

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129952.D
 Acq On : 23 Aug 2022 14:15
 Operator : CG\JU
 Sample : N4258-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-21153MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/24/2022
 Supervised By : Jagrut Upadhyay 08/24/2022

Quant Time: Aug 24 01:52:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	112890	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	413362	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	170193	20.000	ng	0.02
64) Phenanthrene-d10	11.375	188	164040	20.000	ng	# 0.07
76) Chrysene-d12	13.992	240	218082	20.000	ng	# 0.04
86) Perylene-d12	15.421	264	243129	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	978024	143.442	ng	0.01
7) Phenol-d6	6.440	99	1204727	141.096	ng	0.00
23) Nitrobenzene-d5	7.351	82	757070	98.043	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	212573	124.447	ng	0.05
45) 2-Fluorobiphenyl	9.139	172	1138435	101.594	ng	0.00
79) Terphenyl-d14	12.951	244	872643	66.581	ng	0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	2.516	88	129766	46.132	ng	96
3) Pyridine	3.293	79	346772	47.107	ng	97
4) n-Nitrosodimethylamine	3.240	42	199594	58.833	ng	88
6) Aniline	6.451	93	220842	22.693	ng	# 10
8) 2-Chlorophenol	6.575	128	403710	53.187	ng	97
9) Benzaldehyde	6.334	77	228518	51.992	ng	98
10) Phenol	6.451	94	486545	51.949	ng	84
11) bis(2-Chloroethyl)ether	6.516	93	389583	54.777	ng	97
12) 1,3-Dichlorobenzene	6.716	146	422693	51.584	ng	99
13) 1,4-Dichlorobenzene	6.792	146	422172	50.422	ng	99
14) 1,2-Dichlorobenzene	6.945	146	398572	51.255	ng	98
15) Benzyl Alcohol	6.934	79	352543	54.693	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.051	45	511990	53.723	ng	97
17) 2-Methylphenol	7.051	107	323300	53.047	ng	96
18) Hexachloroethane	7.281	117	163494	51.999	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	289793	53.695	ng	97
20) 3+4-Methylphenols	7.210	107	419565	51.285	ng	98
22) Acetophenone	7.198	105	581891	57.766	ng	98
24) Nitrobenzene	7.369	77	426552	54.782	ng	93
25) Isophorone	7.604	82	752907	56.650	ng	97
26) 2-Nitrophenol	7.687	139	203490	53.131	ng	96
27) 2,4-Dimethylphenol	7.734	122	329839	60.051	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	457733	58.986	ng	99
29) 2,4-Dichlorophenol	7.939	162	317525	52.868	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	310035	48.932	ng	99
31) Naphthalene	8.087	128	1047740	48.477	ng	100
32) Benzoic acid	7.892	122	166227	61.577	ng	# 79
33) 4-Chloroaniline	8.151	127	131043	15.418	ng	96
34) Hexachlorobutadiene	8.192	225	195617	50.704	ng	99
35) Caprolactam	8.528	113	96983	51.927	ng	# 58
36) 4-Chloro-3-methylphenol	8.645	107	338532	52.248	ng	99
37) 2-Methylnaphthalene	8.775	142	622796	43.904	ng	99
38) 1-Methylnaphthalene	8.875	142	590714	42.849	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	269317	56.895	ng	# 98
41) Hexachlorocyclopentadiene	8.922	237	172935	98.610	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	165337	53.758	ng	99

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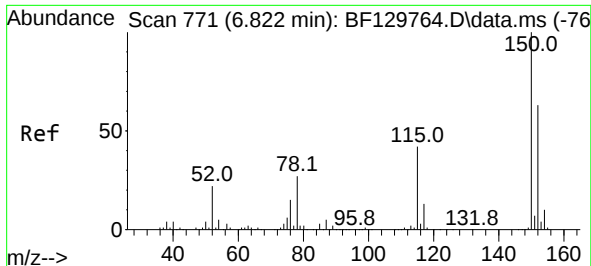
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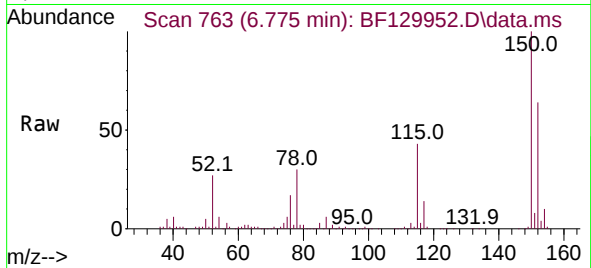
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	166725	50.387	ng	# 70
46) 1,1'-Biphenyl	9.245	154	719577	55.654	ng	99
47) 2-Chloronaphthalene	9.275	162	540317	52.816	ng	99
48) 2-Nitroaniline	9.381	65	197603	61.122	ng	93
49) Acenaphthylene	9.698	152	777346	50.109	ng	# 91
50) Dimethylphthalate	9.551	163	631165	51.733	ng	# 95
51) 2,6-Dinitrotoluene	9.622	165	137347	51.896	ng	# 84
52) Acenaphthene	9.869	154	419453	44.566	ng	93
53) 3-Nitroaniline	9.792	138	102215	34.924	ng	# 88
54) 2,4-Dinitrophenol	9.928	184	86979	73.190	ng	88
55) Dibenzofuran	10.051	168	630862	44.616	ng	# 87
56) 4-Nitrophenol	9.986	139	135702	104.219	ng	# 19
57) 2,4-Dinitrotoluene	10.045	165	206467	60.096	ng	# 73
58) Fluorene	10.416	166	426262	36.104	ng	# 75
59) 2,3,4,6-Tetrachlorophenol	10.186	232	85750	35.313	ng	# 1
60) Diethylphthalate	10.269	149	568781	46.754	ng	# 82
61) 4-Chlorophenyl-phenylether	10.398	204	203024	38.319	ng	# 52
62) 4-Nitroaniline	10.416	138	73581	24.920	ng	# 78
63) Azobenzene	10.563	77	354882	30.519	ng	# 71
65) 4,6-Dinitro-2-methylphthalate	10.475	198	45924	47.688	ng	# 1
66) n-Nitrosodiphenylamine	10.516	169	383804	69.320	ng	96
67) 4-Bromophenyl-phenylether	10.898	248	116053	60.402	ng	# 63
68) Hexachlorobenzene	10.992	284	134893	64.813	ng	# 50
69) Atrazine	11.063	200	217630m	128.067	ng	
70) Pentachlorophenol	11.186	266	51542	82.448	ng	95
71) Phenanthrene	11.404	178	459907	50.199	ng	# 78
72) Anthracene	11.457	178	461400	50.643	ng	# 80
73) Carbazole	11.598	167	426120	51.524	ng	# 75
74) Di-n-butylphthalate	11.916	149	532387	50.017	ng	# 81
75) Fluoranthene	12.604	202	578835	61.743	ng	90
77) Benzidine	12.698	184	146011	25.584	ng	# 24
78) Pyrene	12.827	202	607991	32.082	ng	# 95
80) Butylbenzylphthalate	13.398	149	300420	37.463	ng	87
81) Benzo(a)anthracene	13.986	228	744306	49.614	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	101807	21.912	ng	# 92
83) Chrysene	14.021	228	678510	48.317	ng	98
84) Bis(2-ethylhexyl)phthalate	13.933	149	498093	52.355	ng	98
85) Di-n-octyl phthalate	14.533	149	887227	67.555	ng	# 58
87) Indeno(1,2,3-cd)pyrene	16.880	276	933049	55.901	ng	98
88) Benzo(b)fluoranthene	15.010	252	820949	49.311	ng	99
89) Benzo(k)fluoranthene	15.033	252	741750	46.458	ng	98
90) Benzo(a)pyrene	15.368	252	703280	53.643	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	811811	58.946	ng	99
92) Benzo(g,h,i)perylene	17.315	276	828499	60.299	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

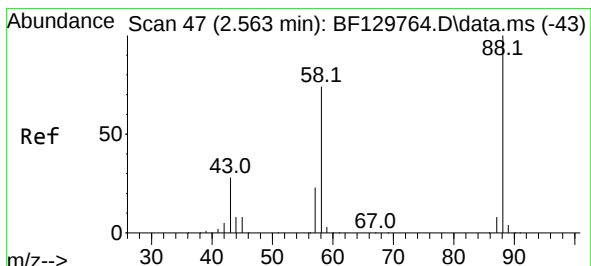
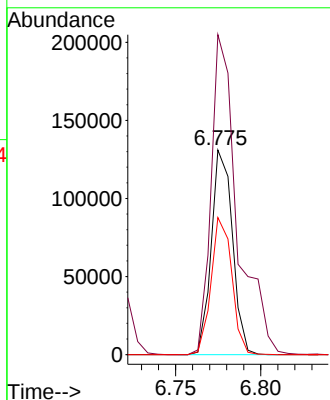
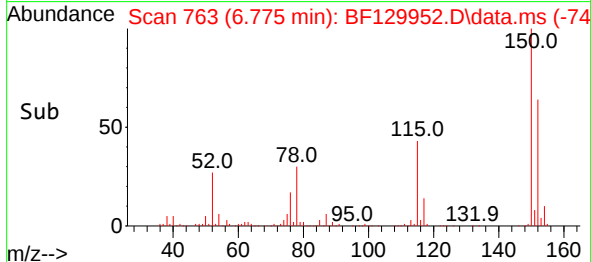
Instrument :
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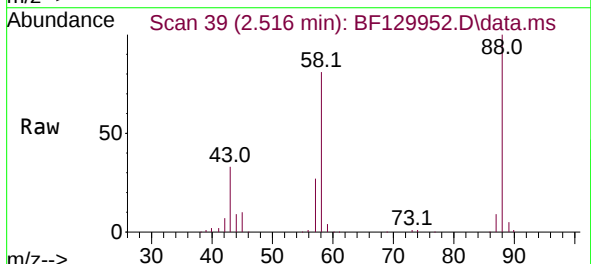
Tgt Ion: 152 Resp: 112890
Ion Ratio Lower Upper
152 100
150 156.4 126.9 190.3
115 67.0 53.4 80.0

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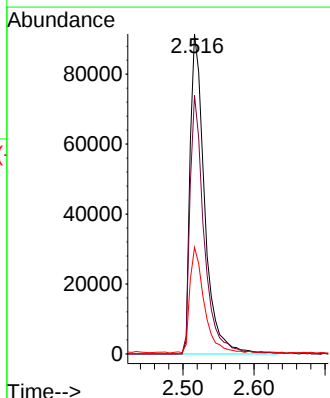
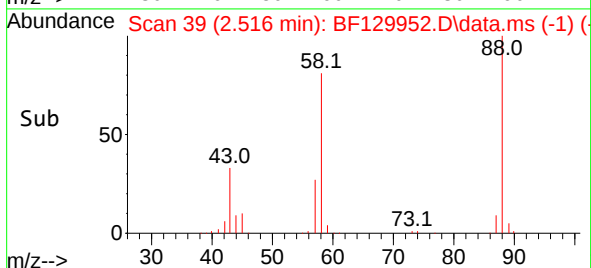
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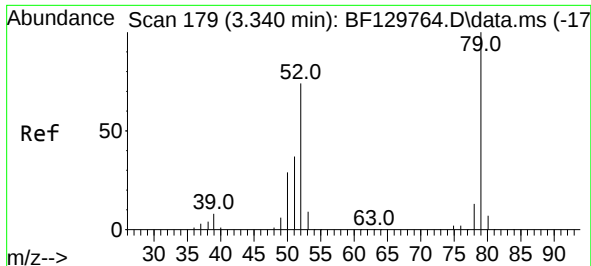


#2
1,4-Dioxane
Concen: 46.132 ng
RT: 2.516 min Scan# 39
Delta R.T. 0.035 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15



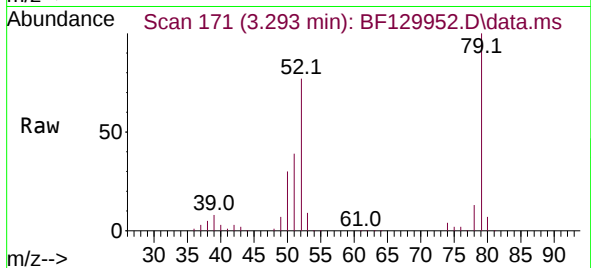
Tgt Ion: 88 Resp: 129766
Ion Ratio Lower Upper
88 100
58 78.8 60.9 91.3
43 32.8 23.6 35.4





#3
Pyridine
Concen: 47.107 ng
RT: 3.293 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

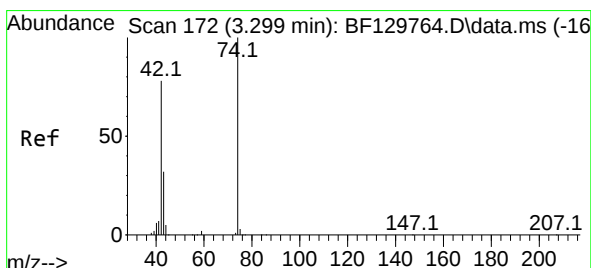
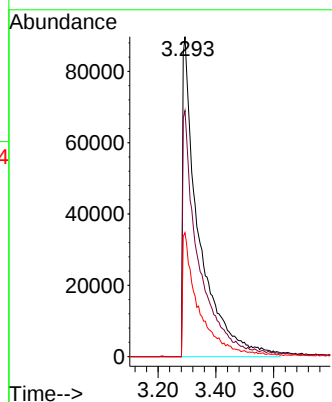
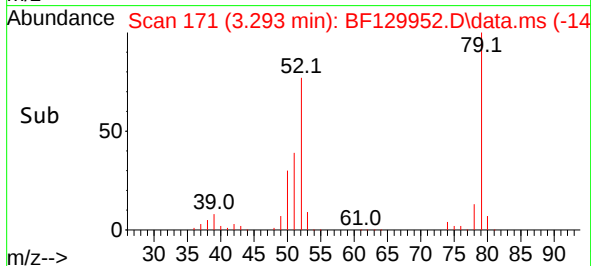
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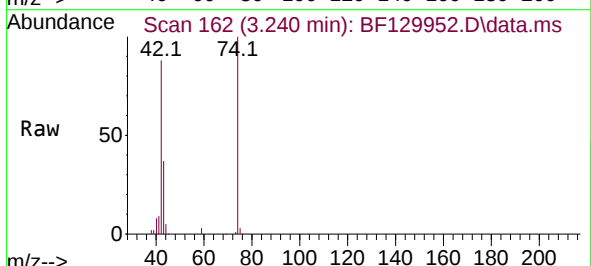
Tgt Ion: 79 Resp: 346772
Ion Ratio Lower Upper
79 100
52 76.9 59.4 89.2
51 38.7 29.5 44.3

Manual Integrations
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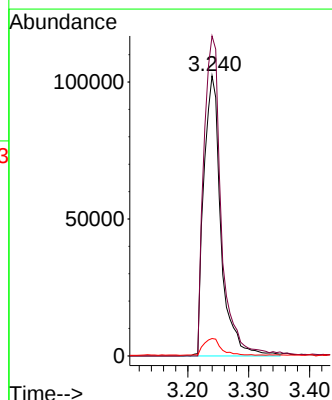
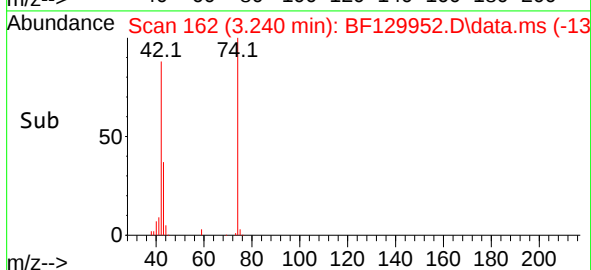
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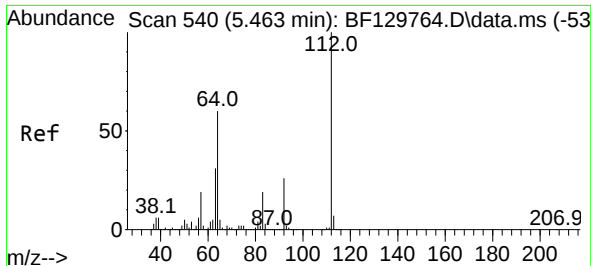


#4
n-Nitrosodimethylamine
Concen: 58.833 ng
RT: 3.240 min Scan# 162
Delta R.T. 0.035 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15



Tgt Ion: 42 Resp: 199594
Ion Ratio Lower Upper
42 100
74 114.3 103.1 154.7
44 6.2 5.4 8.2





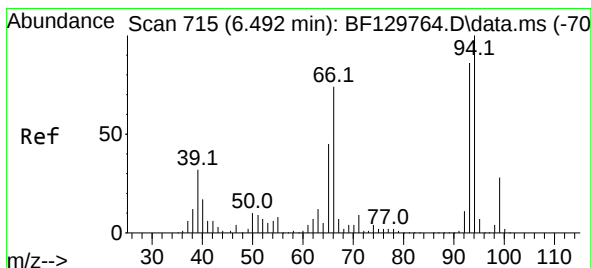
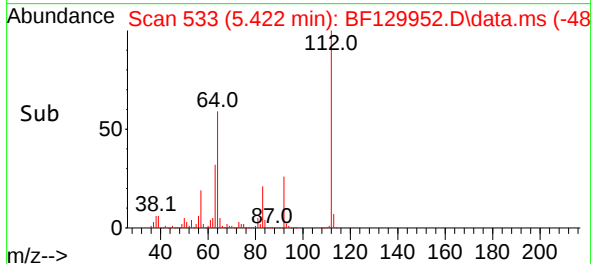
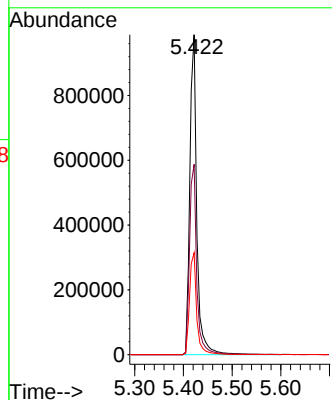
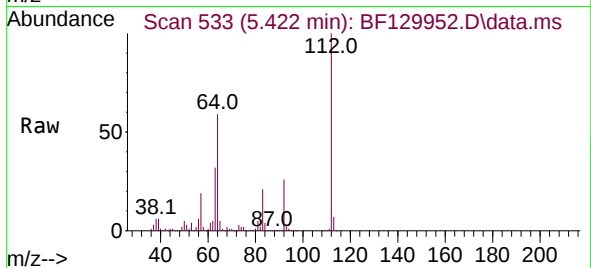
#5
2-Fluorophenol
Concen: 143.442 ng
RT: 5.422 min Scan# 531
Delta R.T. 0.012 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

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Tgt Ion:112 Resp: 978024
Ion Ratio Lower Upper
112 100
64 59.5 47.6 71.4
63 31.8 24.6 37.0

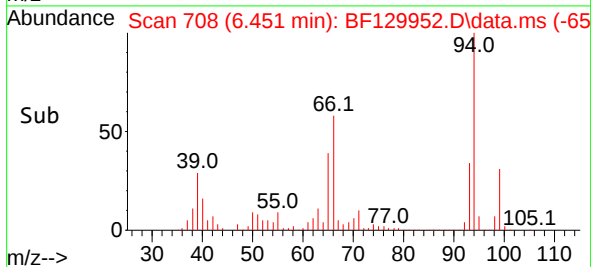
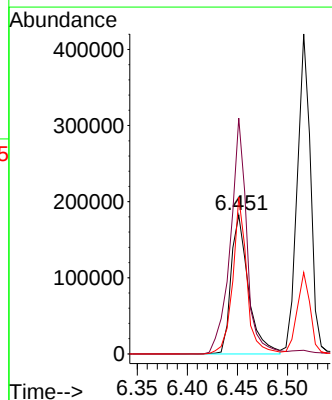
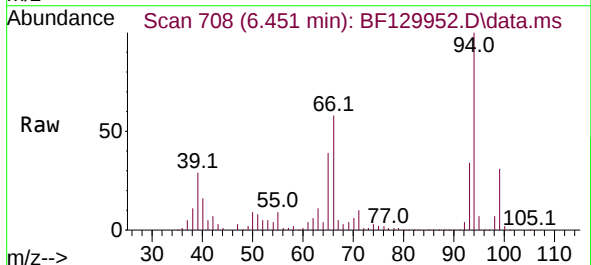
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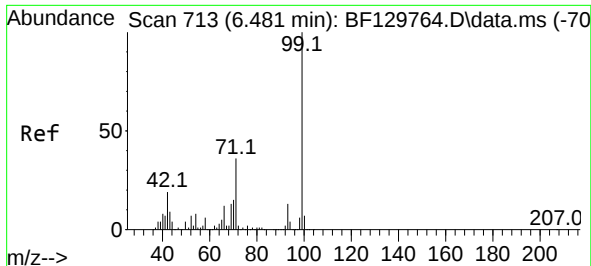
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#6
Aniline
Concen: 22.693 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.006 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

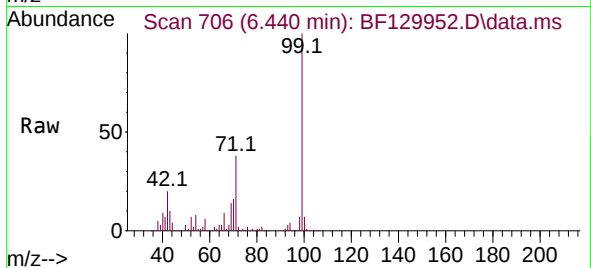
Tgt Ion: 93 Resp: 220842
Ion Ratio Lower Upper
93 100
66 169.9 68.7 103.1#
65 113.0 41.6 62.4#





#7
Phenol-d6
Concen: 141.096 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

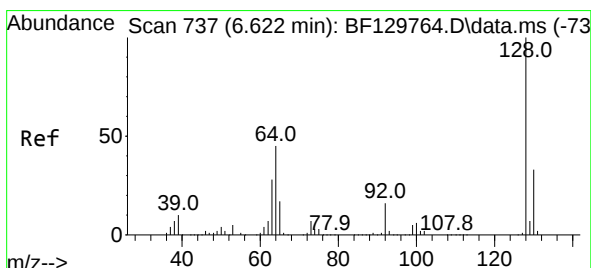
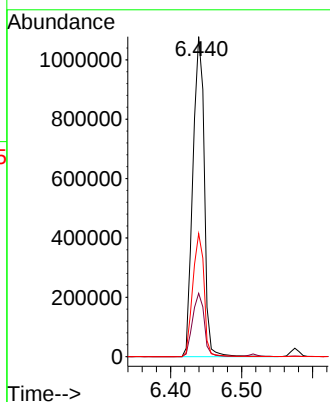
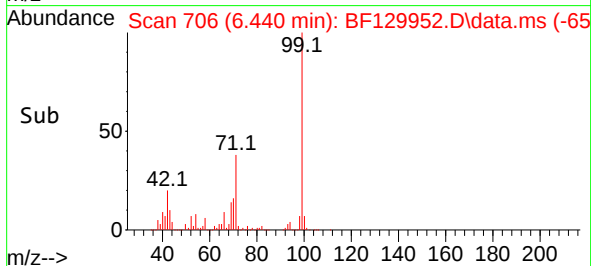
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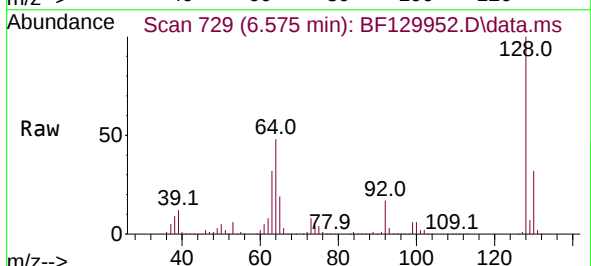
Tgt Ion: 99 Resp: 120472
Ion Ratio Lower Upper
99 100
42 19.8 15.0 22.4
71 38.4 28.8 43.2

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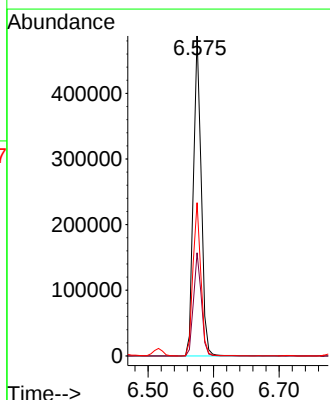
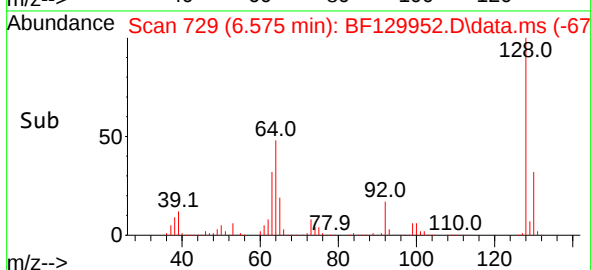
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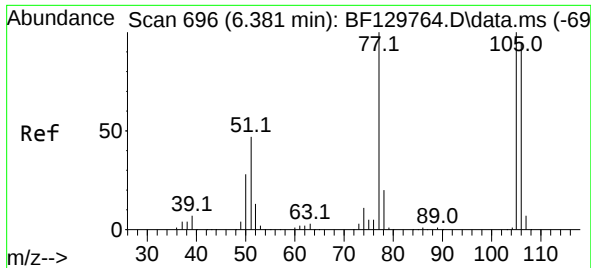


#8
2-Chlorophenol
Concen: 53.187 ng
RT: 6.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15



Tgt Ion:128 Resp: 403710
Ion Ratio Lower Upper
128 100
130 32.2 12.5 52.5
64 47.9 24.9 64.9





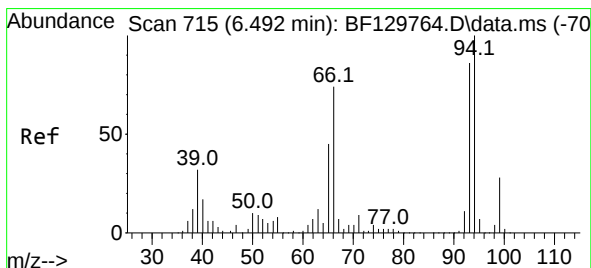
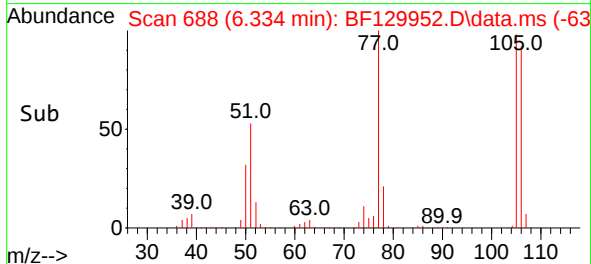
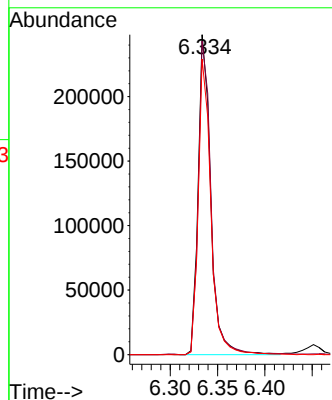
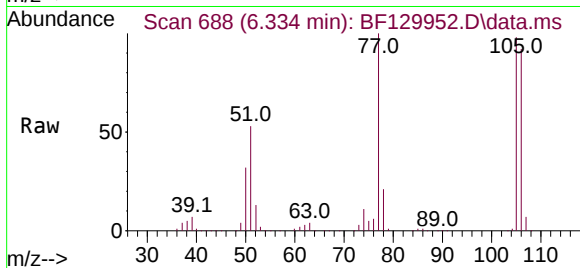
#9
Benzaldehyde
Concen: 51.992 ng
RT: 6.334 min Scan# 68
Delta R.T. 0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Instrument :
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Tgt Ion: 77 Resp: 228518
Ion Ratio Lower Upper
77 100
105 98.0 80.3 120.3
106 92.4 74.3 114.3

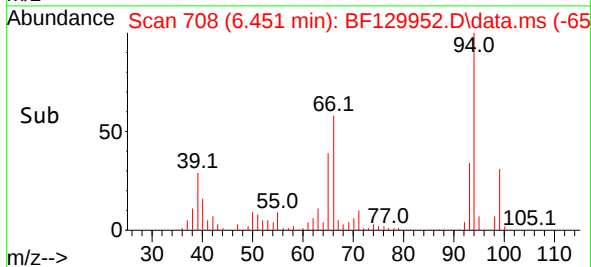
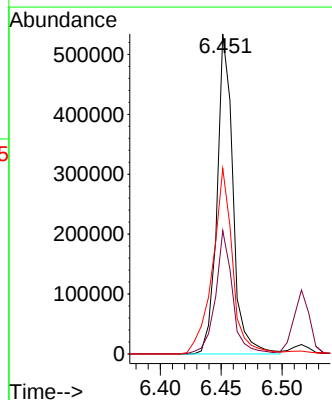
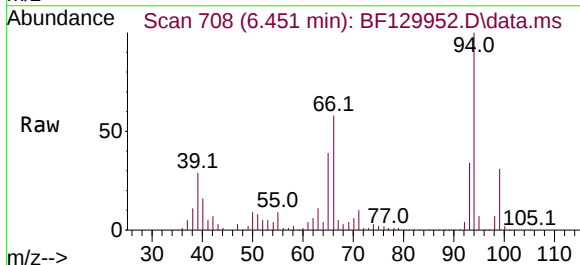
Manual Integrations
APPROVED

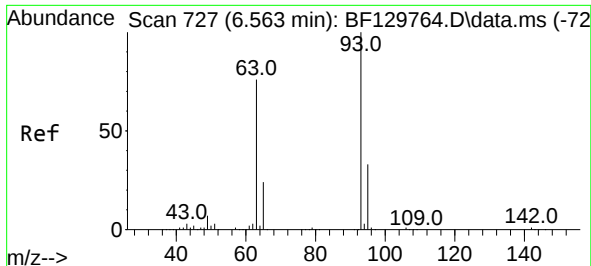
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#10
Phenol
Concen: 51.949 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Tgt Ion: 94 Resp: 486545
Ion Ratio Lower Upper
94 100
65 38.6 24.9 64.9
66 58.0 54.2 94.2





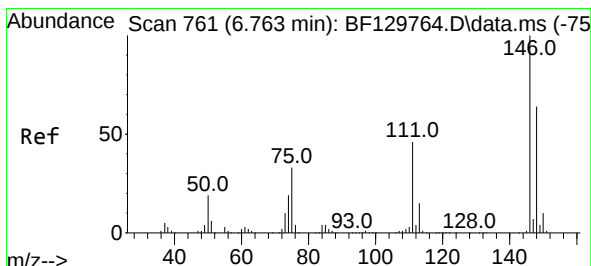
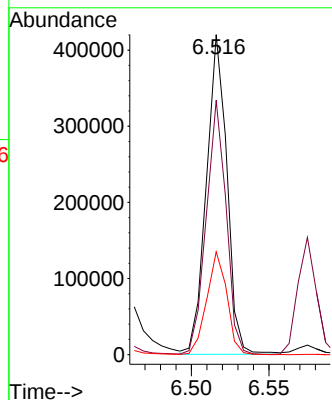
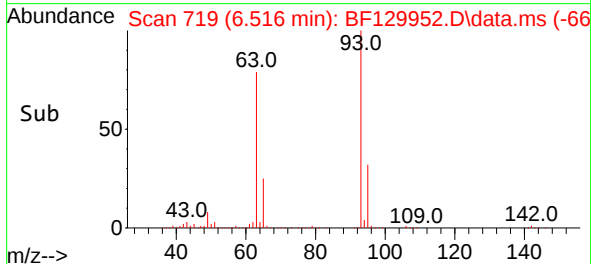
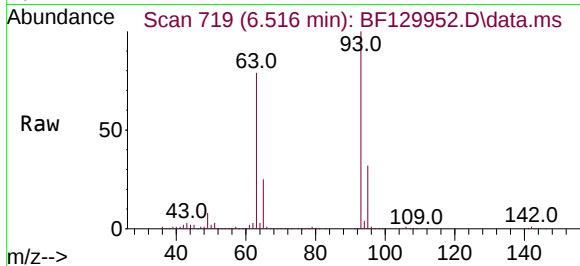
#11
bis(2-Chloroethyl)ether
Concen: 54.777 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Instrument :
BNA_F
ClientSampleId :
RBR-21153MS

Tgt Ion: 93 Resp: 389583
Ion Ratio Lower Upper
93 100
63 79.5 55.9 95.9
95 32.1 12.3 52.3

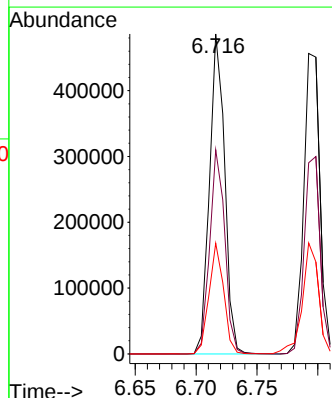
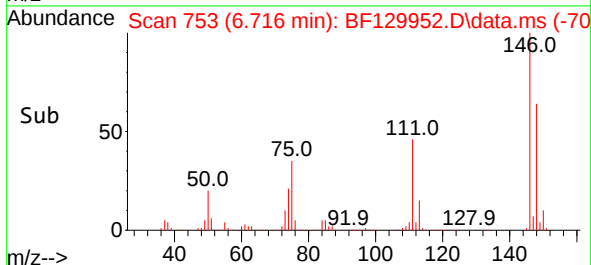
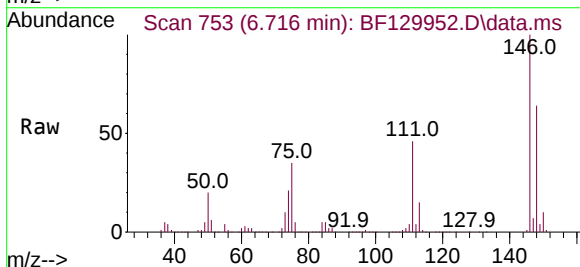
Manual Integrations
APPROVED

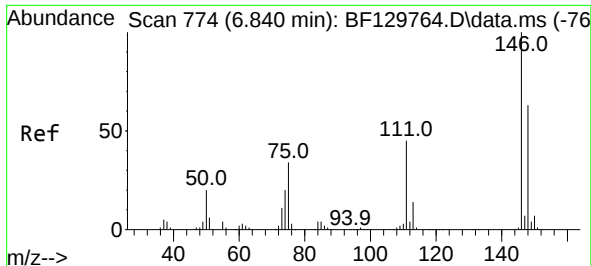
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#12
1,3-Dichlorobenzene
Concen: 51.584 ng
RT: 6.716 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Tgt Ion:146 Resp: 422693
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 34.6 26.5 39.7





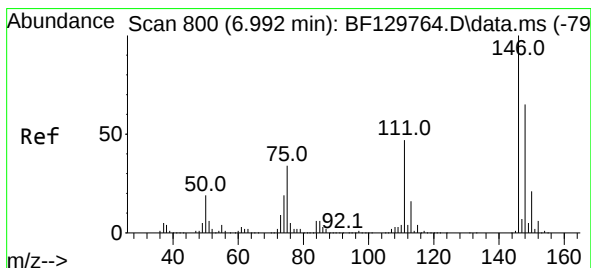
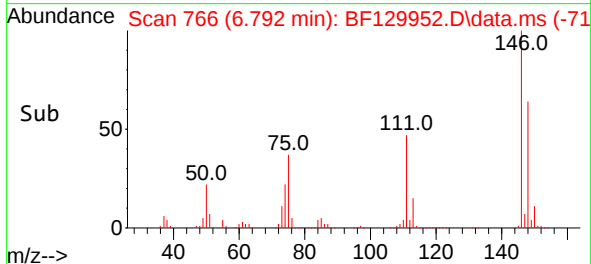
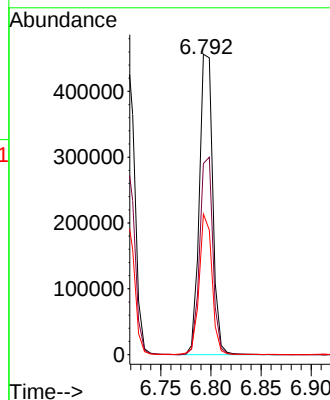
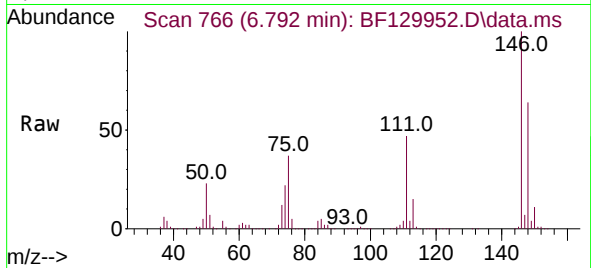
#13
1,4-Dichlorobenzene
Concen: 50.422 ng
RT: 6.792 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Instrument :
BNA_F
ClientSampleId :
RBR-21153MS

Tgt Ion:146 Resp: 422172
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
111 46.8 36.2 54.4

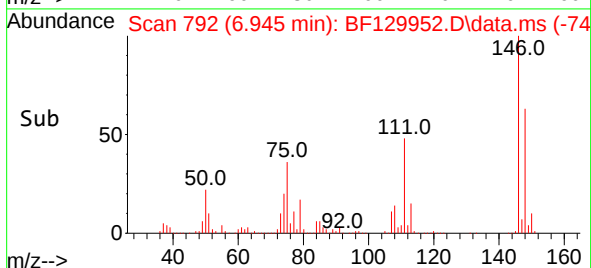
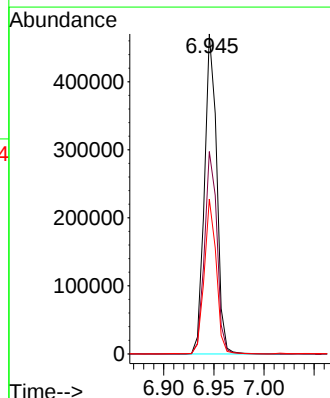
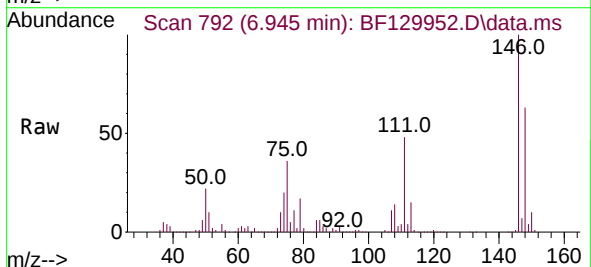
Manual Integrations
APPROVED

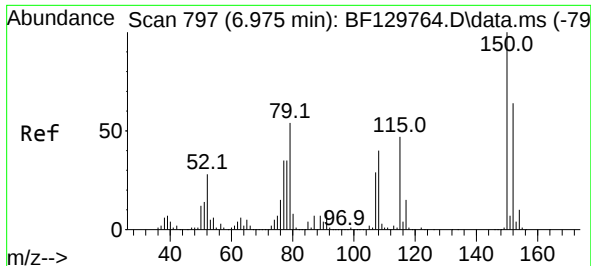
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#14
1,2-Dichlorobenzene
Concen: 51.255 ng
RT: 6.945 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Tgt Ion:146 Resp: 398572
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.6
111 48.4 37.2 55.8





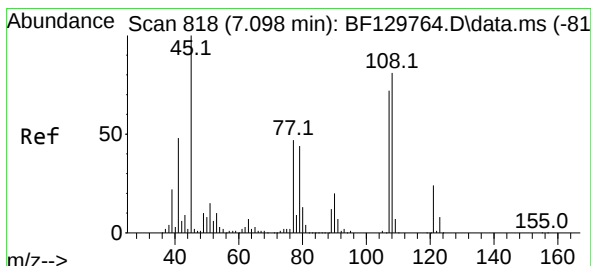
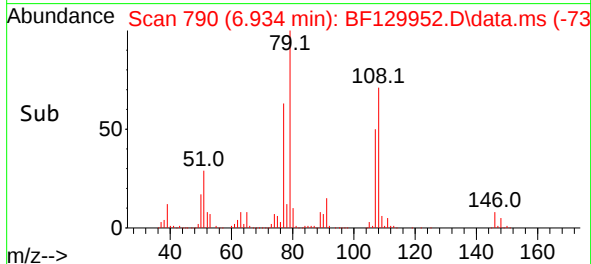
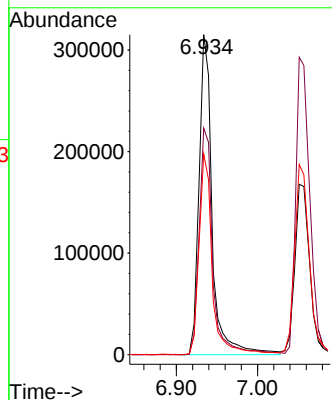
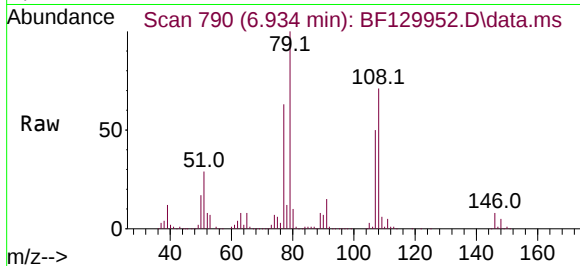
#15
Benzyl Alcohol
Concen: 54.693 ng
RT: 6.934 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Instrument :
BNA_F
ClientSampleId :
RBR-21153MS

Tgt Ion: 79 Resp: 352543
Ion Ratio Lower Upper
79 100
108 70.8 59.2 88.8
77 62.7 51.9 77.9

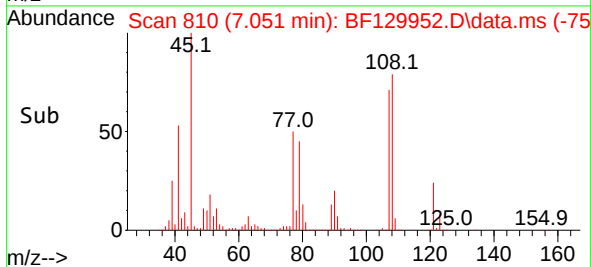
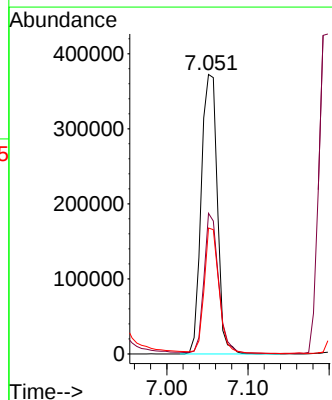
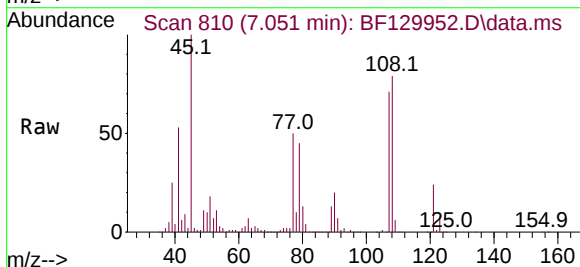
Manual Integrations
APPROVED

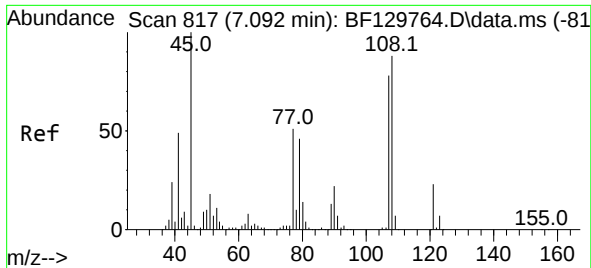
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.723 ng
RT: 7.051 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

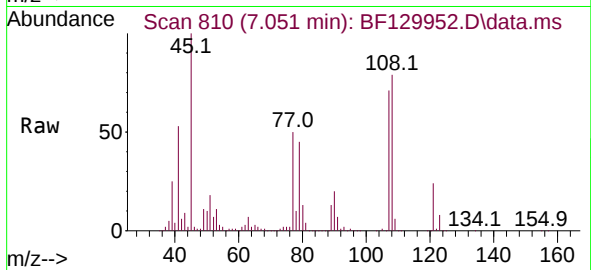
Tgt Ion: 45 Resp: 511990
Ion Ratio Lower Upper
45 100
77 50.3 27.4 67.4
79 45.1 24.4 64.4





#17
2-Methylphenol
Concen: 53.047 ng
RT: 7.051 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

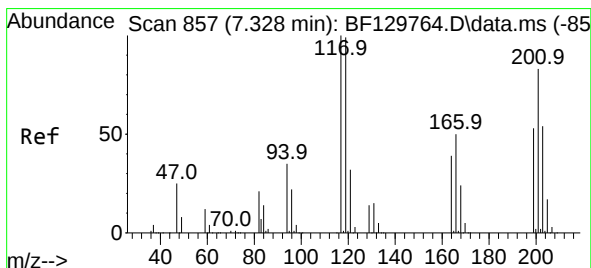
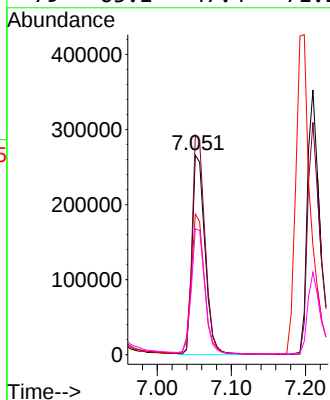
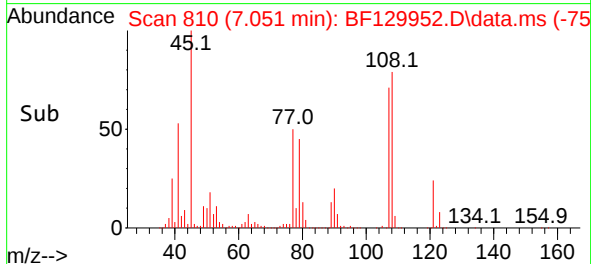
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



Tgt Ion:107 Resp: 323300
Ion Ratio Lower Upper
107 100
108 110.2 90.2 135.2
77 70.5 51.8 77.8
79 63.1 47.4 71.2

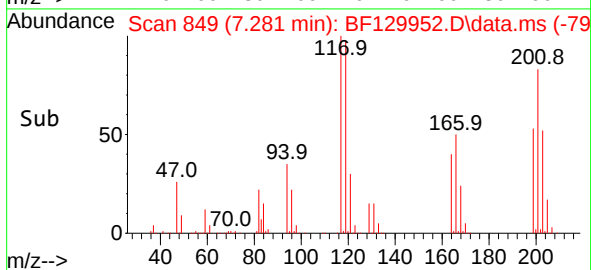
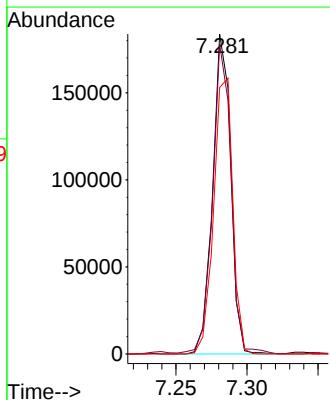
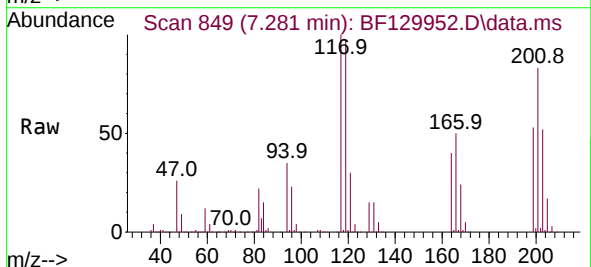
Manual Integrations
APPROVED

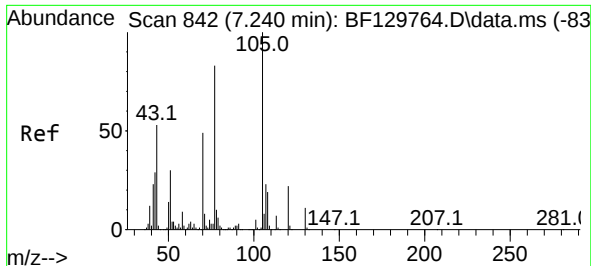
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#18
Hexachloroethane
Concen: 51.999 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

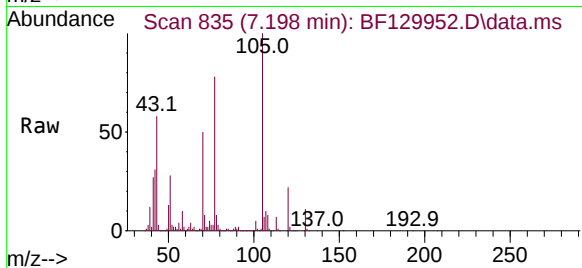
Tgt Ion:117 Resp: 163494
Ion Ratio Lower Upper
117 100
119 96.8 79.1 118.7
201 83.2 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 53.695 ng
RT: 7.198 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

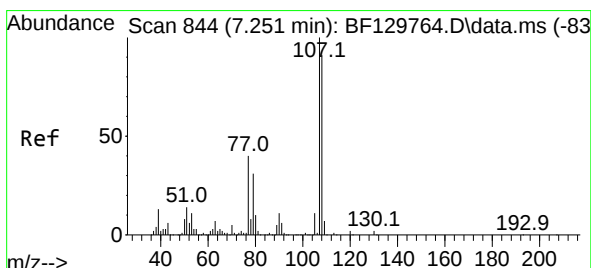
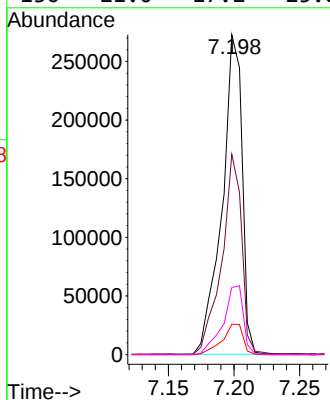
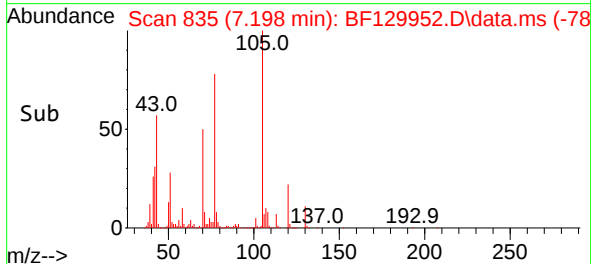
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



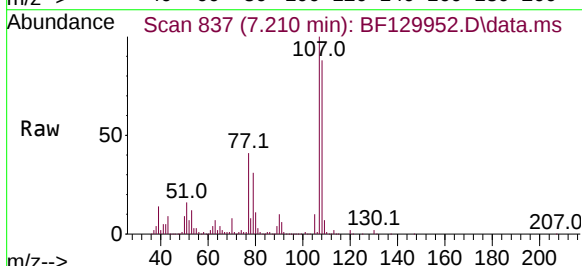
Tgt Ion: 70 Resp: 289793
Ion Ratio Lower Upper
70 100
42 62.6 47.6 71.4
101 9.5 8.1 12.1
130 21.0 17.2 25.8

Manual Integrations
APPROVED

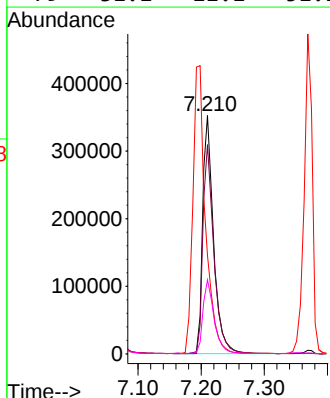
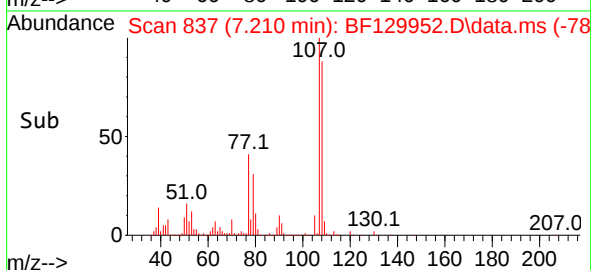
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

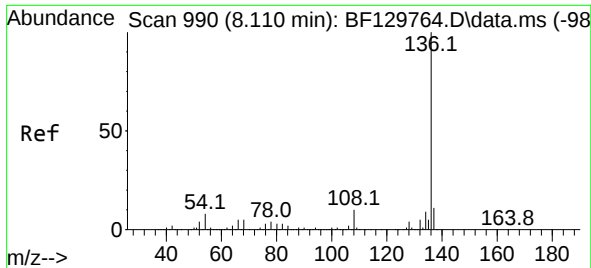


#20
3+4-Methylphenols
Concen: 51.285 ng
RT: 7.210 min Scan# 837
Delta R.T. 0.006 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15



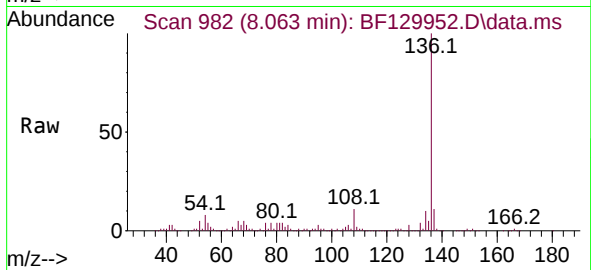
Tgt Ion:107 Resp: 419565
Ion Ratio Lower Upper
107 100
108 87.8 71.3 111.3
77 41.3 20.4 60.4
79 31.1 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

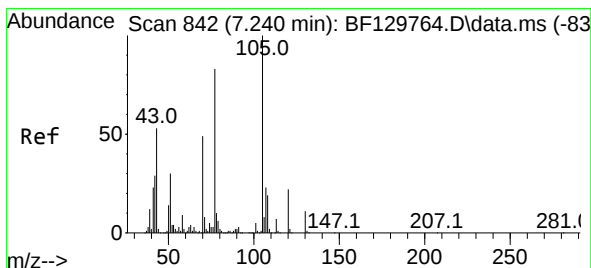
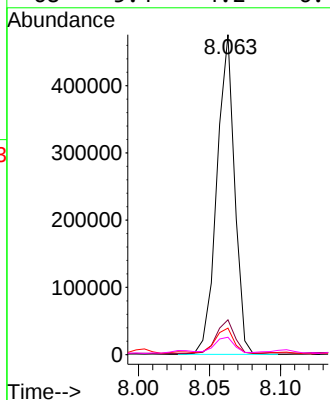
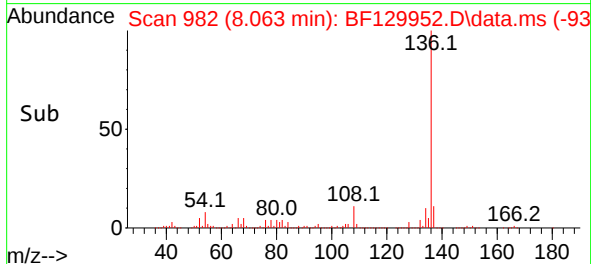
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



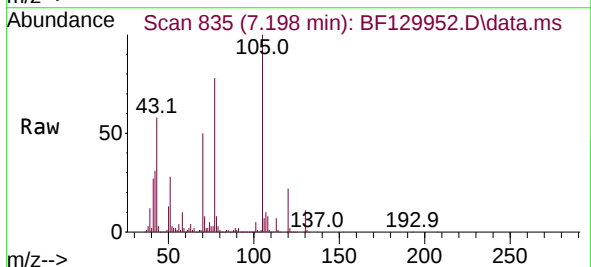
Tgt Ion:136 Resp: 413362
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.3 6.2 9.2
68 5.4 4.2 6.4

Manual Integrations
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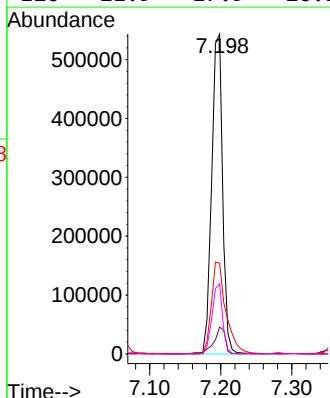
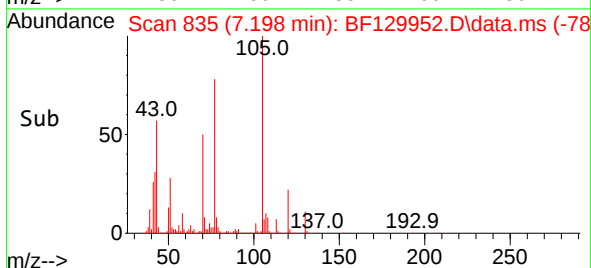
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

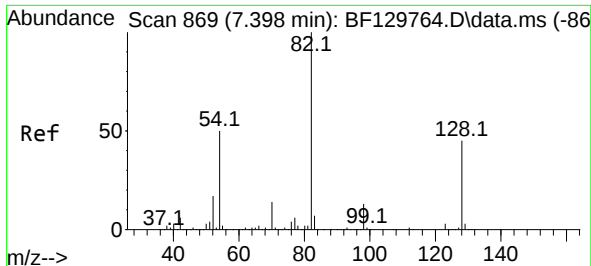


#22
Acetophenone
Concen: 57.766 ng
RT: 7.198 min Scan# 835
Delta R.T. 0.006 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15



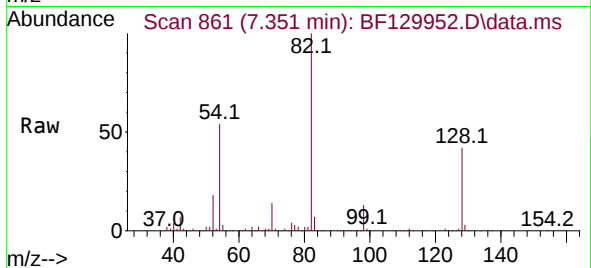
Tgt Ion:105 Resp: 581891
Ion Ratio Lower Upper
105 100
71 8.4 6.6 9.8
51 28.4 23.8 35.8
120 21.9 17.9 26.9





#23
Nitrobenzene-d5
Concen: 98.043 ng
RT: 7.351 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

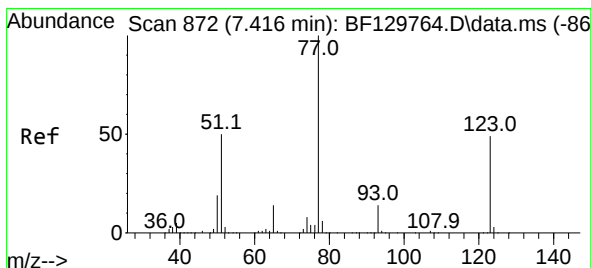
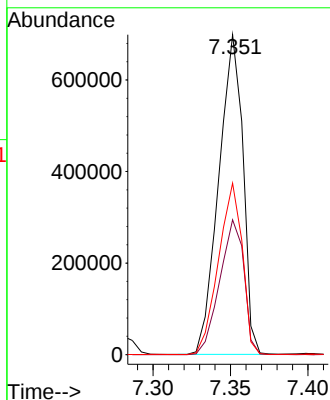
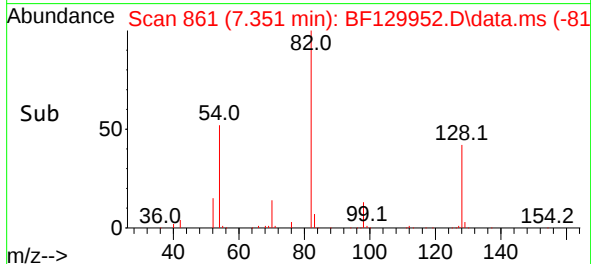
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



Tgt Ion: 82 Resp: 757076
Ion Ratio Lower Upper
82 100
128 42.1 36.1 54.1
54 53.6 40.0 60.0

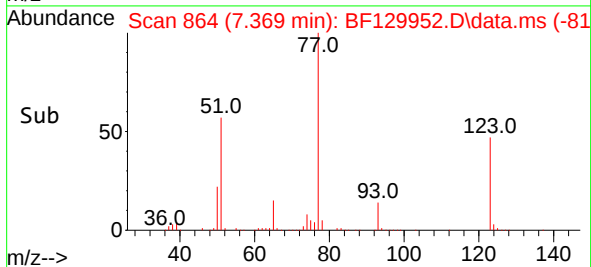
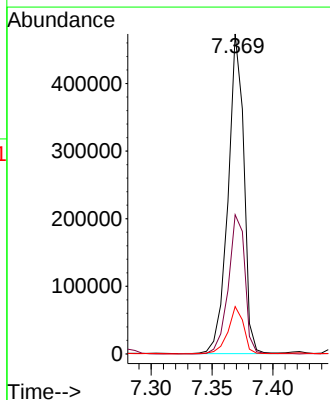
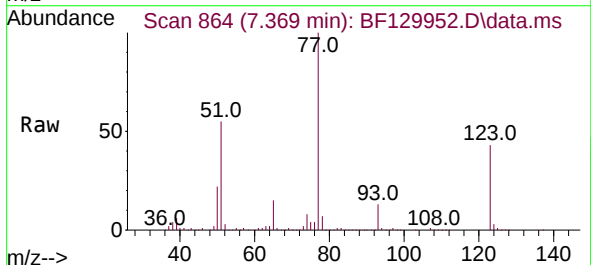
Manual Integrations
APPROVED

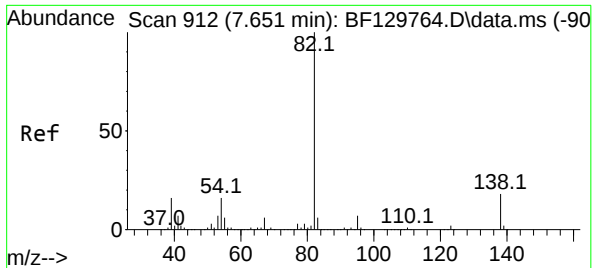
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#24
Nitrobenzene
Concen: 54.782 ng
RT: 7.369 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

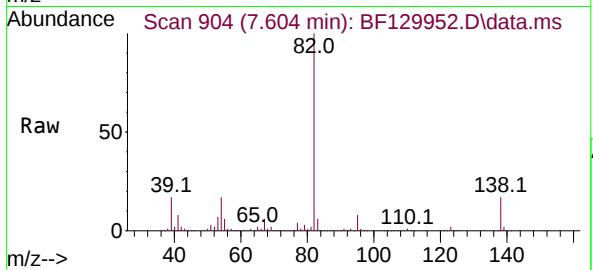
Tgt Ion: 77 Resp: 426552
Ion Ratio Lower Upper
77 100
123 43.5 39.2 58.8
65 14.8 11.1 16.7





#25
Isophorone
Concen: 56.650 ng
RT: 7.604 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

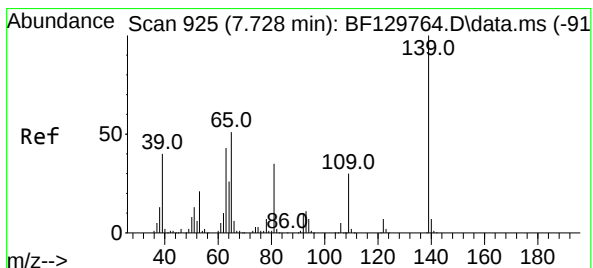
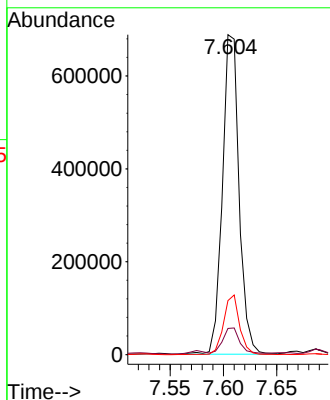
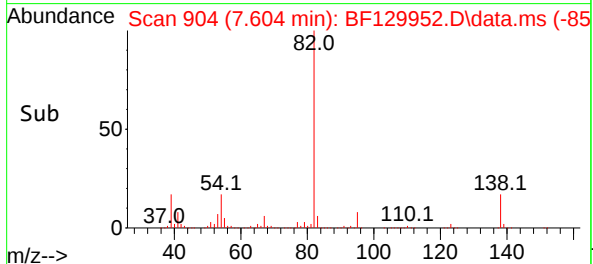
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



Tgt Ion: 82 Resp: 752907
Ion Ratio Lower Upper
82 100
95 8.2 5.9 8.9
138 16.9 14.6 21.8

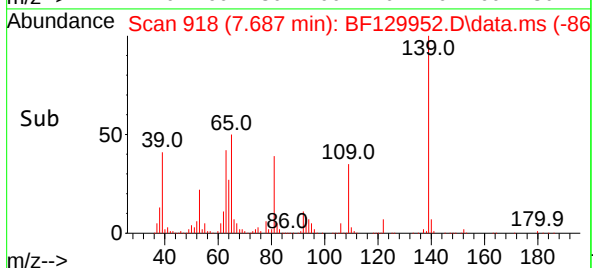
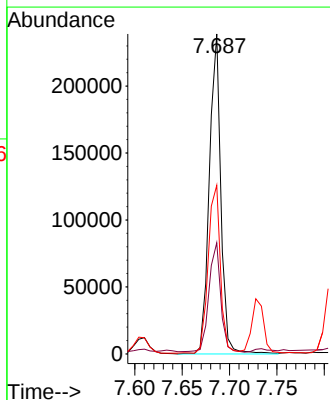
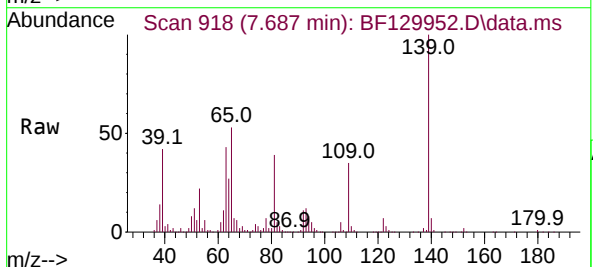
Manual Integrations
APPROVED

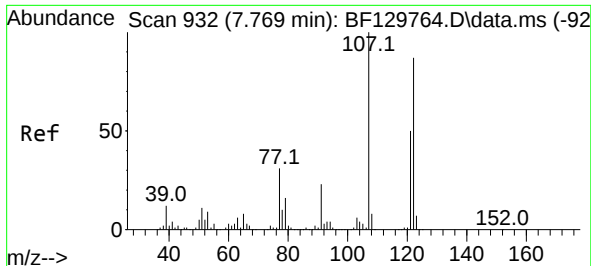
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#26
2-Nitrophenol
Concen: 53.131 ng
RT: 7.687 min Scan# 918
Delta R.T. 0.006 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Tgt Ion:139 Resp: 203490
Ion Ratio Lower Upper
139 100
109 34.7 24.4 36.6
65 52.7 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 60.051 ng

RT: 7.734 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129952.D

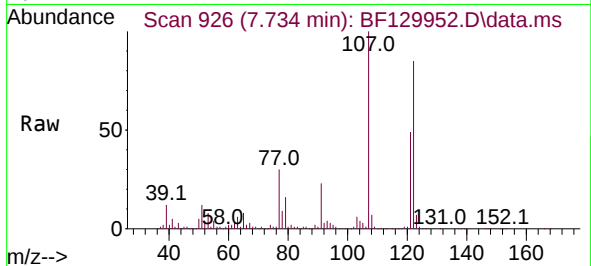
Acq: 23 Aug 2022 14:15

Instrument :

BNA_F

ClientSampleId :

RBR-21153MS



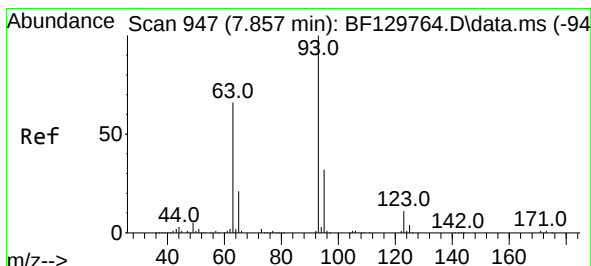
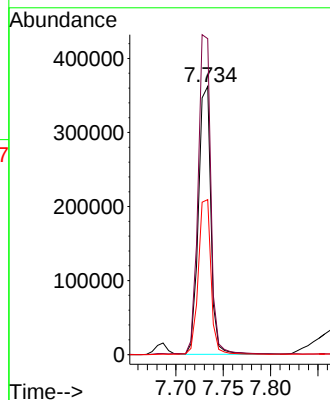
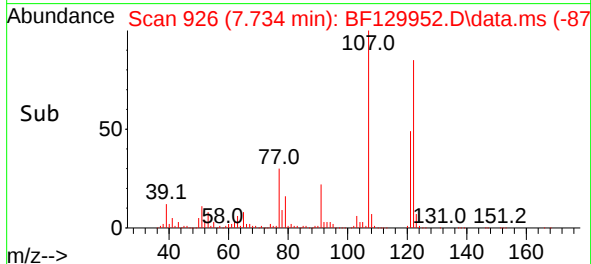
Tgt Ion:	122	Resp:	329839
Ion	Ratio	Lower	Upper
122	100		
107	117.8	92.2	138.4
121	57.8	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#28

bis(2-Chloroethoxy)methane

Concen: 58.986 ng

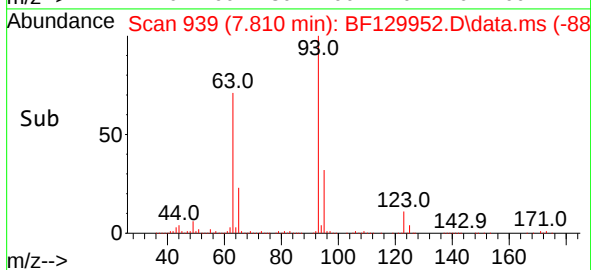
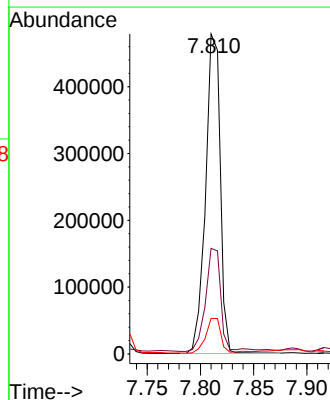
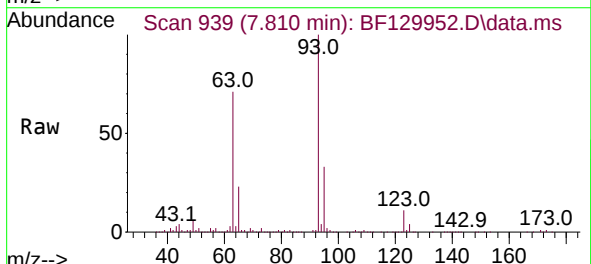
RT: 7.810 min Scan# 939

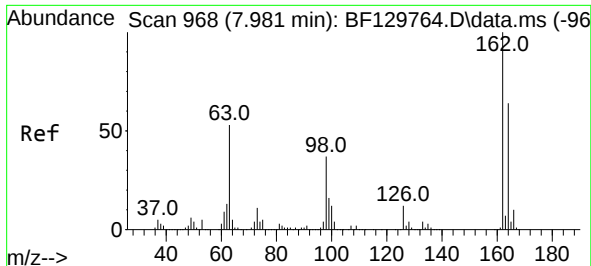
Delta R.T. 0.000 min

Lab File: BF129952.D

Acq: 23 Aug 2022 14:15

Tgt Ion:	93	Resp:	457733
Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.6	38.4
123	11.1	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 52.868 ng

RT: 7.939 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF129952.D

Acq: 23 Aug 2022 14:15

Instrument :

BNA_F

ClientSampleId :

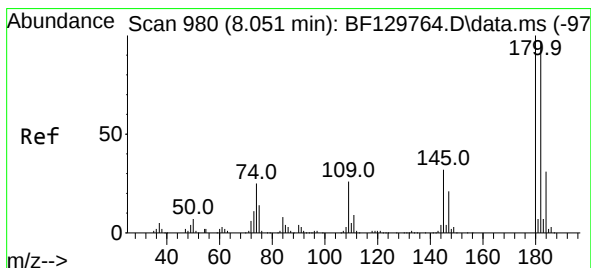
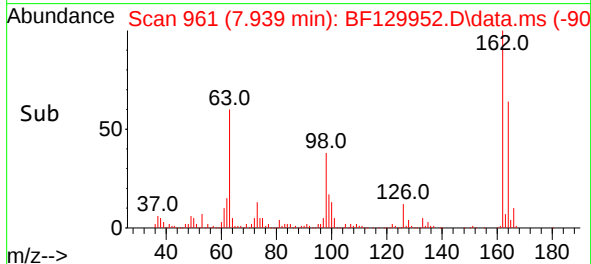
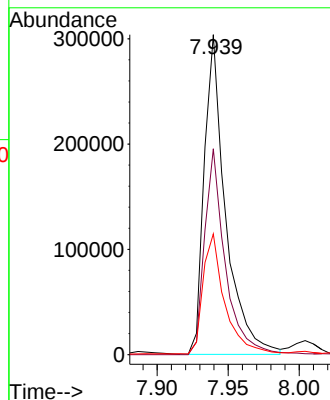
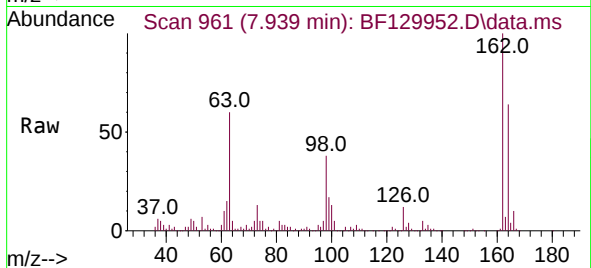
RBR-21153MS

Tgt Ion:162 Resp: 317525
 Ion Ratio Lower Upper
 162 100
 164 64.3 43.7 83.7
 98 37.7 16.5 56.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/24/2022
 Supervised By :Jagrut Upadhyay 08/24/2022



#30

1,2,4-Trichlorobenzene

Concen: 48.932 ng

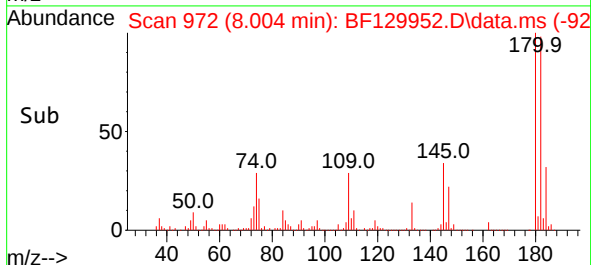
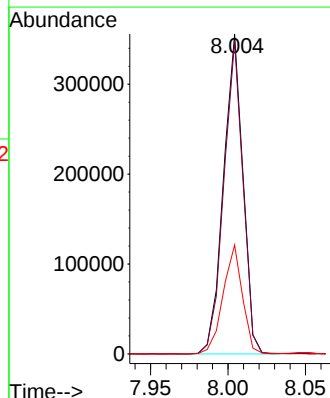
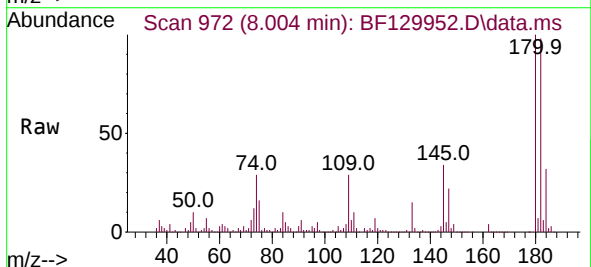
RT: 8.004 min Scan# 972

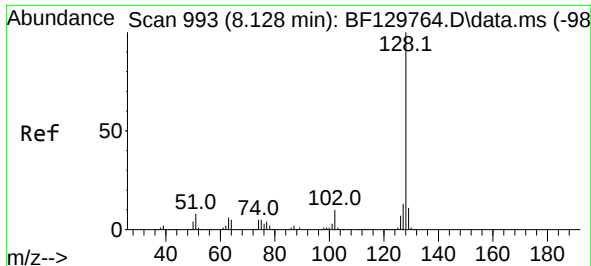
Delta R.T. 0.000 min

Lab File: BF129952.D

Acq: 23 Aug 2022 14:15

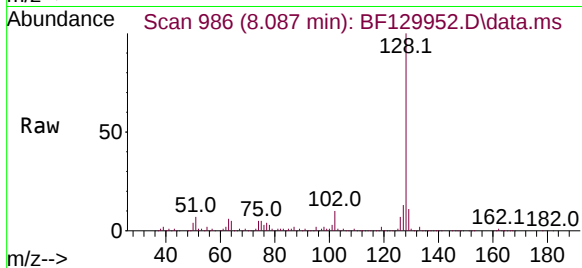
Tgt Ion:180 Resp: 310035
 Ion Ratio Lower Upper
 180 100
 182 97.7 77.6 116.4
 145 34.1 25.6 38.4





#31
Naphthalene
Concen: 48.477 ng
RT: 8.087 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

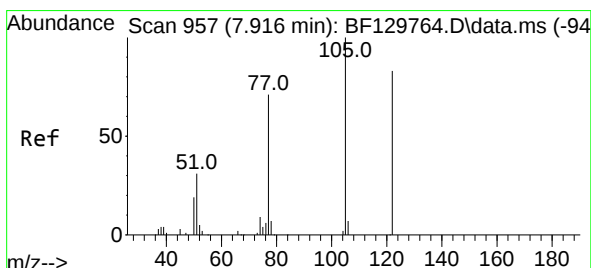
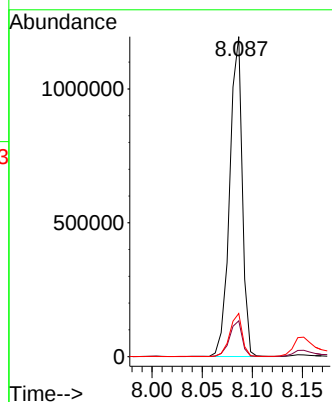
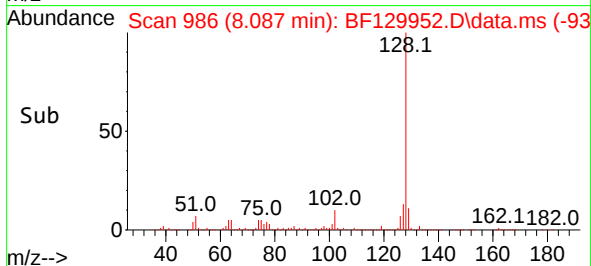
Instrument :
BNA_F
Client Sample Id :
RBR-21153MS



Tgt Ion:128 Resp: 1047740
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.5 10.7 16.1

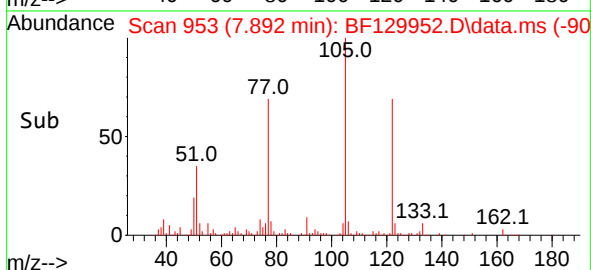
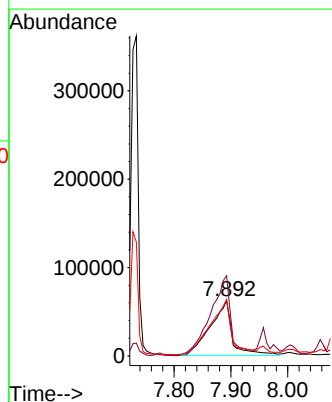
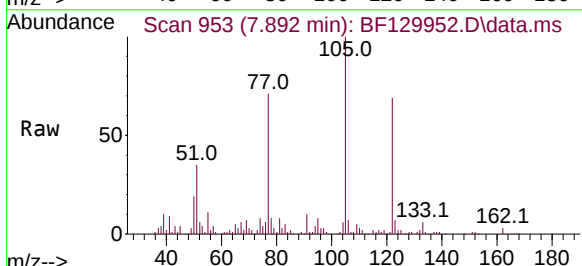
Manual Integrations
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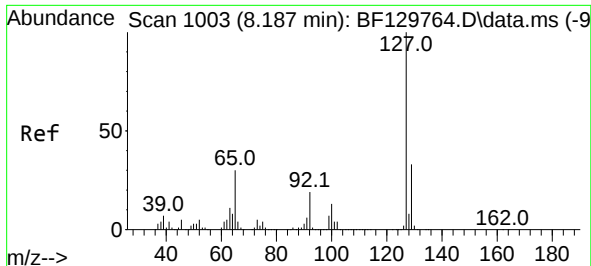
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#32
Benzoic acid
Concen: 61.577 ng
RT: 7.892 min Scan# 953
Delta R.T. 0.012 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Tgt Ion:122 Resp: 166227
Ion Ratio Lower Upper
122 100
105 144.9 99.9 139.9#
77 102.2 65.9 105.9





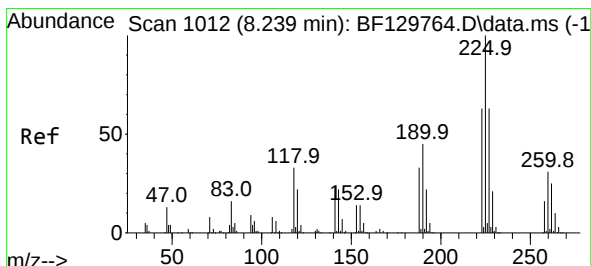
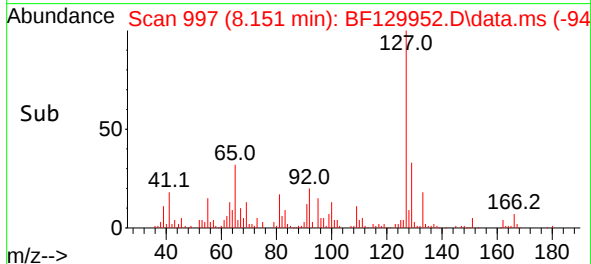
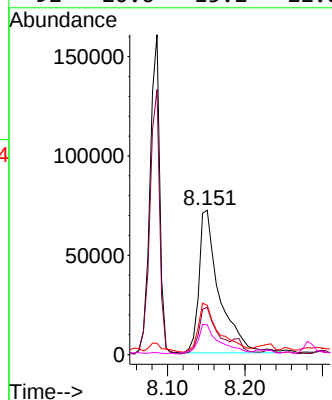
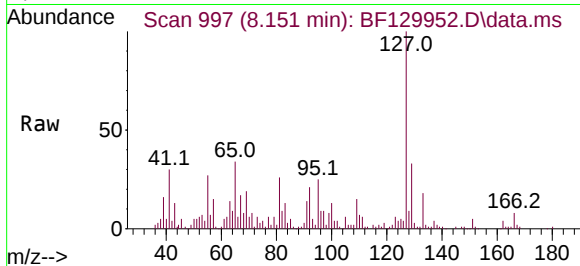
#33
4-Chloroaniline
Concen: 15.418 ng
RT: 8.151 min Scan# 99
Delta R.T. 0.006 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Instrument :
BNA_F
ClientSampleId :
RBR-21153MS

Tgt Ion:	127	Resp:	131043
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.7	40.1
65	34.2	24.2	36.2
92	20.6	15.2	22.8

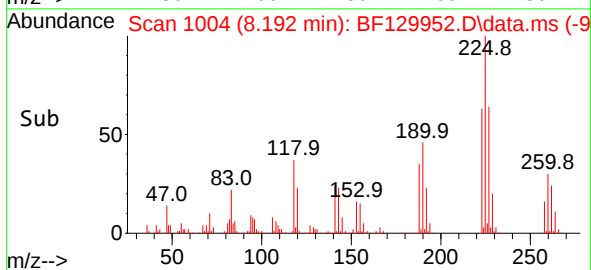
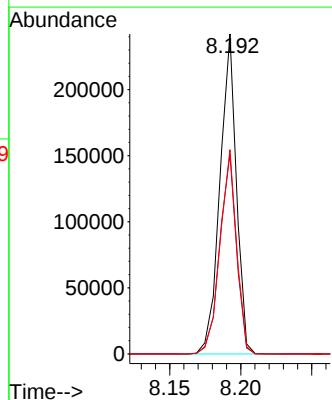
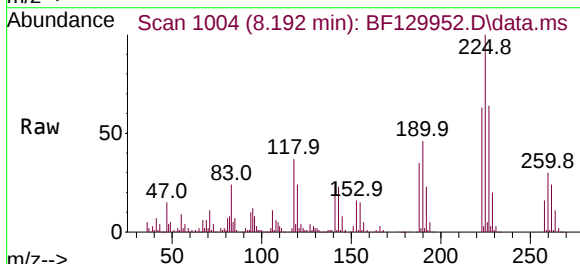
Manual Integrations
APPROVED

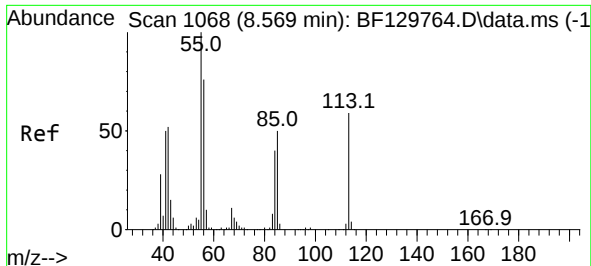
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#34
Hexachlorobutadiene
Concen: 50.704 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Tgt Ion:	225	Resp:	195617
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.2	75.2
227	63.8	50.6	75.8





#35

Caprolactam

Concen: 51.927 ng

RT: 8.528 min Scan# 1061

Delta R.T. 0.000 min

Lab File: BF129952.D

Acq: 23 Aug 2022 14:15

Instrument :

BNA_F

ClientSampleId :

RBR-21153MS

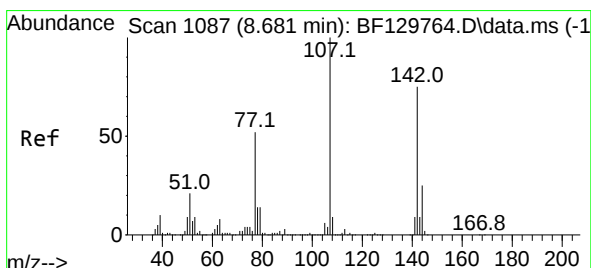
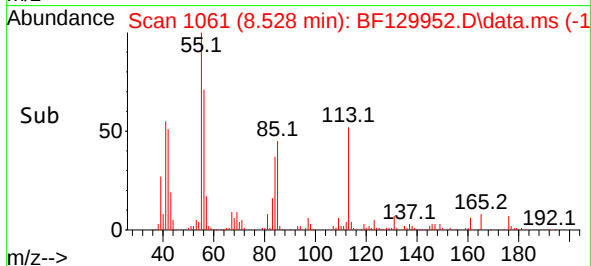
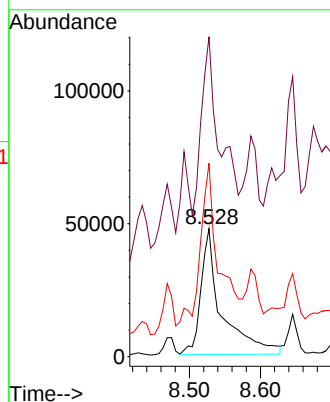
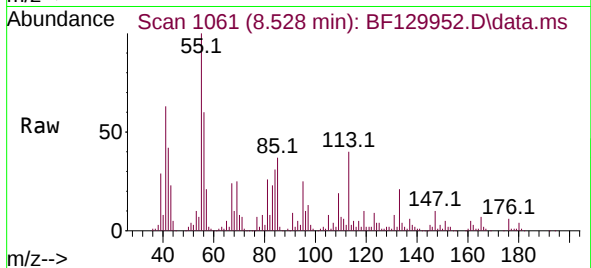
Tgt Ion:113 Resp: 96983

Ion	Ratio	Lower	Upper
113	100		
55	250.2	148.8	188.8
56	151.2	109.1	149.1

Manual Integrations

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Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#36

4-Chloro-3-methylphenol

Concen: 52.248 ng

RT: 8.645 min Scan# 1081

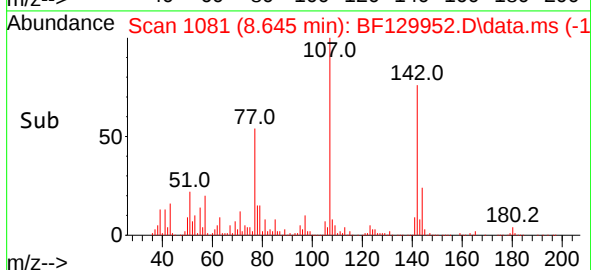
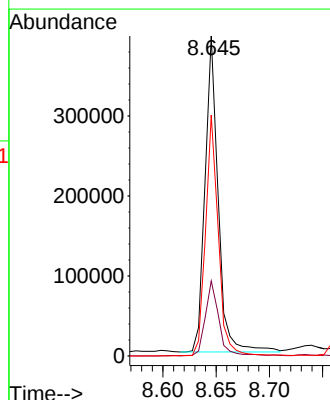
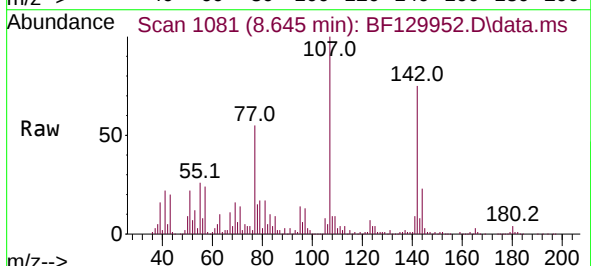
Delta R.T. 0.012 min

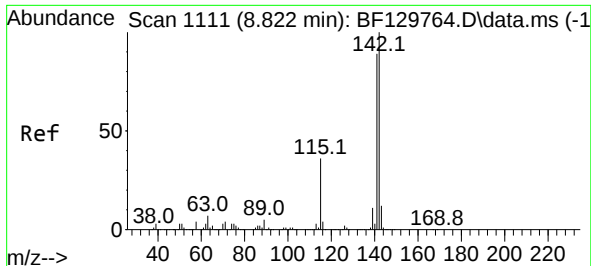
Lab File: BF129952.D

Acq: 23 Aug 2022 14:15

Tgt Ion:107 Resp: 338532

Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.9	29.9
142	75.3	60.2	90.4





#37

2-Methylnaphthalene

Concen: 43.904 ng

RT: 8.775 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF129952.D

Acq: 23 Aug 2022 14:15

Instrument :

BNA_F

ClientSampleId :

RBR-21153MS

Tgt Ion:142 Resp: 622796

Ion Ratio Lower Upper

142 100

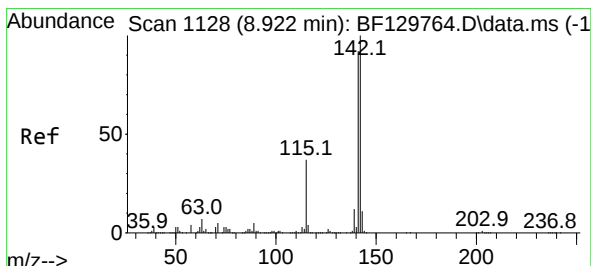
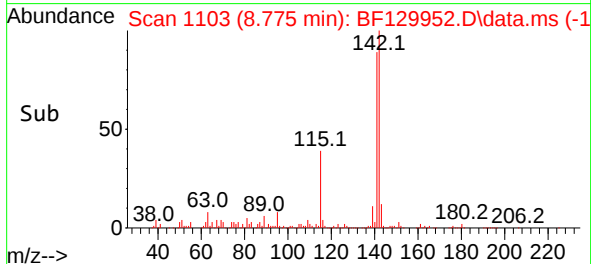
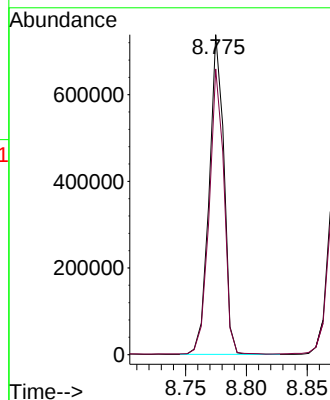
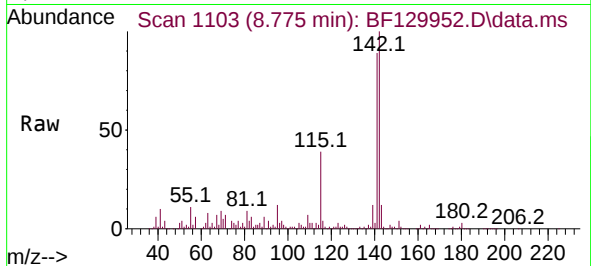
141 89.3 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#38

1-Methylnaphthalene

Concen: 42.849 ng

RT: 8.875 min Scan# 1120

Delta R.T. 0.006 min

Lab File: BF129952.D

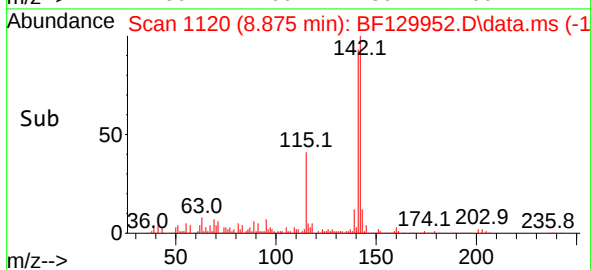
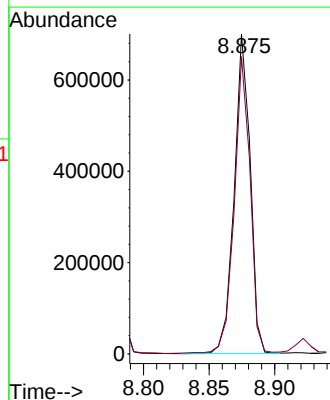
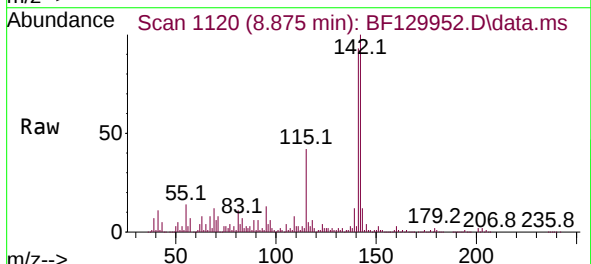
Acq: 23 Aug 2022 14:15

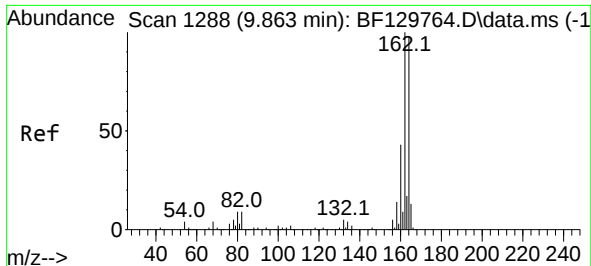
Tgt Ion:142 Resp: 590714

Ion Ratio Lower Upper

142 100

141 92.9 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1132

Delta R.T. 0.018 min

Lab File: BF129952.D

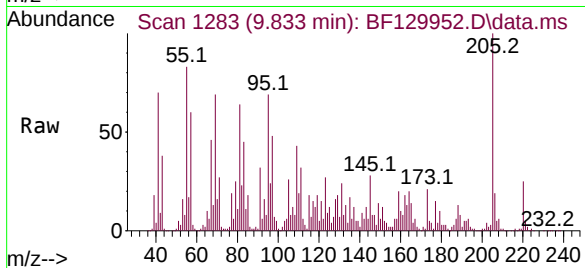
Acq: 23 Aug 2022 14:15

Instrument :

BNA_F

ClientSampleId :

RBR-21153MS

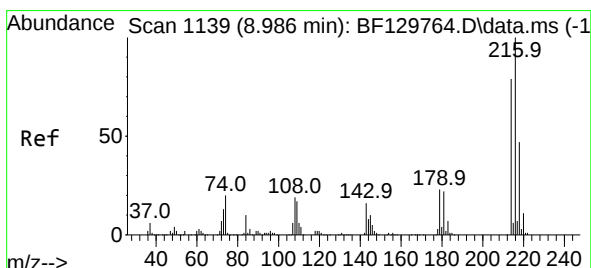
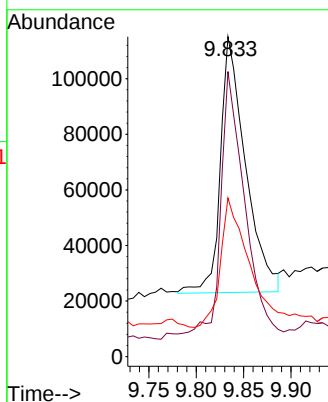
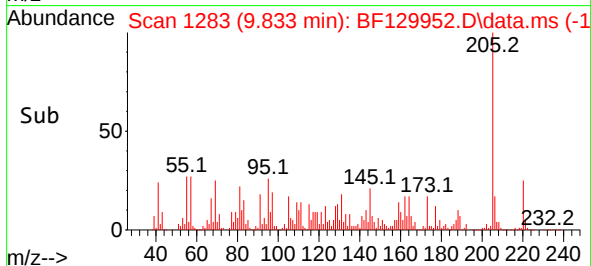


Tgt Ion	Ratio	Lower	Upper
164	100		
162	89.1	82.0	123.0
160	49.6	35.4	53.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#40

1,2,4,5-Tetrachlorobenzene

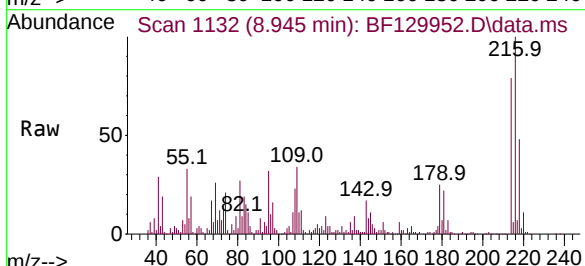
Concen: 56.895 ng

RT: 8.945 min Scan# 1132

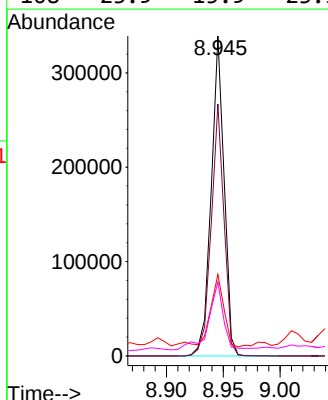
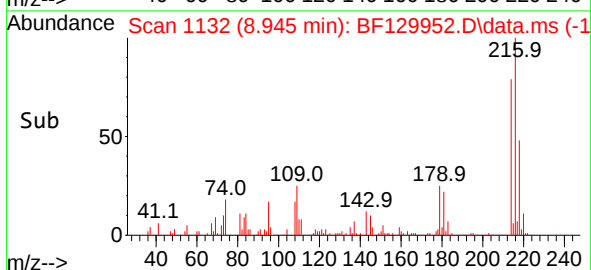
Delta R.T. 0.006 min

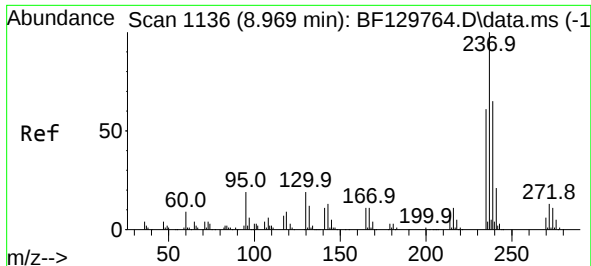
Lab File: BF129952.D

Acq: 23 Aug 2022 14:15



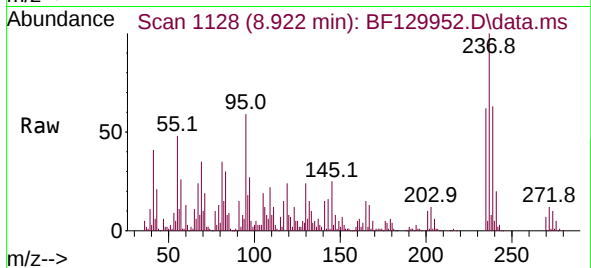
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.1	94.7
179	22.8	18.1	27.1
108	23.9	15.9	23.9





#41
Hexachlorocyclopentadiene
Concen: 98.610 ng
RT: 8.922 min Scan# 1136
Delta R.T. 0.006 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

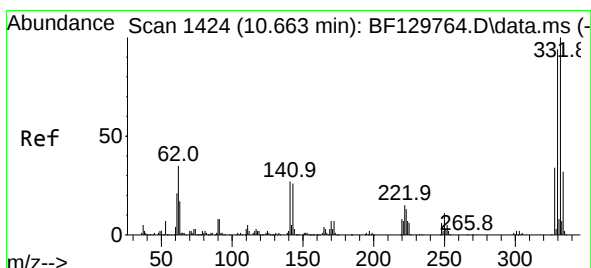
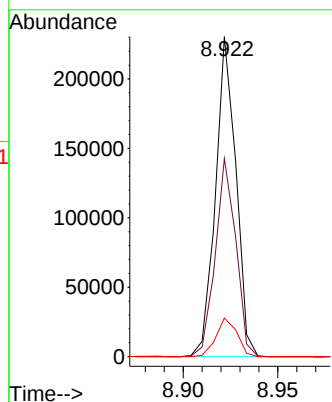
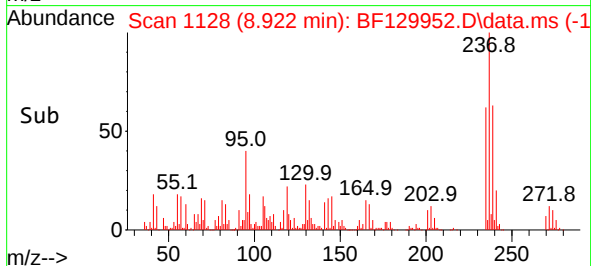
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



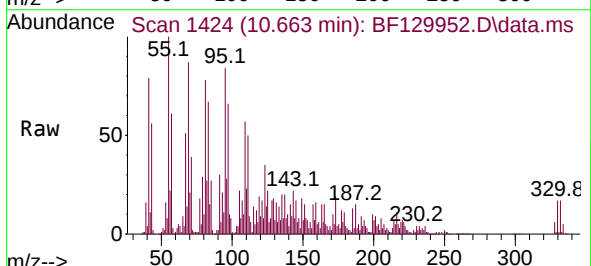
Tgt Ion: 237 Resp: 172935
Ion Ratio Lower Upper
237 100
235 61.9 41.5 81.5
272 12.0 0.0 33.3

Manual Integrations
APPROVED

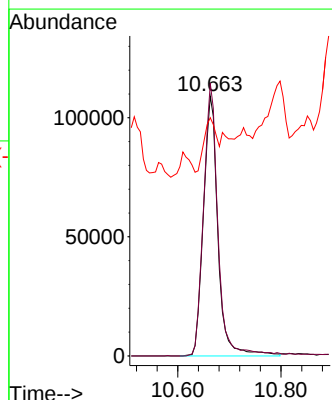
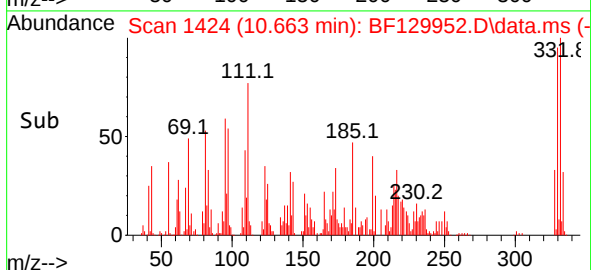
Reviewed By : Christian Giraldo 08/24/2022
Supervised By : Jagrut Upadhyay 08/24/2022

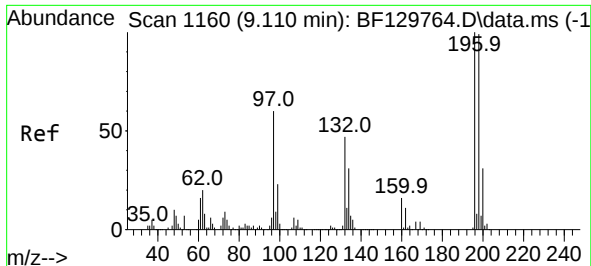


#42
2,4,6-Tribromophenol
Concen: 124.447 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.053 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15



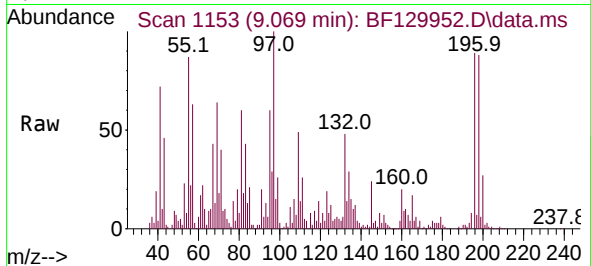
Tgt Ion: 330 Resp: 212573
Ion Ratio Lower Upper
330 100
332 104.7 82.6 124.0
141 18.3 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 53.758 ng
RT: 9.069 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

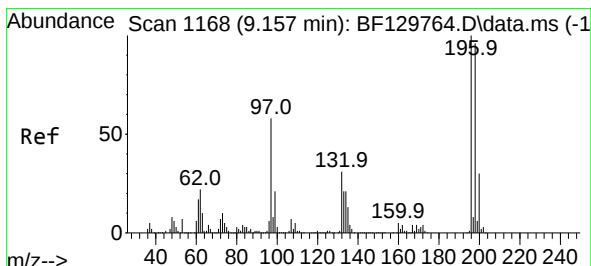
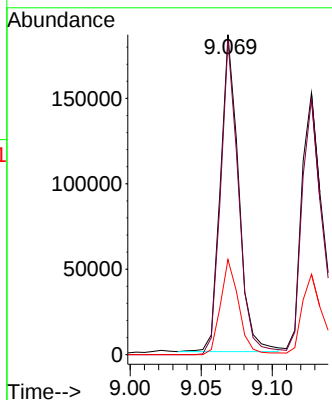
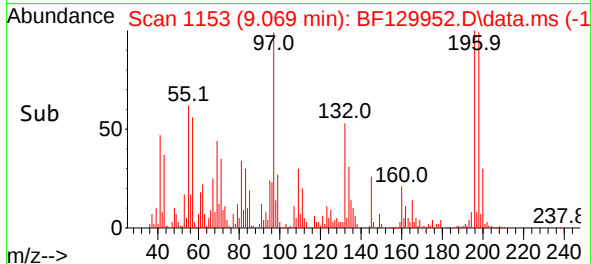
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



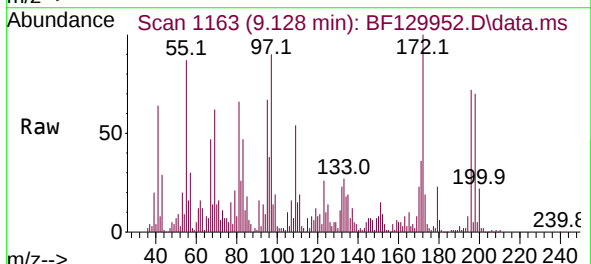
Tgt Ion:196 Resp: 165337
Ion Ratio Lower Upper
196 100
198 98.1 79.0 118.4
200 29.7 25.1 37.7

Manual Integrations
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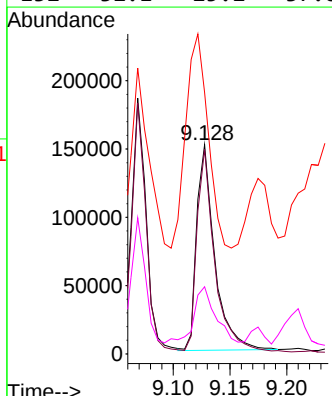
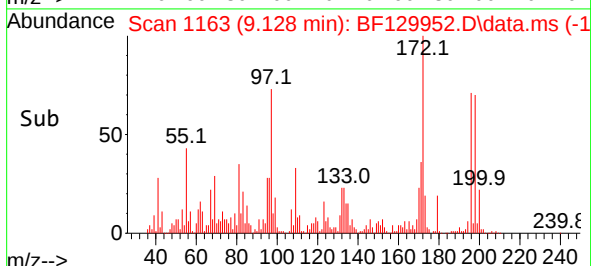
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

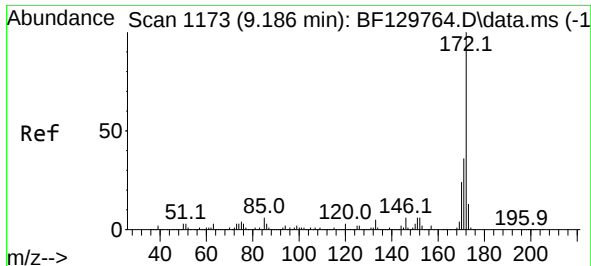


#44
2,4,5-Trichlorophenol
Concen: 50.387 ng
RT: 9.128 min Scan# 1163
Delta R.T. 0.018 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15



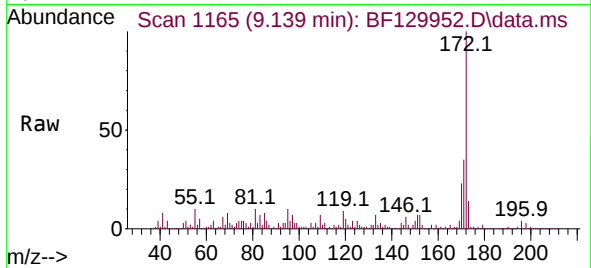
Tgt Ion:196 Resp: 166725
Ion Ratio Lower Upper
196 100
198 97.8 76.4 114.6
97 124.9 46.5 69.7#
132 32.1 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 101.594 ng
RT: 9.139 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

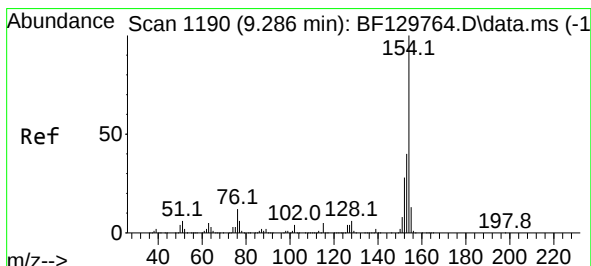
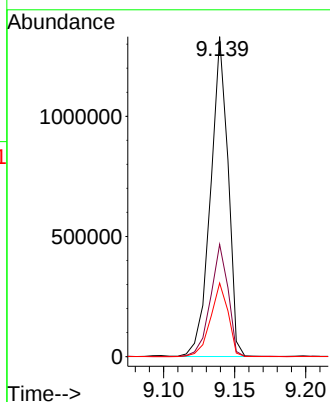
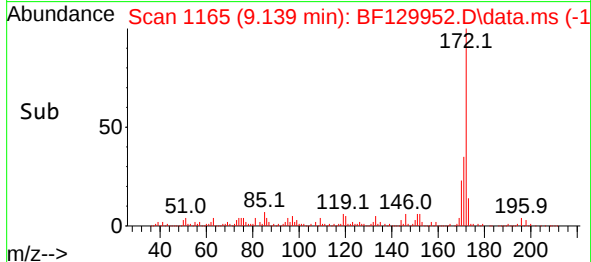
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



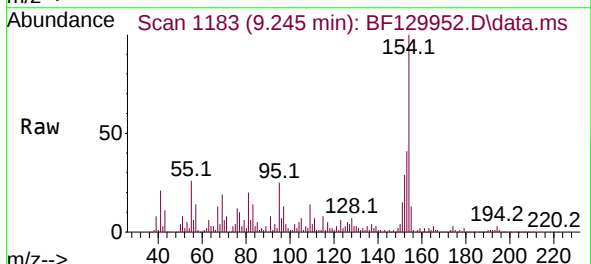
Tgt Ion:172 Resp: 1138435
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.0 19.1 28.7

Manual Integrations
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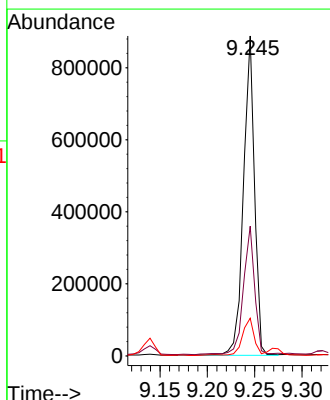
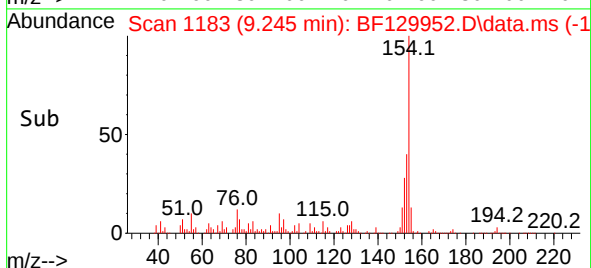
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

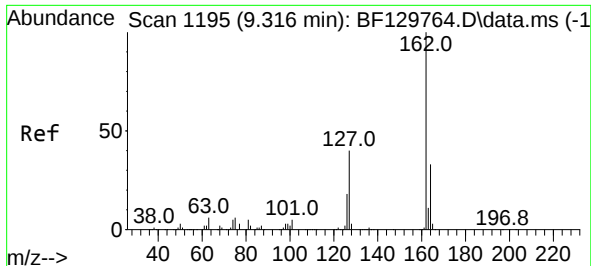


#46
1,1'-Biphenyl
Concen: 55.654 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.012 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15



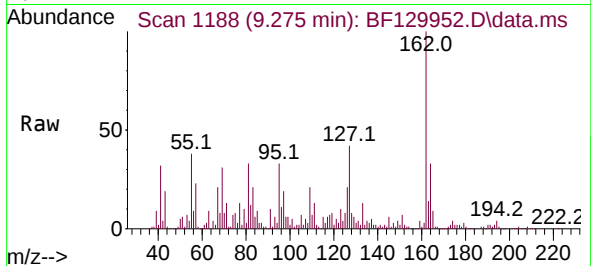
Tgt Ion:154 Resp: 719577
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 11.8 0.0 32.1





#47
2-Chloronaphthalene
Concen: 52.816 ng
RT: 9.275 min Scan# 1195
Delta R.T. 0.012 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

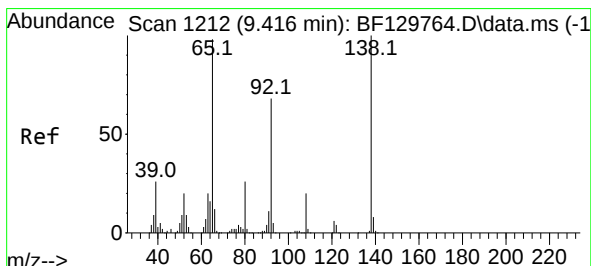
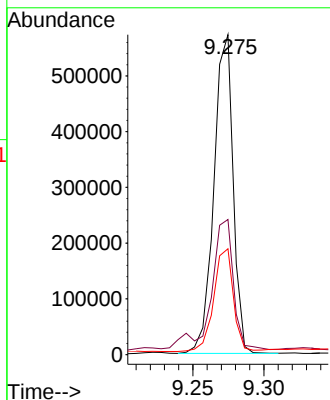
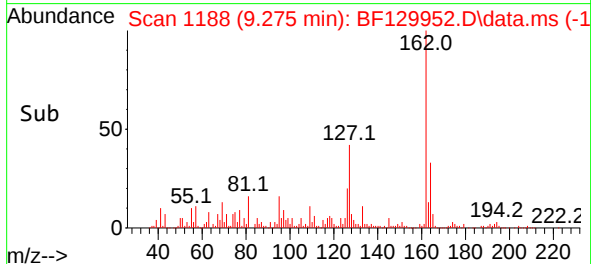
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



Tgt Ion:162 Resp: 540317
Ion Ratio Lower Upper
162 100
127 42.2 33.1 49.7
164 33.1 26.7 40.1

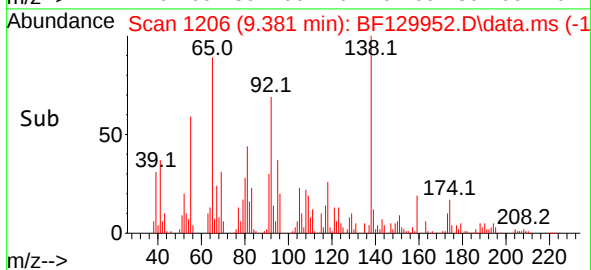
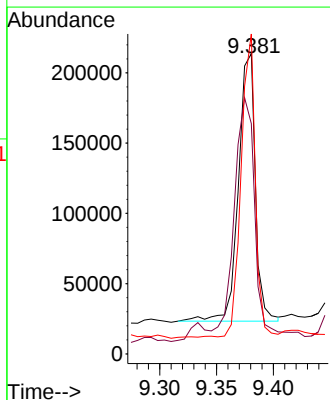
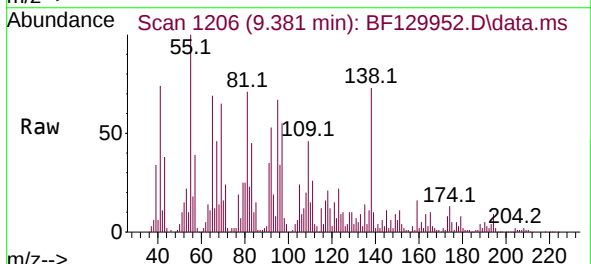
Manual Integrations
APPROVED

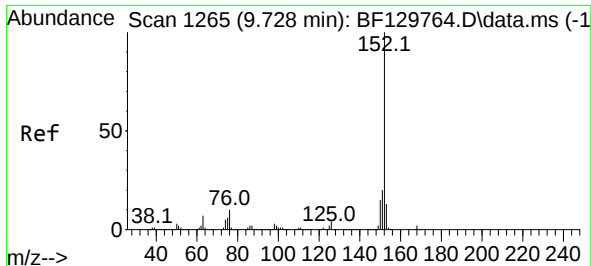
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#48
2-Nitroaniline
Concen: 61.122 ng
RT: 9.381 min Scan# 1206
Delta R.T. 0.012 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

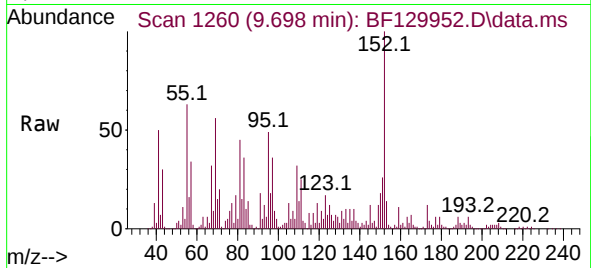
Tgt Ion: 65 Resp: 197603
Ion Ratio Lower Upper
65 100
92 76.7 55.0 82.4
138 106.6 81.3 121.9





#49
Acenaphthylene
Concen: 50.109 ng
RT: 9.698 min Scan# 1265
Delta R.T. 0.018 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

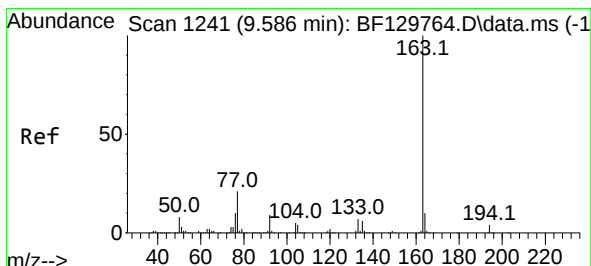
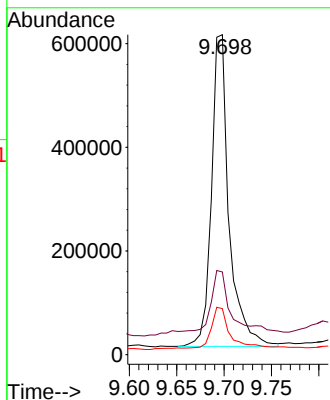
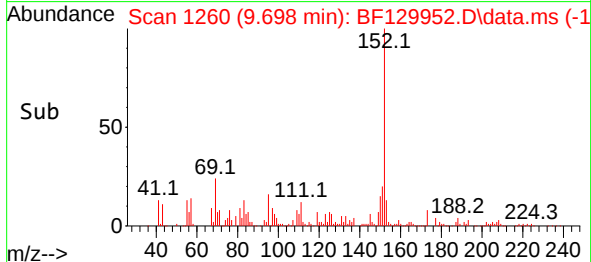
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



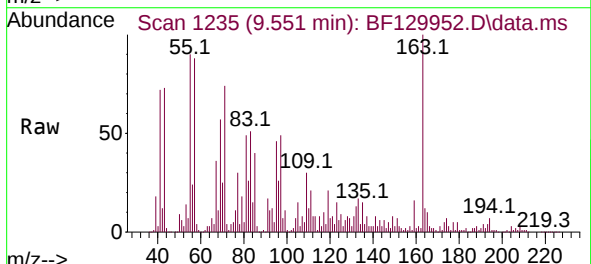
Tgt Ion:152 Resp: 777346
Ion Ratio Lower Upper
152 100
151 25.8 16.1 24.1
153 14.4 10.6 16.0

Manual Integrations
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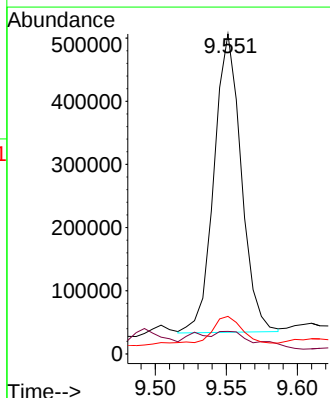
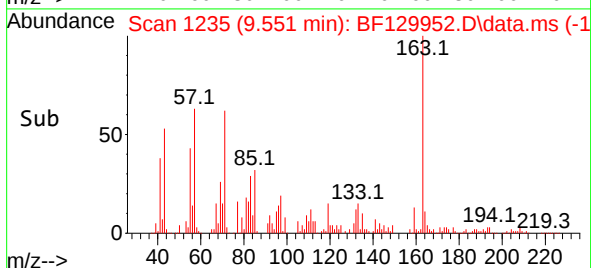
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

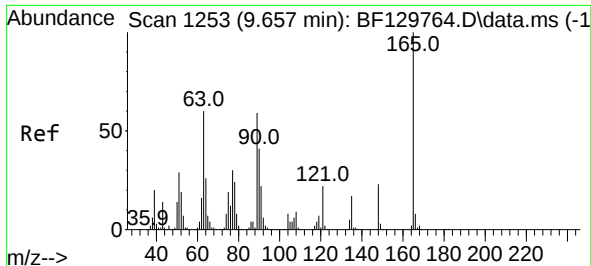


#50
Dimethylphthalate
Concen: 51.733 ng
RT: 9.551 min Scan# 1235
Delta R.T. 0.012 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15



Tgt Ion:163 Resp: 631165
Ion Ratio Lower Upper
163 100
194 7.0 3.3 4.9
164 11.7 8.2 12.2





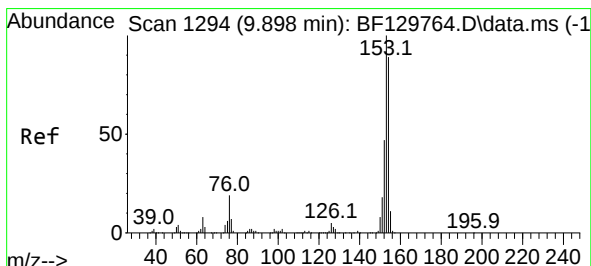
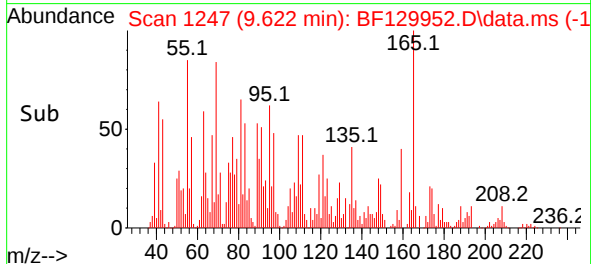
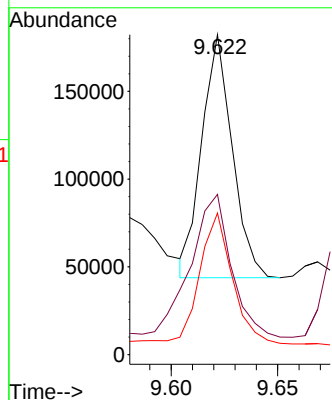
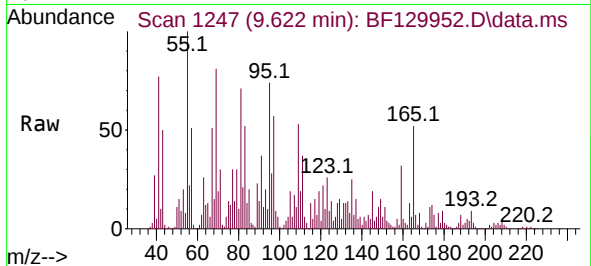
#51
2,6-Dinitrotoluene
Concen: 51.896 ng
RT: 9.622 min Scan# 1247
Delta R.T. 0.006 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Instrument :
BNA_F
ClientSampleId :
RBR-21153MS

Tgt Ion:165 Resp: 13734
Ion Ratio Lower Upper
165 100
63 50.1 47.8 71.8
89 44.2 47.2 70.8

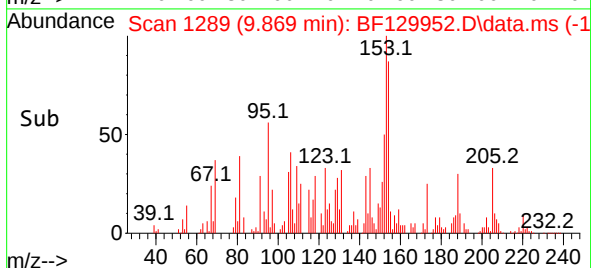
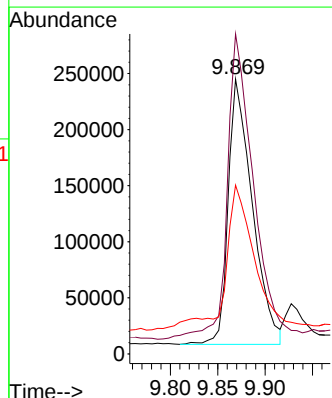
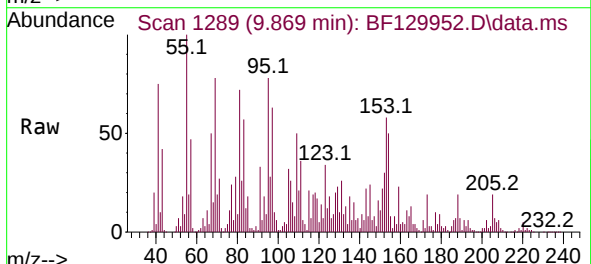
Manual Integrations
APPROVED

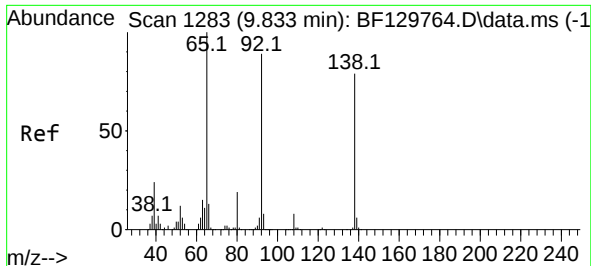
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#52
Acenaphthene
Concen: 44.566 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.018 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Tgt Ion:154 Resp: 419453
Ion Ratio Lower Upper
154 100
153 116.4 89.8 134.6
152 61.4 42.1 63.1





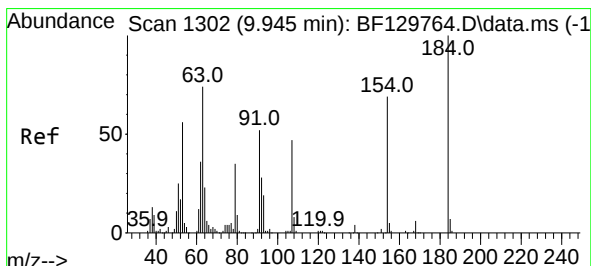
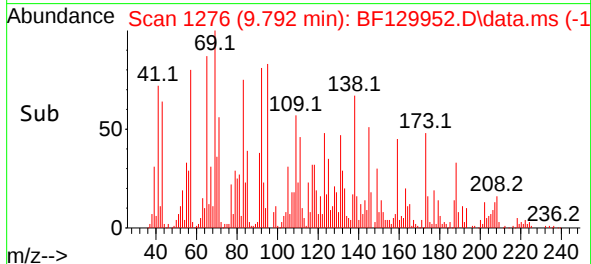
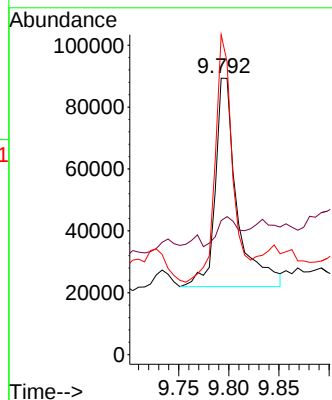
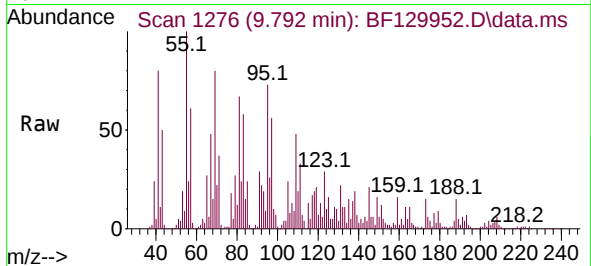
#53
3-Nitroaniline
Concen: 34.924 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Instrument :
BNA_F
ClientSampleId :
RBR-21153MS

Tgt Ion:138 Resp: 102215
Ion Ratio Lower Upper
138 100
108 48.5 8.4 12.6
92 115.8 89.8 134.8

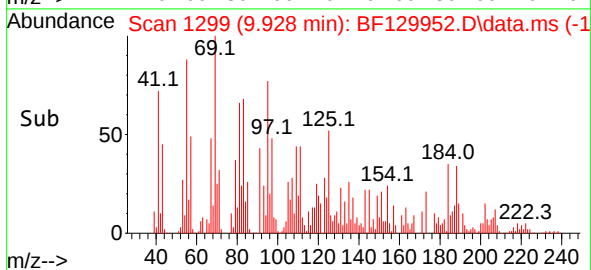
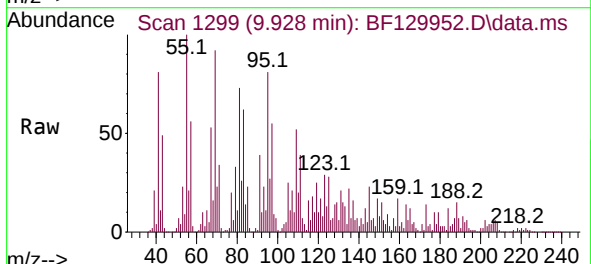
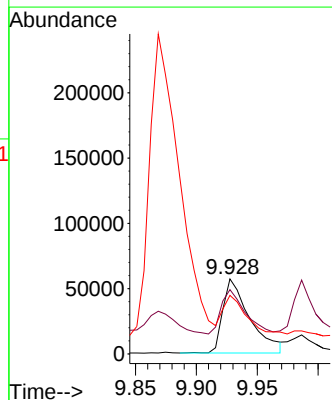
Manual Integrations
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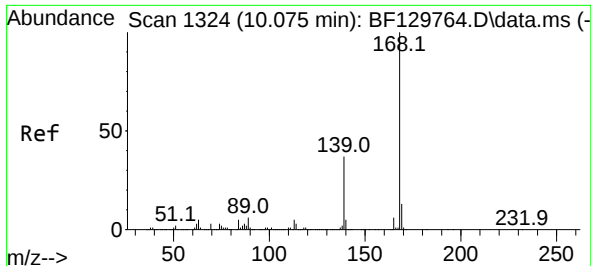
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#54
2,4-Dinitrophenol
Concen: 73.190 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.024 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

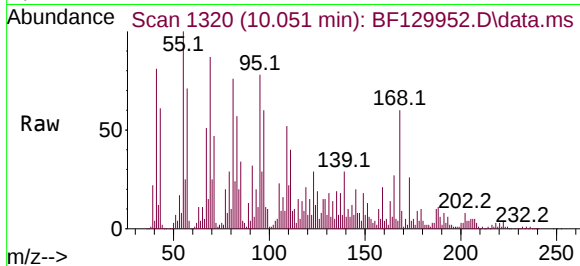
Tgt Ion:184 Resp: 86979
Ion Ratio Lower Upper
184 100
63 85.7 59.6 89.4
154 78.0 55.3 82.9





#55
Dibenzenofuran
Concen: 44.616 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.029 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

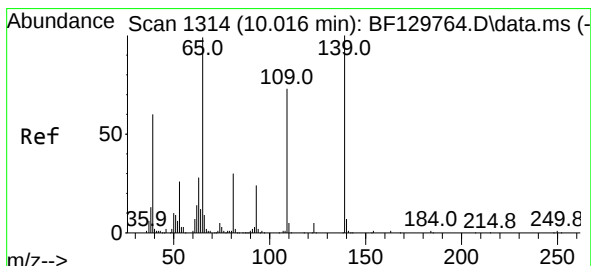
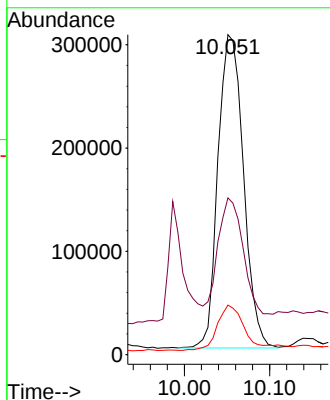
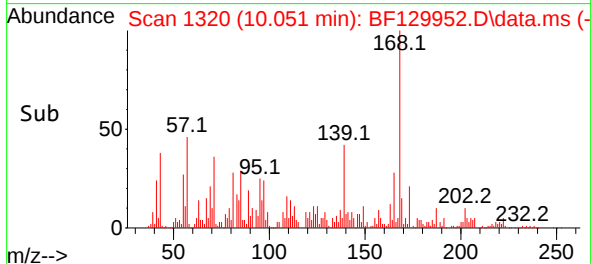
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



Tgt Ion:168 Resp: 630862
Ion Ratio Lower Upper
168 100
139 49.0 31.3 46.9
169 15.5 10.7 16.1

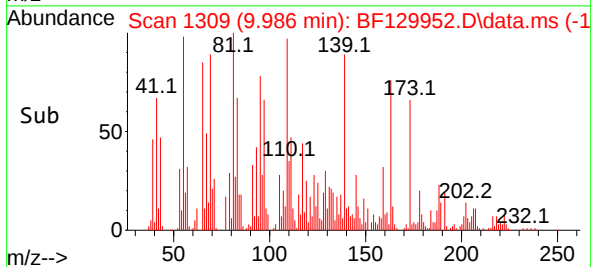
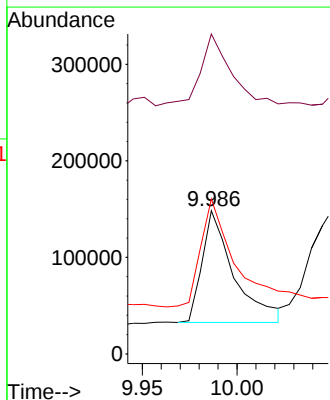
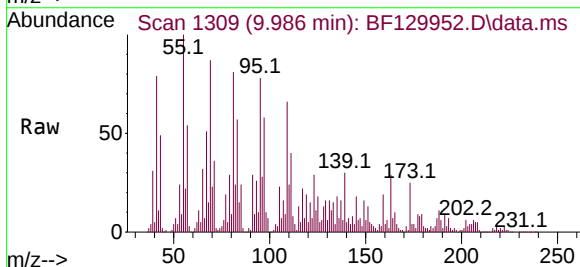
Manual Integrations
APPROVED

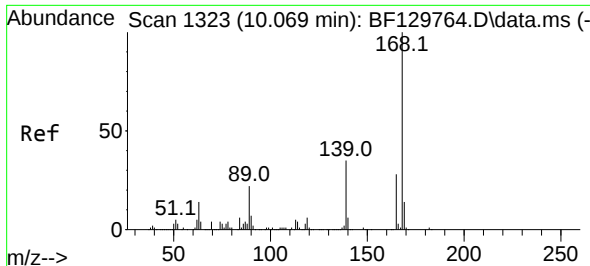
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#56
4-Nitrophenol
Concen: 104.219 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.012 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

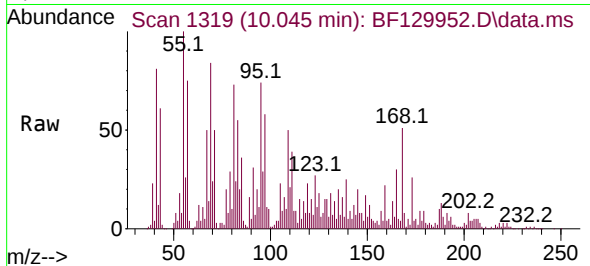
Tgt Ion:139 Resp: 135702
Ion Ratio Lower Upper
139 100
109 223.7 52.9 92.9
65 108.3 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 60.096 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.024 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

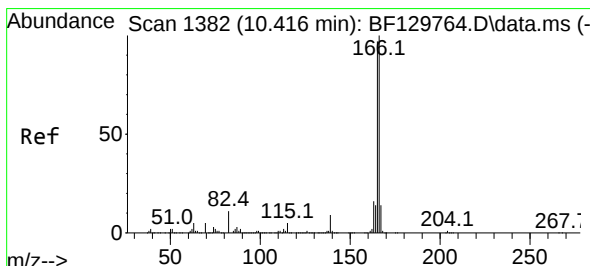
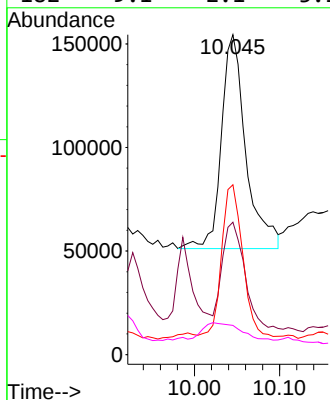
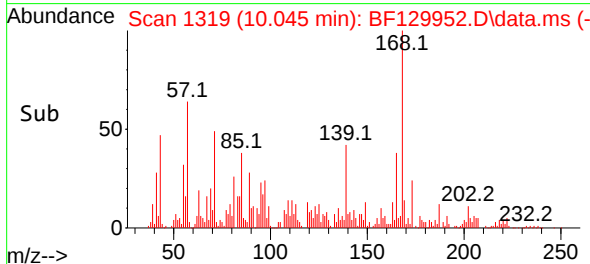
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



Tgt Ion:165 Resp: 206462
Ion Ratio Lower Upper
165 100
63 41.4 48.4 72.6
89 53.1 62.3 93.5
182 9.1 2.1 3.1#

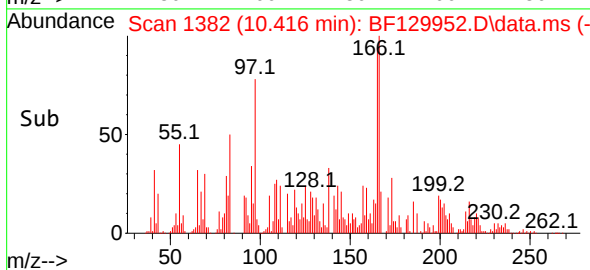
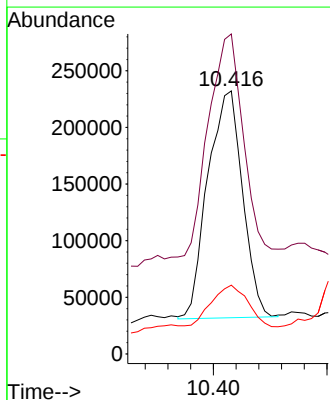
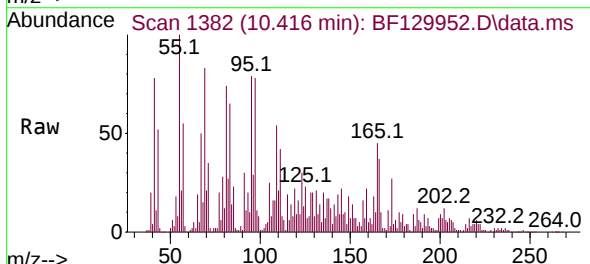
Manual Integrations
APPROVED

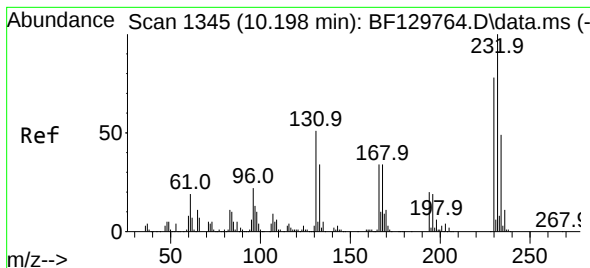
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#58
Fluorene
Concen: 36.104 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.053 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

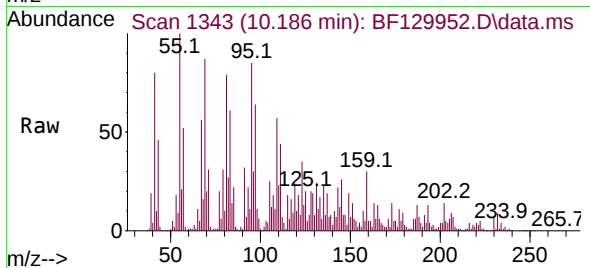
Tgt Ion:166 Resp: 426262
Ion Ratio Lower Upper
166 100
165 121.7 77.9 116.9#
167 26.2 11.0 16.4#





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.313 ng
RT: 10.186 min Scan# 1343
Delta R.T. 0.035 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

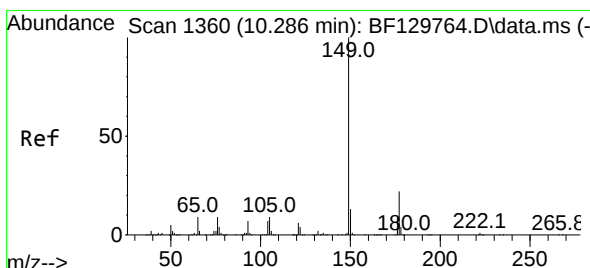
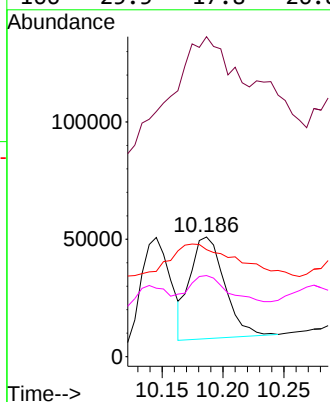
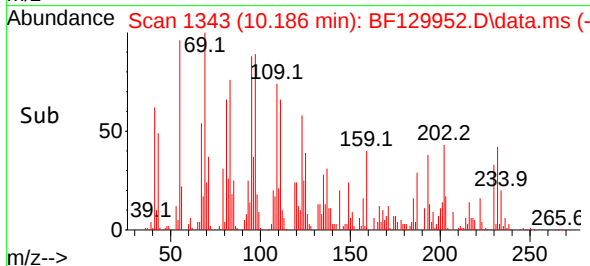
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



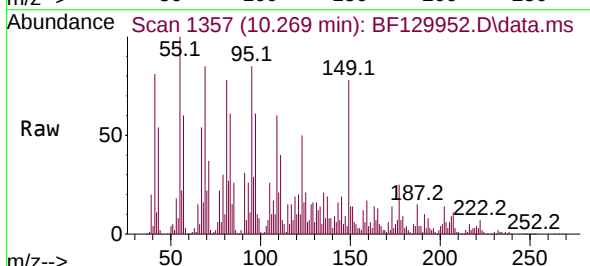
Tgt Ion:232 Resp: 85750
Ion Ratio Lower Upper
232 100
131 251.0 29.9 44.9#
130 59.8 1.5 2.3#
166 25.5 17.8 26.8#

Manual Integrations
APPROVED

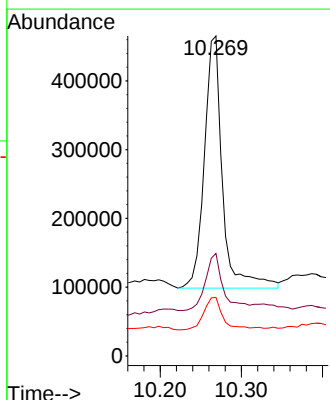
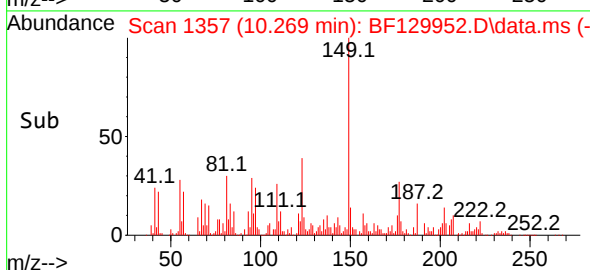
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

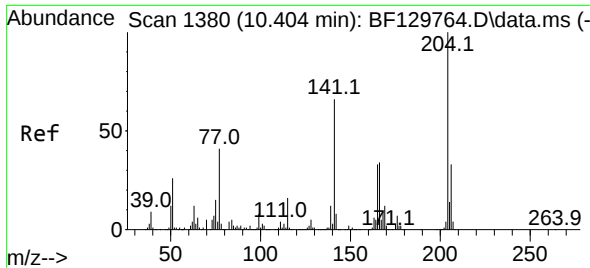


#60
Diethylphthalate
Concen: 46.754 ng
RT: 10.269 min Scan# 1357
Delta R.T. 0.029 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15



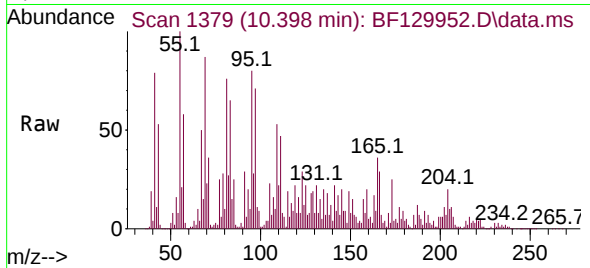
Tgt Ion:149 Resp: 568781
Ion Ratio Lower Upper
149 100
177 32.0 17.7 26.5#
150 18.3 10.1 15.1#





#61
4-Chlorophenyl-phenylether
Concen: 38.319 ng
RT: 10.398 min Scan# 1379
Delta R.T. 0.047 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

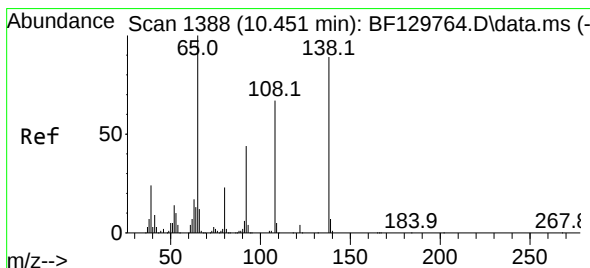
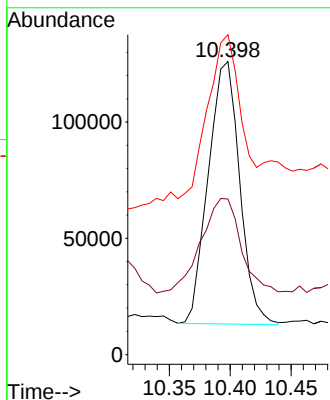
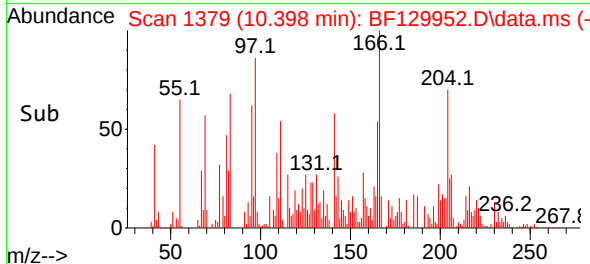
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



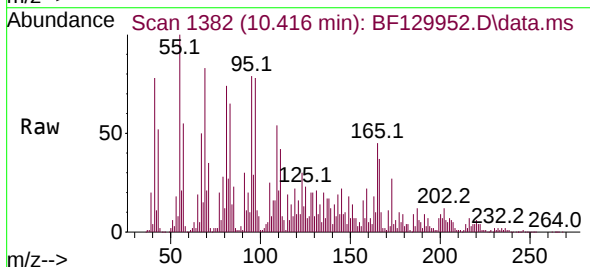
Tgt Ion:204 Resp: 203024
Ion Ratio Lower Upper
204 100
206 53.1 26.5 39.7
141 109.2 52.6 79.0

Manual Integrations
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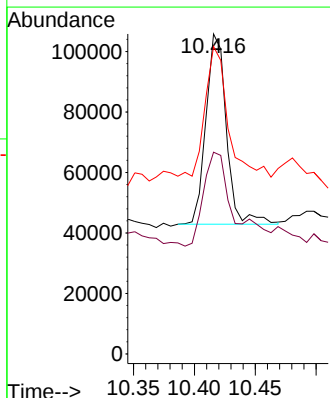
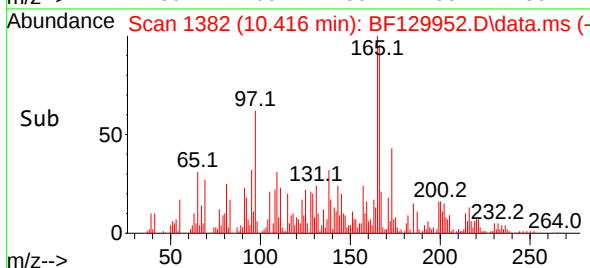
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

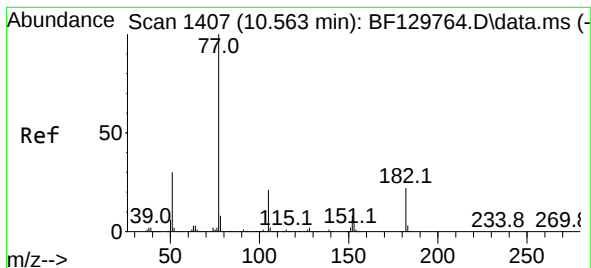


#62
4-Nitroaniline
Concen: 24.920 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.012 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15



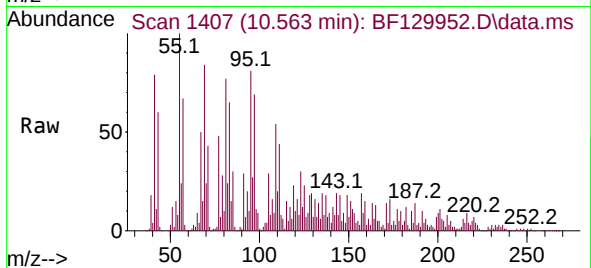
Tgt Ion:138 Resp: 73581
Ion Ratio Lower Upper
138 100
92 63.0 30.3 70.3
108 96.0 55.7 95.7





#63
Azobenzene
Concen: 30.519 ng
RT: 10.563 min Scan# 1407
Delta R.T. 0.047 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

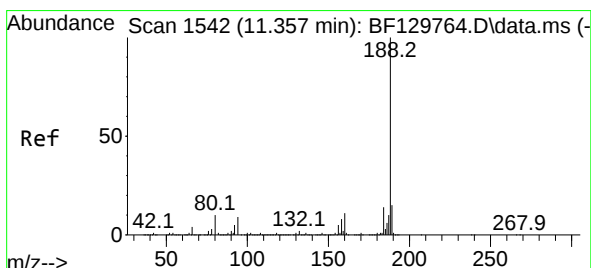
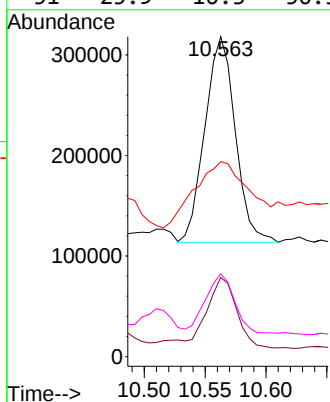
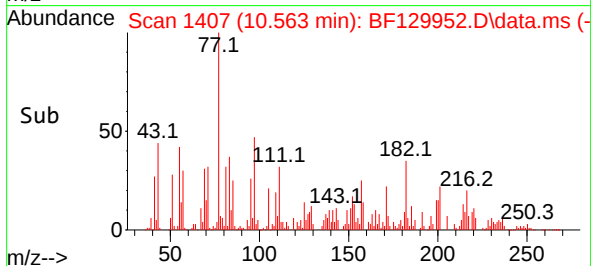
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



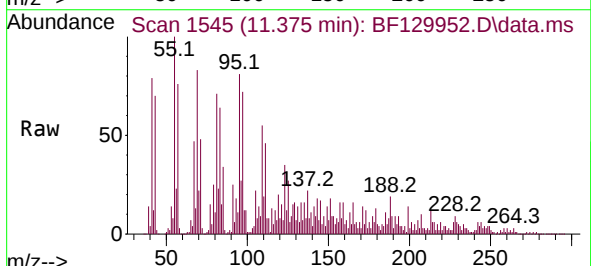
Tgt Ion: 77 Resp: 354882
Ion Ratio Lower Upper
77 100
182 24.7 2.2 42.2
105 60.9 0.8 40.8
51 25.9 10.3 50.3

Manual Integrations
APPROVED

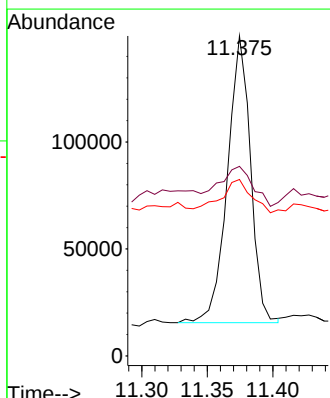
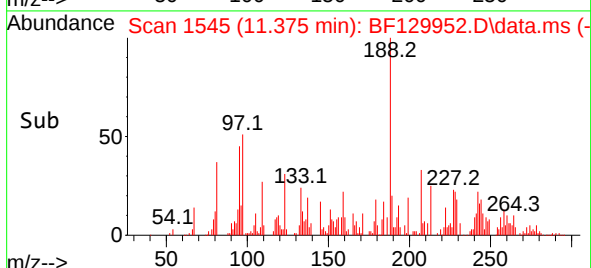
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

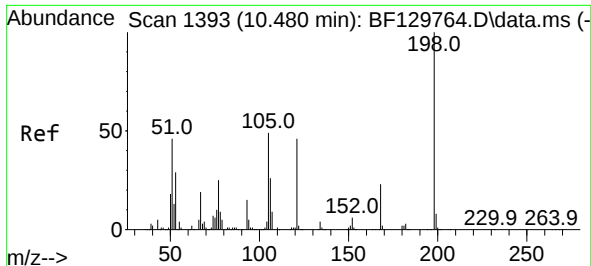


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. 0.071 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15



Tgt Ion:188 Resp: 164040
Ion Ratio Lower Upper
188 100
94 59.2 7.4 11.2#
80 55.1 7.9 11.9#





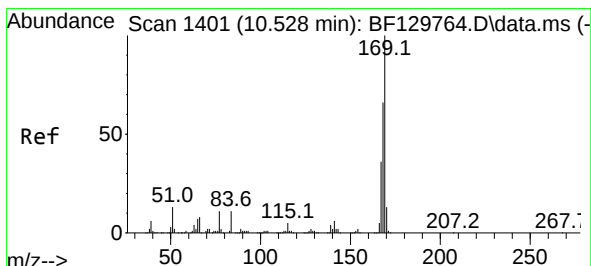
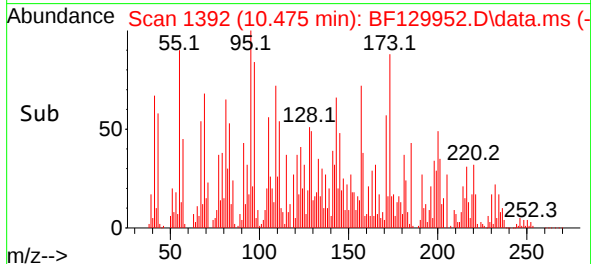
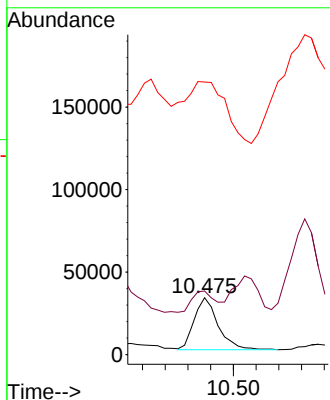
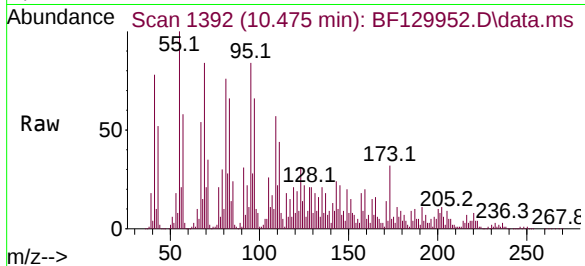
#65
4,6-Dinitro-2-methylphenol
Concen: 47.688 ng
RT: 10.475 min Scan# 1392
Delta R.T. 0.035 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Instrument :
BNA_F
ClientSampleId :
RBR-21153MS

Tgt Ion:198 Resp: 45924
Ion Ratio Lower Upper
198 100
51 111.8 29.4 69.4
105 479.1 29.2 69.2

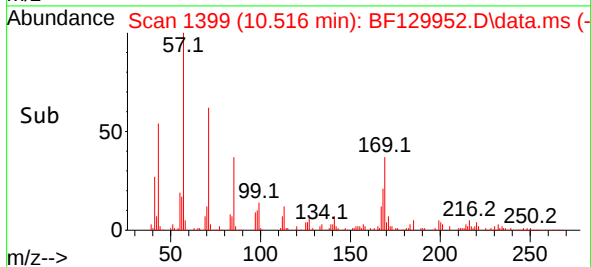
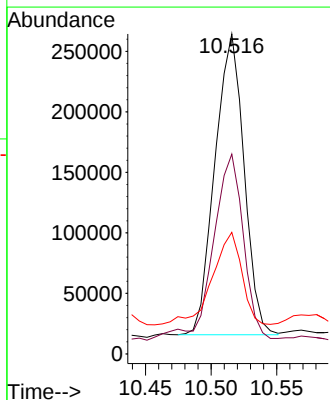
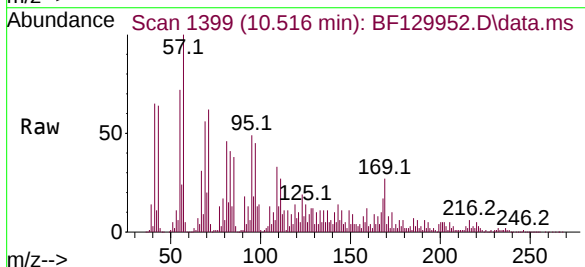
Manual Integrations
APPROVED

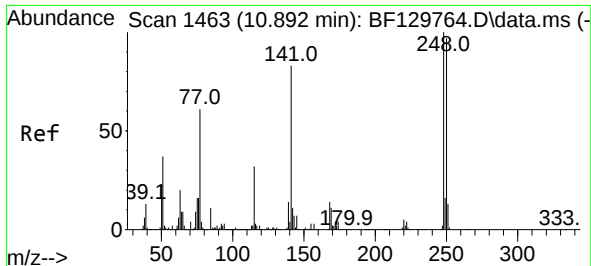
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#66
n-Nitrosodiphenylamine
Concen: 69.320 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.035 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

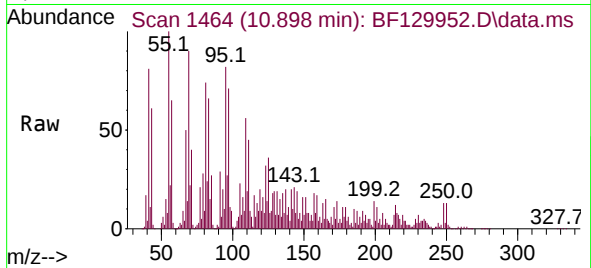
Tgt Ion:169 Resp: 383804
Ion Ratio Lower Upper
169 100
168 62.4 53.4 80.2
167 38.0 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 60.402 ng
RT: 10.898 min Scan# 1463
Delta R.T. 0.053 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

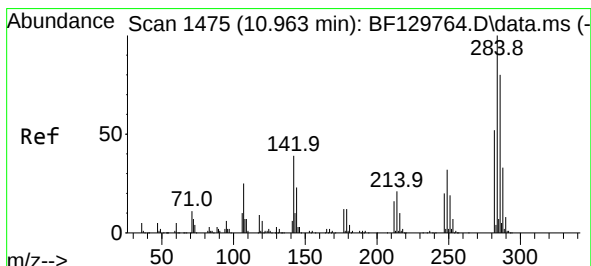
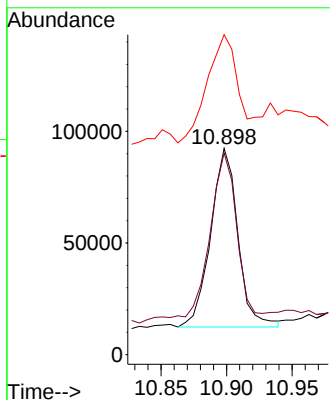
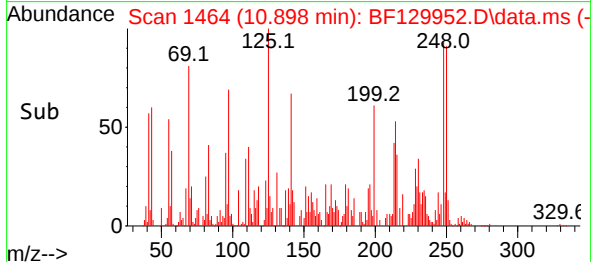
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



Tgt Ion:248 Resp: 116053
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.6
141 155.2 66.2 99.2

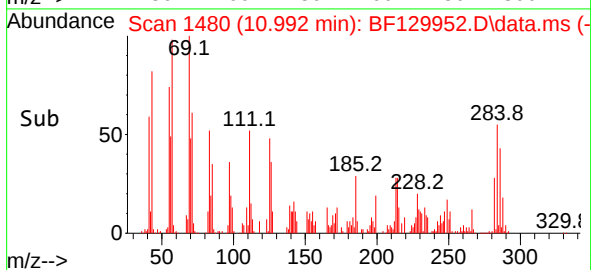
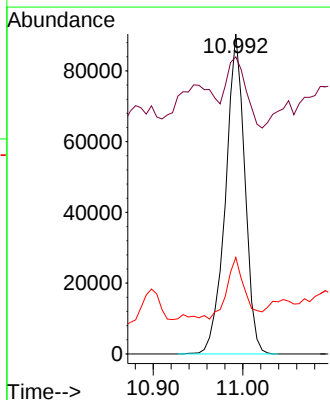
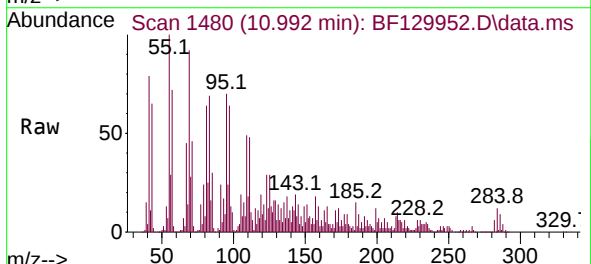
Manual Integrations
APPROVED

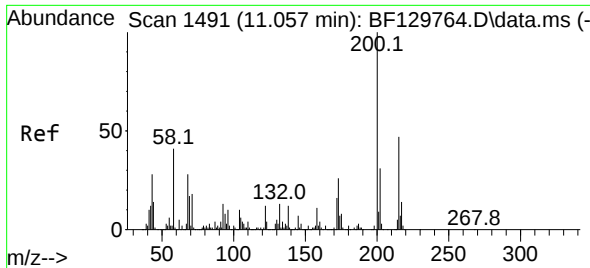
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#68
Hexachlorobenzene
Concen: 64.813 ng
RT: 10.992 min Scan# 1480
Delta R.T. 0.077 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

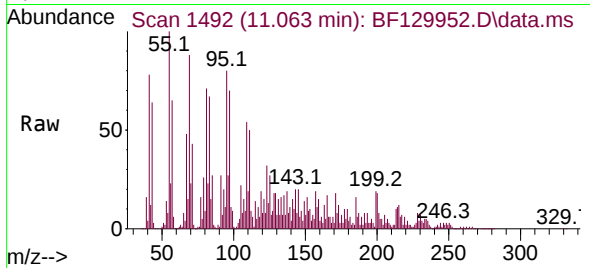
Tgt Ion:284 Resp: 134893
Ion Ratio Lower Upper
284 100
142 92.8 31.4 47.0#
249 30.1 25.7 38.5





#69
Atrazine
Concen: 128.067 ng m
RT: 11.063 min Scan# 1491
Delta R.T. 0.053 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

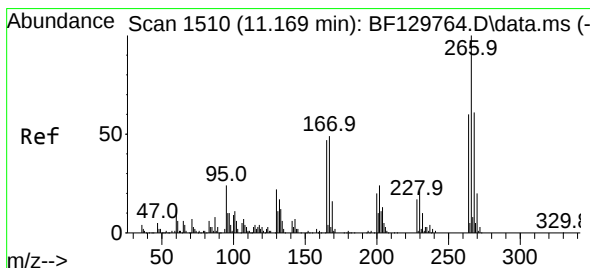
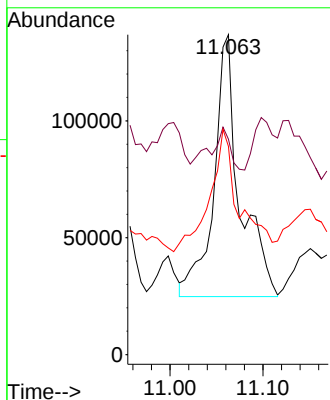
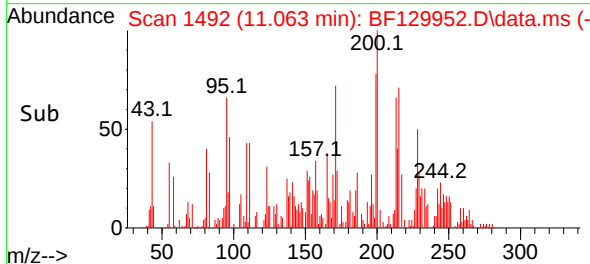
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



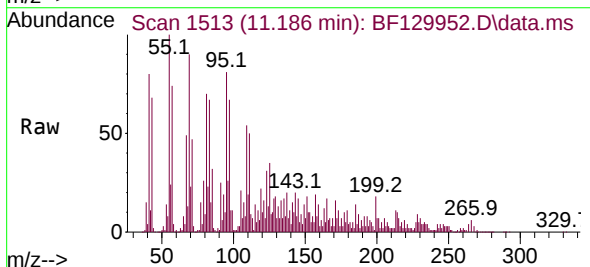
Tgt Ion:200 Resp: 217630
Ion Ratio Lower Upper
200 100
173 67.3 6.4 46.4
215 65.1 27.1 67.1

Manual Integrations
APPROVED

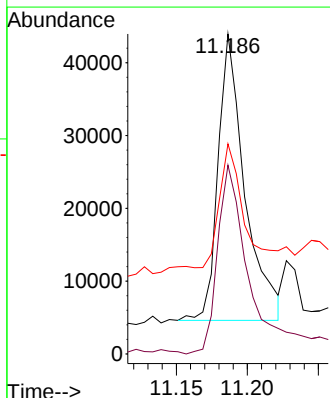
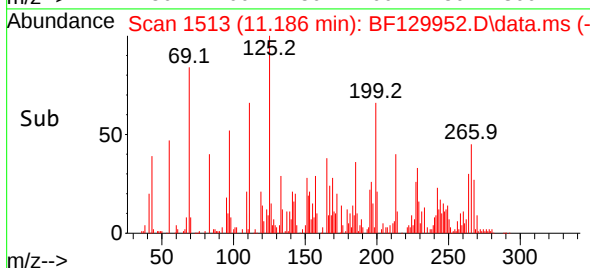
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

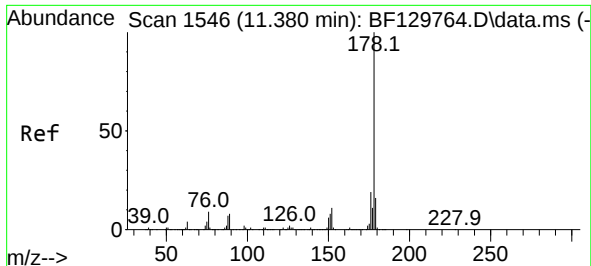


#70
Pentachlorophenol
Concen: 82.448 ng
RT: 11.186 min Scan# 1513
Delta R.T. 0.065 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15



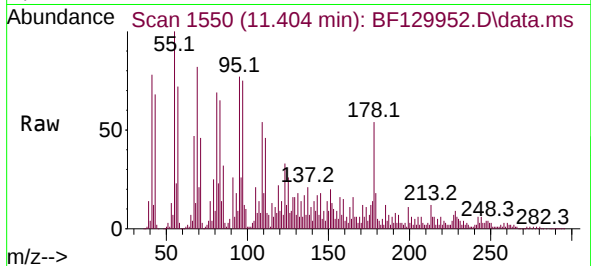
Tgt Ion:266 Resp: 51542
Ion Ratio Lower Upper
266 100
268 59.0 49.0 73.4
264 65.6 47.9 71.9





#71
Phenanthrene
Concen: 50.199 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.077 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

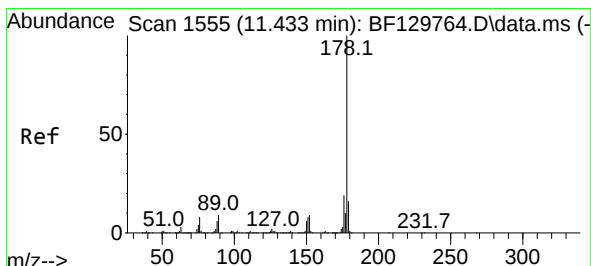
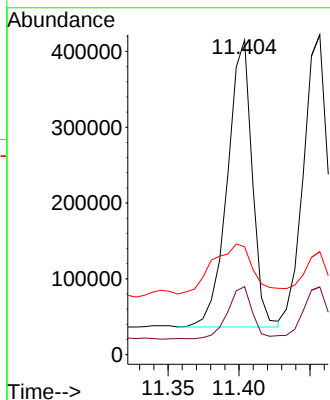
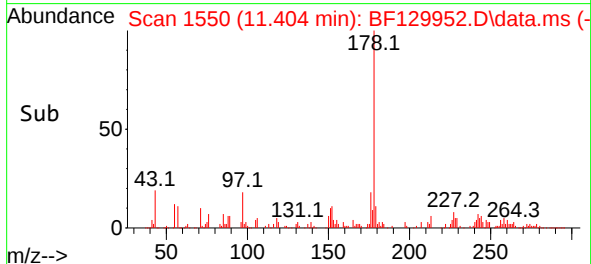
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



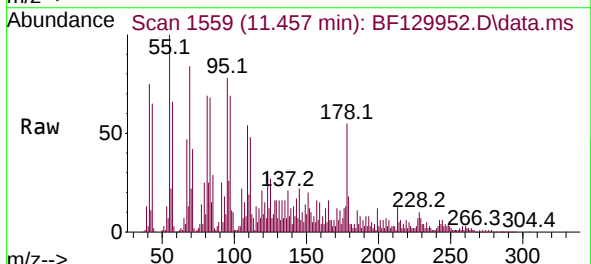
Tgt Ion:178 Resp: 459907
Ion Ratio Lower Upper
178 100
176 21.6 15.5 23.3
179 34.3 12.5 18.7

Manual Integrations
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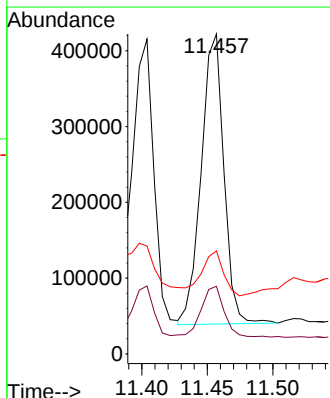
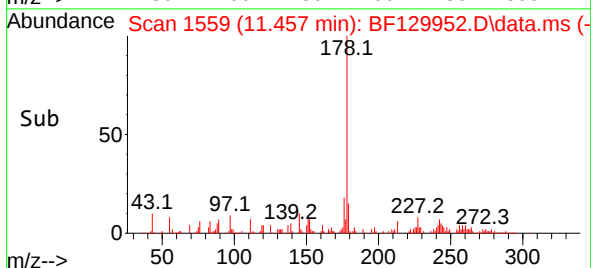
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

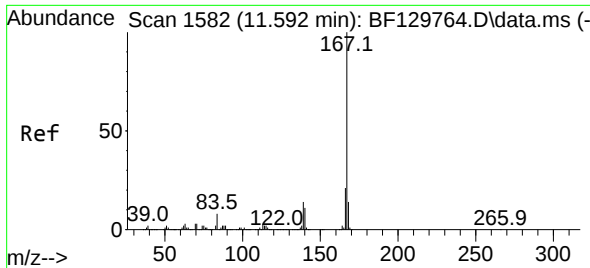


#72
Anthracene
Concen: 50.643 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.077 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15



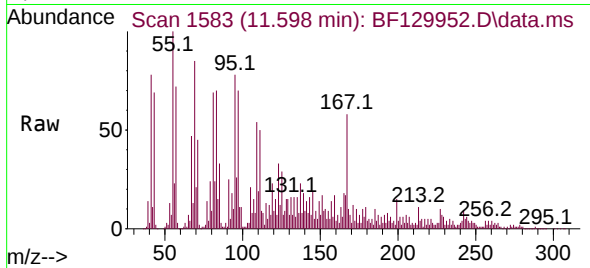
Tgt Ion:178 Resp: 461400
Ion Ratio Lower Upper
178 100
176 21.1 15.1 22.7
179 32.2 12.6 18.8





#73
 Carbazole
 Concen: 51.524 ng
 RT: 11.598 min Scan# 11583
 Delta R.T. 0.053 min
 Lab File: BF129952.D
 Acq: 23 Aug 2022 14:15

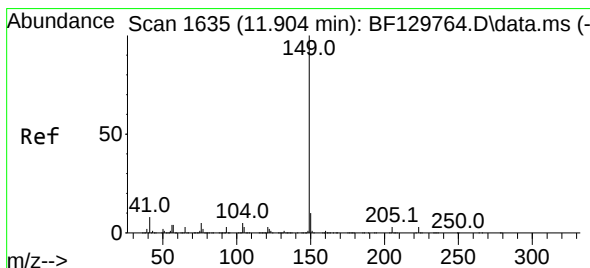
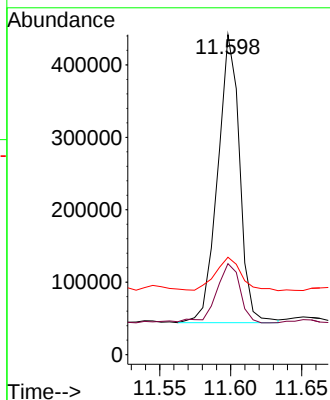
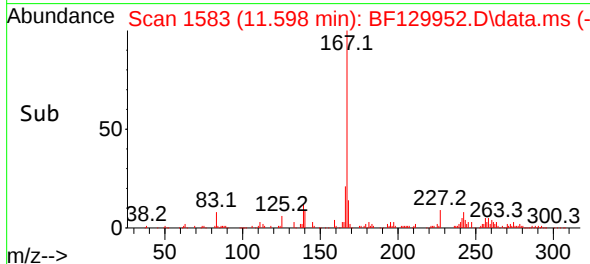
Instrument :
 BNA_F
 ClientSampleId :
 RBR-21153MS



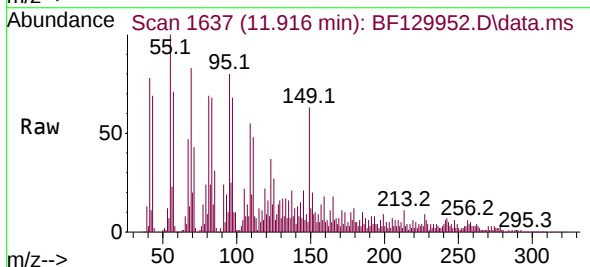
Tgt Ion:167 Resp: 426120
 Ion Ratio Lower Upper
 167 100
 166 28.4 17.1 25.7
 139 30.4 11.0 16.6

Manual Integrations
 APPROVED

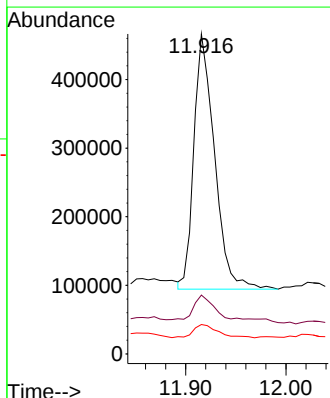
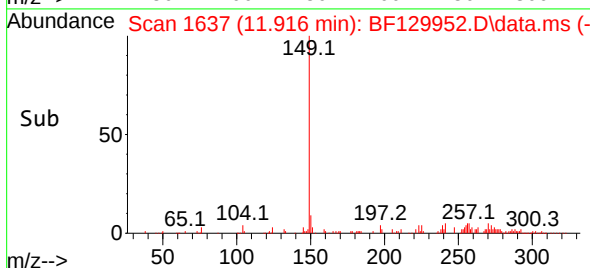
Reviewed By :Christian Giraldo 08/24/2022
 Supervised By :Jagrut Upadhyay 08/24/2022

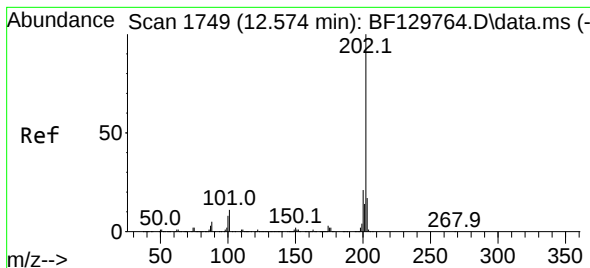


#74
 Di-n-butylphthalate
 Concen: 50.017 ng
 RT: 11.916 min Scan# 1637
 Delta R.T. 0.059 min
 Lab File: BF129952.D
 Acq: 23 Aug 2022 14:15



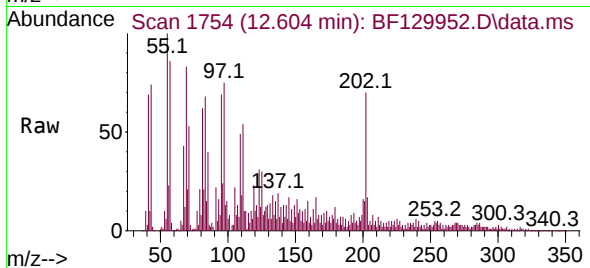
Tgt Ion:149 Resp: 532387
 Ion Ratio Lower Upper
 149 100
 150 18.4 7.8 11.6#
 104 9.2 4.2 6.4#





#75
Fluoranthene
Concen: 61.743 ng
RT: 12.604 min Scan# 1749
Delta R.T. 0.082 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

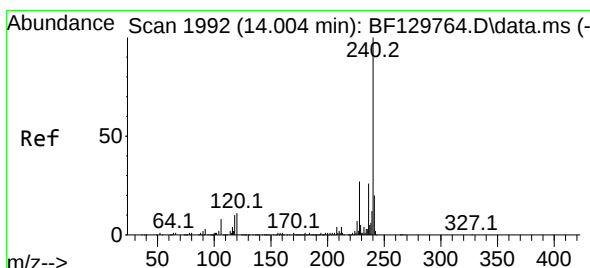
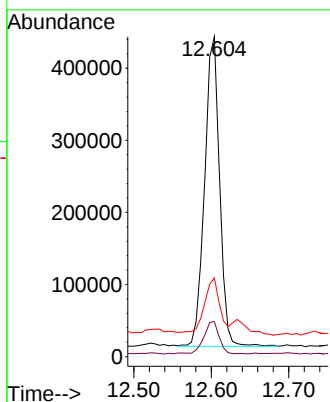
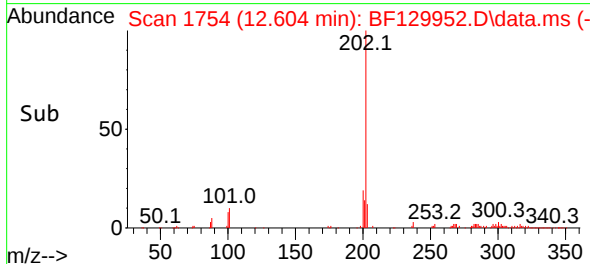
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



Tgt Ion:202 Resp: 578835
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 24.7 0.0 37.5

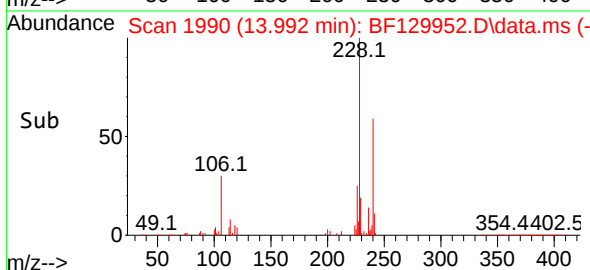
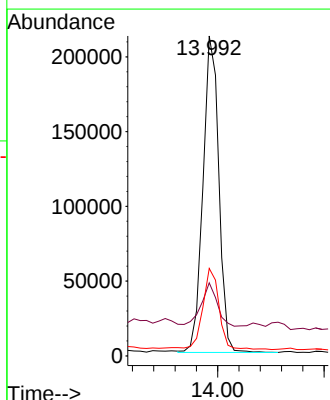
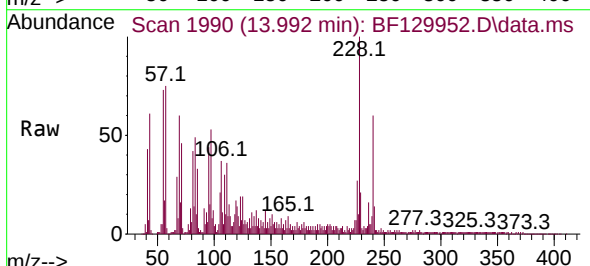
Manual Integrations
APPROVED

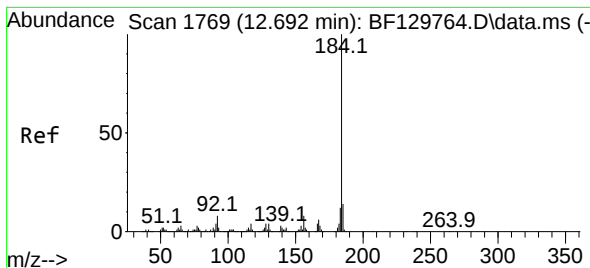
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.041 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Tgt Ion:240 Resp: 218082
Ion Ratio Lower Upper
240 100
120 22.8 9.2 13.8#
236 27.3 20.7 31.1





#77

Benzidine

Concen: 25.584 ng

RT: 12.698 min Scan# 1769

Delta R.T. 0.053 min

Lab File: BF129952.D

Acq: 23 Aug 2022 14:15

Instrument :

BNA_F

ClientSampleId :

RBR-21153MS

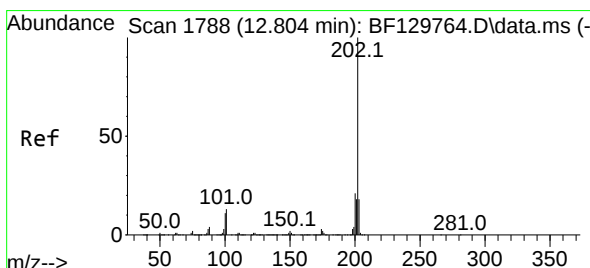
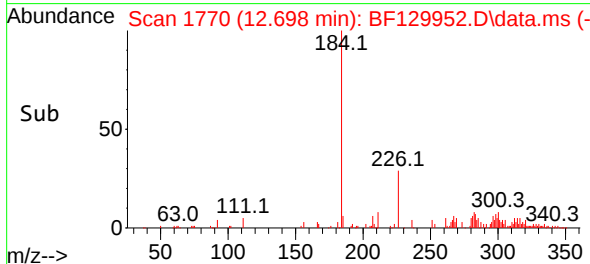
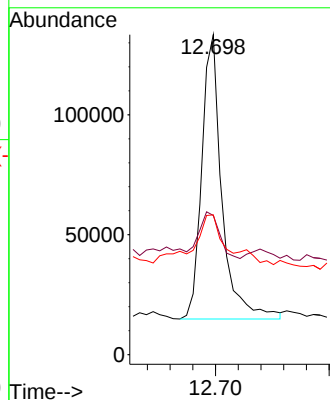
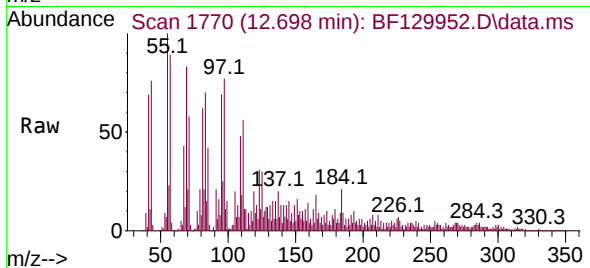
Tgt Ion:184 Resp: 14601

Ion	Ratio	Lower	Upper
184	100		
185	43.5	11.4	17.2
183	43.7	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#78

Pyrene

Concen: 32.082 ng

RT: 12.827 min Scan# 1792

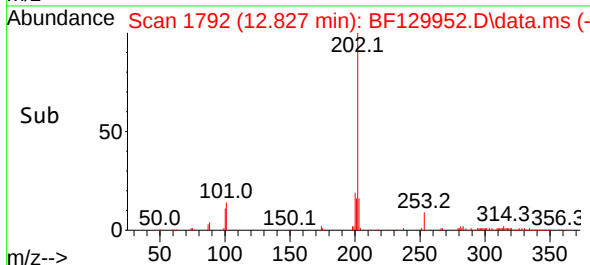
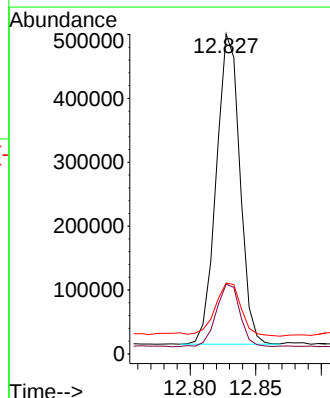
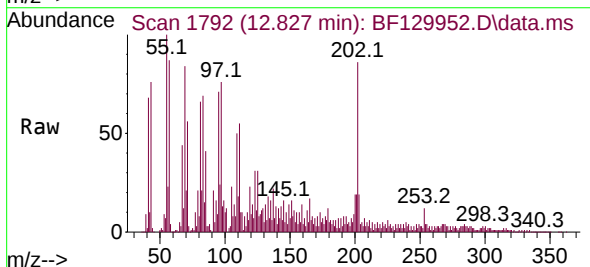
Delta R.T. 0.077 min

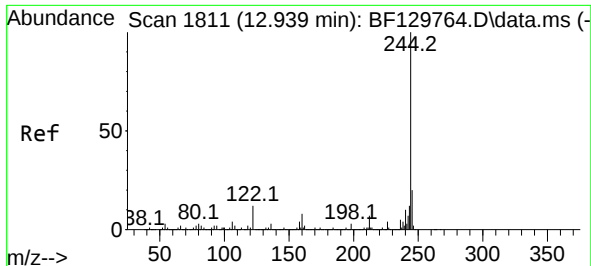
Lab File: BF129952.D

Acq: 23 Aug 2022 14:15

Tgt Ion:202 Resp: 607991

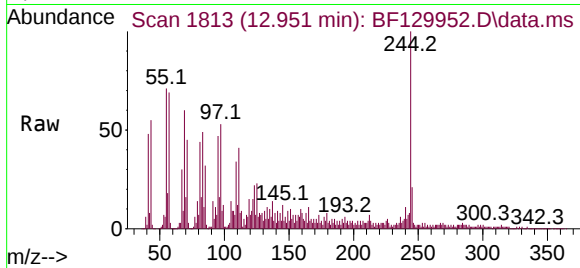
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.6
203	22.1	14.1	21.1





#79
 Terphenyl-d14
 Concen: 66.581 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.065 min
 Lab File: BF129952.D
 Acq: 23 Aug 2022 14:15

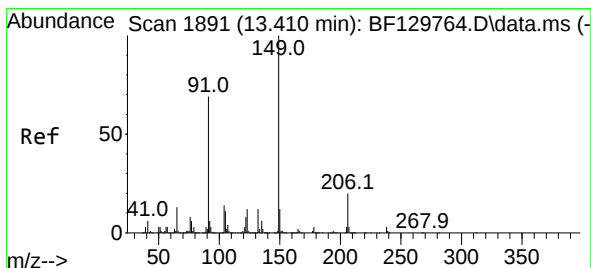
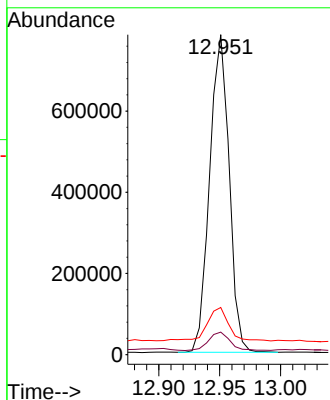
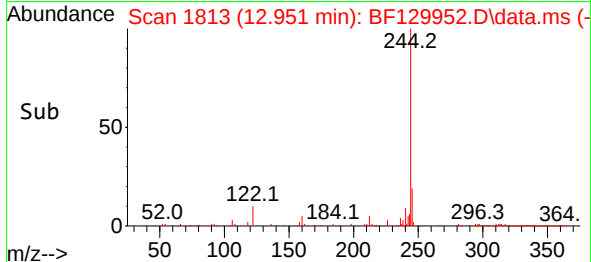
Instrument :
 BNA_F
 ClientSampleId :
 RBR-21153MS



Tgt Ion:244 Resp: 872643
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 14.7 9.9 14.9

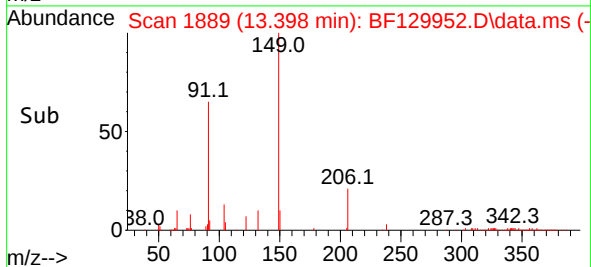
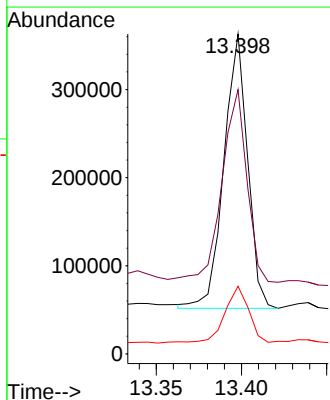
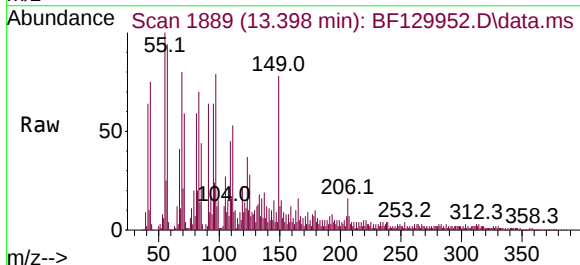
Manual Integrations
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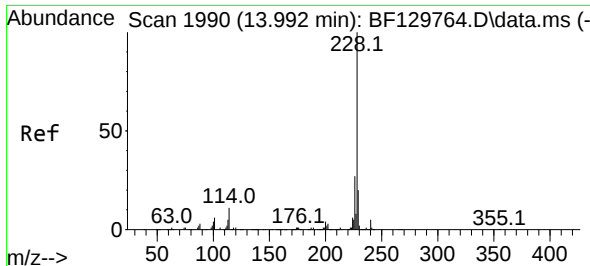
Reviewed By :Christian Giraldo 08/24/2022
 Supervised By :Jagrut Upadhyay 08/24/2022



#80
 Butylbenzylphthalate
 Concen: 37.463 ng
 RT: 13.398 min Scan# 1889
 Delta R.T. 0.041 min
 Lab File: BF129952.D
 Acq: 23 Aug 2022 14:15

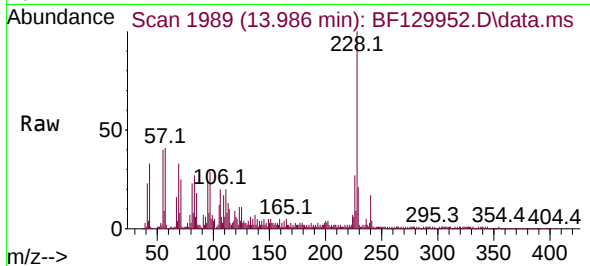
Tgt Ion:149 Resp: 300420
 Ion Ratio Lower Upper
 149 100
 91 82.6 55.4 83.0
 206 21.1 15.8 23.6





#81
Benzo(a)anthracene
Concen: 49.614 ng
RT: 13.986 min Scan# 1990
Delta R.T. 0.047 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

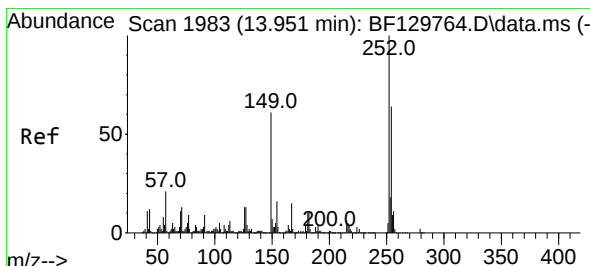
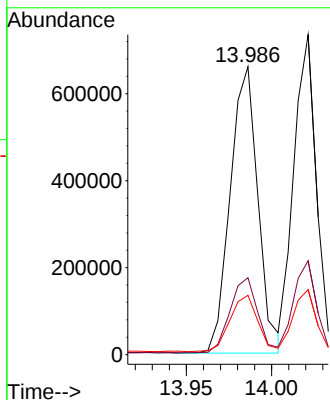
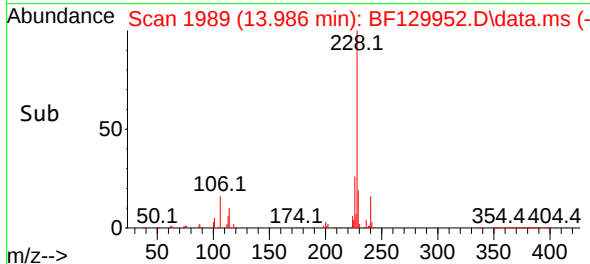
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



Tgt Ion:228 Resp: 744306
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.0
229 20.6 16.1 24.1

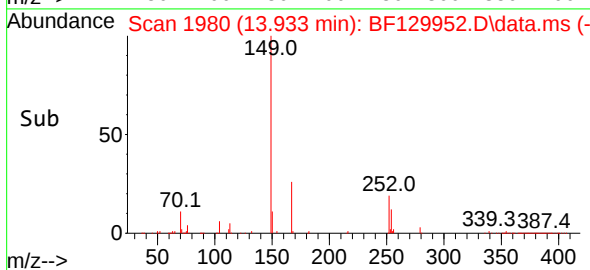
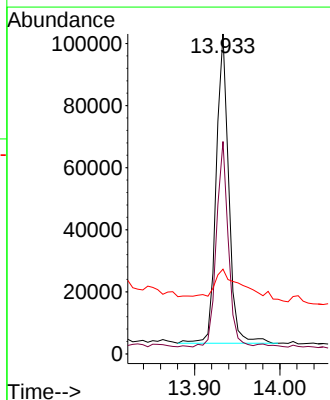
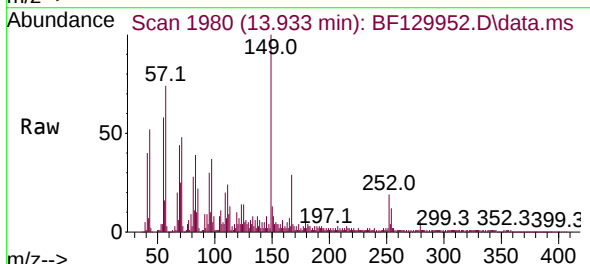
Manual Integrations
APPROVED

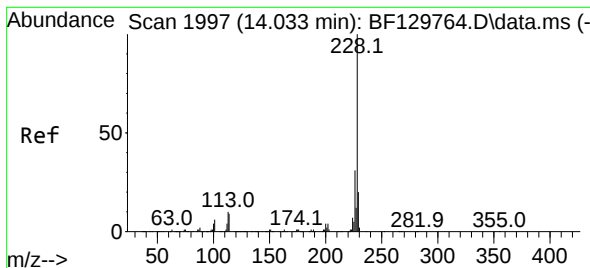
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#82
3,3'-Dichlorobenzidine
Concen: 21.912 ng
RT: 13.933 min Scan# 1980
Delta R.T. 0.035 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Tgt Ion:252 Resp: 101807
Ion Ratio Lower Upper
252 100
254 66.4 51.4 77.2
126 26.5 10.2 15.4#





#83

Chrysene

Concen: 48.317 ng

RT: 14.021 min Scan# 1995

Delta R.T. 0.041 min

Lab File: BF129952.D

Acq: 23 Aug 2022 14:15

Instrument :

BNA_F

ClientSampleId :

RBR-21153MS

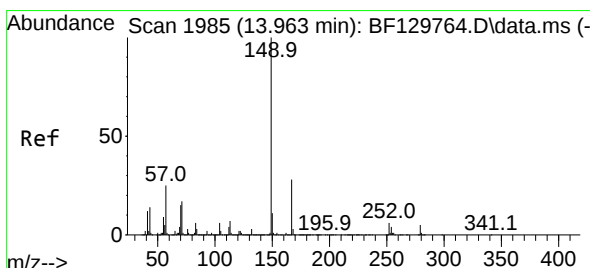
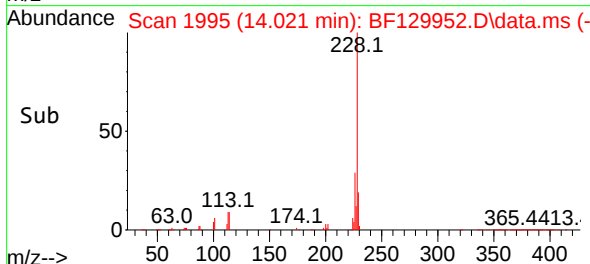
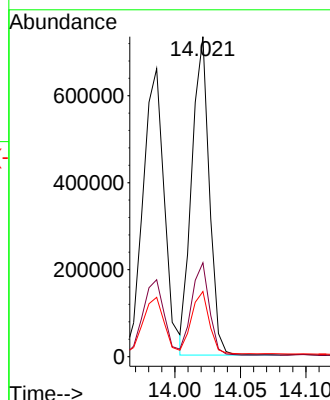
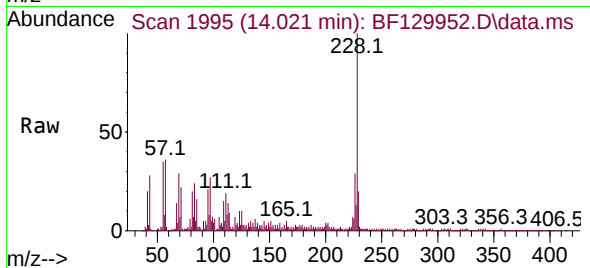
Tgt Ion:	228	Resp:	678510
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.4	36.6
229	20.3	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.355 ng

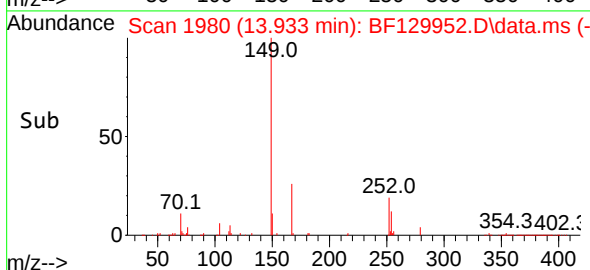
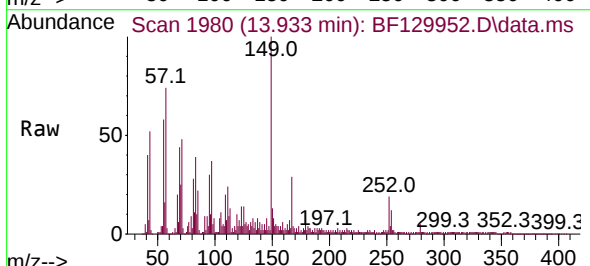
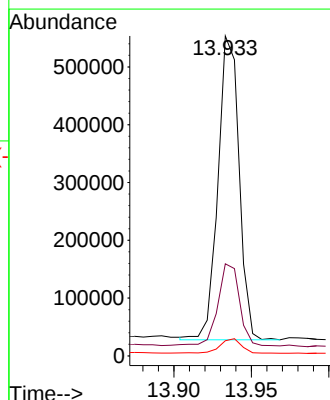
RT: 13.933 min Scan# 1980

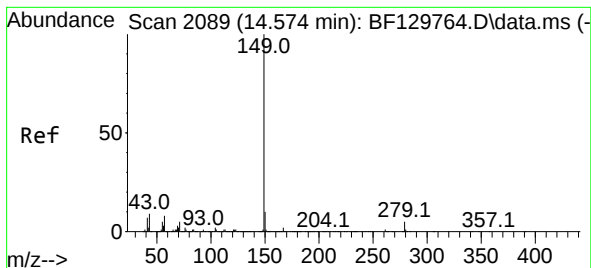
Delta R.T. 0.024 min

Lab File: BF129952.D

Acq: 23 Aug 2022 14:15

Tgt Ion:	149	Resp:	498093
Ion Ratio	Lower	Upper	
149	100		
167	28.8	22.0	33.0
279	4.7	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 67.555 ng

RT: 14.533 min Scan# 2082

Delta R.T. 0.012 min

Lab File: BF129952.D

Acq: 23 Aug 2022 14:15

Instrument :

BNA_F

ClientSampleId :

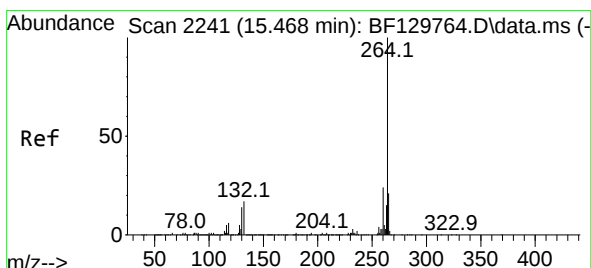
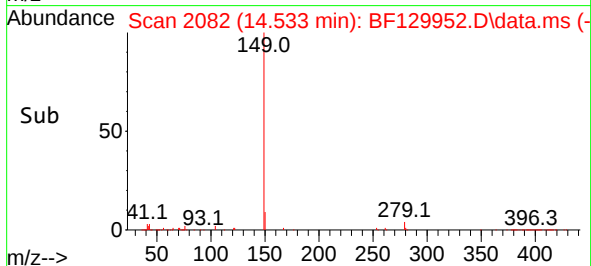
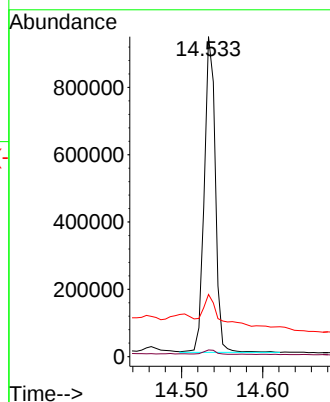
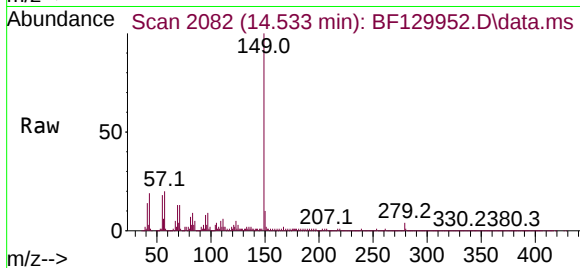
RBR-21153MS

Tgt Ion:149 Resp: 887227
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 27.5 7.8 11.6

Manual Integrations

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Reviewed By :Christian Giraldo 08/24/2022
 Supervised By :Jagrut Upadhyay 08/24/2022



#86

Perylene-d12

Concen: 20.000 ng

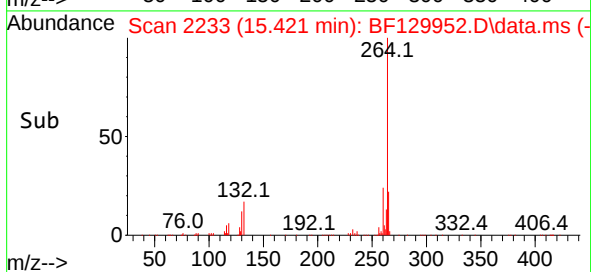
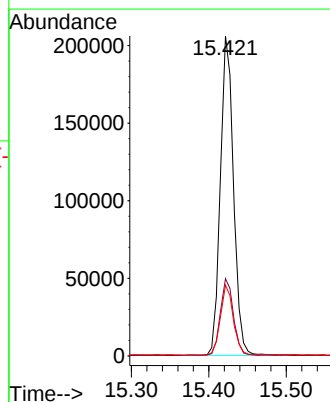
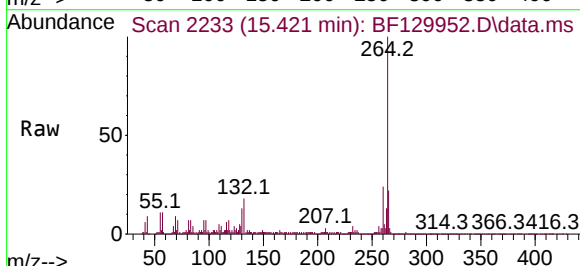
RT: 15.421 min Scan# 2233

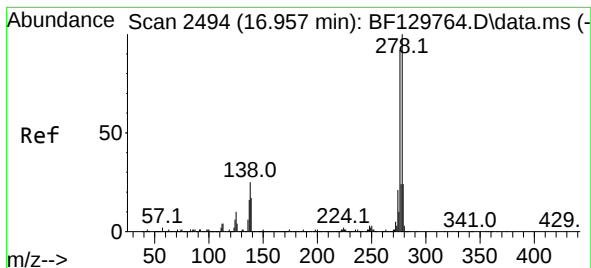
Delta R.T. 0.024 min

Lab File: BF129952.D

Acq: 23 Aug 2022 14:15

Tgt Ion:264 Resp: 243129
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 22.1 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.901 ng

RT: 16.880 min Scan# 2494

Delta R.T. 0.024 min

Lab File: BF129952.D

Acq: 23 Aug 2022 14:15

Instrument :

BNA_F

ClientSampleId :

RBR-21153MS

Tgt Ion:276 Resp: 933049

Ion Ratio Lower Upper

276 100

138 23.1 19.8 29.8

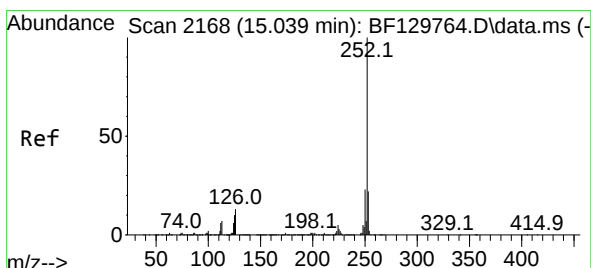
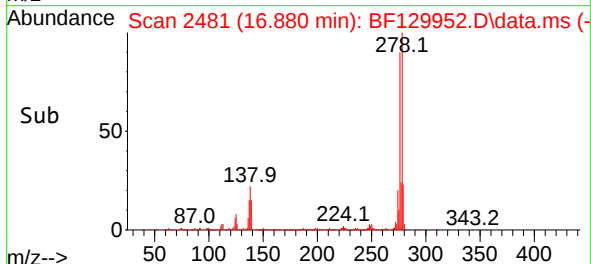
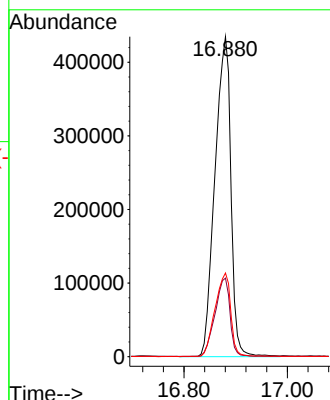
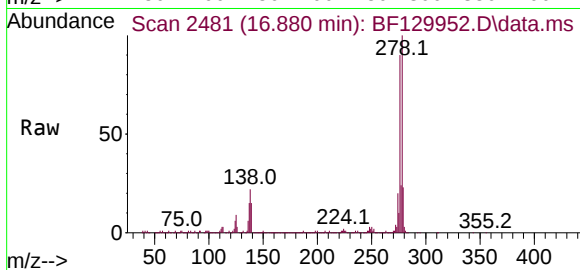
277 25.6 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#88

Benzo(b)fluoranthene

Concen: 49.311 ng

RT: 15.010 min Scan# 2163

Delta R.T. 0.030 min

Lab File: BF129952.D

Acq: 23 Aug 2022 14:15

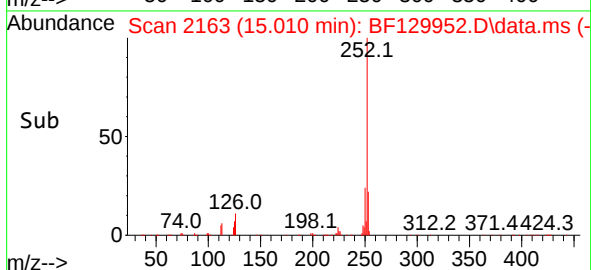
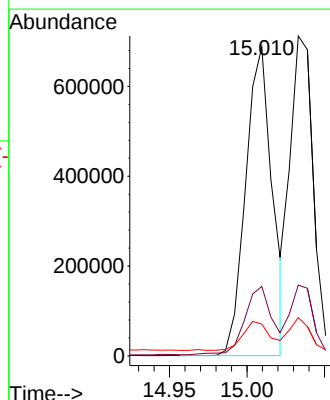
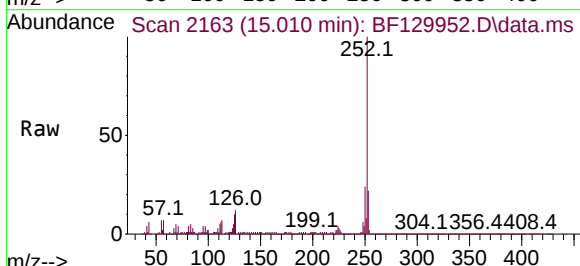
Tgt Ion:252 Resp: 820949

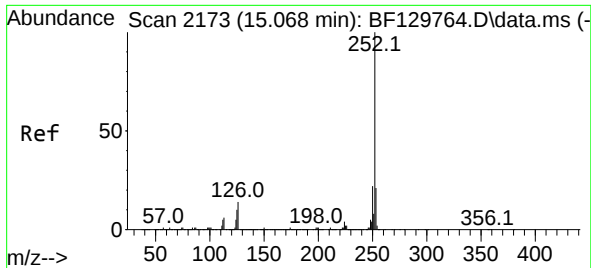
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 10.3 8.3 12.5





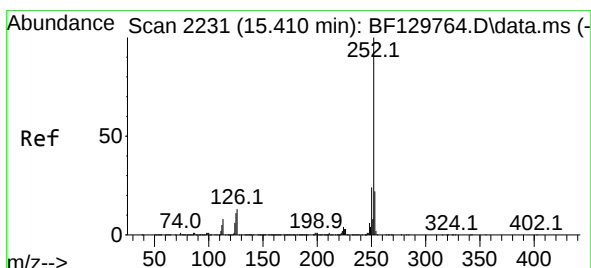
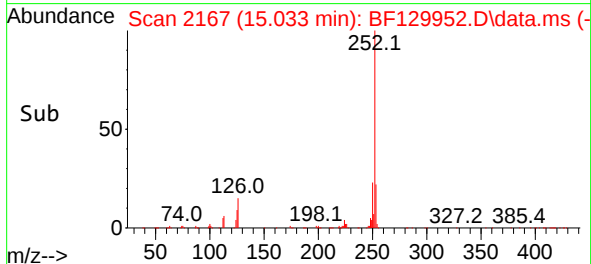
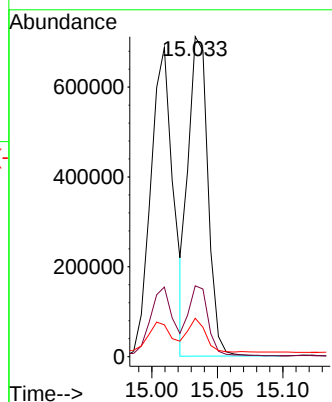
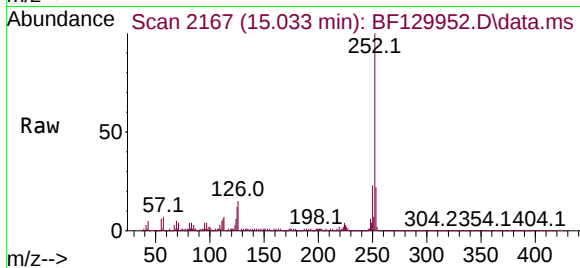
#89
Benzo(k)fluoranthene
Concen: 46.458 ng
RT: 15.033 min Scan# 2173
Delta R.T. 0.024 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

Instrument :
BNA_F
ClientSampleId :
RBR-21153MS

Tgt Ion:252 Resp: 741750
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 12.0 8.3 12.5

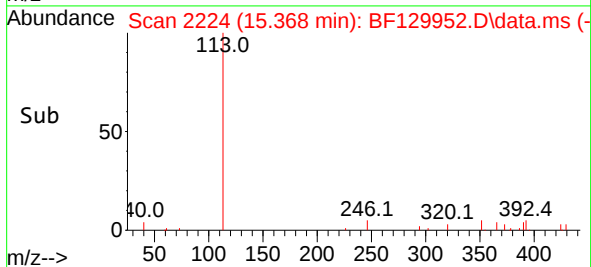
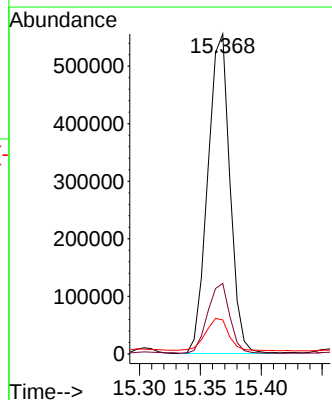
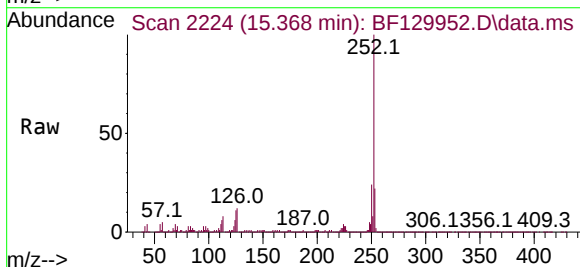
Manual Integrations
APPROVED

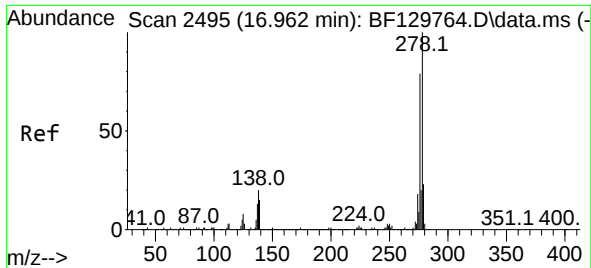
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#90
Benzo(a)pyrene
Concen: 53.643 ng
RT: 15.368 min Scan# 2224
Delta R.T. 0.030 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

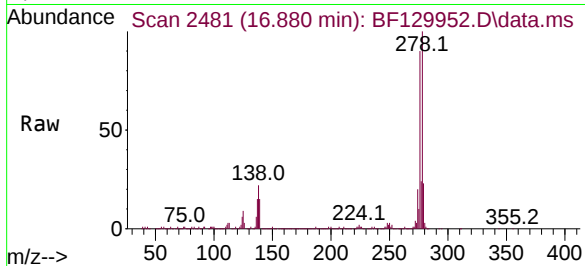
Tgt Ion:252 Resp: 703280
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 10.6 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 58.946 ng
RT: 16.880 min Scan# 2495
Delta R.T. 0.024 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15

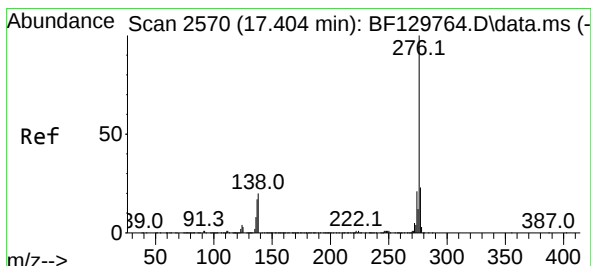
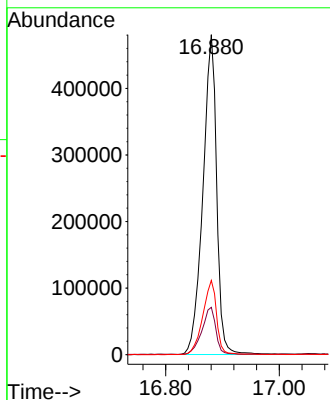
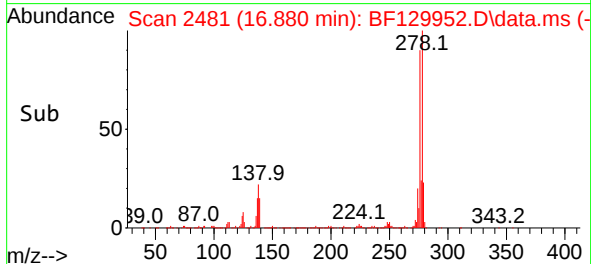
Instrument :
BNA_F
ClientSampleId :
RBR-21153MS



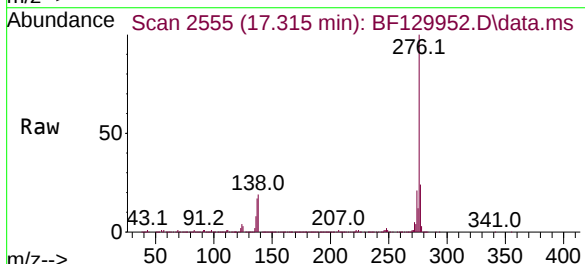
Tgt Ion: 278 Resp: 81181
Ion Ratio Lower Upper
278 100
139 14.8 12.2 18.4
279 23.2 18.7 28.1

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/24/2022
Supervised By : Jagrut Upadhyay 08/24/2022



#92
Benzo(g,h,i)perylene
Concen: 60.299 ng
RT: 17.315 min Scan# 2555
Delta R.T. 0.024 min
Lab File: BF129952.D
Acq: 23 Aug 2022 14:15



Tgt Ion: 276 Resp: 828499
Ion Ratio Lower Upper
276 100
277 24.3 18.2 27.4
138 19.0 15.8 23.8

