

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129953.D
 Acq On : 23 Aug 2022 14:49
 Operator : CG\JU
 Sample : N4258-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-21153MSD

Manual Integrations
 APPROVED

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

Quant Time: Aug 24 01:53:15 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	118657	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	431790	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	175211	20.000	ng	0.02
64) Phenanthrene-d10	11.380	188	168881m	20.000	ng	0.08
76) Chrysene-d12	13.998	240	216311	20.000	ng	# 0.05
86) Perylene-d12	15.421	264	245118	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1020493	142.396	ng	0.01
7) Phenol-d6	6.440	99	1256974	140.060	ng	0.00
23) Nitrobenzene-d5	7.351	82	793726	98.403	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	221393	125.898	ng	0.06
45) 2-Fluorobiphenyl	9.139	172	1209482	104.843	ng	0.00
79) Terphenyl-d14	12.951	244	895565	68.890	ng	0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	2.522	88	133089	45.013	ng	95
3) Pyridine	3.293	79	352917	45.612	ng	97
4) n-Nitrosodimethylamine	3.246	42	207933	58.313	ng	92
6) Aniline	6.451	93	231528	22.635	ng	# 20
8) 2-Chlorophenol	6.575	128	417367	52.314	ng	96
9) Benzaldehyde	6.334	77	238619	51.599	ng	95
10) Phenol	6.451	94	507166	51.518	ng	85
11) bis(2-Chloroethyl)ether	6.516	93	399249	53.407	ng	97
12) 1,3-Dichlorobenzene	6.716	146	435014	50.507	ng	99
13) 1,4-Dichlorobenzene	6.793	146	442514	50.283	ng	99
14) 1,2-Dichlorobenzene	6.945	146	414059	50.659	ng	98
15) Benzyl Alcohol	6.934	79	367086	54.181	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.051	45	532024	53.112	ng	99
17) 2-Methylphenol	7.057	107	331024	51.674	ng	97
18) Hexachloroethane	7.281	117	171617	51.930	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	303945	53.580	ng	97
20) 3+4-Methylphenols	7.210	107	436203	50.727	ng	97
22) Acetophenone	7.198	105	610007	57.973	ng	98
24) Nitrobenzene	7.369	77	443028	54.470	ng	94
25) Isophorone	7.610	82	794074	57.198	ng	99
26) 2-Nitrophenol	7.687	139	212142	53.026	ng	96
27) 2,4-Dimethylphenol	7.734	122	345898	60.287	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	473515	58.416	ng	98
29) 2,4-Dichlorophenol	7.939	162	331564	52.850	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	325005	49.106	ng	98
31) Naphthalene	8.087	128	1104909	48.940	ng	100
32) Benzoic acid	7.892	122	175290	62.000	ng	# 78
33) 4-Chloroaniline	8.151	127	137861	15.528	ng	97
34) Hexachlorobutadiene	8.192	225	203515	50.499	ng	100
35) Caprolactam	8.528	113	101588	52.071	ng	# 58
36) 4-Chloro-3-methylphenol	8.645	107	358459	52.962	ng	98
37) 2-Methylnaphthalene	8.775	142	662540	44.713	ng	99
38) 1-Methylnaphthalene	8.875	142	614408	42.665	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	286283	58.747	ng	98
41) Hexachlorocyclopentadiene	8.922	237	177664	98.487	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	174291	55.047	ng	96

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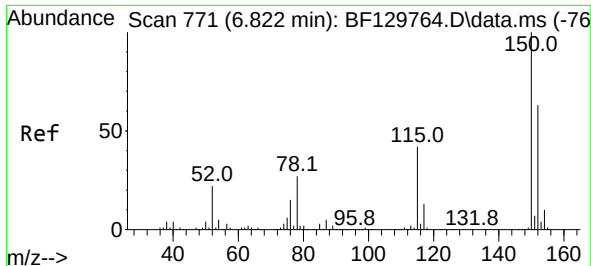
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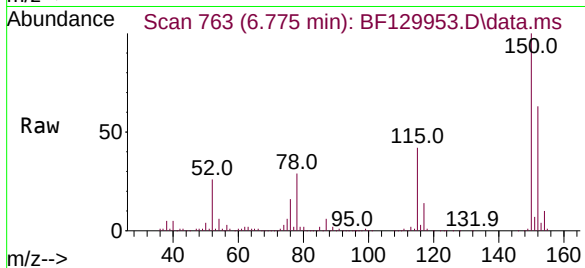
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	177242	52.032	ng	# 71
46) 1,1'-Biphenyl	9.245	154	751670	56.471	ng	99
47) 2-Chloronaphthalene	9.275	162	569320	54.057	ng	98
48) 2-Nitroaniline	9.381	65	205445	61.727	ng	91
49) Acenaphthylene	9.698	152	823717	51.577	ng	# 92
50) Dimethylphthalate	9.551	163	656101	52.236	ng	# 94
51) 2,6-Dinitrotoluene	9.622	165	150224	55.136	ng	90
52) Acenaphthene	9.875	154	430643	44.445	ng	95
53) 3-Nitroaniline	9.792	138	116486	38.660	ng	# 89
54) 2,4-Dinitrophenol	9.933	184	98718	80.128	ng	# 84
55) Dibenzofuran	10.045	168	666936	45.816	ng	89
56) 4-Nitrophenol	9.986	139	144219	107.588	ng	# 11
57) 2,4-Dinitrotoluene	10.045	165	211356	59.757	ng	# 71
58) Fluorene	10.416	166	499233	41.074	ng	# 71
59) 2,3,4,6-Tetrachlorophenol	10.192	232	86275	34.512	ng	# 1
60) Diethylphthalate	10.269	149	565272	45.135	ng	# 81
61) 4-Chlorophenyl-phenyle...	10.404	204	209896	38.481	ng	# 48
62) 4-Nitroaniline	10.422	138	82374	27.099	ng	79
63) Azobenzene	10.569	77	369721m	30.885	ng	
65) 4,6-Dinitro-2-methylph...	10.475	198	48460	48.879	ng	# 1
66) n-Nitrosodiphenylamine	10.516	169	427506	75.000	ng	97
67) 4-Bromophenyl-phenylether	10.904	248	117966m	59.638	ng	
68) Hexachlorobenzene	10.998	284	137122	63.996	ng	# 30
69) Atrazine	11.063	200	192814m	110.211	ng	
70) Pentachlorophenol	11.192	266	52297	81.333	ng	92
71) Phenanthrene	11.410	178	470524	49.886	ng	# 75
72) Anthracene	11.463	178	476193m	50.769	ng	
73) Carbazole	11.604	167	430188	50.524	ng	# 73
74) Di-n-butylphthalate	11.922	149	530523m	48.413	ng	
75) Fluoranthene	12.598	202	590689	61.201	ng	91
77) Benzidine	12.692	184	141869	24.938	ng	# 24
78) Pyrene	12.827	202	613735	32.650	ng	# 95
80) Butylbenzylphthalate	13.398	149	298985	37.589	ng	88
81) Benzo(a)anthracene	13.986	228	723798	48.642	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	98193	21.307	ng	# 94
83) Chrysene	14.021	228	685339	49.202	ng	98
84) Bis(2-ethylhexyl)phtha...	13.939	149	507435	53.773	ng	# 98
85) Di-n-octyl phthalate	14.533	149	875465	67.205	ng	# 51
87) Indeno(1,2,3-cd)pyrene	16.880	276	942438	56.005	ng	98
88) Benzo(b)fluoranthene	15.010	252	821754	48.959	ng	98
89) Benzo(k)fluoranthene	15.033	252	744853	46.274	ng	96
90) Benzo(a)pyrene	15.368	252	700985	53.034	ng	100
91) Dibenzo(a,h)anthracene	16.880	278	819527	59.024	ng	100
92) Benzo(g,h,i)perylene	17.315	276	828750	59.828	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: BF129953.D
Acq: 23 Aug 2022 14:49

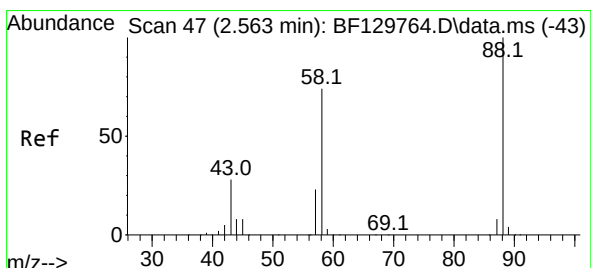
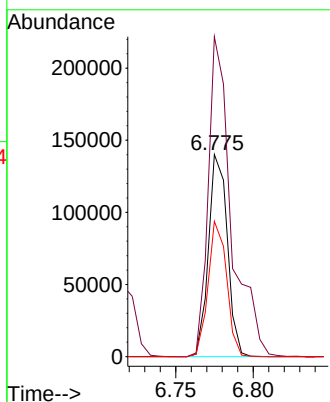
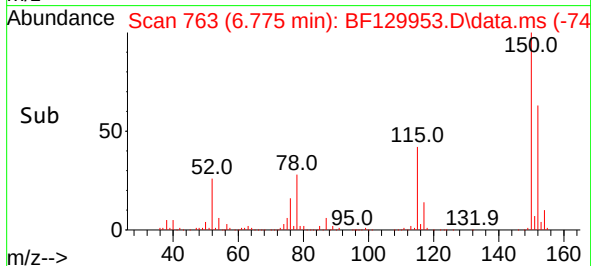
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



Tgt Ion: 152 Resp: 118652
Ion Ratio Lower Upper
152 100
150 158.2 126.9 190.3
115 66.9 53.4 80.0

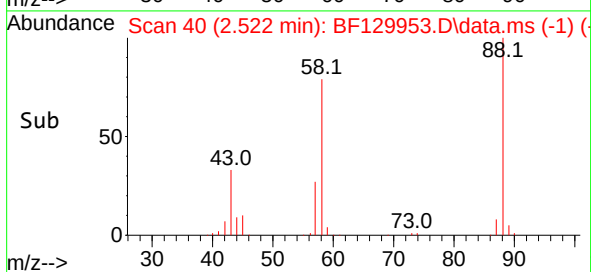
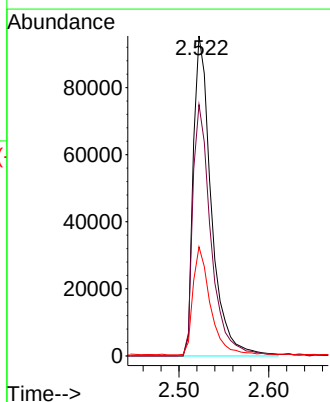
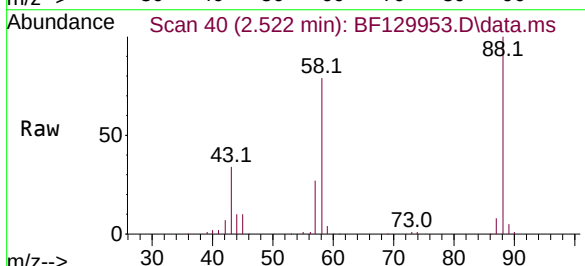
Manual Integrations
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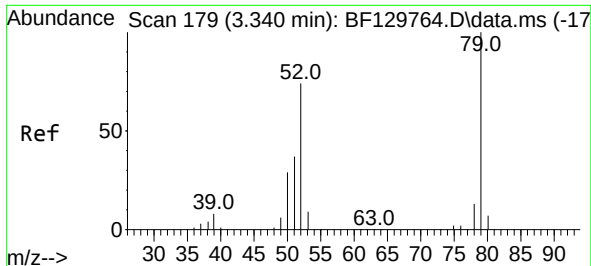
Reviewed By : Christian Giraldo 08/24/2022
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#2
1,4-Dioxane
Concen: 45.013 ng
RT: 2.522 min Scan# 40
Delta R.T. 0.041 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

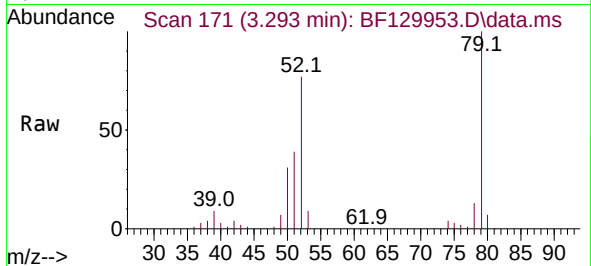
Tgt Ion: 88 Resp: 133089
Ion Ratio Lower Upper
88 100
58 79.8 60.9 91.3
43 32.8 23.6 35.4





#3
Pyridine
Concen: 45.612 ng
RT: 3.293 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

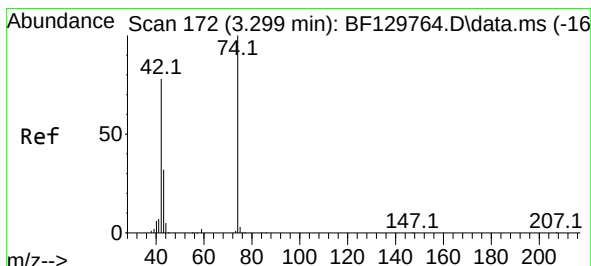
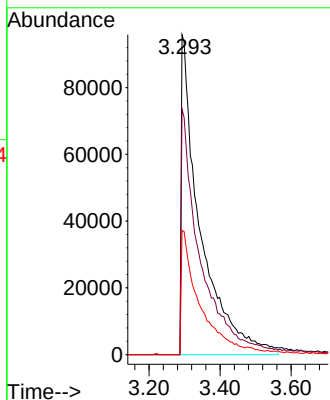
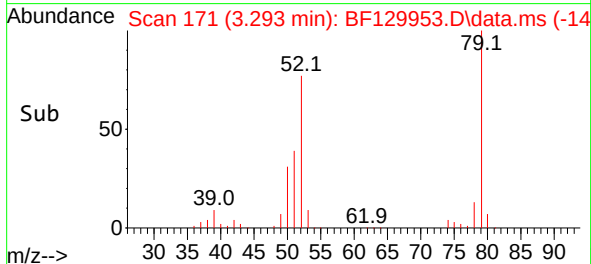
Instrument :
BNA_F
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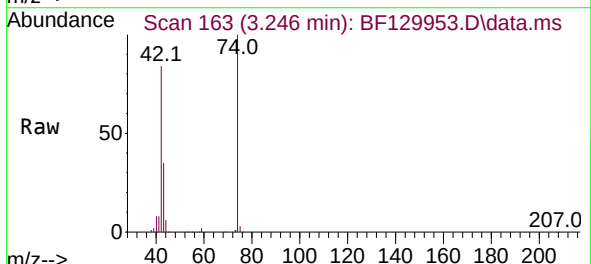
Tgt Ion: 79 Resp: 352917
Ion Ratio Lower Upper
79 100
52 76.7 59.4 89.2
51 38.8 29.5 44.3

Manual Integrations
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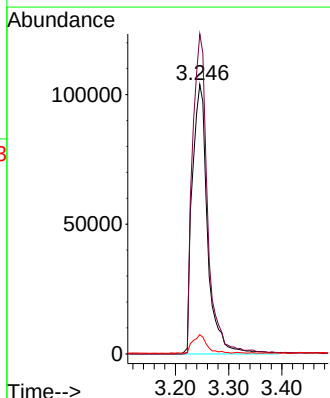
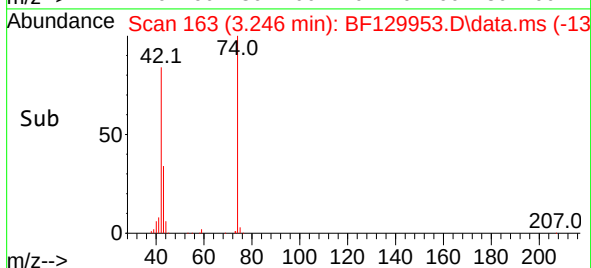
Reviewed By :Christian Giraldo 08/24/2022
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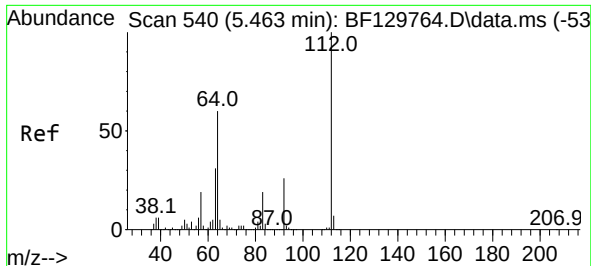


#4
n-Nitrosodimethylamine
Concen: 58.313 ng
RT: 3.246 min Scan# 163
Delta R.T. 0.041 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



Tgt Ion: 42 Resp: 207933
Ion Ratio Lower Upper
42 100
74 118.8 103.1 154.7
44 7.1 5.4 8.2





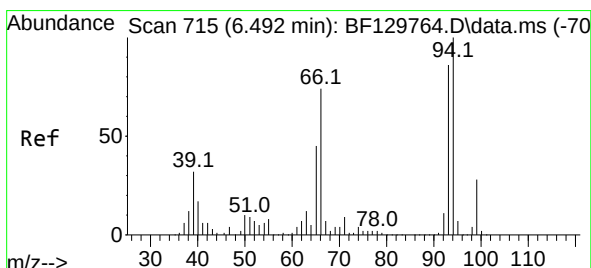
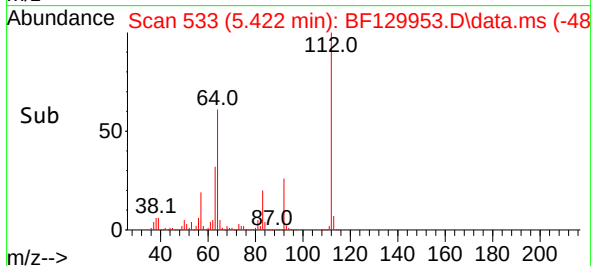
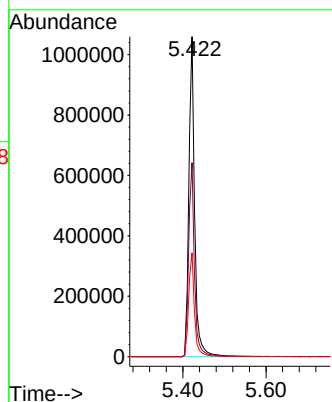
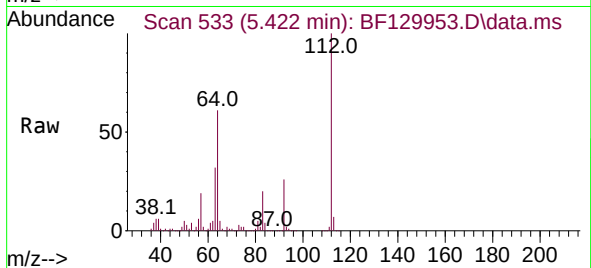
#5
2-Fluorophenol
Concen: 142.396 ng
RT: 5.422 min Scan# 531
Delta R.T. 0.012 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Instrument :
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ClientSampleId :
RBR-21153MSD

Tgt Ion:112 Resp: 1020493
Ion Ratio Lower Upper
112 100
64 60.6 47.6 71.4
63 32.4 24.6 37.0

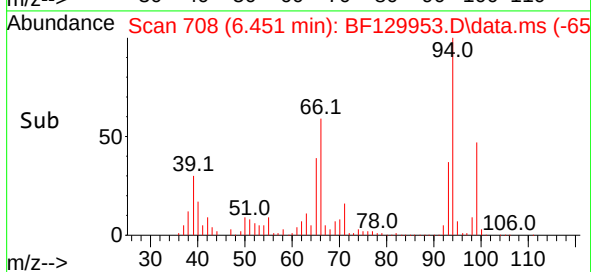
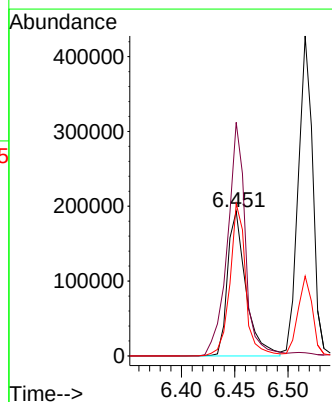
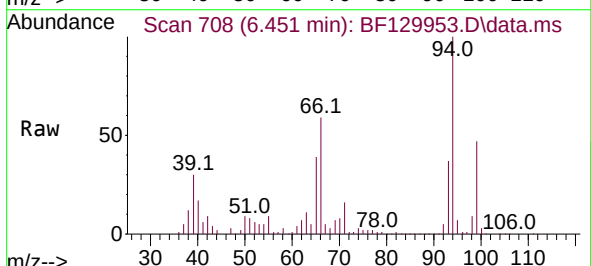
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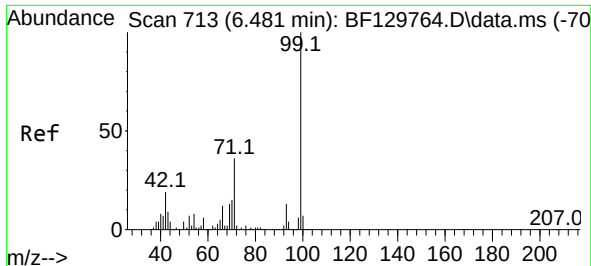
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#6
Aniline
Concen: 22.635 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

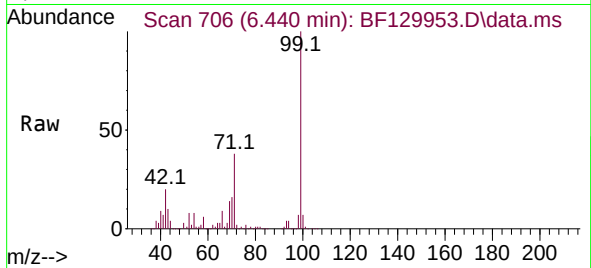
Tgt Ion: 93 Resp: 231528
Ion Ratio Lower Upper
93 100
66 161.6 68.7 103.1#
65 105.3 41.6 62.4#





#7
Phenol-d6
Concen: 140.060 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

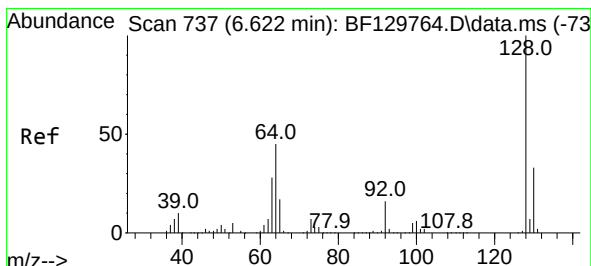
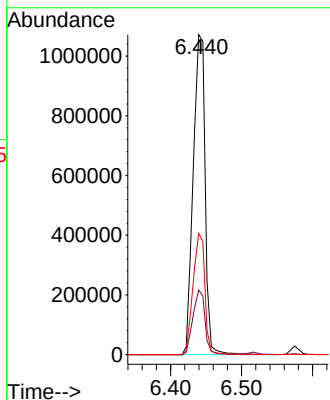
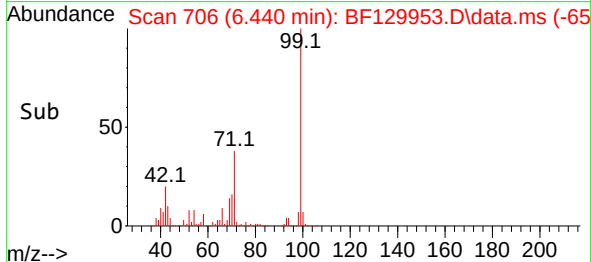
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 1256974
Ion Ratio Lower Upper
99 100
42 20.2 15.0 22.4
71 37.9 28.8 43.2

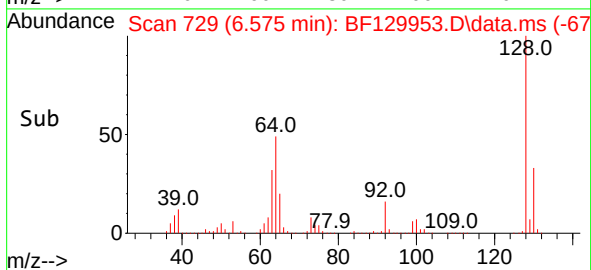
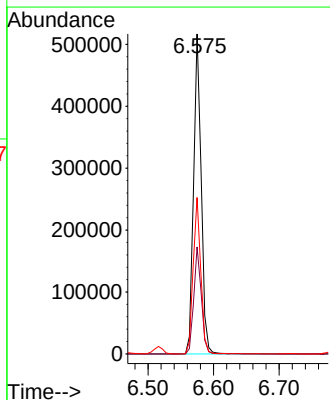
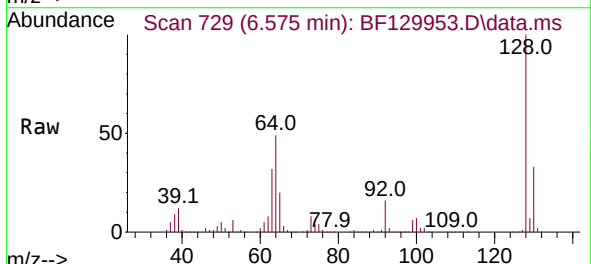
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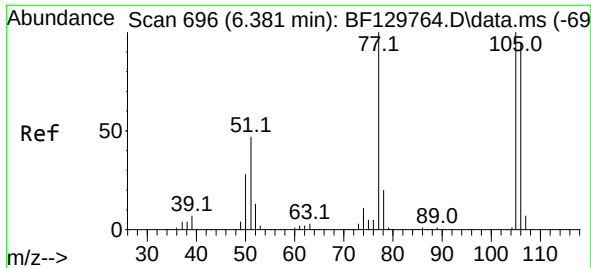
Reviewed By :Christian Giraldo 08/24/2022
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#8
2-Chlorophenol
Concen: 52.314 ng
RT: 6.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

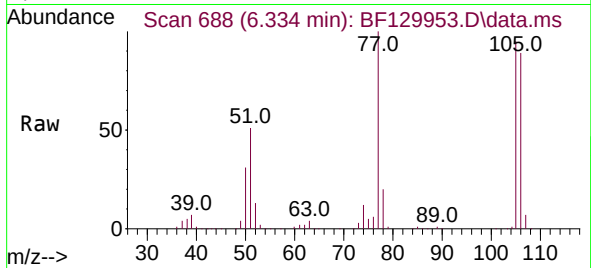
Tgt Ion:128 Resp: 417367
Ion Ratio Lower Upper
128 100
130 33.4 12.5 52.5
64 48.9 24.9 64.9





#9
Benzaldehyde
Concen: 51.599 ng
RT: 6.334 min Scan# 688
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

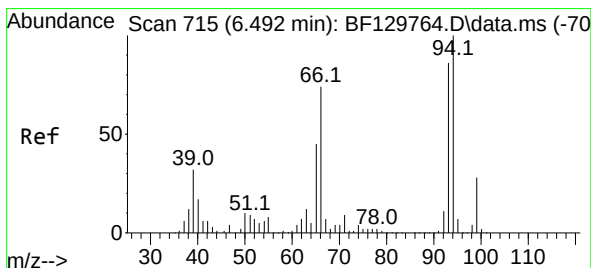
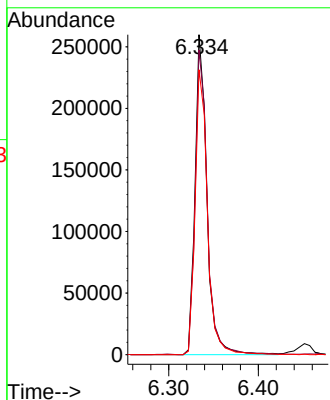
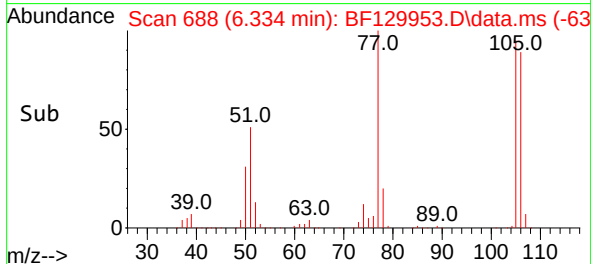
Instrument :
BNA_F
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RBR-21153MSD



Tgt Ion: 77 Resp: 238619
Ion Ratio Lower Upper
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105 95.2 80.3 120.3
106 89.0 74.3 114.3

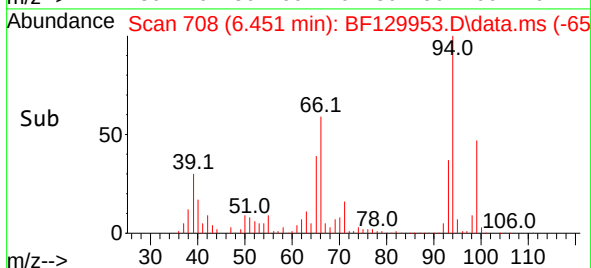
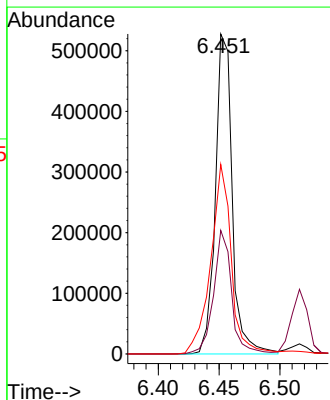
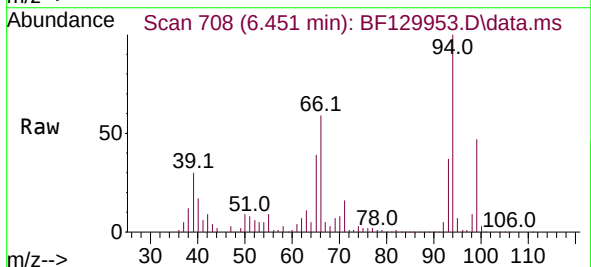
Manual Integrations
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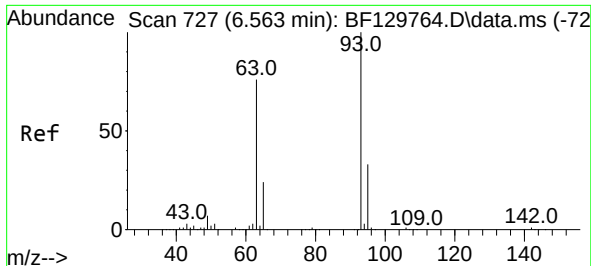
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#10
Phenol
Concen: 51.518 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

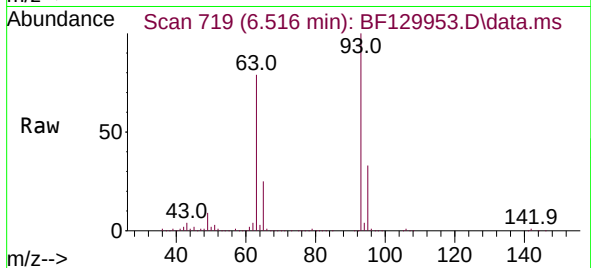
Tgt Ion: 94 Resp: 507166
Ion Ratio Lower Upper
94 100
65 38.6 24.9 64.9
66 59.2 54.2 94.2





#11
bis(2-Chloroethyl)ether
Concen: 53.407 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

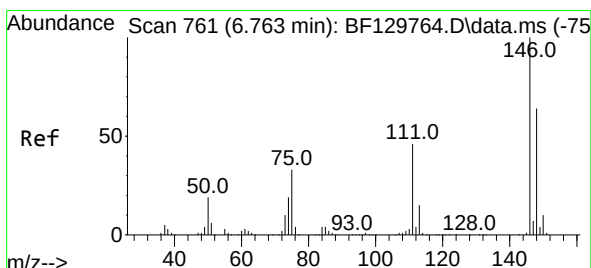
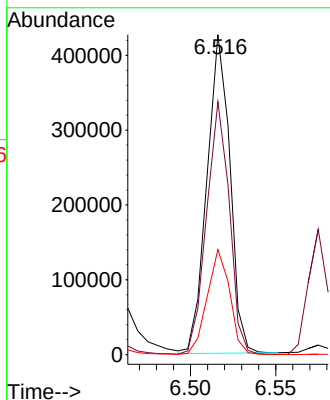
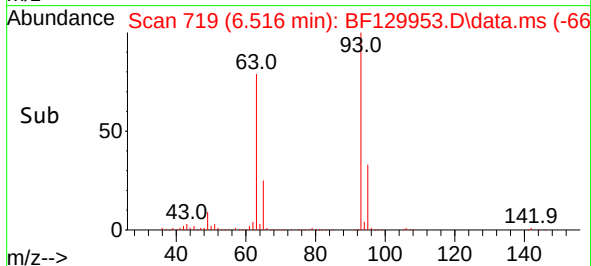
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



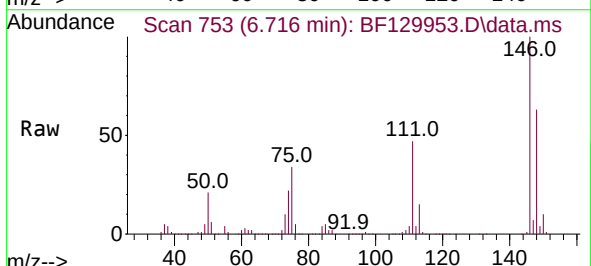
Tgt Ion: 93 Resp: 399249
Ion Ratio Lower Upper
93 100
63 79.0 55.9 95.9
95 32.8 12.3 52.3

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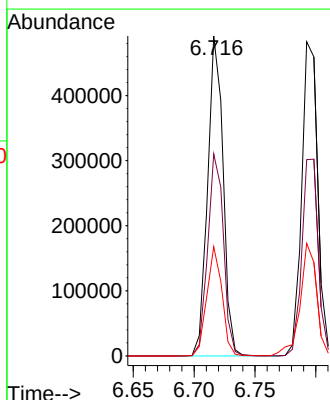
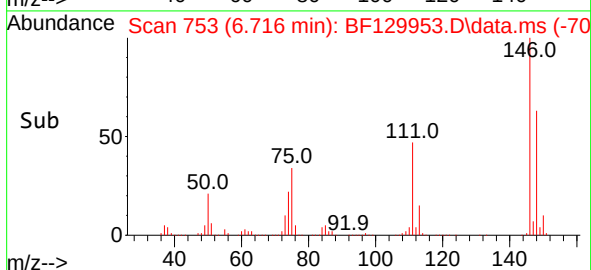
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

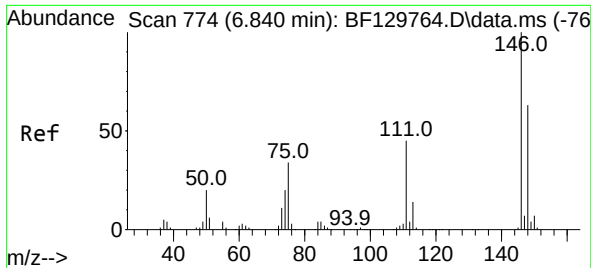


#12
1,3-Dichlorobenzene
Concen: 50.507 ng
RT: 6.716 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



Tgt Ion:146 Resp: 435014
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
75 34.2 26.5 39.7





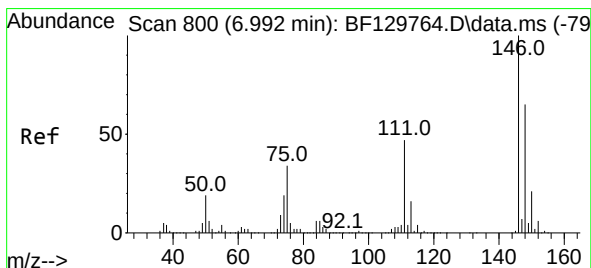
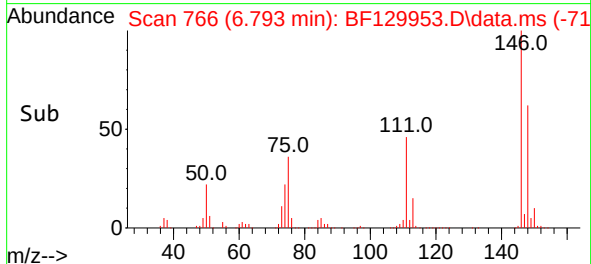
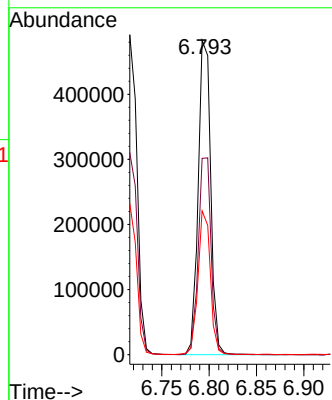
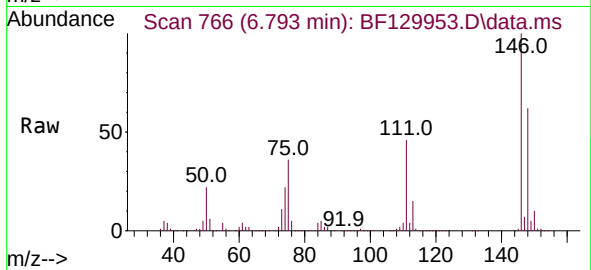
#13
1,4-Dichlorobenzene
Concen: 50.283 ng
RT: 6.793 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

Tgt Ion:146 Resp: 442514
Ion Ratio Lower Upper
146 100
148 62.5 50.6 75.8
111 45.8 36.2 54.4

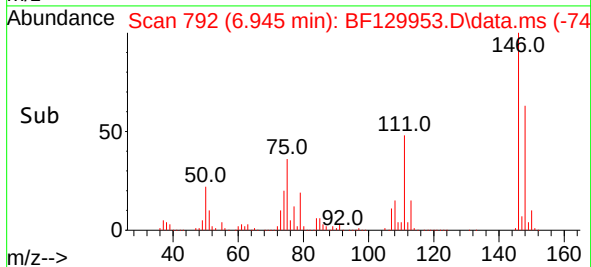
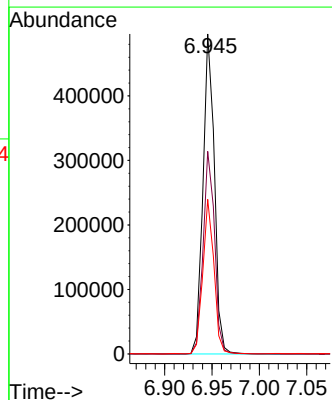
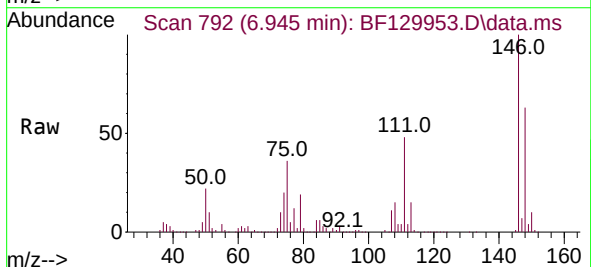
Manual Integrations
APPROVED

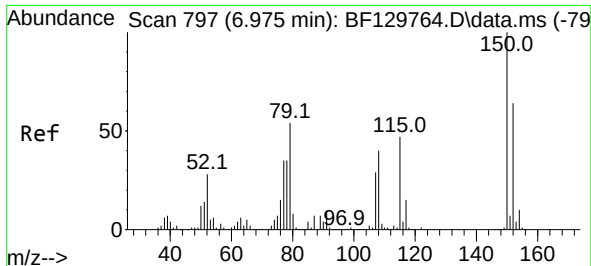
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#14
1,2-Dichlorobenzene
Concen: 50.659 ng
RT: 6.945 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

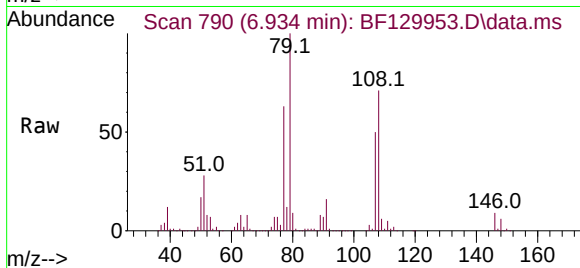
Tgt Ion:146 Resp: 414059
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.6
111 48.3 37.2 55.8





#15
Benzyl Alcohol
Concen: 54.181 ng
RT: 6.934 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

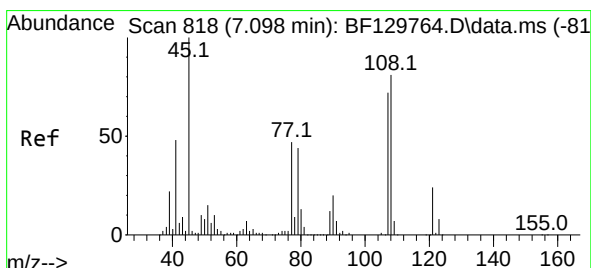
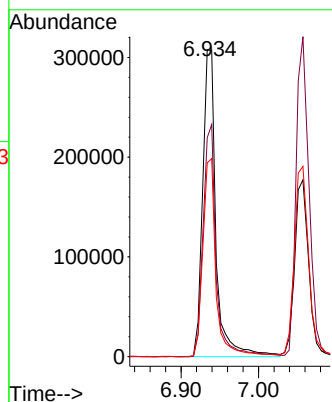
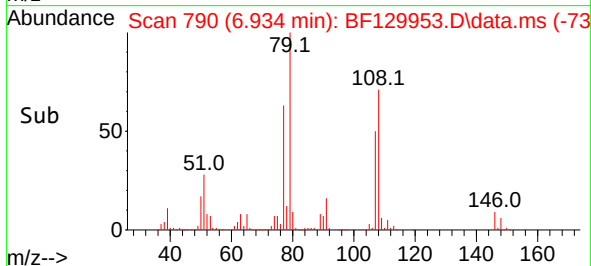
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



Tgt Ion: 79 Resp: 367086
Ion Ratio Lower Upper
79 100
108 71.4 59.2 88.8
77 63.2 51.9 77.9

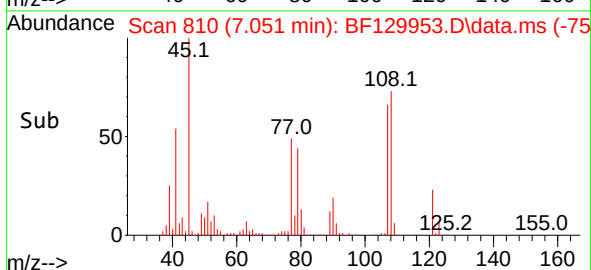
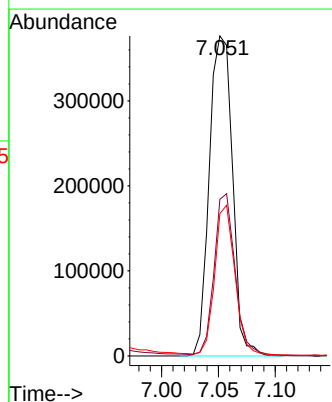
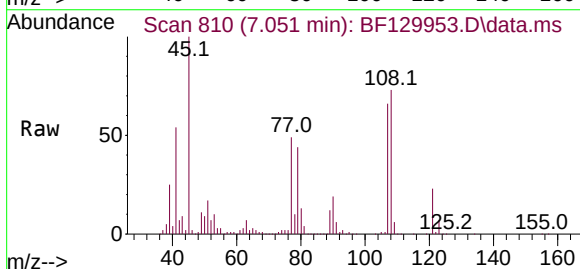
Manual Integrations
APPROVED

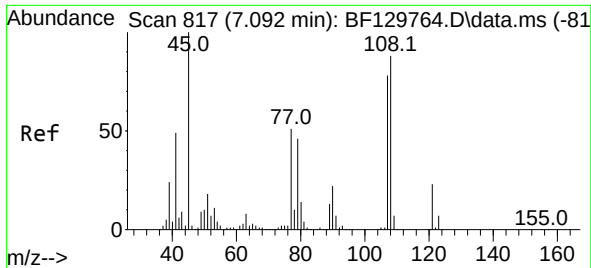
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.112 ng
RT: 7.051 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

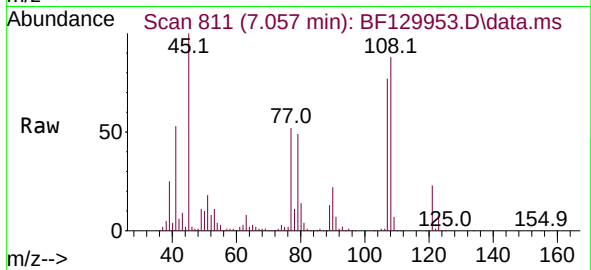
Tgt Ion: 45 Resp: 532024
Ion Ratio Lower Upper
45 100
77 48.9 27.4 67.4
79 44.4 24.4 64.4





#17
2-Methylphenol
Concen: 51.674 ng
RT: 7.057 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

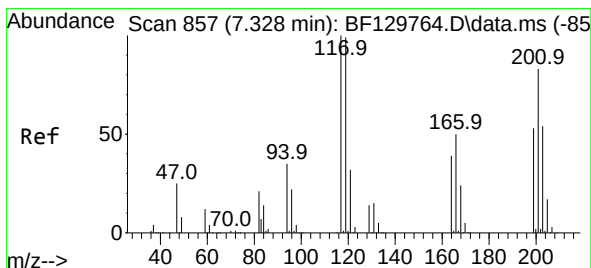
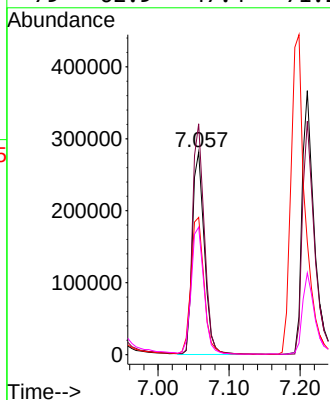
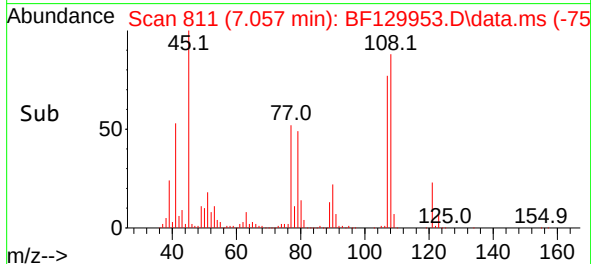


Tgt Ion:107 Resp: 331024

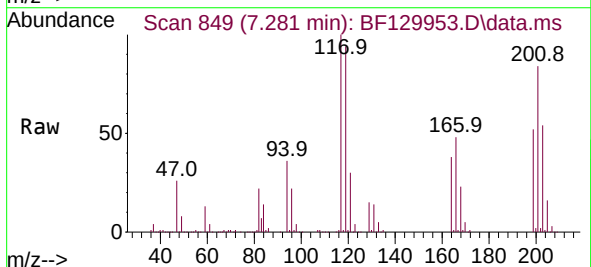
Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.2	135.2
77	67.7	51.8	77.8
79	62.9	47.4	71.2

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

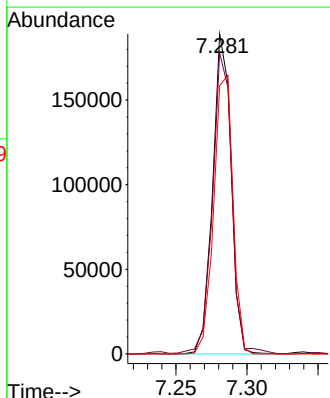
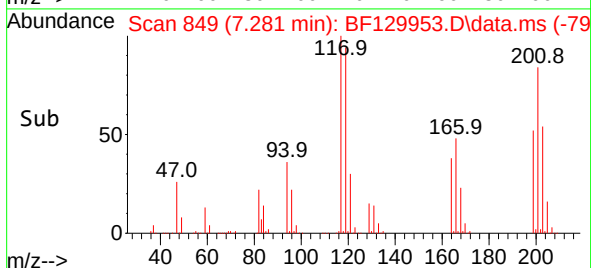


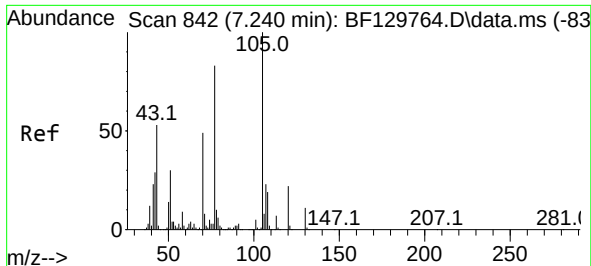
#18
Hexachloroethane
Concen: 51.930 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



Tgt Ion:117 Resp: 171617

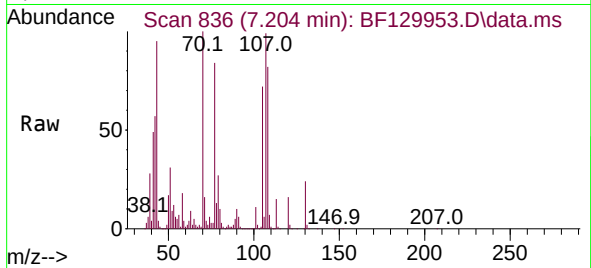
Ion	Ratio	Lower	Upper
117	100		
119	94.0	79.1	118.7
201	83.8	66.6	100.0





#19
n-Nitroso-di-n-propylamine
Concen: 53.580 ng
RT: 7.204 min Scan# 836
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

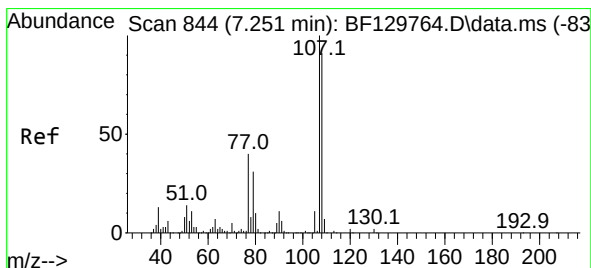
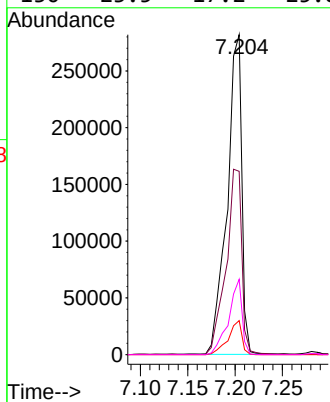
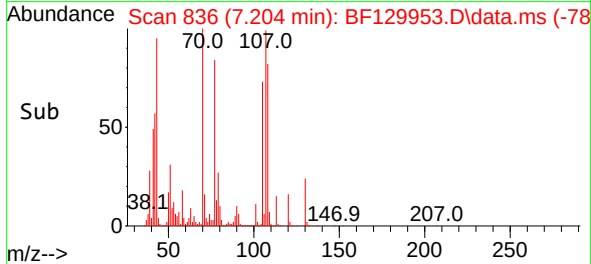
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



Tgt Ion: 70 Resp: 303945
Ion Ratio Lower Upper
70 100
42 57.3 47.6 71.4
101 10.6 8.1 12.1
130 23.5 17.2 25.8

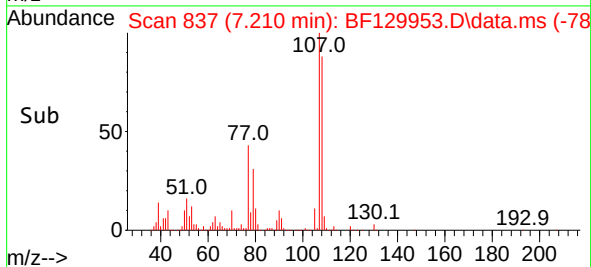
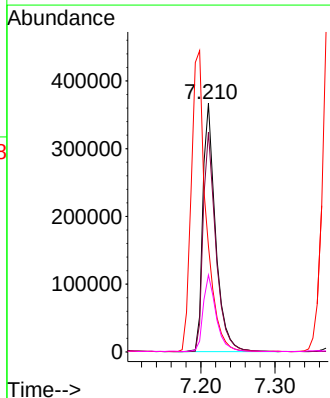
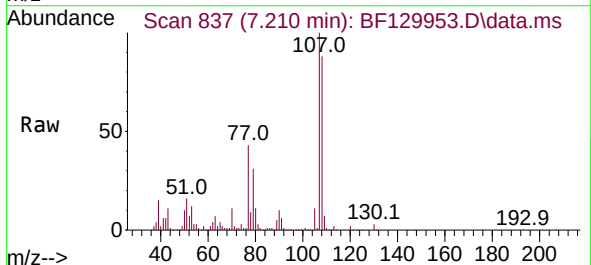
Manual Integrations
APPROVED

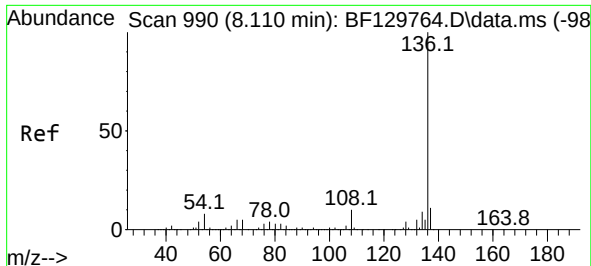
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#20
3+4-Methylphenols
Concen: 50.727 ng
RT: 7.210 min Scan# 837
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:107 Resp: 436203
Ion Ratio Lower Upper
107 100
108 88.4 71.3 111.3
77 42.6 20.4 60.4
79 30.9 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: BF129953.D

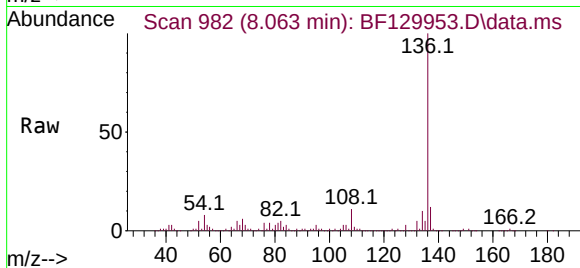
Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

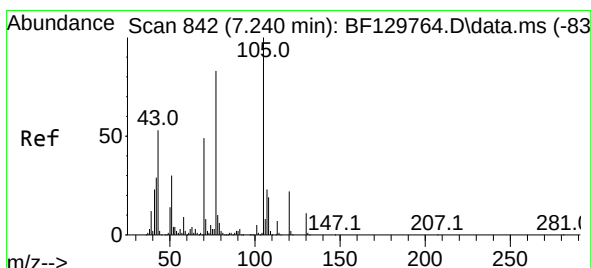
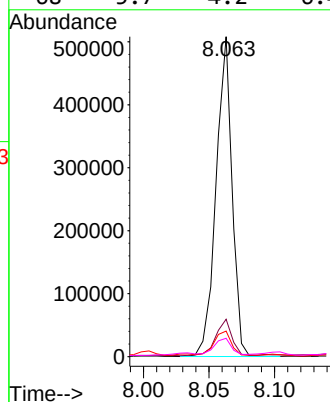
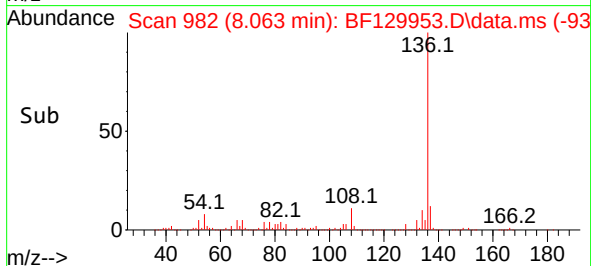


Tgt Ion:	136	Resp:	431790
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.4	12.6
54	8.0	6.2	9.2
68	5.7	4.2	6.4

Manual Integrations

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



#22

Acetophenone

Concen: 57.973 ng

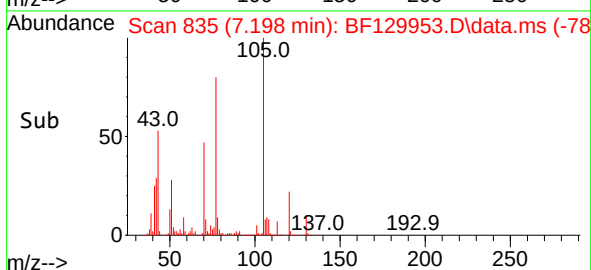
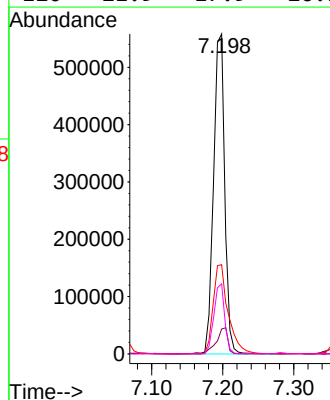
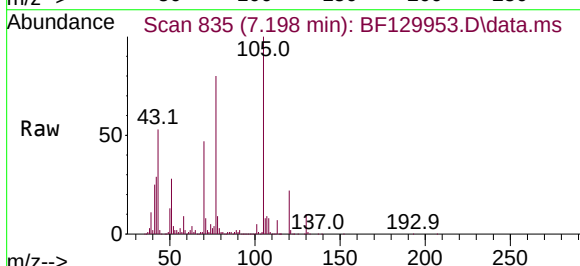
RT: 7.198 min Scan# 835

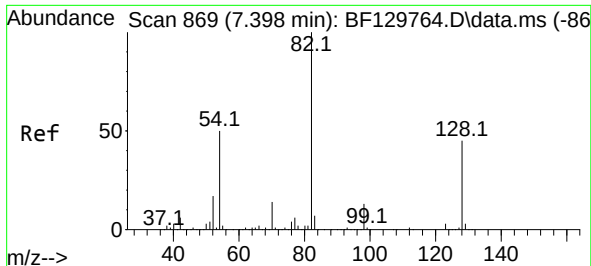
Delta R.T. 0.006 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

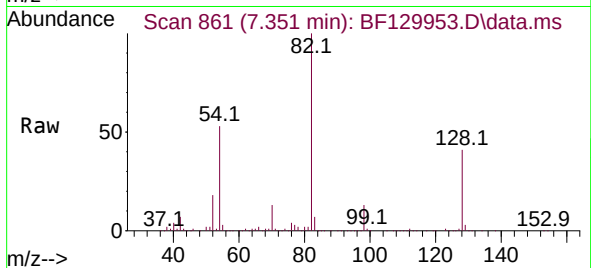
Tgt Ion:	105	Resp:	610007
Ion Ratio	Lower	Upper	
105	100		
71	7.8	6.6	9.8
51	27.9	23.8	35.8
120	21.9	17.9	26.9





#23
Nitrobenzene-d5
Concen: 98.403 ng
RT: 7.351 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

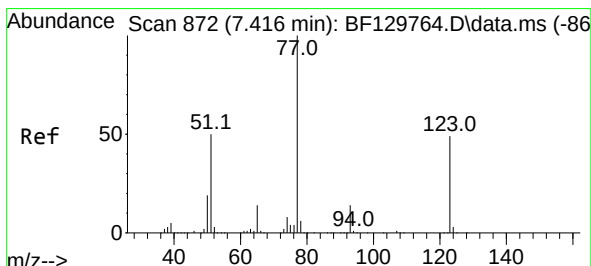
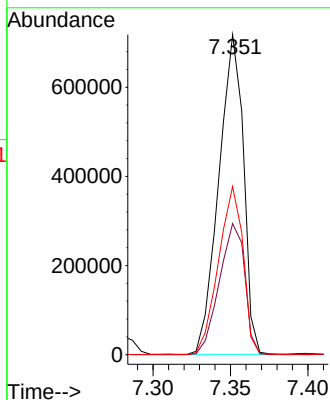
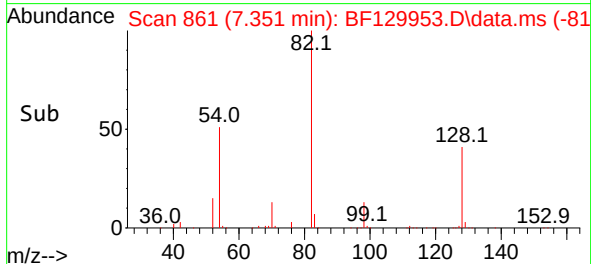
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



Tgt Ion: 82 Resp: 793726
Ion Ratio Lower Upper
82 100
128 40.9 36.1 54.1
54 52.5 40.0 60.0

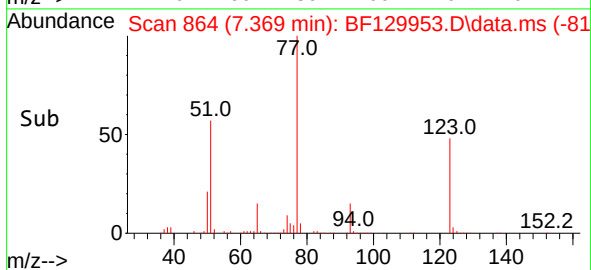
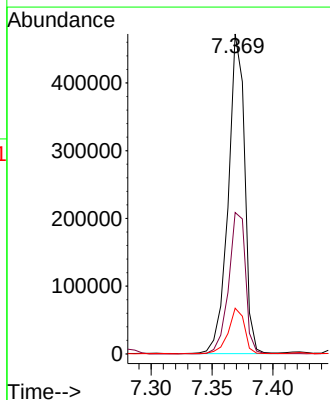
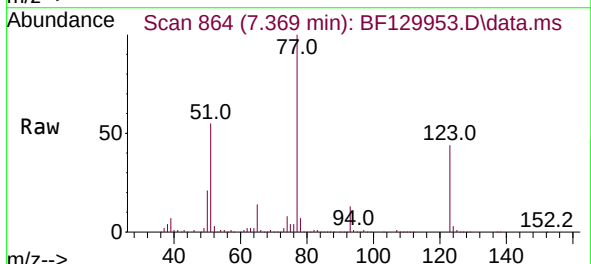
Manual Integrations
APPROVED

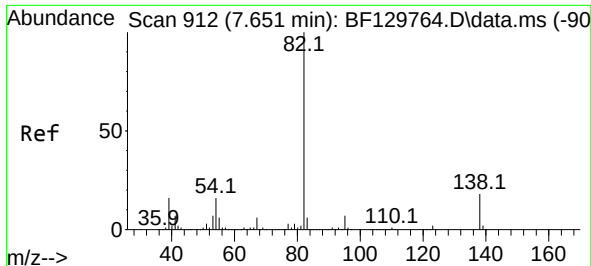
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#24
Nitrobenzene
Concen: 54.470 ng
RT: 7.369 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

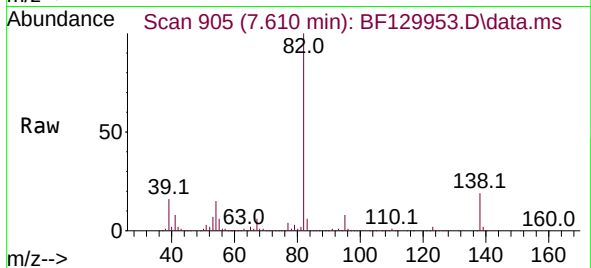
Tgt Ion: 77 Resp: 443028
Ion Ratio Lower Upper
77 100
123 44.2 39.2 58.8
65 14.3 11.1 16.7





#25
Isophorone
Concen: 57.198 ng
RT: 7.610 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

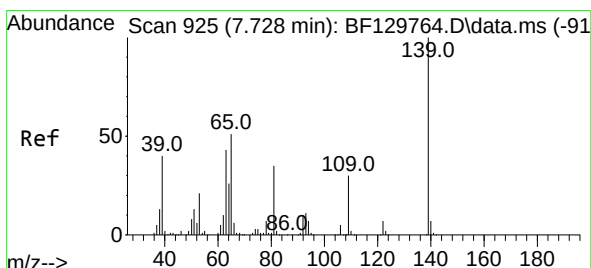
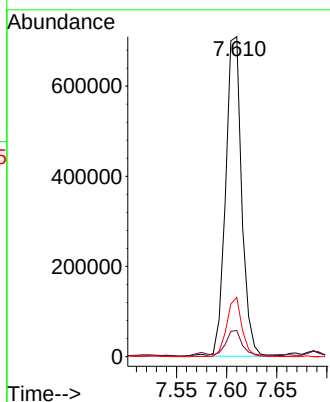
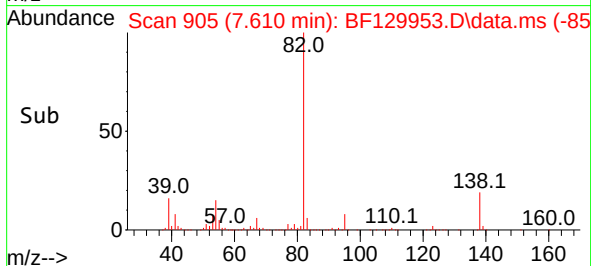
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



Tgt Ion: 82 Resp: 794074
Ion Ratio Lower Upper
82 100
95 8.2 5.9 8.9
138 18.5 14.6 21.8

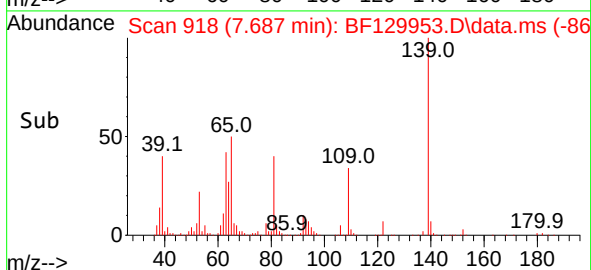
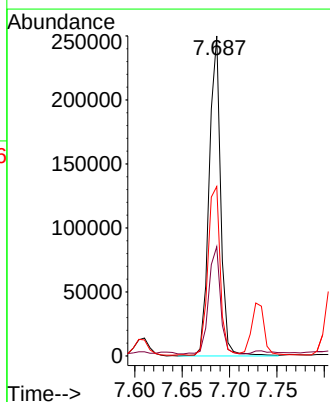
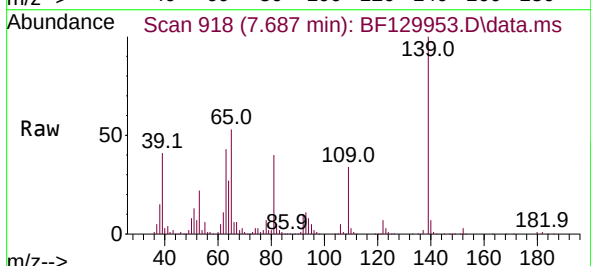
Manual Integrations
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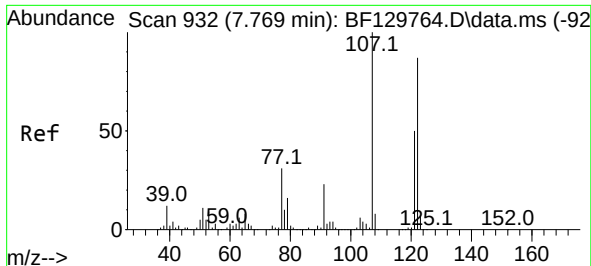
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#26
2-Nitrophenol
Concen: 53.026 ng
RT: 7.687 min Scan# 918
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

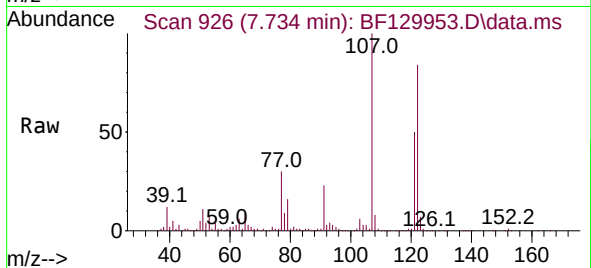
Tgt Ion:139 Resp: 212142
Ion Ratio Lower Upper
139 100
109 34.1 24.4 36.6
65 52.9 40.9 61.3





#27
2,4-Dimethylphenol
Concen: 60.287 ng
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

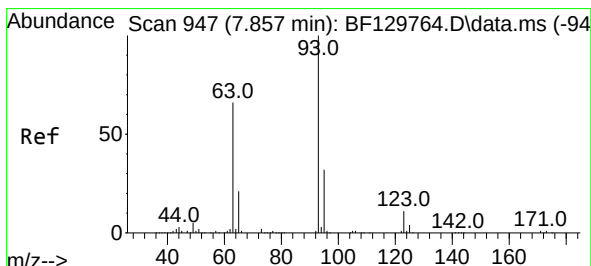
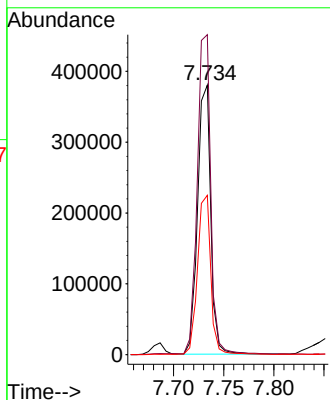
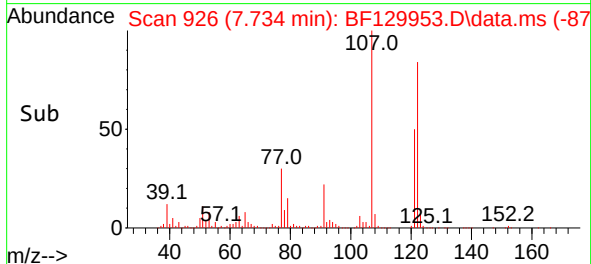
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



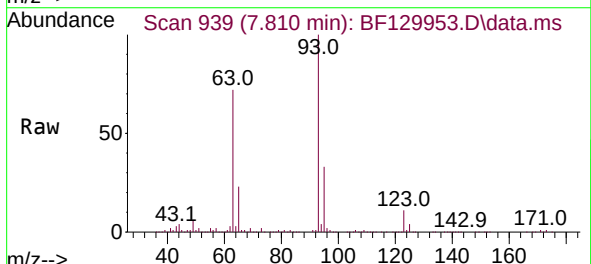
Tgt Ion:122 Resp: 345898
Ion Ratio Lower Upper
122 100
107 118.7 92.2 138.4
121 59.1 46.1 69.1

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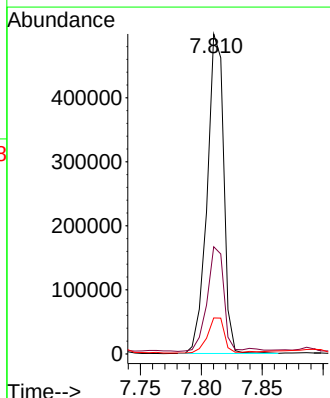
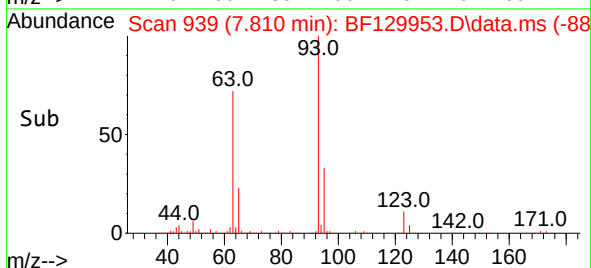
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

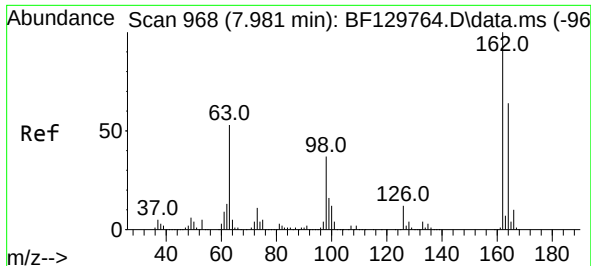


#28
bis(2-Chloroethoxy)methane
Concen: 58.416 ng
RT: 7.810 min Scan# 939
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



Tgt Ion: 93 Resp: 473515
Ion Ratio Lower Upper
93 100
95 33.5 25.6 38.4
123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 52.850 ng

RT: 7.939 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF129953.D

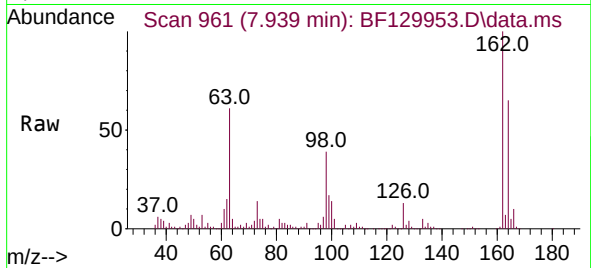
Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

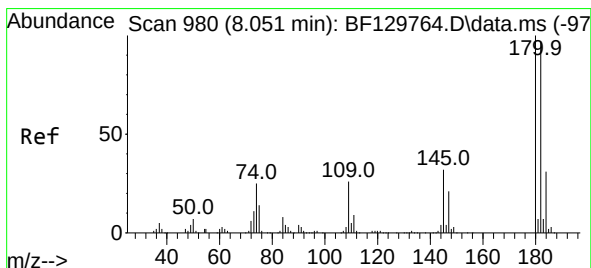
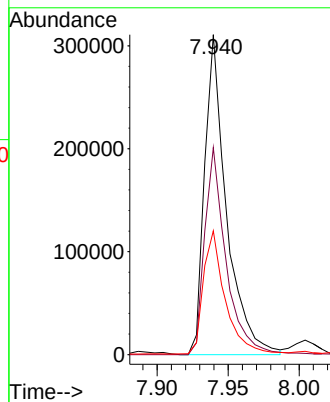
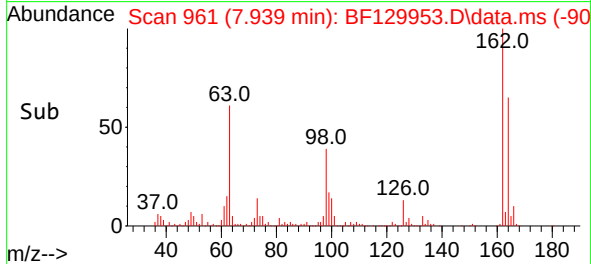


Tgt Ion:	162	Resp:	331564
Ion Ratio	Lower	Upper	
162	100		
164	64.7	43.7	83.7
98	38.7	16.5	56.5

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 49.106 ng

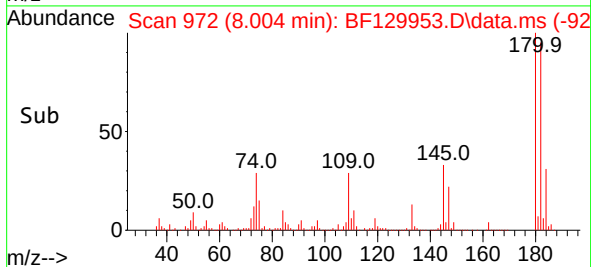
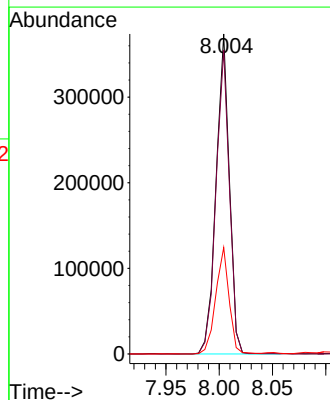
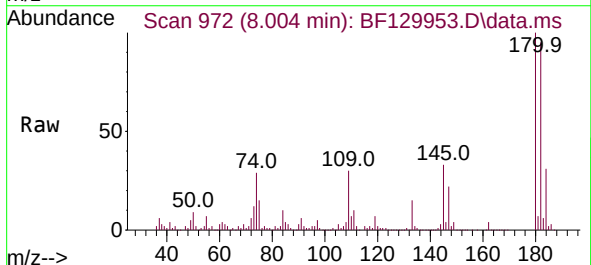
RT: 8.004 min Scan# 972

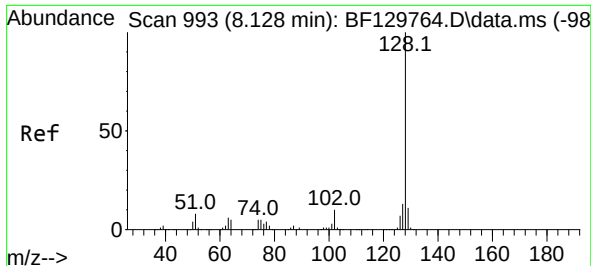
Delta R.T. 0.000 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Tgt Ion:	180	Resp:	325005
Ion Ratio	Lower	Upper	
180	100		
182	95.0	77.6	116.4
145	33.2	25.6	38.4





#31

Naphthalene

Concen: 48.940 ng

RT: 8.087 min Scan# 986

Delta R.T. 0.006 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

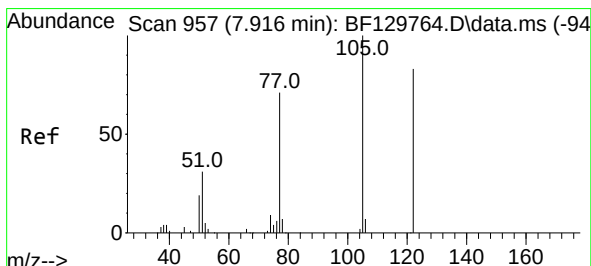
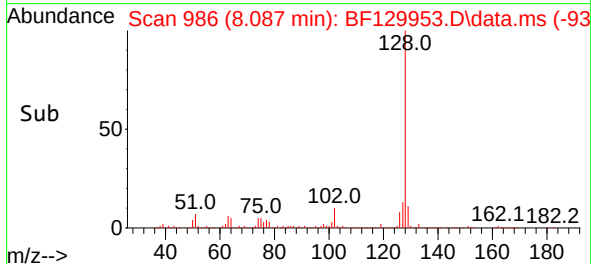
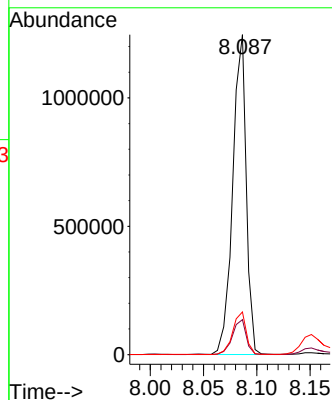
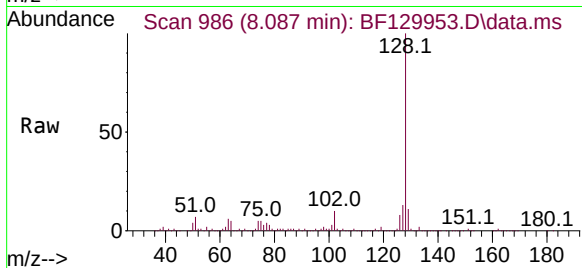
Tgt Ion:128 Resp: 1104909

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.3	10.7	16.1

Manual Integrations

APPROVED

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



#32

Benzoic acid

Concen: 62.000 ng

RT: 7.892 min Scan# 953

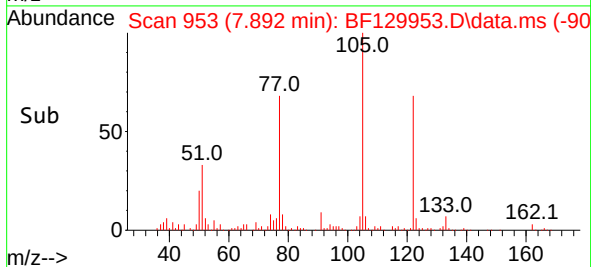
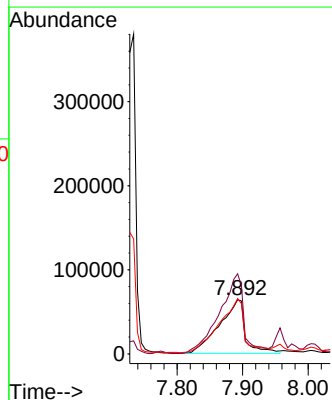
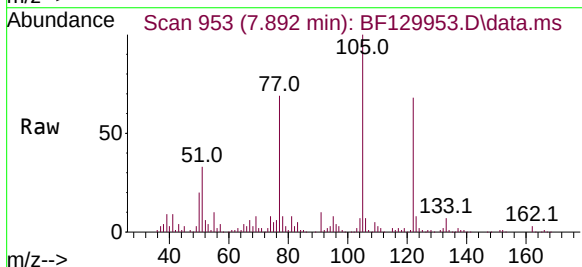
Delta R.T. 0.012 min

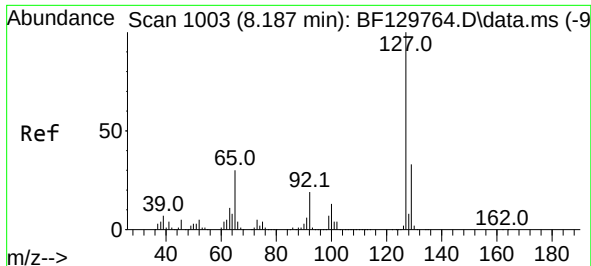
Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Tgt Ion:122 Resp: 175290

Ion	Ratio	Lower	Upper
122	100		
105	148.0	99.9	139.9
77	102.1	65.9	105.9





#33

4-Chloroaniline

Concen: 15.528 ng

RT: 8.151 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

Tgt Ion:127 Resp: 13786

Ion Ratio Lower Upper

127 100

129 32.7 26.7 40.1

65 33.5 24.2 36.2

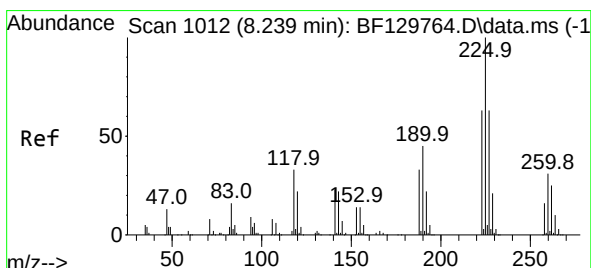
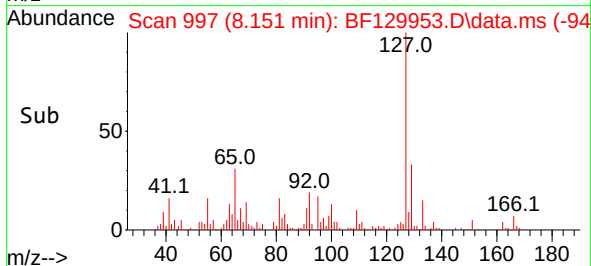
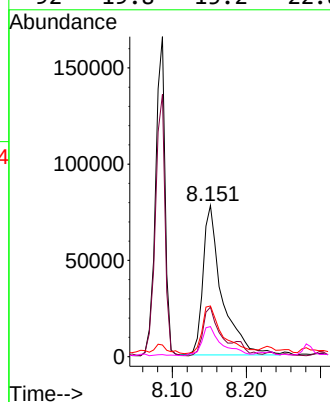
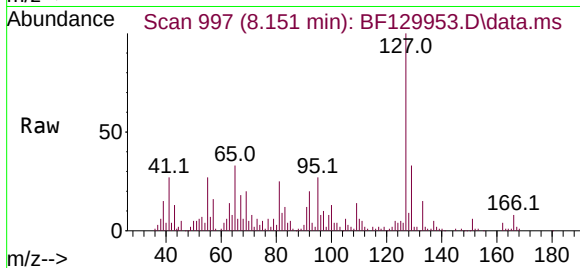
92 19.8 15.2 22.8

Manual Integrations

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Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#34

Hexachlorobutadiene

Concen: 50.499 ng

RT: 8.192 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

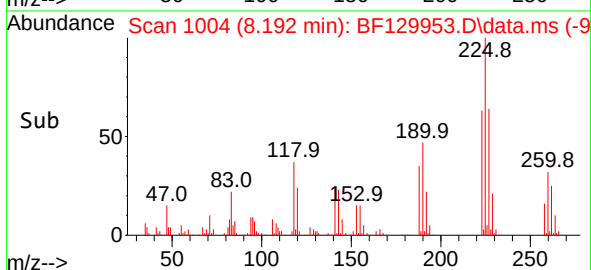
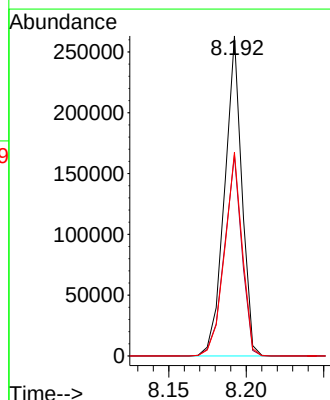
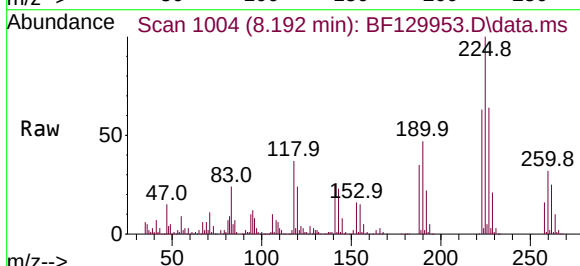
Tgt Ion:225 Resp: 203515

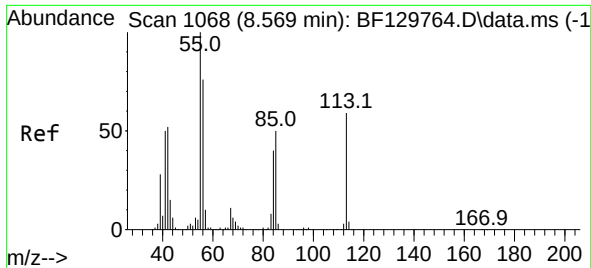
Ion Ratio Lower Upper

225 100

223 62.7 50.2 75.2

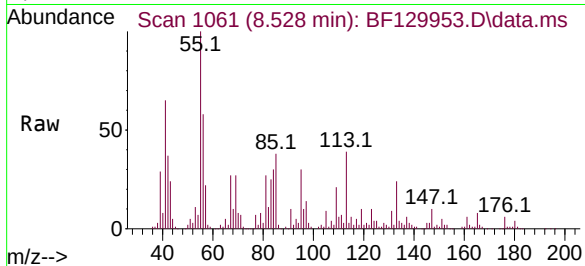
227 63.6 50.6 75.8





#35
Caprolactam
Concen: 52.071 ng
RT: 8.528 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

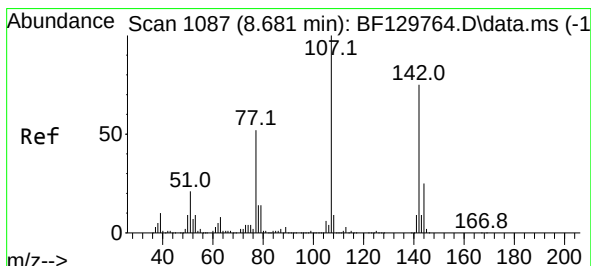
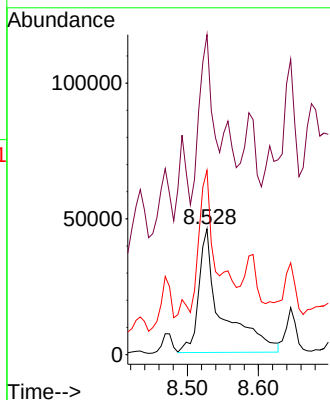
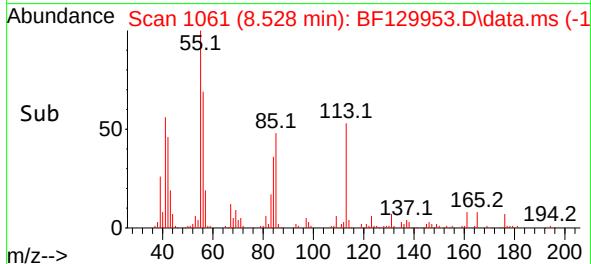
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



Tgt Ion:113 Resp: 101588
Ion Ratio Lower Upper
113 100
55 254.5 148.8 188.8
56 146.6 109.1 149.1

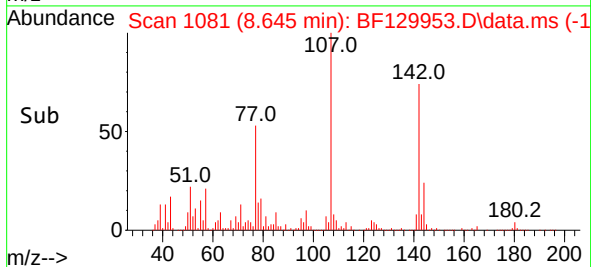
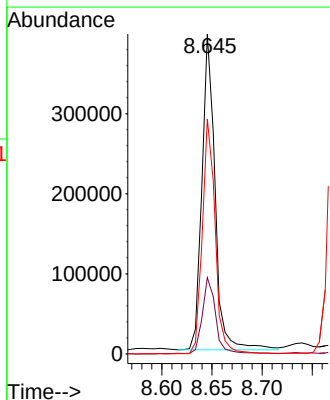
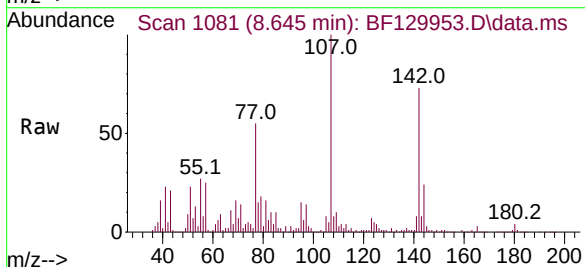
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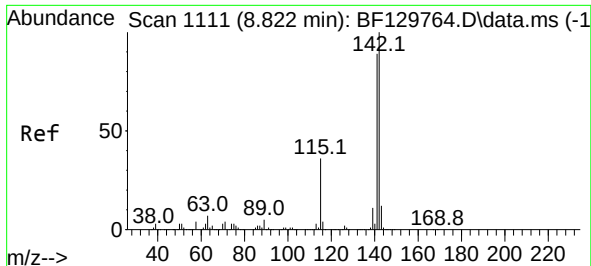
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#36
4-Chloro-3-methylphenol
Concen: 52.962 ng
RT: 8.645 min Scan# 1081
Delta R.T. 0.012 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:107 Resp: 358459
Ion Ratio Lower Upper
107 100
144 23.8 19.9 29.9
142 73.5 60.2 90.4





#37

2-Methylnaphthalene

Concen: 44.713 ng

RT: 8.775 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

Tgt Ion:142 Resp: 662540

Ion Ratio Lower Upper

142 100

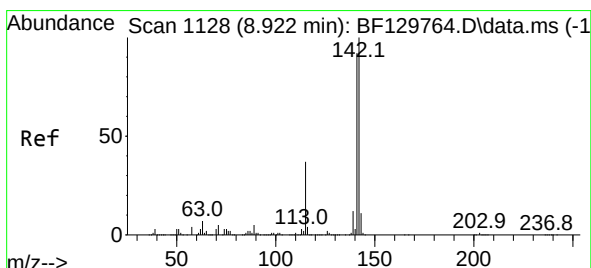
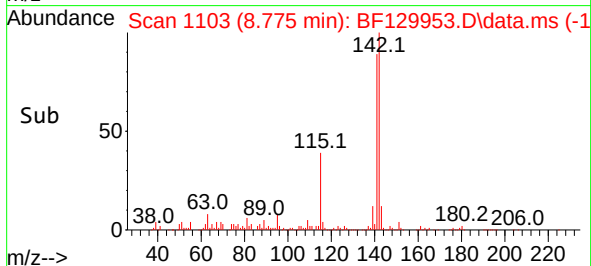
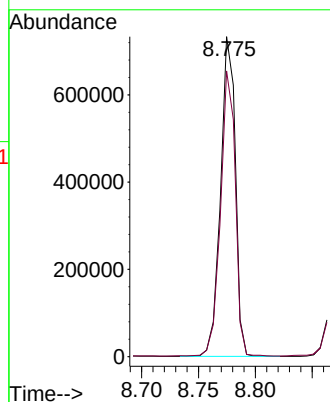
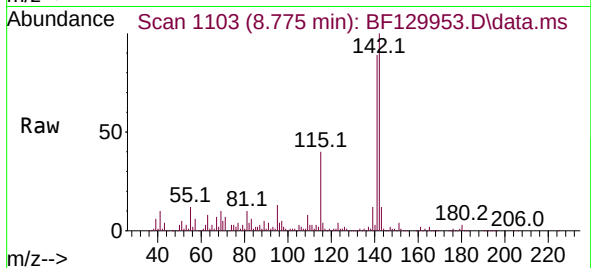
141 89.3 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#38

1-Methylnaphthalene

Concen: 42.665 ng

RT: 8.875 min Scan# 1120

Delta R.T. 0.006 min

Lab File: BF129953.D

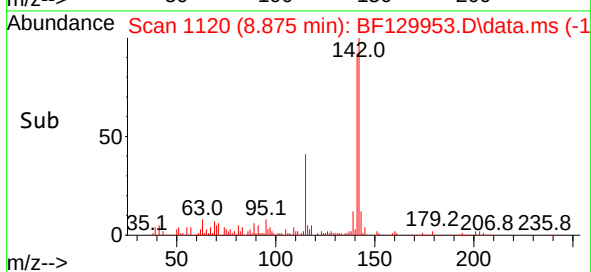
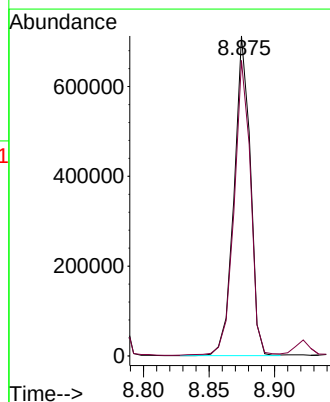
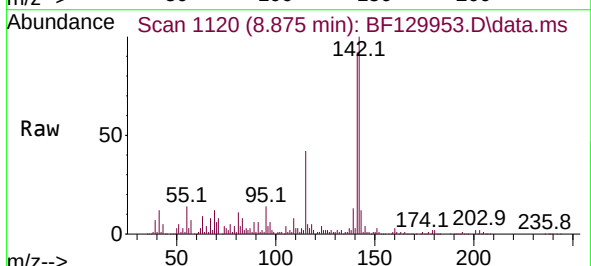
Acq: 23 Aug 2022 14:49

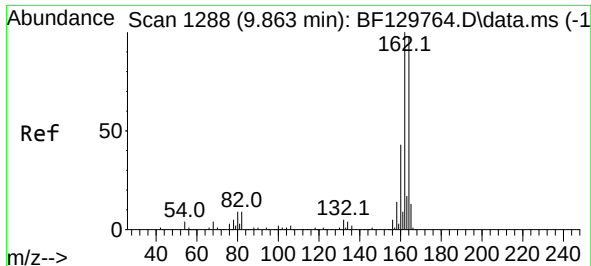
Tgt Ion:142 Resp: 614408

Ion Ratio Lower Upper

142 100

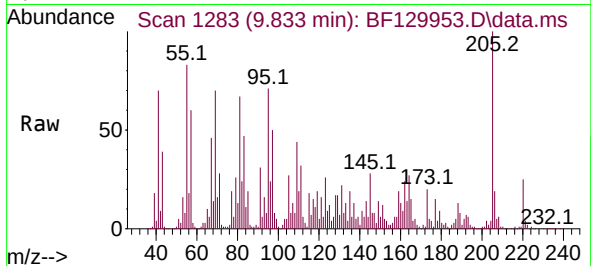
141 92.3 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1128
Delta R.T. 0.018 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

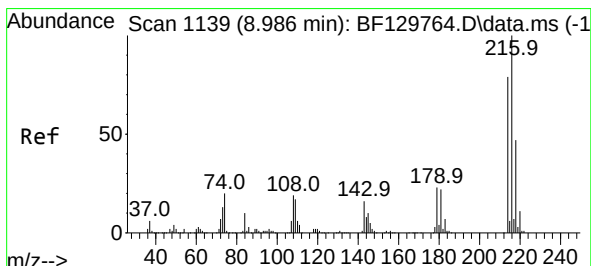
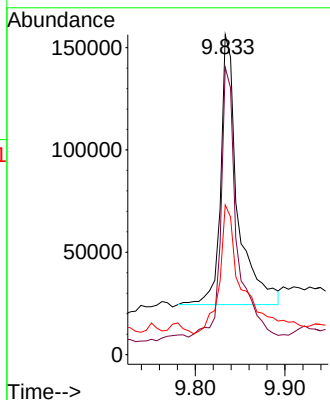
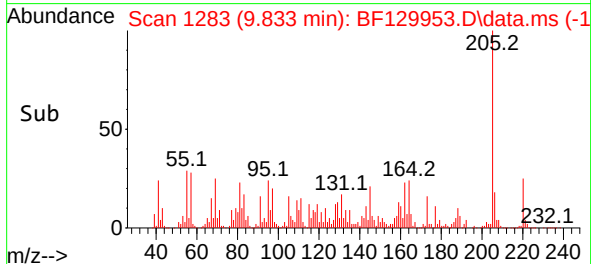
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



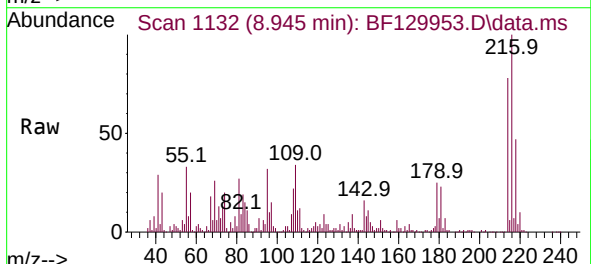
Tgt Ion:164 Resp: 175211
Ion Ratio Lower Upper
164 100
162 89.8 82.0 123.0
160 46.8 35.4 53.0

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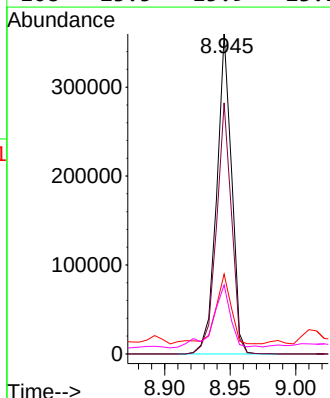
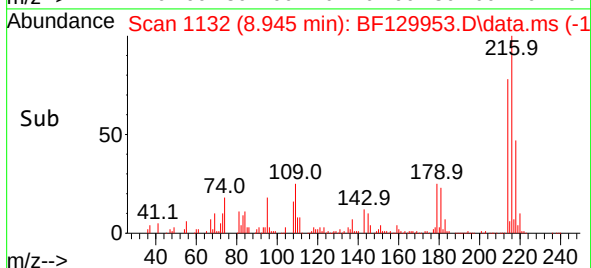
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

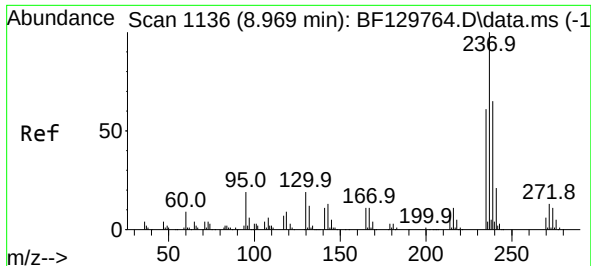


#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.747 ng
RT: 8.945 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



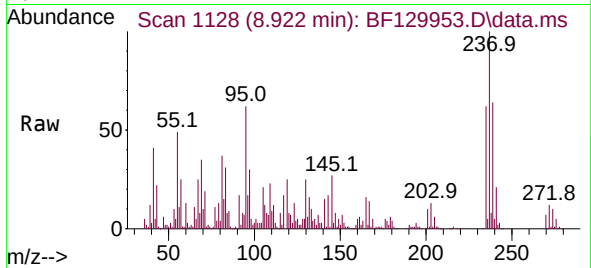
Tgt Ion:216 Resp: 286283
Ion Ratio Lower Upper
216 100
214 79.0 63.1 94.7
179 21.3 18.1 27.1
108 23.5 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 98.487 ng
RT: 8.922 min Scan# 1136
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

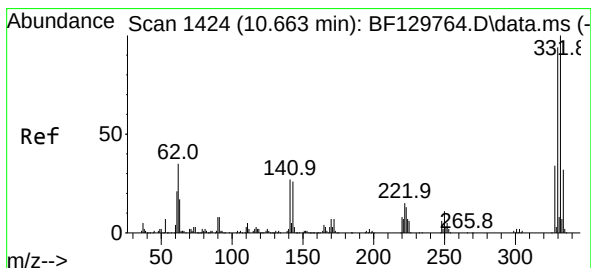
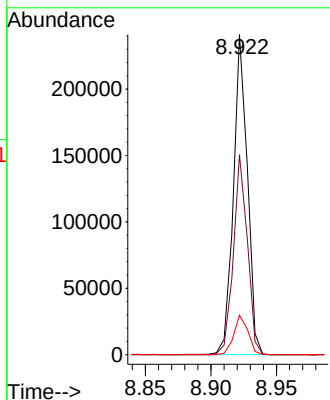
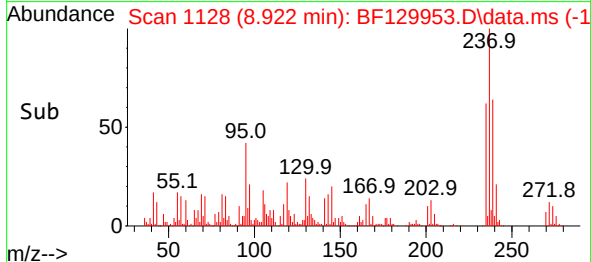
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



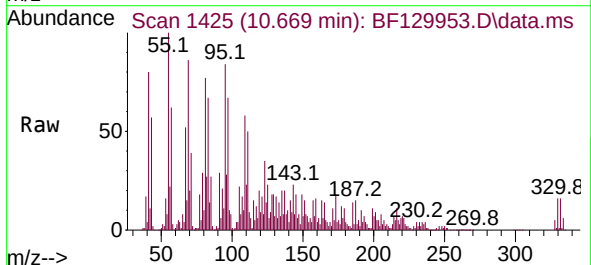
Tgt Ion:237 Resp: 177664
Ion Ratio Lower Upper
237 100
235 62.5 41.5 81.5
272 12.3 0.0 33.3

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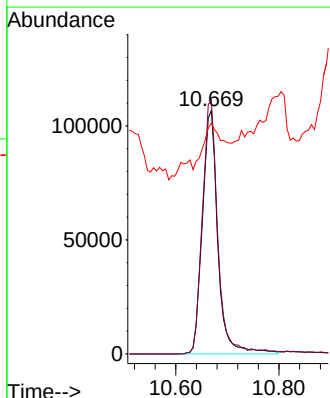
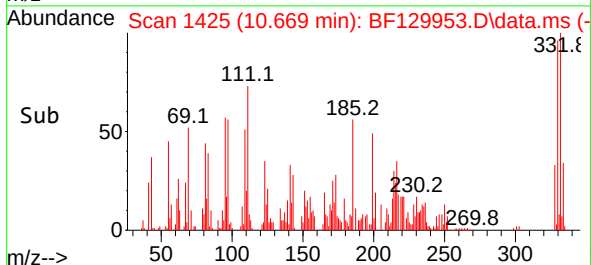
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

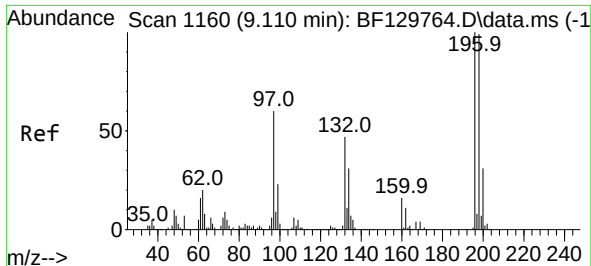


#42
2,4,6-Tribromophenol
Concen: 125.898 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.059 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



Tgt Ion:330 Resp: 221393
Ion Ratio Lower Upper
330 100
332 103.4 82.6 124.0
141 24.3 27.6 41.4#





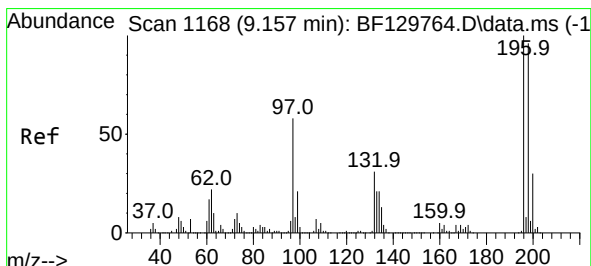
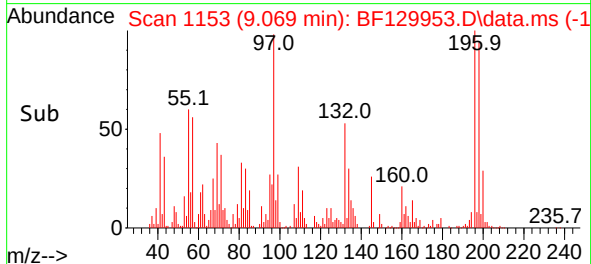
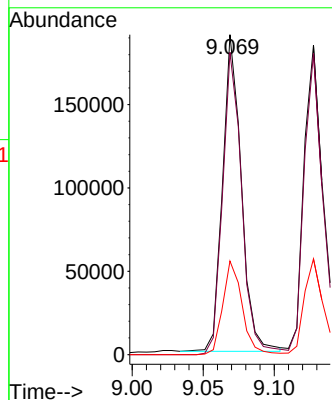
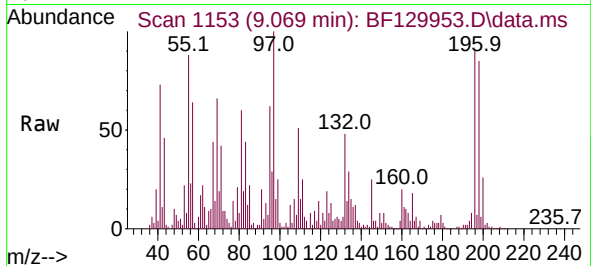
#43
2,4,6-Trichlorophenol
Concen: 55.047 ng
RT: 9.069 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

Tgt Ion:196 Resp: 174291
Ion Ratio Lower Upper
196 100
198 94.4 79.0 118.4
200 29.3 25.1 37.7

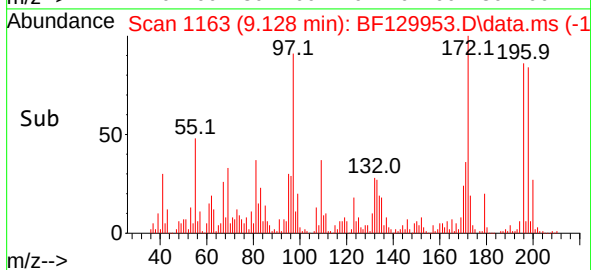
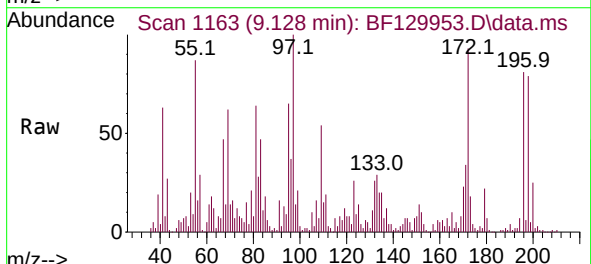
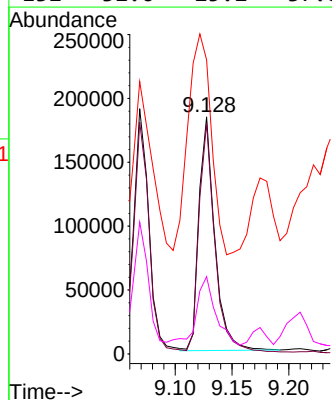
Manual Integrations
APPROVED

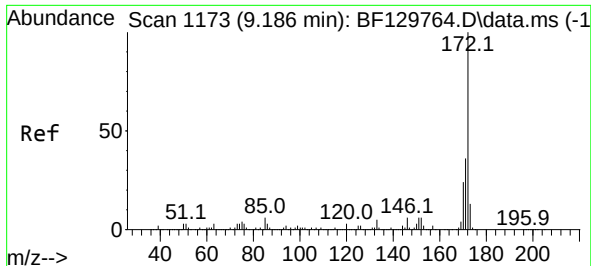
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#44
2,4,5-Trichlorophenol
Concen: 52.032 ng
RT: 9.128 min Scan# 1163
Delta R.T. 0.018 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

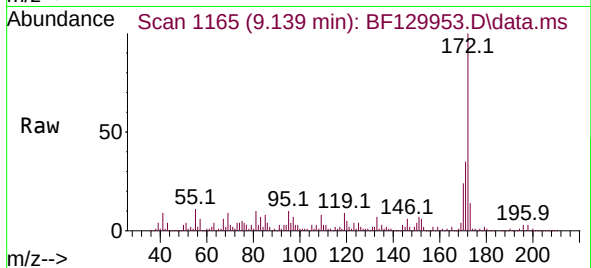
Tgt Ion:196 Resp: 177242
Ion Ratio Lower Upper
196 100
198 97.3 76.4 114.6
97 124.0 46.5 69.7#
132 32.6 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 104.843 ng
RT: 9.139 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

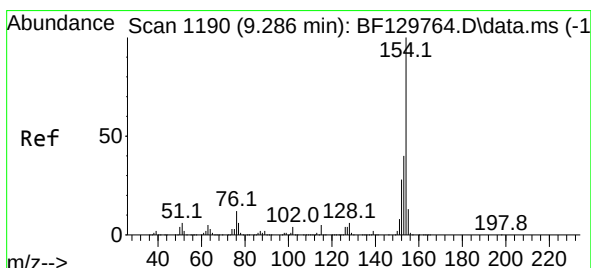
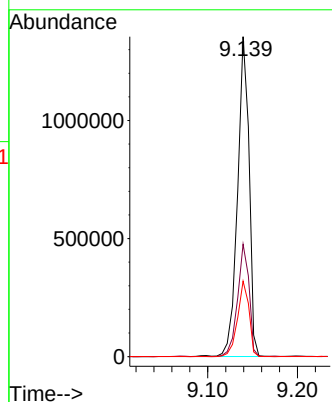
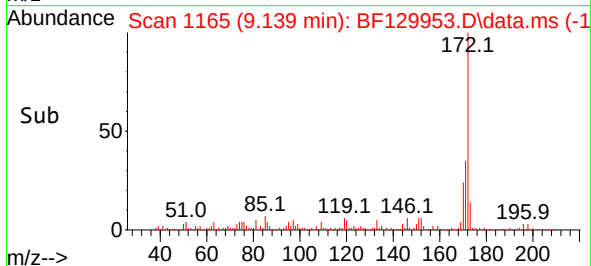
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



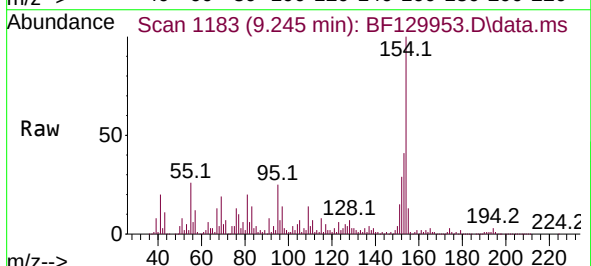
Tgt Ion:172 Resp: 1209482
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.6 19.1 28.7

Manual Integrations
APPROVED

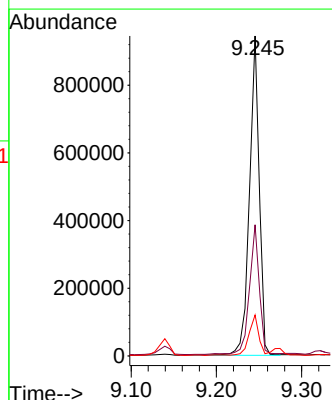
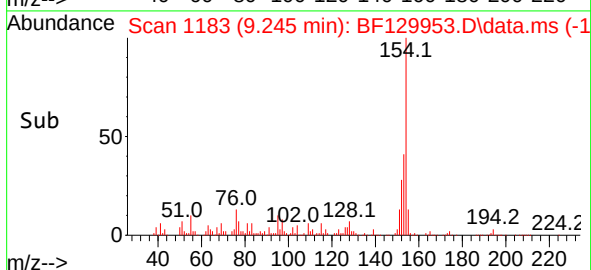
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

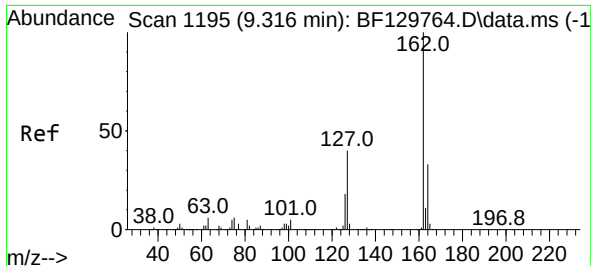


#46
1,1'-Biphenyl
Concen: 56.471 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.012 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



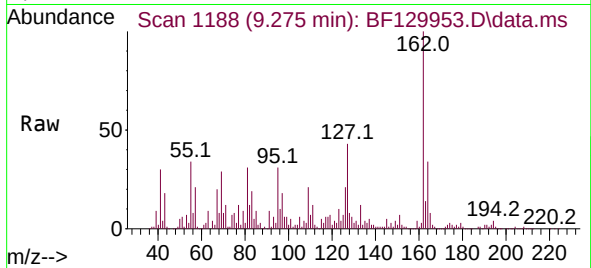
Tgt Ion:154 Resp: 751670
Ion Ratio Lower Upper
154 100
153 41.0 20.2 60.2
76 12.8 0.0 32.1





#47
2-Chloronaphthalene
Concen: 54.057 ng
RT: 9.275 min Scan# 1195
Delta R.T. 0.012 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

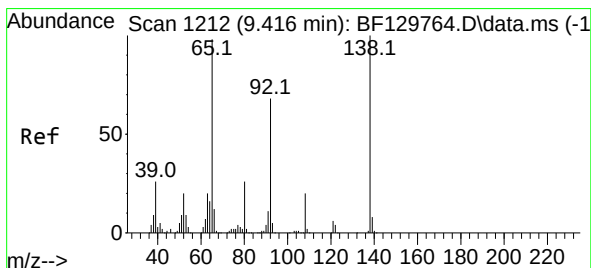
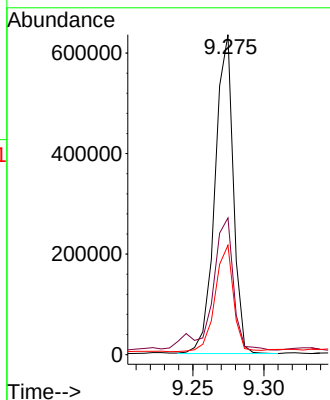
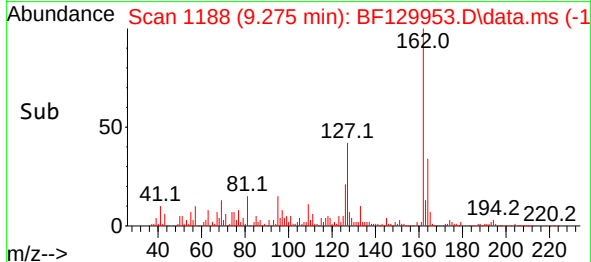
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



Tgt Ion:162 Resp: 569320
Ion Ratio Lower Upper
162 100
127 42.7 33.1 49.7
164 34.2 26.7 40.1

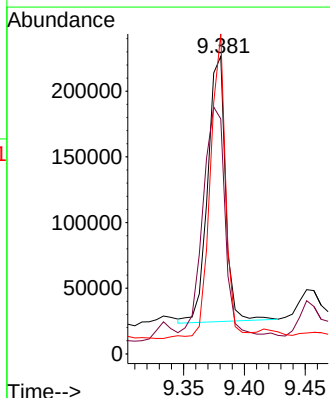
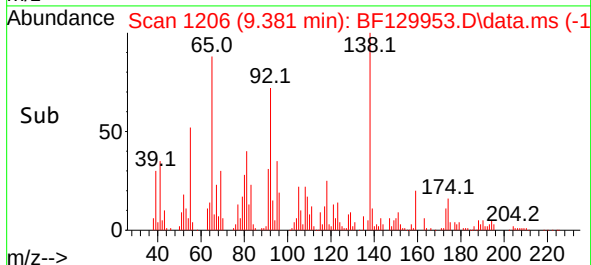
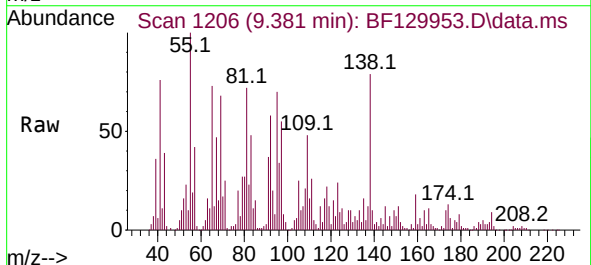
Manual Integrations
APPROVED

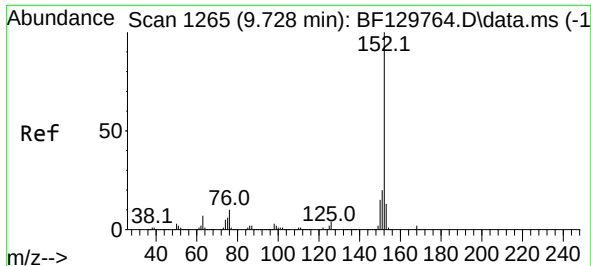
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#48
2-Nitroaniline
Concen: 61.727 ng
RT: 9.381 min Scan# 1206
Delta R.T. 0.012 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

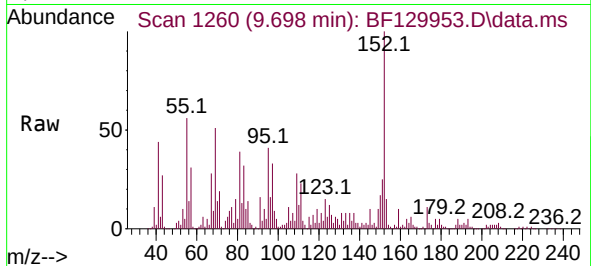
Tgt Ion: 65 Resp: 205445
Ion Ratio Lower Upper
65 100
92 79.0 55.0 82.4
138 107.5 81.3 121.9





#49
Acenaphthylene
Concen: 51.577 ng
RT: 9.698 min Scan# 1260
Delta R.T. 0.018 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

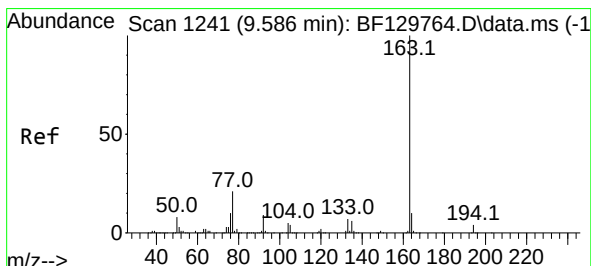
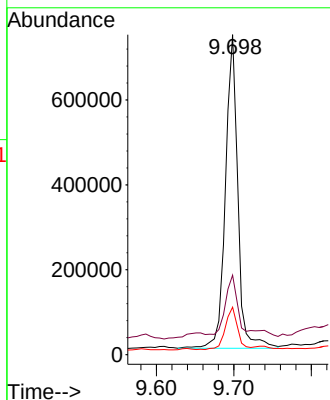
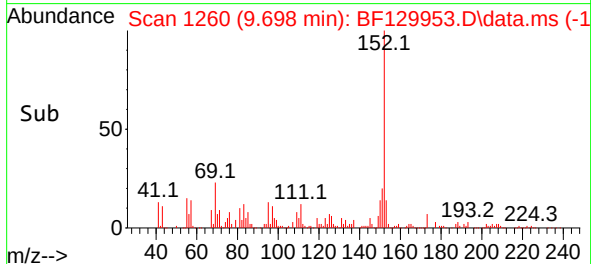
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



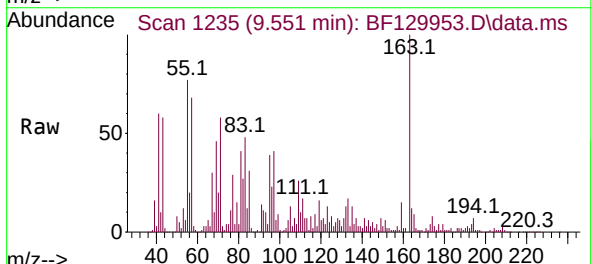
Tgt Ion:152 Resp: 82371
Ion Ratio Lower Upper
152 100
151 24.8 16.1 24.1#
153 14.8 10.6 16.0

Manual Integrations
APPROVED

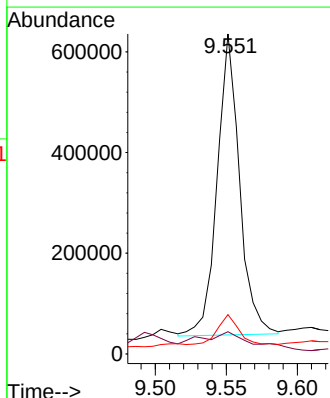
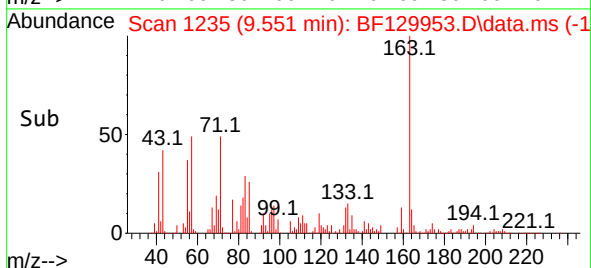
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

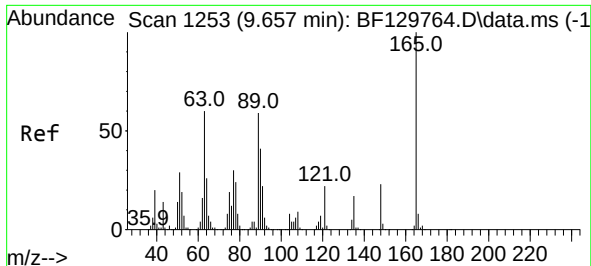


#50
Dimethylphthalate
Concen: 52.236 ng
RT: 9.551 min Scan# 1235
Delta R.T. 0.012 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



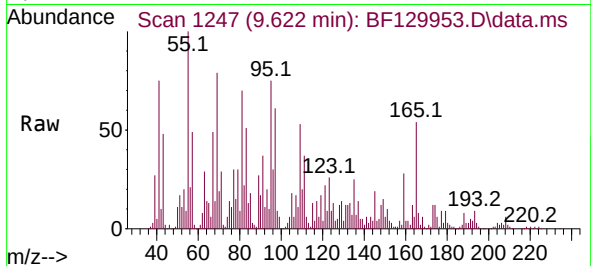
Tgt Ion:163 Resp: 656101
Ion Ratio Lower Upper
163 100
194 7.0 3.3 4.9#
164 12.3 8.2 12.2#





#51
2,6-Dinitrotoluene
Concen: 55.136 ng
RT: 9.622 min Scan# 1247
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

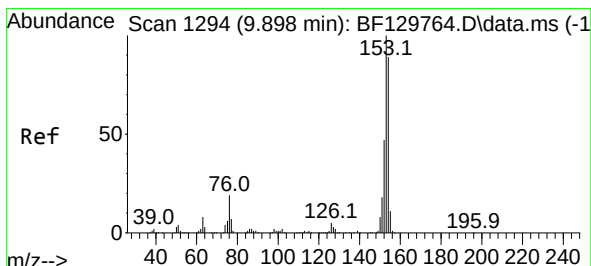
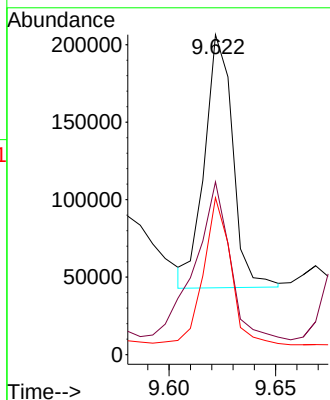
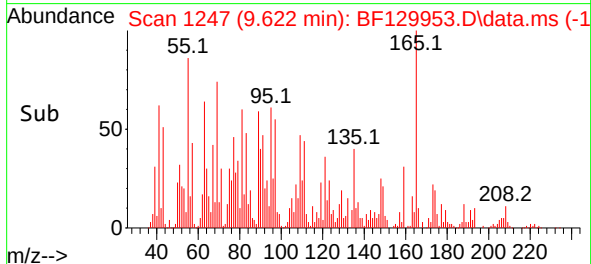
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



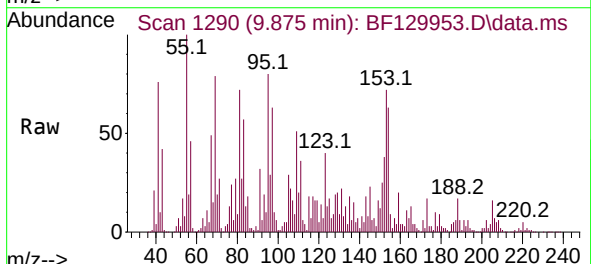
Tgt Ion:165 Resp: 150224
Ion Ratio Lower Upper
165 100
63 54.0 47.8 71.8
89 49.0 47.2 70.8

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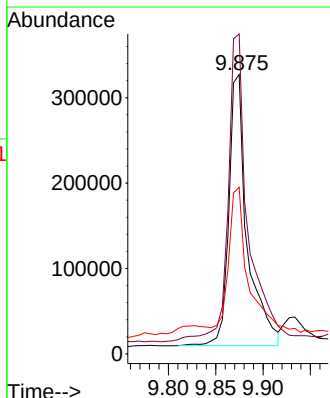
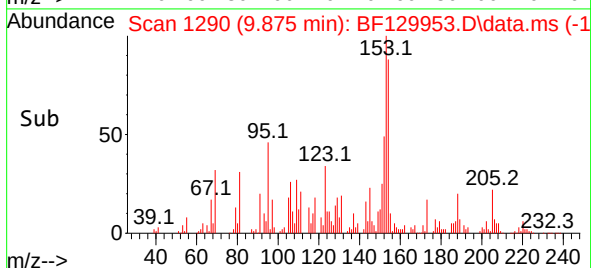
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

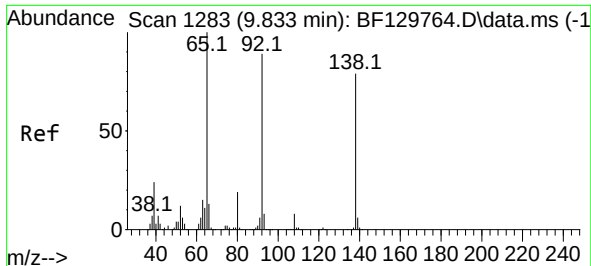


#52
Acenaphthene
Concen: 44.445 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.024 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



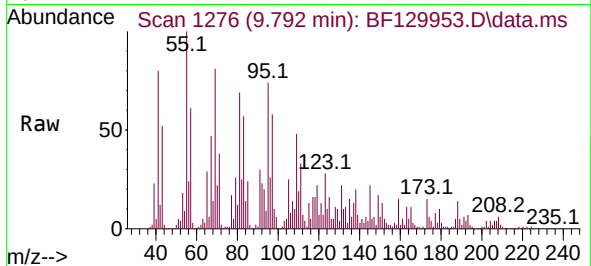
Tgt Ion:154 Resp: 430643
Ion Ratio Lower Upper
154 100
153 114.6 89.8 134.6
152 59.7 42.1 63.1





#53
3-Nitroaniline
Concen: 38.660 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

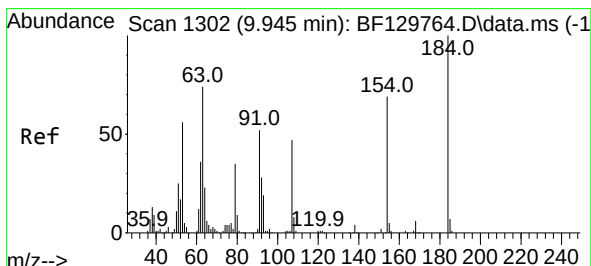
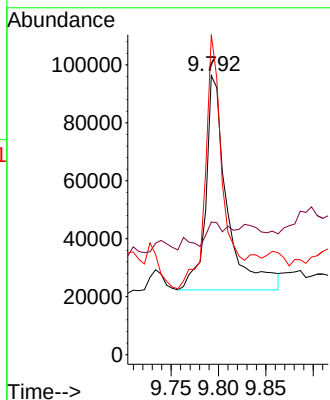
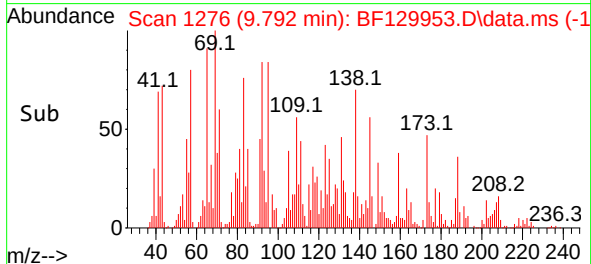
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



Tgt Ion:138 Resp: 116486
Ion Ratio Lower Upper
138 100
108 47.5 8.4 12.6
92 114.7 89.8 134.8

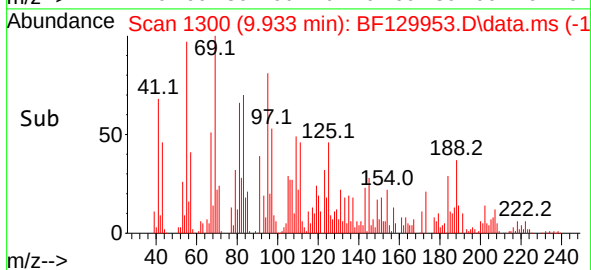
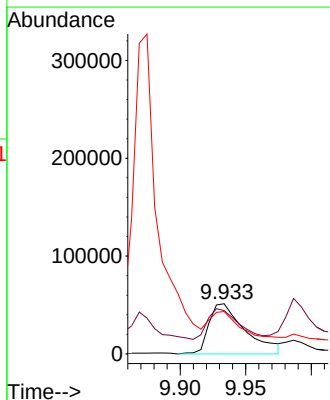
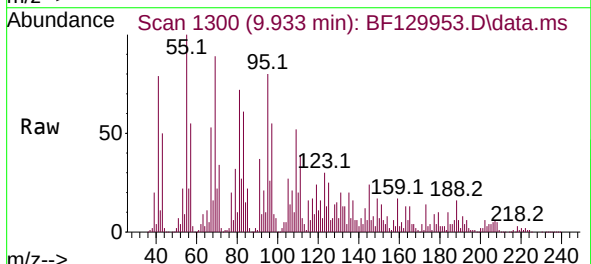
Manual Integrations
APPROVED

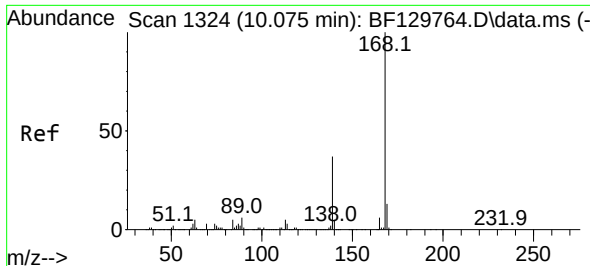
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#54
2,4-Dinitrophenol
Concen: 80.128 ng
RT: 9.933 min Scan# 1300
Delta R.T. 0.030 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:184 Resp: 98718
Ion Ratio Lower Upper
184 100
63 86.5 59.6 89.4
154 84.3 55.3 82.9





#55

Dibenzofuran

Concen: 45.816 ng

RT: 10.045 min Scan# 1319

Delta R.T. 0.024 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

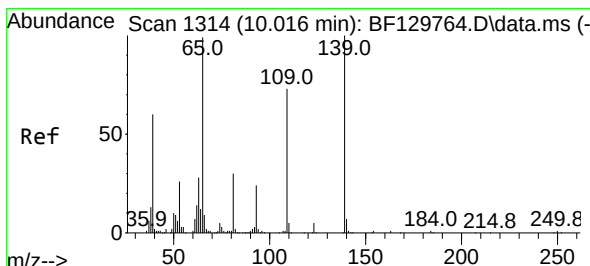
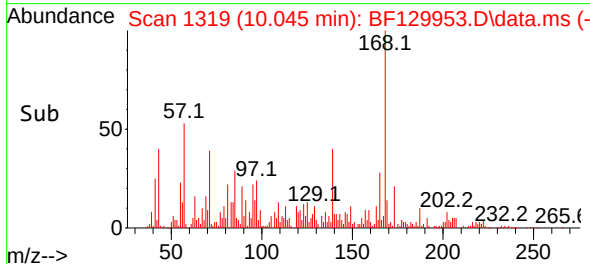
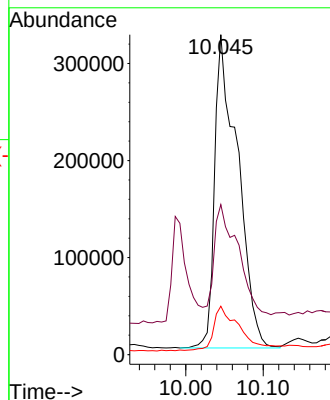
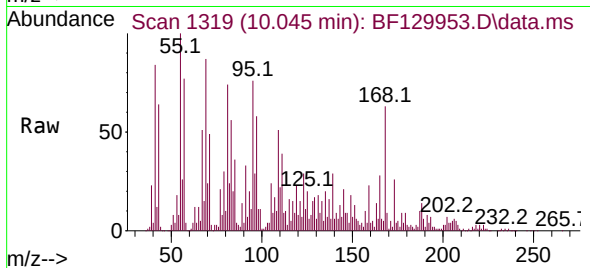
RBR-21153MSD

Tgt Ion:168 Resp: 666936
 Ion Ratio Lower Upper
 168 100
 139 46.9 31.3 46.9
 169 15.1 10.7 16.1

Manual Integrations

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



#56

4-Nitrophenol

Concen: 107.588 ng

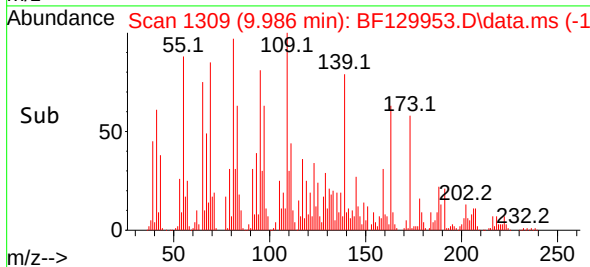
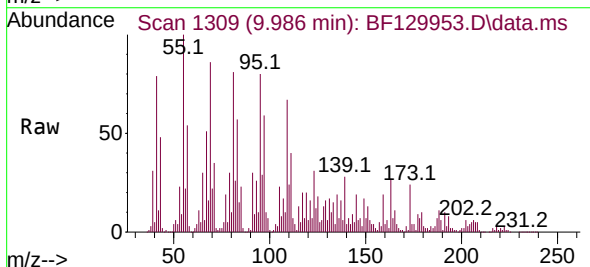
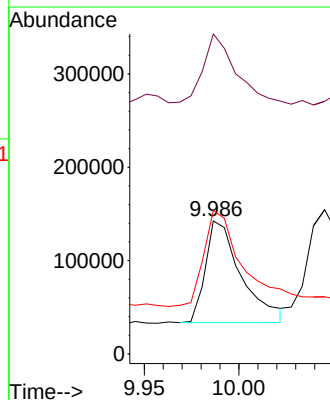
RT: 9.986 min Scan# 1309

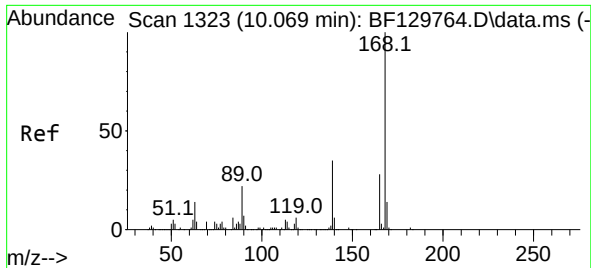
Delta R.T. 0.012 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

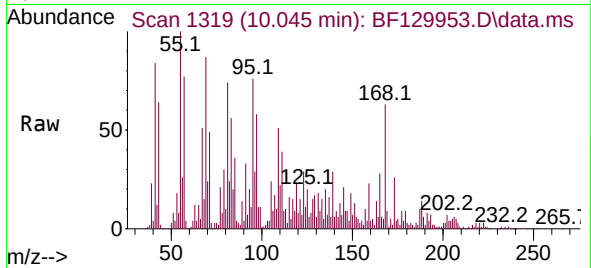
Tgt Ion:139 Resp: 144219
 Ion Ratio Lower Upper
 139 100
 109 240.7 52.9 92.9
 65 107.9 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 59.757 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.024 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

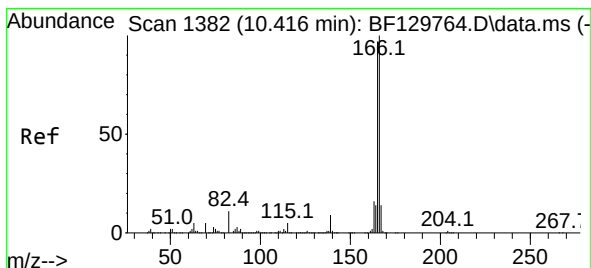
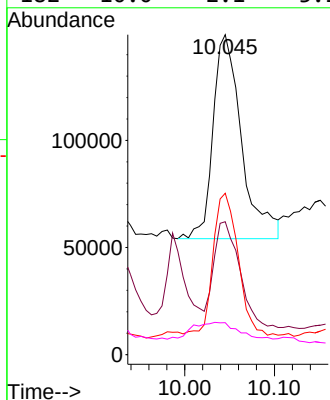
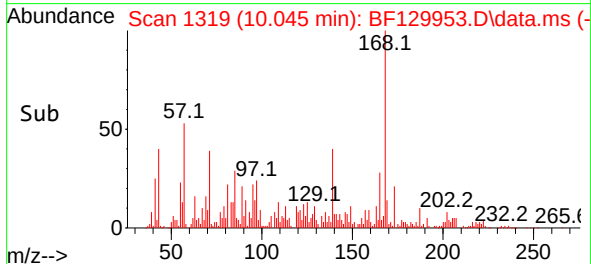
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



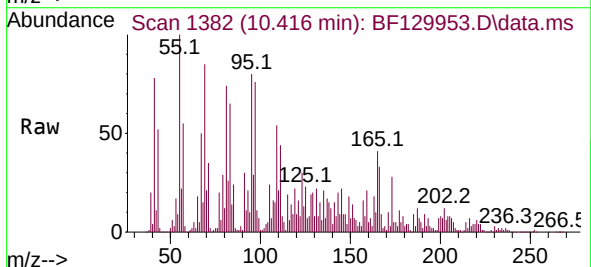
Tgt Ion:165 Resp: 211356
Ion Ratio Lower Upper
165 100
63 41.5 48.4 72.6
89 50.4 62.3 93.5
182 10.0 2.1 3.1#

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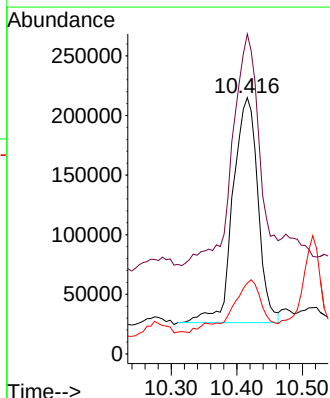
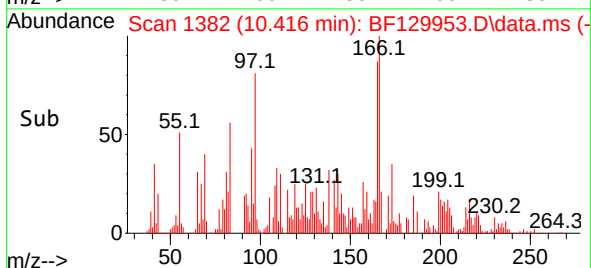
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

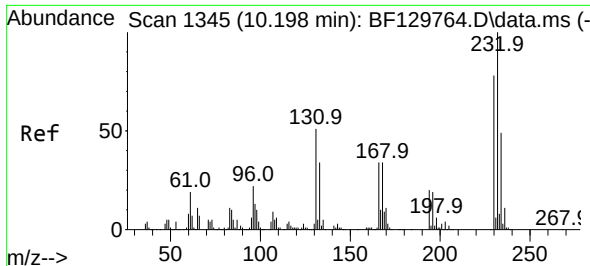


#58
Fluorene
Concen: 41.074 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.053 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



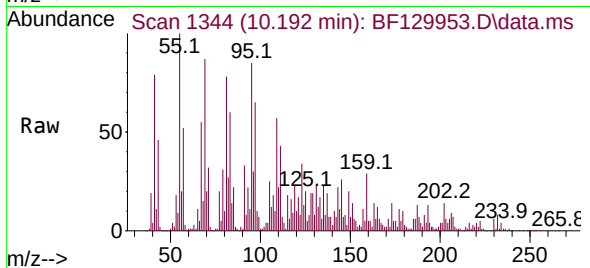
Tgt Ion:166 Resp: 499233
Ion Ratio Lower Upper
166 100
165 124.9 77.9 116.9#
167 27.6 11.0 16.4#





#59
2,3,4,6-Tetrachlorophenol
Concen: 34.512 ng
RT: 10.192 min Scan# 1344
Delta R.T. 0.041 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

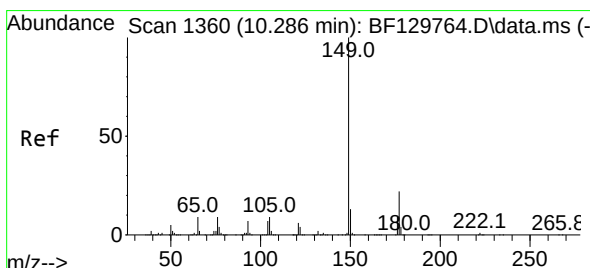
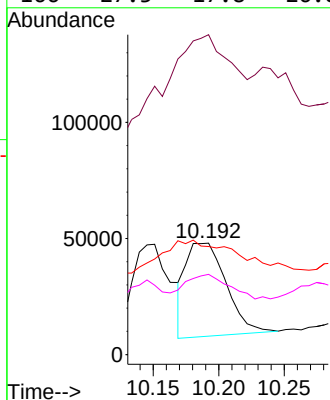
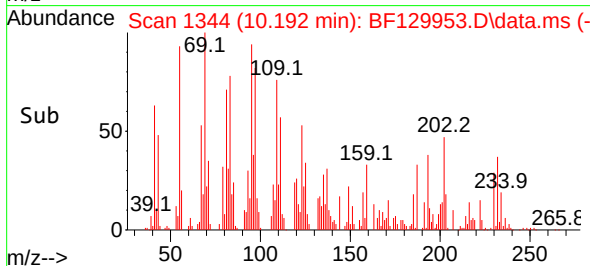
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



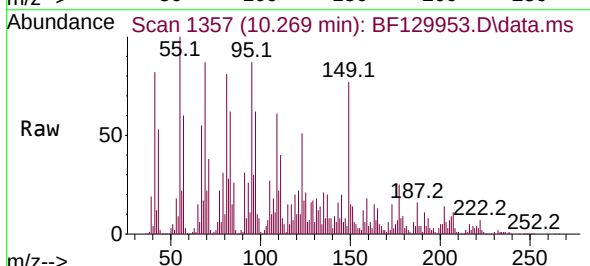
Tgt Ion:232 Resp: 86275
Ion Ratio Lower Upper
232 100
131 215.0 29.9 44.9#
130 68.4 1.5 2.3#
166 27.3 17.8 26.8#

Manual Integrations
APPROVED

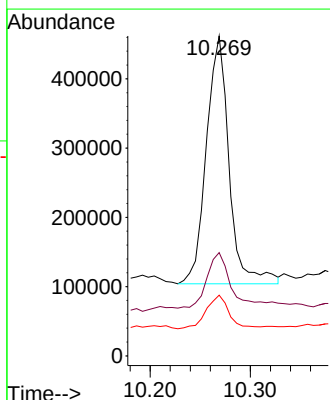
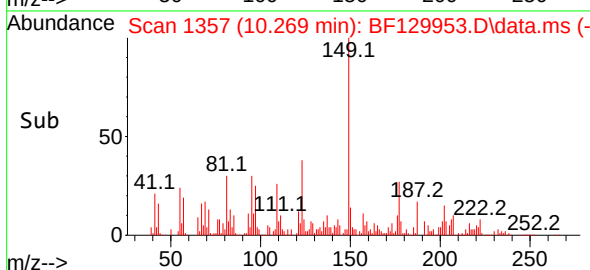
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

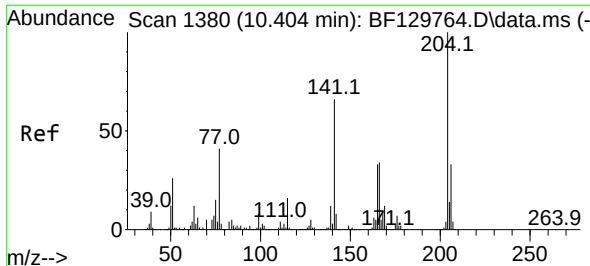


#60
Diethylphthalate
Concen: 45.135 ng
RT: 10.269 min Scan# 1357
Delta R.T. 0.030 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



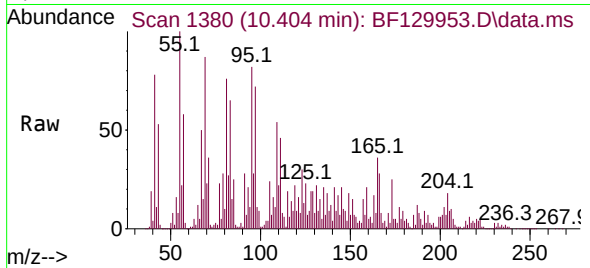
Tgt Ion:149 Resp: 565272
Ion Ratio Lower Upper
149 100
177 32.3 17.7 26.5#
150 19.0 10.1 15.1#





#61
4-Chlorophenyl-phenylether
Concen: 38.481 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.053 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

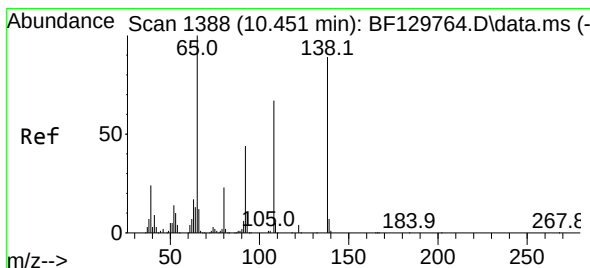
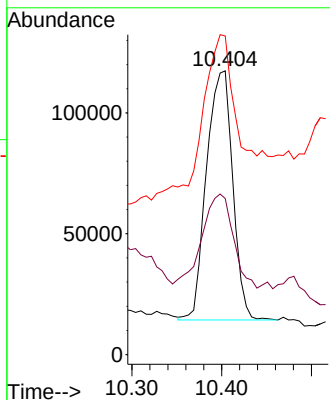
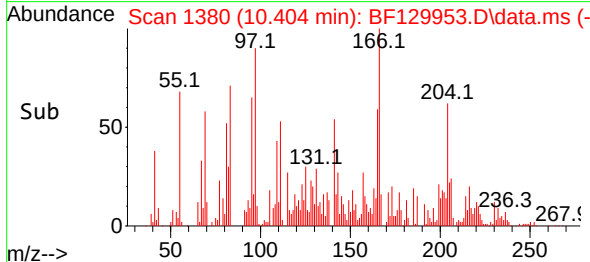
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



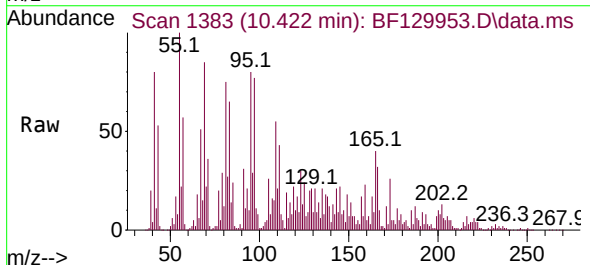
Tgt Ion: 204 Resp: 209896
Ion Ratio Lower Upper
204 100
206 55.0 26.5 39.7
141 112.3 52.6 79.0

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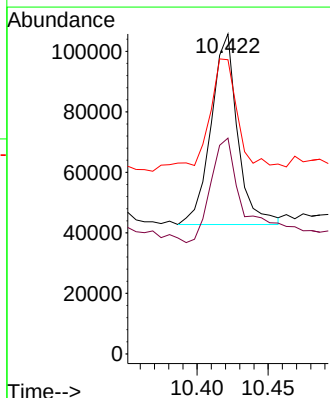
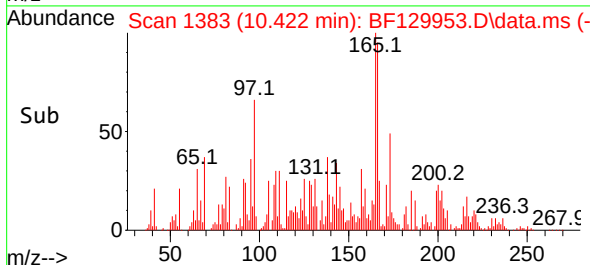
Reviewed By : Christian Giraldo 08/24/2022
Supervised By : Jagrut Upadhyay 08/24/2022

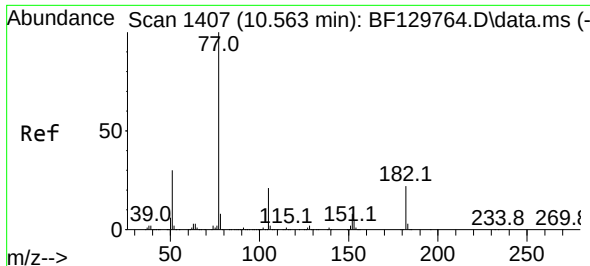


#62
4-Nitroaniline
Concen: 27.099 ng
RT: 10.422 min Scan# 1383
Delta R.T. 0.018 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



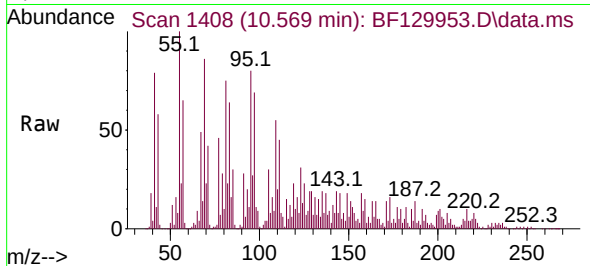
Tgt Ion: 138 Resp: 82374
Ion Ratio Lower Upper
138 100
92 67.4 30.3 70.3
108 91.9 55.7 95.7





#63
Azobenzene
Concen: 30.885 ng m
RT: 10.569 min Scan# 1407
Delta R.T. 0.053 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

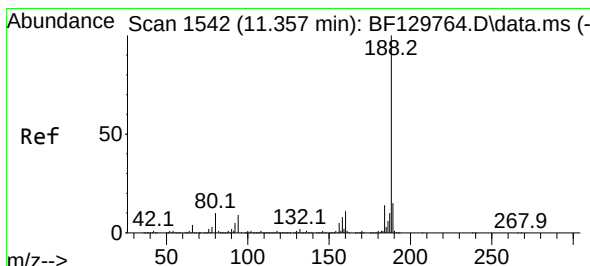
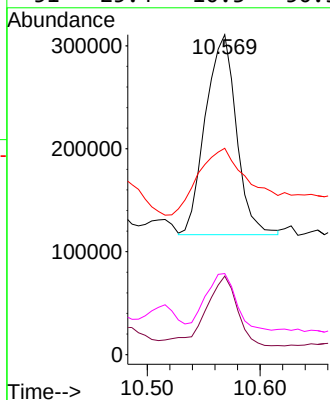
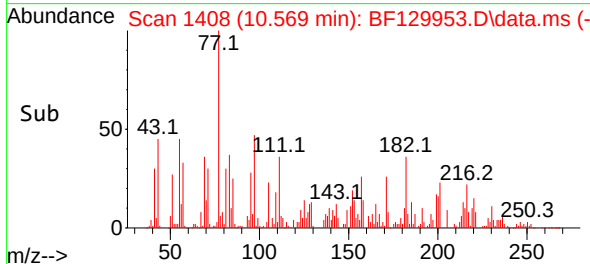
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



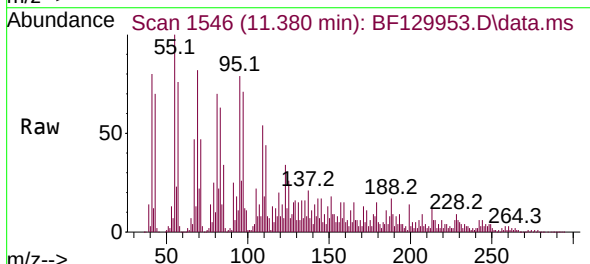
Tgt Ion: 77 Resp: 369721
Ion Ratio Lower Upper
77 100
182 24.5 2.2 42.2
105 64.5 0.8 40.8
51 25.4 10.3 50.3

Manual Integrations
APPROVED

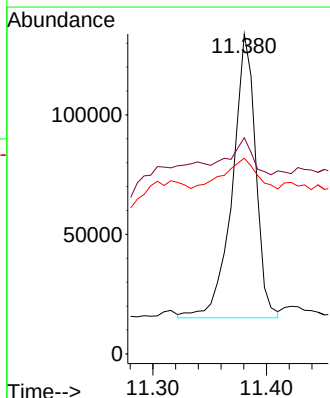
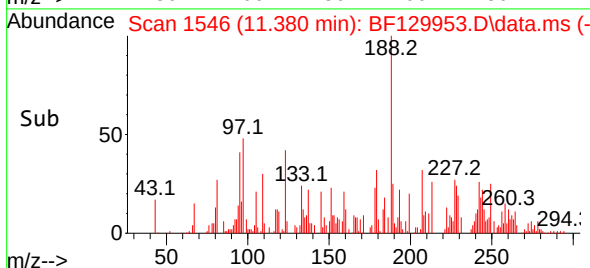
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

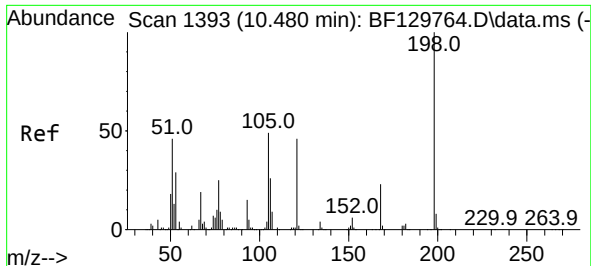


#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.380 min Scan# 1546
Delta R.T. 0.077 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



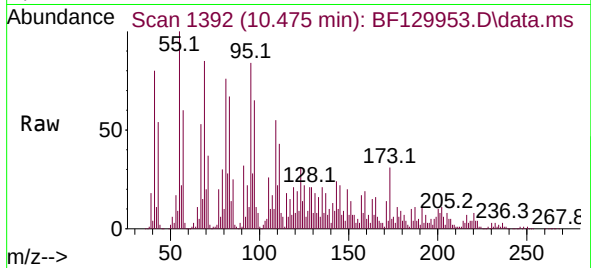
Tgt Ion:188 Resp: 168881
Ion Ratio Lower Upper
188 100
94 67.5 7.4 11.2#
80 61.1 7.9 11.9#





#65
4,6-Dinitro-2-methylphenol
Concen: 48.879 ng
RT: 10.475 min Scan# 1392
Delta R.T. 0.035 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

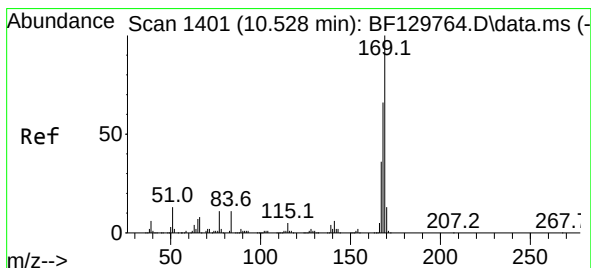
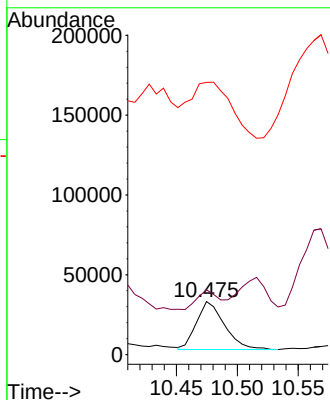
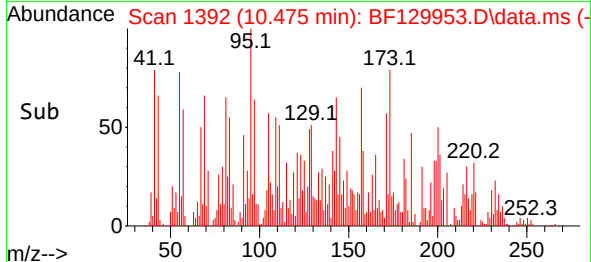
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



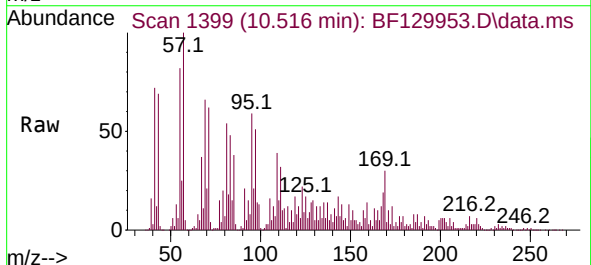
Tgt Ion:198 Resp: 48460
Ion Ratio Lower Upper
198 100
51 122.0 29.4 69.4
105 513.2 29.2 69.2

Manual Integrations
APPROVED

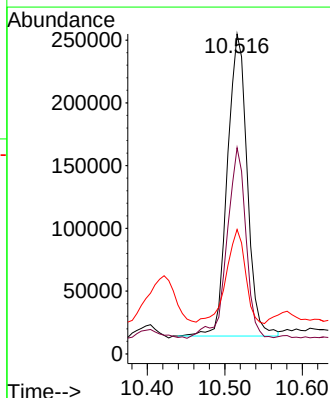
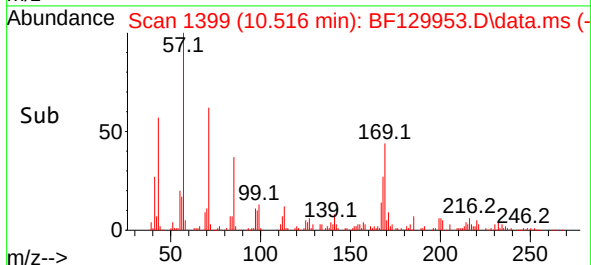
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

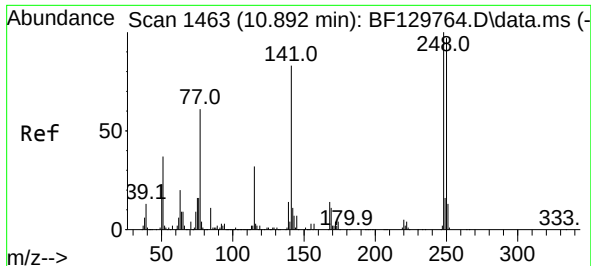


#66
n-Nitrosodiphenylamine
Concen: 75.000 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.035 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



Tgt Ion:169 Resp: 427506
Ion Ratio Lower Upper
169 100
168 64.4 53.4 80.2
167 38.9 29.1 43.7





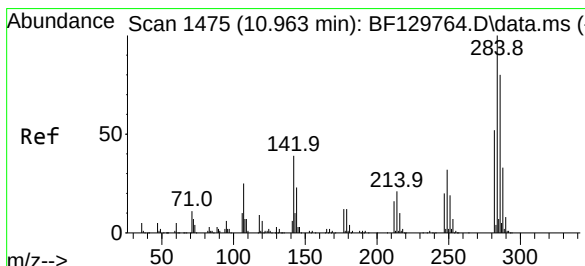
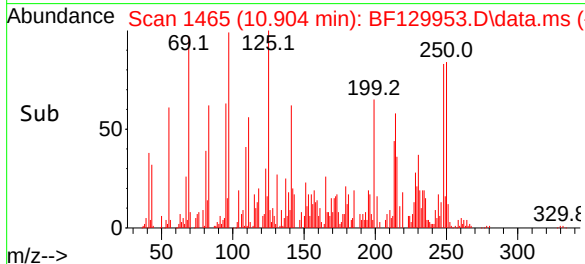
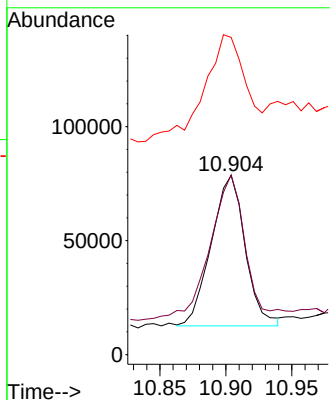
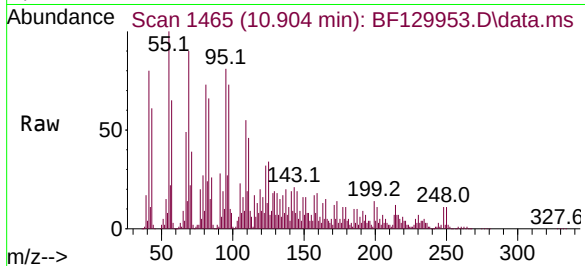
#67
4-Bromophenyl-phenylether
Concen: 59.638 ng m
RT: 10.904 min Scan# 1465
Delta R.T. 0.059 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

Tgt Ion:248 Resp: 117966
Ion Ratio Lower Upper
248 100
250 100.3 77.8 116.6
141 177.0 66.2 99.2

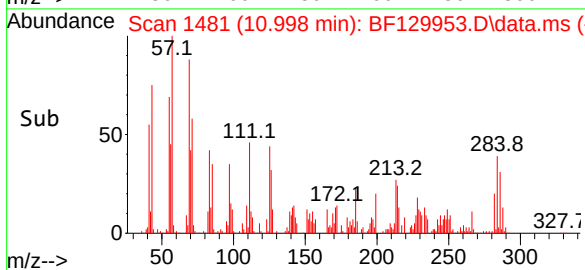
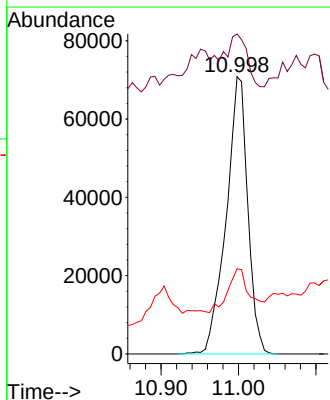
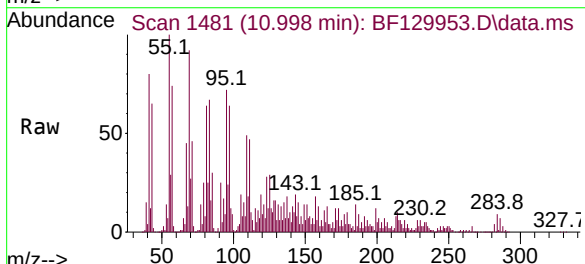
Manual Integrations
APPROVED

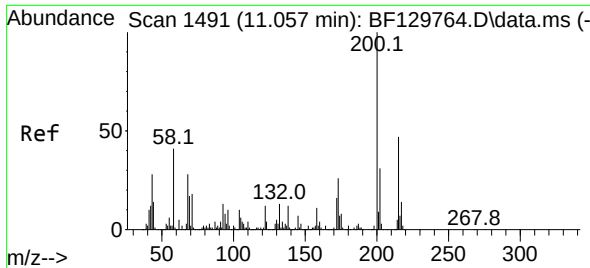
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#68
Hexachlorobenzene
Concen: 63.996 ng
RT: 10.998 min Scan# 1481
Delta R.T. 0.082 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

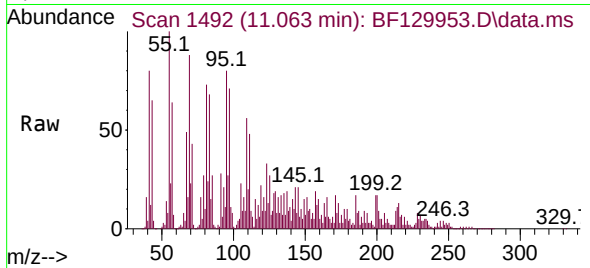
Tgt Ion:284 Resp: 137122
Ion Ratio Lower Upper
284 100
142 115.5 31.4 47.0#
249 30.7 25.7 38.5





#69
Atrazine
Concen: 110.211 ng m
RT: 11.063 min Scan# 1491
Delta R.T. 0.053 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

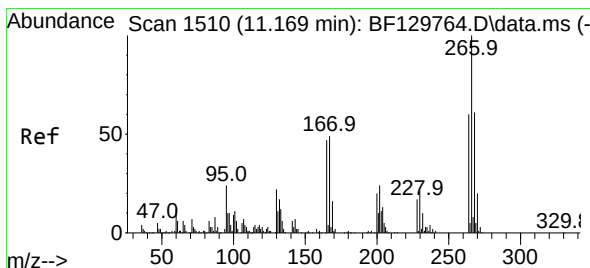
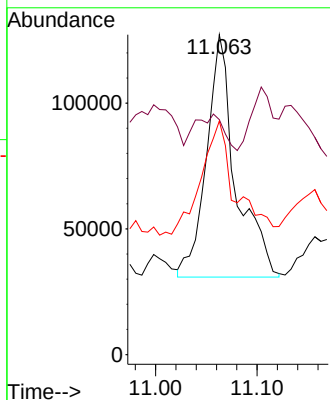
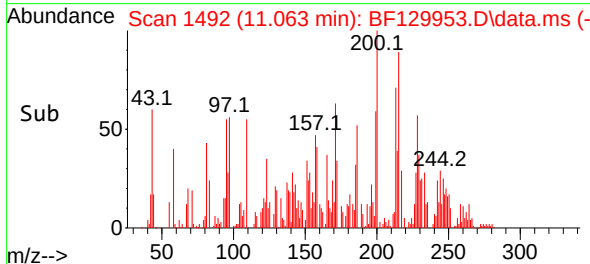
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



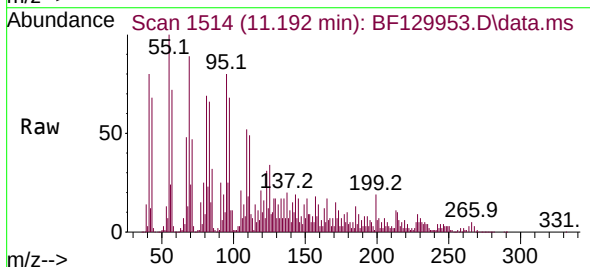
Tgt Ion:200 Resp: 192814
Ion Ratio Lower Upper
200 100
173 73.4 6.4 46.4
215 73.0 27.1 67.1

Manual Integrations
APPROVED

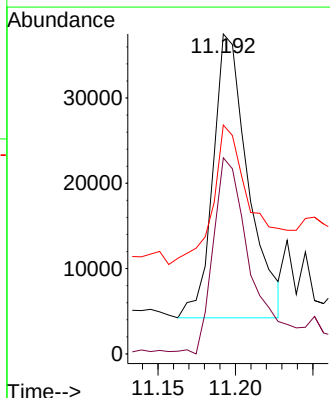
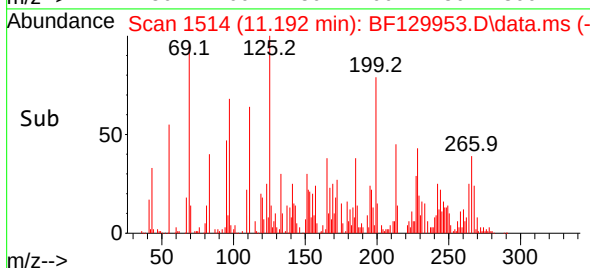
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

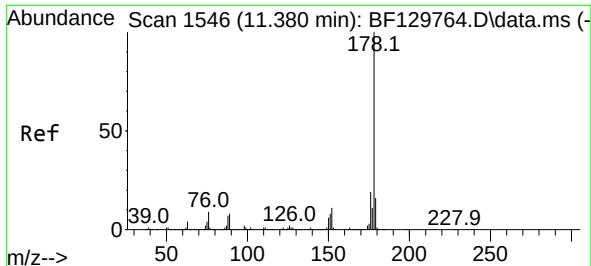


#70
Pentachlorophenol
Concen: 81.333 ng
RT: 11.192 min Scan# 1514
Delta R.T. 0.071 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



Tgt Ion:266 Resp: 52297
Ion Ratio Lower Upper
266 100
268 61.3 49.0 73.4
264 71.5 47.9 71.9





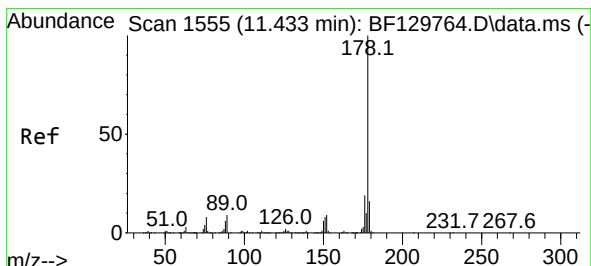
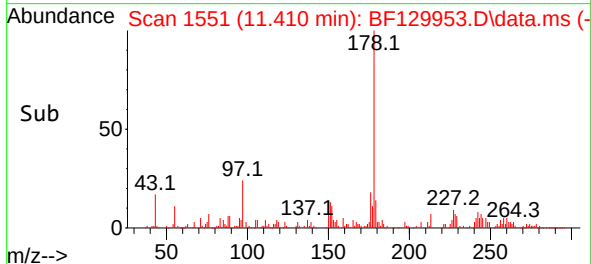
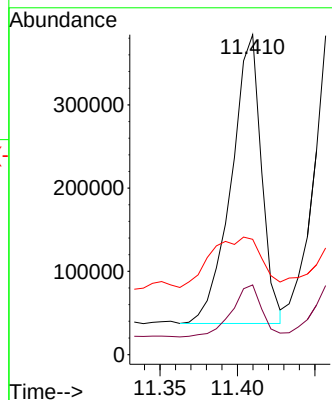
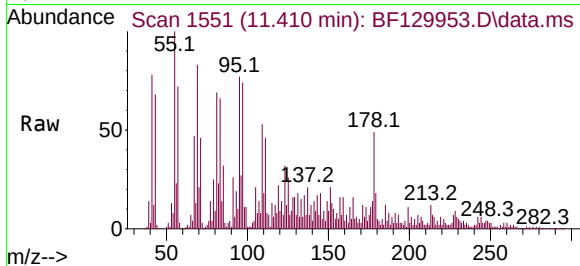
#71
Phenanthrene
Concen: 49.886 ng
RT: 11.410 min Scan# 1551
Delta R.T. 0.082 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD

Tgt Ion:178 Resp: 470524
Ion Ratio Lower Upper
178 100
176 21.8 15.5 23.3
179 36.0 12.5 18.7

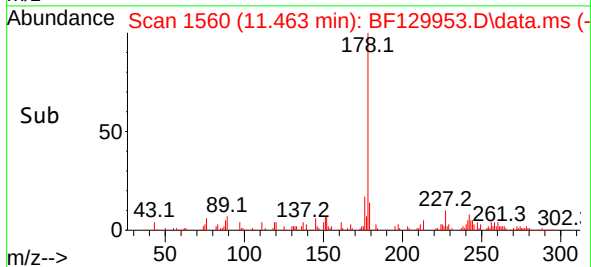
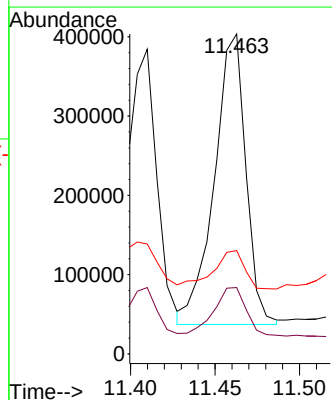
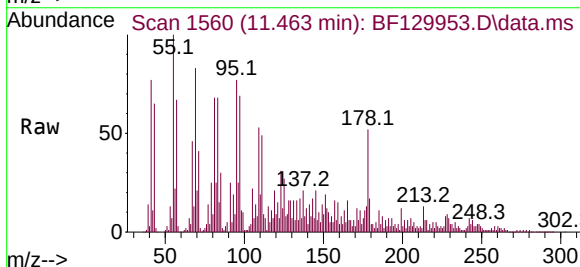
Manual Integrations
APPROVED

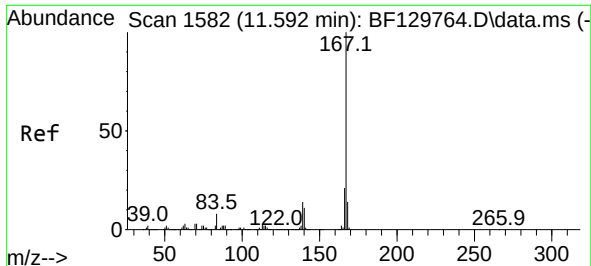
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#72
Anthracene
Concen: 50.769 ng m
RT: 11.463 min Scan# 1560
Delta R.T. 0.082 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

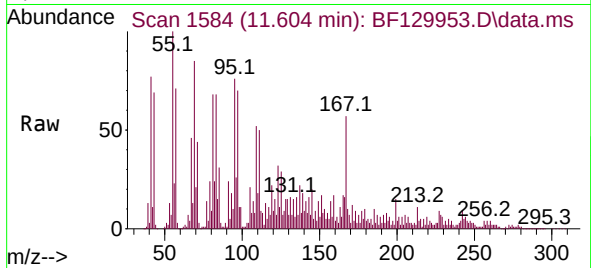
Tgt Ion:178 Resp: 476193
Ion Ratio Lower Upper
178 100
176 20.7 15.1 22.7
179 32.3 12.6 18.8





#73
 Carbazole
 Concen: 50.524 ng
 RT: 11.604 min Scan# 11584
 Delta R.T. 0.059 min
 Lab File: BF129953.D
 Acq: 23 Aug 2022 14:49

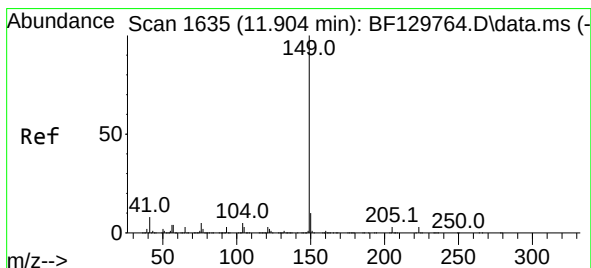
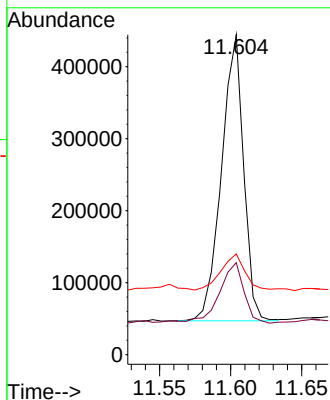
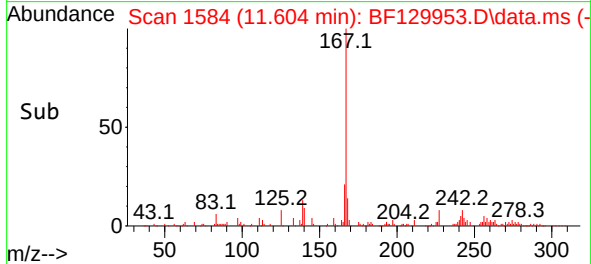
Instrument :
 BNA_F
 ClientSampleId :
 RBR-21153MSD



Tgt Ion:167 Resp: 430188
 Ion Ratio Lower Upper
 167 100
 166 28.7 17.1 25.7
 139 31.5 11.0 16.6

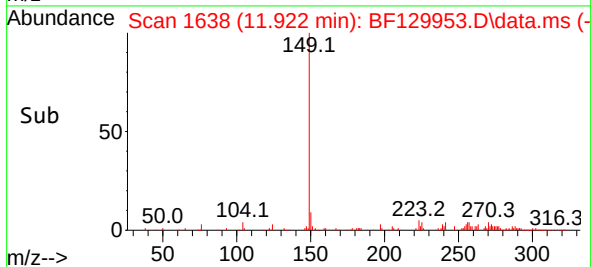
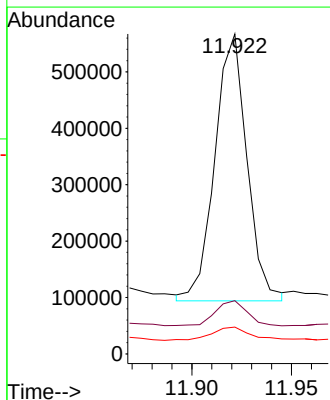
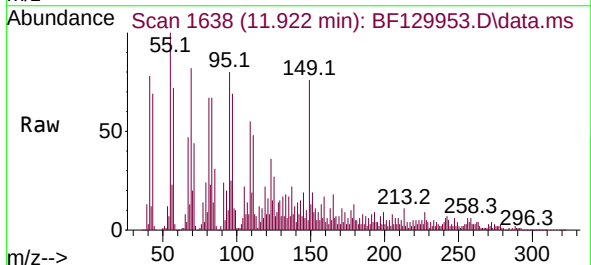
Manual Integrations
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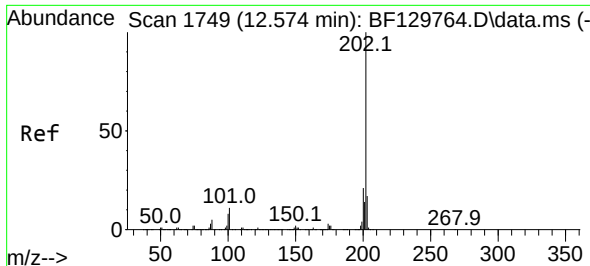
Reviewed By :Christian Giraldo 08/24/2022
 Supervised By :Jagrut Upadhyay 08/24/2022



#74
 Di-n-butylphthalate
 Concen: 48.413 ng m
 RT: 11.922 min Scan# 1638
 Delta R.T. 0.065 min
 Lab File: BF129953.D
 Acq: 23 Aug 2022 14:49

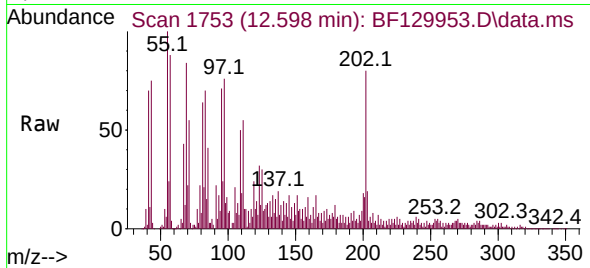
Tgt Ion:149 Resp: 530523
 Ion Ratio Lower Upper
 149 100
 150 16.6 7.8 11.6#
 104 8.4 4.2 6.4#





#75
Fluoranthene
Concen: 61.201 ng
RT: 12.598 min Scan# 1753
Delta R.T. 0.077 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

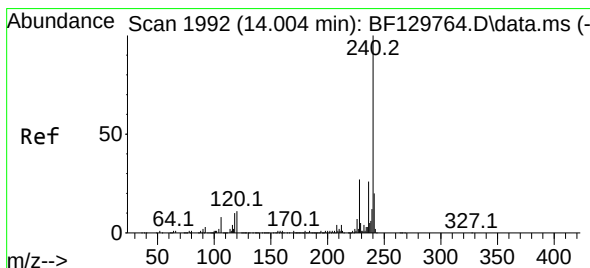
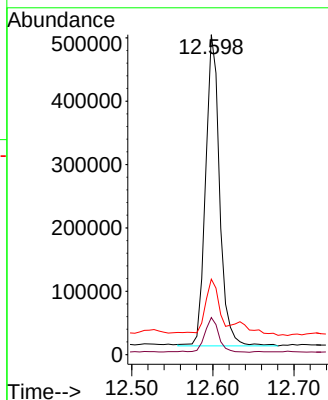
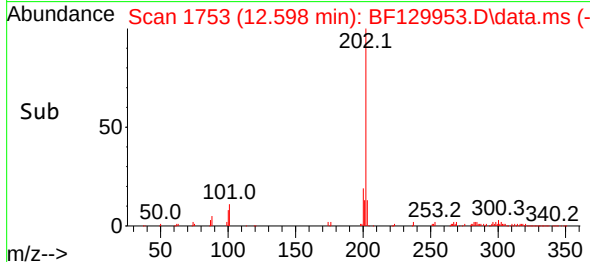
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



Tgt Ion:202 Resp: 590689
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.7
203 23.6 0.0 37.5

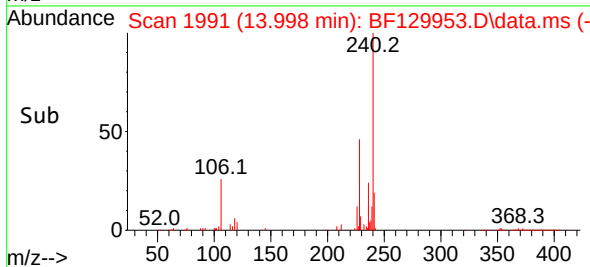
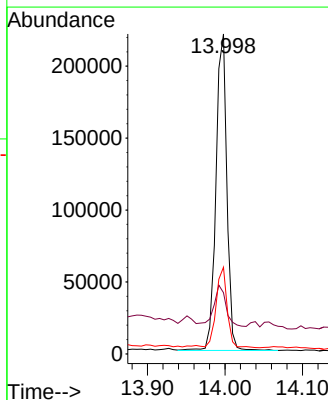
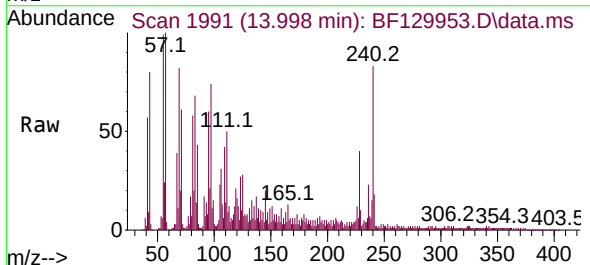
Manual Integrations
APPROVED

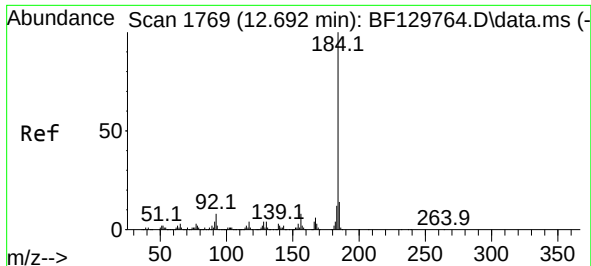
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. 0.047 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

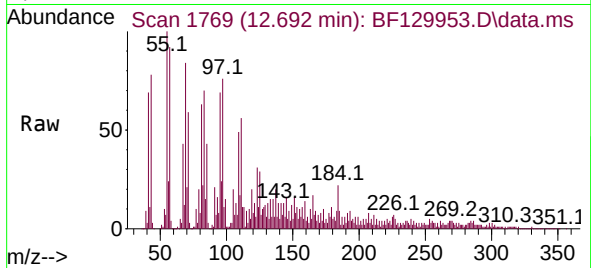
Tgt Ion:240 Resp: 216311
Ion Ratio Lower Upper
240 100
120 19.1 9.2 13.8#
236 27.1 20.7 31.1





#77
Benzidine
Concen: 24.938 ng
RT: 12.692 min Scan# 1769
Delta R.T. 0.047 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

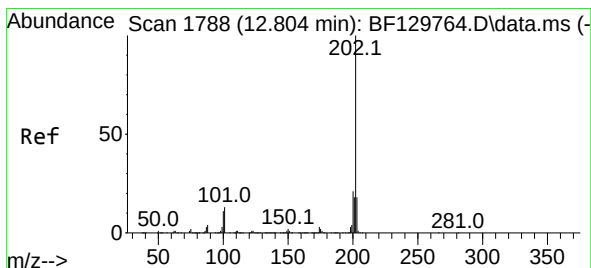
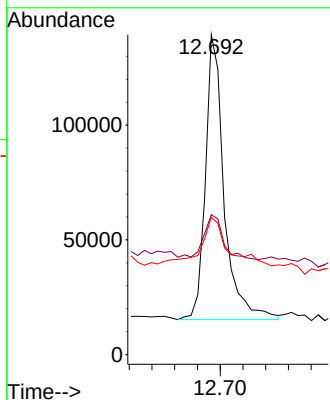
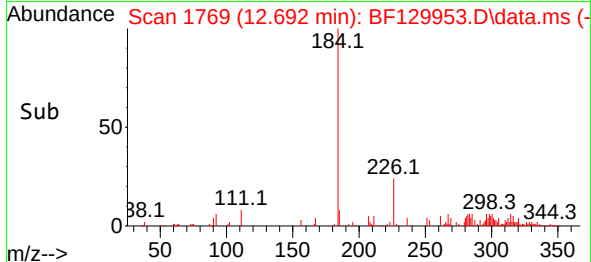
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



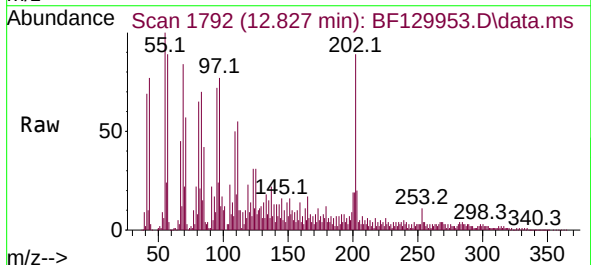
Tgt Ion:184 Resp: 141869
Ion Ratio Lower Upper
184 100
185 43.7 11.4 17.2
183 42.9 9.4 14.2

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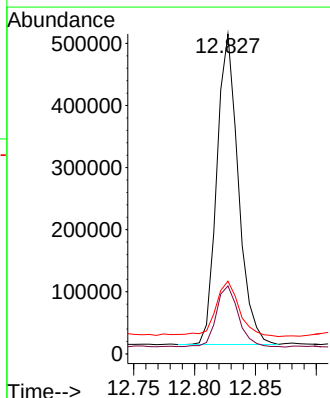
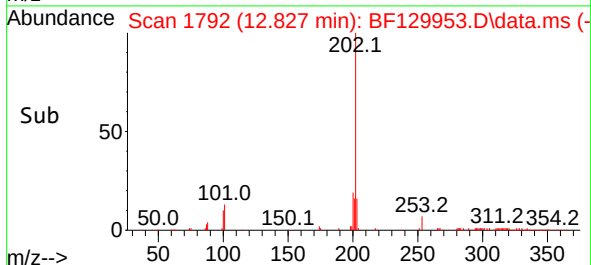
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

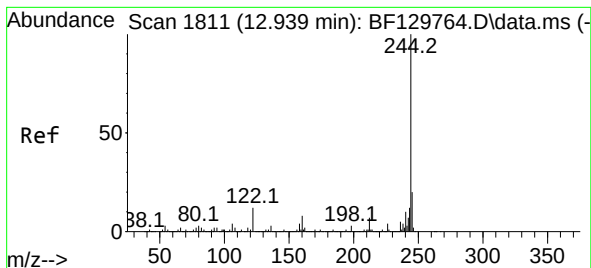


#78
Pyrene
Concen: 32.650 ng
RT: 12.827 min Scan# 1792
Delta R.T. 0.077 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



Tgt Ion:202 Resp: 613735
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 22.7 14.1 21.1





#79

Terphenyl-d14

Concen: 68.890 ng

RT: 12.951 min Scan# 1811

Delta R.T. 0.065 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

Tgt Ion:244 Resp: 895565

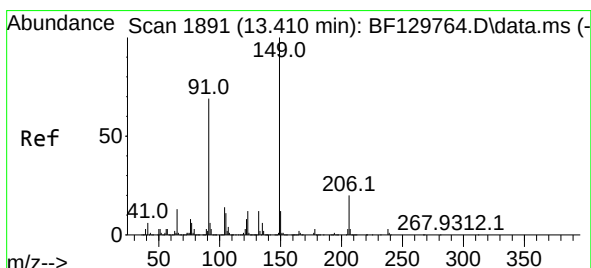
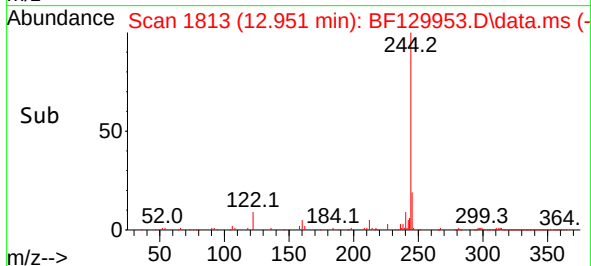
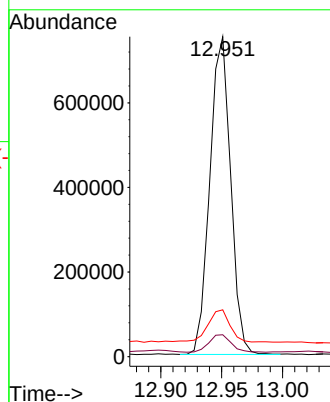
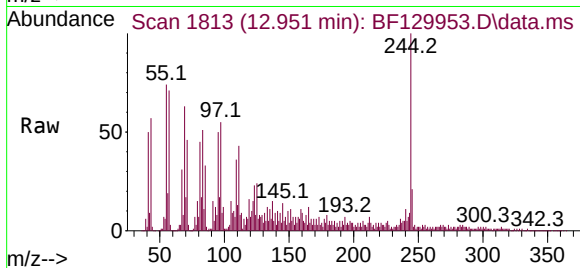
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	14.6	9.9	14.9

Manual Integrations

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Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#80

Butylbenzylphthalate

Concen: 37.589 ng

RT: 13.398 min Scan# 1889

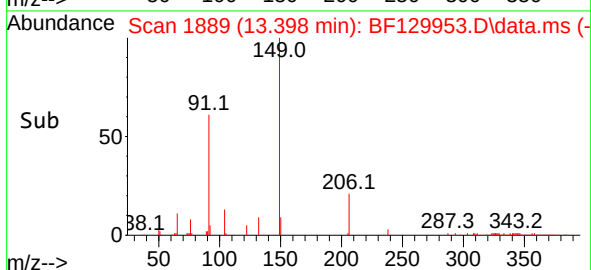
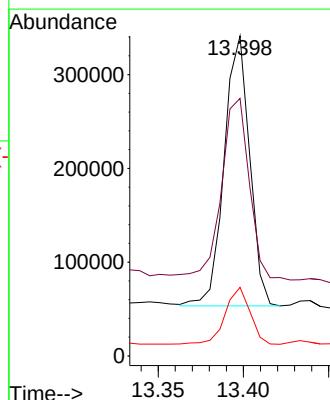
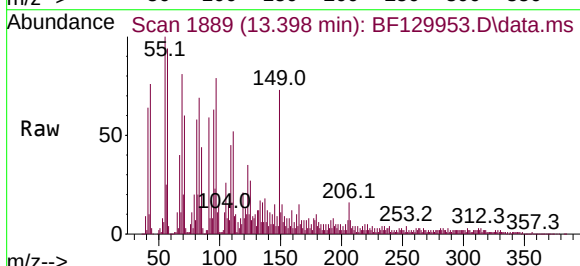
Delta R.T. 0.041 min

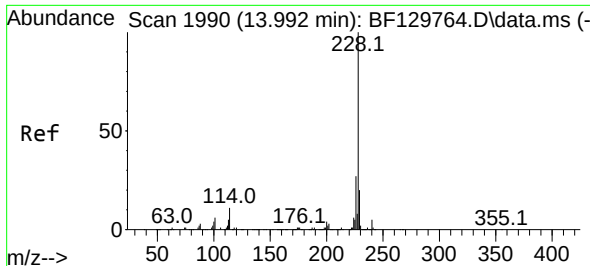
Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Tgt Ion:149 Resp: 298985

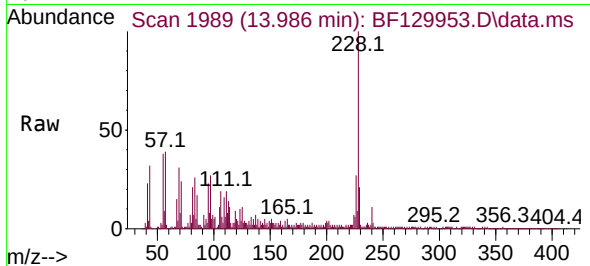
Ion	Ratio	Lower	Upper
149	100		
91	80.5	55.4	83.0
206	21.4	15.8	23.6





#81
Benzo(a)anthracene
Concen: 48.642 ng
RT: 13.986 min Scan# 1989
Delta R.T. 0.047 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

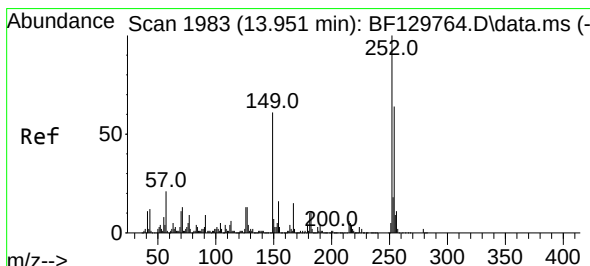
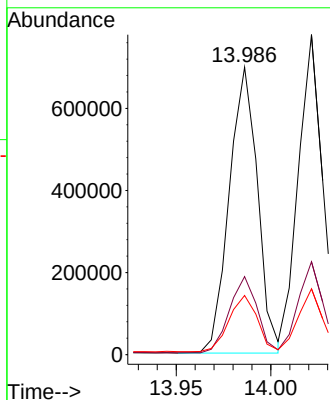
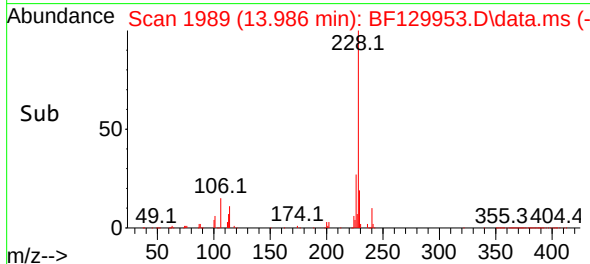
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



Tgt Ion:228 Resp: 723798
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 20.6 16.1 24.1

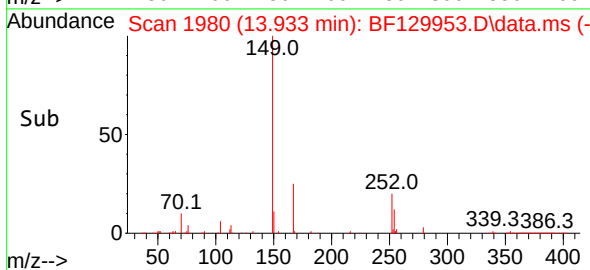
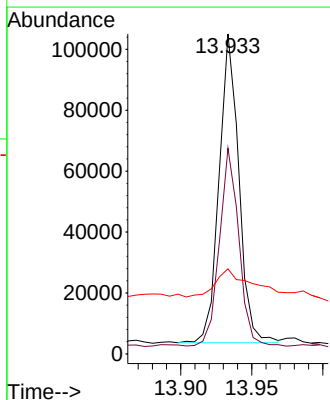
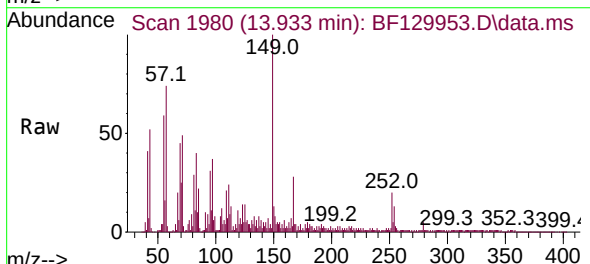
Manual Integrations
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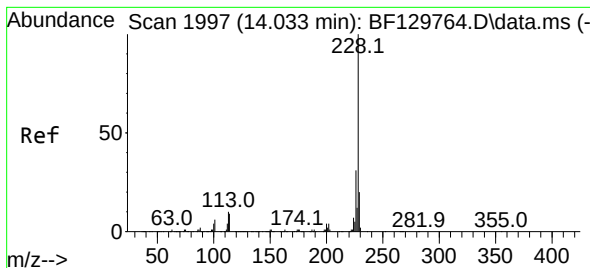
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#82
3,3'-Dichlorobenzidine
Concen: 21.307 ng
RT: 13.933 min Scan# 1980
Delta R.T. 0.035 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

Tgt Ion:252 Resp: 98193
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 26.6 10.2 15.4#





#83

Chrysene

Concen: 49.202 ng

RT: 14.021 min Scan# 1995

Delta R.T. 0.041 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

RBR-21153MSD

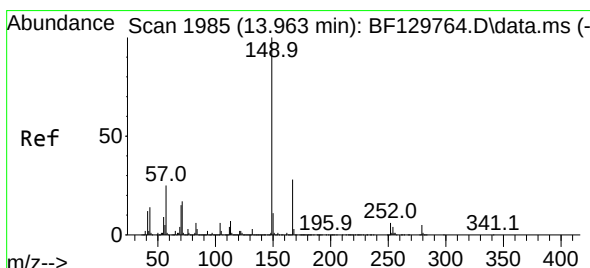
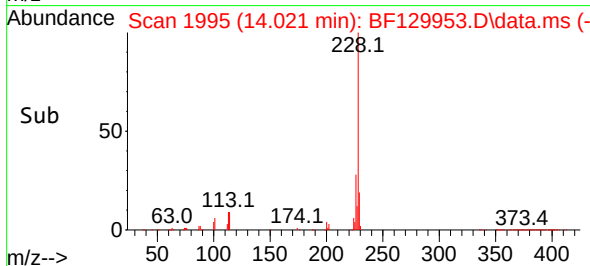
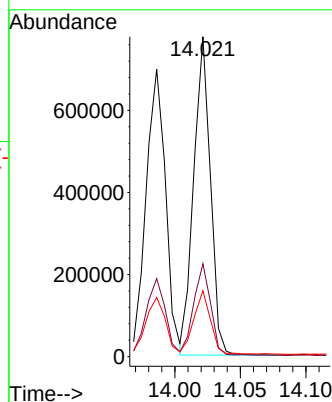
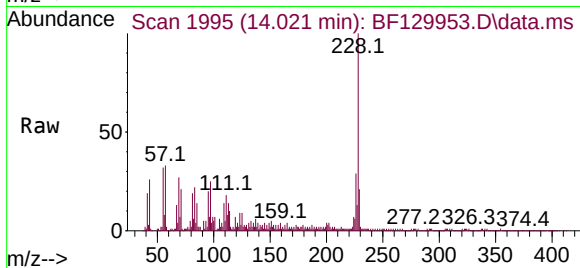
Tgt Ion:228 Resp: 685339

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.4	36.6
229	20.6	15.9	23.9

Manual Integrations

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.773 ng

RT: 13.939 min Scan# 1981

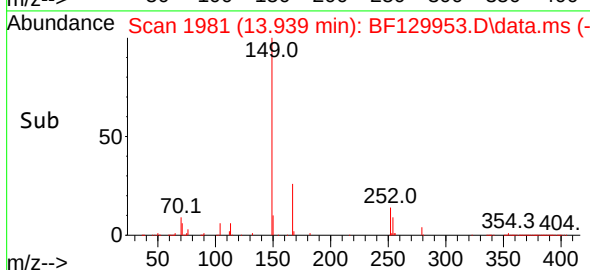
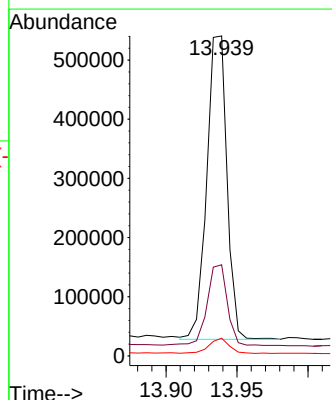
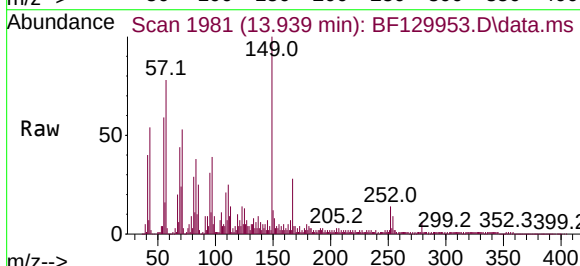
Delta R.T. 0.030 min

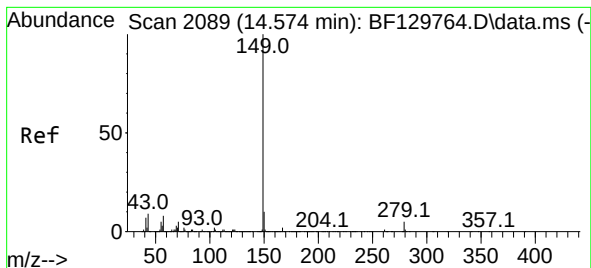
Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Tgt Ion:149 Resp: 507435

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.0	33.0
279	5.5	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 67.205 ng

RT: 14.533 min Scan# 2089

Delta R.T. 0.012 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

Instrument :

BNA_F

ClientSampleId :

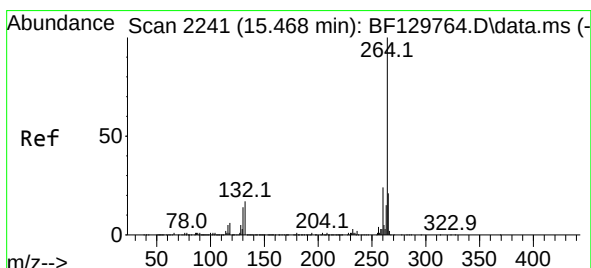
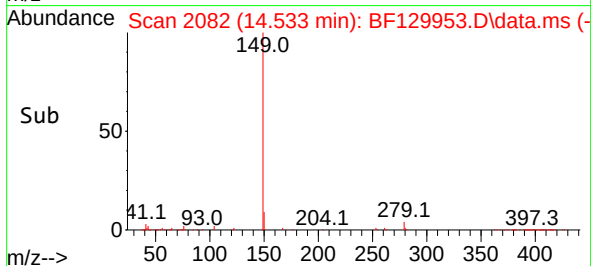
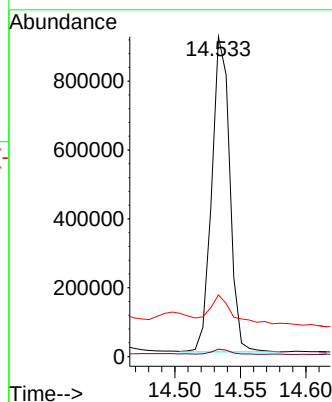
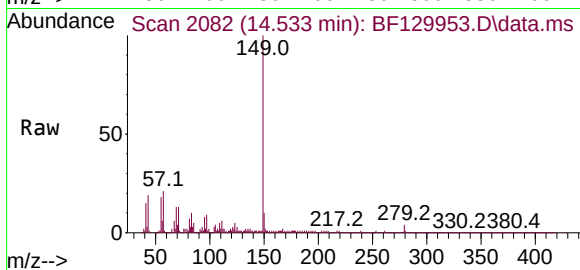
RBR-21153MSD

Tgt Ion:149 Resp: 875465
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 30.5 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

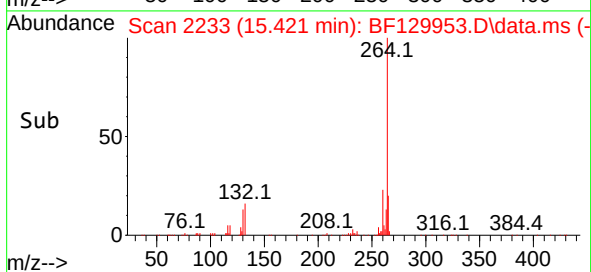
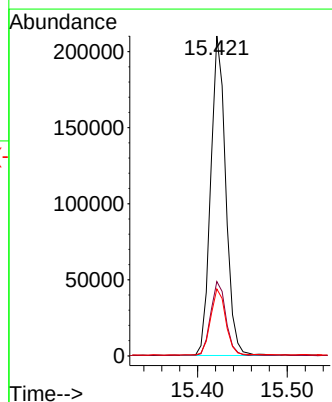
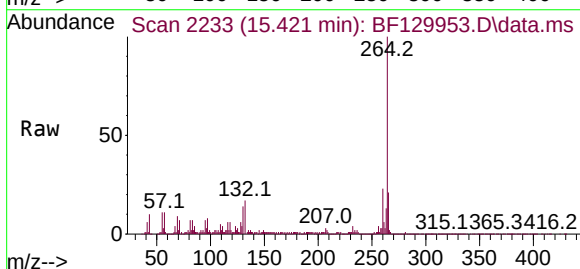
RT: 15.421 min Scan# 2233

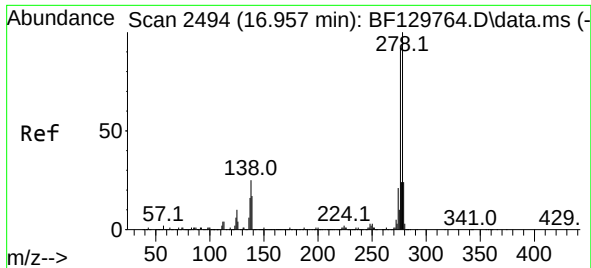
Delta R.T. 0.024 min

Lab File: BF129953.D

Acq: 23 Aug 2022 14:49

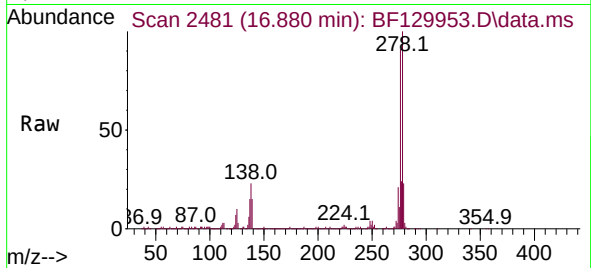
Tgt Ion:264 Resp: 245118
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 20.9 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 56.005 ng
RT: 16.880 min Scan# 2494
Delta R.T. 0.024 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

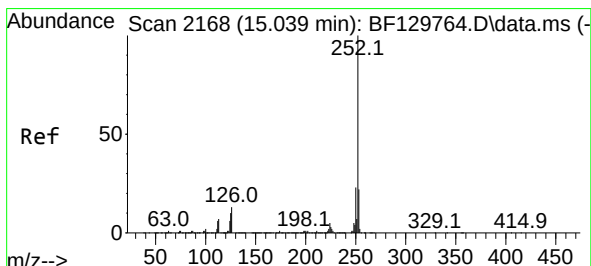
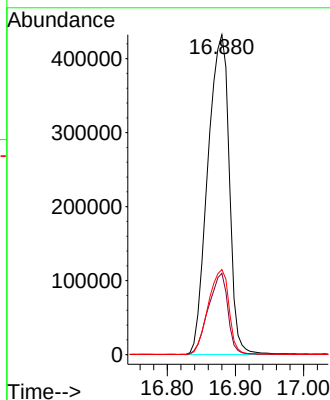
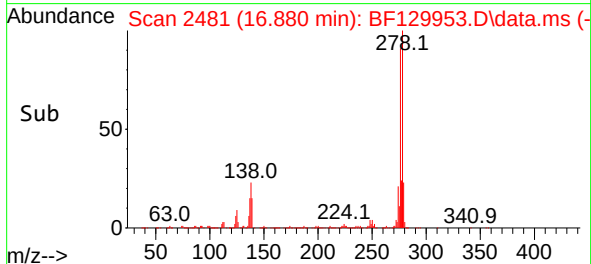
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



Tgt Ion: 276 Resp: 942438
Ion Ratio Lower Upper
276 100
138 23.1 19.8 29.8
277 25.7 20.4 30.6

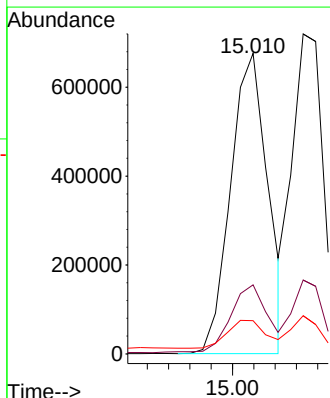
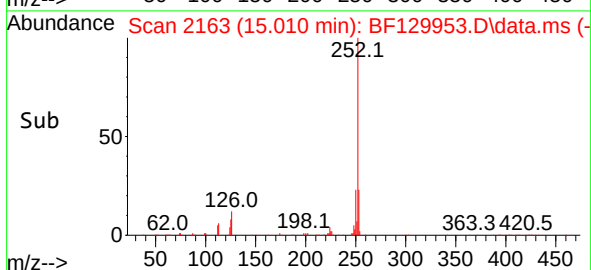
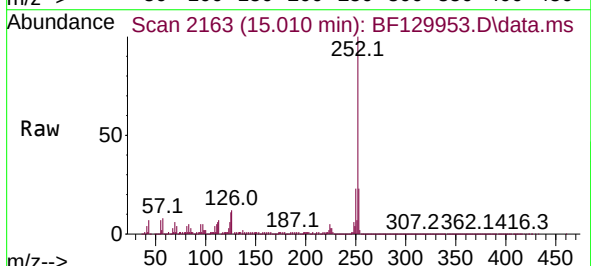
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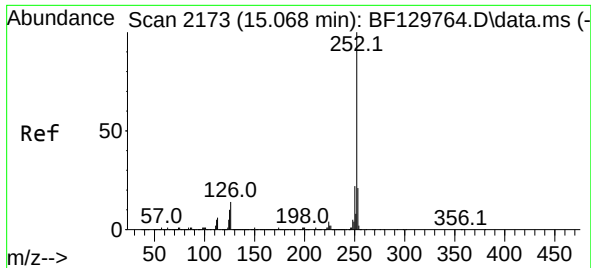
Reviewed By : Christian Giraldo 08/24/2022
Supervised By : Jagrut Upadhyay 08/24/2022



#88
Benzo(b)fluoranthene
Concen: 48.959 ng
RT: 15.010 min Scan# 2163
Delta R.T. 0.030 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

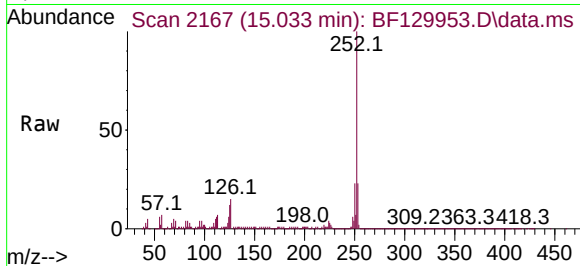
Tgt Ion: 252 Resp: 821754
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 11.1 8.3 12.5





#89
Benzo(k)fluoranthene
Concen: 46.274 ng
RT: 15.033 min Scan# 2173
Delta R.T. 0.024 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

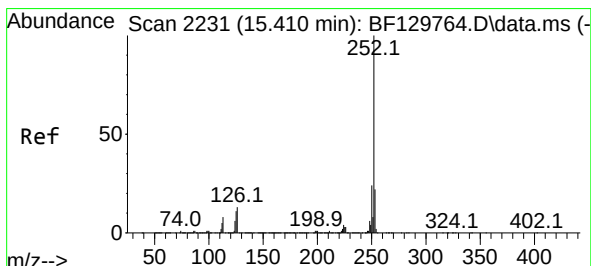
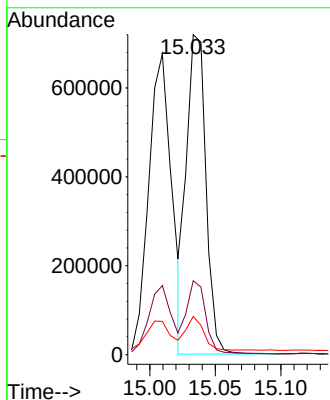
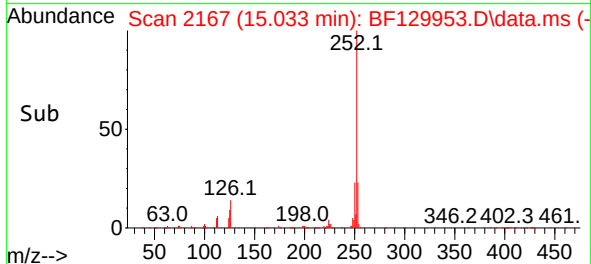
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



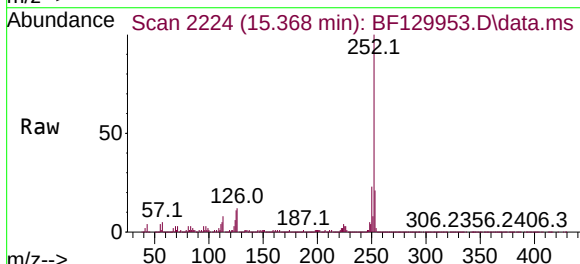
Tgt Ion:252 Resp: 744853
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 11.9 8.3 12.5

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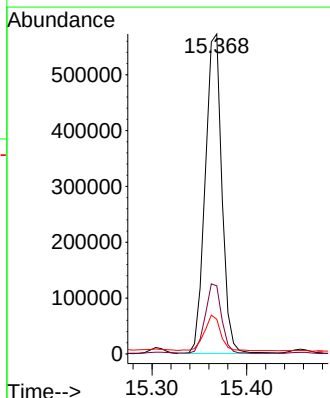
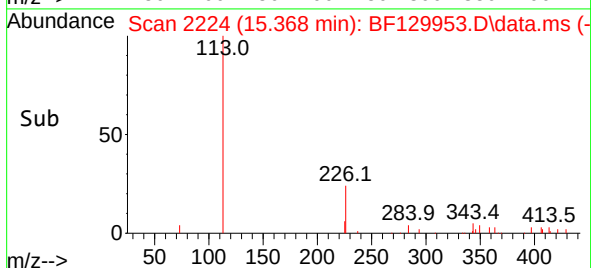
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

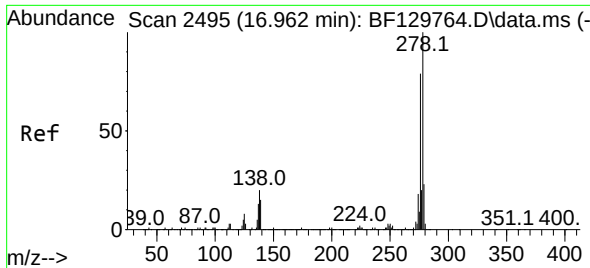


#90
Benzo(a)pyrene
Concen: 53.034 ng
RT: 15.368 min Scan# 2224
Delta R.T. 0.030 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



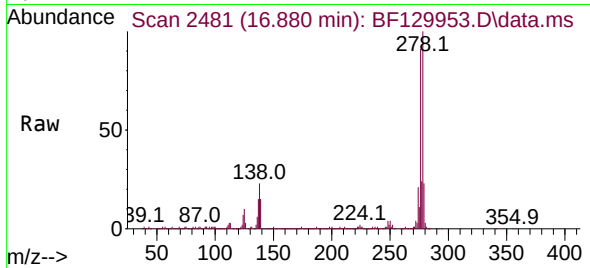
Tgt Ion:252 Resp: 700985
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 59.024 ng
RT: 16.880 min Scan# 2495
Delta R.T. 0.024 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49

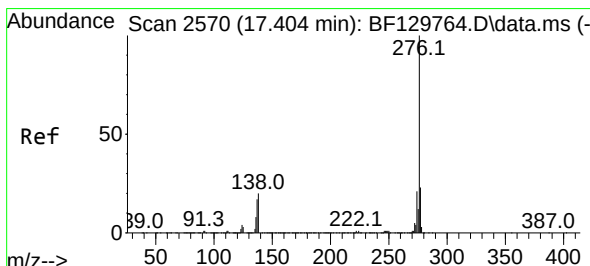
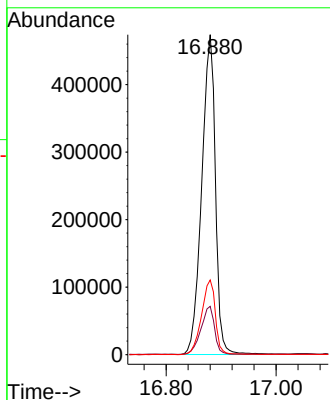
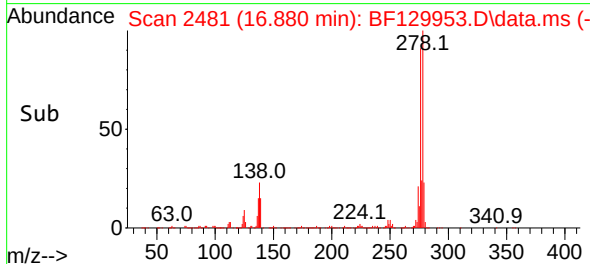
Instrument :
BNA_F
ClientSampleId :
RBR-21153MSD



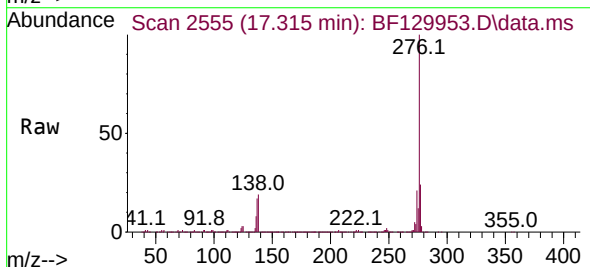
Tgt Ion: 278 Resp: 81952
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 23.3 18.7 28.1

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



#92
Benzo(g,h,i)perylene
Concen: 59.828 ng
RT: 17.315 min Scan# 2555
Delta R.T. 0.024 min
Lab File: BF129953.D
Acq: 23 Aug 2022 14:49



Tgt Ion: 276 Resp: 828750
Ion Ratio Lower Upper
276 100
277 23.7 18.2 27.4
138 19.1 15.8 23.8

