

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129468.D
 Acq On : 01 Aug 2022 12:14
 Operator : CG\JU
 Sample : PB146583BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146583BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/02/2022
 Supervised By : Jagrut Upadhyay 08/02/2022

Quant Time: Aug 02 01:14:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	194025	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	783336	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	421877	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	713196	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	497290	20.000	ng	0.00
86) Perylene-d12	15.527	264	366598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1065295	89.440	ng	0.01
7) Phenol-d6	6.522	99	1308278	87.387	ng	0.00
23) Nitrobenzene-d5	7.445	82	1244029	86.693	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	363501	89.620	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2197347	80.573	ng	0.00
79) Terphenyl-d14	12.992	244	2375740	90.129	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.751	88	188980	35.166	ng	89
3) Pyridine	3.522	79	487469	32.664	ng	91
4) n-Nitrosodimethylamine	3.475	42	289140	44.121	ng	# 94
6) Aniline	6.545	93	648076	34.821	ng	99
8) 2-Chlorophenol	6.669	128	608194	46.739	ng	96
9) Benzaldehyde	6.428	77	261397	25.711	ng	97
10) Phenol	6.534	94	719365m	45.122	ng	
11) bis(2-Chloroethyl)ether	6.610	93	583596	46.158	ng	93
12) 1,3-Dichlorobenzene	6.816	146	620959	44.494	ng	99
13) 1,4-Dichlorobenzene	6.892	146	634363	44.694	ng	99
14) 1,2-Dichlorobenzene	7.045	146	604473	46.333	ng	99
15) Benzyl Alcohol	7.022	79	519970	47.889	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	789983	41.566	ng	49
17) 2-Methylphenol	7.139	107	475740	44.070	ng	# 93
18) Hexachloroethane	7.386	117	241887	45.260	ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	412858	45.553	ng	92
20) 3+4-Methylphenols	7.292	107	584401	42.577	ng	91
22) Acetophenone	7.286	105	801148	43.928	ng	96
24) Nitrobenzene	7.463	77	638231	43.191	ng	96
25) Isophorone	7.698	82	1166807	45.362	ng	100
26) 2-Nitrophenol	7.775	139	327542	44.931	ng	97
27) 2,4-Dimethylphenol	7.816	122	558434m	51.069	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	714061	47.855	ng	99
29) 2,4-Dichlorophenol	8.022	162	493159	43.695	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	515844	44.156	ng	96
31) Naphthalene	8.180	128	1703028	42.792	ng	100
32) Benzoic acid	7.951	122	241767	30.583	ng	99
33) 4-Chloroaniline	8.233	127	423171	25.899	ng	96
34) Hexachlorobutadiene	8.292	225	301593	45.417	ng	98
35) Caprolactam	8.616	113	164772m	44.905	ng	
36) 4-Chloro-3-methylphenol	8.727	107	550106	45.955	ng	93
37) 2-Methylnaphthalene	8.875	142	1118553	43.249	ng	98
38) 1-Methylnaphthalene	8.975	142	1078416	43.194	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	481392	43.456	ng	98
41) Hexachlorocyclopentadiene	9.022	237	528259	107.092	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	340216	42.285	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

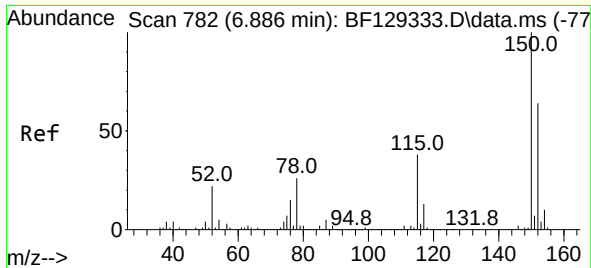
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	358127	40.931	ng	95
46) 1,1'-Biphenyl	9.339	154	1344060	43.655	ng	99
47) 2-Chloronaphthalene	9.363	162	1056352	42.442	ng	99
48) 2-Nitroaniline	9.463	65	353424	42.703	ng	96
49) Acenaphthylene	9.780	152	1685159	44.558	ng	99
50) Dimethylphthalate	9.639	163	1269431	43.588	ng	99
51) 2,6-Dinitrotoluene	9.704	165	288447	44.251	ng	94
52) Acenaphthene	9.951	154	1140208m	46.159	ng	
53) 3-Nitroaniline	9.880	138	220174	28.605	ng	# 87
54) 2,4-Dinitrophenol	9.986	184	269243	80.911	ng	96
55) Dibenzofuran	10.127	168	1452891	42.667	ng	99
56) 4-Nitrophenol	10.057	139	421642	74.251	ng	96
57) 2,4-Dinitrotoluene	10.110	165	374124	43.935	ng	97
58) Fluorene	10.469	166	1154707	42.382	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	280767	41.524	ng	94
60) Diethylphthalate	10.339	149	1217910	43.260	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	530766	44.188	ng	92
62) 4-Nitroaniline	10.498	138	304439	39.870	ng	98
63) Azobenzene	10.616	77	1192375	41.524	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	188108	41.788	ng	94
66) n-Nitrosodiphenylamine	10.580	169	1021841	43.023	ng	96
67) 4-Bromophenyl-phenylether	10.945	248	345626	44.256	ng	91
68) Hexachlorobenzene	11.016	284	380955	45.019	ng	100
69) Atrazine	11.110	200	340342	47.176	ng	97
70) Pentachlorophenol	11.216	266	341852	74.312	ng	98
71) Phenanthrene	11.433	178	1629506	41.856	ng	100
72) Anthracene	11.486	178	1661620	43.432	ng	99
73) Carbazole	11.645	167	1567494	43.524	ng	98
74) Di-n-butylphthalate	11.957	149	1873605	43.685	ng	99
75) Fluoranthene	12.621	202	1706761	43.268	ng	99
77) Benzidine	12.745	184	672963	38.306	ng	99
78) Pyrene	12.851	202	1742137	41.894	ng	99
80) Butylbenzylphthalate	13.463	149	780822	43.289	ng	92
81) Benzo(a)anthracene	14.039	228	1471165	43.308	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	301366	26.870	ng	# 96
83) Chrysene	14.080	228	1341742	41.910	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	1077694	45.383	ng	99
85) Di-n-octyl phthalate	14.627	149	1635998	47.875	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	996422	40.362	ng	99
88) Benzo(b)fluoranthene	15.098	252	1185516	48.751	ng	99
89) Benzo(k)fluoranthene	15.127	252	1123839	47.160	ng	99
90) Benzo(a)pyrene	15.468	252	1037244	52.544	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	859182	42.760	ng	99
92) Benzo(g,h,i)perylene	17.492	276	893279	43.507	ng	100

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

Manual Integrations APPROVED

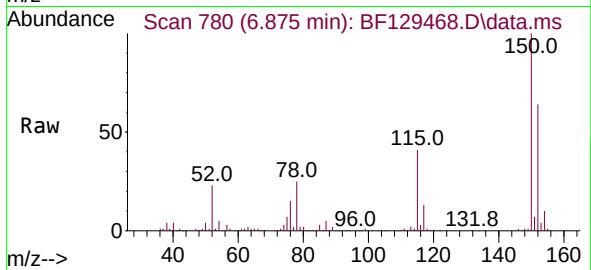
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 78
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

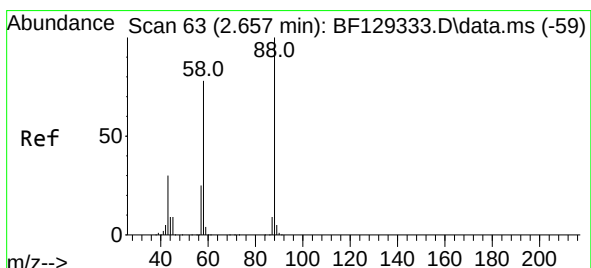
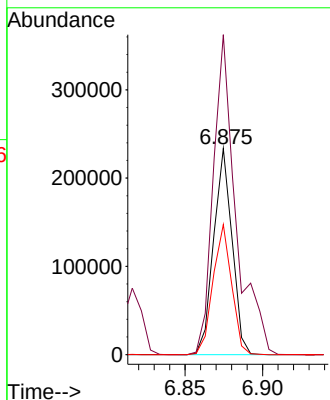
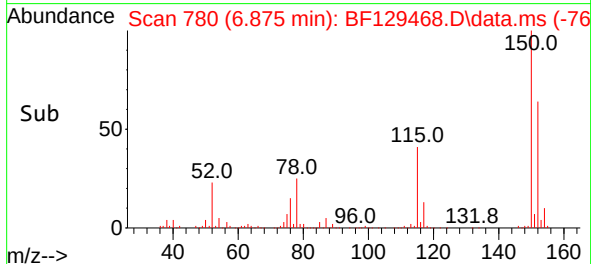
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



Tgt Ion:152 Resp: 194025
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 63.1 49.9 74.9

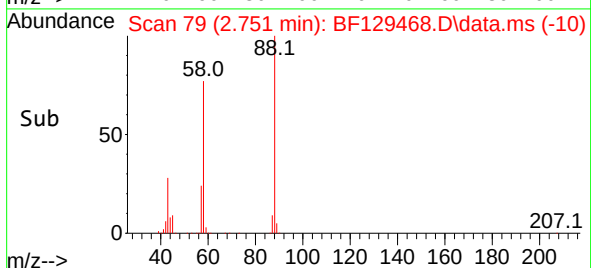
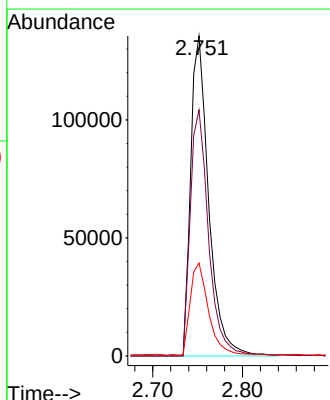
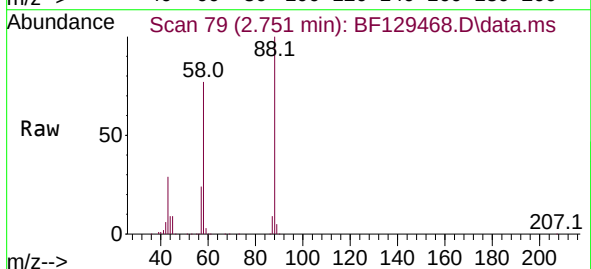
Manual Integrations
APPROVED

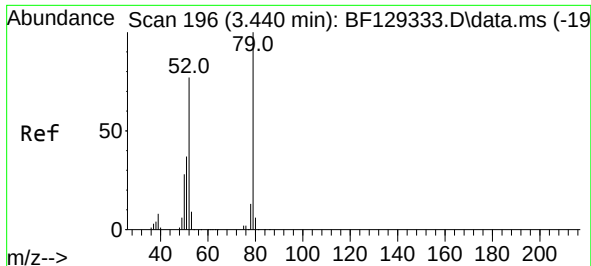
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#2
1,4-Dioxane
Concen: 35.166 ng
RT: 2.751 min Scan# 79
Delta R.T. 0.106 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

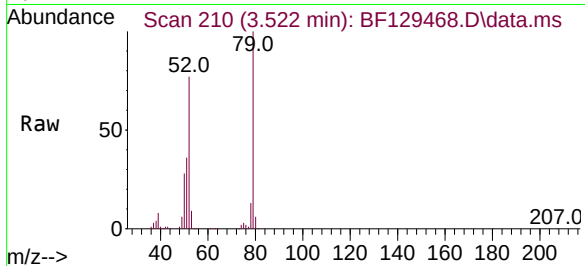
Tgt Ion: 88 Resp: 188980
Ion Ratio Lower Upper
88 100
58 77.9 71.8 107.8
43 29.3 26.6 39.8





#3
Pyridine
Concen: 32.664 ng
RT: 3.522 min Scan# 210
Delta R.T. 0.088 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

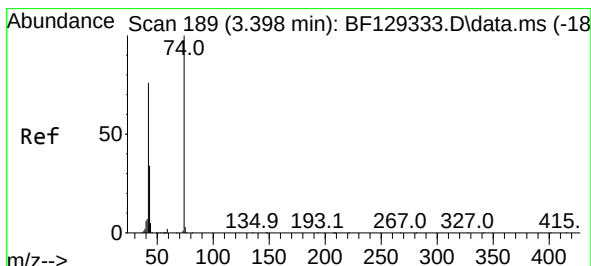
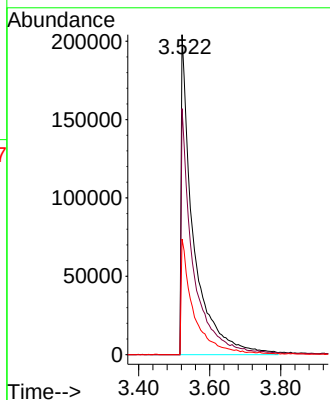
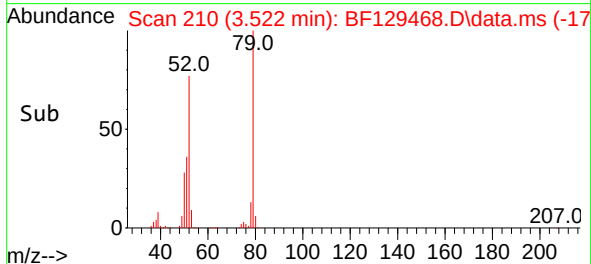
Instrument :
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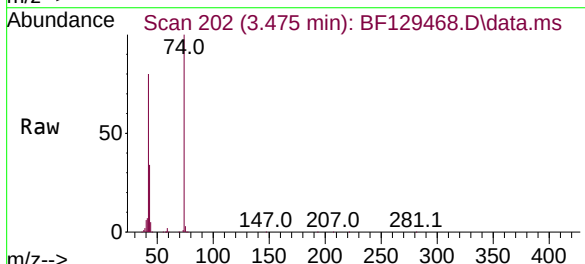
Tgt Ion: 79 Resp: 487469
Ion Ratio Lower Upper
79 100
52 76.9 68.6 102.8
51 36.2 32.9 49.3

Manual Integrations
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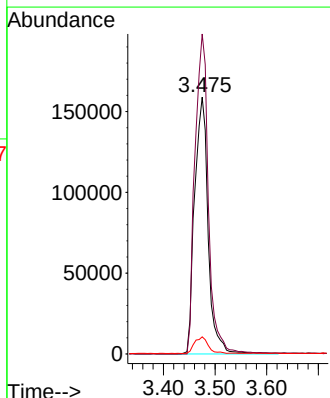
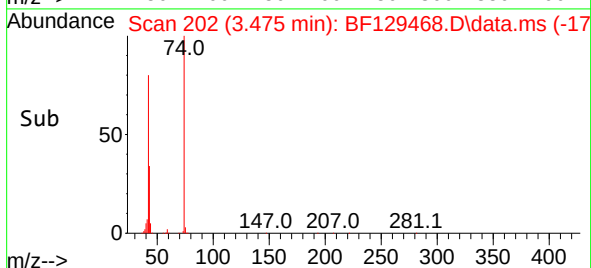
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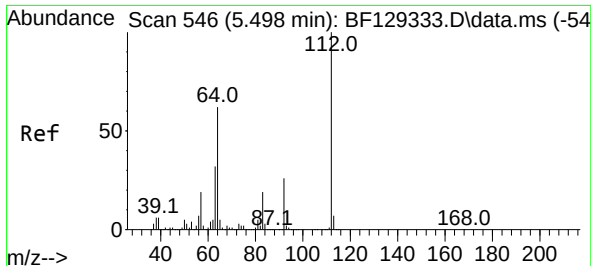


#4
n-Nitrosodimethylamine
Concen: 44.121 ng
RT: 3.475 min Scan# 202
Delta R.T. 0.088 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



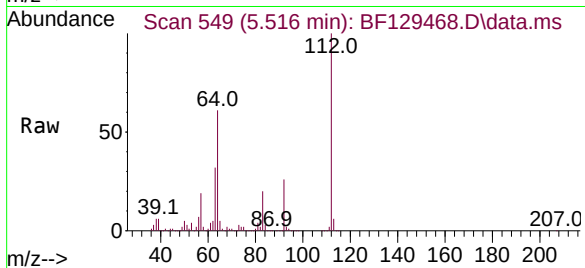
Tgt Ion: 42 Resp: 289140
Ion Ratio Lower Upper
42 100
74 124.6 94.8 142.2
44 6.6 6.6 10.0#





#5
2-Fluorophenol
Concen: 89.440 ng
RT: 5.516 min Scan# 546
Delta R.T. 0.012 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

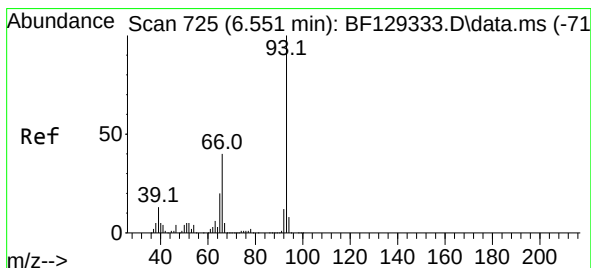
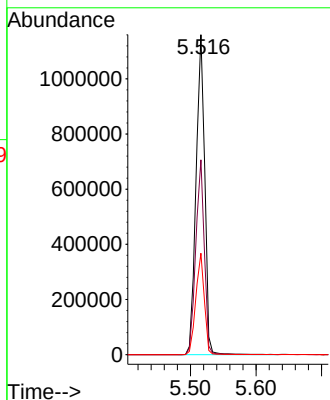
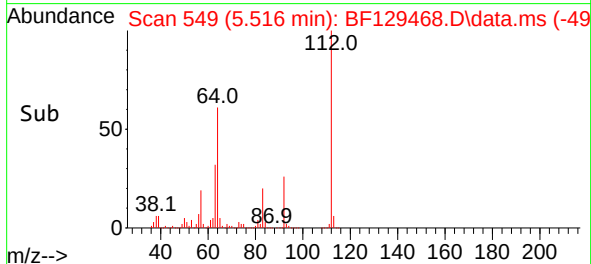
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Tgt Ion: 112 Resp: 1065295
Ion Ratio Lower Upper
112 100
64 60.9 53.3 79.9
63 31.7 28.0 42.0

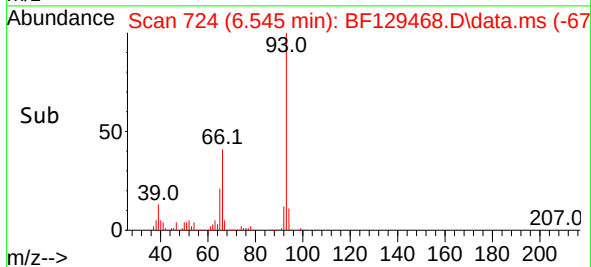
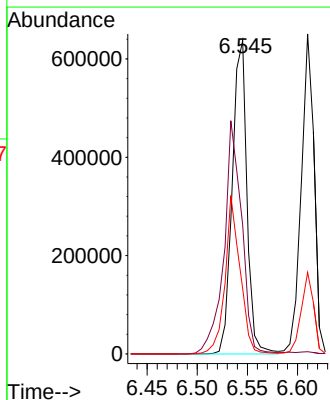
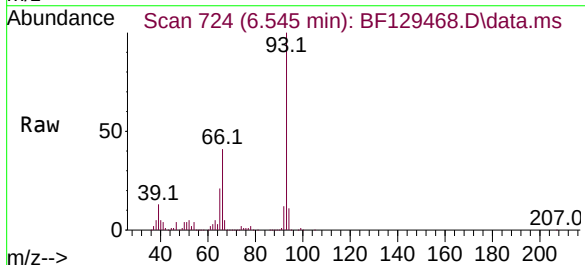
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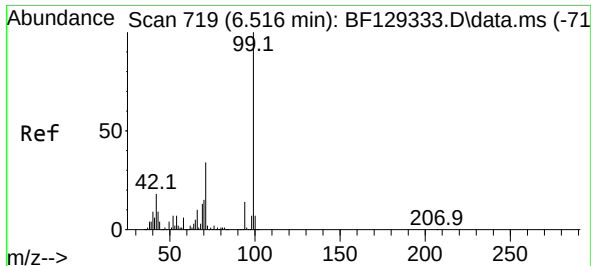
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#6
Aniline
Concen: 34.821 ng
RT: 6.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

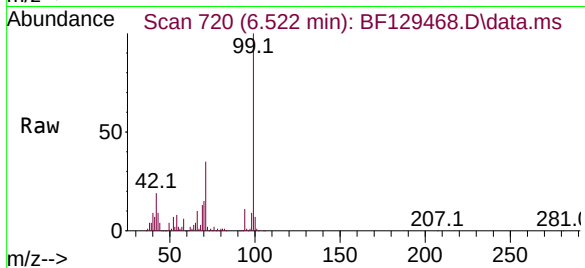
Tgt Ion: 93 Resp: 648076
Ion Ratio Lower Upper
93 100
66 41.2 32.5 48.7
65 20.8 16.4 24.6





#7
Phenol-d6
Concen: 87.387 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

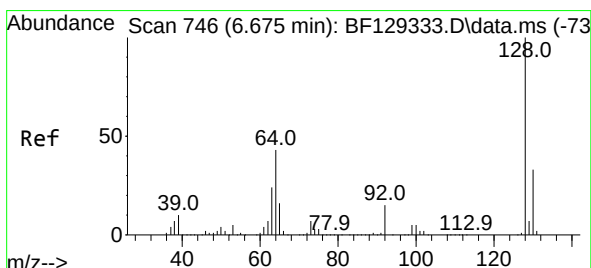
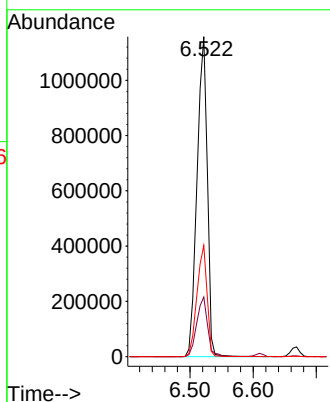
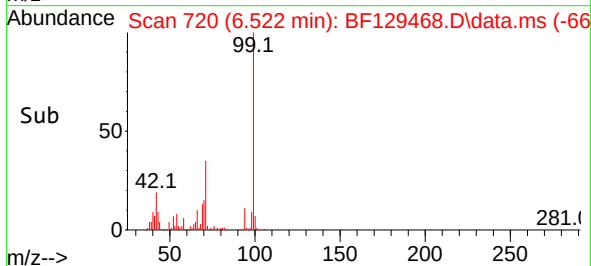
Instrument :
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Tgt Ion: 99 Resp: 1308278
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 34.8 28.9 43.3

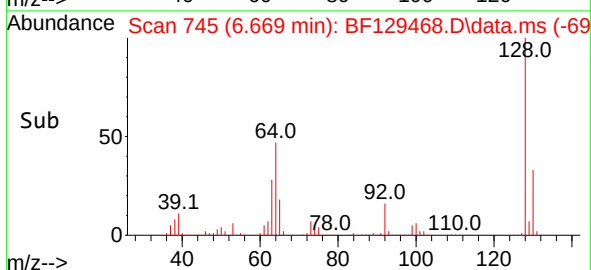
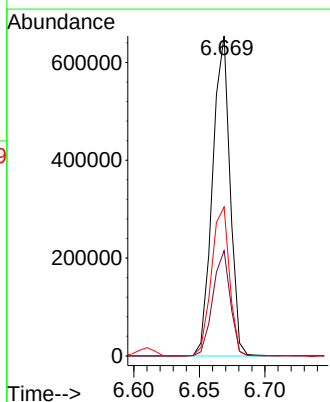
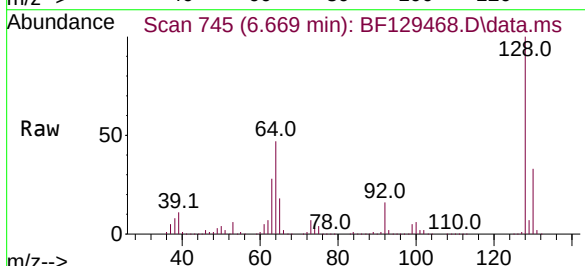
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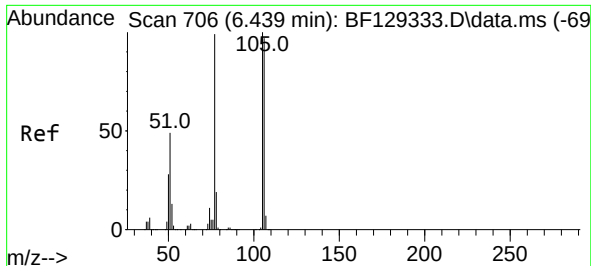
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#8
2-Chlorophenol
Concen: 46.739 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

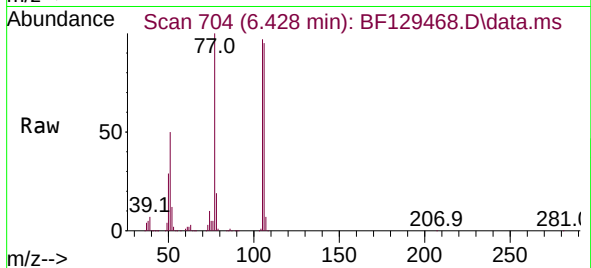
Tgt Ion:128 Resp: 608194
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 46.5 30.9 70.9





#9
Benzaldehyde
Concen: 25.711 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.006 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

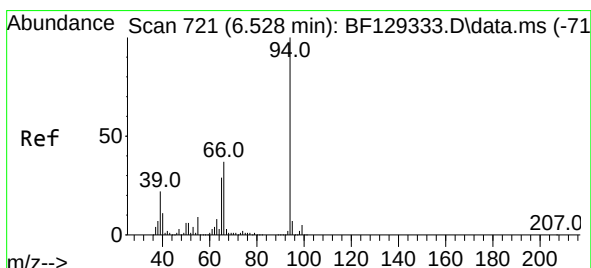
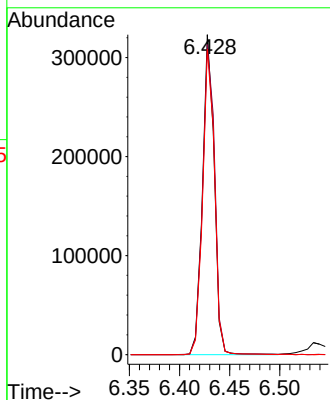
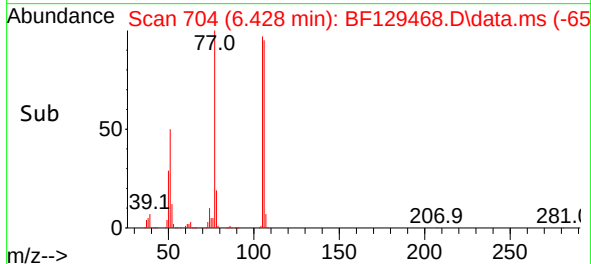
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 261397
Ion Ratio Lower Upper
77 100
105 96.9 81.6 121.6
106 95.5 76.1 116.1

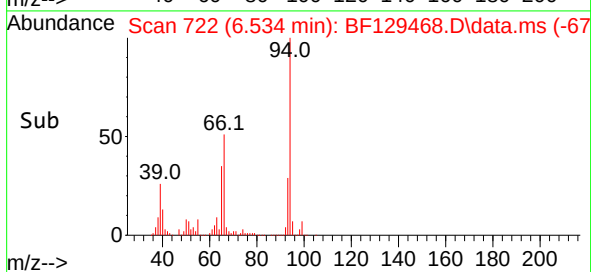
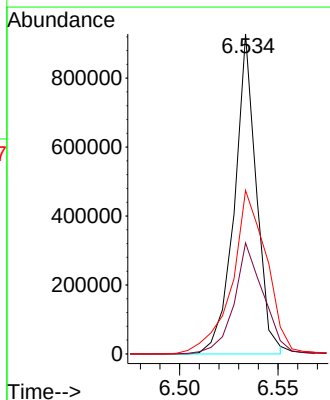
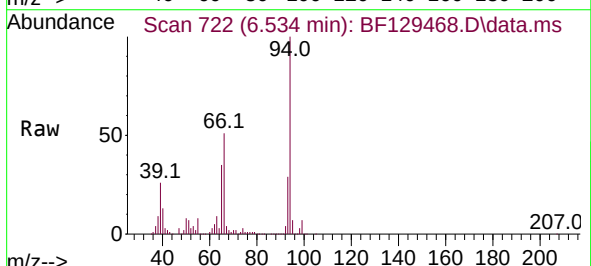
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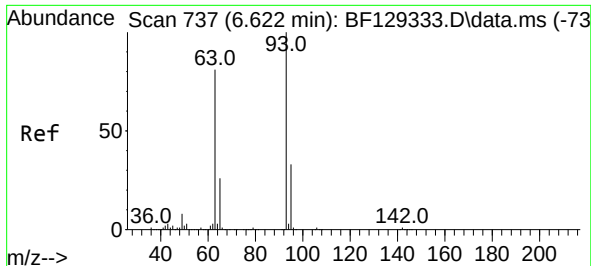
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#10
Phenol
Concen: 45.122 ng m
RT: 6.534 min Scan# 722
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Tgt Ion: 94 Resp: 719365
Ion Ratio Lower Upper
94 100
65 34.7 11.4 51.4
66 51.1 21.4 61.4





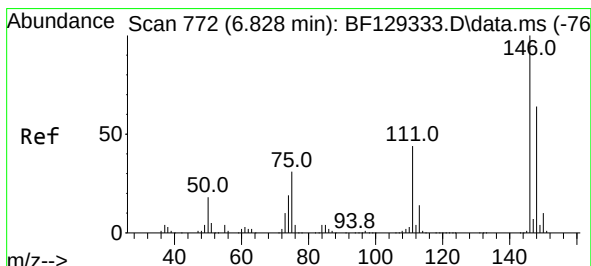
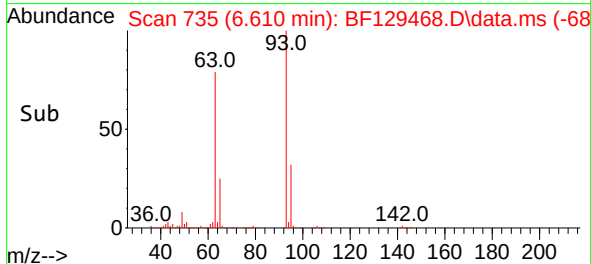
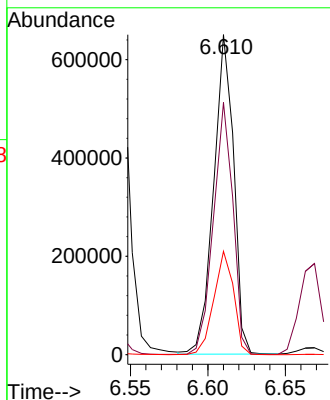
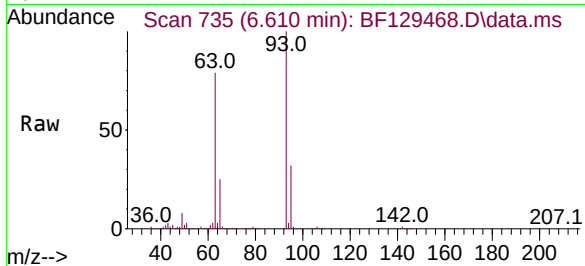
#11
bis(2-Chloroethyl)ether
Concen: 46.158 ng
RT: 6.610 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Instrument :
BNA_F
ClientSampleId :
PB146583BSD

Tgt Ion: 93 Resp: 583596
Ion Ratio Lower Upper
93 100
63 78.8 67.4 107.4
95 32.3 12.7 52.7

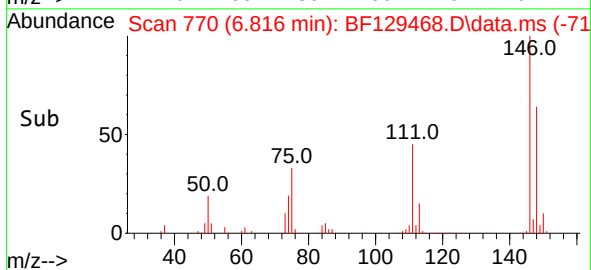
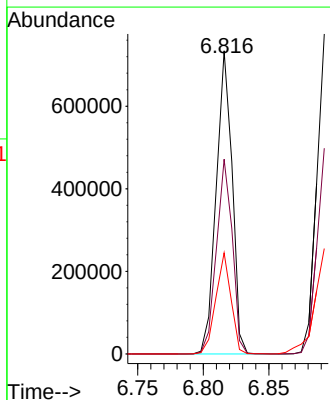
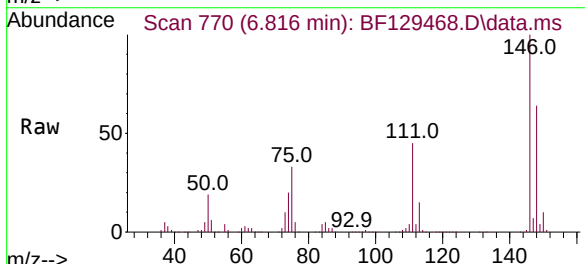
Manual Integrations
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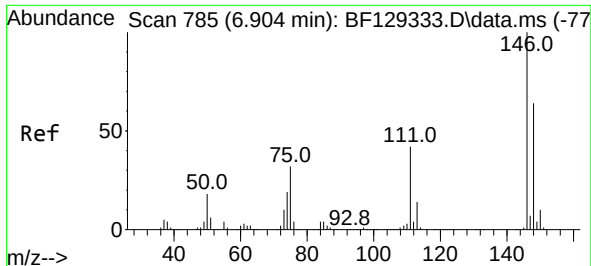
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#12
1,3-Dichlorobenzene
Concen: 44.494 ng
RT: 6.816 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Tgt Ion:146 Resp: 620959
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
75 33.3 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 44.694 ng

RT: 6.892 min Scan# 785

Delta R.T. -0.000 min

Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

Instrument :

BNA_F

ClientSampleId :

PB146583BSD

Tgt Ion:146 Resp: 634363

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

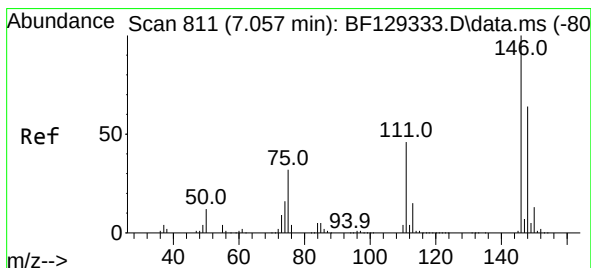
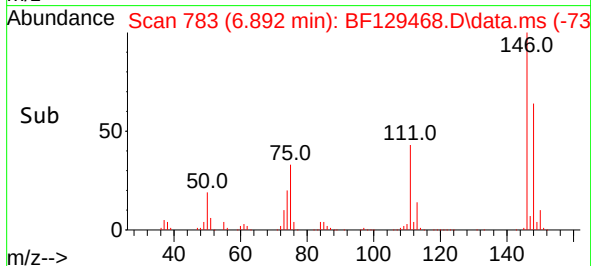
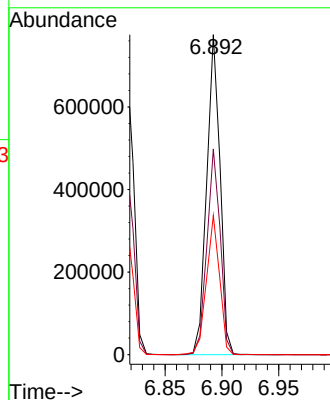
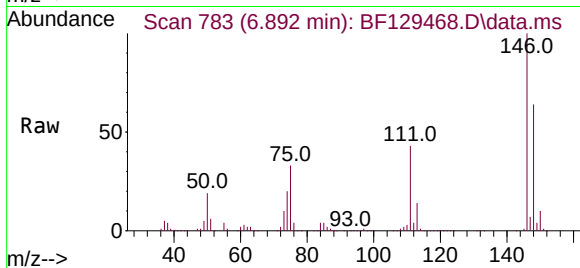
111 43.5 34.2 51.4

Manual Integrations

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Reviewed By :Christian Giraldo 08/02/2022

Supervised By :Jagrut Upadhyay 08/02/2022



#14

1,2-Dichlorobenzene

Concen: 46.333 ng

RT: 7.045 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

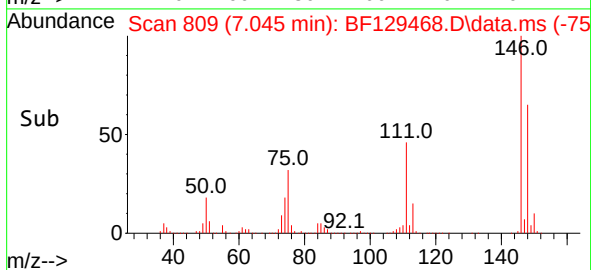
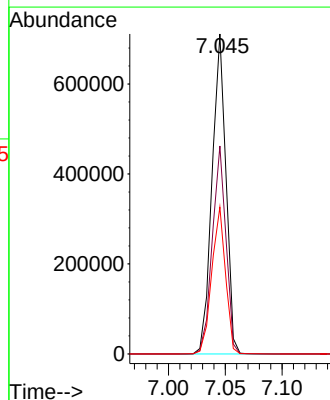
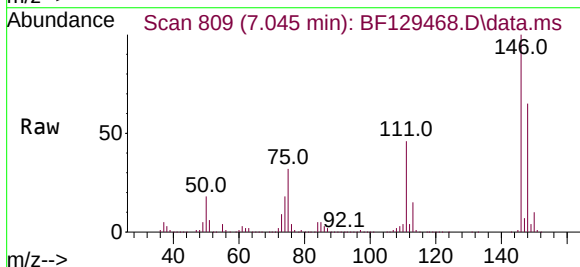
Tgt Ion:146 Resp: 604473

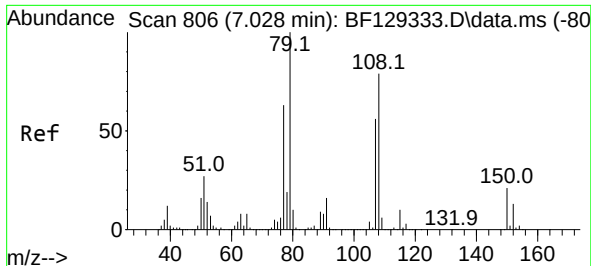
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

111 45.9 35.1 52.7





#15

Benzyl Alcohol

Concen: 47.889 ng

RT: 7.022 min Scan# 806

Delta R.T. -0.000 min

Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

Instrument :

BNA_F

ClientSampleId :

PB146583BSD

Tgt Ion: 79 Resp: 519970

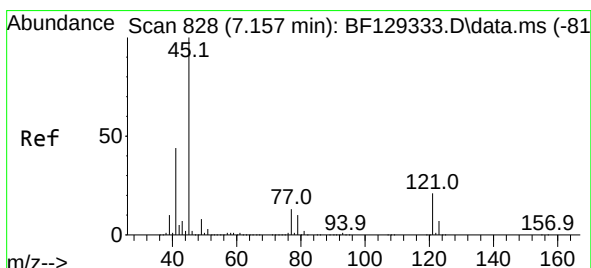
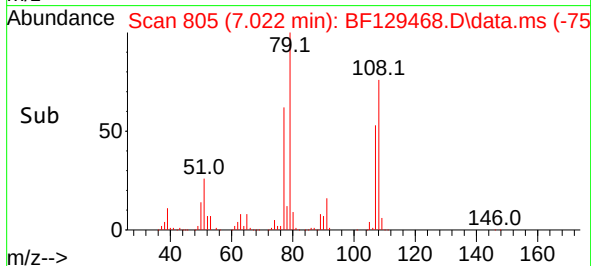
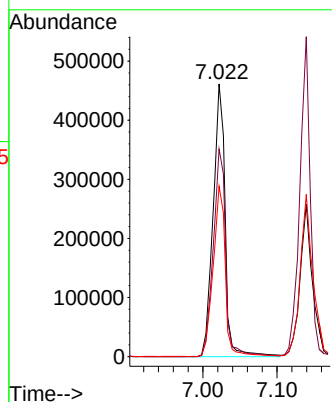
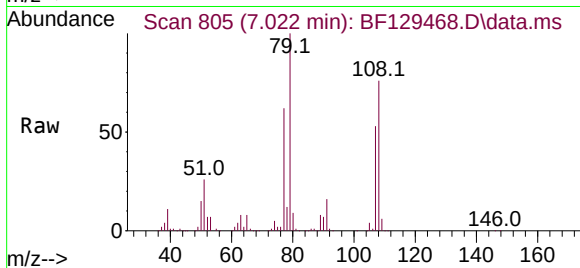
Ion	Ratio	Lower	Upper
79	100		
108	76.1	61.8	92.6
77	62.4	50.2	75.4

Manual Integrations

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Reviewed By :Christian Giraldo 08/02/2022

Supervised By :Jagrut Upadhyay 08/02/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.566 ng

RT: 7.145 min Scan# 826

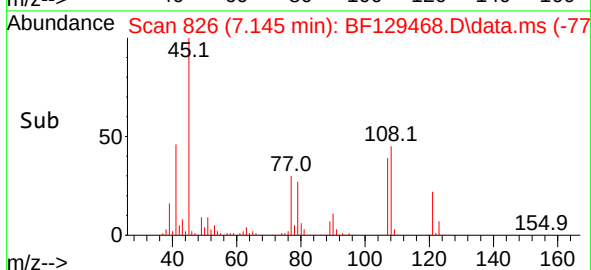
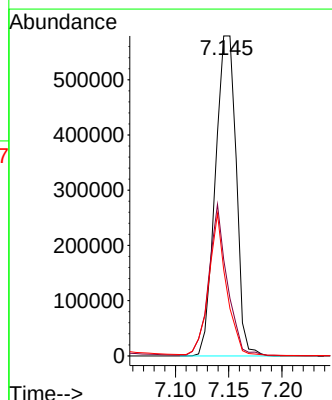
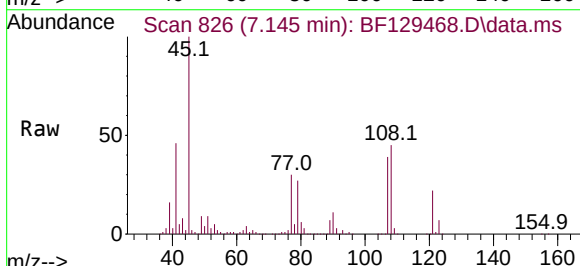
Delta R.T. -0.006 min

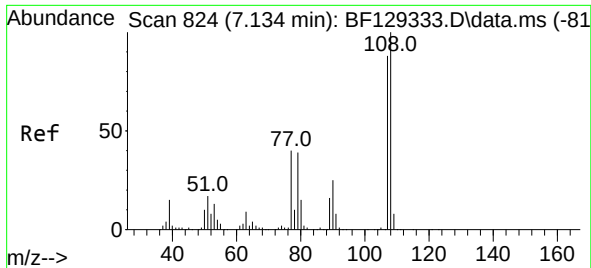
Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

Tgt Ion: 45 Resp: 789983

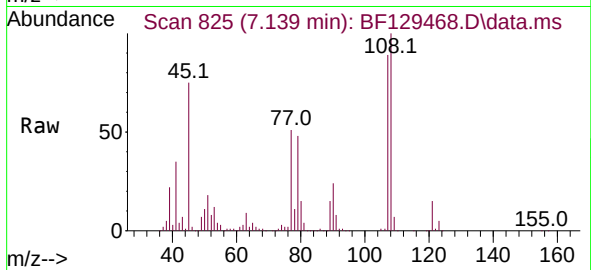
Ion	Ratio	Lower	Upper
45	100		
77	30.1	0.0	31.3
79	26.9	0.0	28.3





#17
2-Methylphenol
Concen: 44.070 ng
RT: 7.139 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Instrument :
BNA_F
ClientSampleId :
PB146583BSD

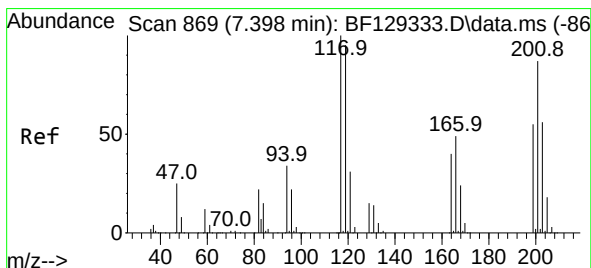
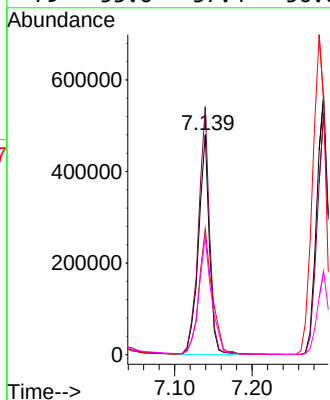
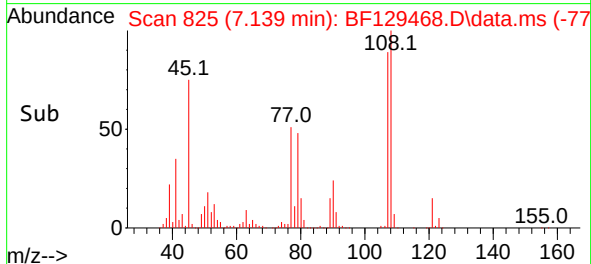


Tgt Ion:107 Resp: 475740

Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.9	137.9
77	57.1	37.8	56.8
79	53.6	37.4	56.0

Manual Integrations
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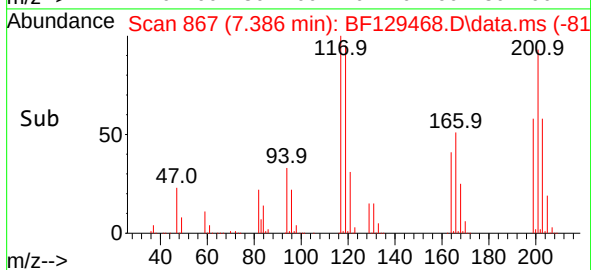
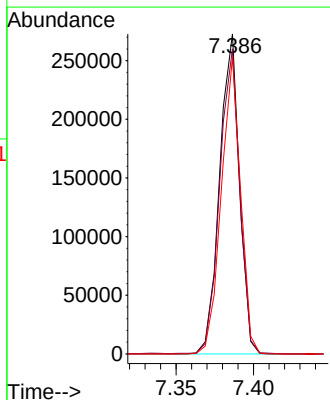
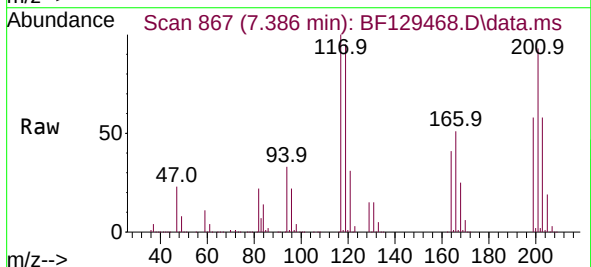
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

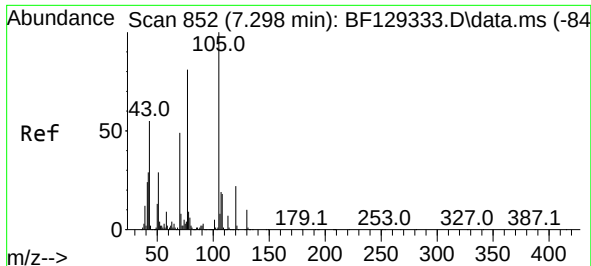


#18
Hexachloroethane
Concen: 45.260 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Tgt Ion:117 Resp: 241887

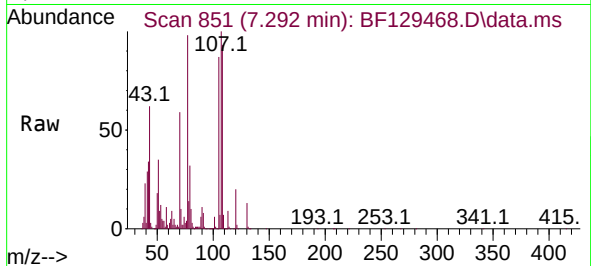
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.4	116.2
201	92.8	84.6	127.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.553 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

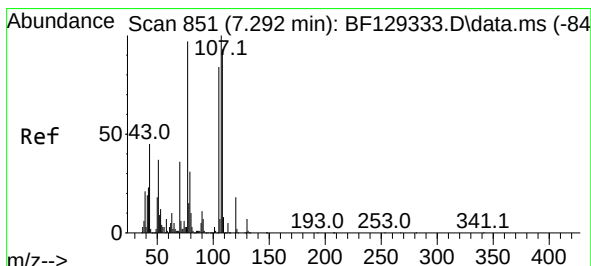
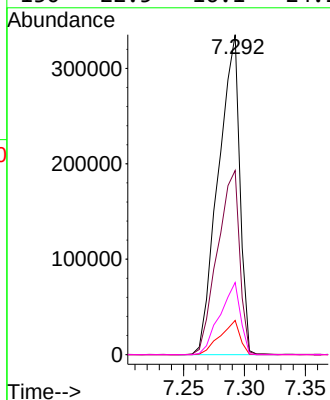
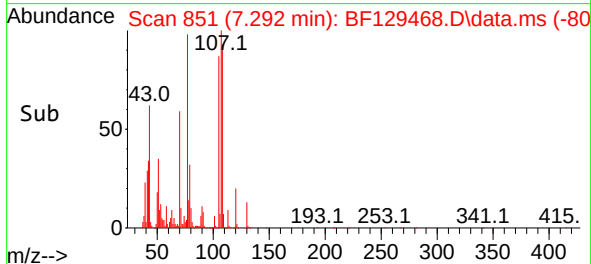
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



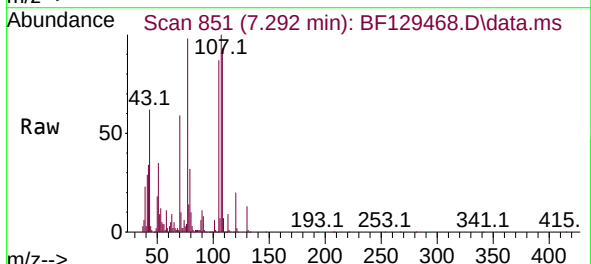
Tgt Ion: 70 Resp: 412858
Ion Ratio Lower Upper
70 100
42 57.5 52.3 78.5
101 10.7 7.5 11.3
130 22.5 16.1 24.1

Manual Integrations
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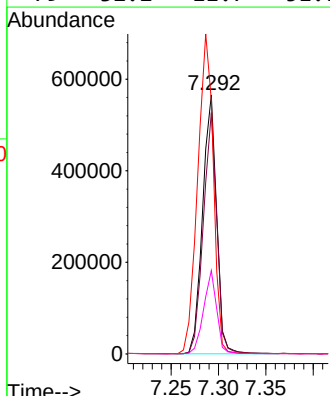
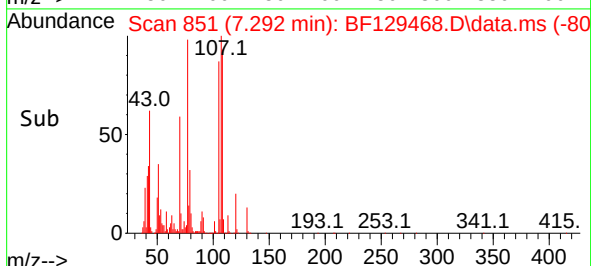
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

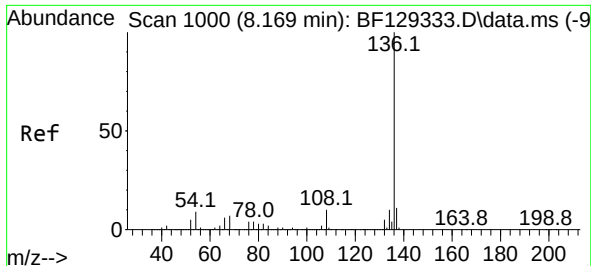


#20
3+4-Methylphenols
Concen: 42.577 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



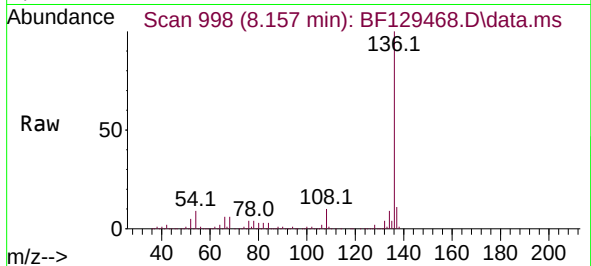
Tgt Ion:107 Resp: 584401
Ion Ratio Lower Upper
107 100
108 93.2 71.8 111.8
77 98.0 59.3 99.3
79 32.2 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

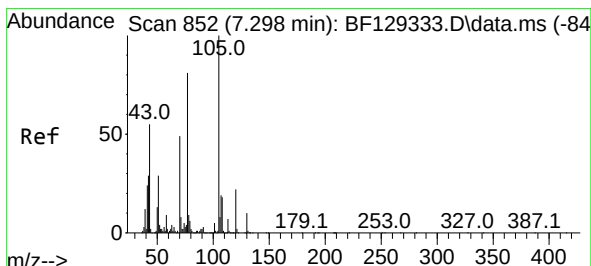
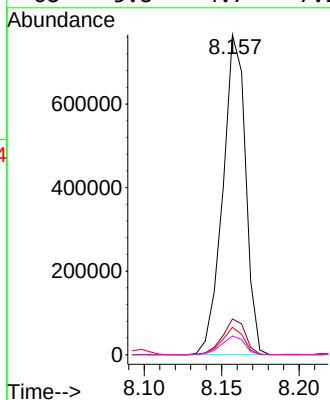
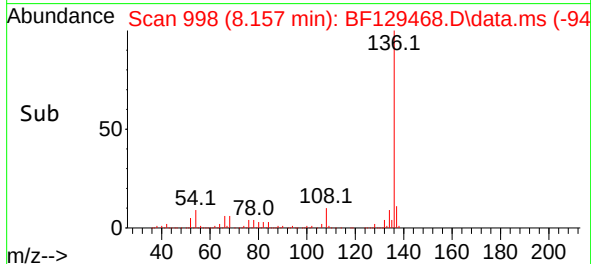
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



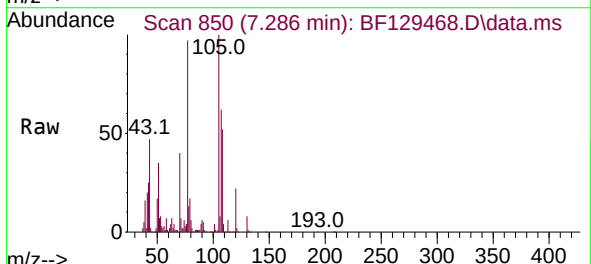
Tgt Ion:136 Resp: 783336
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.5 7.5 11.3
68 5.8 4.7 7.1

Manual Integrations
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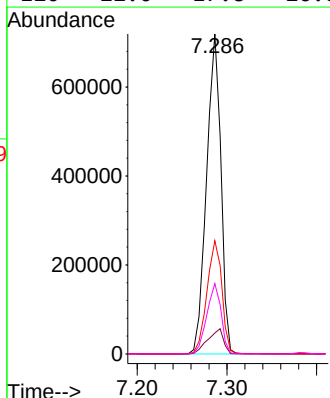
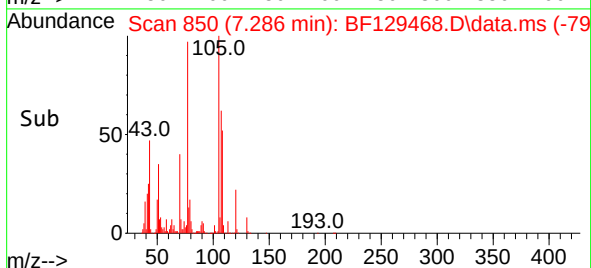
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

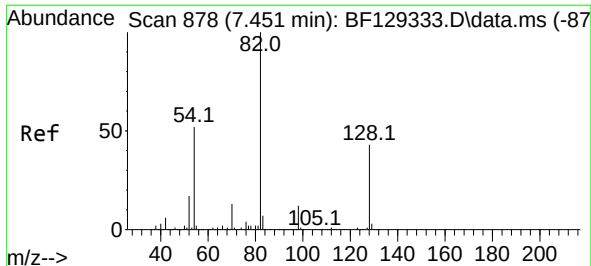


#22
Acetophenone
Concen: 43.928 ng
RT: 7.286 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



Tgt Ion:105 Resp: 801148
Ion Ratio Lower Upper
105 100
71 6.6 5.0 7.4
51 35.4 25.0 37.4
120 22.0 17.8 26.8





#23
Nitrobenzene-d5
Concen: 86.693 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Instrument :

BNA_F

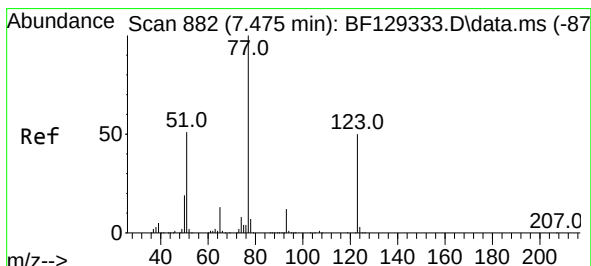
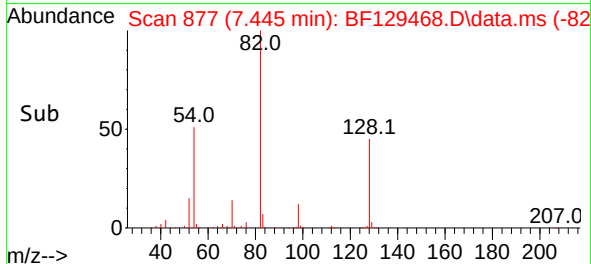
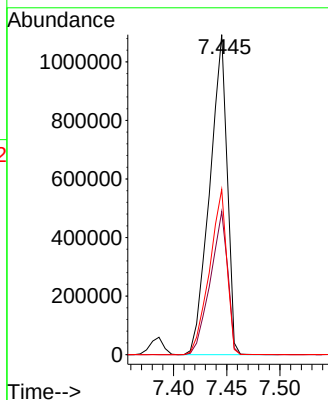
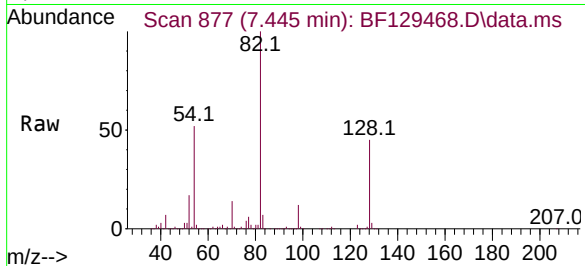
ClientSampleId :

PB146583BSD

Tgt Ion: 82 Resp: 1244029
Ion Ratio Lower Upper
82 100
128 44.7 34.0 51.0
54 51.6 46.9 70.3

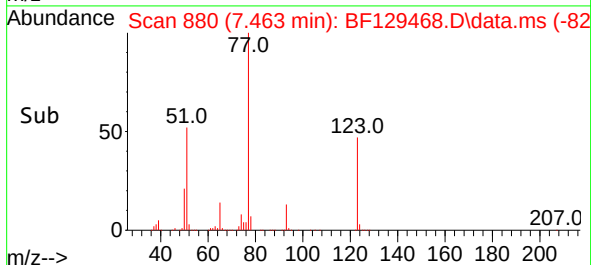
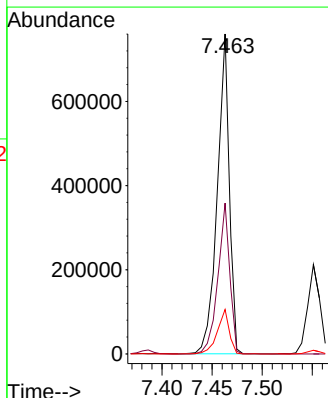
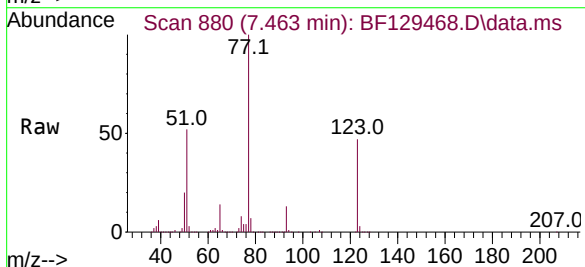
Manual Integrations
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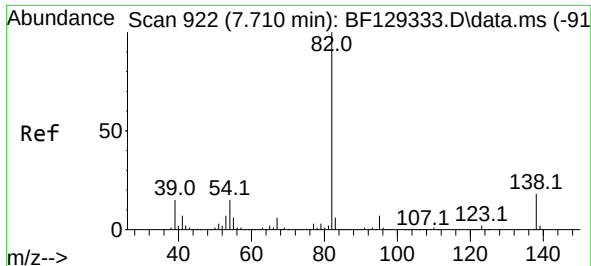
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#24
Nitrobenzene
Concen: 43.191 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Tgt Ion: 77 Resp: 638231
Ion Ratio Lower Upper
77 100
123 47.1 35.4 53.2
65 13.9 11.8 17.8





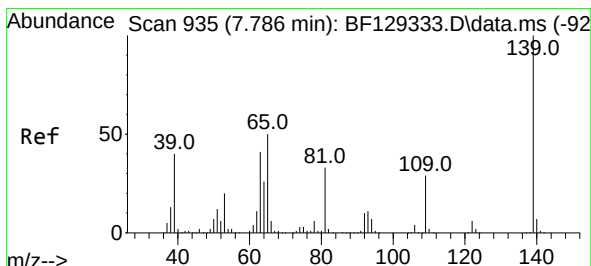
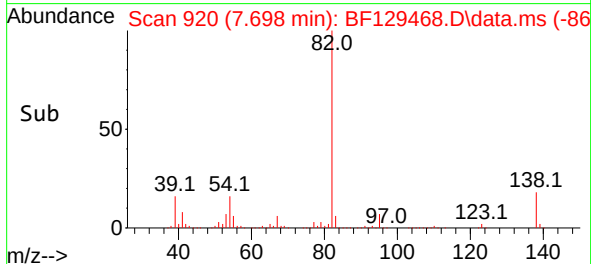
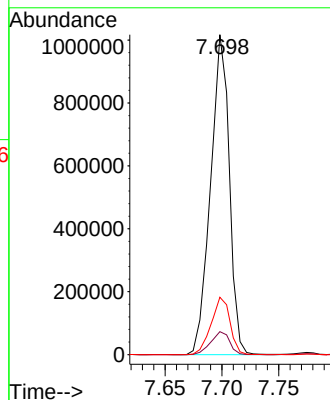
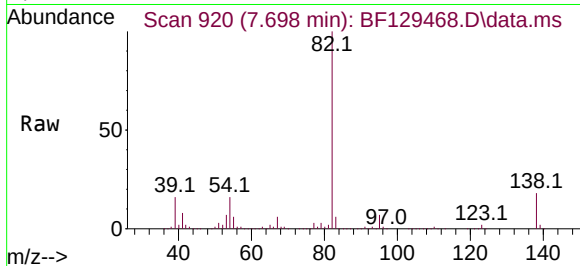
#25
Isophorone
Concen: 45.362 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Instrument :
BNA_F
ClientSampleId :
PB146583BSD

Tgt Ion: 82 Resp: 116680
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 17.9 14.2 21.2

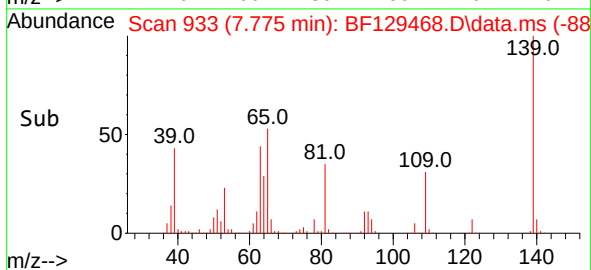
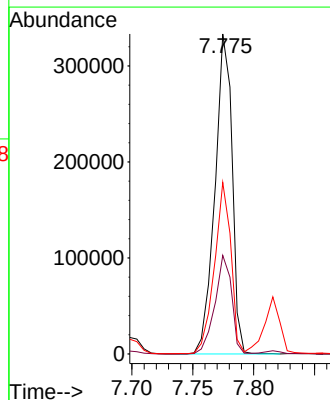
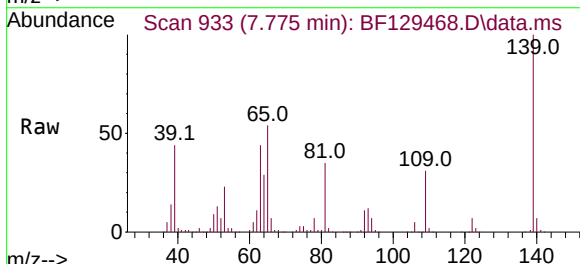
Manual Integrations
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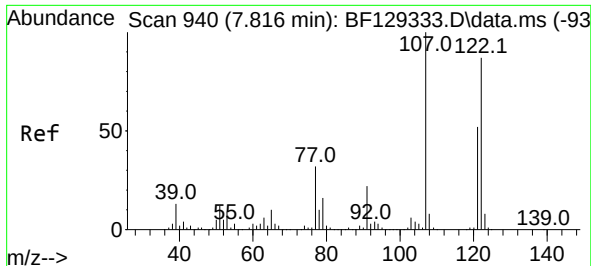
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#26
2-Nitrophenol
Concen: 44.931 ng
RT: 7.775 min Scan# 933
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Tgt Ion:139 Resp: 327542
Ion Ratio Lower Upper
139 100
109 30.8 25.0 37.4
65 53.6 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 51.069 ng m

RT: 7.816 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

Instrument :

BNA_F

ClientSampleId :

PB146583BSD

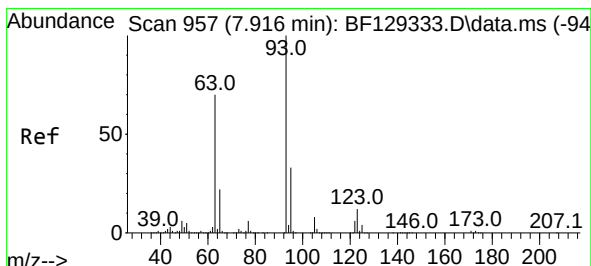
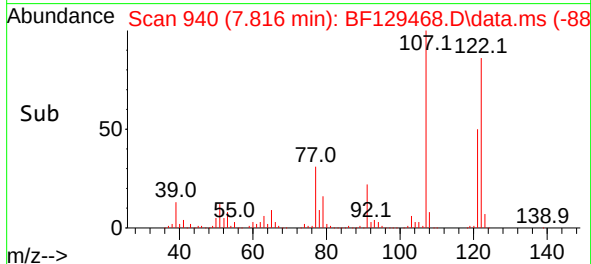
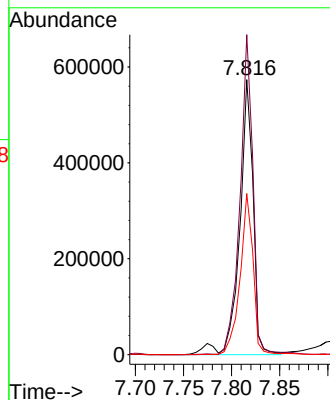
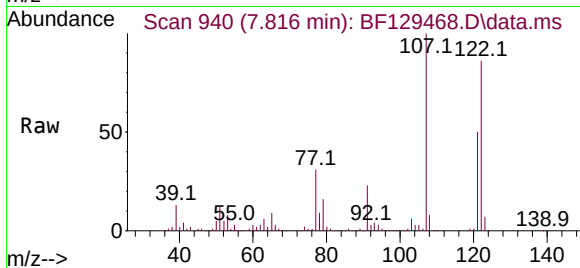
Tgt Ion:122 Resp: 558434

Ion	Ratio	Lower	Upper
122	100		
107	116.4	93.0	139.6
121	58.6	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.855 ng

RT: 7.904 min Scan# 955

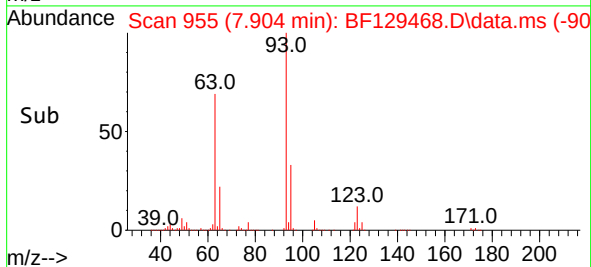
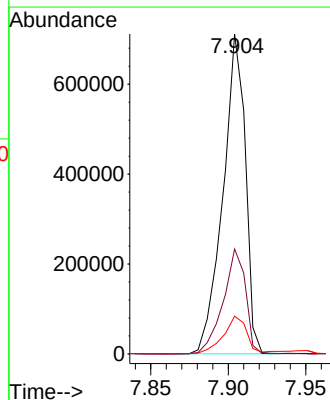
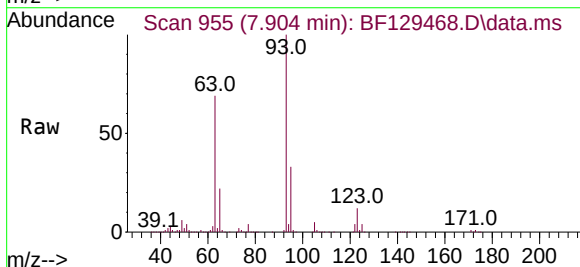
Delta R.T. -0.000 min

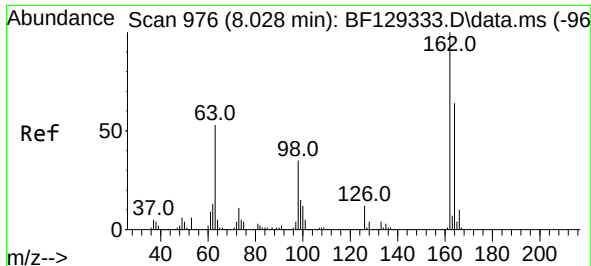
Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

Tgt Ion: 93 Resp: 714061

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.8	40.2
123	11.8	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 43.695 ng

RT: 8.022 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

Instrument :

BNA_F

ClientSampleId :

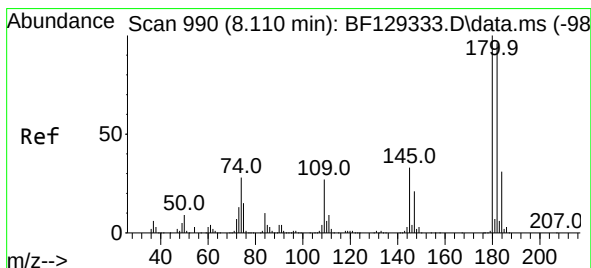
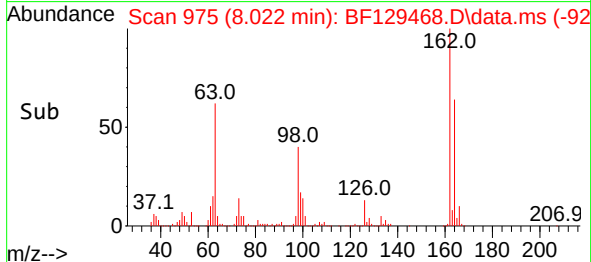
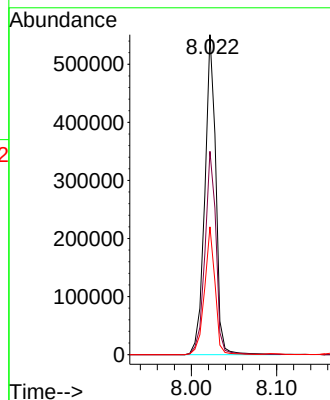
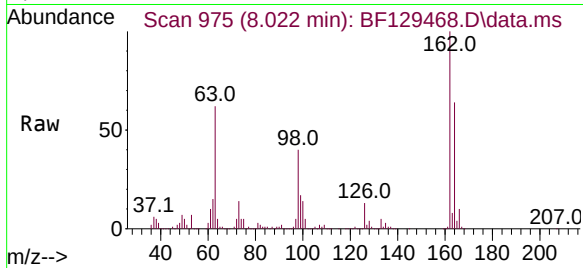
PB146583BSD

Tgt Ion:162 Resp: 493158
 Ion Ratio Lower Upper
 162 100
 164 63.5 44.2 84.2
 98 39.9 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/02/2022
 Supervised By :Jagrut Upadhyay 08/02/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.156 ng

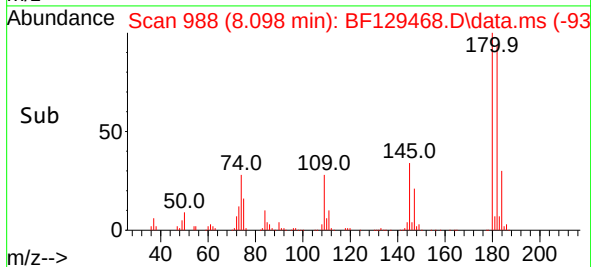
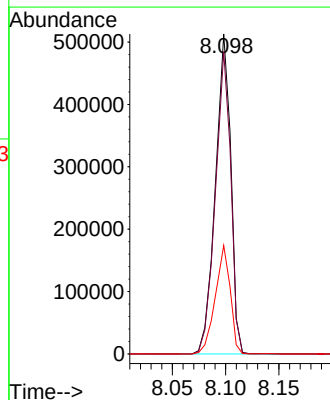
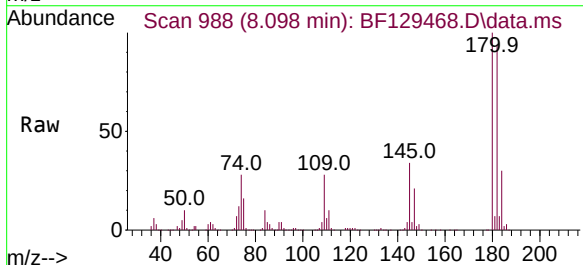
RT: 8.098 min Scan# 988

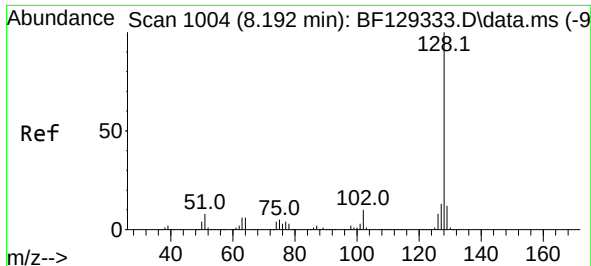
Delta R.T. -0.000 min

Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

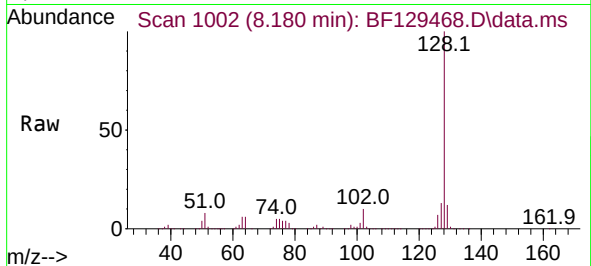
Tgt Ion:180 Resp: 515844
 Ion Ratio Lower Upper
 180 100
 182 94.4 79.2 118.8
 145 33.9 26.2 39.2





#31
Naphthalene
Concen: 42.792 ng
RT: 8.180 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

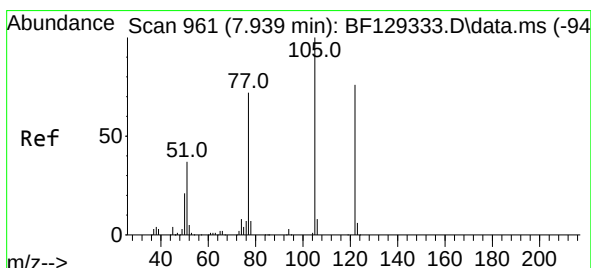
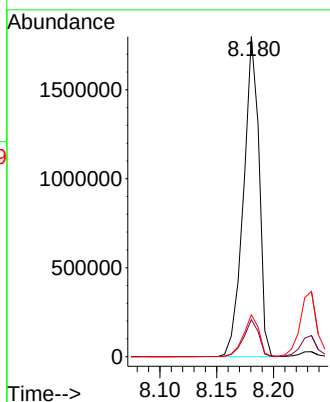
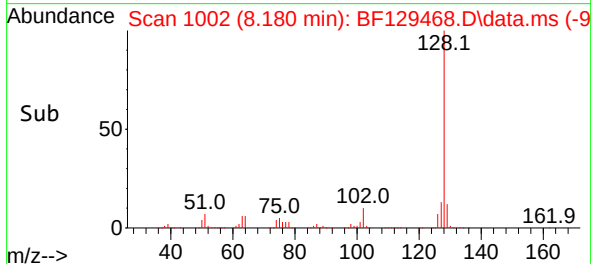
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



Tgt Ion:128 Resp: 1703028
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.1 10.5 15.7

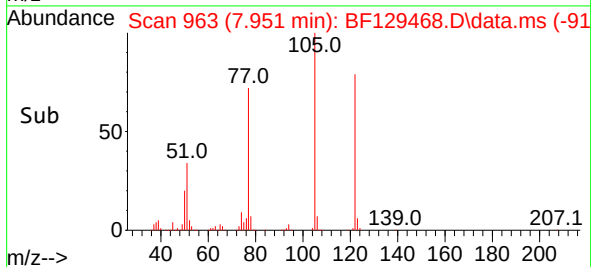
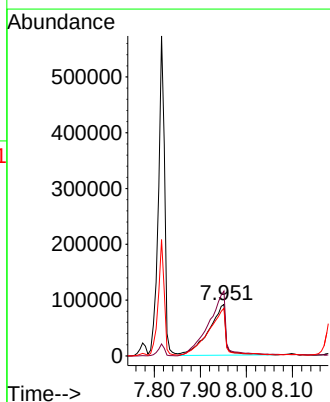
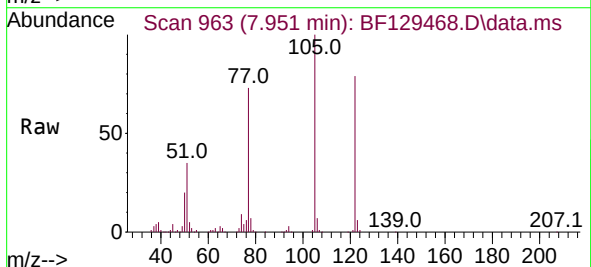
Manual Integrations
APPROVED

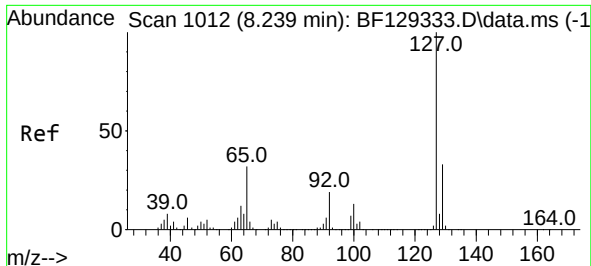
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#32
Benzoic acid
Concen: 30.583 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.012 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

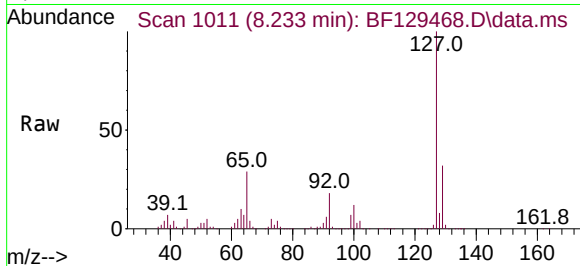
Tgt Ion:122 Resp: 241767
Ion Ratio Lower Upper
122 100
105 126.1 107.1 147.1
77 92.6 74.2 114.2





#33
4-Chloroaniline
Concen: 25.899 ng
RT: 8.233 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

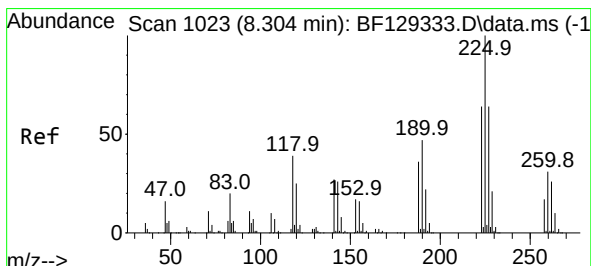
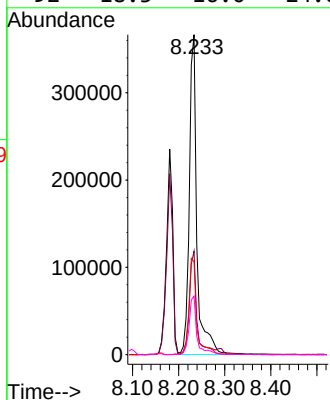
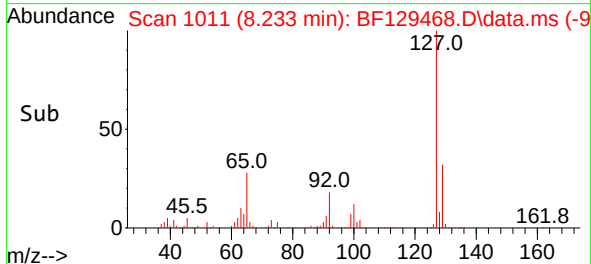
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.4	39.6
65	29.0	26.4	39.6
92	18.3	16.0	24.0

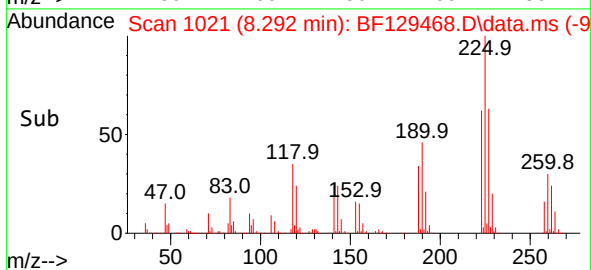
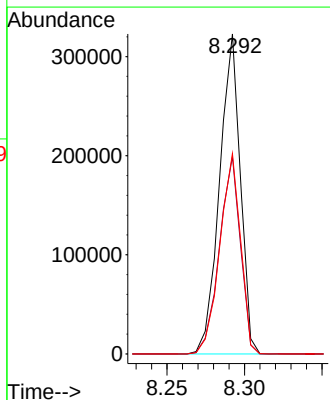
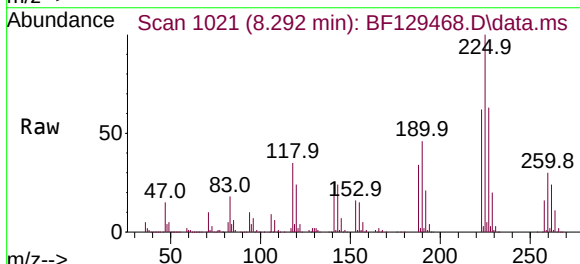
Manual Integrations
APPROVED

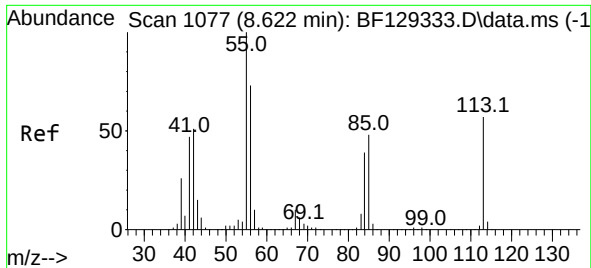
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#34
Hexachlorobutadiene
Concen: 45.417 ng
RT: 8.292 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

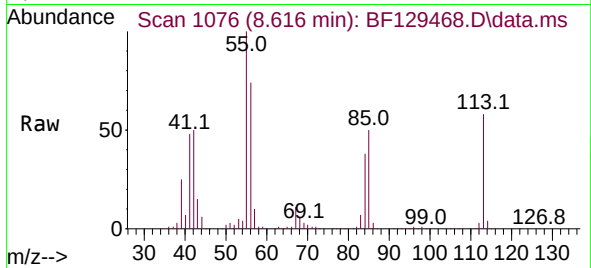
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.0	76.6
227	62.6	51.1	76.7





#35
Caprolactam
Concen: 44.905 ng m
RT: 8.616 min Scan# 1076
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

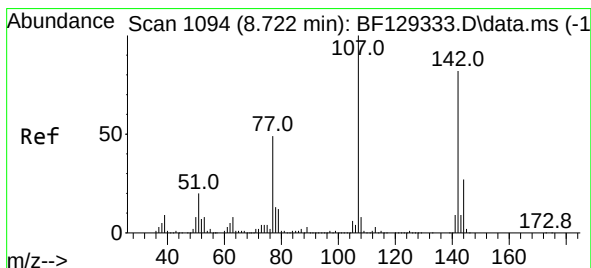
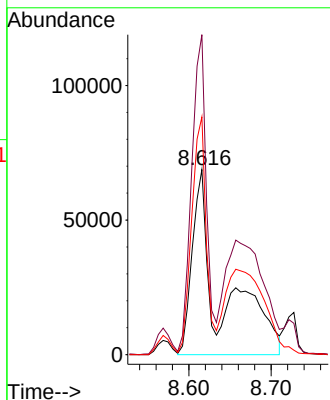
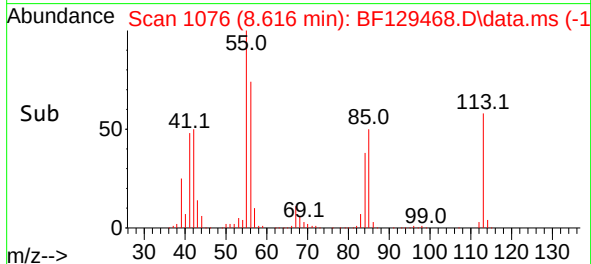
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



Tgt Ion:113 Resp: 164772
Ion Ratio Lower Upper
113 100
55 172.9 188.5 228.5
56 128.4 130.6 170.6

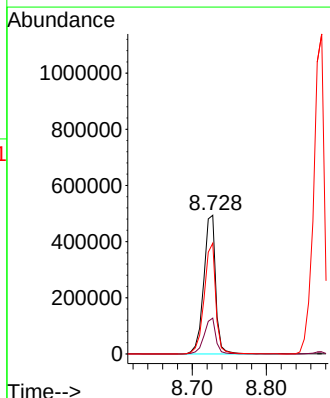
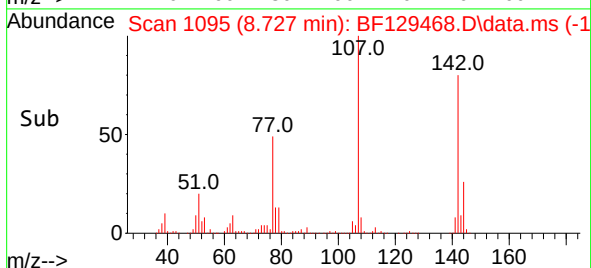
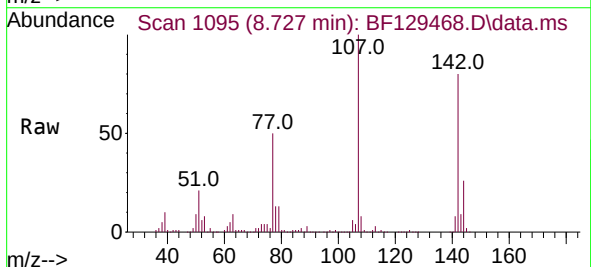
Manual Integrations
APPROVED

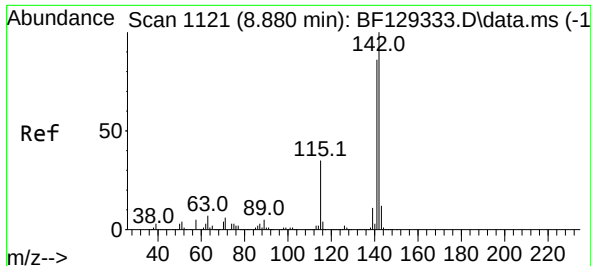
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#36
4-Chloro-3-methylphenol
Concen: 45.955 ng
RT: 8.727 min Scan# 1095
Delta R.T. 0.006 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Tgt Ion:107 Resp: 550106
Ion Ratio Lower Upper
107 100
144 25.8 19.5 29.3
142 79.8 58.2 87.4





#37

2-Methylnaphthalene

Concen: 43.249 ng

RT: 8.875 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

Instrument :

BNA_F

ClientSampleId :

PB146583BSD

Tgt Ion:142 Resp: 111855

Ion Ratio Lower Upper

142 100

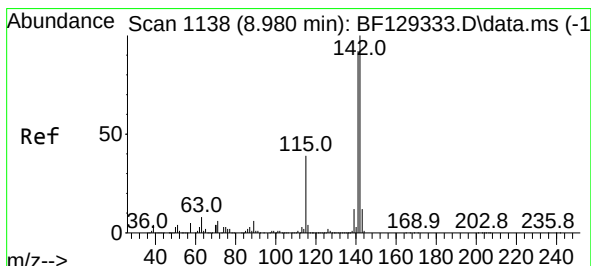
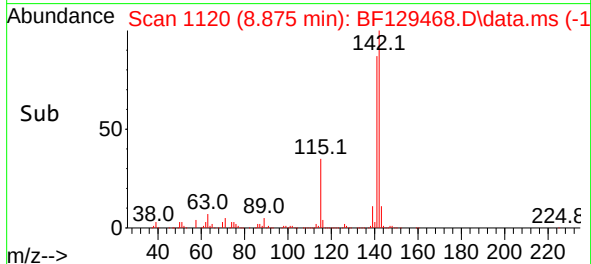
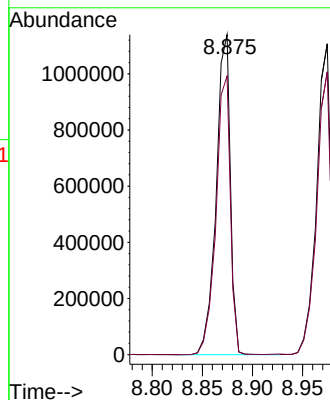
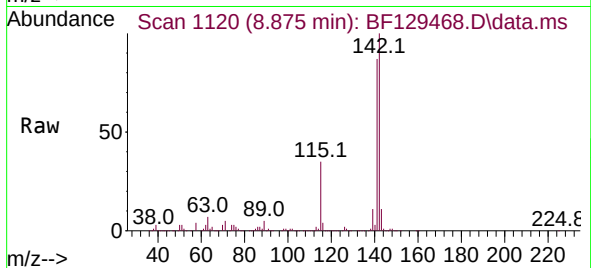
141 87.0 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/02/2022

Supervised By :Jagrut Upadhyay 08/02/2022



#38

1-Methylnaphthalene

Concen: 43.194 ng

RT: 8.975 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF129468.D

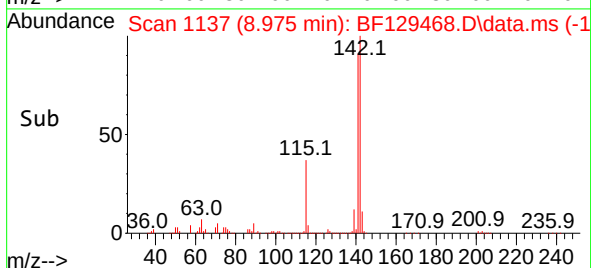
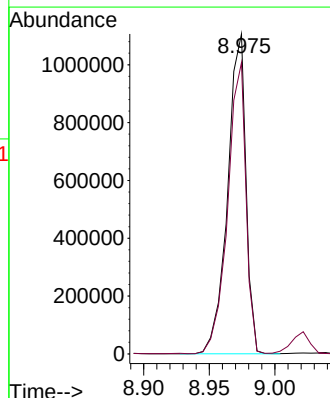
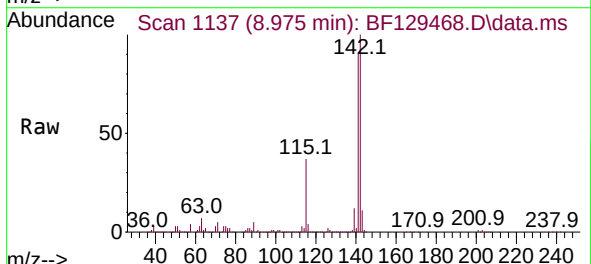
Acq: 01 Aug 2022 12:14

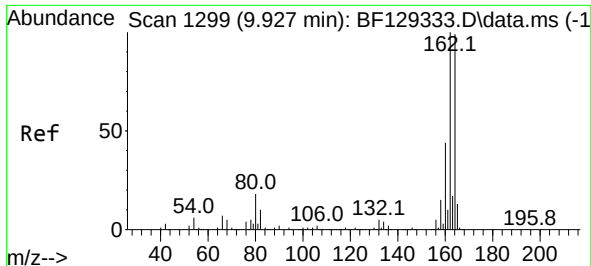
Tgt Ion:142 Resp: 1078416

Ion Ratio Lower Upper

142 100

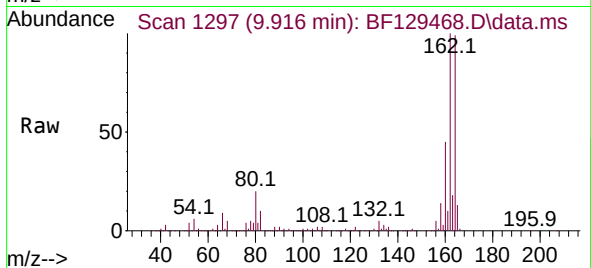
141 91.0 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

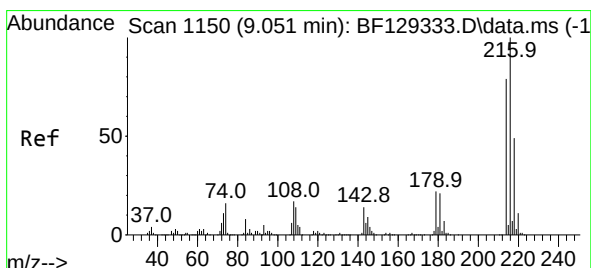
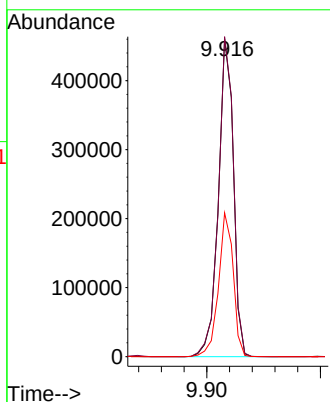
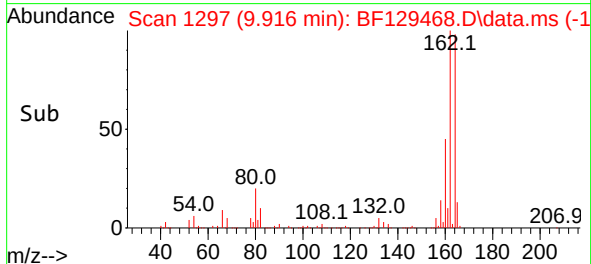
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



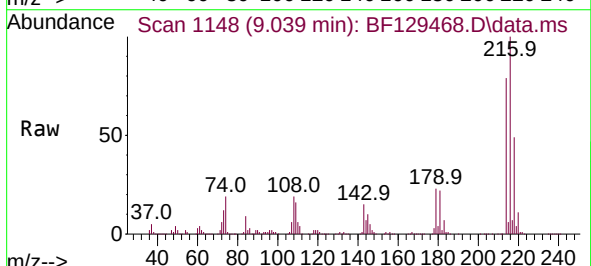
Tgt Ion:164 Resp: 421872
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 45.2 34.2 51.4

Manual Integrations
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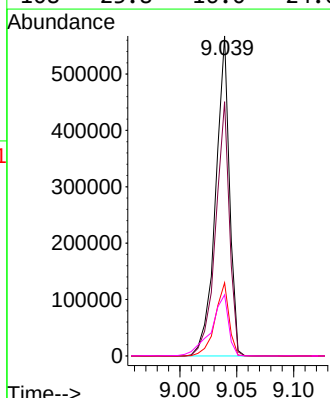
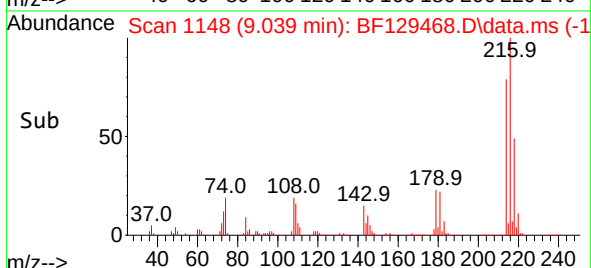
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

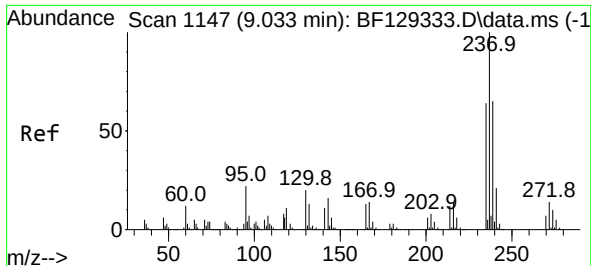


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.456 ng
RT: 9.039 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



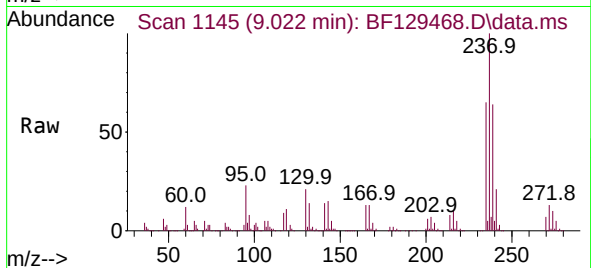
Tgt Ion:216 Resp: 481392
Ion Ratio Lower Upper
216 100
214 79.2 63.6 95.4
179 22.9 17.0 25.6
108 23.8 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 107.092 ng
RT: 9.022 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

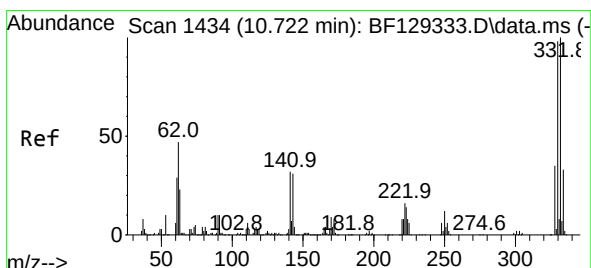
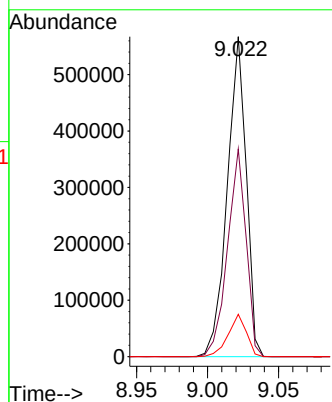
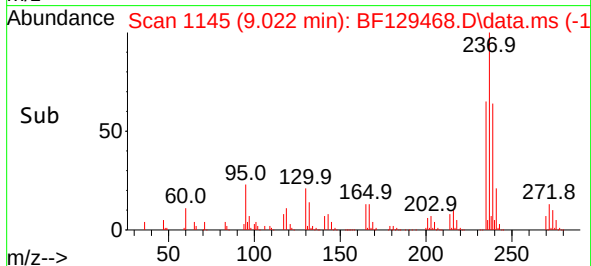
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



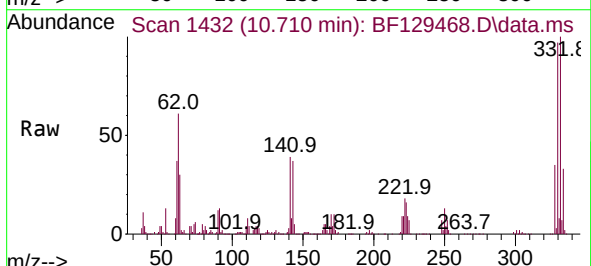
Tgt Ion:237 Resp: 528259
Ion Ratio Lower Upper
237 100
235 64.9 43.2 83.2
272 13.2 0.0 31.9

Manual Integrations
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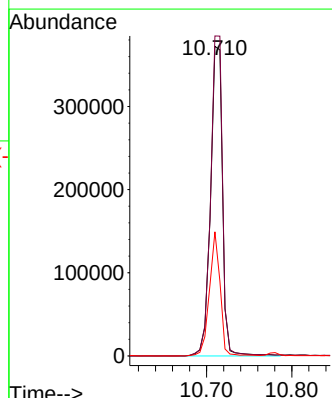
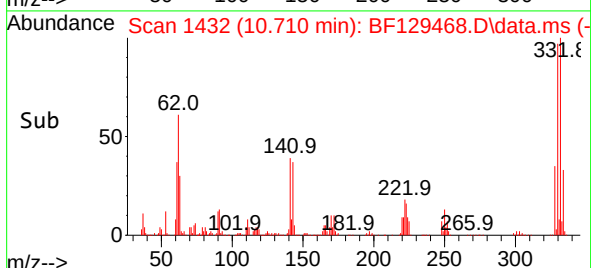
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

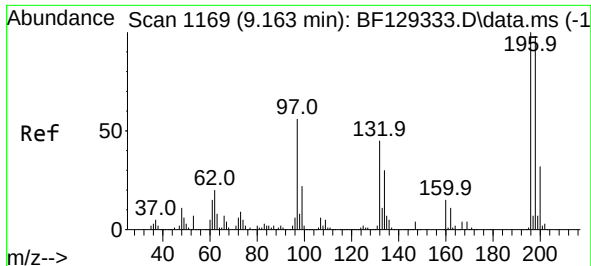


#42
2,4,6-Tribromophenol
Concen: 89.620 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



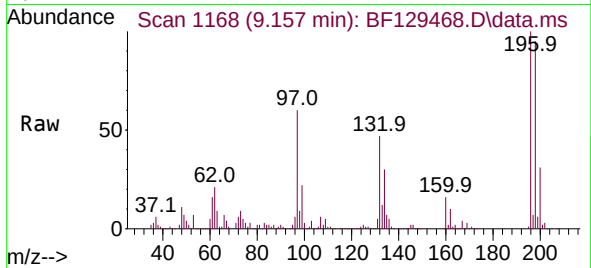
Tgt Ion:330 Resp: 363501
Ion Ratio Lower Upper
330 100
332 103.2 76.8 115.2
141 36.0 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 42.285 ng
RT: 9.157 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

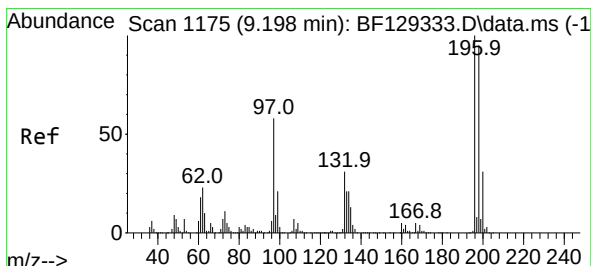
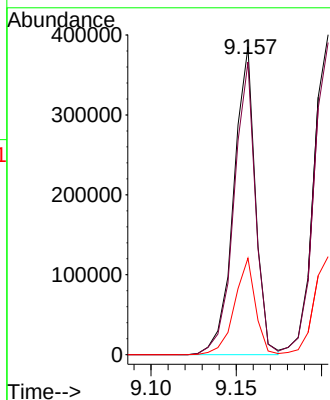
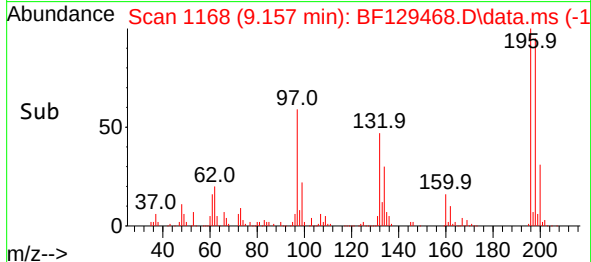
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



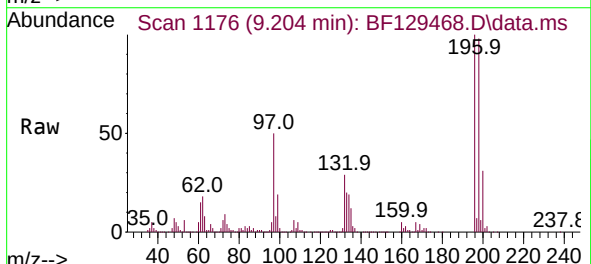
Tgt Ion:196 Resp: 340216
Ion Ratio Lower Upper
196 100
198 95.0 74.0 111.0
200 31.3 24.1 36.1

Manual Integrations
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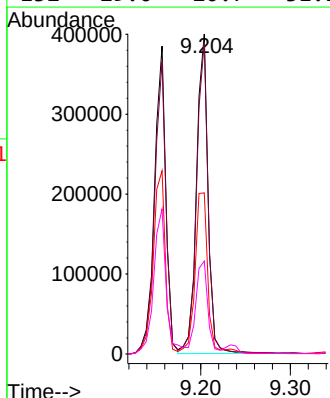
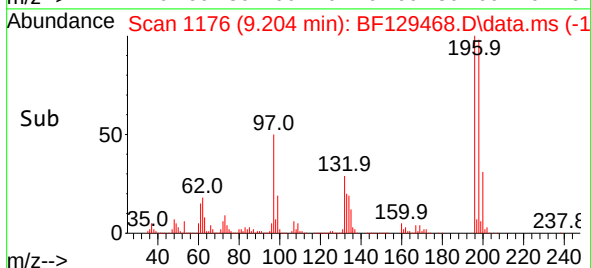
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

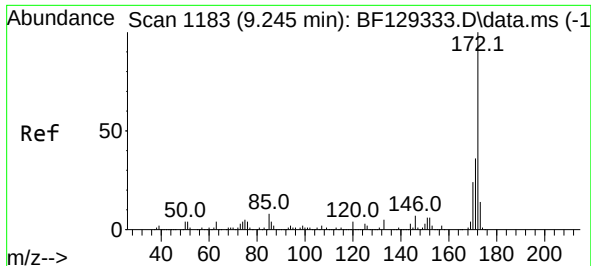


#44
2,4,5-Trichlorophenol
Concen: 40.931 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



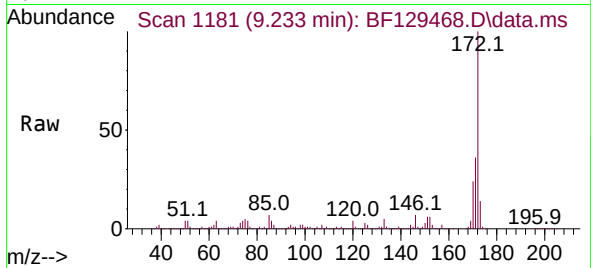
Tgt Ion:196 Resp: 358127
Ion Ratio Lower Upper
196 100
198 97.5 75.7 113.5
97 50.3 36.4 54.6
132 29.0 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 80.573 ng
RT: 9.233 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

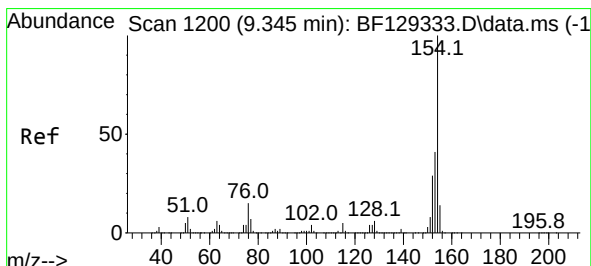
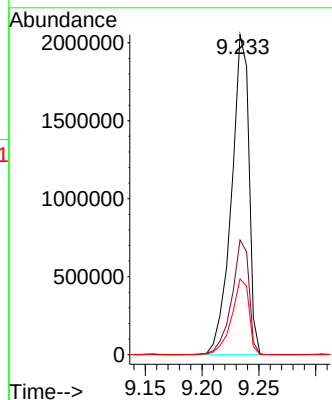
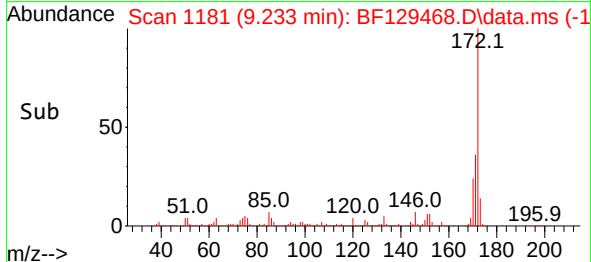
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



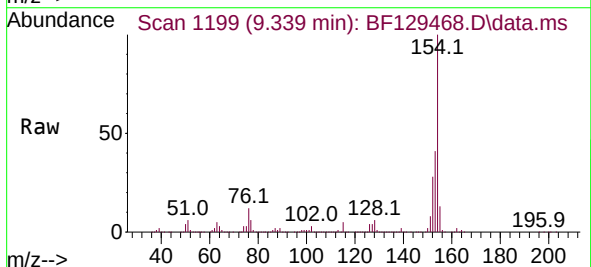
Tgt Ion:172 Resp: 219734
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.7 19.8 29.8

Manual Integrations
APPROVED

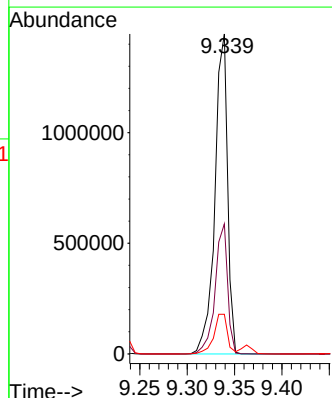
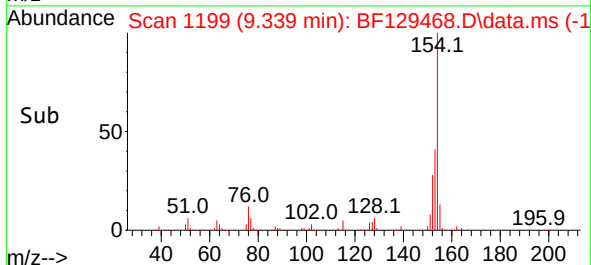
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

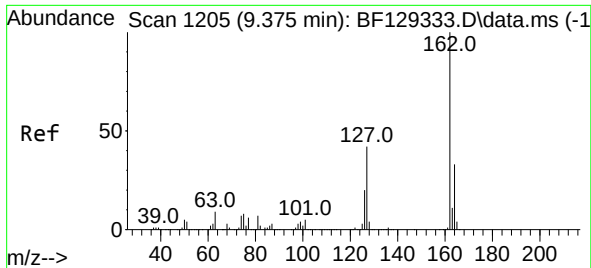


#46
1,1'-Biphenyl
Concen: 43.655 ng
RT: 9.339 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



Tgt Ion:154 Resp: 1344060
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 12.4 0.0 33.3





#47

2-Chloronaphthalene

Concen: 42.442 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

Instrument :

BNA_F

ClientSampleId :

PB146583BSD

Tgt Ion:162 Resp: 105635

Ion Ratio Lower Upper

162 100

127 43.2 34.5 51.7

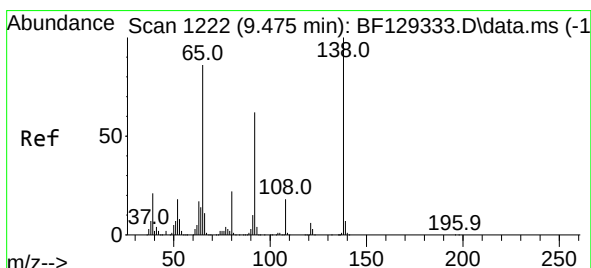
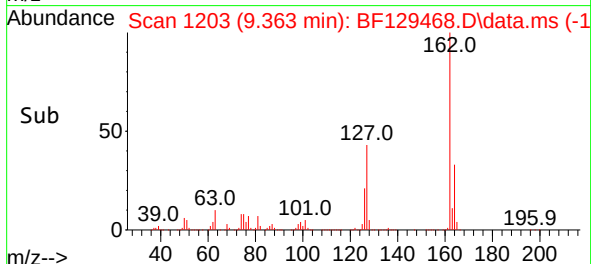
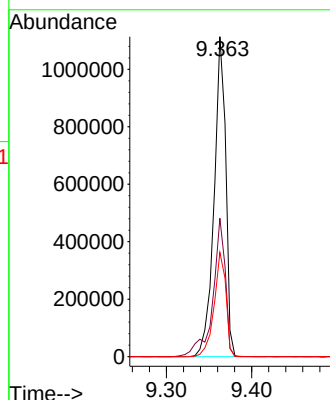
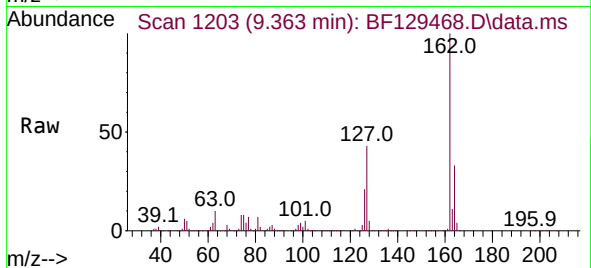
164 32.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/02/2022

Supervised By :Jagrut Upadhyay 08/02/2022



#48

2-Nitroaniline

Concen: 42.703 ng

RT: 9.463 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

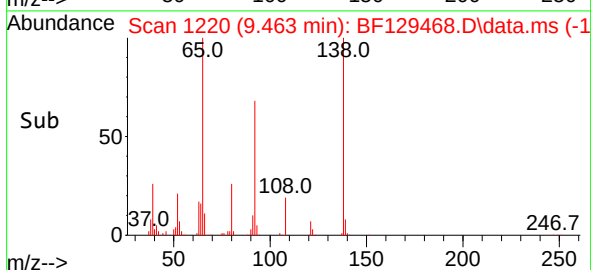
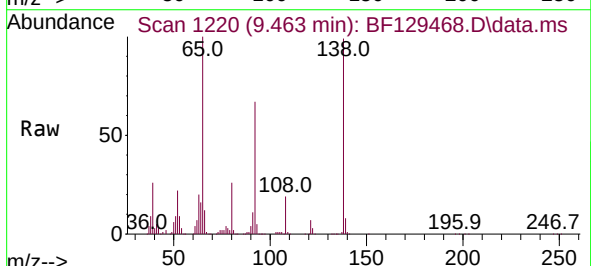
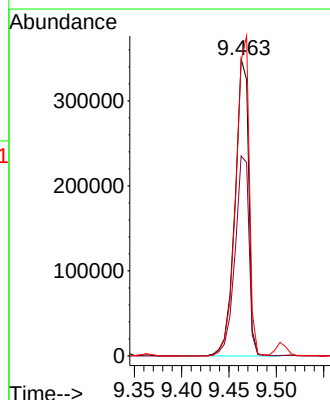
Tgt Ion: 65 Resp: 353424

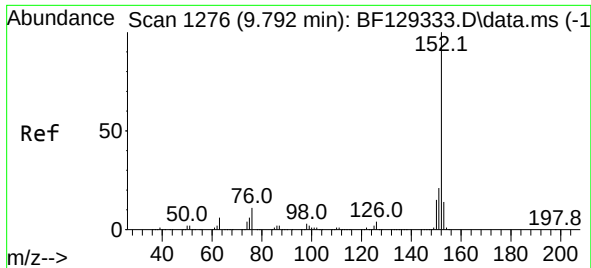
Ion Ratio Lower Upper

65 100

92 67.3 51.9 77.9

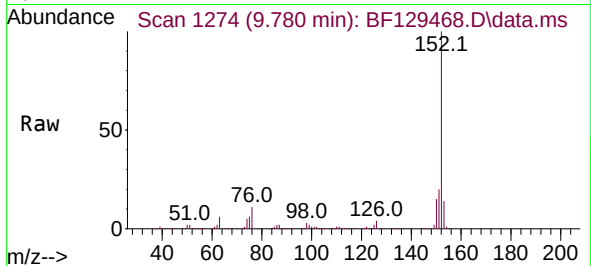
138 99.3 76.4 114.6





#49
Acenaphthylene
Concen: 44.558 ng
RT: 9.780 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

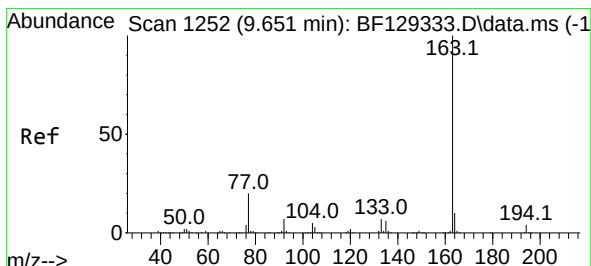
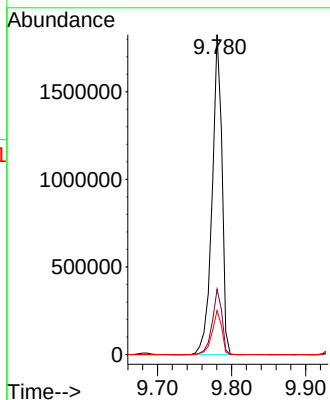
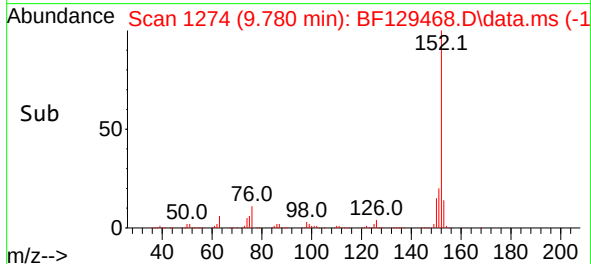
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



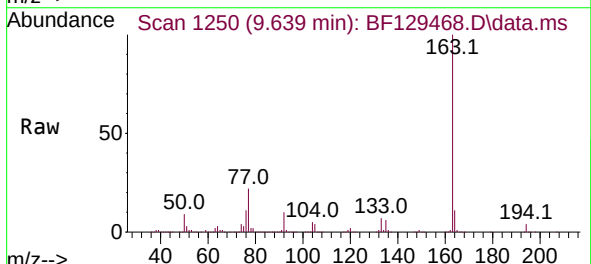
Tgt Ion:152 Resp: 1685159
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.8 10.7 16.1

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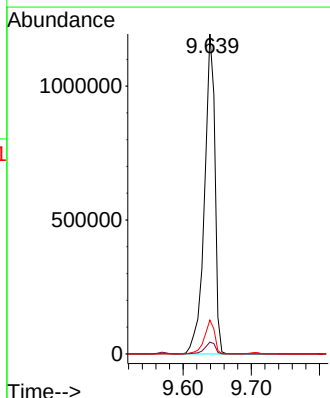
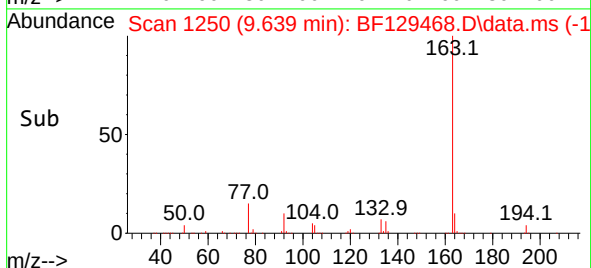
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

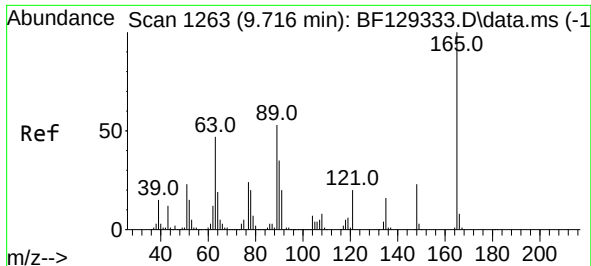


#50
Dimethylphthalate
Concen: 43.588 ng
RT: 9.639 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



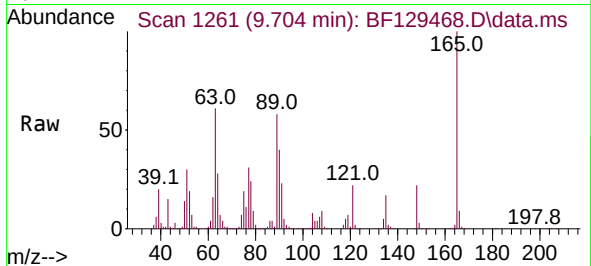
Tgt Ion:163 Resp: 1269431
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.251 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

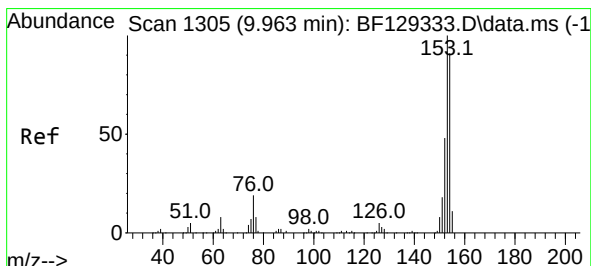
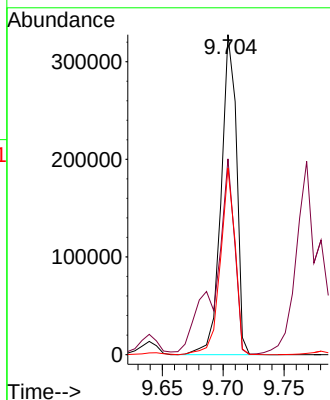
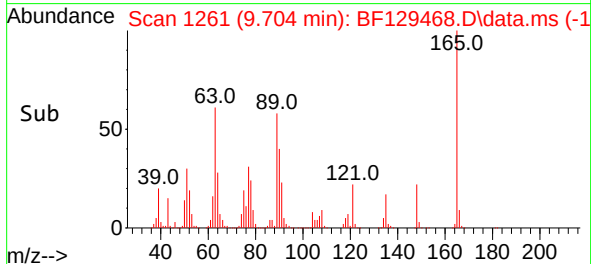
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



Tgt Ion:165 Resp: 28844
Ion Ratio Lower Upper
165 100
63 61.2 44.9 67.3
89 58.3 43.6 65.4

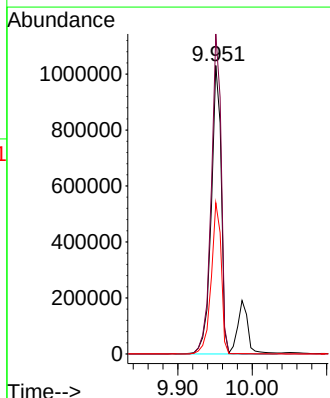
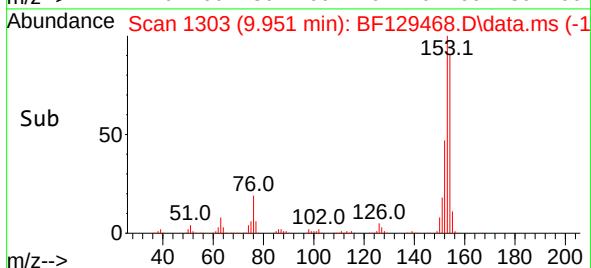
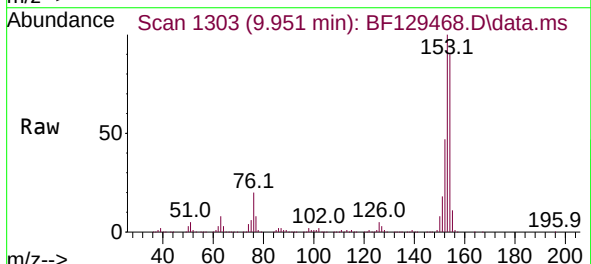
Manual Integrations
APPROVED

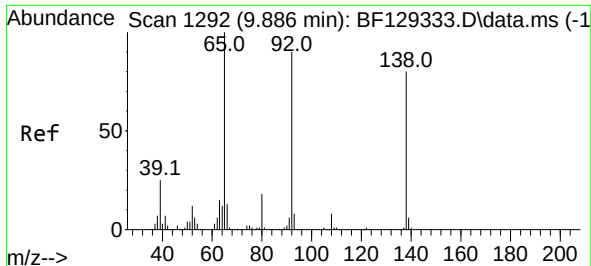
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#52
Acenaphthene
Concen: 46.159 ng m
RT: 9.951 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Tgt Ion:154 Resp: 1140208
Ion Ratio Lower Upper
154 100
153 111.0 89.6 134.4
152 52.4 42.4 63.6





#53

3-Nitroaniline

Concen: 28.605 ng

RT: 9.880 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

Instrument :

BNA_F

ClientSampleId :

PB146583BSD

Tgt Ion:138 Resp: 220174

Ion Ratio Lower Upper

138 100

108 9.8 10.9 16.3

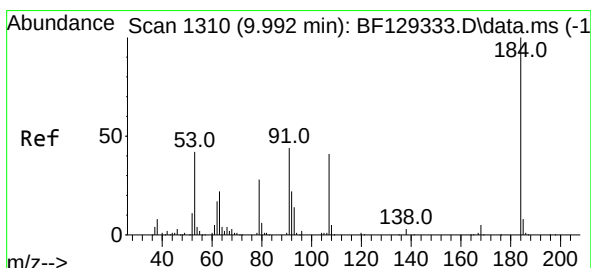
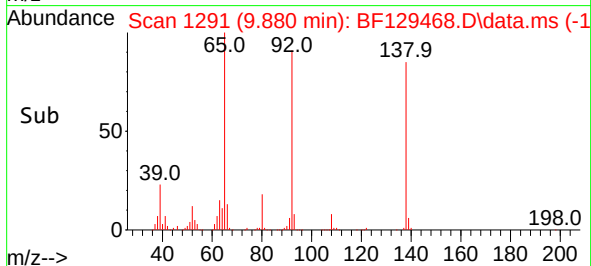
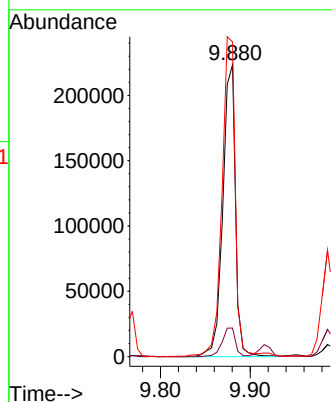
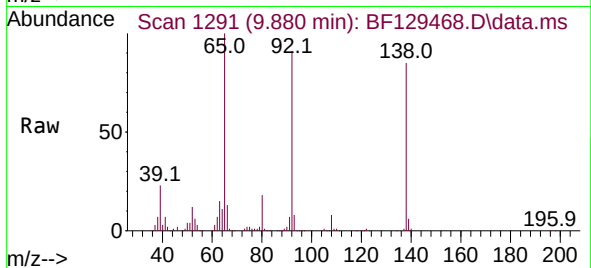
92 107.8 98.2 147.2

Manual Integrations

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Reviewed By :Christian Giraldo 08/02/2022

Supervised By :Jagrut Upadhyay 08/02/2022



#54

2,4-Dinitrophenol

Concen: 80.911 ng

RT: 9.986 min Scan# 1309

Delta R.T. 0.006 min

Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

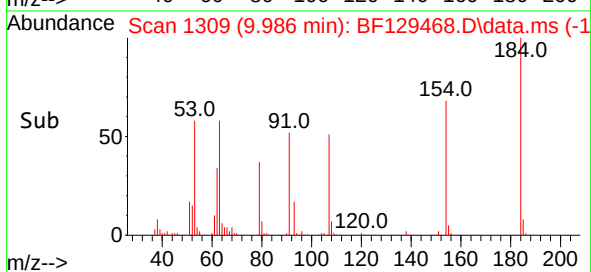
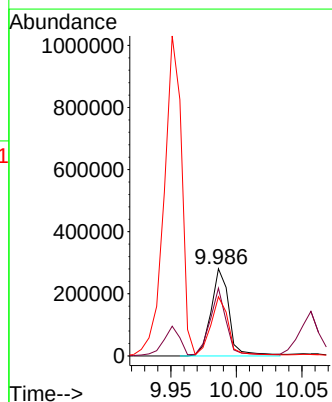
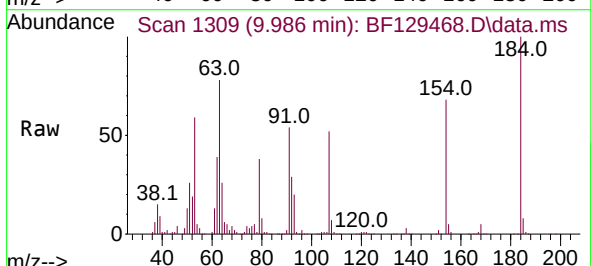
Tgt Ion:184 Resp: 269243

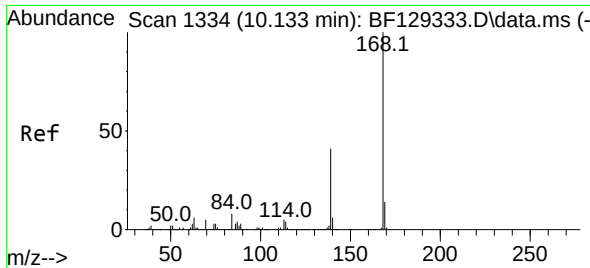
Ion Ratio Lower Upper

184 100

63 77.8 64.5 96.7

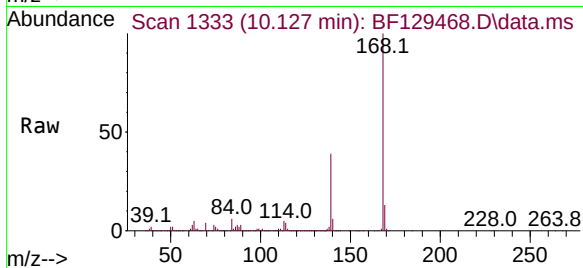
154 67.9 50.6 75.8





#55
Dibenzenofuran
Concen: 42.667 ng
RT: 10.127 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

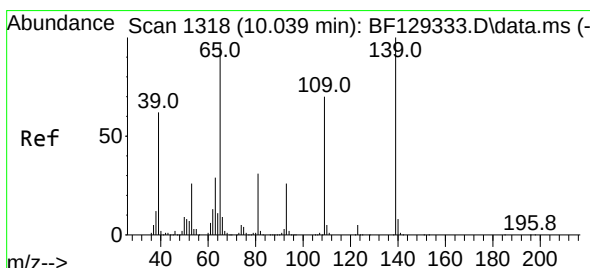
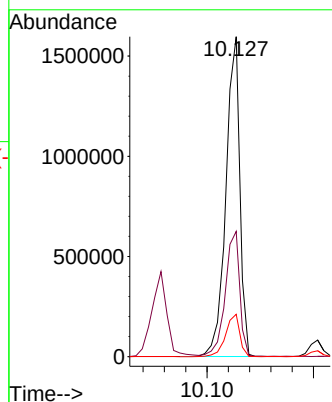
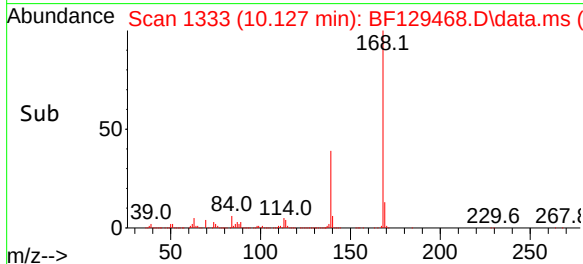
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



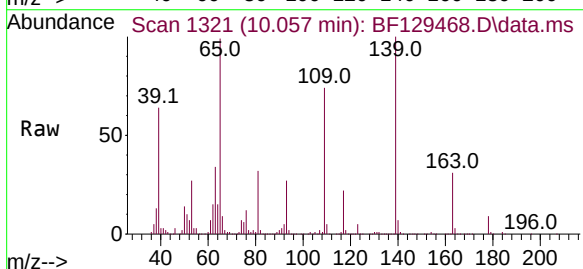
Tgt Ion:168 Resp: 1452891
Ion Ratio Lower Upper
168 100
139 39.2 30.6 46.0
169 13.2 11.0 16.6

Manual Integrations
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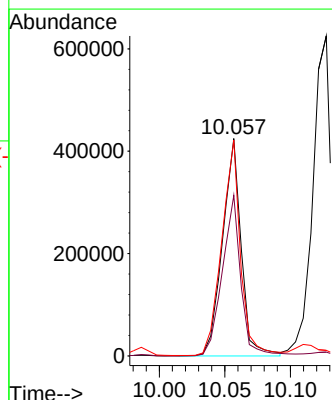
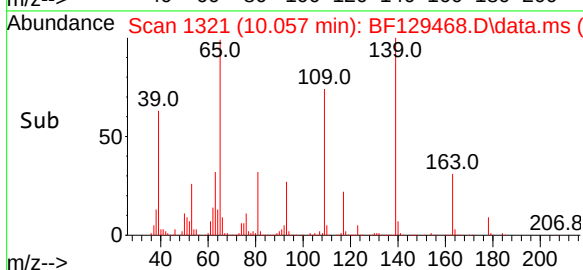
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

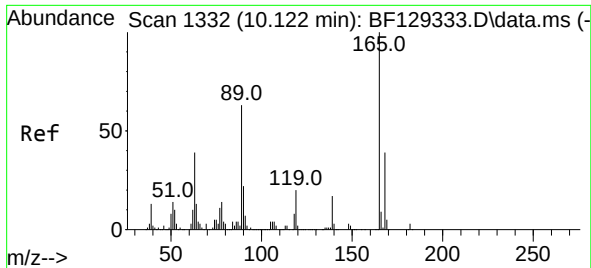


#56
4-Nitrophenol
Concen: 74.251 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



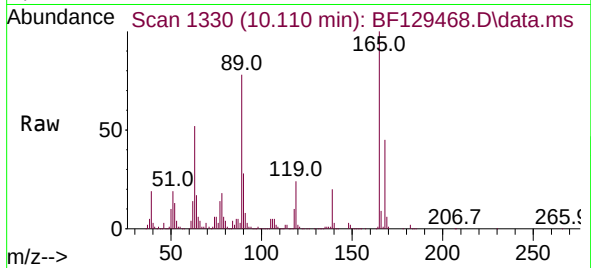
Tgt Ion:139 Resp: 421642
Ion Ratio Lower Upper
139 100
109 73.9 50.7 90.7
65 99.2 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 43.935 ng
RT: 10.110 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

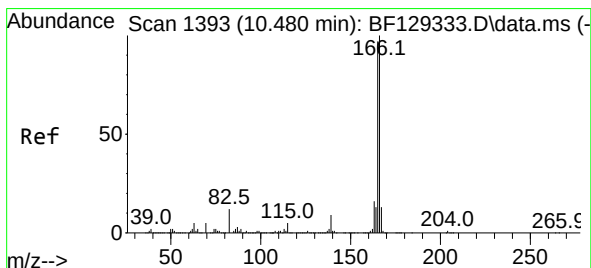
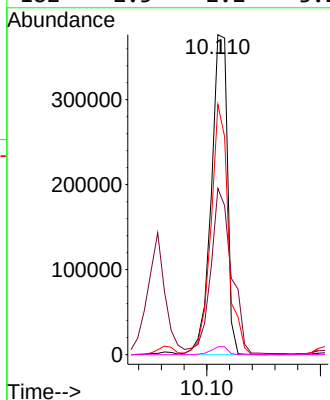
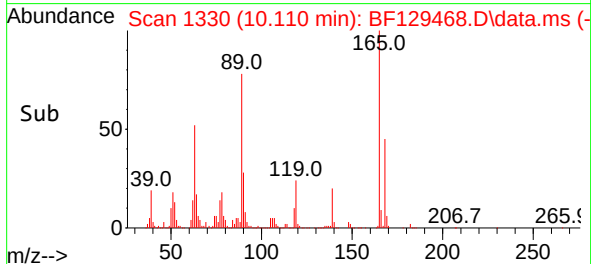
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



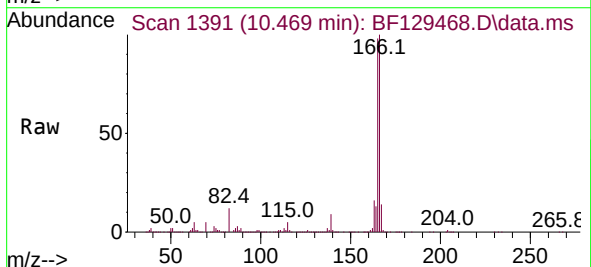
Tgt Ion:165 Resp: 374124
Ion Ratio Lower Upper
165 100
63 51.9 39.8 59.6
89 78.2 60.2 90.2
182 2.5 2.2 3.2

Manual Integrations
APPROVED

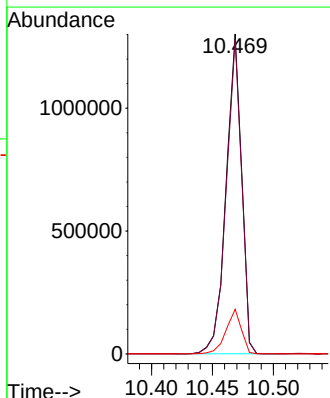
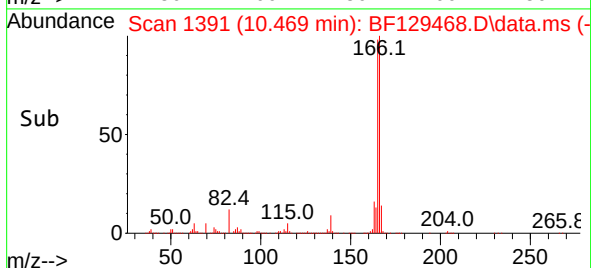
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

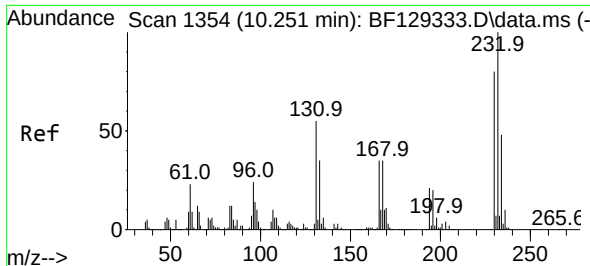


#58
Fluorene
Concen: 42.382 ng
RT: 10.469 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



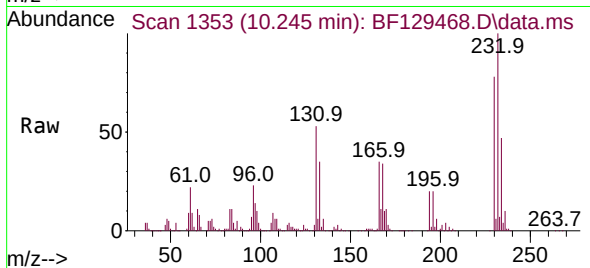
Tgt Ion:166 Resp: 1154707
Ion Ratio Lower Upper
166 100
165 98.3 78.1 117.1
167 13.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.524 ng
RT: 10.245 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

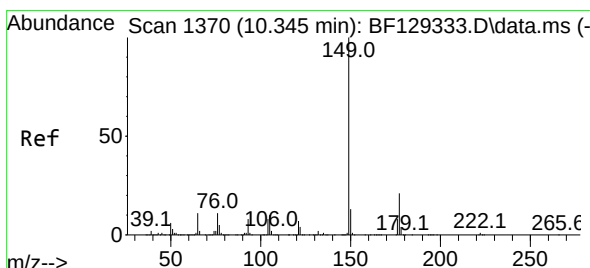
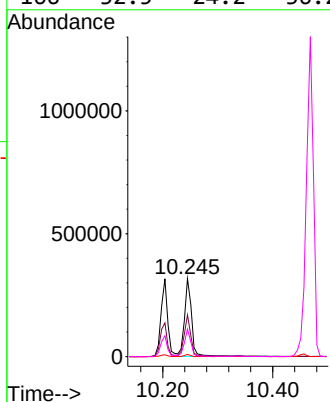
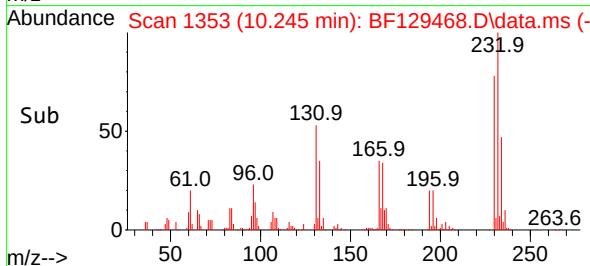
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



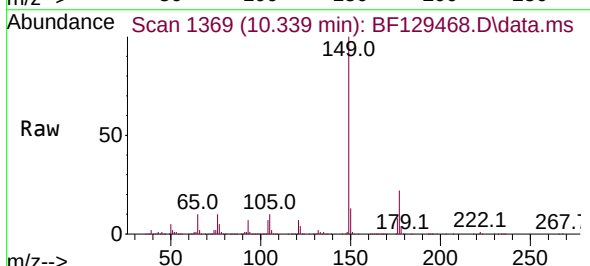
Tgt Ion:232 Resp: 280762
Ion Ratio Lower Upper
232 100
131 49.6 36.1 54.1
130 2.6 1.8 2.8
166 32.5 24.2 36.2

Manual Integrations
APPROVED

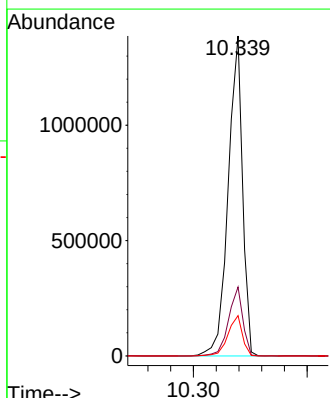
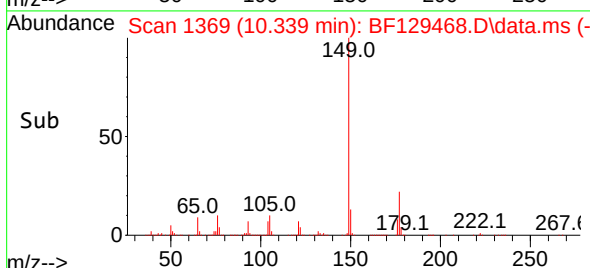
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

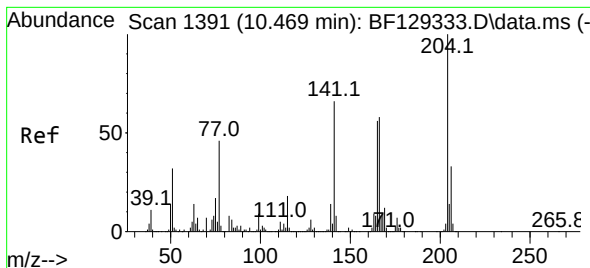


#60
Diethylphthalate
Concen: 43.260 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



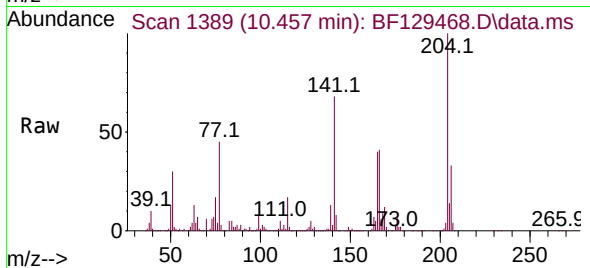
Tgt Ion:149 Resp: 1217910
Ion Ratio Lower Upper
149 100
177 21.5 17.3 25.9
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.188 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

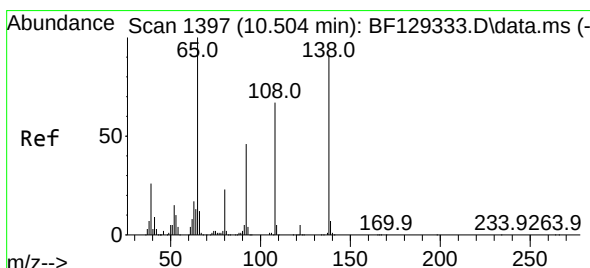
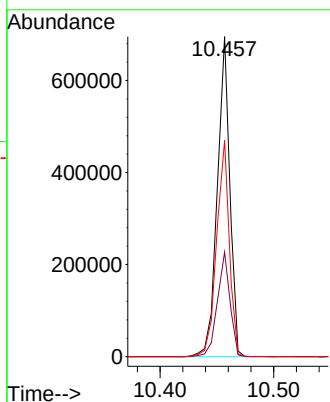
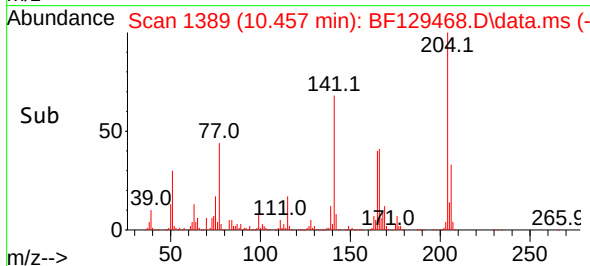
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



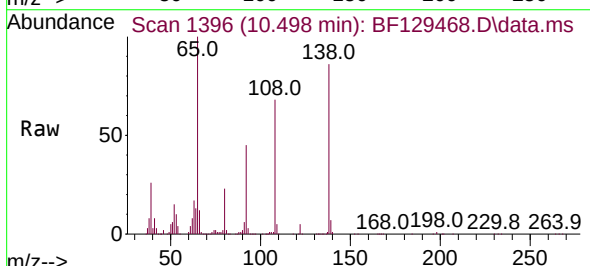
Tgt Ion:204 Resp: 530766
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 67.5 47.0 70.4

Manual Integrations
APPROVED

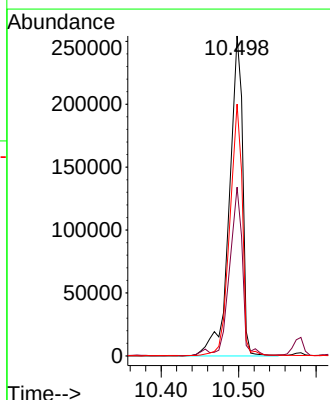
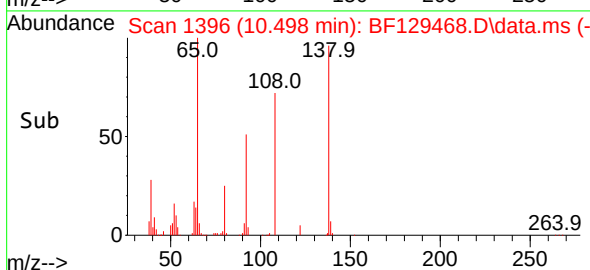
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

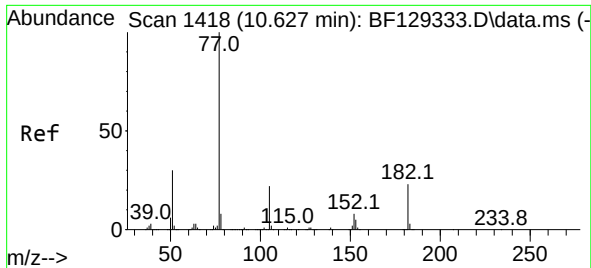


#62
4-Nitroaniline
Concen: 39.870 ng
RT: 10.498 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



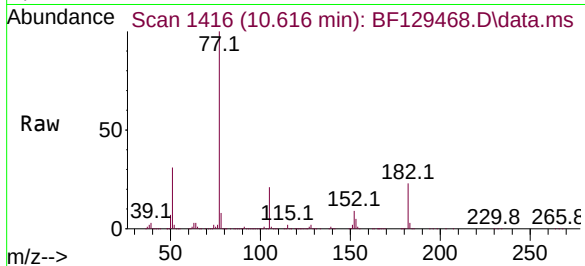
Tgt Ion:138 Resp: 304439
Ion Ratio Lower Upper
138 100
92 52.7 33.5 73.5
108 78.7 61.0 101.0





#63
Azobenzene
Concen: 41.524 ng
RT: 10.616 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

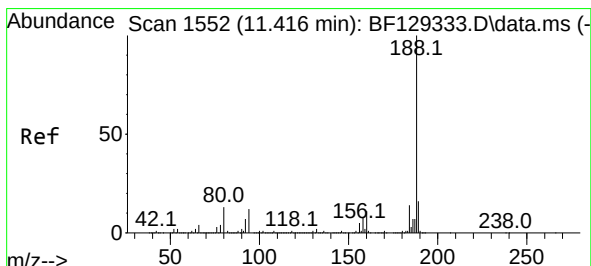
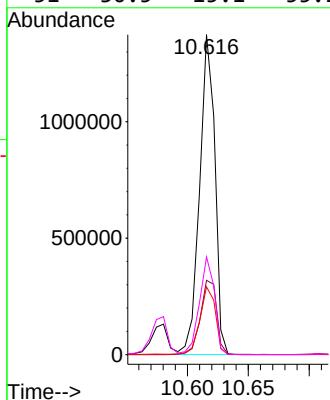
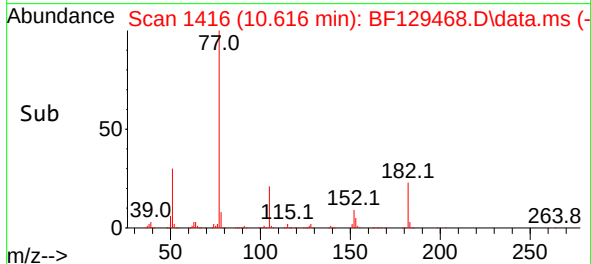
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



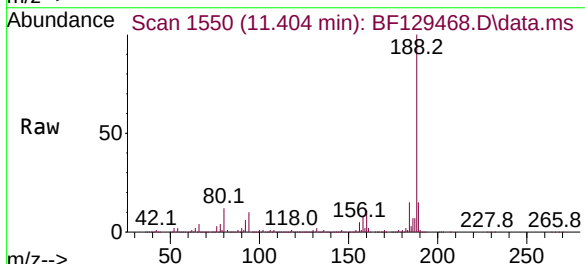
Tgt Ion: 77 Resp: 1192375
Ion Ratio Lower Upper
77 100
182 23.2 5.6 45.6
105 21.2 1.6 41.6
51 30.5 15.1 55.1

Manual Integrations
APPROVED

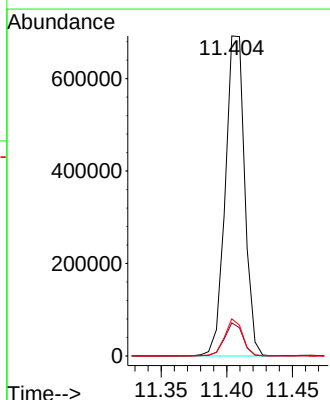
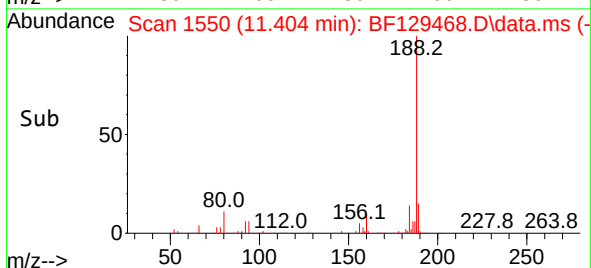
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

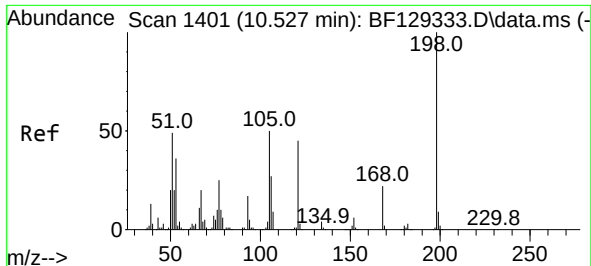


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



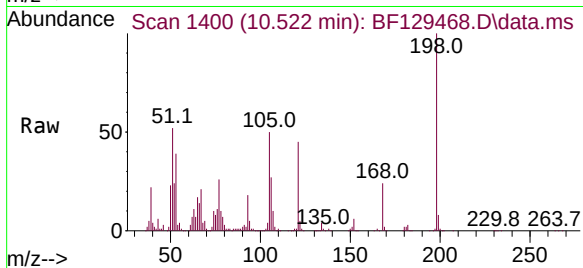
Tgt Ion:188 Resp: 713196
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 11.6 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 41.788 ng
RT: 10.522 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

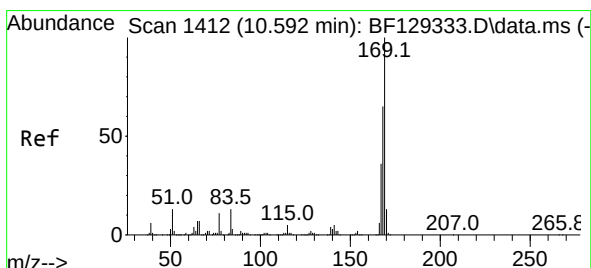
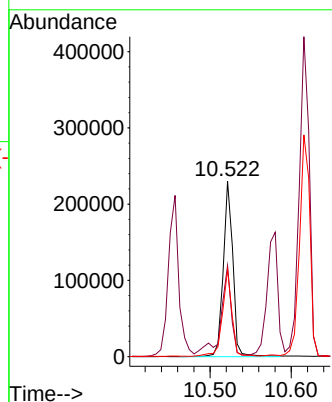
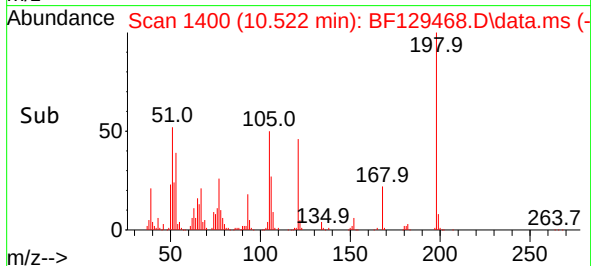
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



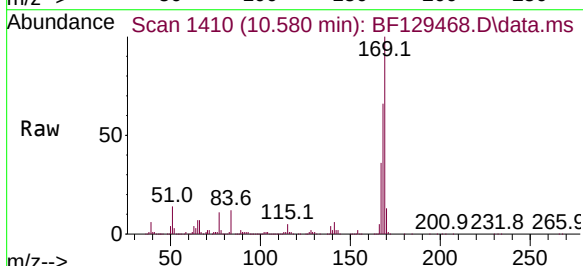
Tgt Ion:198 Resp: 188108
Ion Ratio Lower Upper
198 100
51 52.0 37.6 77.6
105 49.9 27.0 67.0

Manual Integrations
APPROVED

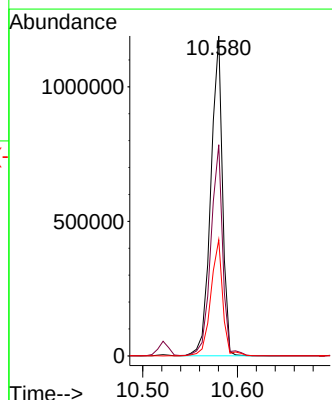
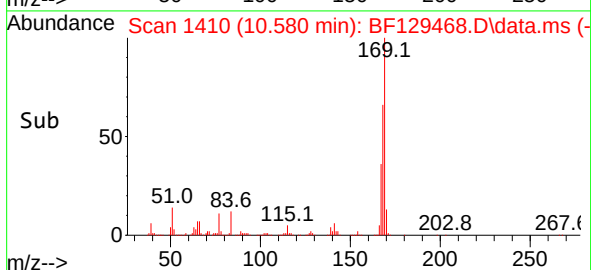
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

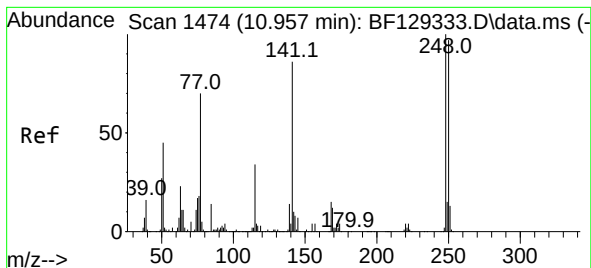


#66
n-Nitrosodiphenylamine
Concen: 43.023 ng
RT: 10.580 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



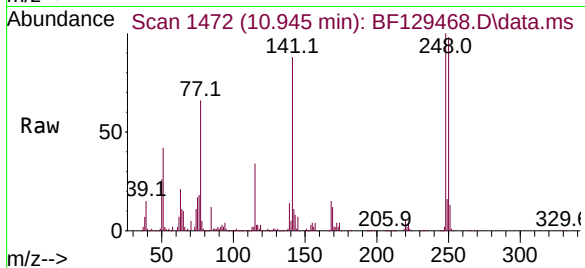
Tgt Ion:169 Resp: 1021841
Ion Ratio Lower Upper
169 100
168 66.0 50.1 75.1
167 36.3 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 44.256 ng
RT: 10.945 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

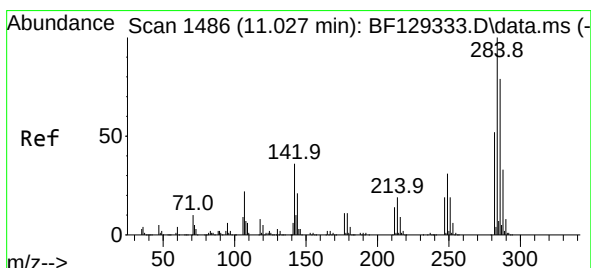
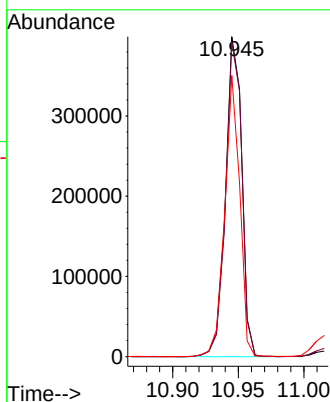
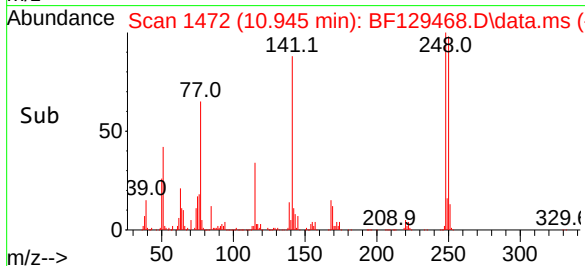
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



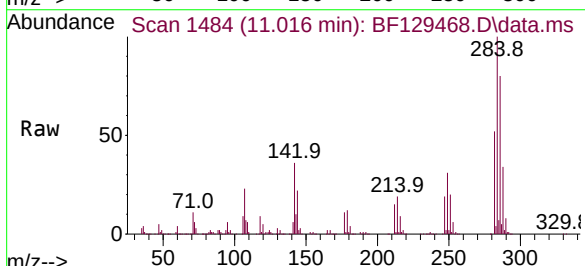
Tgt Ion:248 Resp: 345626
Ion Ratio Lower Upper
248 100
250 98.3 80.6 120.8
141 87.8 58.9 88.3

Manual Integrations
APPROVED

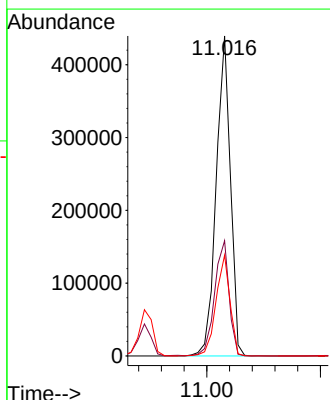
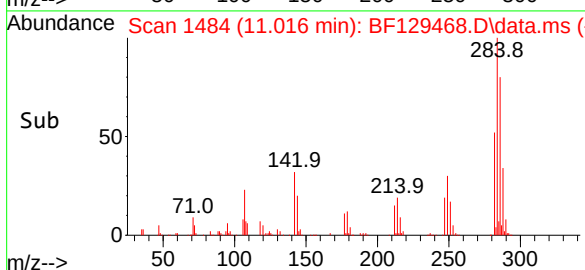
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

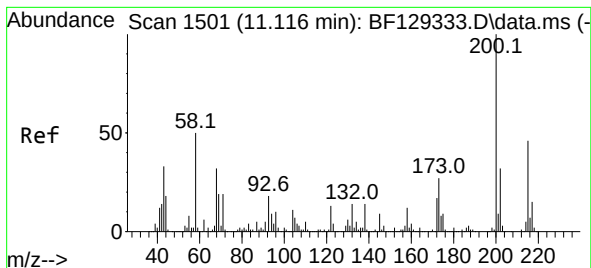


#68
Hexachlorobenzene
Concen: 45.019 ng
RT: 11.016 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



Tgt Ion:284 Resp: 380955
Ion Ratio Lower Upper
284 100
142 36.0 29.0 43.4
249 31.5 25.0 37.6





#69

Atrazine

Concen: 47.176 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129468.D

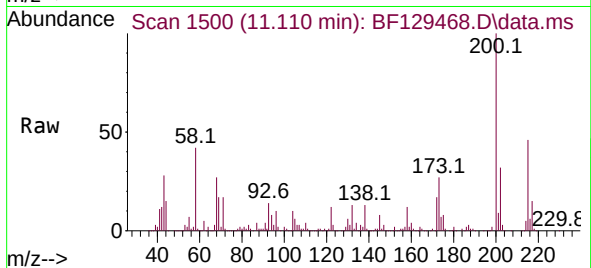
Acq: 01 Aug 2022 12:14

Instrument :

BNA_F

ClientSampleId :

PB146583BSD



Tgt Ion:200 Resp: 340342

Ion Ratio Lower Upper

200 100

173 27.1 6.3 46.3

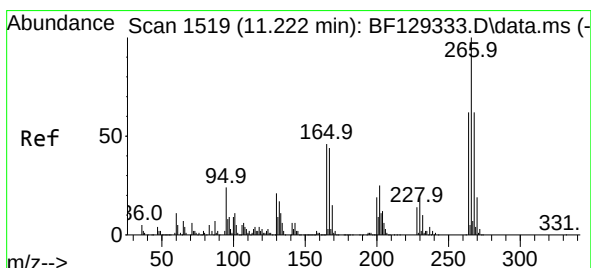
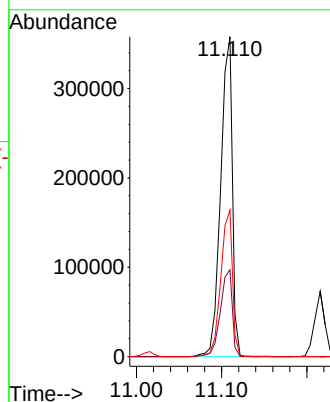
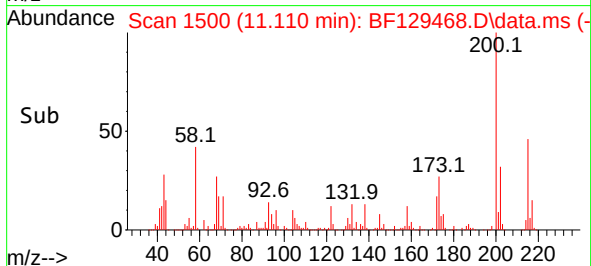
215 45.8 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/02/2022

Supervised By :Jagrut Upadhyay 08/02/2022



#70

Pentachlorophenol

Concen: 74.312 ng

RT: 11.216 min Scan# 1518

Delta R.T. 0.006 min

Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

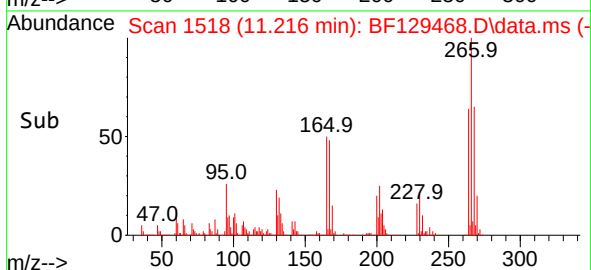
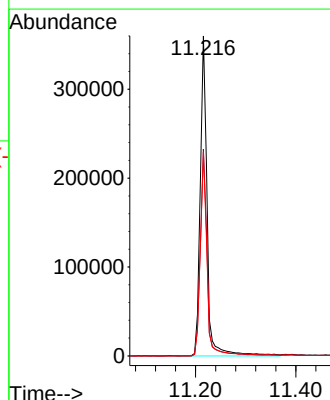
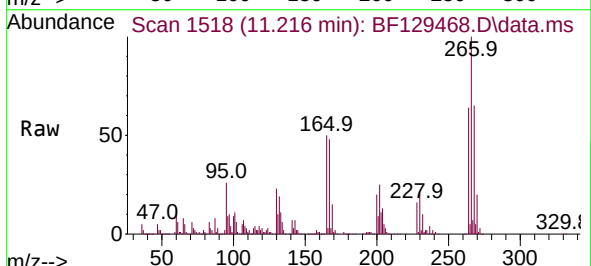
Tgt Ion:266 Resp: 341852

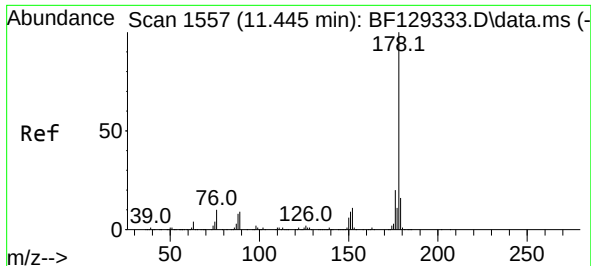
Ion Ratio Lower Upper

266 100

268 64.6 51.0 76.4

264 63.8 49.4 74.2





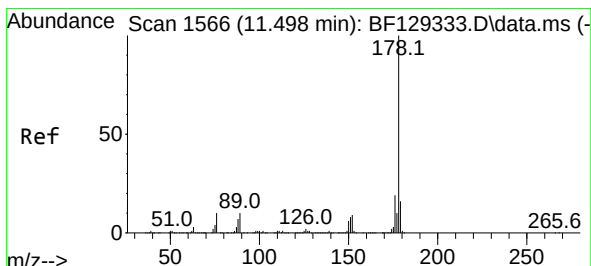
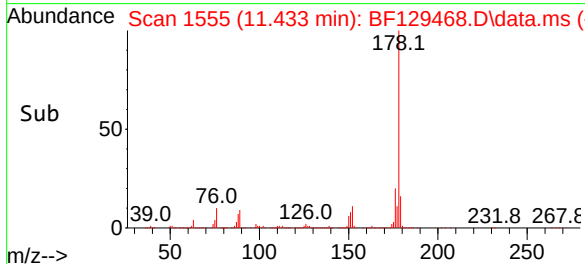
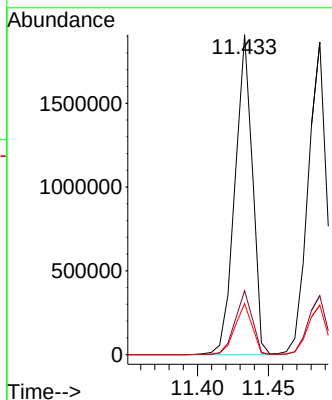
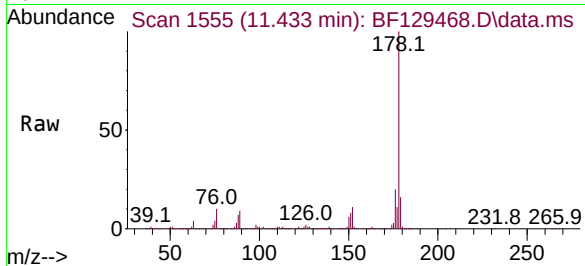
#71
Phenanthrene
Concen: 41.856 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Instrument :
BNA_F
ClientSampleId :
PB146583BSD

Tgt Ion:178 Resp: 1629500
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.9 12.6 19.0

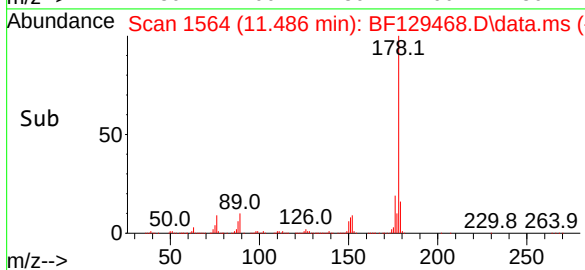
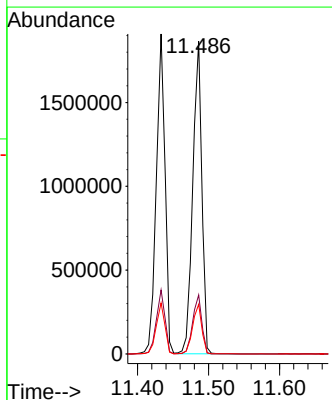
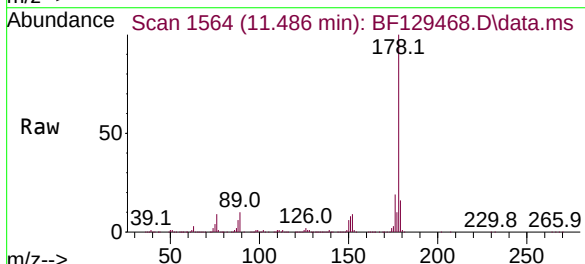
Manual Integrations
APPROVED

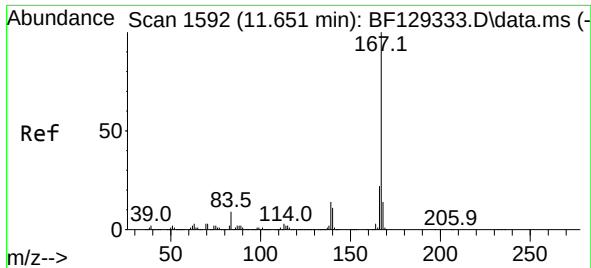
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#72
Anthracene
Concen: 43.432 ng
RT: 11.486 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

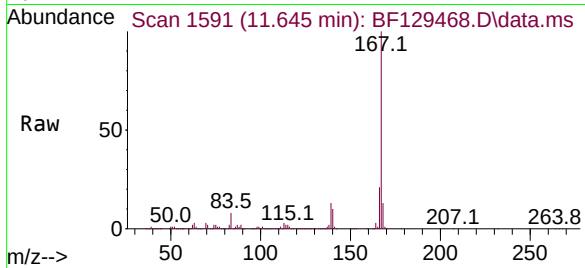
Tgt Ion:178 Resp: 1661620
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 43.524 ng
 RT: 11.645 min Scan# 1592
 Delta R.T. 0.006 min
 Lab File: BF129468.D
 Acq: 01 Aug 2022 12:14

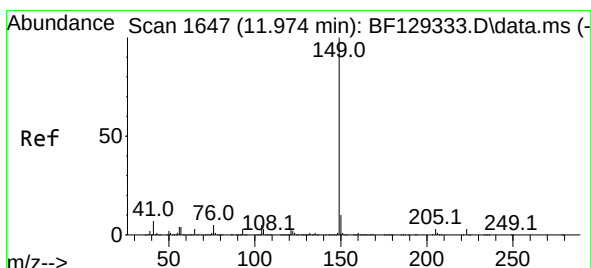
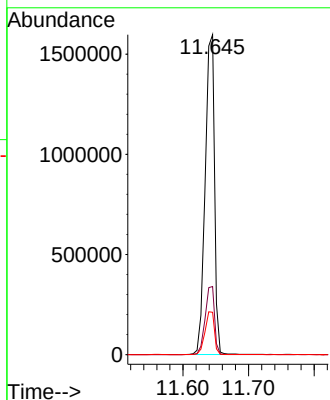
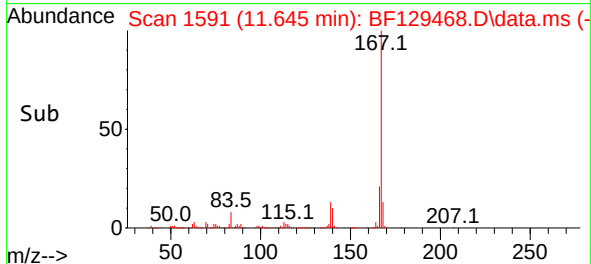
Instrument :
 BNA_F
 ClientSampleId :
 PB146583BSD



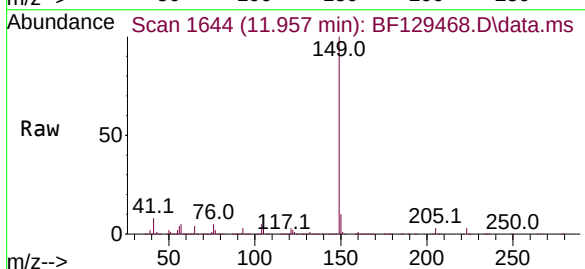
Tgt Ion:167 Resp: 1567494
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.7 26.5
 139 13.2 11.2 16.8

Manual Integrations
 APPROVED

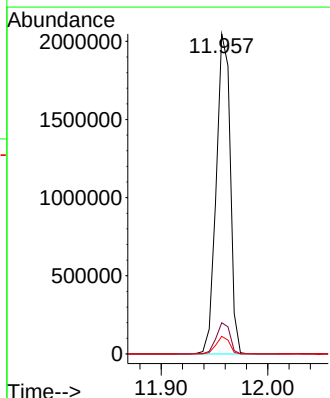
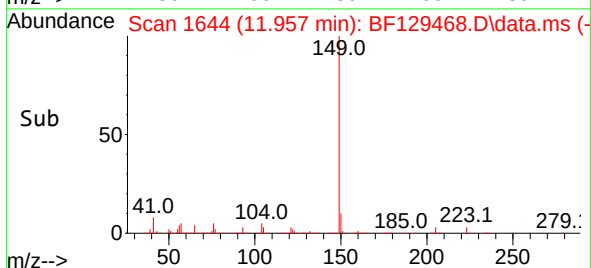
Reviewed By :Christian Giraldo 08/02/2022
 Supervised By :Jagrut Upadhyay 08/02/2022

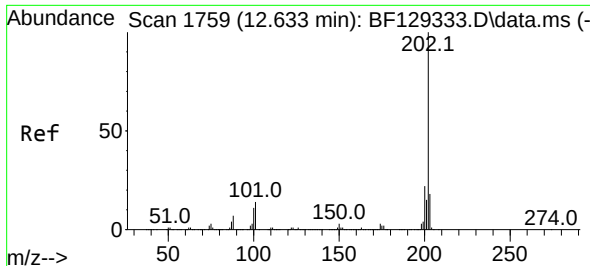


#74
 Di-n-butylphthalate
 Concen: 43.685 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: BF129468.D
 Acq: 01 Aug 2022 12:14



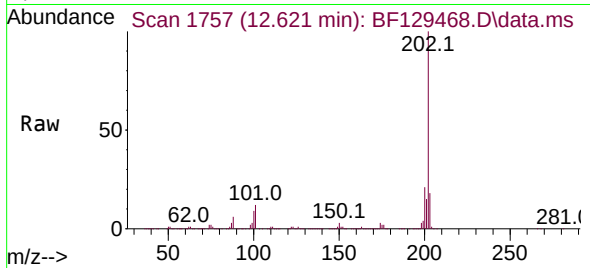
Tgt Ion:149 Resp: 1873605
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 43.268 ng
RT: 12.621 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

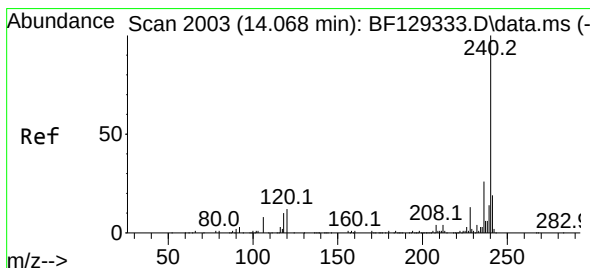
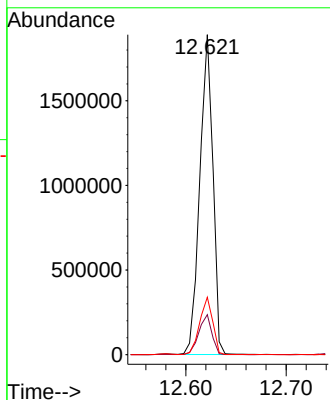
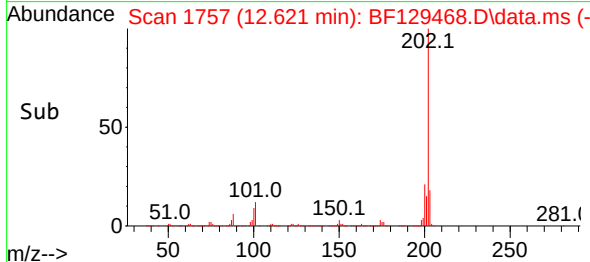
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



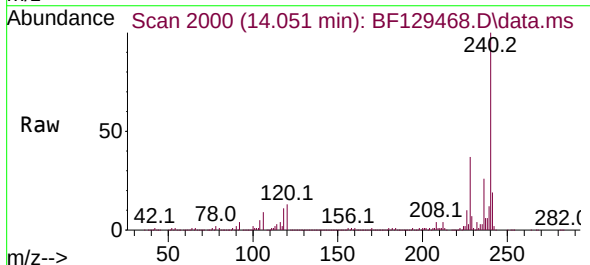
Tgt Ion:202 Resp: 1706763
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.4
203 17.9 0.0 38.0

Manual Integrations
APPROVED

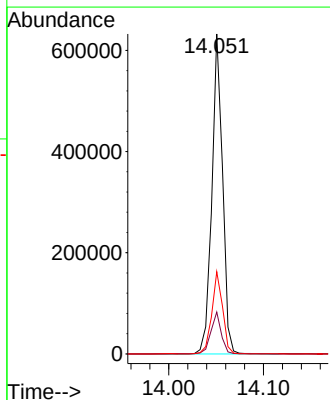
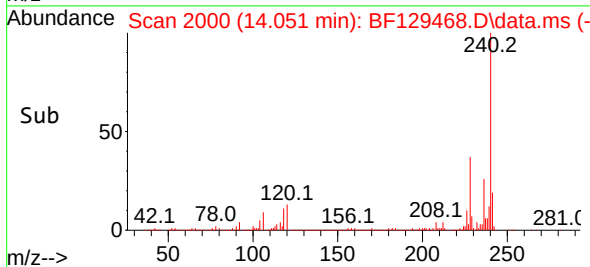
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

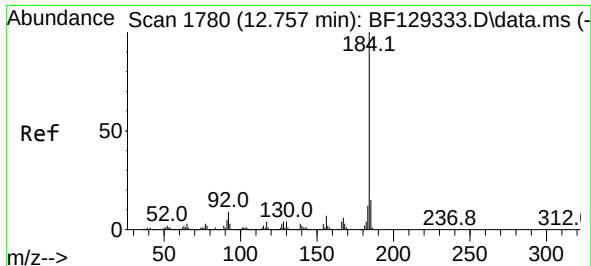


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



Tgt Ion:240 Resp: 497290
Ion Ratio Lower Upper
240 100
120 13.1 8.9 13.3
236 25.7 20.8 31.2





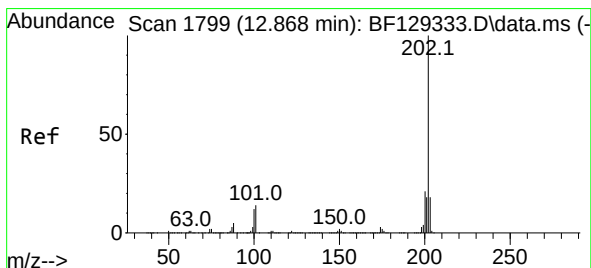
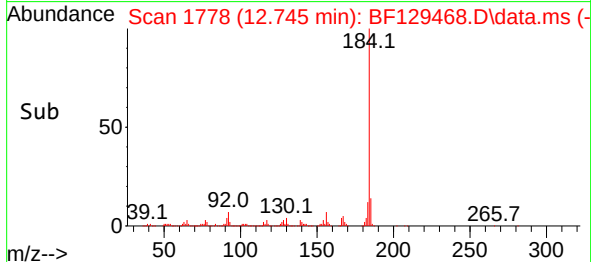
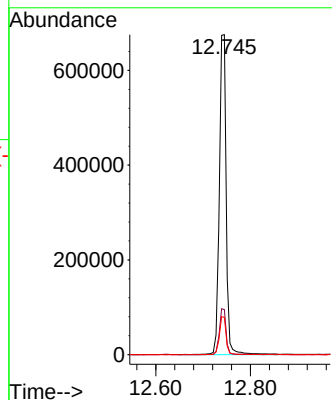
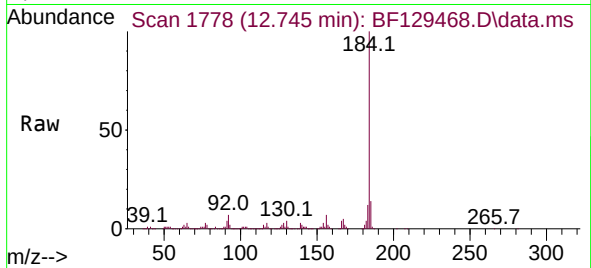
#77
Benzidine
Concen: 38.306 ng
RT: 12.745 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Instrument :
BNA_F
ClientSampleId :
PB146583BSD

Tgt Ion:184 Resp: 672963
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 11.6 9.3 13.9

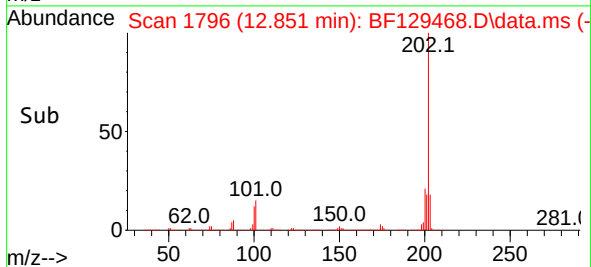
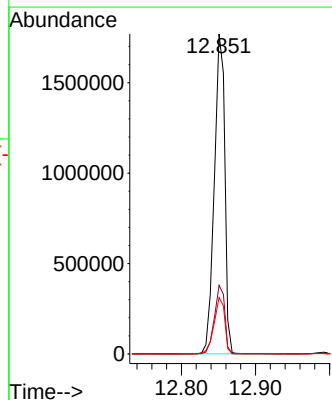
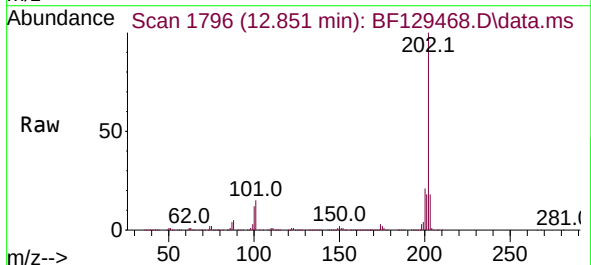
Manual Integrations
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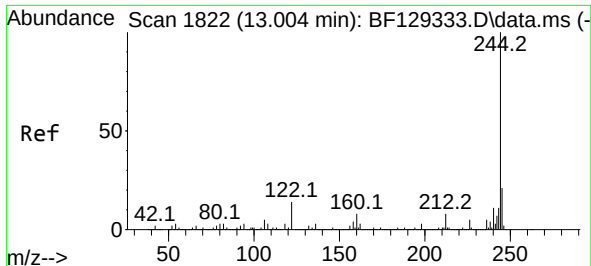
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#78
Pyrene
Concen: 41.894 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

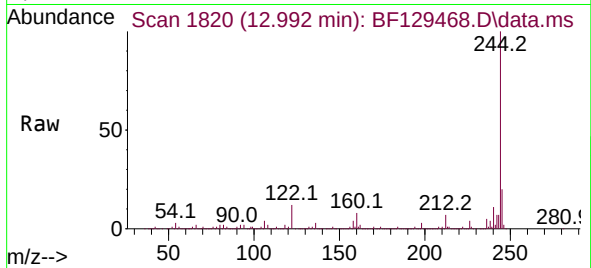
Tgt Ion:202 Resp: 1742137
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 17.6 14.6 21.8





#79
Terphenyl-d14
Concen: 90.129 ng
RT: 12.992 min Scan# 1822
Delta R.T. 0.006 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

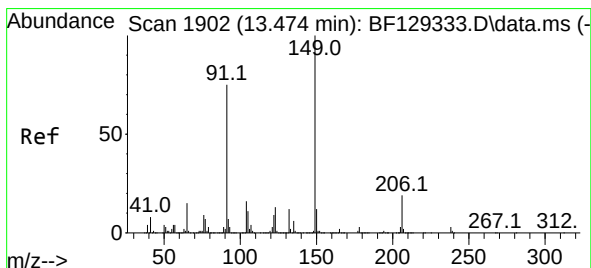
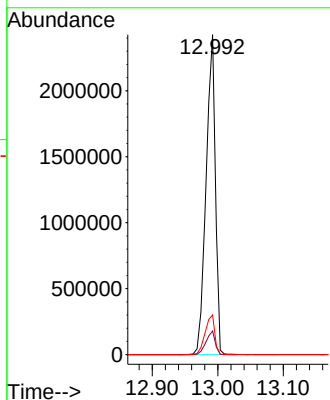
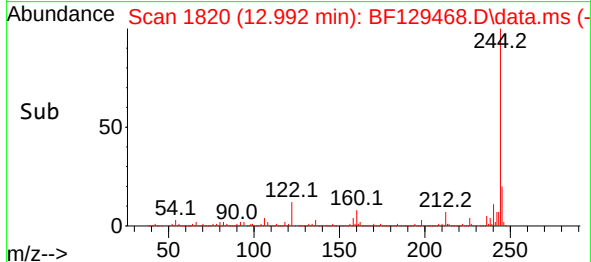
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



Tgt Ion:244 Resp: 2375740
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 12.4 8.8 13.2

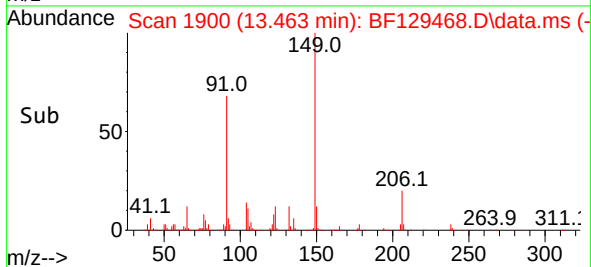
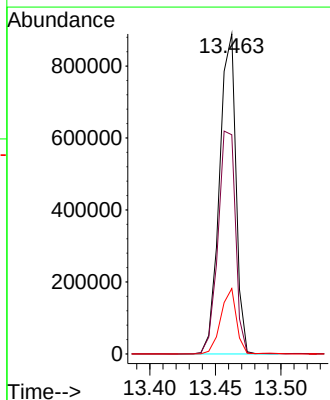
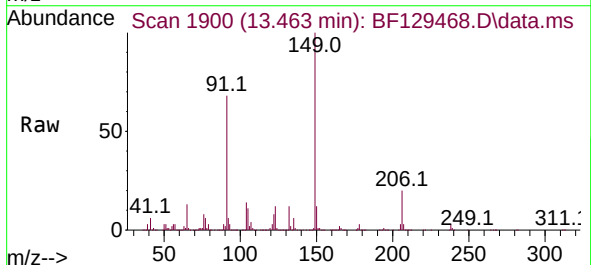
Manual Integrations
APPROVED

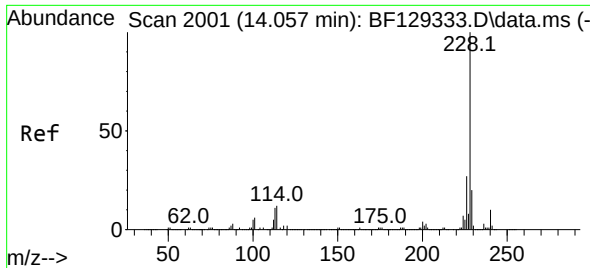
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#80
Butylbenzylphthalate
Concen: 43.289 ng
RT: 13.463 min Scan# 1900
Delta R.T. 0.006 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Tgt Ion:149 Resp: 780822
Ion Ratio Lower Upper
149 100
91 68.5 61.2 91.8
206 20.5 15.7 23.5





#81
Benzo(a)anthracene
Concen: 43.308 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Instrument :

BNA_F

ClientSampleId :

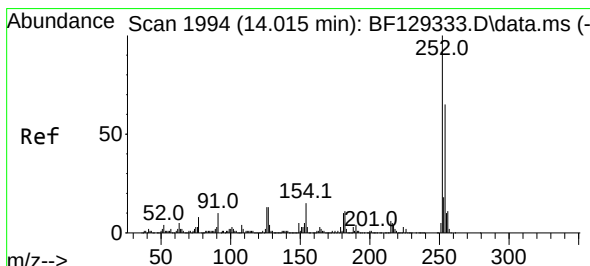
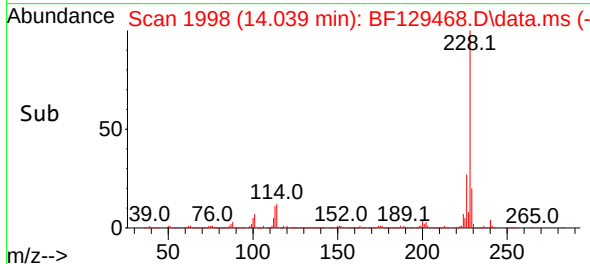
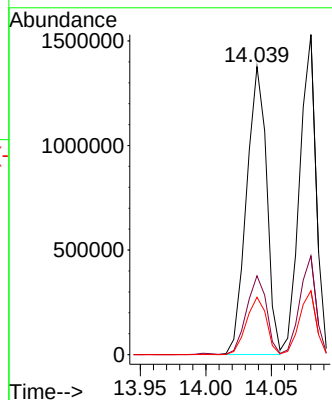
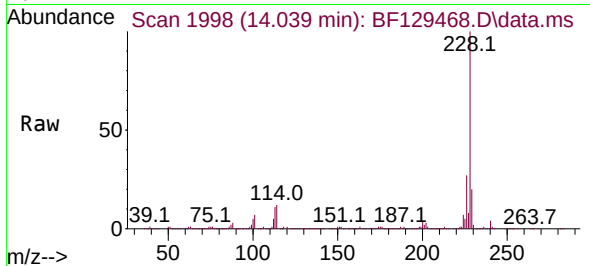
PB146583BSD

Tgt Ion:228 Resp: 1471165
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.9 15.8 23.8

Manual Integrations

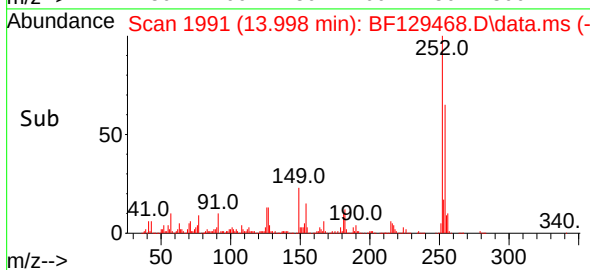
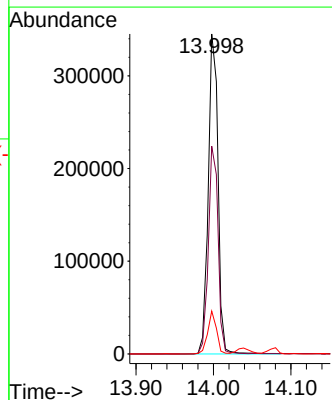
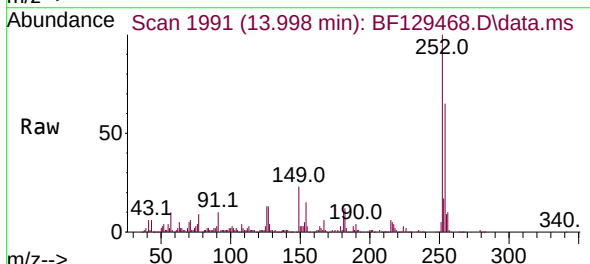
APPROVED

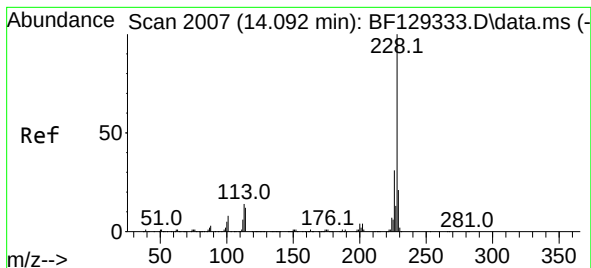
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#82
3,3'-Dichlorobenzidine
Concen: 26.870 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Tgt Ion:252 Resp: 301366
Ion Ratio Lower Upper
252 100
254 64.9 50.2 75.4
126 13.4 8.2 12.4





#83

Chrysene

Concen: 41.910 ng

RT: 14.080 min Scan# 2007

Delta R.T. 0.006 min

Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

Instrument :

BNA_F

ClientSampleId :

PB146583BSD

Tgt Ion:228 Resp: 134174

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

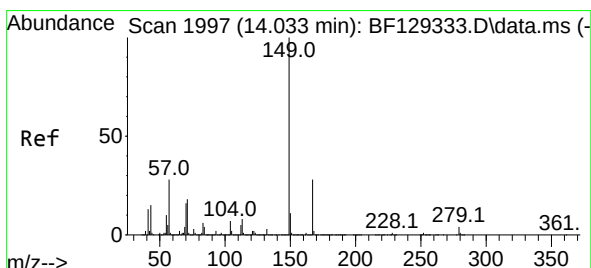
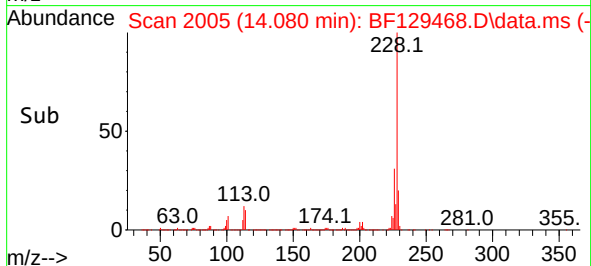
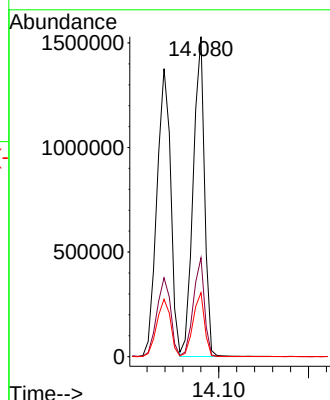
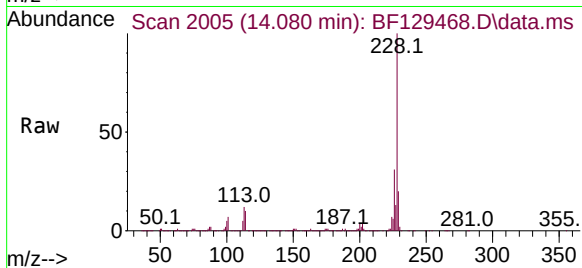
229 20.0 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 08/02/2022

Supervised By :Jagrut Upadhyay 08/02/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.383 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

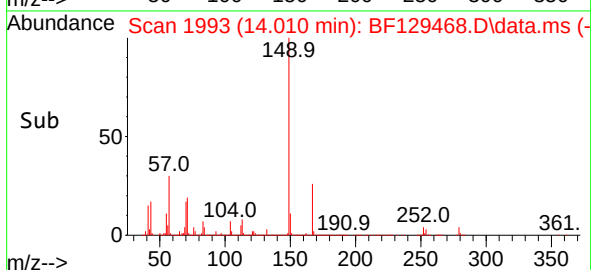
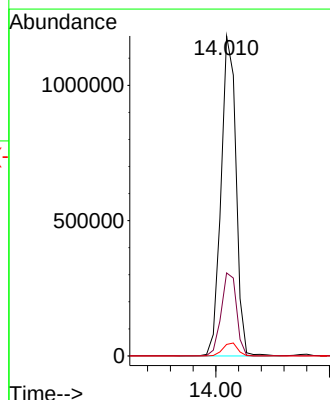
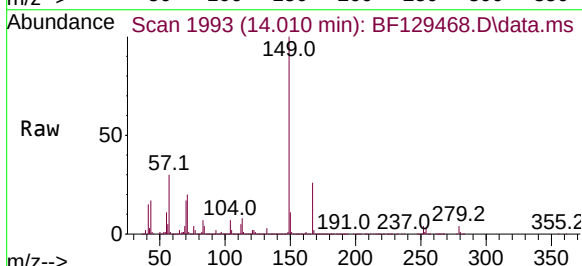
Tgt Ion:149 Resp: 1077694

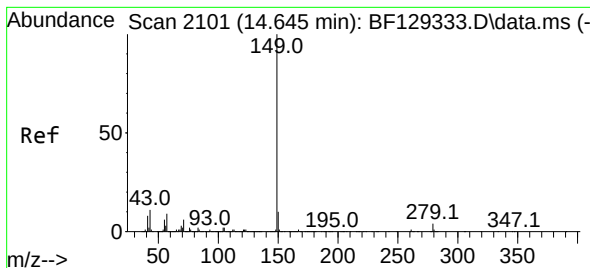
Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

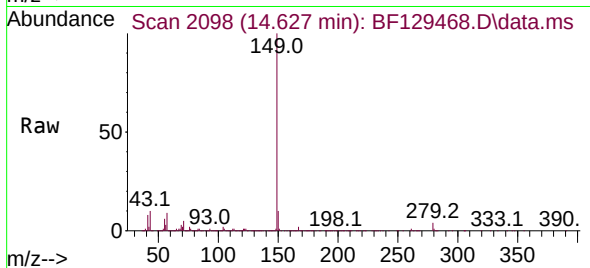
279 3.6 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 47.875 ng
RT: 14.627 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

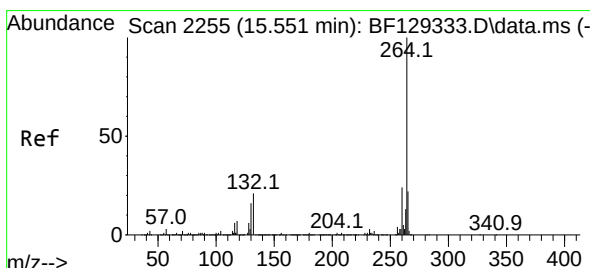
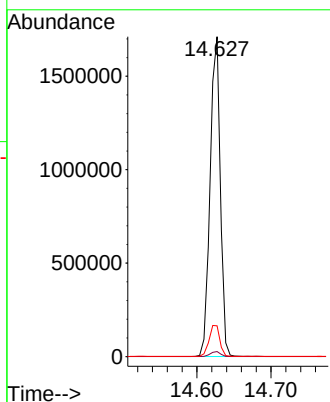
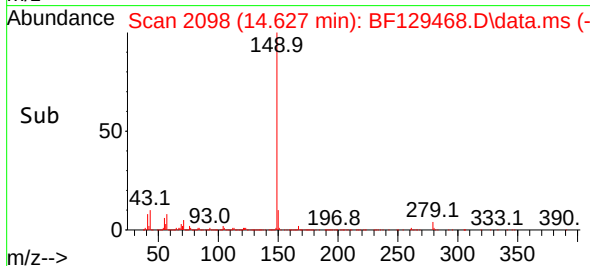
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



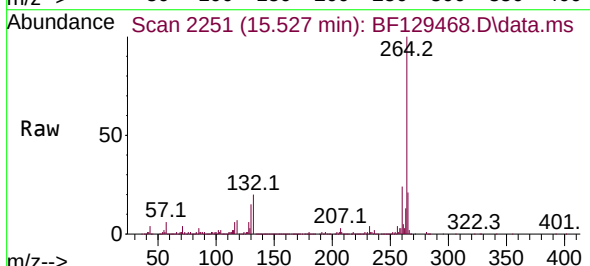
Tgt Ion:149 Resp: 163598
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 9.2 13.8

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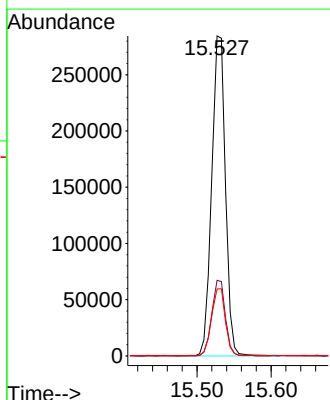
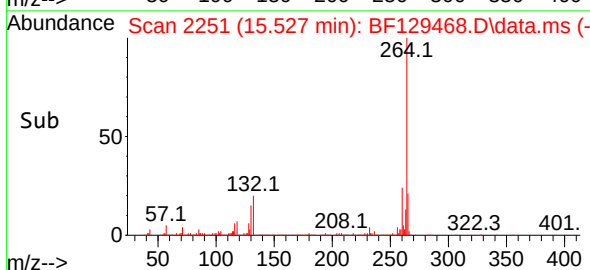
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

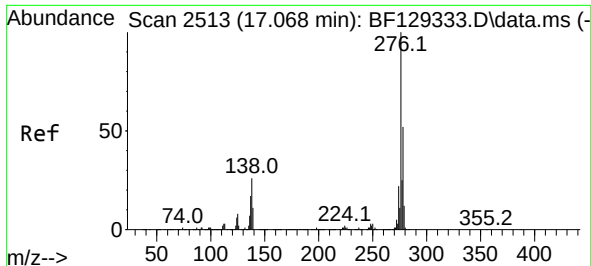


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14



Tgt Ion:264 Resp: 366598
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 20.9 17.2 25.8





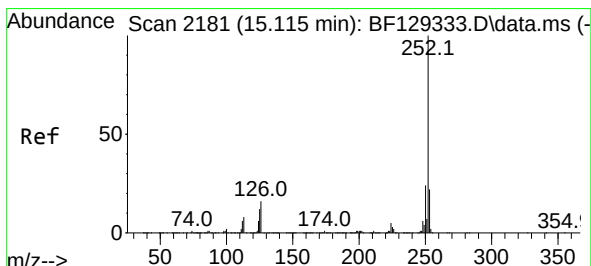
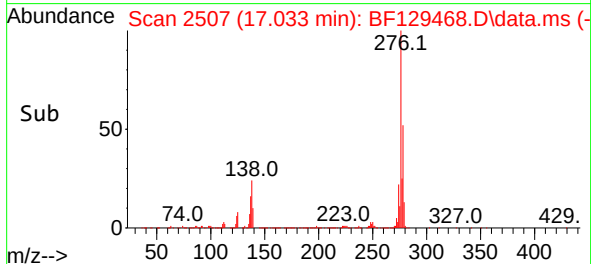
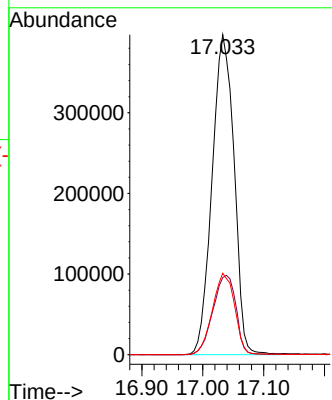
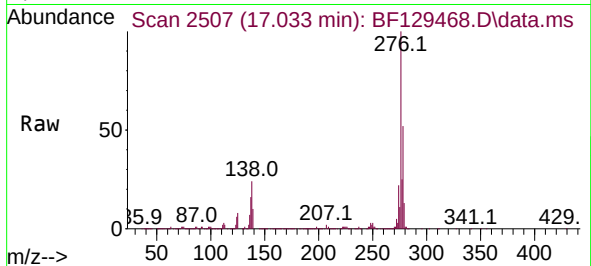
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.362 ng
RT: 17.033 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Instrument :
BNA_F
ClientSampleId :
PB146583BSD

Tgt Ion:276 Resp: 996422
Ion Ratio Lower Upper
276 100
138 26.0 21.1 31.7
277 25.7 20.3 30.5

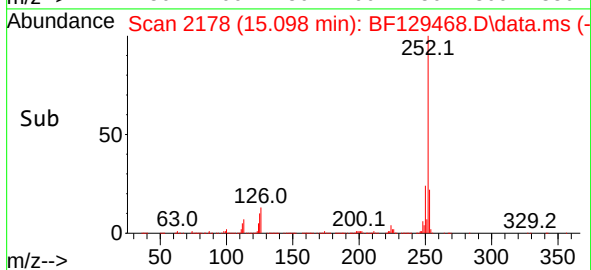
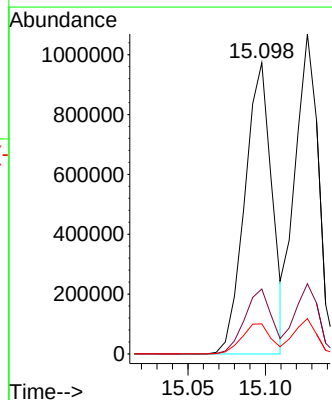
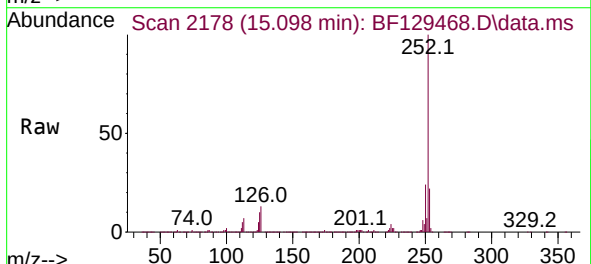
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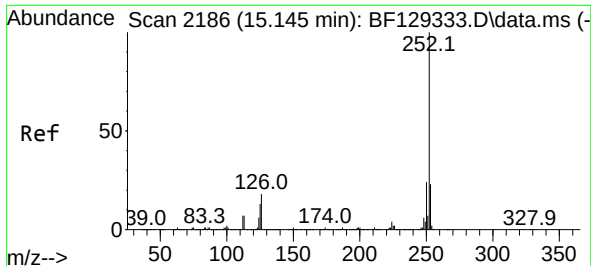
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#88
Benzo(b)fluoranthene
Concen: 48.751 ng
RT: 15.098 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Tgt Ion:252 Resp: 1185516
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 47.160 ng

RT: 15.127 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

Instrument :

BNA_F

ClientSampleId :

PB146583BSD

Tgt Ion:252 Resp: 1123839

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

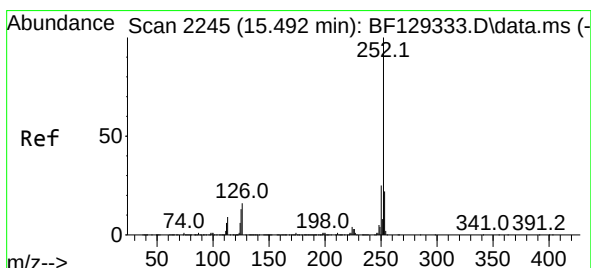
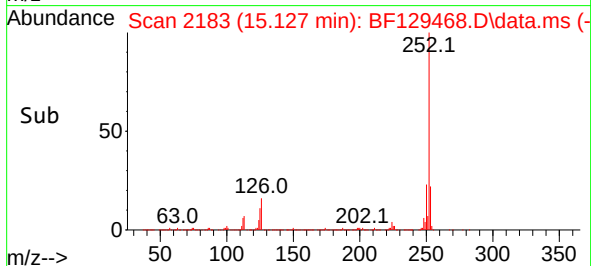
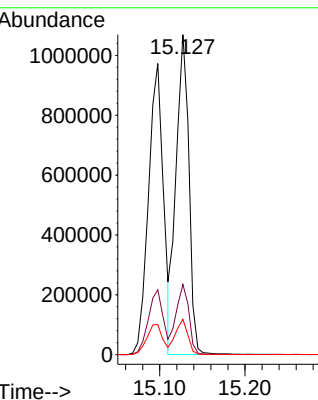
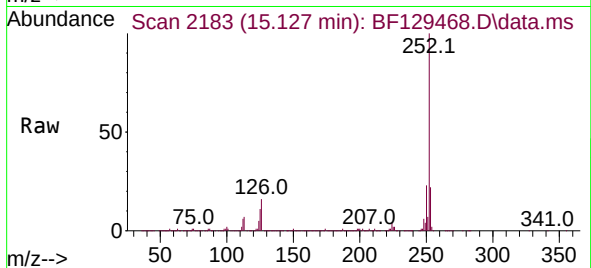
125 11.0 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/02/2022

Supervised By :Jagrut Upadhyay 08/02/2022



#90

Benzo(a)pyrene

Concen: 52.544 ng

RT: 15.468 min Scan# 2241

Delta R.T. -0.000 min

Lab File: BF129468.D

Acq: 01 Aug 2022 12:14

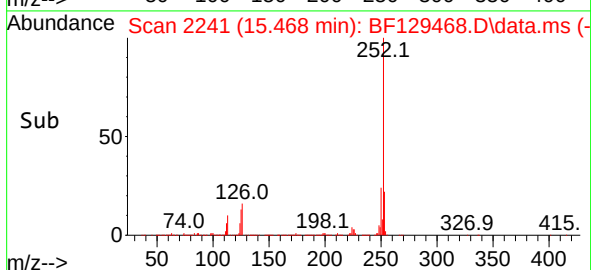
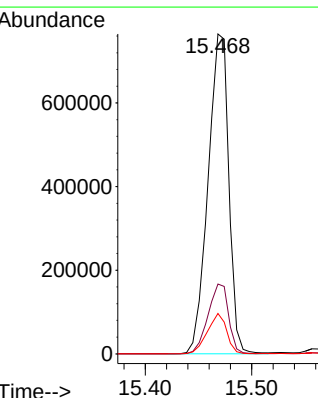
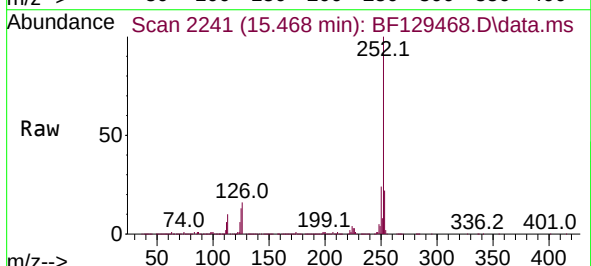
Tgt Ion:252 Resp: 1037244

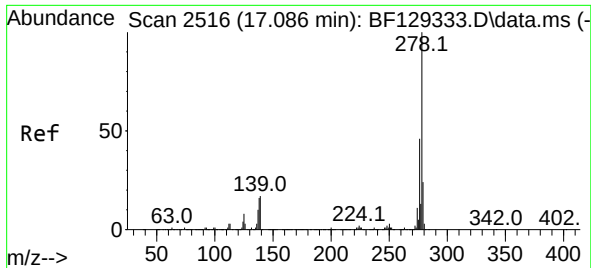
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

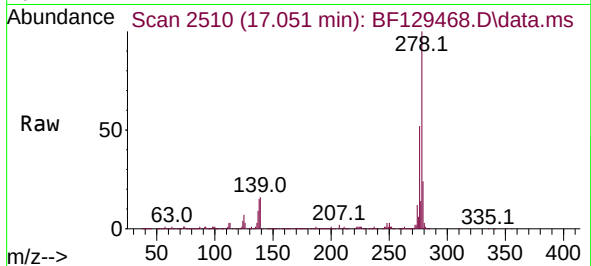
125 12.6 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 42.760 ng
RT: 17.051 min Scan# 2516
Delta R.T. 0.006 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

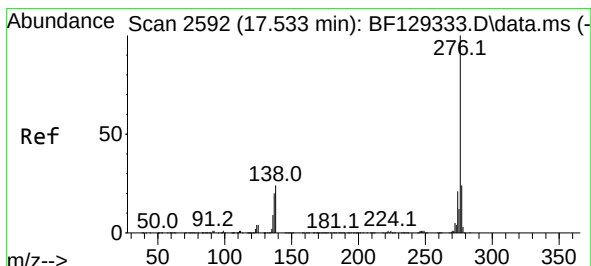
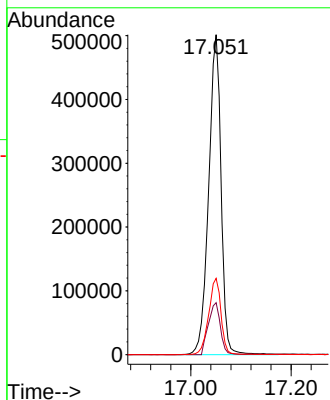
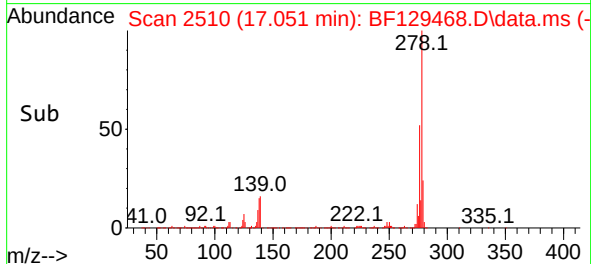
Instrument :
BNA_F
ClientSampleId :
PB146583BSD



Tgt Ion:278 Resp: 859182
Ion Ratio Lower Upper
278 100
139 16.2 12.8 19.2
279 23.8 18.6 28.0

Manual Integrations
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Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#92
Benzo(g,h,i)perylene
Concen: 43.507 ng
RT: 17.492 min Scan# 2585
Delta R.T. -0.000 min
Lab File: BF129468.D
Acq: 01 Aug 2022 12:14

Tgt Ion:276 Resp: 893279
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 22.6 18.0 27.0

