

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
 Data File : BF131467.D
 Acq On : 30 Nov 2022 10:35
 Operator : CG\JU
 Sample : PB149334BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149334BL

Quant Time: Dec 01 01:11:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 01:09:58 2022
 Response via : Initial Calibration

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

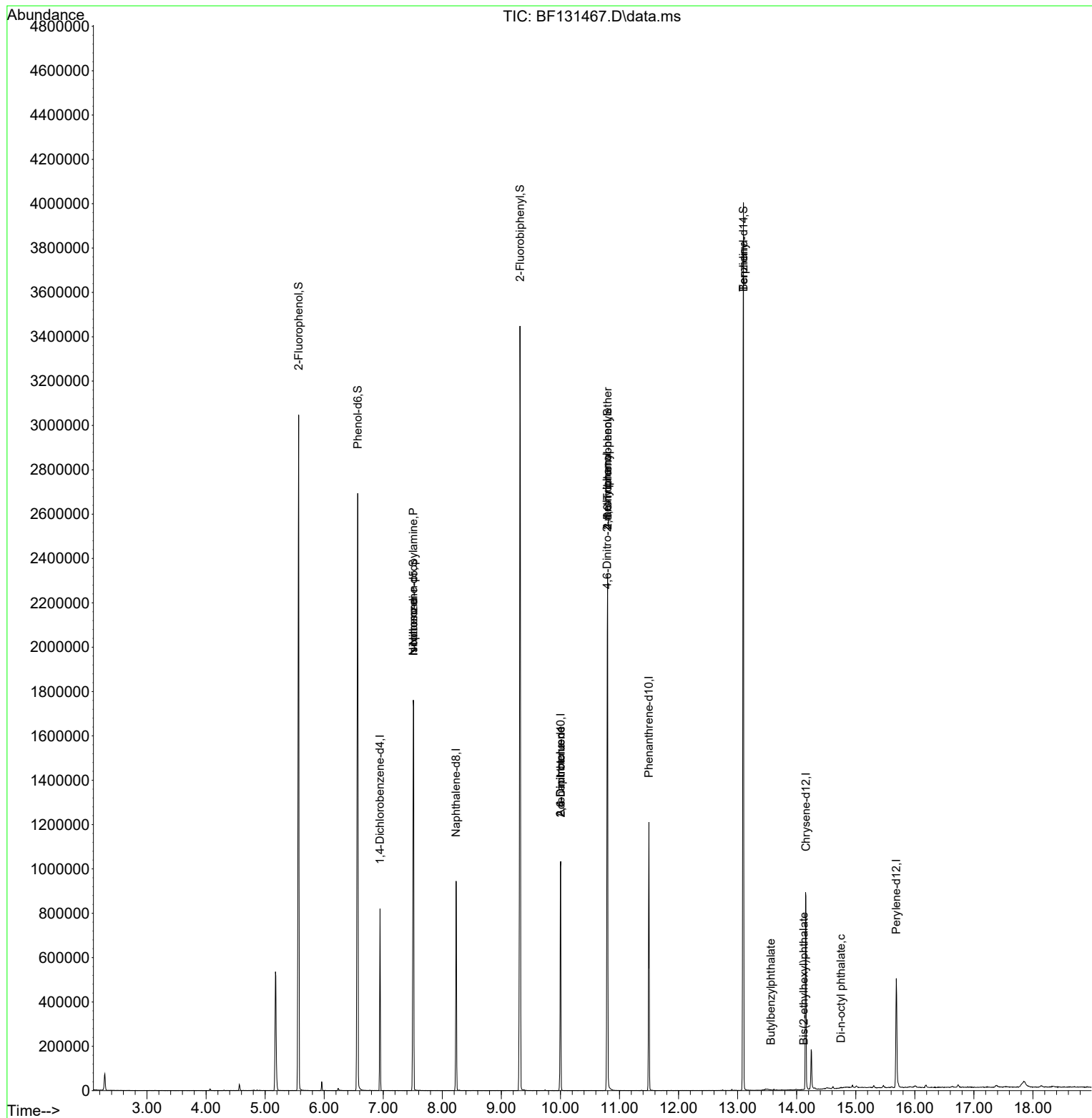
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	110781	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	412853	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	229315	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	431502	20.000	ng	0.00
76) Chrysene-d12	14.157	240	334509	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	244022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	854918	146.875	ng	0.01
7) Phenol-d6	6.569	99	1073035	144.486	ng	0.00
23) Nitrobenzene-d5	7.510	82	677293	82.696	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	304073	157.612	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1244485	78.953	ng	0.00
79) Terphenyl-d14	13.098	244	1496654	73.165	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.569	77	1597	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.510	70	90904	16.721	ng	# 69
25) Isophorone	7.510	82	675449	46.226	ng	# 68
51) 2,6-Dinitrotoluene	10.004	165	29485	9.228	ng	# 15
57) 2,4-Dinitrotoluene	10.004	165	29485	7.334	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.792	198	683	4.987	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	19697	3.724	ng	# 1
77) Benzidine	13.098	184	17464	2.826	ng	# 94
80) Butylbenzylphthalate	13.563	149	83	4.151	ng	# 86
84) Bis(2-ethylhexyl)phtha...	14.121	149	475	3.782	ng	# 52
85) Di-n-octyl phthalate	14.751	149	1193	3.974	ng	# 85

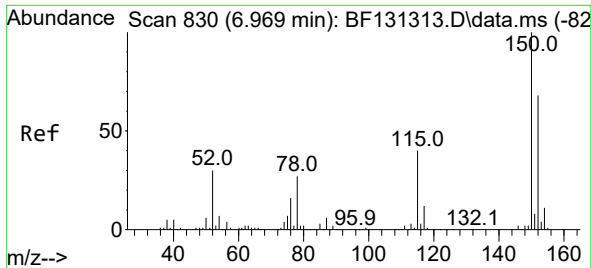
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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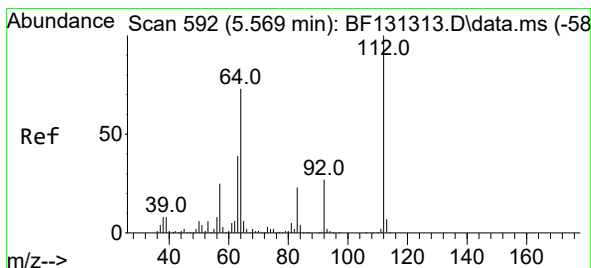
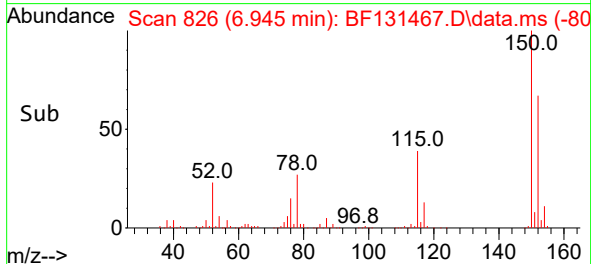
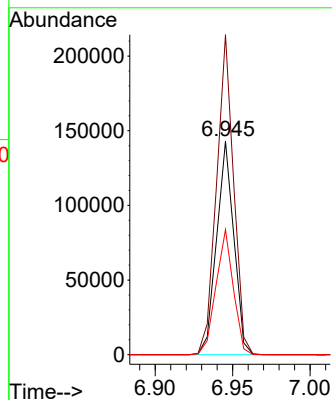
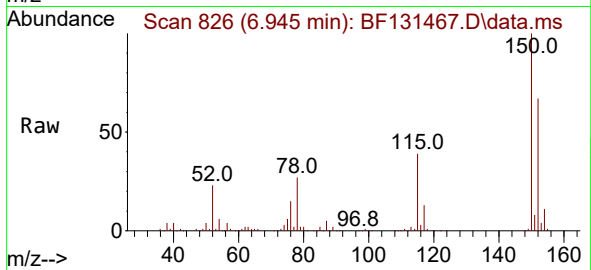




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131467.D
 Acq: 30 Nov 2022 10:35

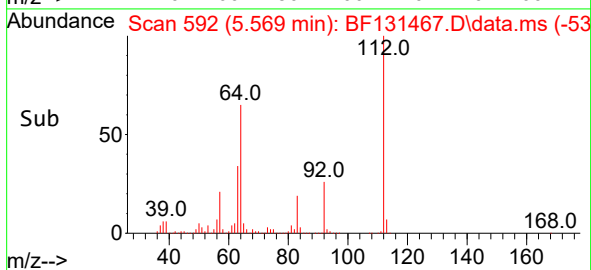
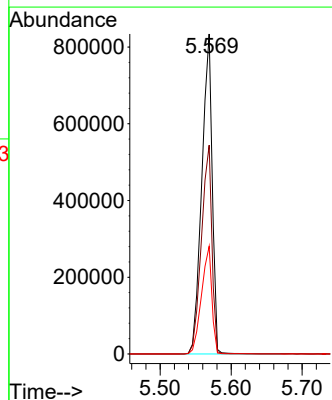
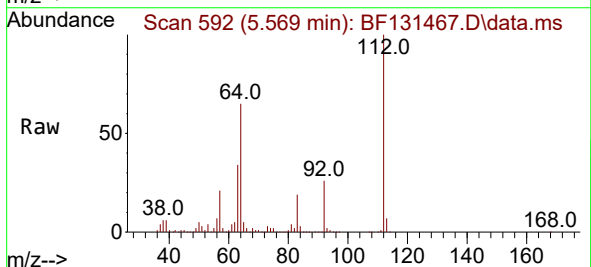
Instrument :
 BNA_F
 ClientSampleId :
 PB149334BL

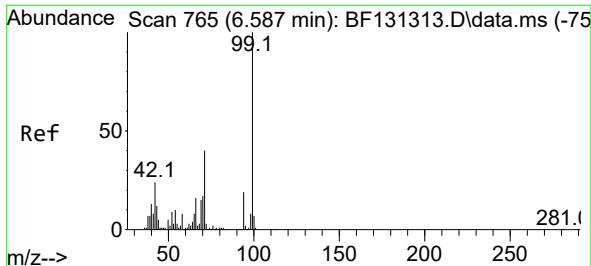
Tgt Ion:152 Resp: 110781
 Ion Ratio Lower Upper
 152 100
 150 149.8 117.8 176.8
 115 58.6 47.1 70.7



#5
 2-Fluorophenol
 Concen: 146.875 ng
 RT: 5.569 min Scan# 592
 Delta R.T. 0.012 min
 Lab File: BF131467.D
 Acq: 30 Nov 2022 10:35

Tgt Ion:112 Resp: 854918
 Ion Ratio Lower Upper
 112 100
 64 65.3 58.6 88.0
 63 33.6 31.4 47.0

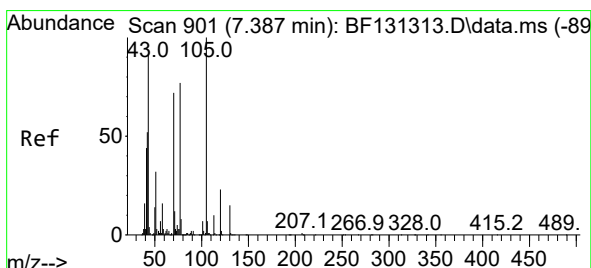
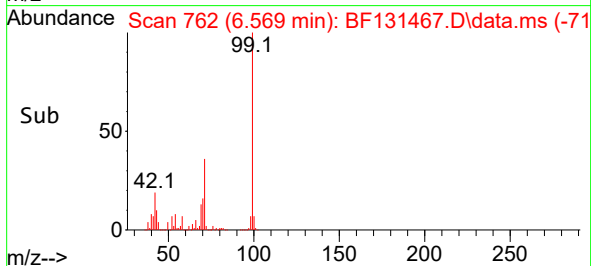
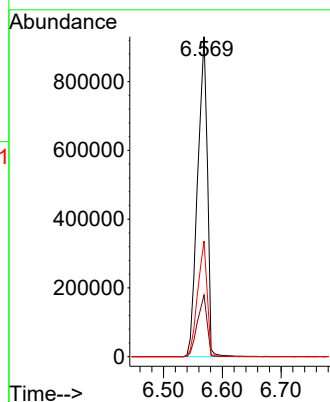
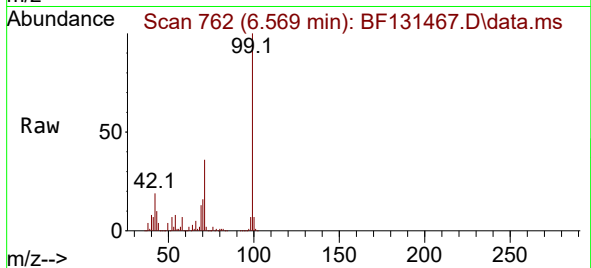




#7
Phenol-d6
Concen: 144.486 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131467.D
Acq: 30 Nov 2022 10:35

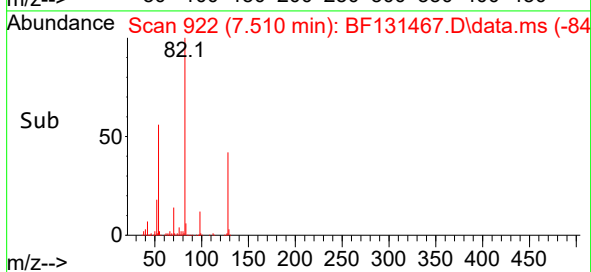
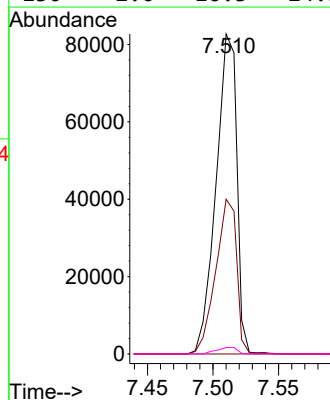
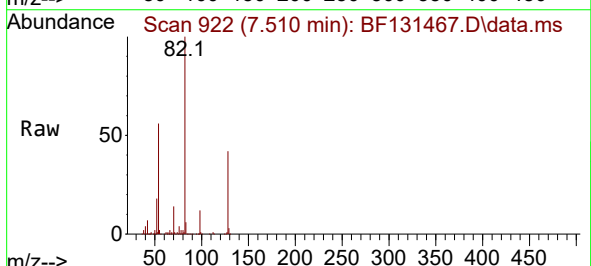
Instrument :
BNA_F
ClientSampleId :
PB149334BL

Tgt Ion: 99 Resp: 1073035
Ion Ratio Lower Upper
99 100
42 19.3 19.4 29.2#
71 36.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.721 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF131467.D
Acq: 30 Nov 2022 10:35

Tgt Ion: 70 Resp: 90904
Ion Ratio Lower Upper
70 100
42 48.4 57.6 86.4#
101 0.0 8.2 12.2#
130 2.0 16.3 24.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.234 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BF131467.D

Acq: 30 Nov 2022 10:35

Instrument :

BNA_F

ClientSampleId :

PB149334BL

Tgt Ion:136 Resp: 412853

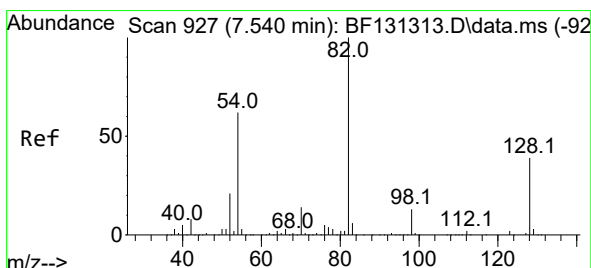
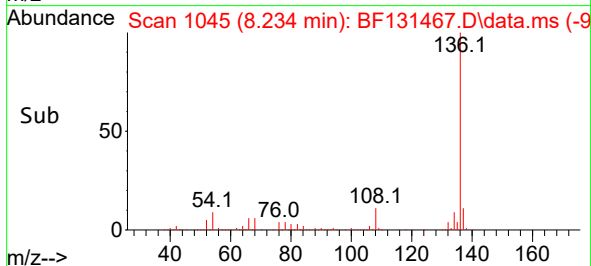
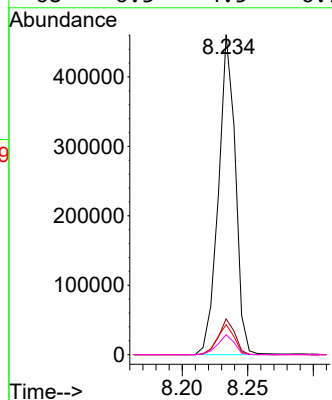
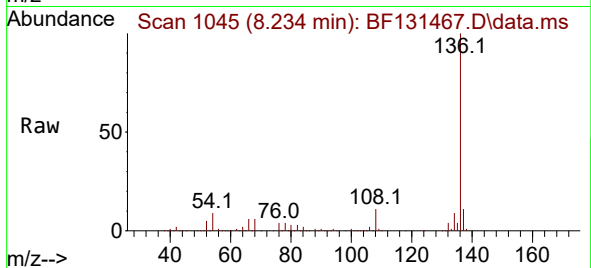
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 9.4 9.4 14.0

68 6.3 4.5 6.7



#23

Nitrobenzene-d5

Concen: 82.696 ng

RT: 7.510 min Scan# 922

Delta R.T. -0.006 min

Lab File: BF131467.D

Acq: 30 Nov 2022 10:35

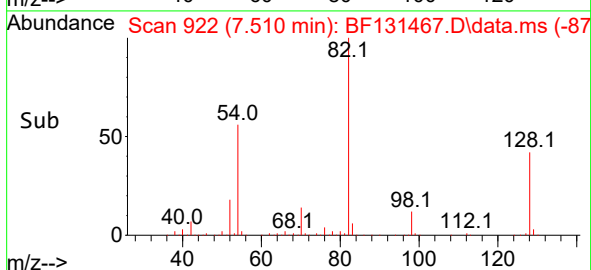
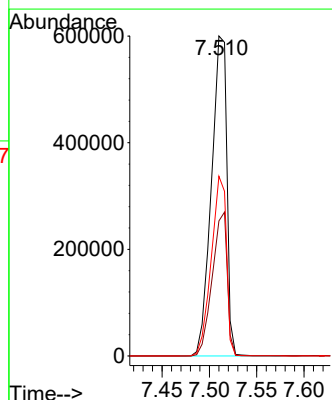
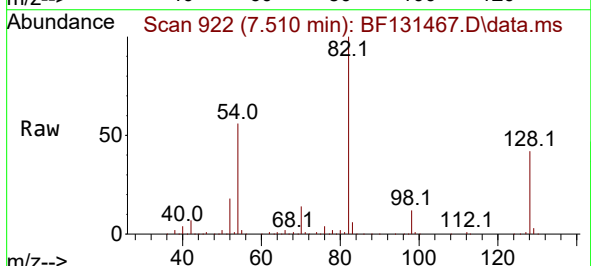
Tgt Ion: 82 Resp: 677293

Ion Ratio Lower Upper

82 100

128 42.2 31.4 47.0

54 56.1 49.8 74.6

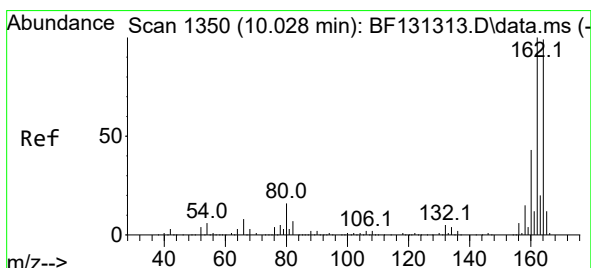
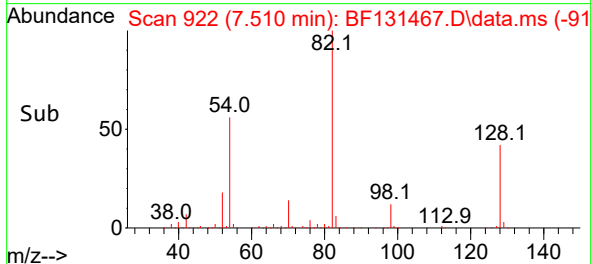
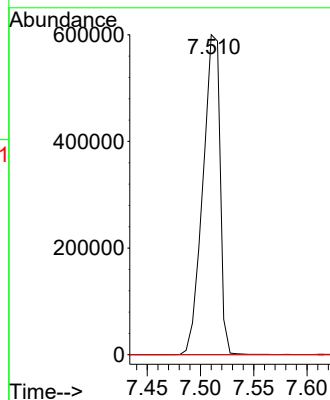
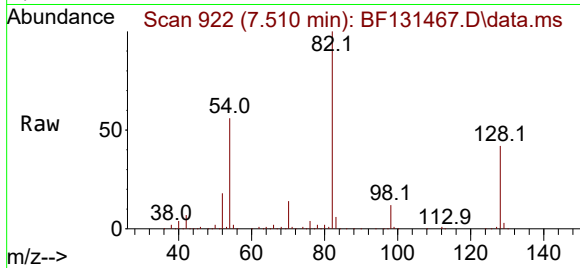




#25
Isophorone
Concen: 46.226 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131467.D
Acq: 30 Nov 2022 10:35

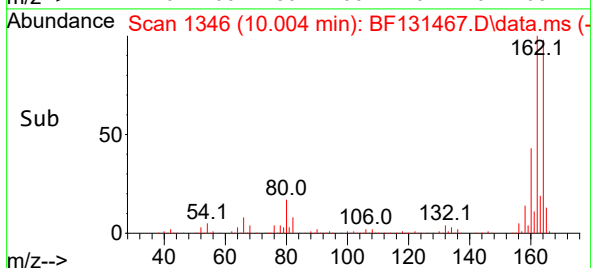
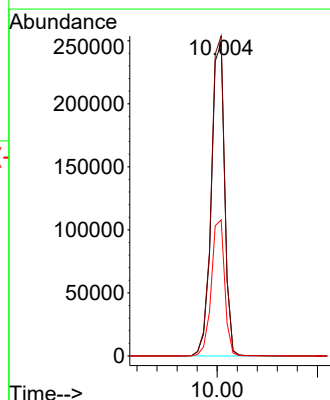
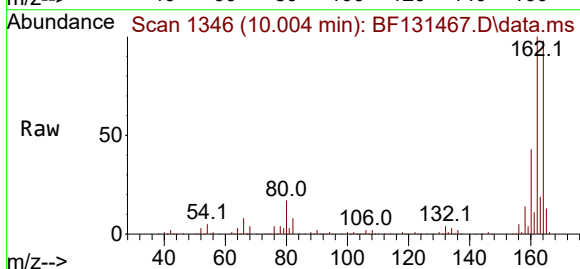
Instrument :
BNA_F
ClientSampleId :
PB149334BL

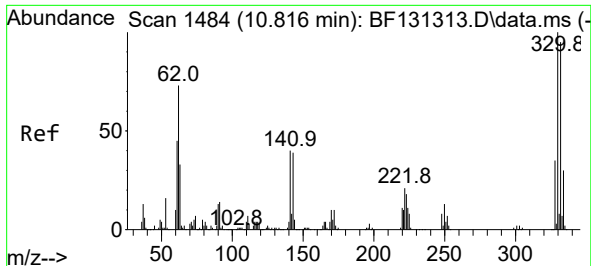
Tgt Ion: 82 Resp: 675449
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF131467.D
Acq: 30 Nov 2022 10:35

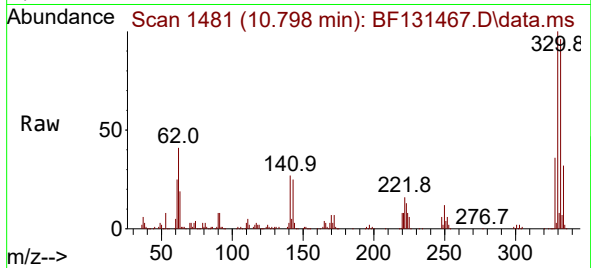
Tgt Ion:164 Resp: 229315
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 43.5 34.4 51.6



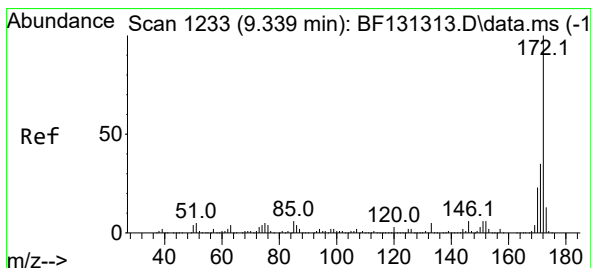
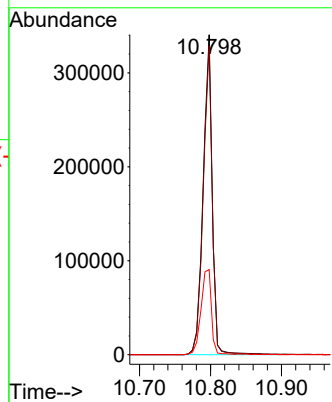
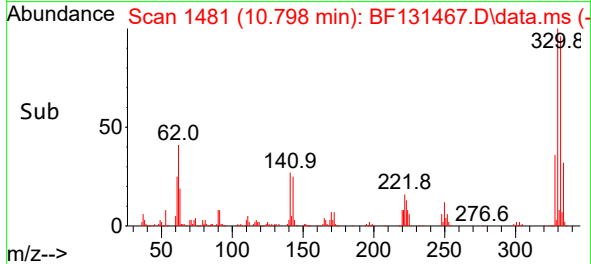


#42
2,4,6-Tribromophenol
Concen: 157.612 ng
RT: 10.798 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF131467.D
Acq: 30 Nov 2022 10:35

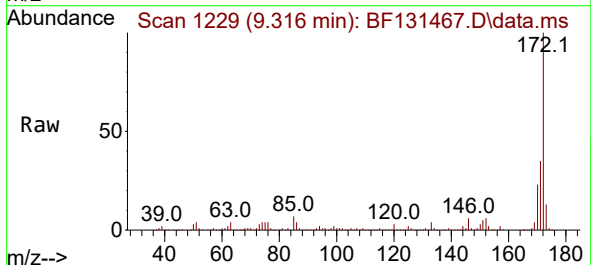
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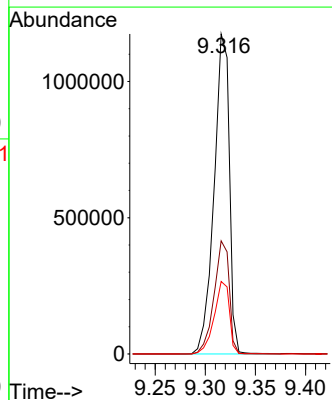
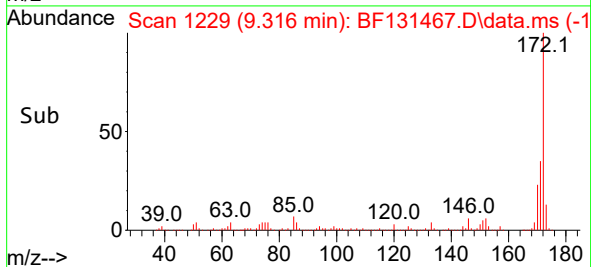
Tgt Ion:330 Resp: 304073
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 30.5 29.3 43.9

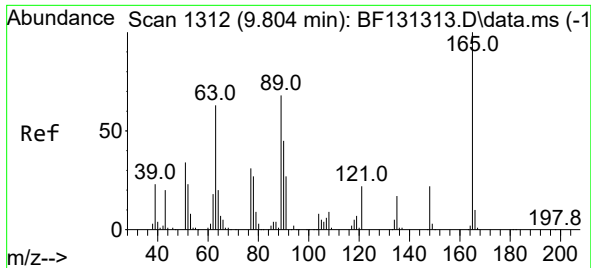


#45
2-Fluorobiphenyl
Concen: 78.953 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF131467.D
Acq: 30 Nov 2022 10:35



Tgt Ion:172 Resp: 1244485
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 22.7 18.7 28.1

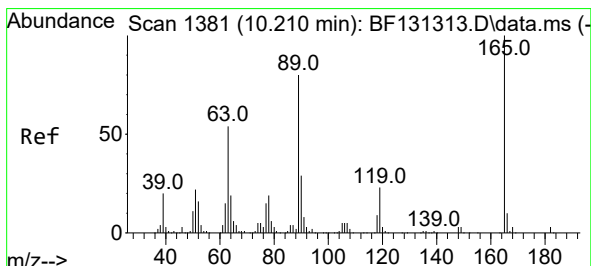
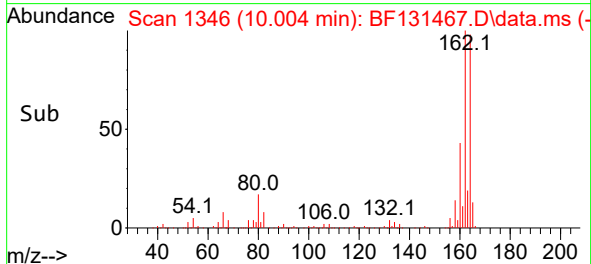
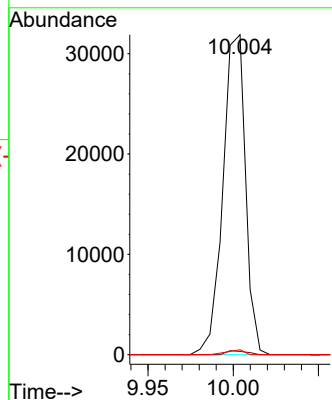
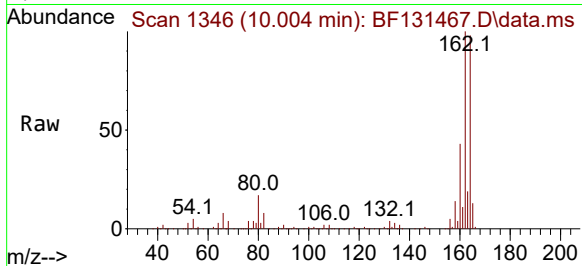




#51
2,6-Dinitrotoluene
Concen: 9.228 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF131467.D
Acq: 30 Nov 2022 10:35

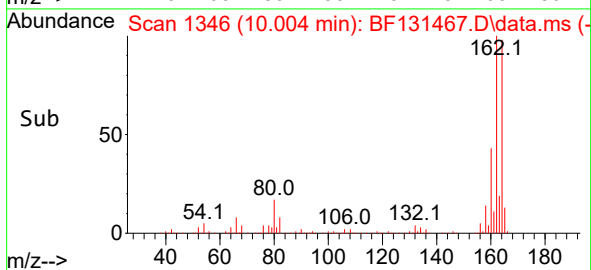
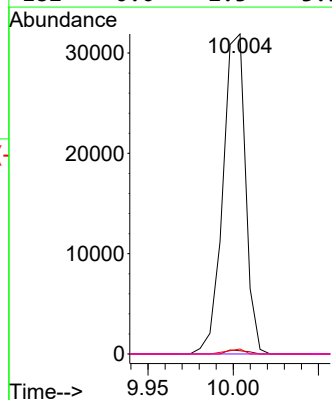
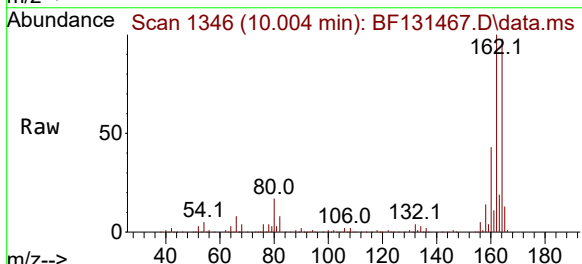
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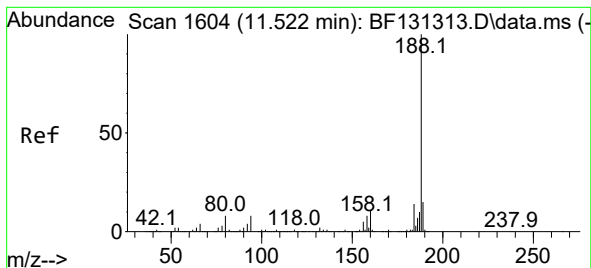
Tgt Ion:165 Resp: 29485
Ion Ratio Lower Upper
165 100
63 1.0 62.0 93.0#
89 1.6 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.334 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.188 min
Lab File: BF131467.D
Acq: 30 Nov 2022 10:35

Tgt Ion:165 Resp: 29485
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.2#
89 1.6 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131467.D

Acq: 30 Nov 2022 10:35

Instrument :

BNA_F

ClientSampleId :

PB149334BL

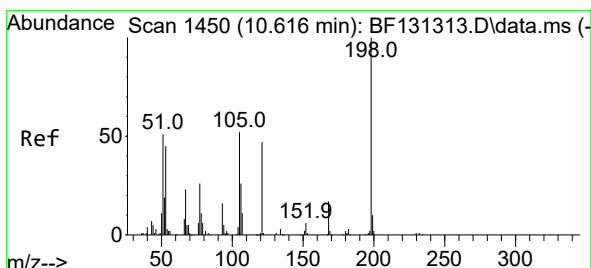
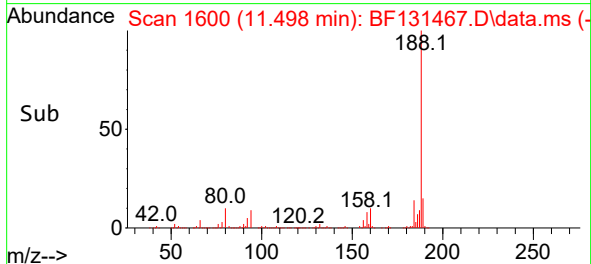
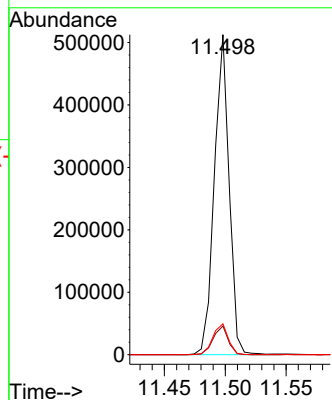
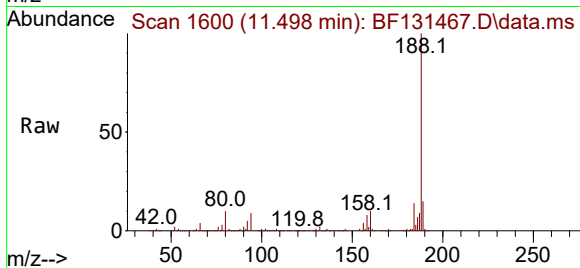
Tgt Ion:188 Resp: 431502

Ion Ratio Lower Upper

188 100

94 8.9 6.3 9.5

80 9.6 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.987 ng

RT: 10.792 min Scan# 1480

Delta R.T. 0.194 min

Lab File: BF131467.D

Acq: 30 Nov 2022 10:35

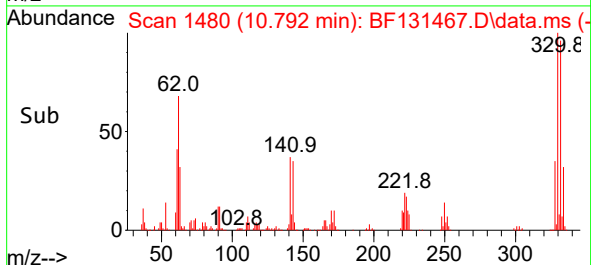
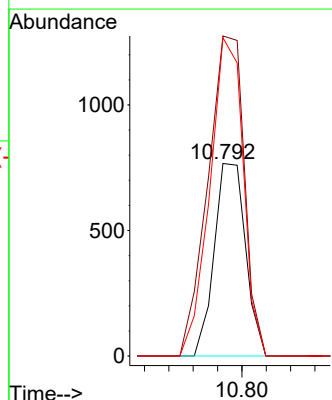
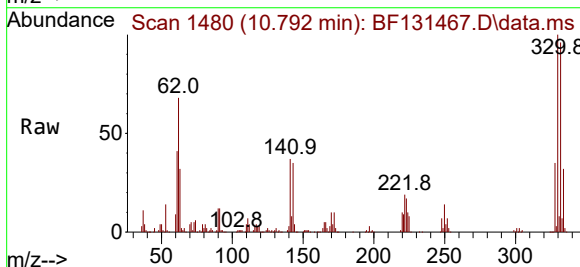
Tgt Ion:198 Resp: 683

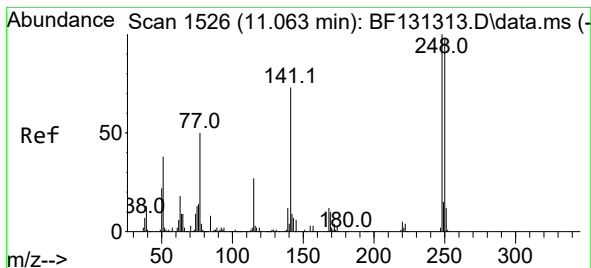
Ion Ratio Lower Upper

198 100

51 166.2 50.1 90.1#

105 165.3 32.5 72.5#

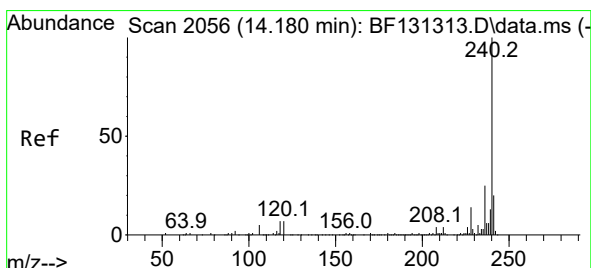
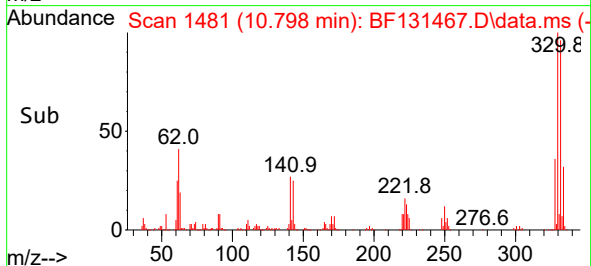
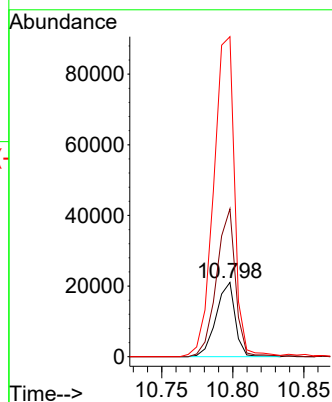
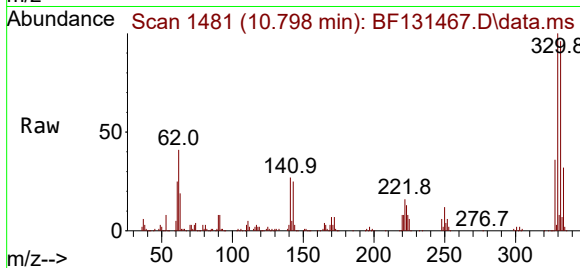




#67
4-Bromophenyl-phenylether
Concen: 3.724 ng
RT: 10.798 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131467.D
Acq: 30 Nov 2022 10:35

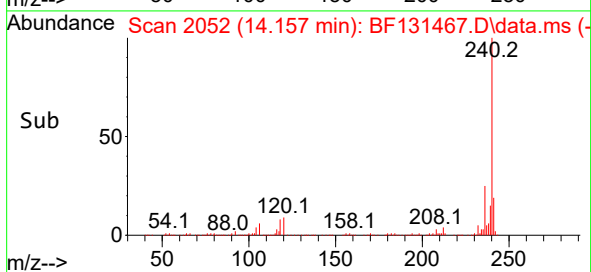
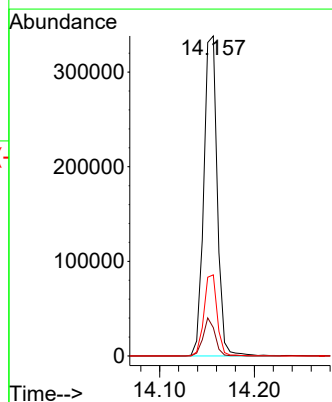
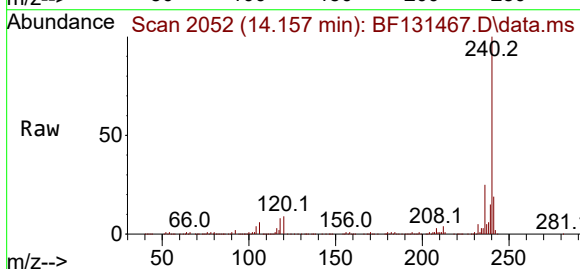
Instrument :
BNA_F
ClientSampleId :
PB149334BL

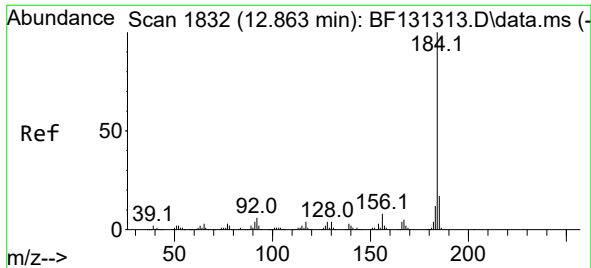
Tgt Ion:248 Resp: 19697
Ion Ratio Lower Upper
248 100
250 199.2 78.3 117.5#
141 431.2 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF131467.D
Acq: 30 Nov 2022 10:35

Tgt Ion:240 Resp: 334509
Ion Ratio Lower Upper
240 100
120 8.9 5.8 8.8#
236 25.3 20.3 30.5

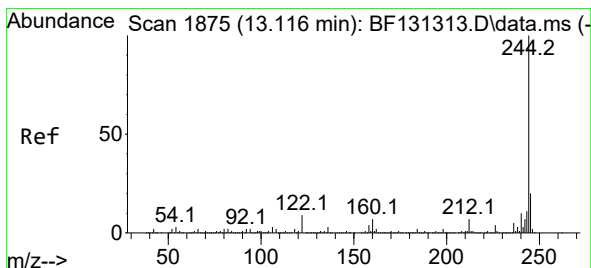
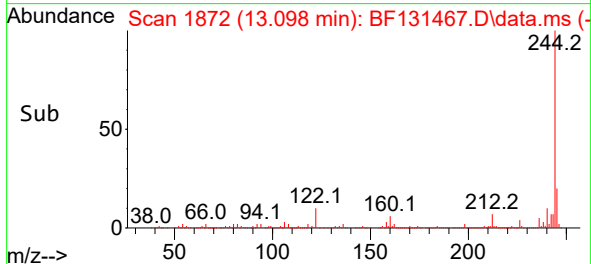
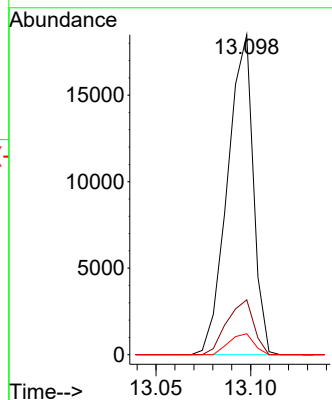
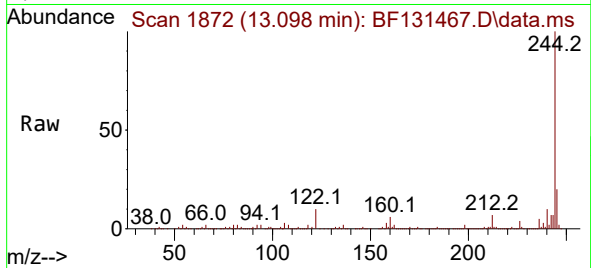




#77
Benzidine
Concen: 2.826 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.253 min
Lab File: BF131467.D
Acq: 30 Nov 2022 10:35

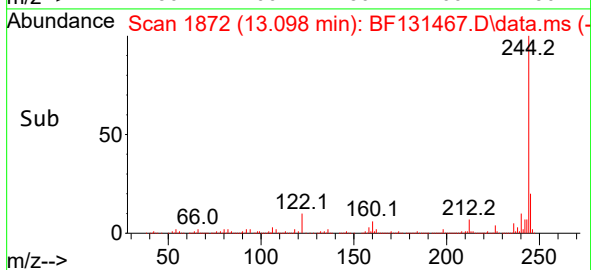
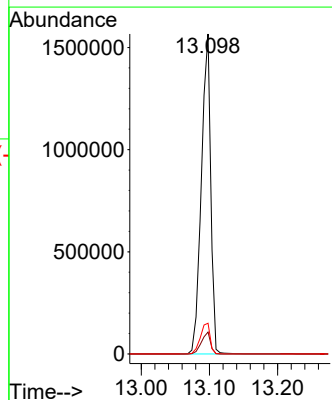
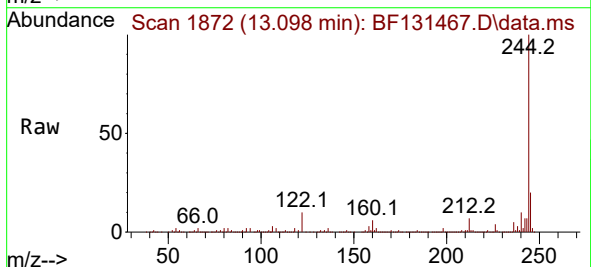
Instrument :
BNA_F
ClientSampleId :
PB149334BL

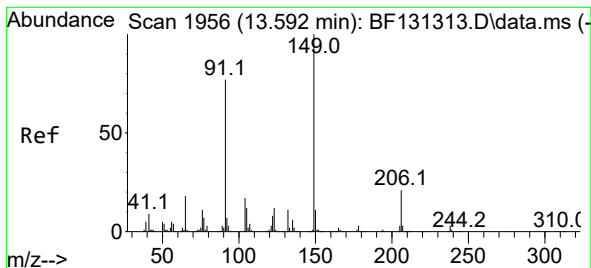
Tgt Ion:184 Resp: 17464
Ion Ratio Lower Upper
184 100
185 17.2 13.8 20.8
183 6.5 9.6 14.4#



#79
Terphenyl-d14
Concen: 73.165 ng
RT: 13.098 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BF131467.D
Acq: 30 Nov 2022 10:35

Tgt Ion:244 Resp: 1496654
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.6 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.151 ng

RT: 13.563 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BF131467.D

Acq: 30 Nov 2022 10:35

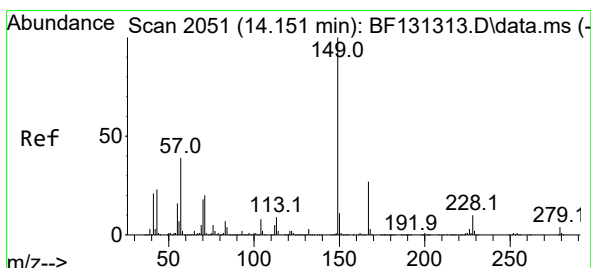
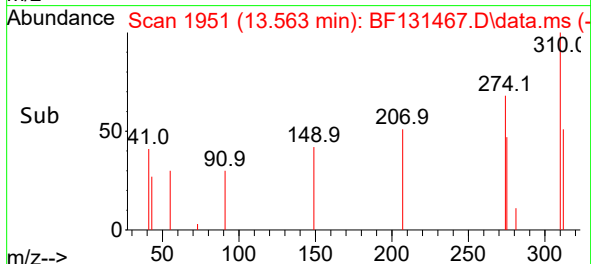
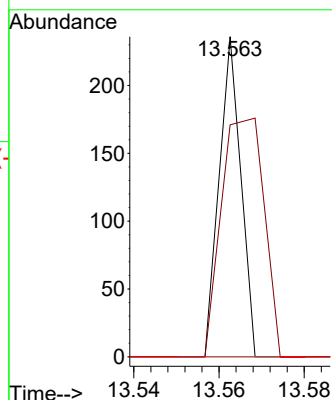
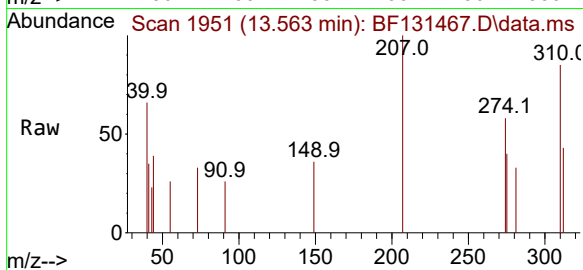
Instrument :

BNA_F

ClientSampleId :

PB149334BL

Tgt Ion:149	Resp:	83
Ion	Ratio	Lower Upper
149	100	
91	72.5	61.9 92.9
206	0.0	16.5 24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.782 ng

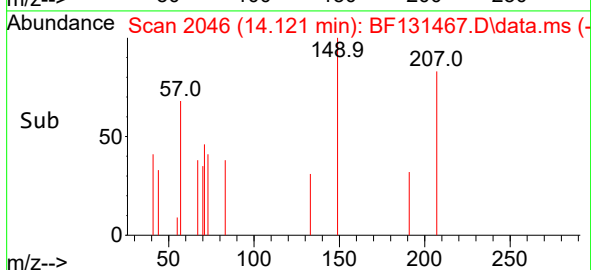
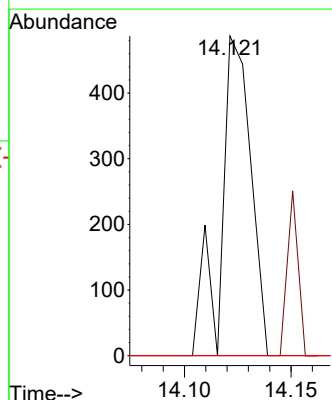
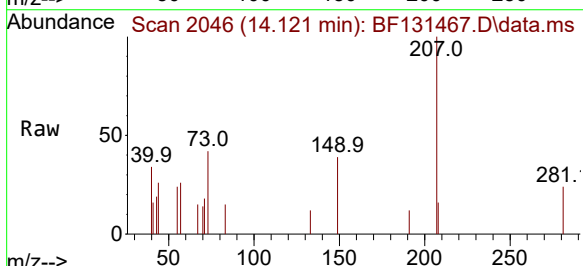
RT: 14.121 min Scan# 2046

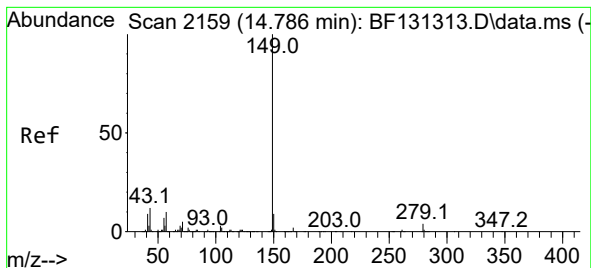
Delta R.T. -0.006 min

Lab File: BF131467.D

Acq: 30 Nov 2022 10:35

Tgt Ion:149	Resp:	475
Ion	Ratio	Lower Upper
149	100	
167	0.0	21.9 32.9#
279	0.0	3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 3.974 ng

RT: 14.751 min Scan# 2153

Delta R.T. -0.006 min

Lab File: BF131467.D

Acq: 30 Nov 2022 10:35

Instrument :

BNA_F

ClientSampleId :

PB149334BL

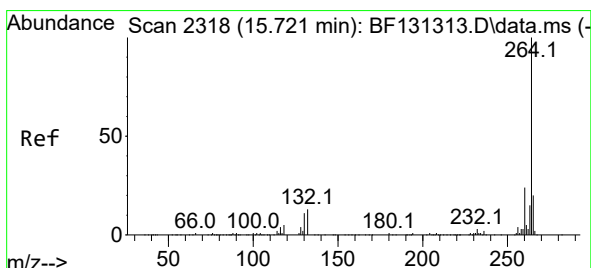
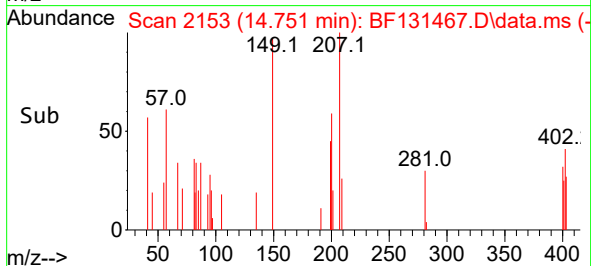
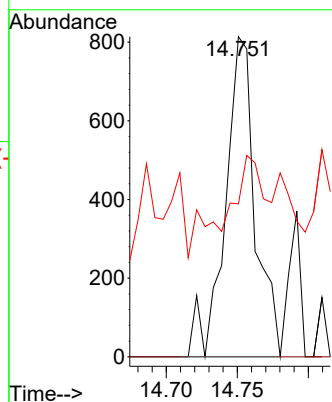
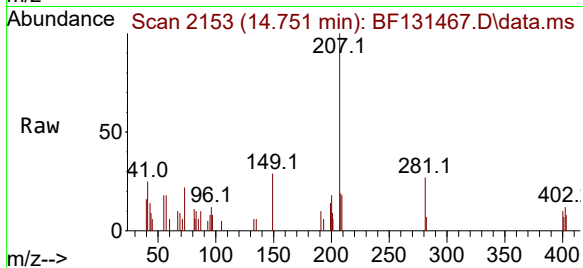
Tgt Ion:149 Resp: 1193

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 19.7 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.686 min Scan# 2312

Delta R.T. -0.006 min

Lab File: BF131467.D

Acq: 30 Nov 2022 10:35

Tgt Ion:264 Resp: 244022

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.0 16.4 24.6

