

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131333.D
 Acq On : 22 Nov 2022 16:42
 Operator : CG\JU
 Sample : PB149242BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149242BL

Quant Time: Nov 23 04:16:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

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

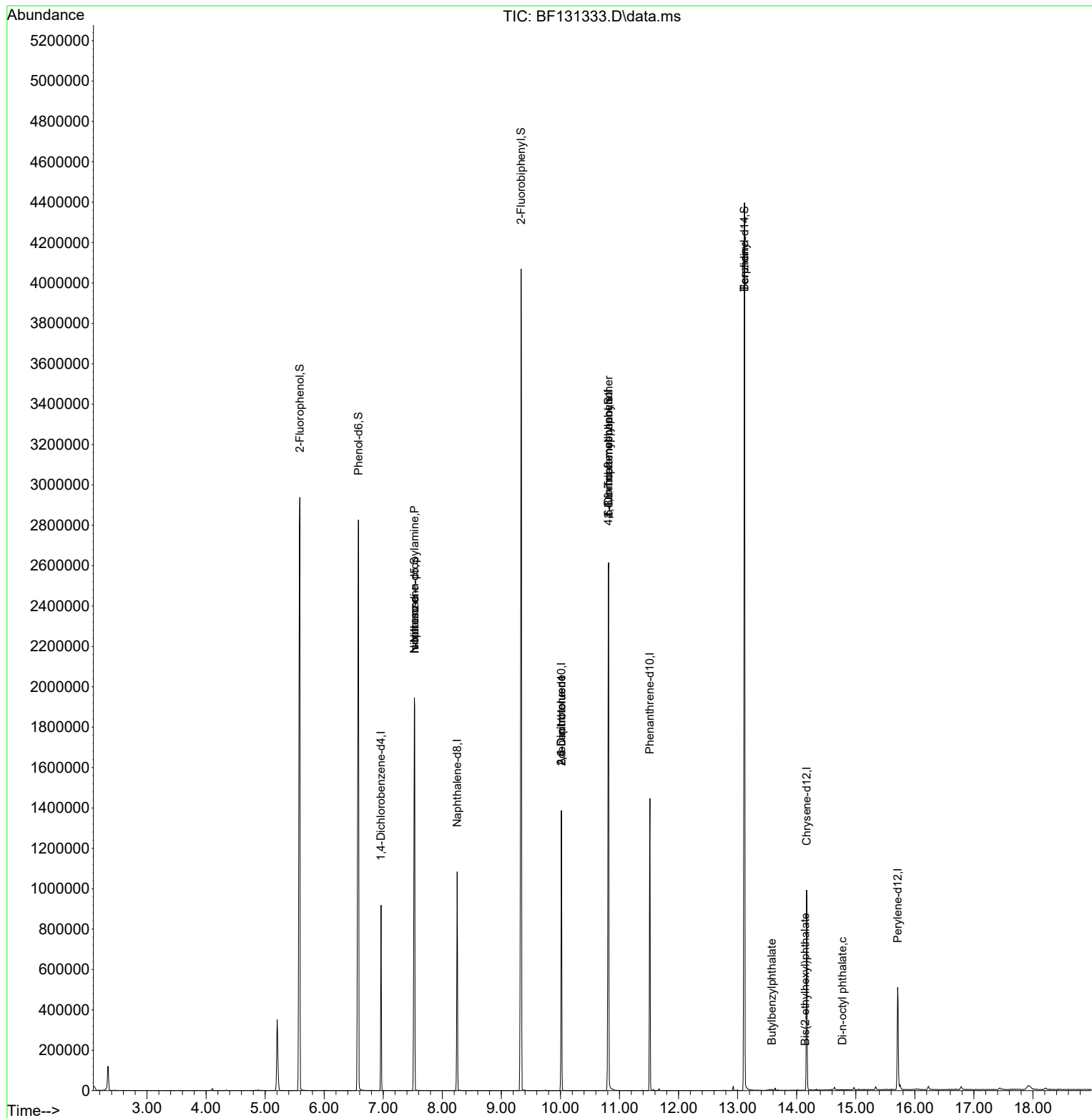
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	119585	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	453116	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	269909	20.000	ng	-0.01
64) Phenanthrene-d10	11.516	188	516114	20.000	ng	0.00
76) Chrysene-d12	14.168	240	353606	20.000	ng	#-0.01
86) Perylene-d12	15.709	264	256736	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	867100	138.000	ng	0.02
7) Phenol-d6	6.581	99	1082722	135.057	ng	0.00
23) Nitrobenzene-d5	7.528	82	739466	82.265	ng	-0.01
42) 2,4,6-Tribromophenol	10.816	330	351271	154.693	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	1447413	78.016	ng	0.00
79) Terphenyl-d14	13.115	244	1798546	83.174	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.581	77	2087	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.528	70	101821	17.350	ng	# 76
25) Isophorone	7.528	82	739134	46.089	ng	# 68
51) 2,6-Dinitrotoluene	10.016	165	35059	9.322	ng	# 15
57) 2,4-Dinitrotoluene	10.016	165	35059	7.409	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.810	198	925	5.042	ng	# 1
67) 4-Bromophenyl-phenylether	10.816	248	23556	3.724	ng	# 1
77) Benzidine	13.115	184	23643	3.620	ng	# 93
80) Butylbenzylphthalate	13.580	149	65	4.149	ng	# 20
84) Bis(2-ethylhexyl)phtha...	14.145	149	159	3.759	ng	# 52
85) Di-n-octyl phthalate	14.774	149	187	3.912	ng	# 70

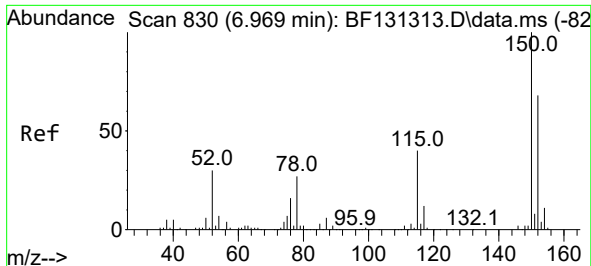
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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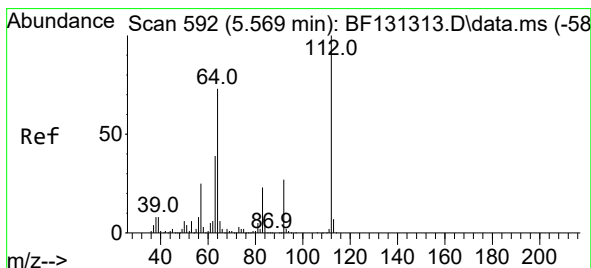
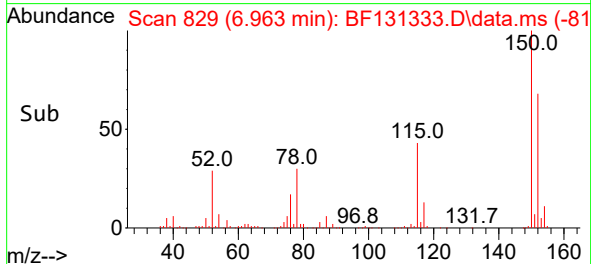
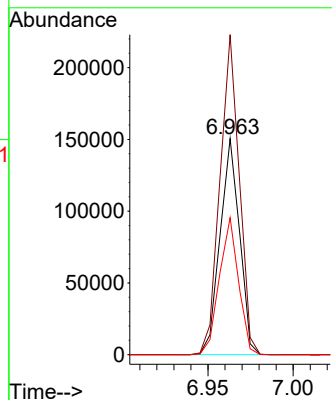
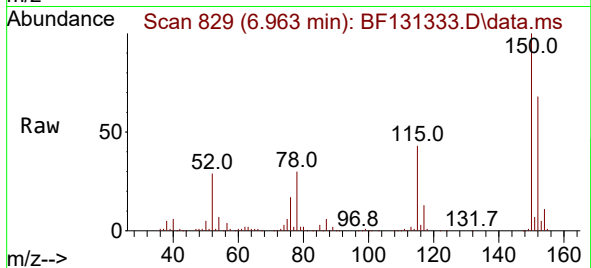




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

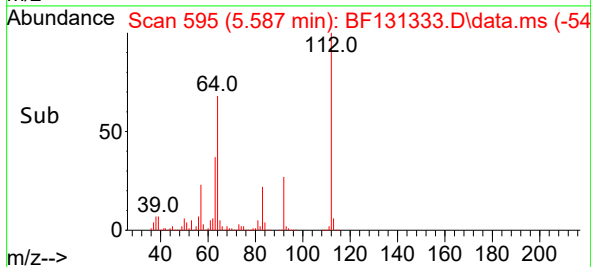
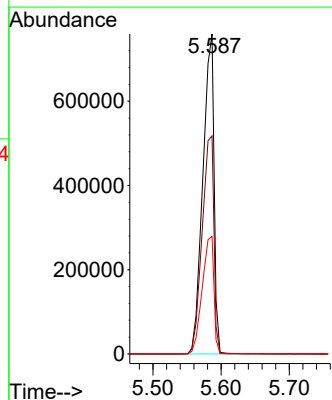
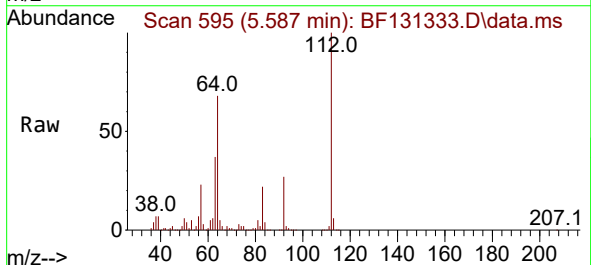
Instrument :
BNA_F
ClientSampleId :
PB149242BL

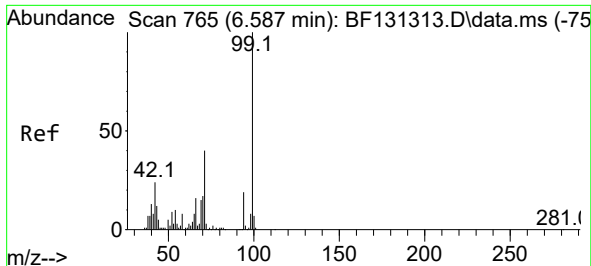
Tgt Ion:152 Resp: 119585
Ion Ratio Lower Upper
152 100
150 148.1 117.8 176.8
115 63.4 47.1 70.7



#5
2-Fluorophenol
Concen: 138.000 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

Tgt Ion:112 Resp: 867100
Ion Ratio Lower Upper
112 100
64 68.1 58.6 88.0
63 36.7 31.4 47.0

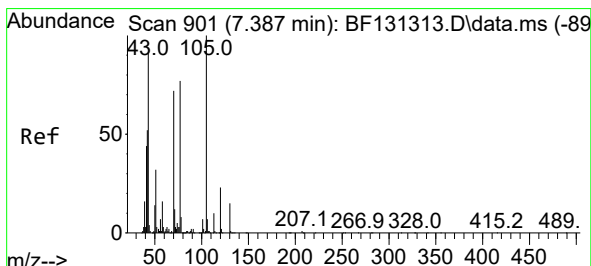
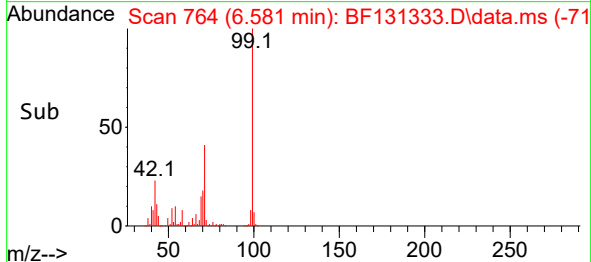
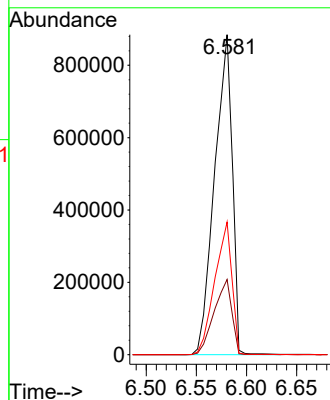
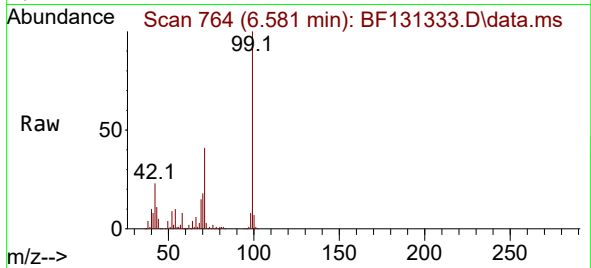




#7
Phenol-d6
Concen: 135.057 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

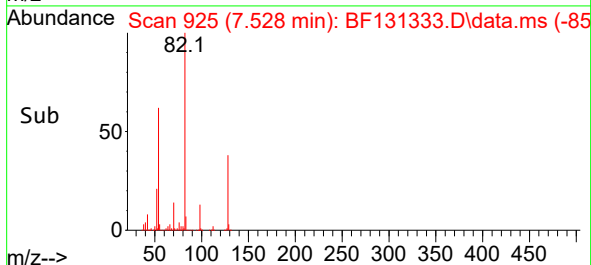
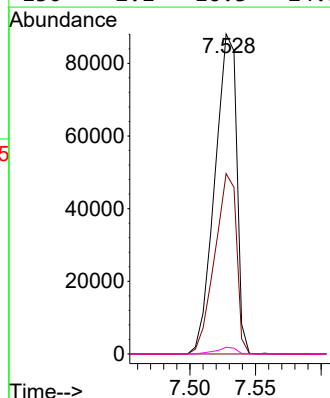
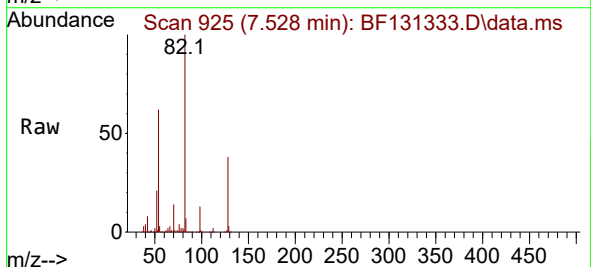
Instrument :
BNA_F
ClientSampleId :
PB149242BL

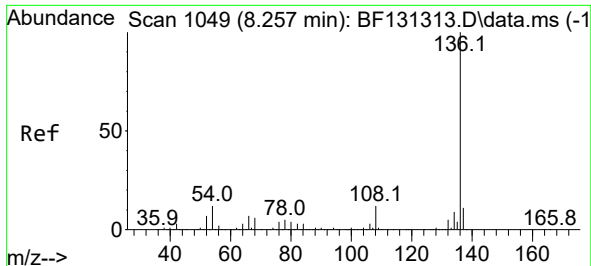
Tgt Ion: 99 Resp: 1082722
Ion Ratio Lower Upper
99 100
42 23.5 19.4 29.2
71 41.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.350 ng
RT: 7.528 min Scan# 925
Delta R.T. 0.141 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

Tgt Ion: 70 Resp: 101821
Ion Ratio Lower Upper
70 100
42 56.4 57.6 86.4#
101 0.0 8.2 12.2#
130 2.1 16.3 24.5#

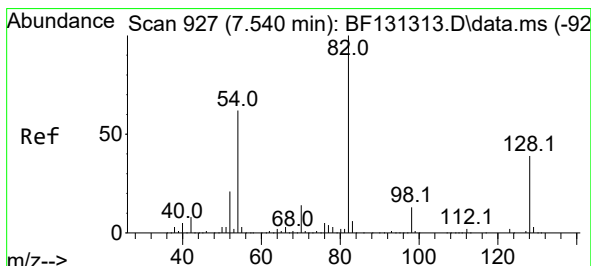
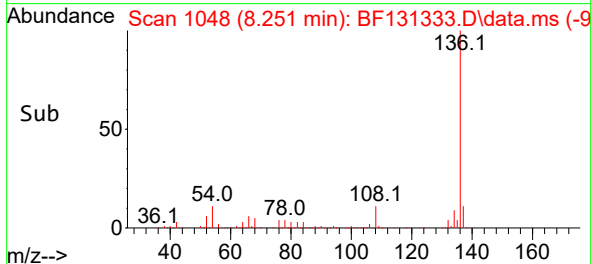
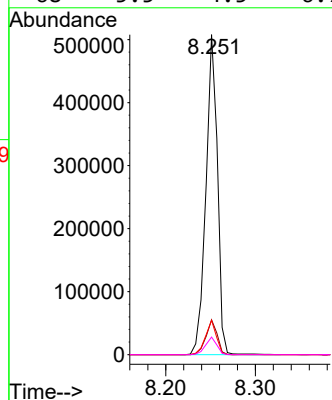
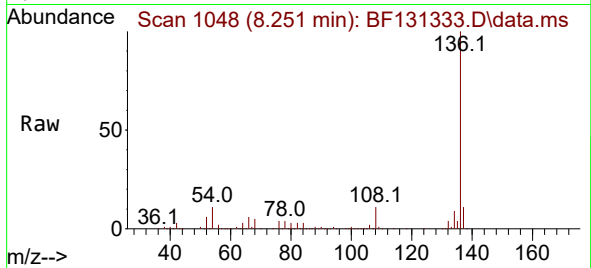




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

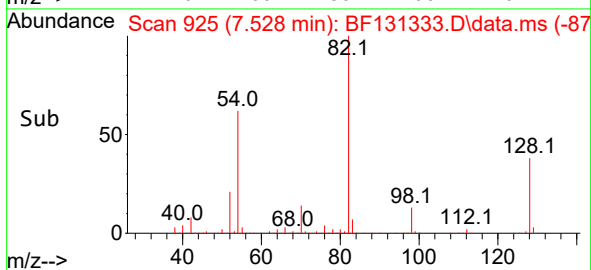
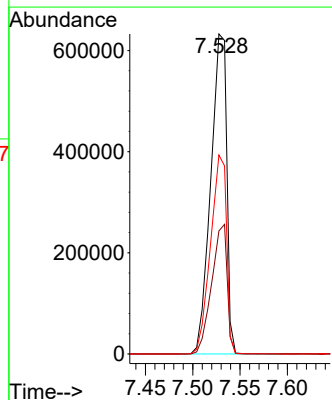
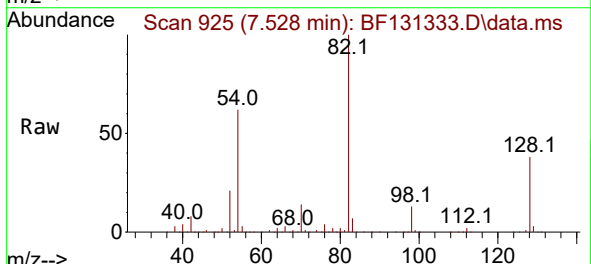
Instrument :
BNA_F
ClientSampleId :
PB149242BL

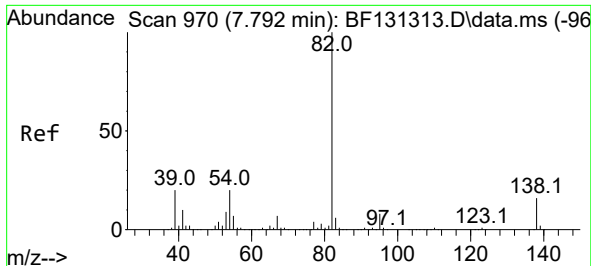
Tgt Ion:136 Resp: 453116
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.8 9.4 14.0
68 5.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 82.265 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

Tgt Ion: 82 Resp: 739466
Ion Ratio Lower Upper
82 100
128 38.5 31.4 47.0
54 62.2 49.8 74.6

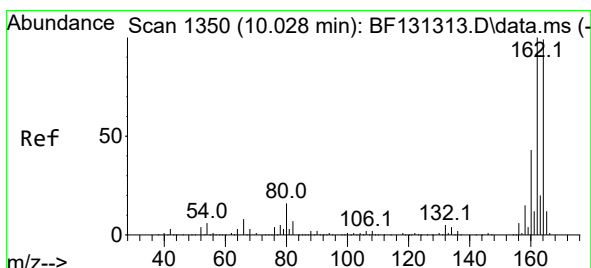
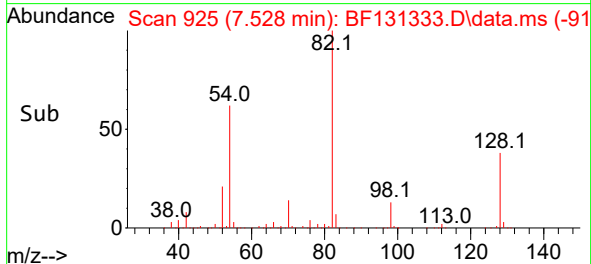
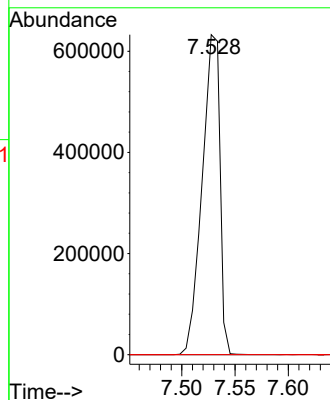
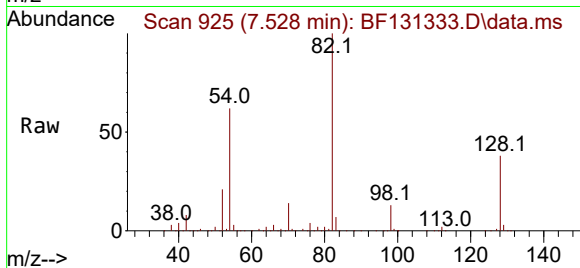




#25
Isophorone
Concen: 46.089 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

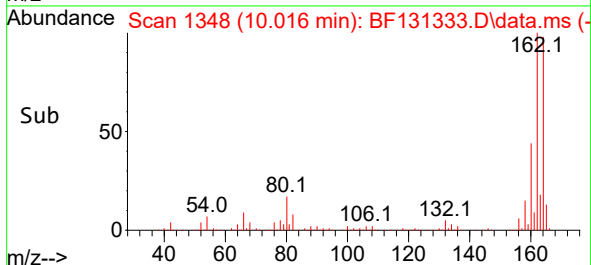
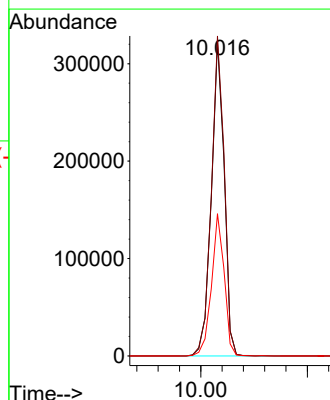
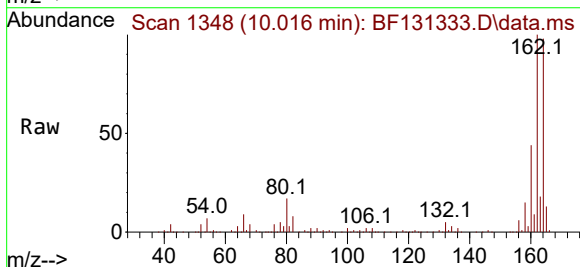
Instrument :
BNA_F
ClientSampleId :
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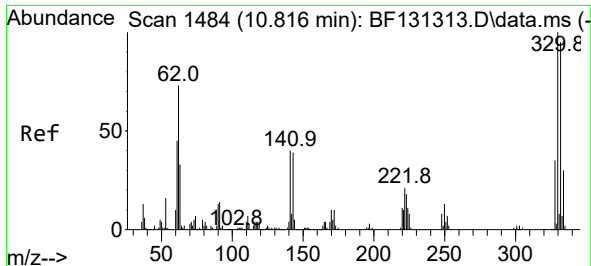
Tgt Ion: 82 Resp: 739134
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.012 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

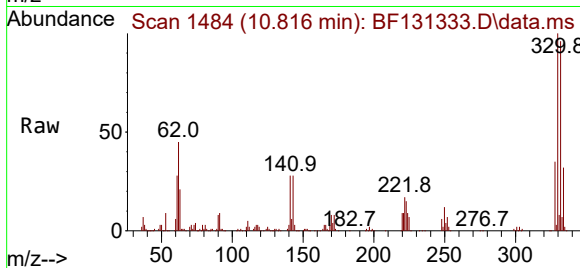
Tgt Ion:164 Resp: 269909
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 45.3 34.4 51.6



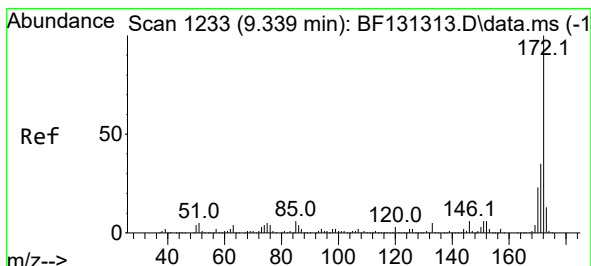
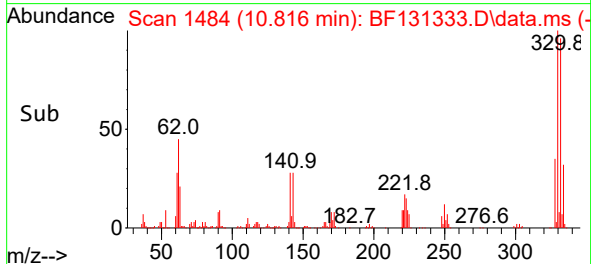
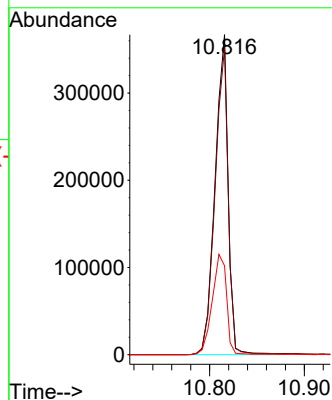


#42
2,4,6-Tribromophenol
Concen: 154.693 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

Instrument :
BNA_F
ClientSampleId :
PB149242BL

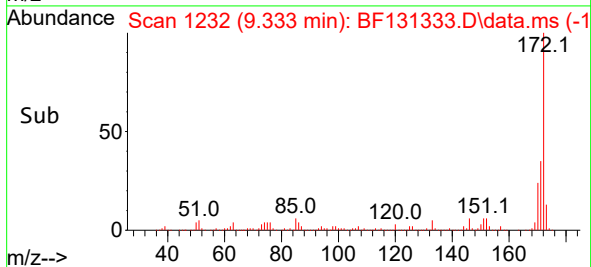
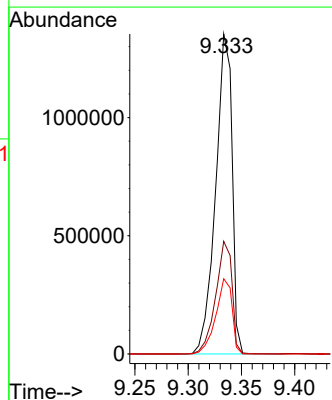
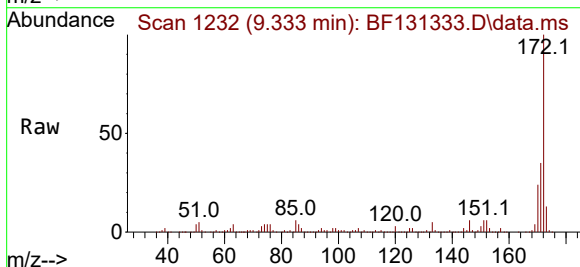


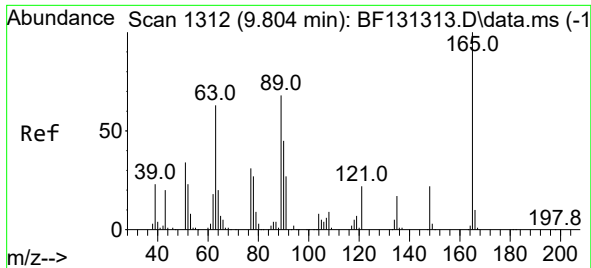
Tgt Ion:330 Resp: 351271
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 34.7 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 78.016 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

Tgt Ion:172 Resp: 1447413
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.5 18.7 28.1

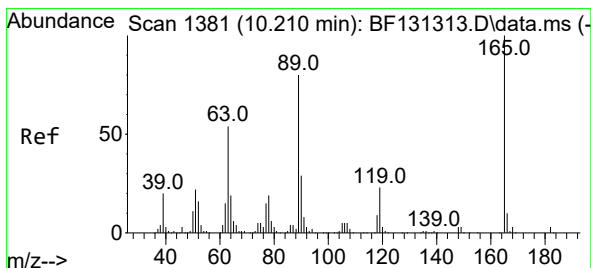
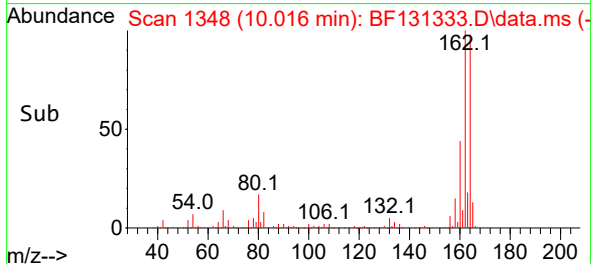
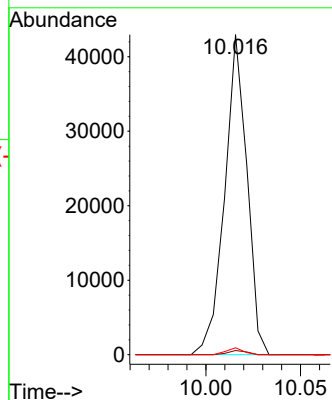
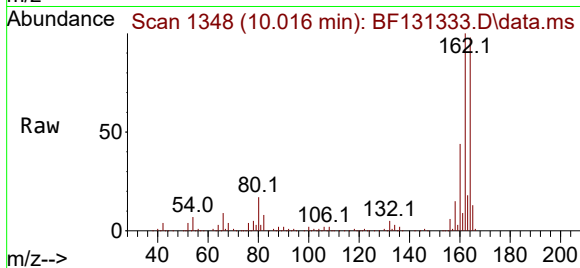




#51
2,6-Dinitrotoluene
Concen: 9.322 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.212 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

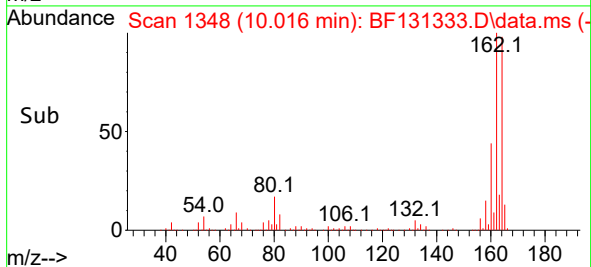
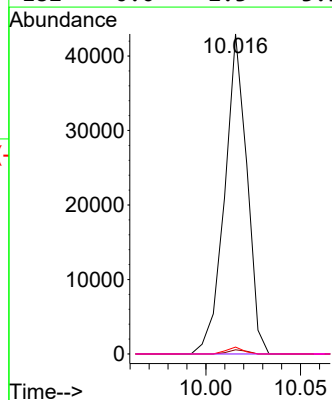
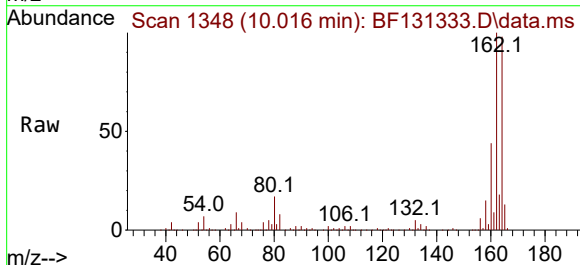
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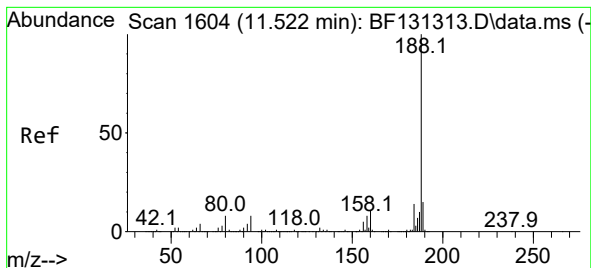
Tgt Ion:165 Resp: 35059
Ion Ratio Lower Upper
165 100
63 1.3 62.0 93.0#
89 2.1 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.409 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

Tgt Ion:165 Resp: 35059
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.2#
89 2.1 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.516 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131333.D

Acq: 22 Nov 2022 16:42

Instrument :

BNA_F

ClientSampleId :

PB149242BL

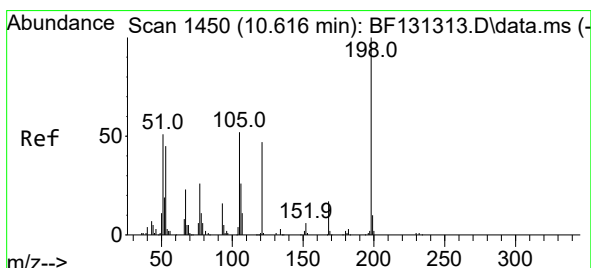
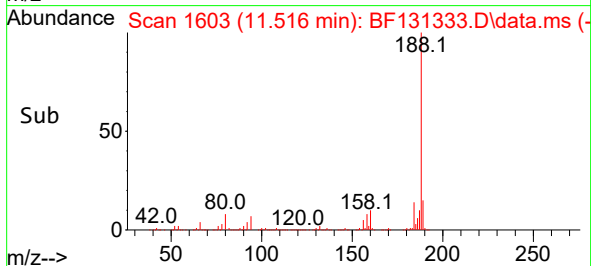
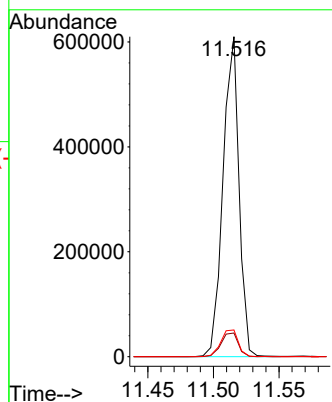
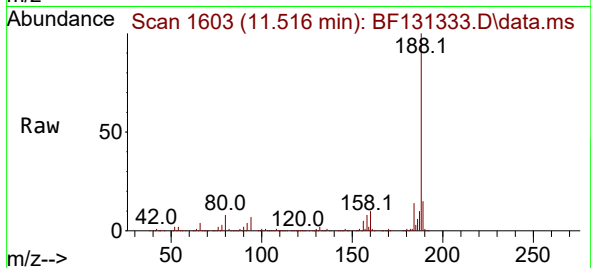
Tgt Ion:188 Resp: 516114

Ion Ratio Lower Upper

188 100

94 7.4 6.3 9.5

80 8.3 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.042 ng

RT: 10.810 min Scan# 1483

Delta R.T. 0.194 min

Lab File: BF131333.D

Acq: 22 Nov 2022 16:42

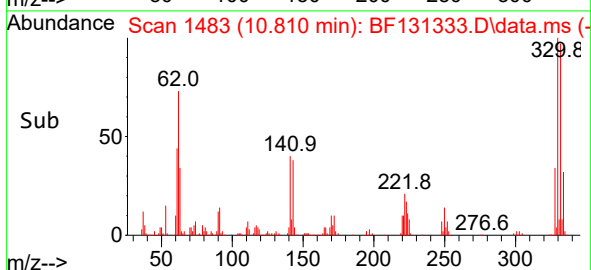
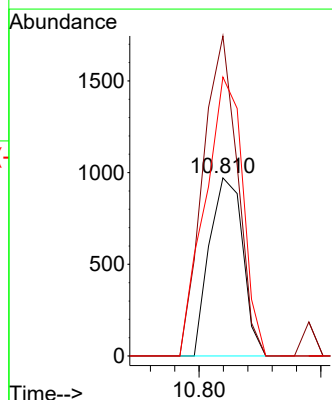
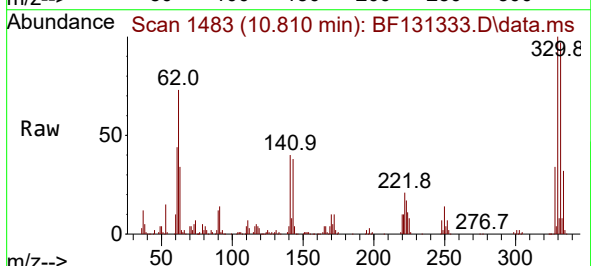
Tgt Ion:198 Resp: 925

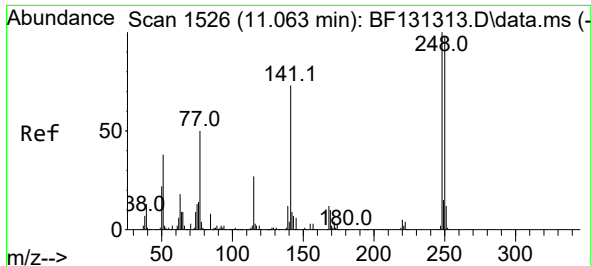
Ion Ratio Lower Upper

198 100

51 179.7 50.1 90.1#

105 156.6 32.5 72.5#

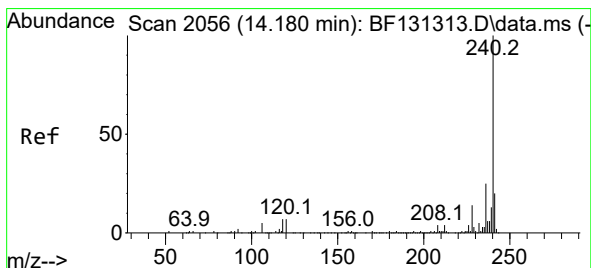
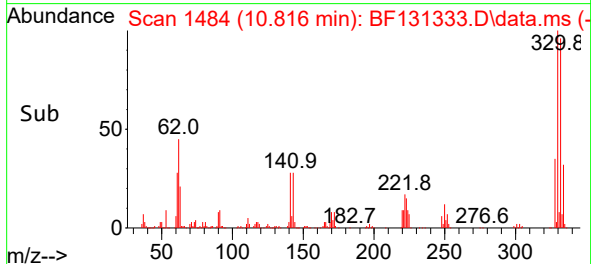
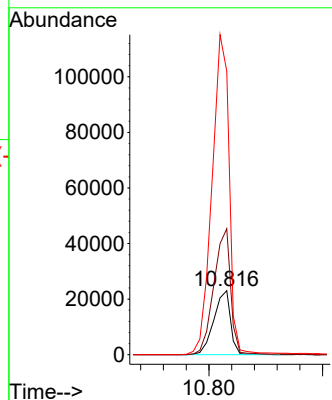
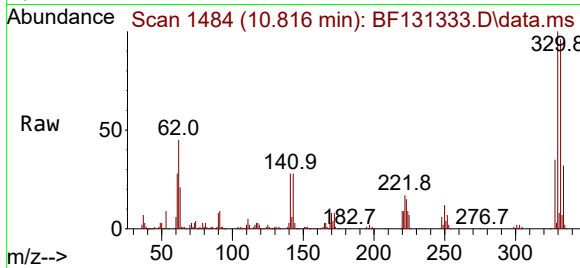




#67
4-Bromophenyl-phenylether
Concen: 3.724 ng
RT: 10.816 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

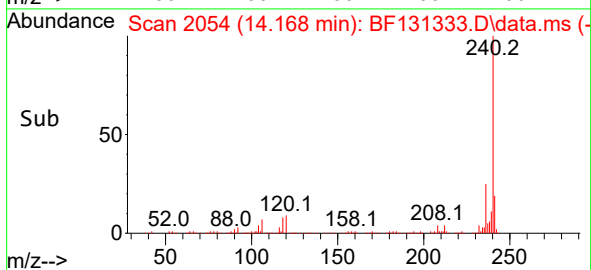
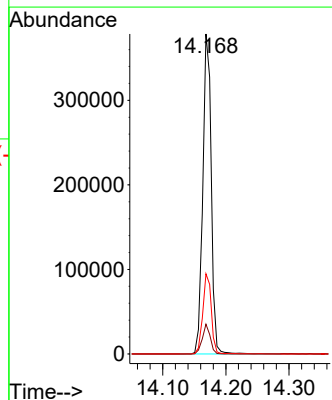
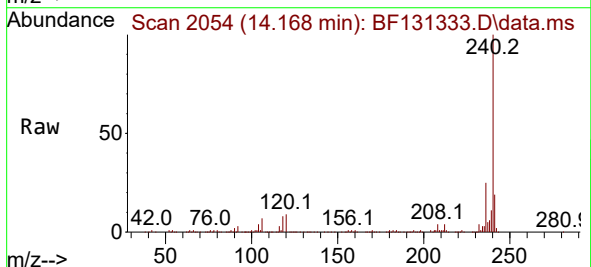
Instrument :
BNA_F
ClientSampleId :
PB149242BL

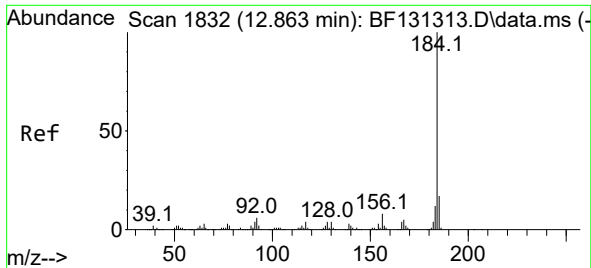
Tgt Ion:248 Resp: 23556
Ion Ratio Lower Upper
248 100
250 196.7 78.3 117.5#
141 443.1 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.168 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

Tgt Ion:240 Resp: 353606
Ion Ratio Lower Upper
240 100
120 9.3 5.8 8.8#
236 25.1 20.3 30.5

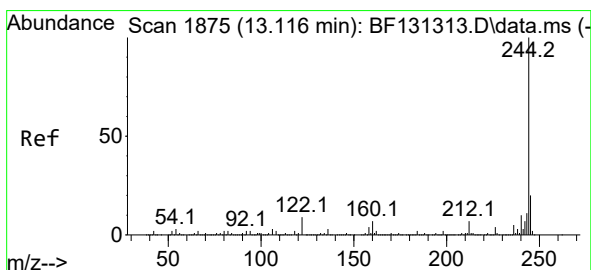
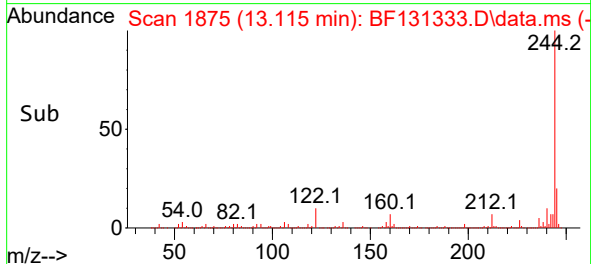
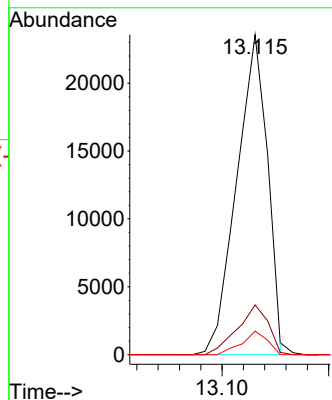
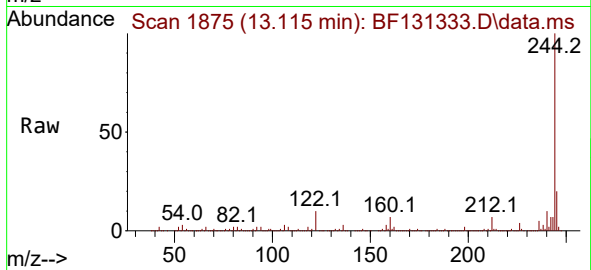




#77
Benzidine
Concen: 3.620 ng
RT: 13.115 min Scan# 1875
Delta R.T. 0.253 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

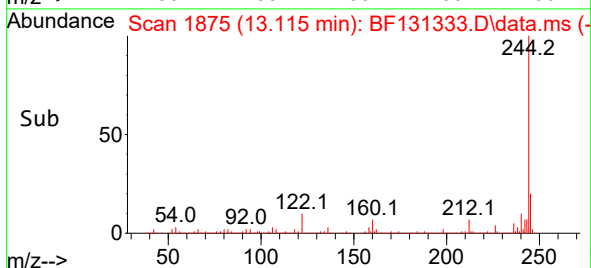
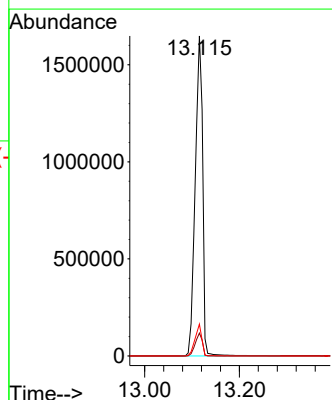
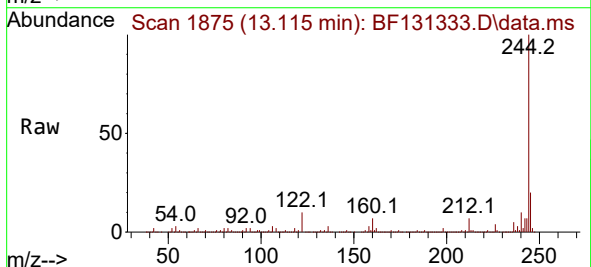
Instrument :
BNA_F
ClientSampleId :
PB149242BL

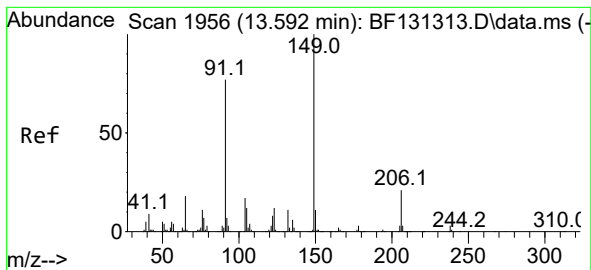
Tgt Ion:184 Resp: 23643
Ion Ratio Lower Upper
184 100
185 15.6 13.8 20.8
183 7.4 9.6 14.4#



#79
Terphenyl-d14
Concen: 83.174 ng
RT: 13.115 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BF131333.D
Acq: 22 Nov 2022 16:42

Tgt Ion:244 Resp: 1798546
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.9 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.149 ng

RT: 13.580 min Scan# 1956

Delta R.T. -0.012 min

Lab File: BF131333.D

Acq: 22 Nov 2022 16:42

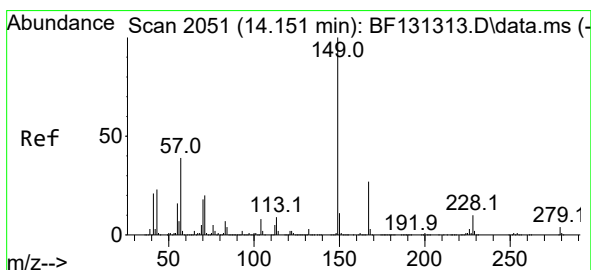
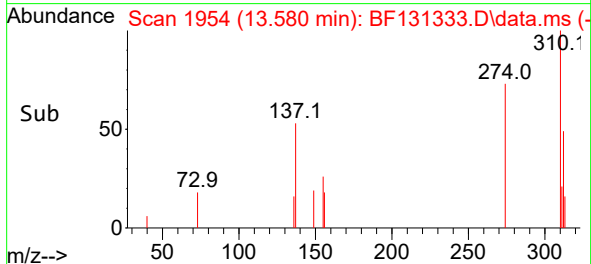
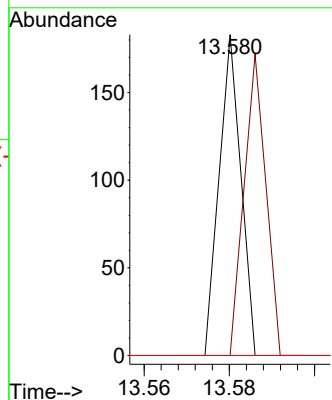
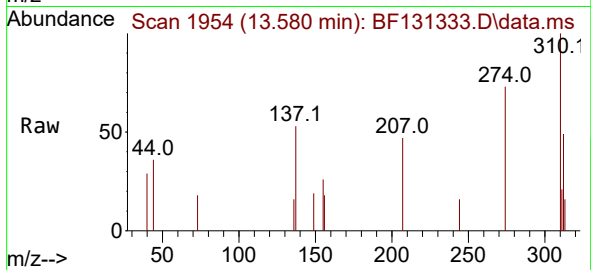
Instrument :

BNA_F

ClientSampleId :

PB149242BL

Tgt Ion:149	Resp:	65
Ion Ratio	Lower	Upper
149	100	
91	0.0	61.9 92.9#
206	0.0	16.5 24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.759 ng

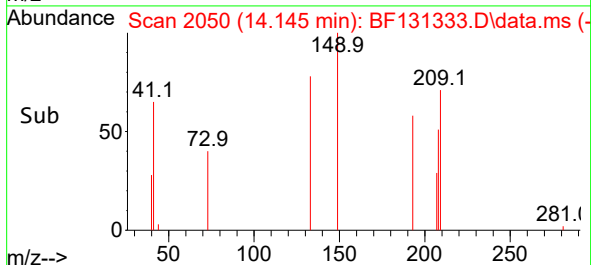
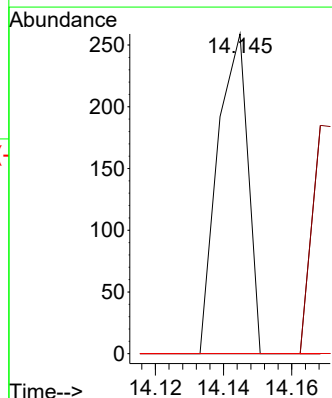
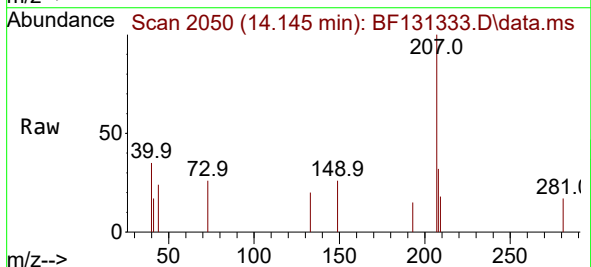
RT: 14.145 min Scan# 2050

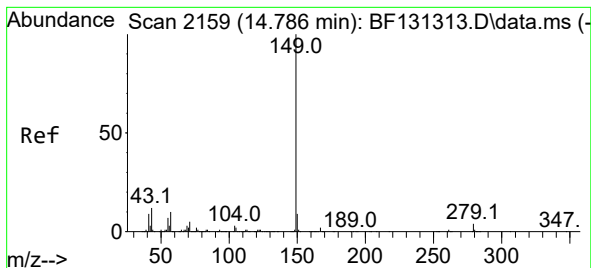
Delta R.T. -0.006 min

Lab File: BF131333.D

Acq: 22 Nov 2022 16:42

Tgt Ion:149	Resp:	159
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: 3.912 ng

RT: 14.774 min Scan# 2157

Delta R.T. -0.012 min

Lab File: BF131333.D

Acq: 22 Nov 2022 16:42

Instrument :

BNA_F

ClientSampleId :

PB149242BL

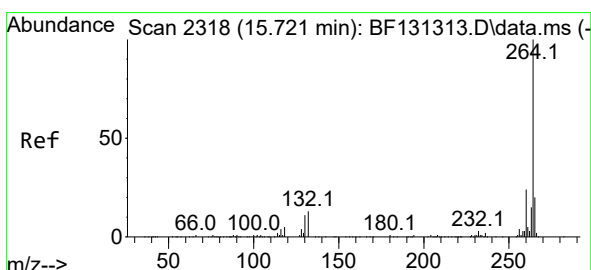
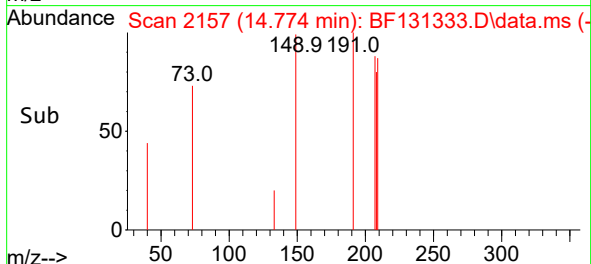
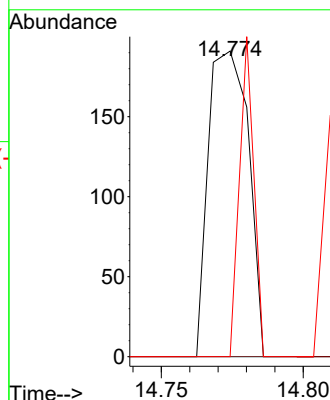
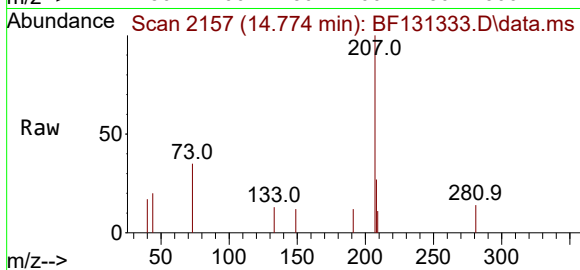
Tgt Ion:149 Resp: 187

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.709 min Scan# 2316

Delta R.T. -0.012 min

Lab File: BF131333.D

Acq: 22 Nov 2022 16:42

Tgt Ion:264 Resp: 256736

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 22.0 16.4 24.6

