

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
 Data File : BF131477.D
 Acq On : 30 Nov 2022 18:20
 Operator : CG\JU
 Sample : N5801-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Quant Time: Dec 01 01:14:43 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)

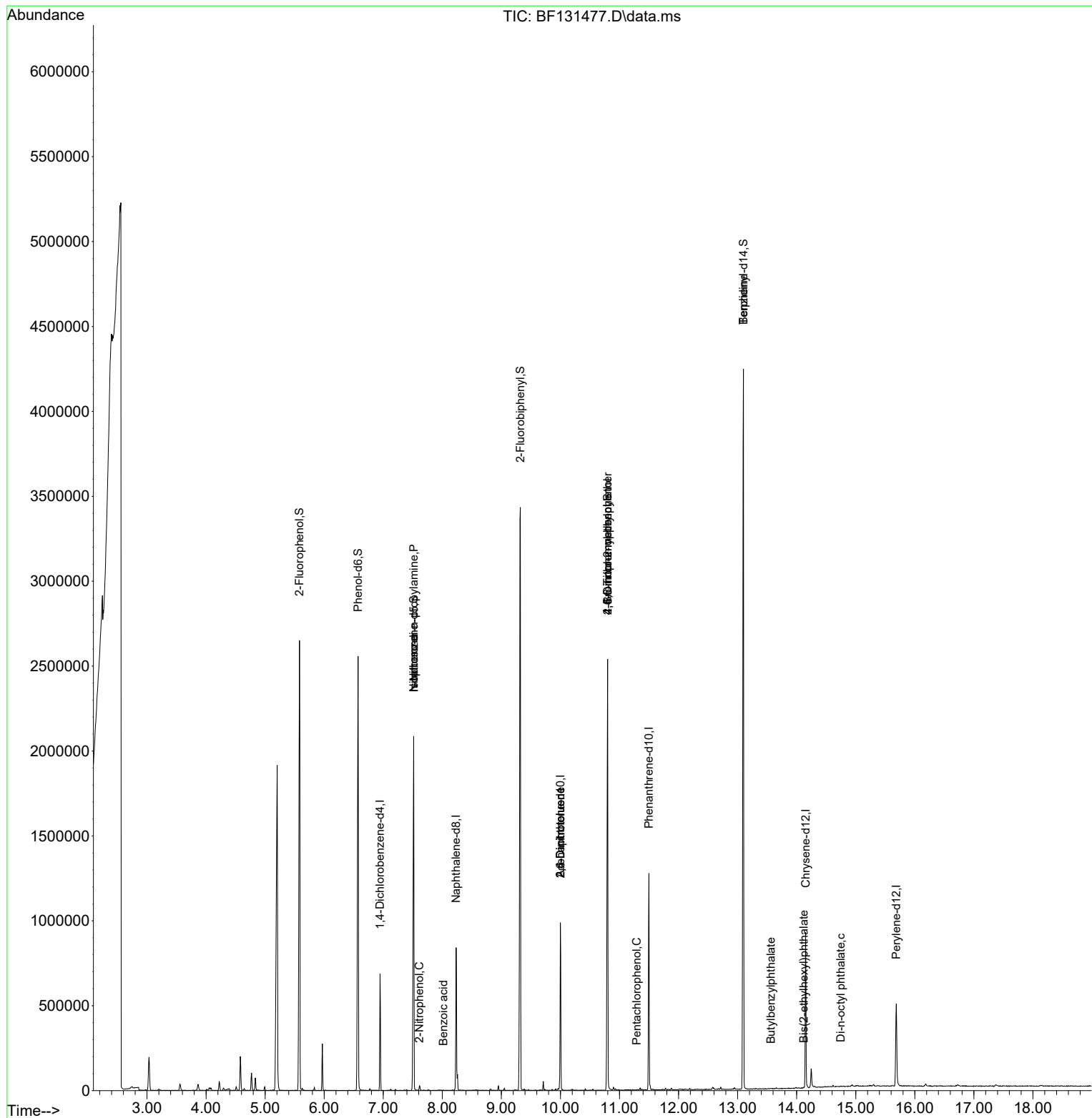
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	93058	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	357385	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	201879	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	447135	20.000	ng	0.00
76) Chrysene-d12	14.151	240	303887	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	247745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	757397	154.902	ng	0.02
7) Phenol-d6	6.575	99	933705	149.669	ng	0.00
23) Nitrobenzene-d5	7.516	82	699933	98.724	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	298925	176.001	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1234823	88.986	ng	0.00
79) Terphenyl-d14	13.098	244	1675792	90.177	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.575	77	1592	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.516	70	97180	21.279	ng	# 70
25) Isophorone	7.516	82	699924	55.335	ng	# 68
26) 2-Nitrophenol	7.610	139	293	3.698	ng	# 23
32) Benzoic acid	8.016	122	67	5.152	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	25776	9.163	ng	# 14
57) 2,4-Dinitrotoluene	9.998	165	25776	7.283	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.798	198	672	4.966	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	19299	3.522	ng	# 1
70) Pentachlorophenol	11.292	266	247	4.947	ng	# 19
77) Benzidine	13.098	184	20798	3.705	ng	# 93
80) Butylbenzylphthalate	13.563	149	603	4.205	ng	# 80
84) Bis(2-ethylhexyl)phtha...	14.121	149	1660	3.877	ng	# 98
85) Di-n-octyl phthalate	14.745	149	1514	4.003	ng	# 39

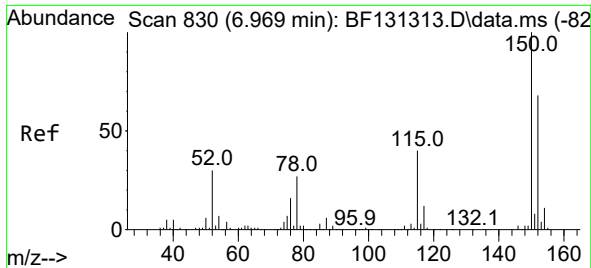
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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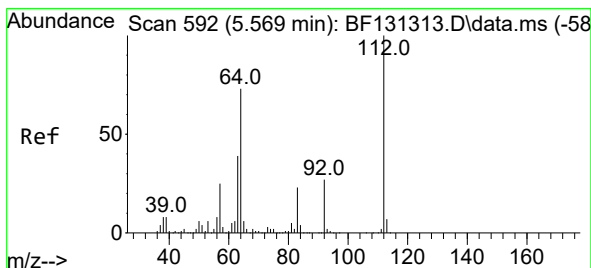
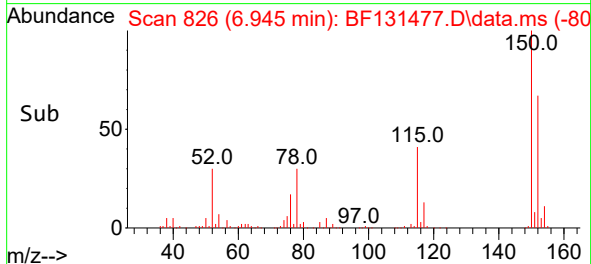
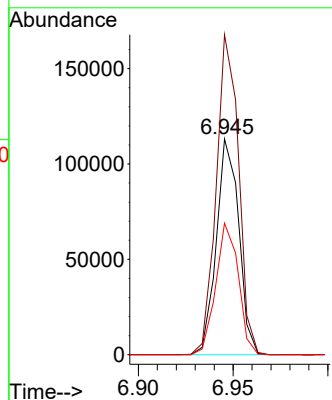
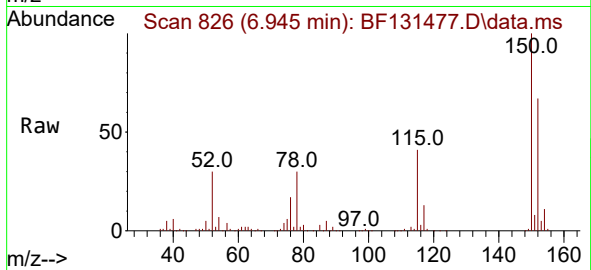




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

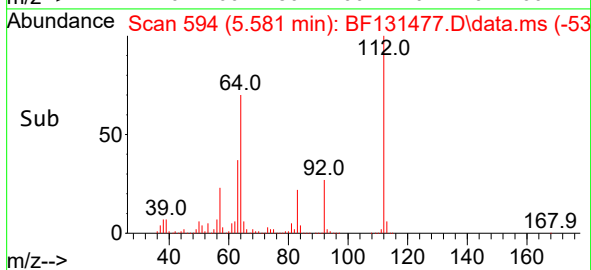
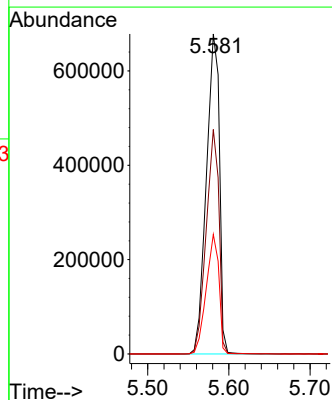
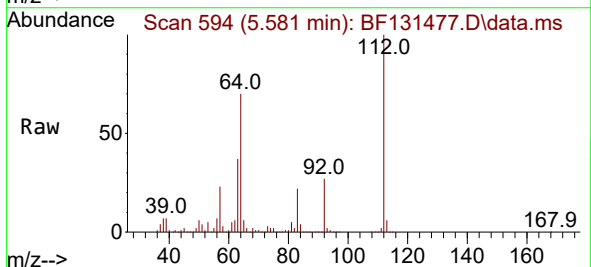
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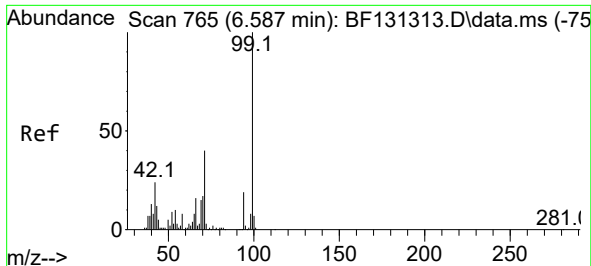
Tgt Ion:152 Resp: 93058
Ion Ratio Lower Upper
152 100
150 148.4 117.8 176.8
115 61.0 47.1 70.7



#5
2-Fluorophenol
Concen: 154.902 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.024 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

Tgt Ion:112 Resp: 757397
Ion Ratio Lower Upper
112 100
64 70.2 58.6 88.0
63 37.4 31.4 47.0

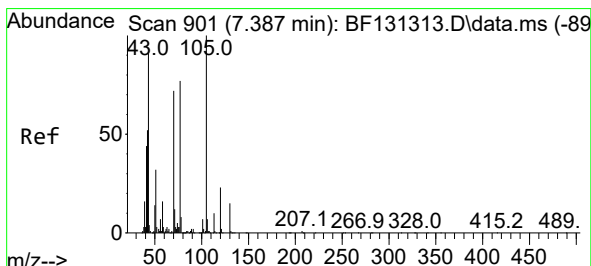
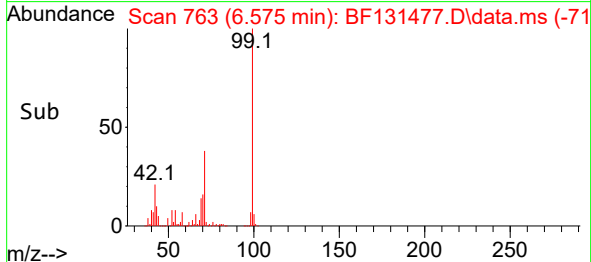
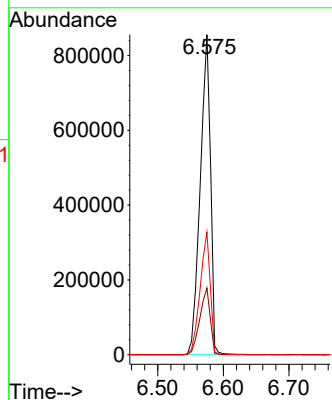
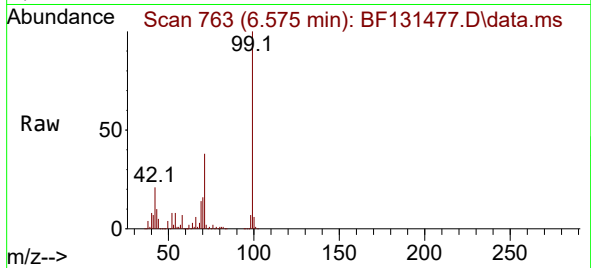




#7
Phenol-d6
Concen: 149.669 ng
RT: 6.575 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

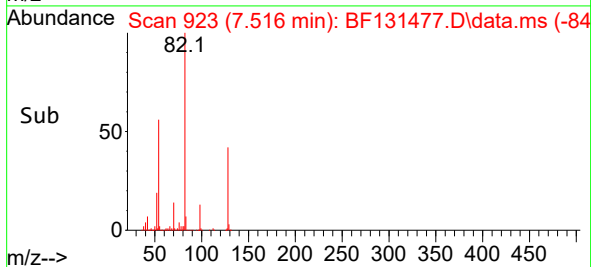
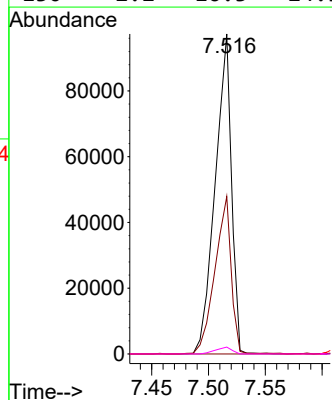
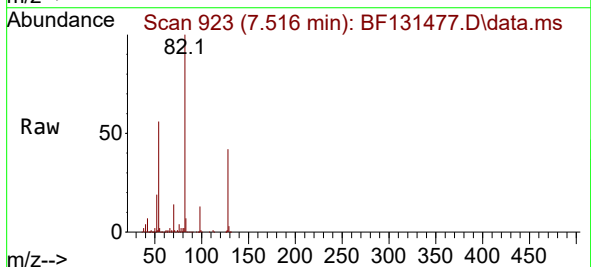
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ClientSampleId :
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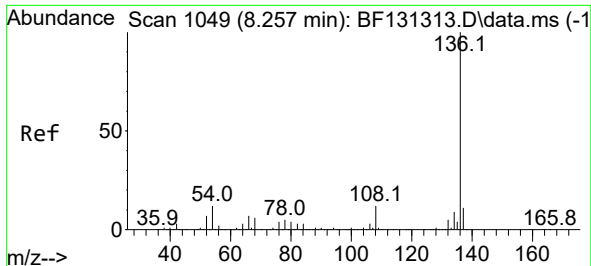
Tgt Ion: 99 Resp: 933705
Ion Ratio Lower Upper
99 100
42 20.9 19.4 29.2
71 38.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 21.279 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.153 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

Tgt Ion: 70 Resp: 97180
Ion Ratio Lower Upper
70 100
42 49.2 57.6 86.4#
101 0.0 8.2 12.2#
130 2.2 16.3 24.5#

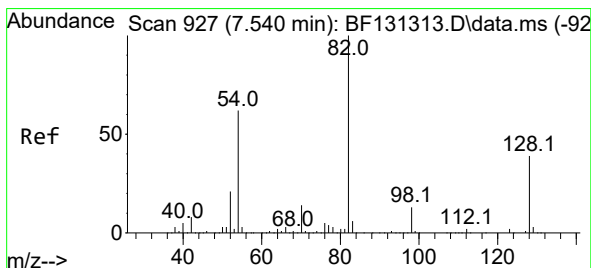
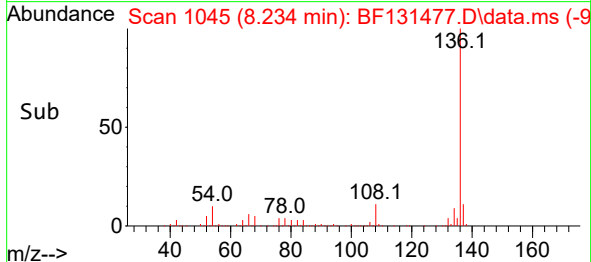
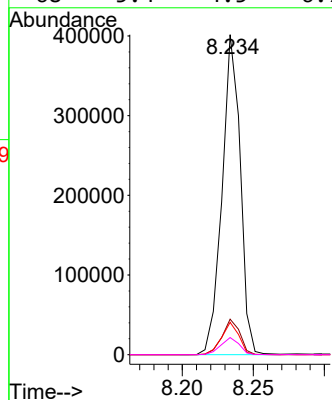
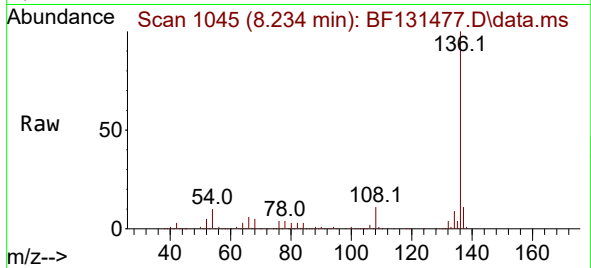




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

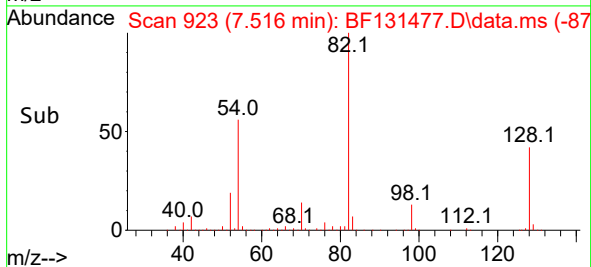
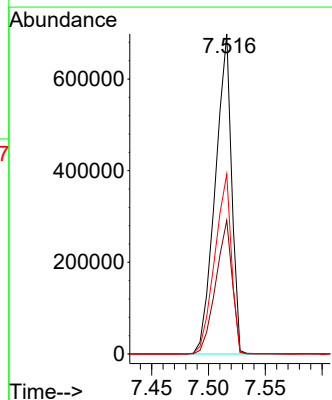
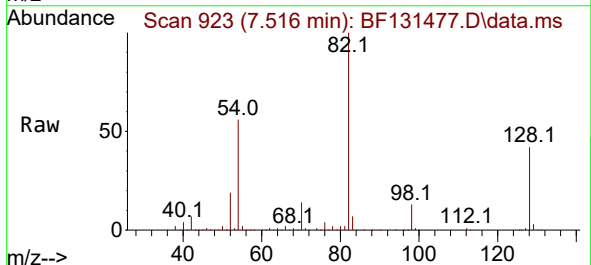
Instrument :
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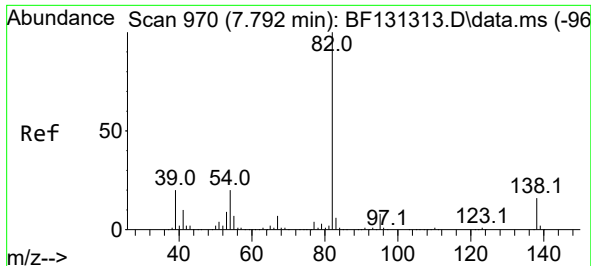
Tgt Ion:136 Resp: 357385
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 10.1 9.4 14.0
68 5.4 4.5 6.7



#23
Nitrobenzene-d5
Concen: 98.724 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.000 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

Tgt Ion: 82 Resp: 699933
Ion Ratio Lower Upper
82 100
128 41.7 31.4 47.0
54 56.2 49.8 74.6

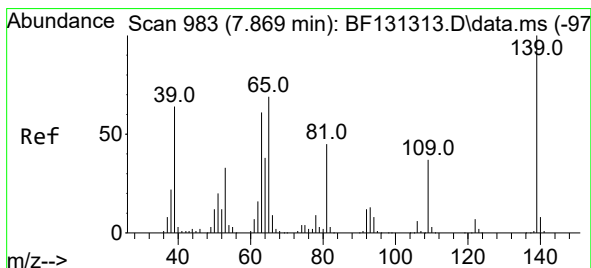
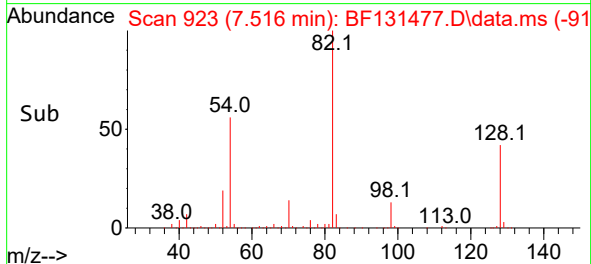
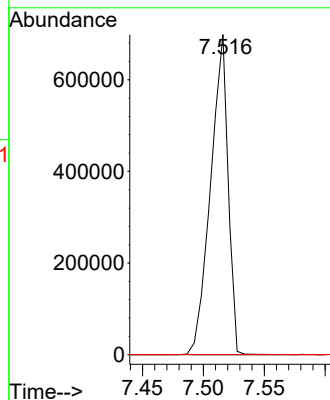
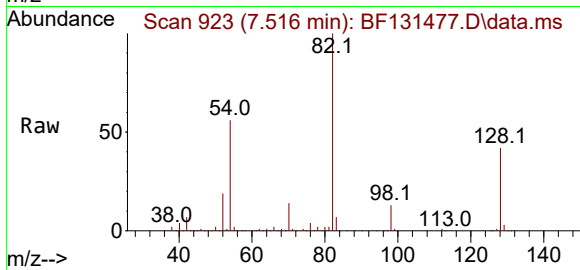




#25
Isophorone
Concen: 55.335 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

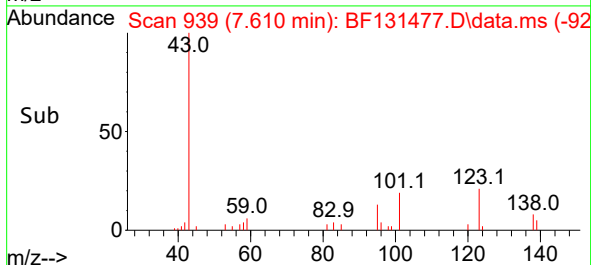
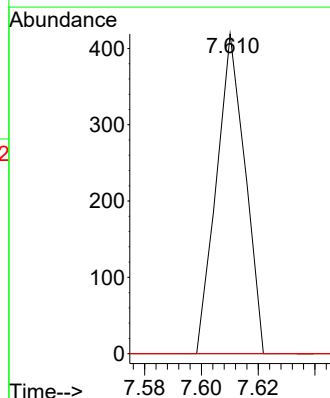
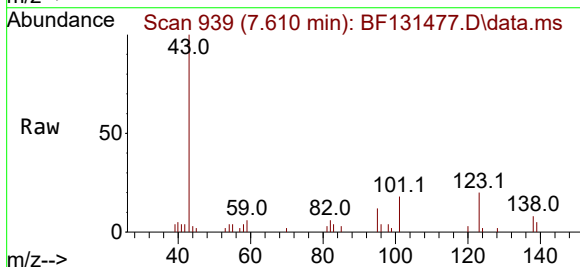
Instrument :
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ClientSampleId :
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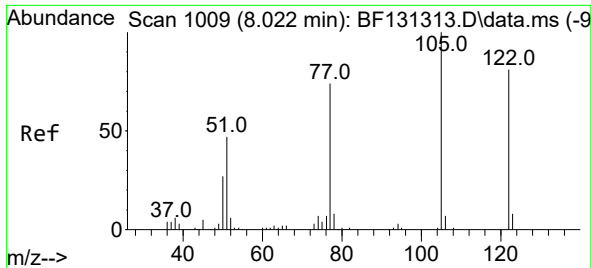
Tgt Ion: 82 Resp: 699924
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#26
2-Nitrophenol
Concen: 3.698 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.241 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

Tgt Ion: 139 Resp: 293
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 55.7 83.5#

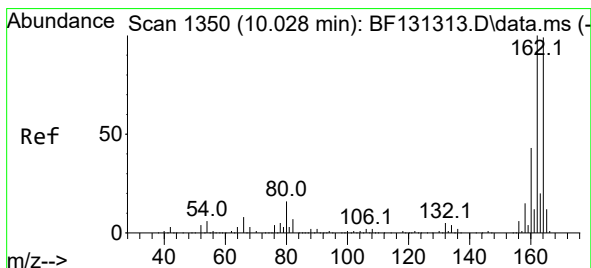
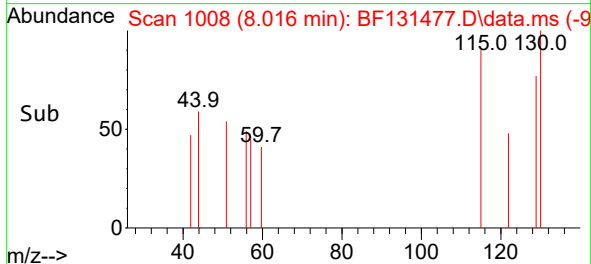
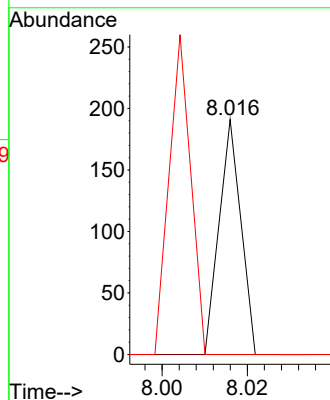
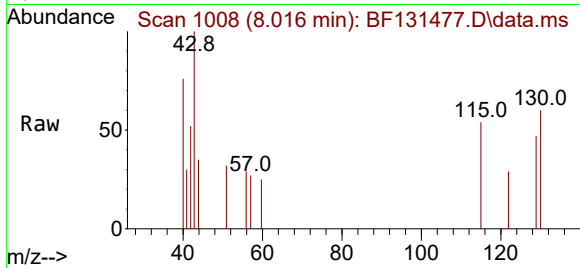




#32
Benzoic acid
Concen: 5.152 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.018 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

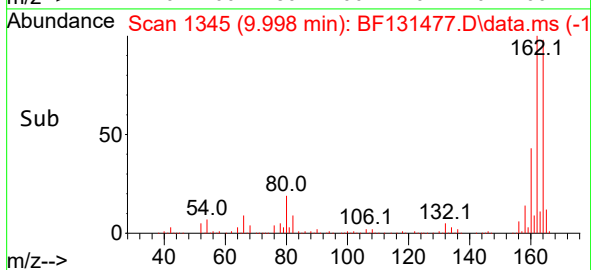
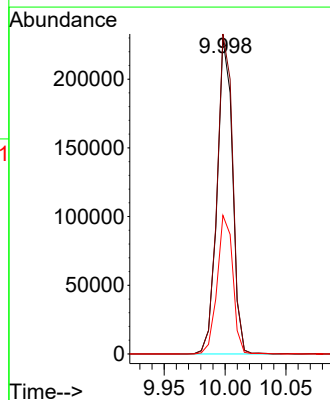
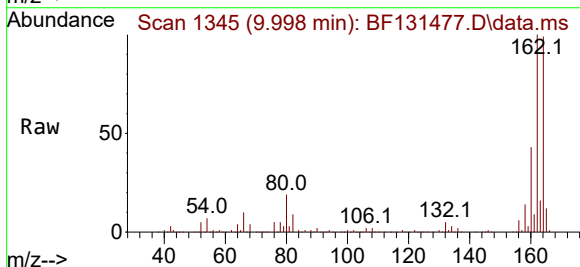
Instrument :
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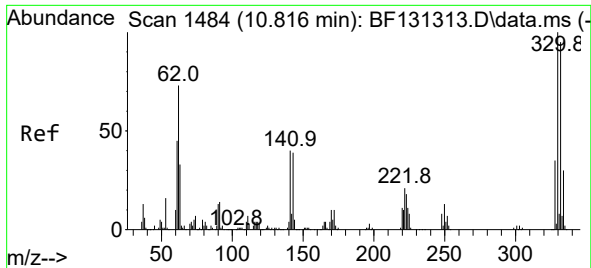
Tgt Ion:122	Resp:	67
Ion	Ratio	Lower Upper
122	100	
105	0.0	103.8 143.8#
77	0.0	74.3 114.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

Tgt Ion:164	Resp:	201879
Ion	Ratio	Lower Upper
164	100	
162	101.4	80.6 120.8
160	43.9	34.4 51.6

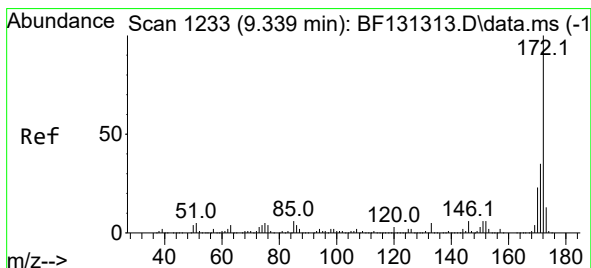
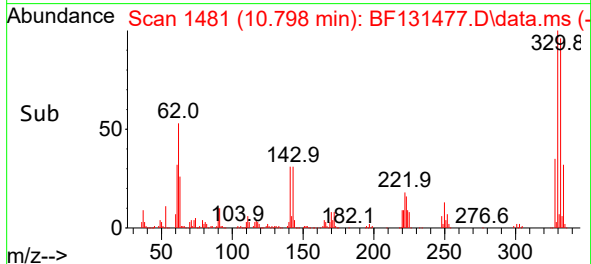
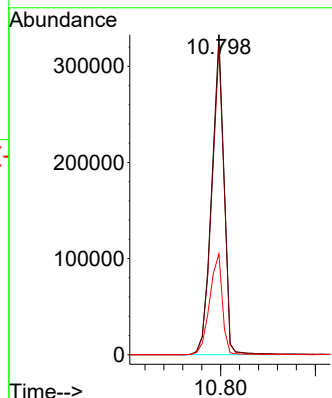
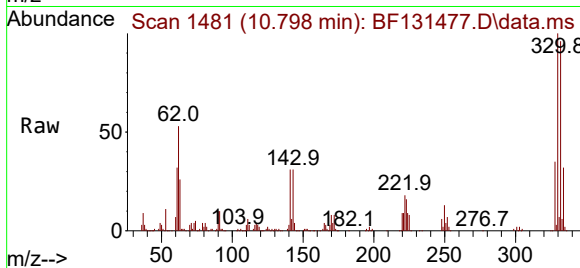




#42
2,4,6-Tribromophenol
Concen: 176.001 ng
RT: 10.798 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

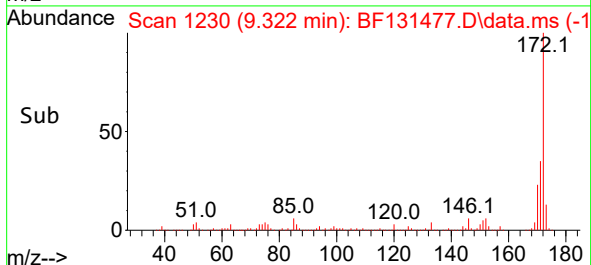
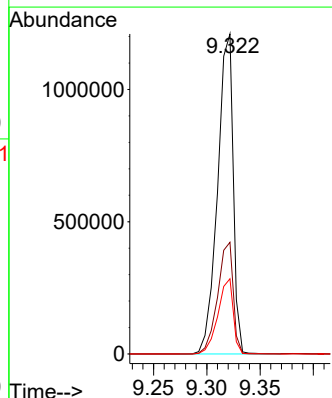
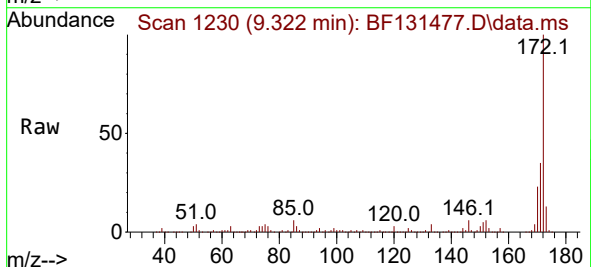
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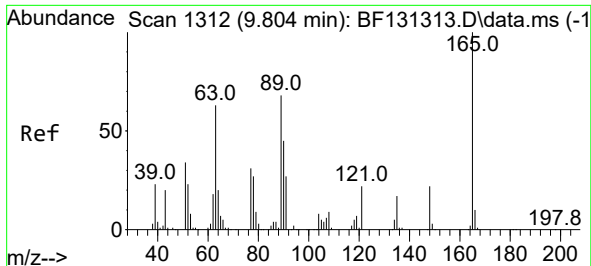
Tgt Ion:330 Resp: 298925
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 32.9 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 88.986 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

Tgt Ion:172 Resp: 1234823
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.5 18.7 28.1

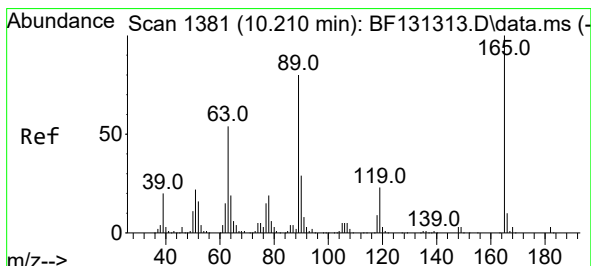
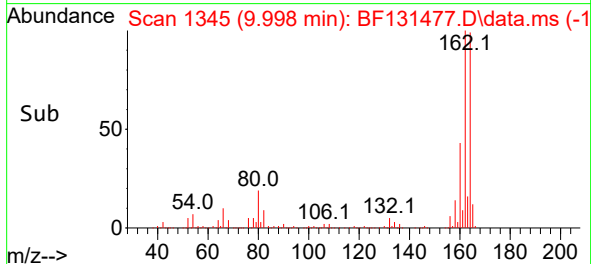
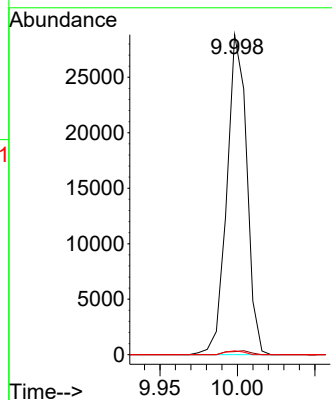
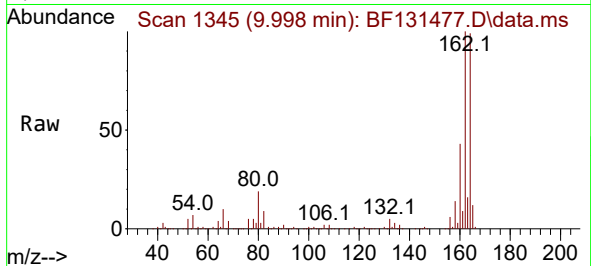




#51
2,6-Dinitrotoluene
Concen: 9.163 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.212 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

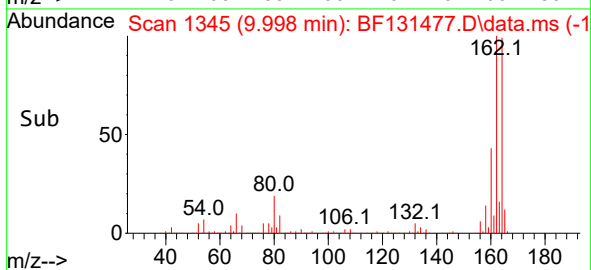
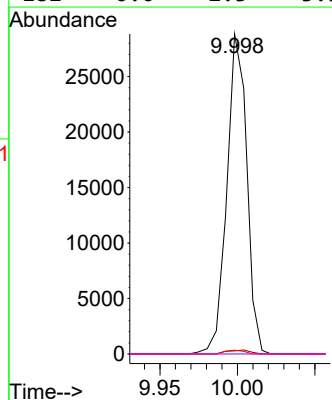
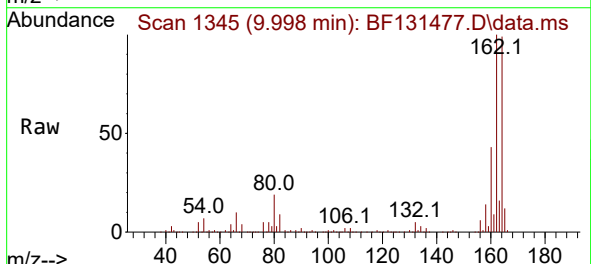
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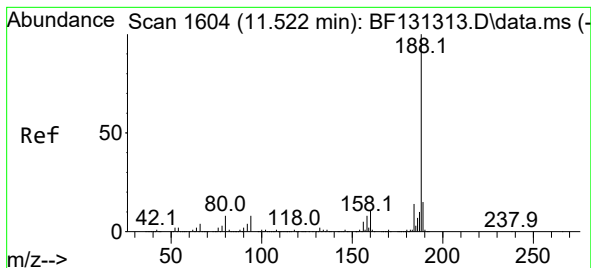
Tgt Ion:165 Resp: 25776
Ion Ratio Lower Upper
165 100
63 1.0 62.0 93.0#
89 1.2 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.283 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.194 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

Tgt Ion:165 Resp: 25776
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.2#
89 1.2 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: BF131477.D

Acq: 30 Nov 2022 18:20

Instrument :

BNA_F

ClientSampleId :

TP-13

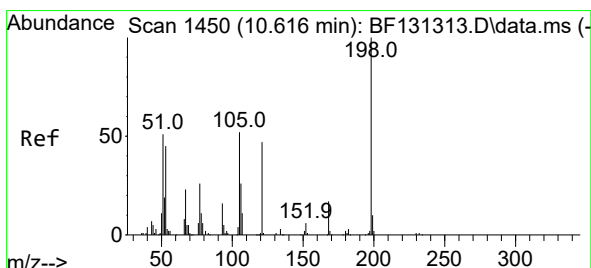
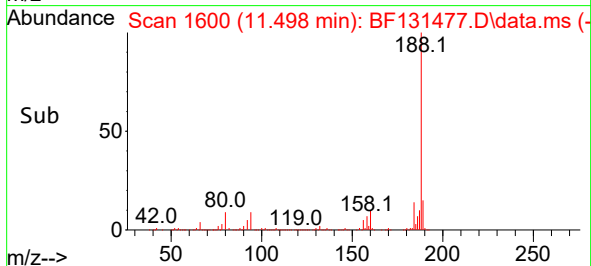
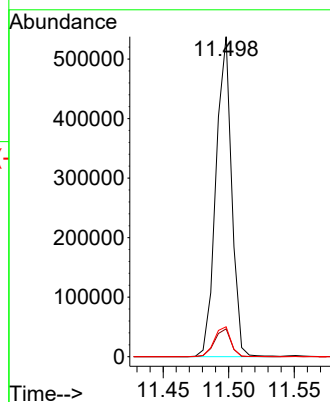
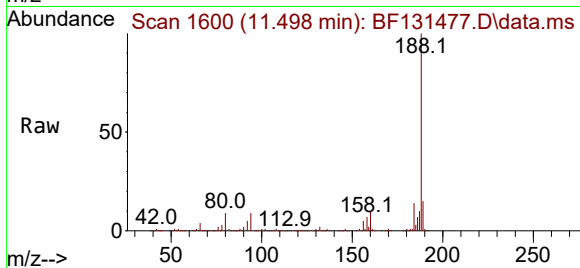
Tgt Ion:188 Resp: 447135

Ion Ratio Lower Upper

188 100

94 8.7 6.3 9.5

80 9.4 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.966 ng

RT: 10.798 min Scan# 1481

Delta R.T. 0.200 min

Lab File: BF131477.D

Acq: 30 Nov 2022 18:20

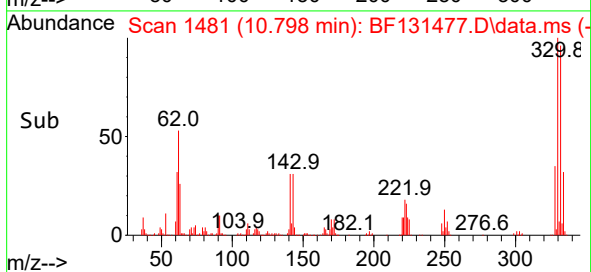
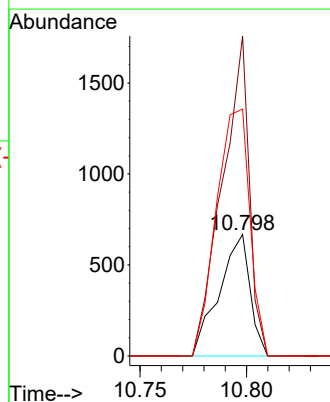
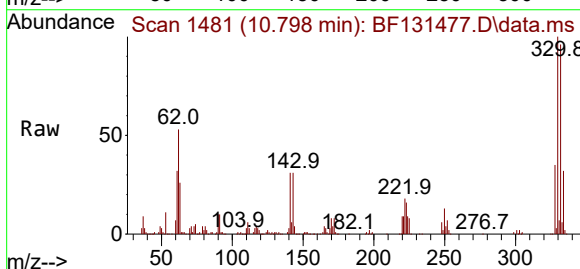
Tgt Ion:198 Resp: 672

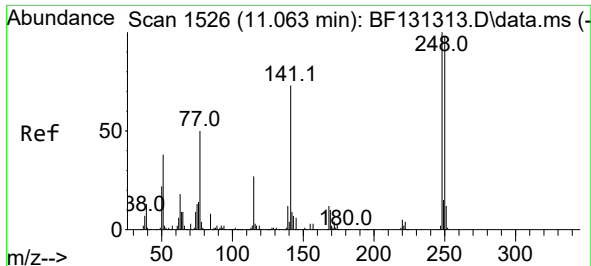
Ion Ratio Lower Upper

198 100

51 263.6 50.1 90.1#

105 203.3 32.5 72.5#

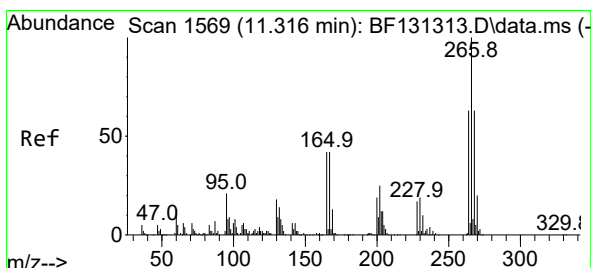
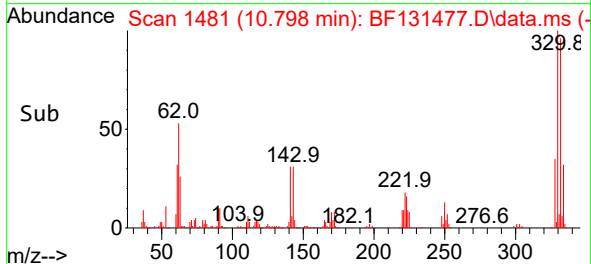
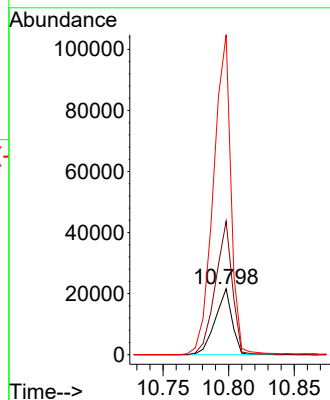
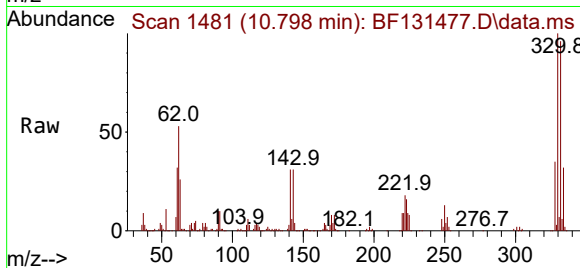




#67
4-Bromophenyl-phenylether
Concen: 3.522 ng
RT: 10.798 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

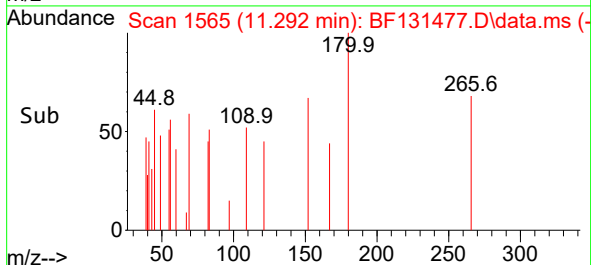
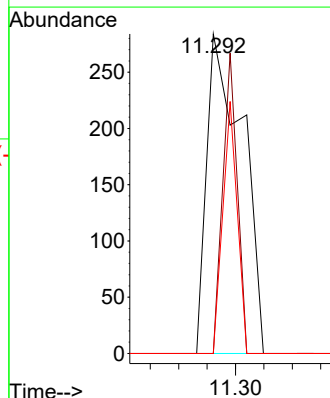
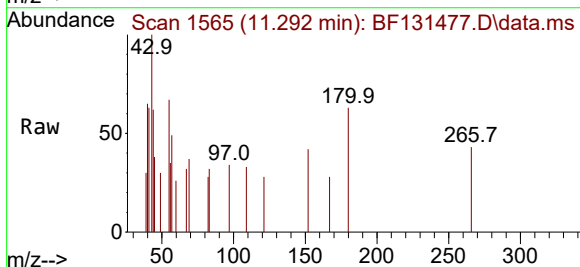
Instrument :
BNA_F
ClientSampleId :
TP-13

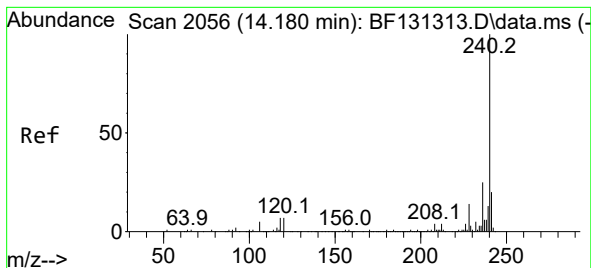
Tgt Ion:248 Resp: 19299
Ion Ratio Lower Upper
248 100
250 202.6 78.3 117.5#
141 485.6 58.0 87.0#



#70
Pentachlorophenol
Concen: 4.947 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

Tgt Ion:266 Resp: 247
Ion Ratio Lower Upper
266 100
268 0.0 50.6 75.8#
264 0.0 50.4 75.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BF131477.D

Acq: 30 Nov 2022 18:20

Instrument :

BNA_F

ClientSampleId :

TP-13

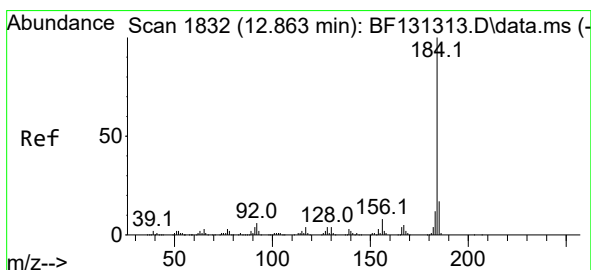
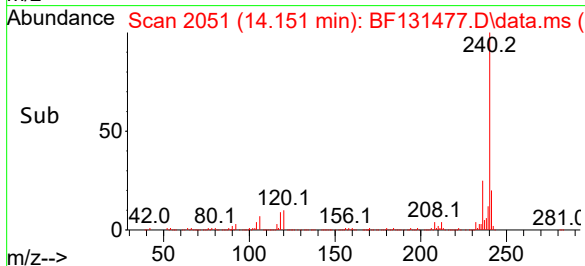
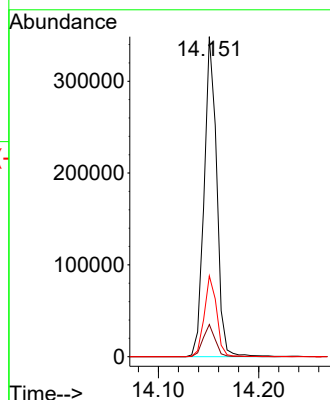
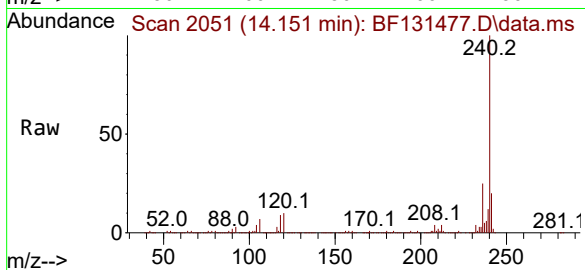
Tgt Ion:240 Resp: 303887

Ion Ratio Lower Upper

240 100

120 10.1 5.8 8.8#

236 25.3 20.3 30.5



#77

Benzidine

Concen: 3.705 ng

RT: 13.098 min Scan# 1872

Delta R.T. 0.253 min

Lab File: BF131477.D

Acq: 30 Nov 2022 18:20

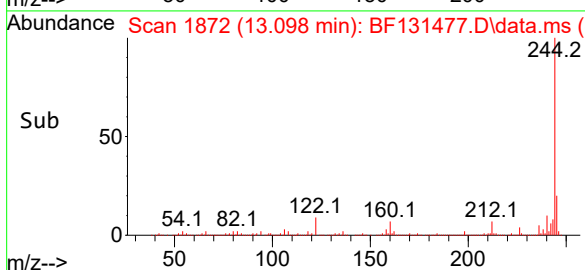
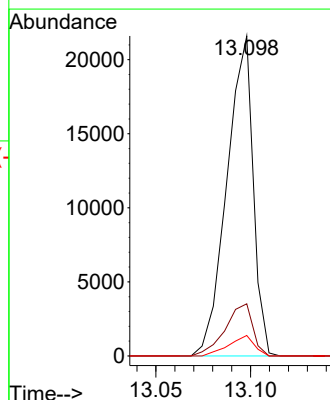
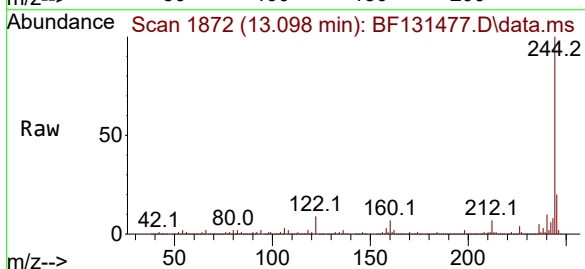
Tgt Ion:184 Resp: 20798

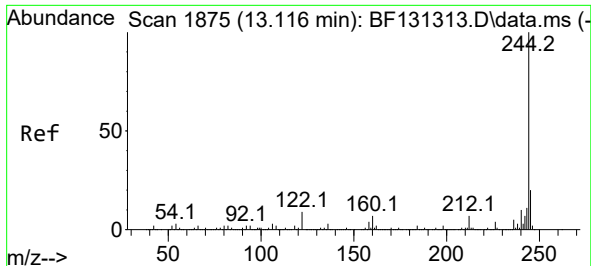
Ion Ratio Lower Upper

184 100

185 16.3 13.8 20.8

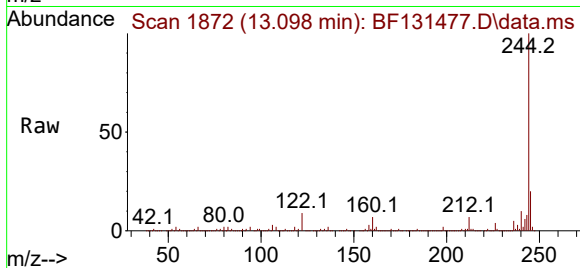
183 6.4 9.6 14.4#



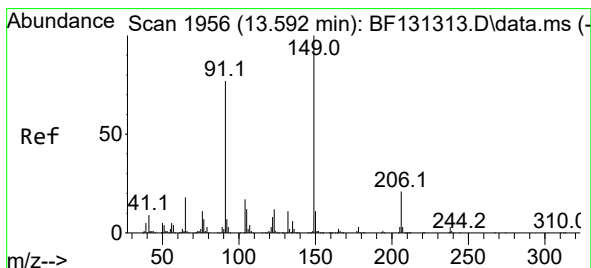
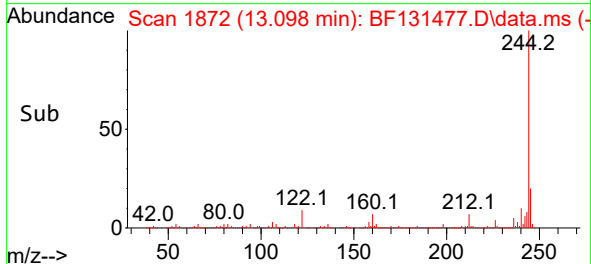
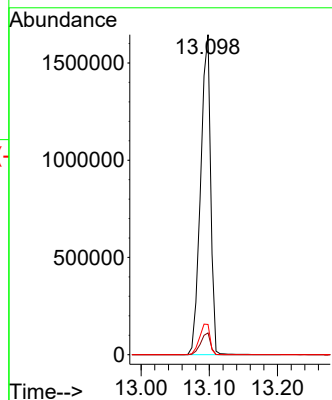


#79
 Terphenyl-d14
 Concen: 90.177 ng
 RT: 13.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131477.D
 Acq: 30 Nov 2022 18:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

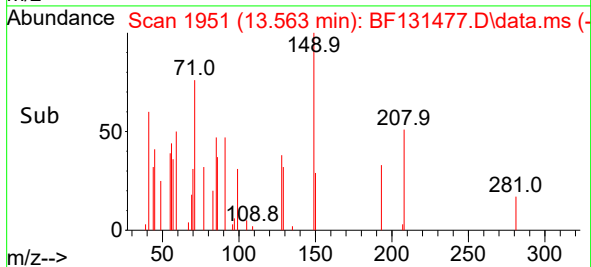
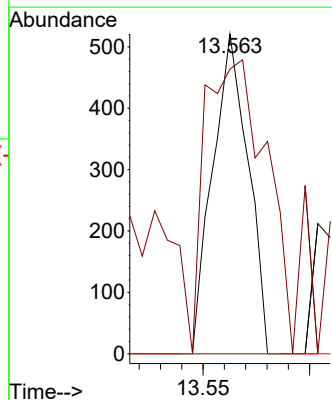
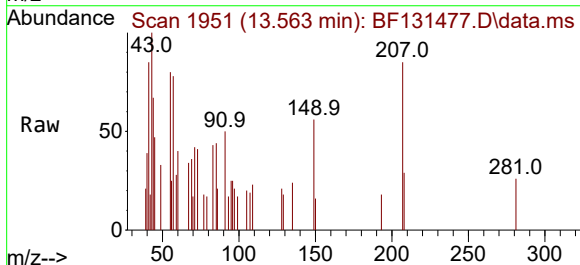


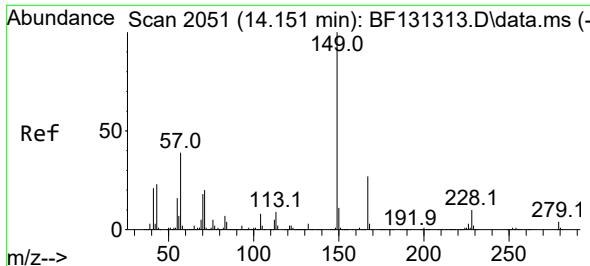
Tgt Ion:244 Resp: 1675792
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 9.5 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.205 ng
 RT: 13.563 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: BF131477.D
 Acq: 30 Nov 2022 18:20

Tgt Ion:149 Resp: 603
 Ion Ratio Lower Upper
 149 100
 91 89.1 61.9 92.9
 206 0.0 16.5 24.7#

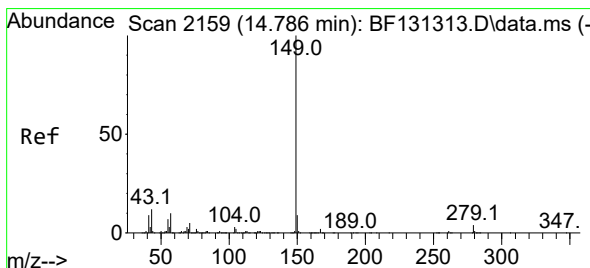
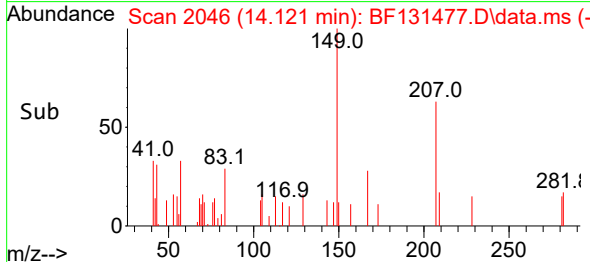
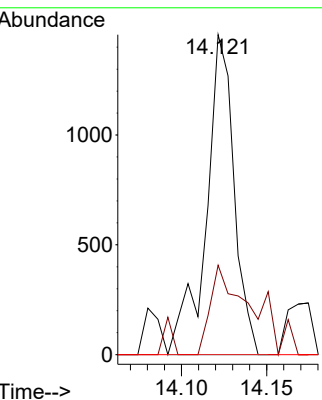
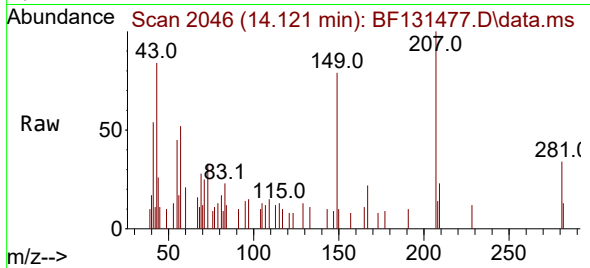




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.877 ng
 RT: 14.121 min Scan# 2046
 Delta R.T. -0.006 min
 Lab File: BF131477.D
 Acq: 30 Nov 2022 18:20

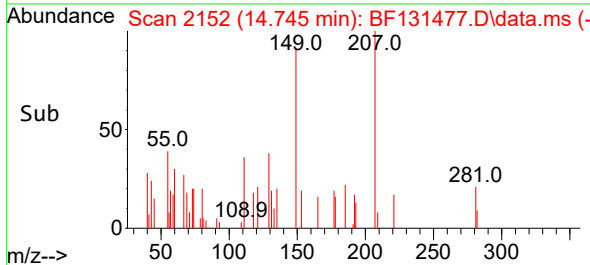
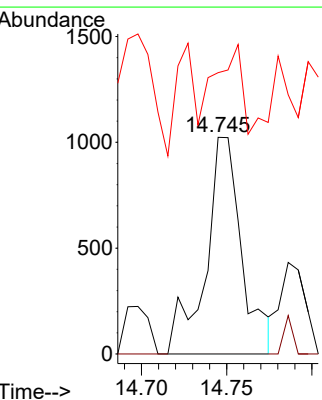
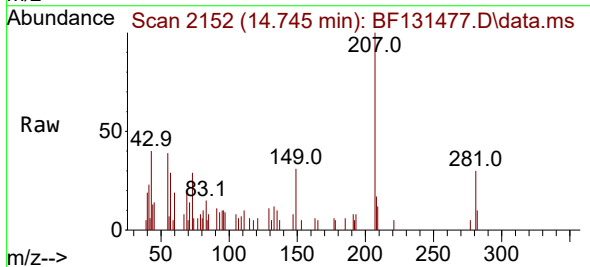
Instrument :
 BNA_F
 ClientSampleId :
 TP-13

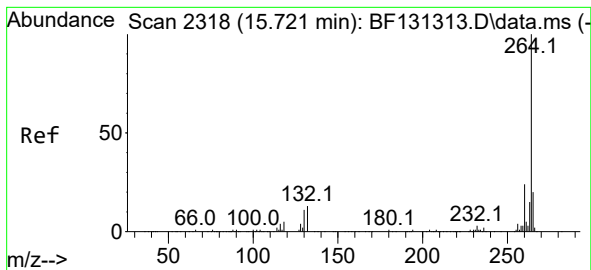
Tgt Ion:149 Resp: 1660
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.9 32.9
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 4.003 ng
 RT: 14.745 min Scan# 2152
 Delta R.T. -0.012 min
 Lab File: BF131477.D
 Acq: 30 Nov 2022 18:20

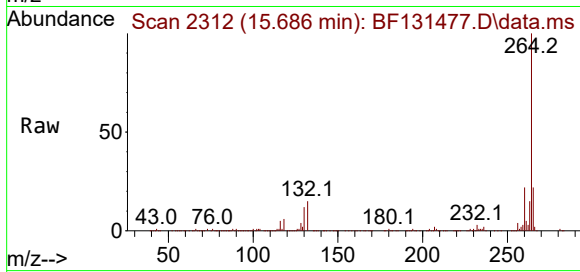
Tgt Ion:149 Resp: 1514
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 40.4 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131477.D
Acq: 30 Nov 2022 18:20

Instrument :
BNA_F
ClientSampleId :
TP-13



Tgt Ion:264 Resp: 247745
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.4
265 21.6 16.4 24.6

