

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
 Data File : BF131478.D
 Acq On : 30 Nov 2022 18:53
 Operator : CG\JU
 Sample : N5812-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-16

Quant Time: Dec 01 01:14:56 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

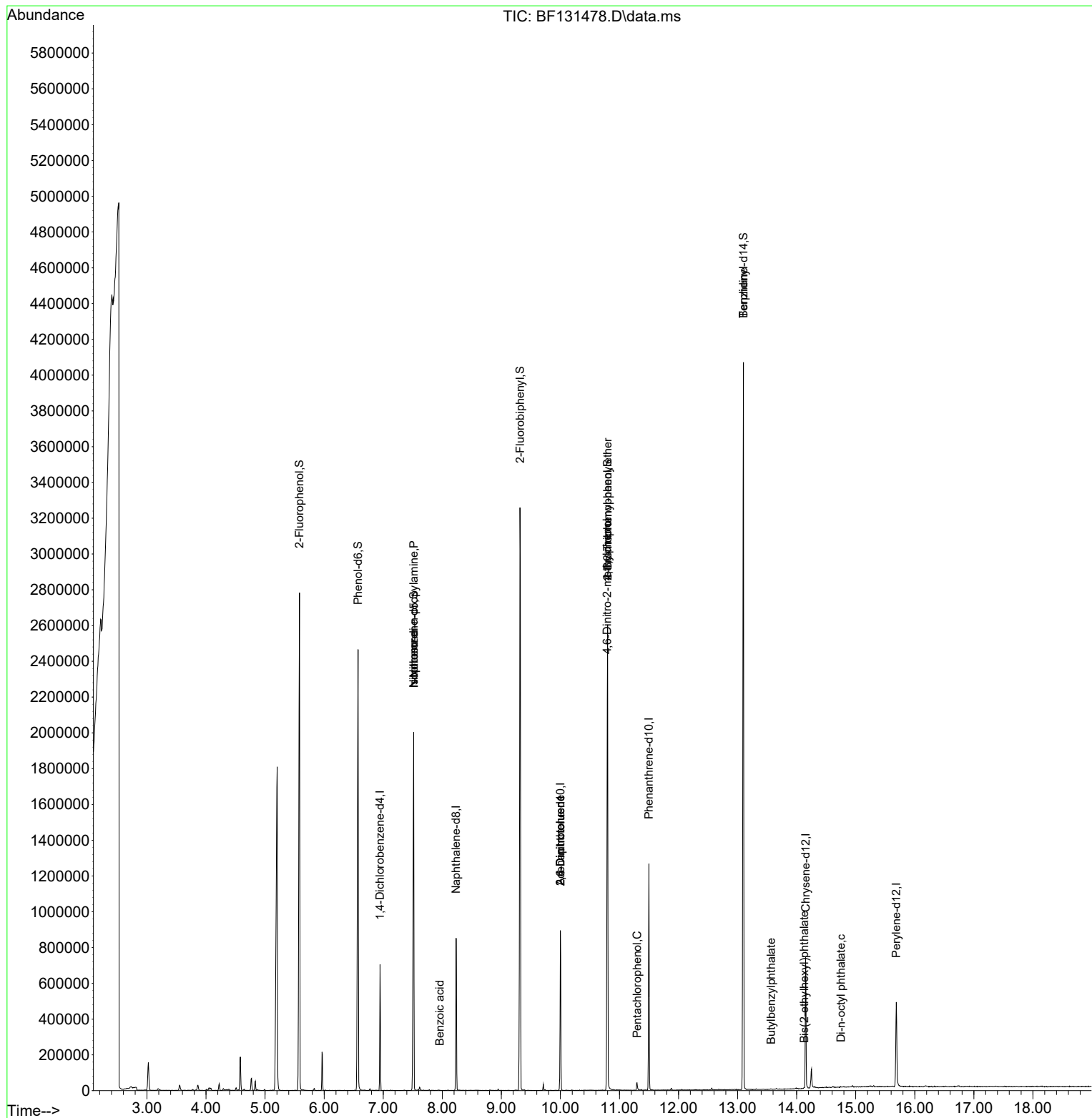
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	92193	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	346788	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	185228	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	420447	20.000	ng	0.00
76) Chrysene-d12	14.151	240	260918	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	231682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	748627	154.545	ng	0.02
7) Phenol-d6	6.575	99	876639	141.840	ng	0.00
23) Nitrobenzene-d5	7.516	82	661535	96.160	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	335424	215.245	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1124347	88.309	ng	0.00
79) Terphenyl-d14	13.098	244	1562616	97.935	ng	0.00
Target Compounds						
9) Benzaldehyde	6.575	77	1615	Below Cal		Qvalue # 4
19) n-Nitroso-di-n-propyla...	7.516	70	91272	20.173	ng	# 70
25) Isophorone	7.516	82	661529	53.898	ng	# 68
32) Benzoic acid	7.957	122	62	5.151	ng	# 84
51) 2,6-Dinitrotoluene	9.998	165	23491	9.102	ng	# 15
57) 2,4-Dinitrotoluene	9.998	165	23491	7.234	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.792	198	885	5.124	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	21337	4.141	ng	# 1
70) Pentachlorophenol	11.298	266	7256	7.022	ng	97
77) Benzidine	13.098	184	19439	4.033	ng	# 89
80) Butylbenzylphthalate	13.569	149	565	4.210	ng	# 79
84) Bis(2-ethylhexyl)phtha...	14.127	149	1631	3.895	ng	# 84
85) Di-n-octyl phthalate	14.751	149	1375	4.009	ng	# 81

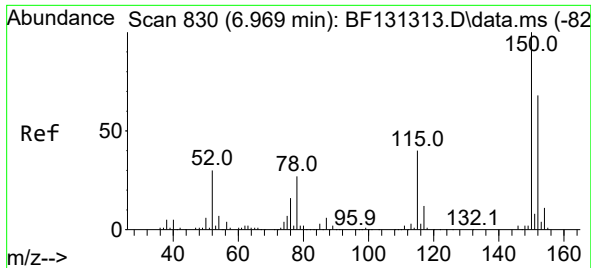
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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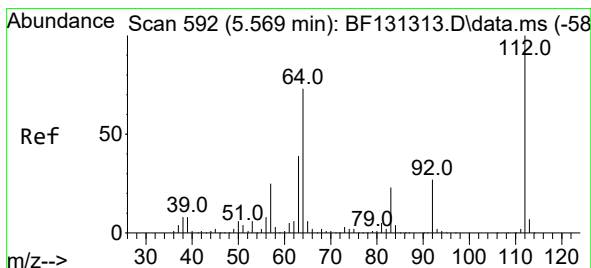
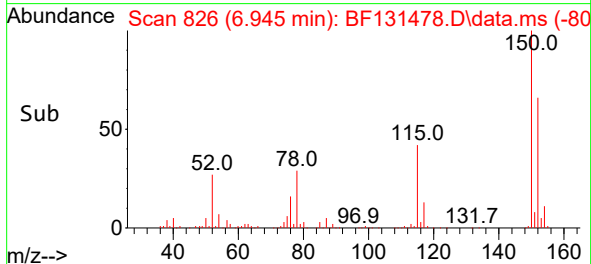
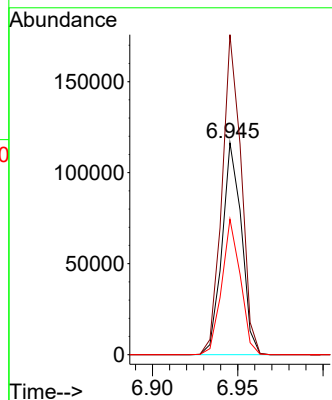
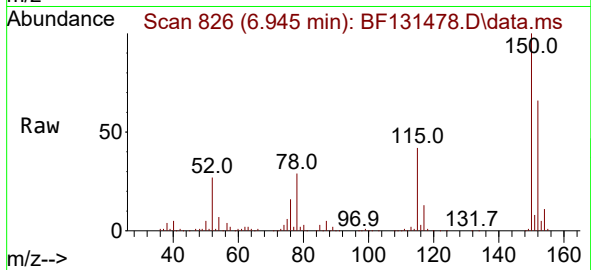




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

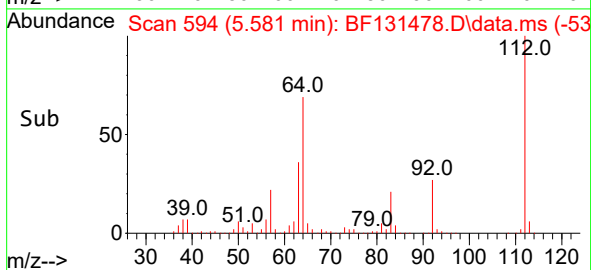
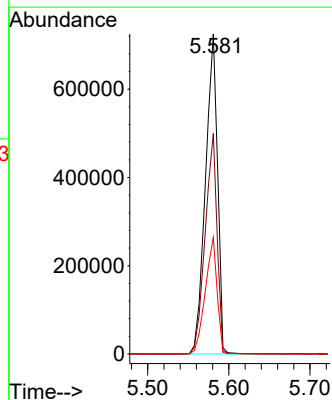
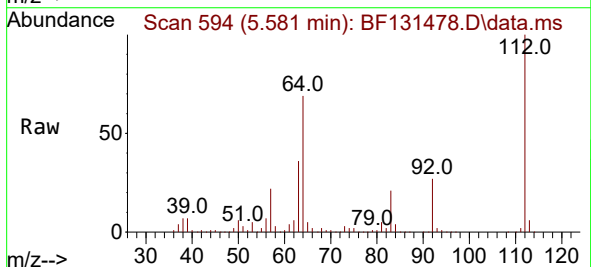
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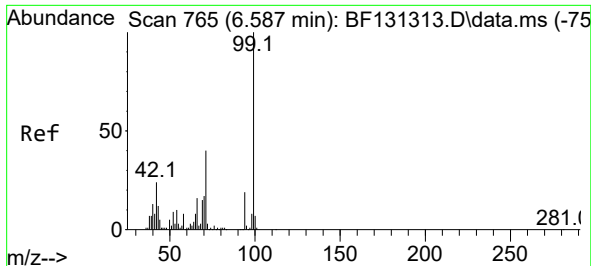
Tgt Ion:152 Resp: 92193
Ion Ratio Lower Upper
152 100
150 151.0 117.8 176.8
115 64.0 47.1 70.7



#5
2-Fluorophenol
Concen: 154.545 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.024 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

Tgt Ion:112 Resp: 748627
Ion Ratio Lower Upper
112 100
64 68.9 58.6 88.0
63 36.4 31.4 47.0

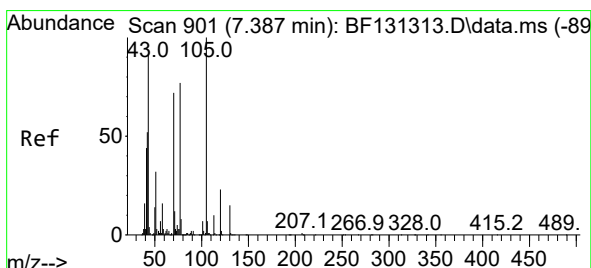
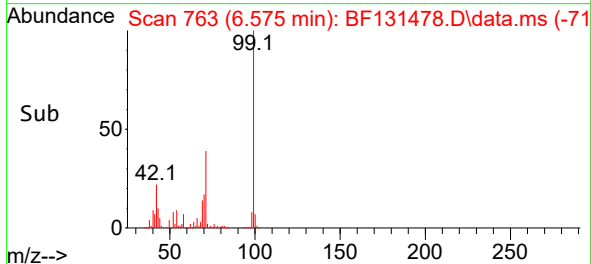
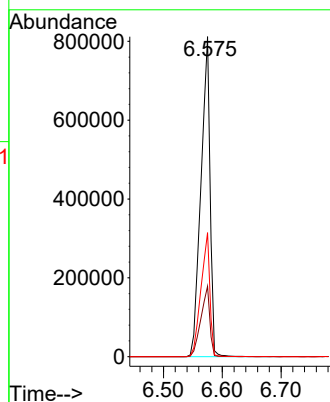
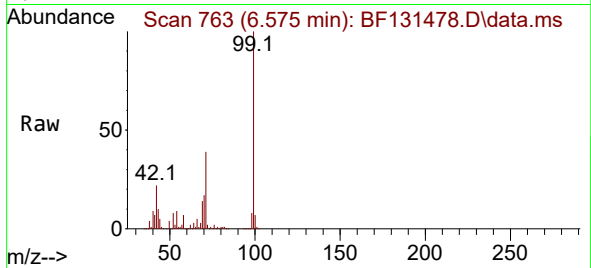




#7
Phenol-d6
Concen: 141.840 ng
RT: 6.575 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

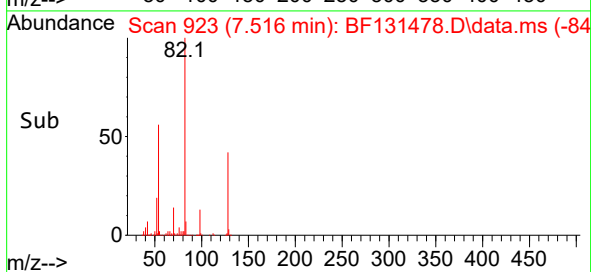
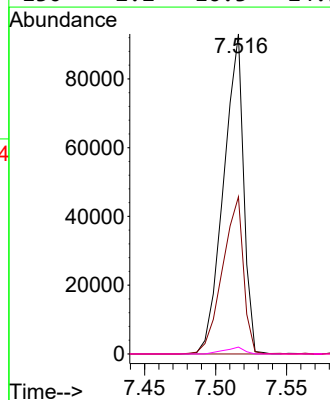
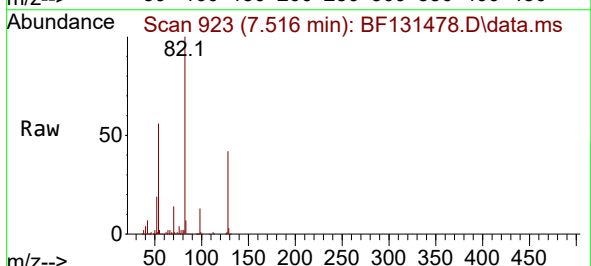
Instrument :
BNA_F
ClientSampleId :
MH-16

Tgt Ion: 99 Resp: 876639
Ion Ratio Lower Upper
99 100
42 22.0 19.4 29.2
71 38.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.173 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.153 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

Tgt Ion: 70 Resp: 91272
Ion Ratio Lower Upper
70 100
42 49.1 57.6 86.4#
101 0.0 8.2 12.2#
130 2.2 16.3 24.5#

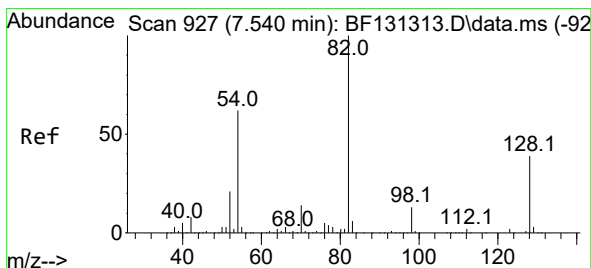
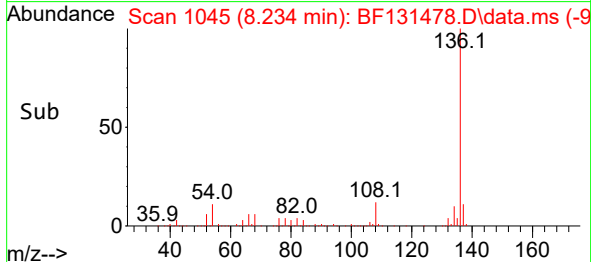
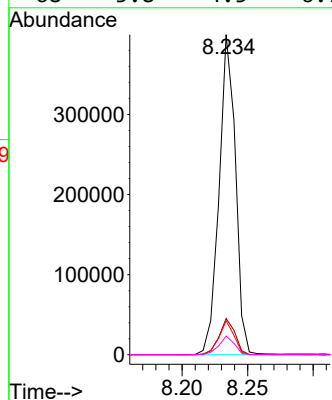
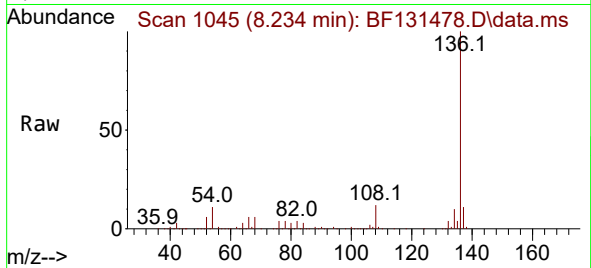




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

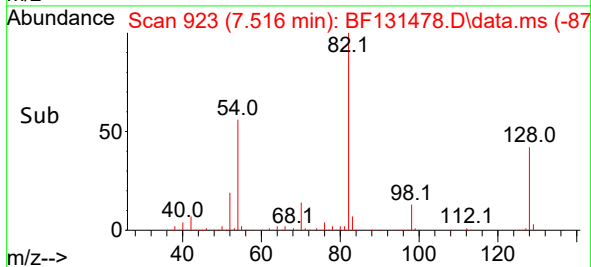
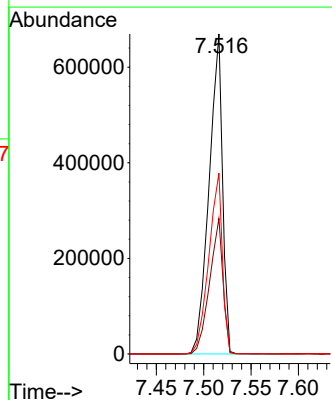
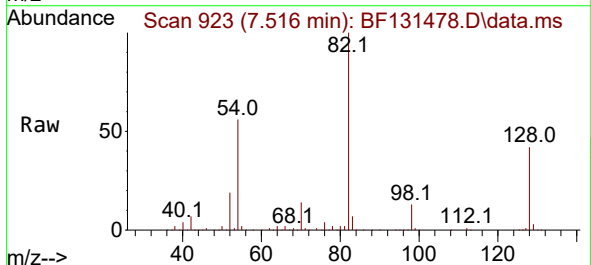
Instrument :
BNA_F
ClientSampleId :
MH-16

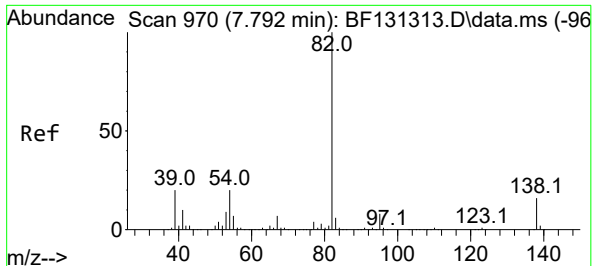
Tgt Ion:136 Resp: 346788
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 10.6 9.4 14.0
68 5.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 96.160 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.000 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

Tgt Ion: 82 Resp: 661535
Ion Ratio Lower Upper
82 100
128 42.3 31.4 47.0
54 56.5 49.8 74.6

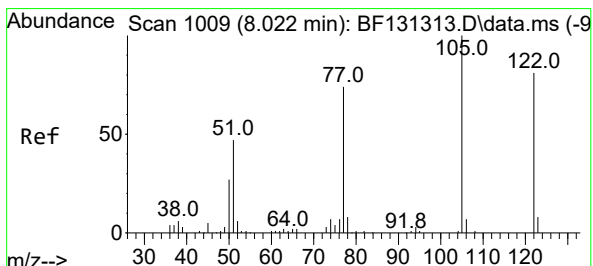
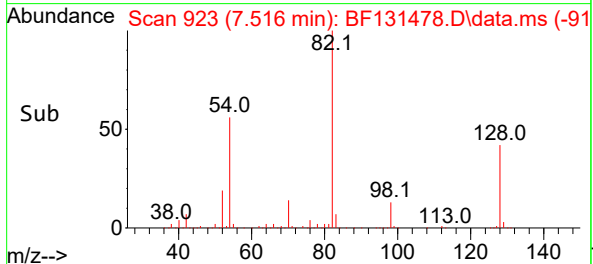
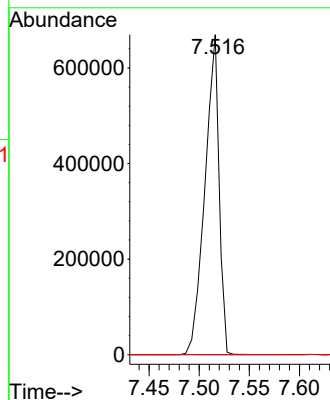
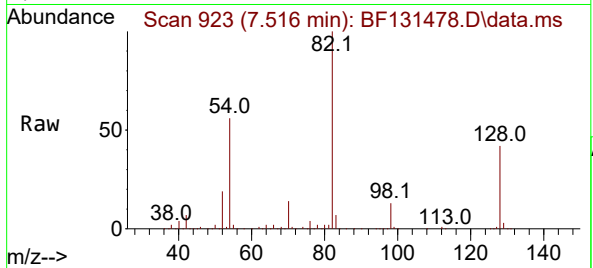




#25
Isophorone
Concen: 53.898 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

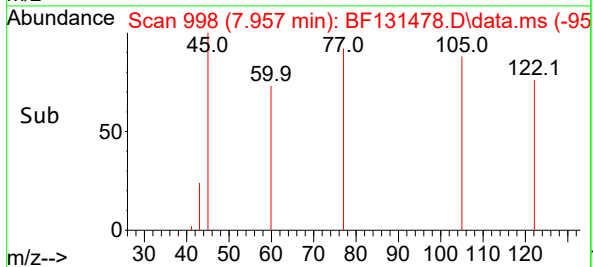
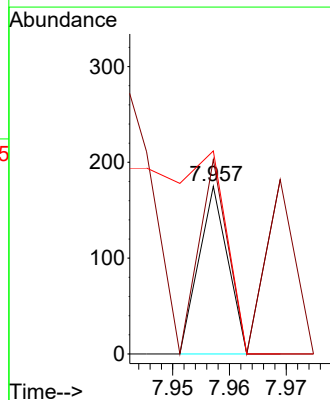
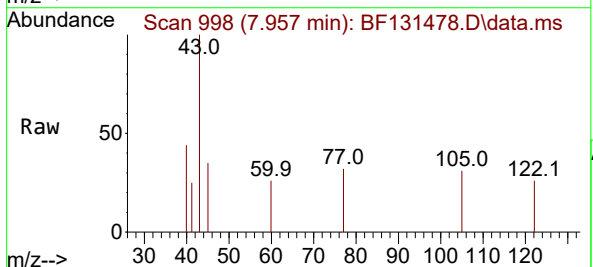
Instrument :
BNA_F
ClientSampleId :
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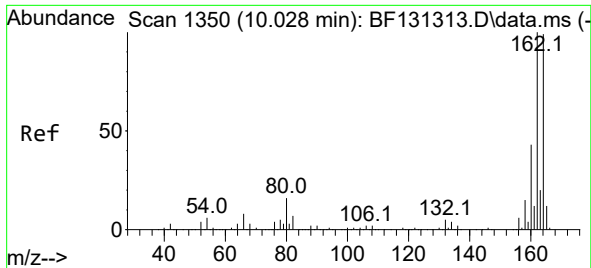
Tgt Ion: 82 Resp: 661529
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.151 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.041 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

Tgt Ion: 122 Resp: 62
Ion Ratio Lower Upper
122 100
105 116.0 103.8 143.8
77 121.1 74.3 114.3#

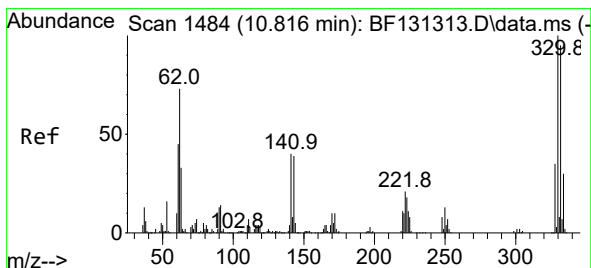
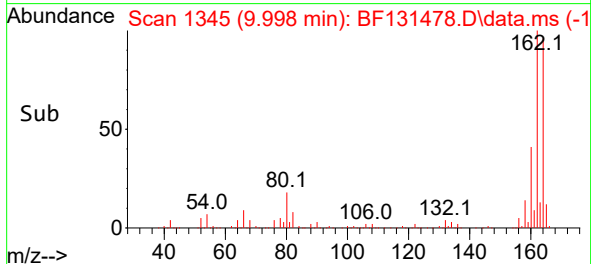
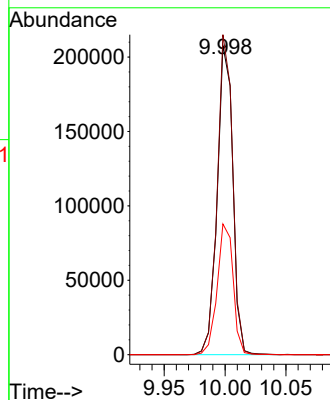
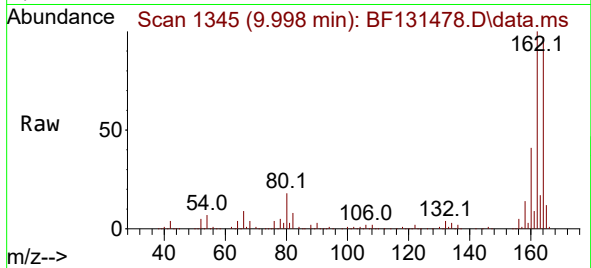




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

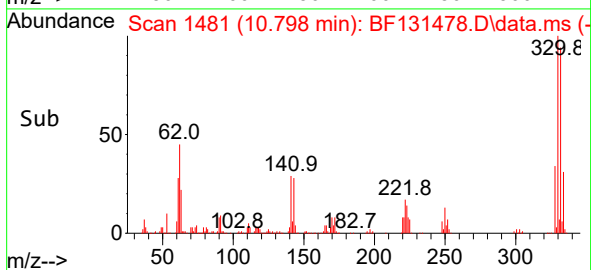
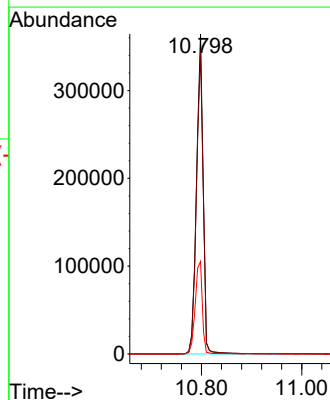
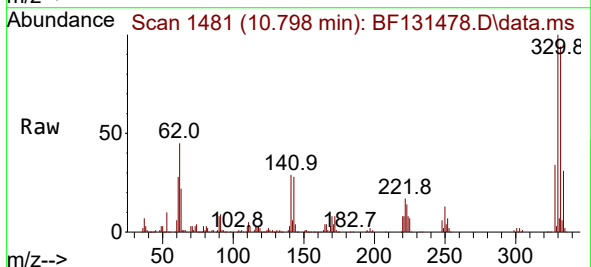
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ClientSampleId :
MH-16

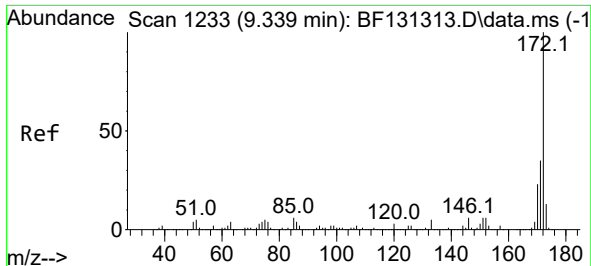
Tgt Ion:164 Resp: 185228
Ion Ratio Lower Upper
164 100
162 103.5 80.6 120.8
160 42.3 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 215.245 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

Tgt Ion:330 Resp: 335424
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 30.9 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 88.309 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131478.D

Acq: 30 Nov 2022 18:53

Instrument :

BNA_F

ClientSampleId :

MH-16

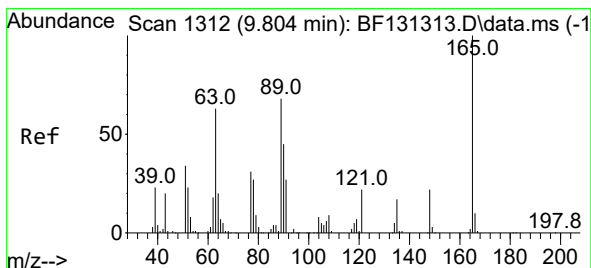
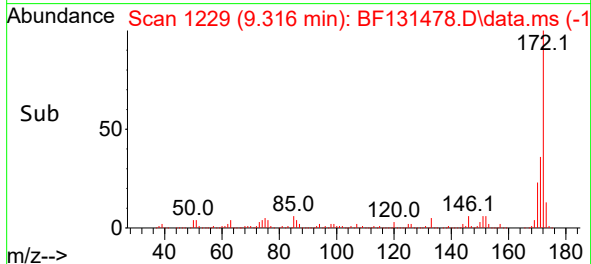
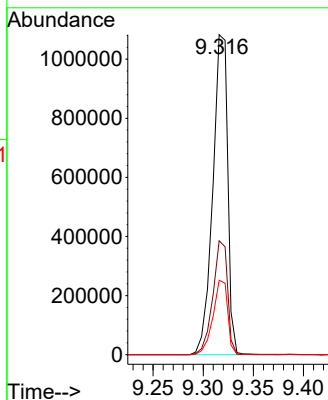
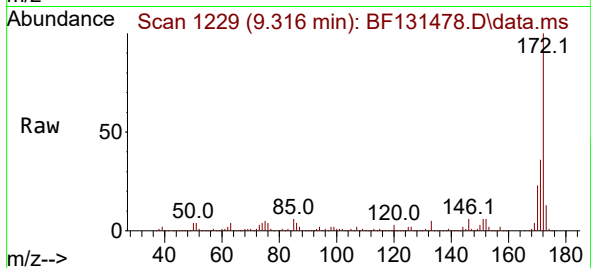
Tgt Ion:172 Resp: 1124347

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.2 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.102 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.212 min

Lab File: BF131478.D

Acq: 30 Nov 2022 18:53

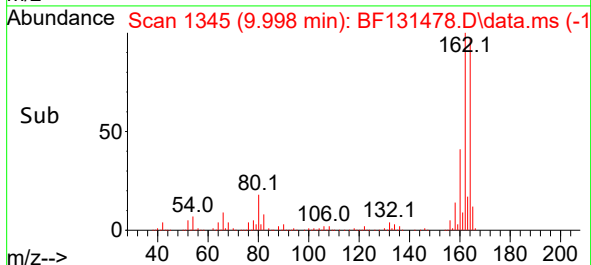
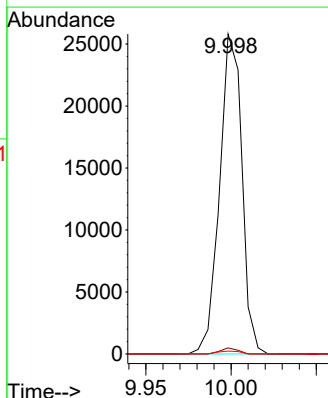
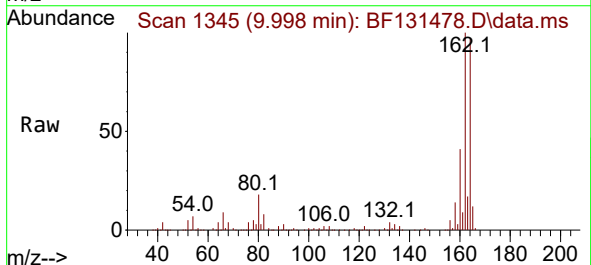
Tgt Ion:165 Resp: 23491

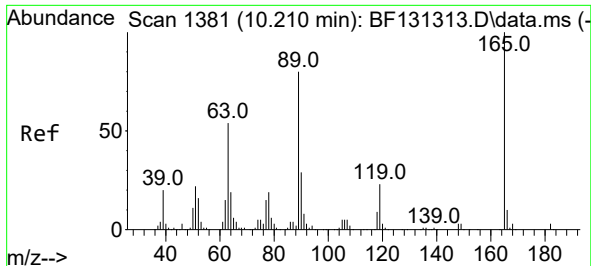
Ion Ratio Lower Upper

165 100

63 1.9 62.0 93.0#

89 0.9 54.4 81.6#

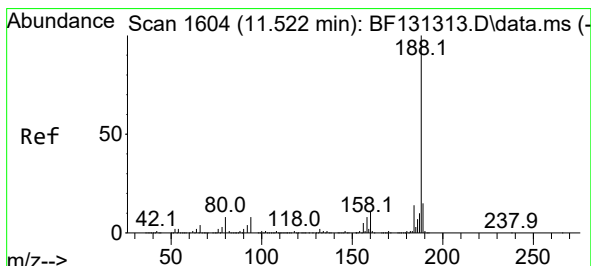
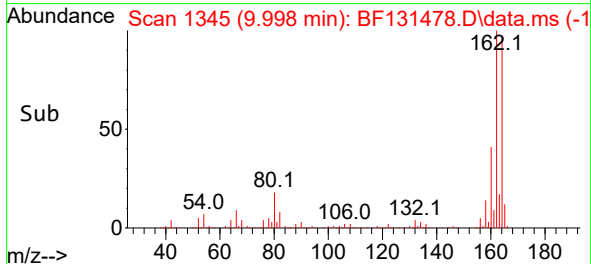
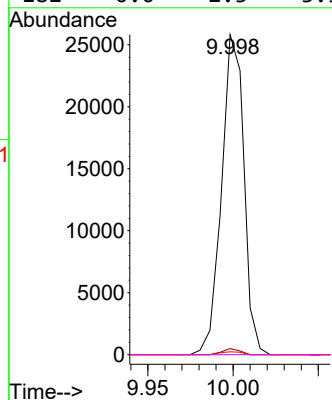
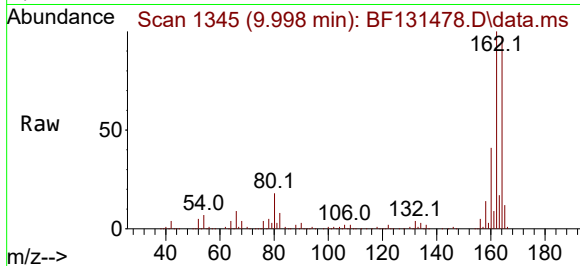




#57
2,4-Dinitrotoluene
Concen: 7.234 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

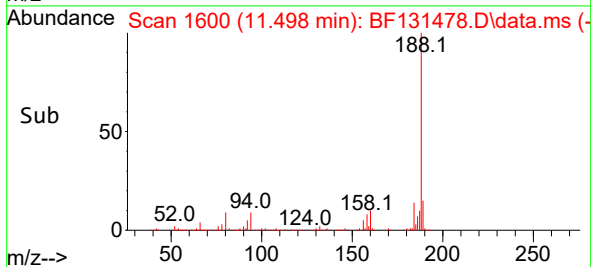
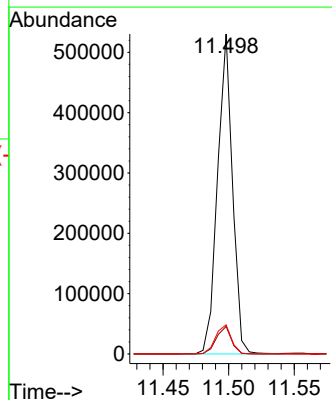
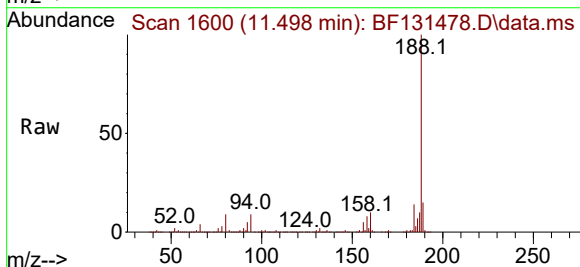
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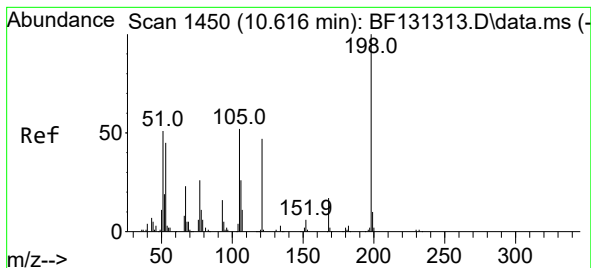
Tgt Ion:165 Resp: 23491
Ion Ratio Lower Upper
165 100
63 1.9 43.4 65.2#
89 0.9 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

Tgt Ion:188 Resp: 420447
Ion Ratio Lower Upper
188 100
94 8.6 6.3 9.5
80 9.1 6.8 10.2

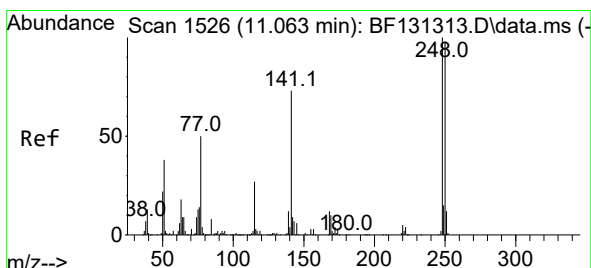
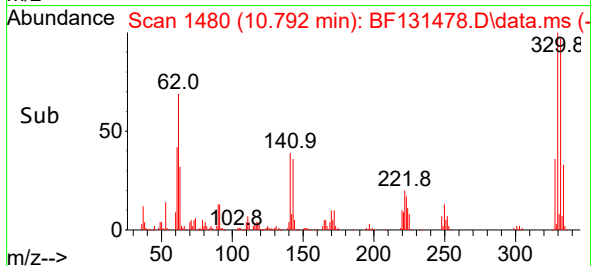
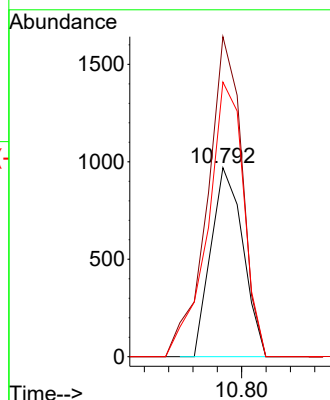
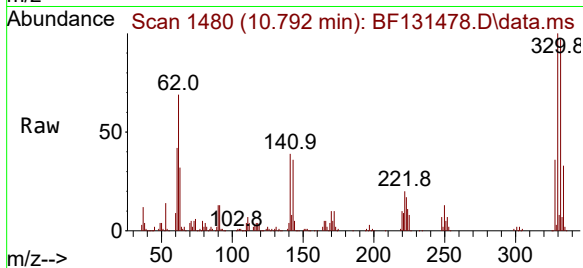




#65
4,6-Dinitro-2-methylphenol
Concen: 5.124 ng
RT: 10.792 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

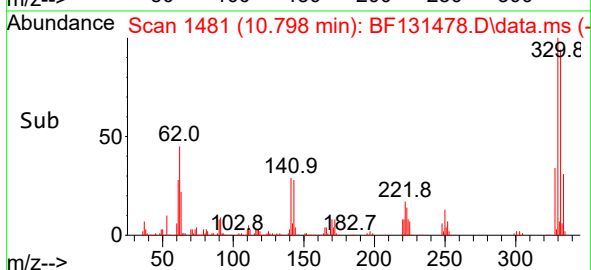
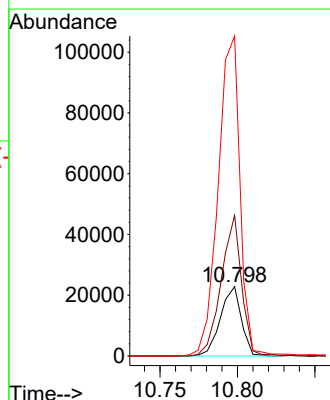
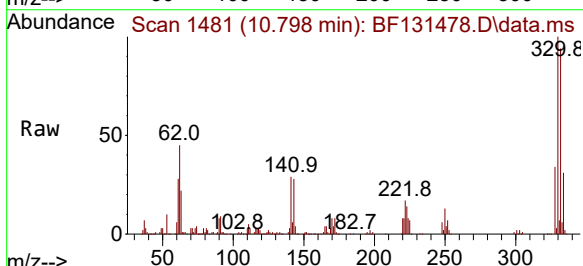
Instrument :
BNA_F
ClientSampleId :
MH-16

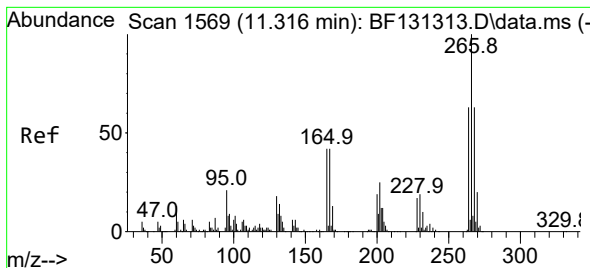
Tgt Ion:198 Resp: 885
Ion Ratio Lower Upper
198 100
51 169.3 50.1 90.1#
105 145.3 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 4.141 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.241 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

Tgt Ion:248 Resp: 21337
Ion Ratio Lower Upper
248 100
250 203.0 78.3 117.5#
141 461.9 58.0 87.0#





#70

Pentachlorophenol

Concen: 7.022 ng

RT: 11.298 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131478.D

Acq: 30 Nov 2022 18:53

Instrument :

BNA_F

ClientSampleId :

MH-16

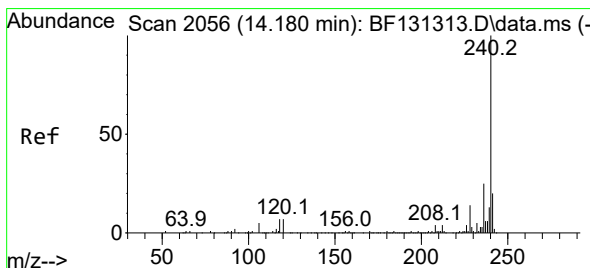
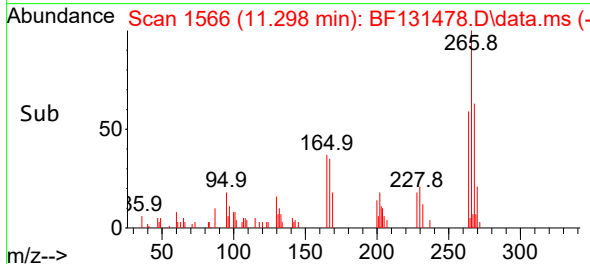
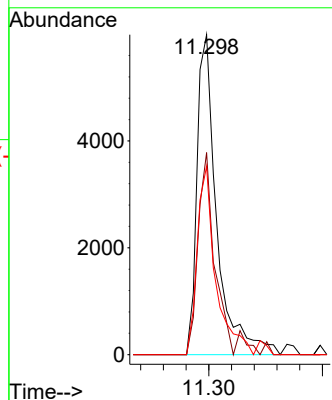
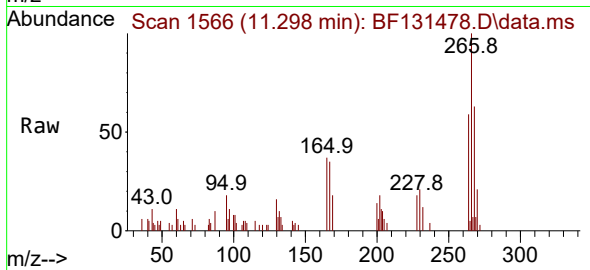
Tgt Ion:266 Resp: 7256

Ion Ratio Lower Upper

266 100

268 63.2 50.6 75.8

264 58.9 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: BF131478.D

Acq: 30 Nov 2022 18:53

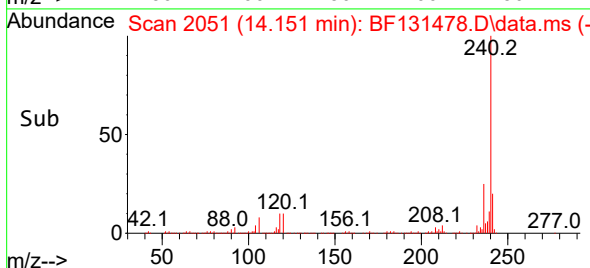
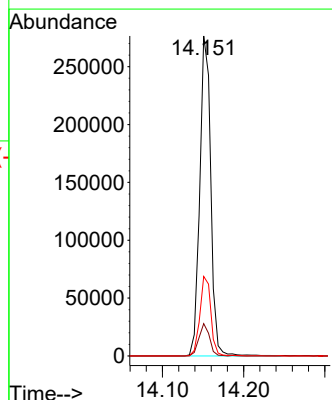
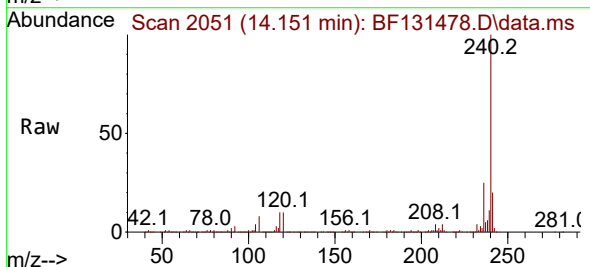
Tgt Ion:240 Resp: 260918

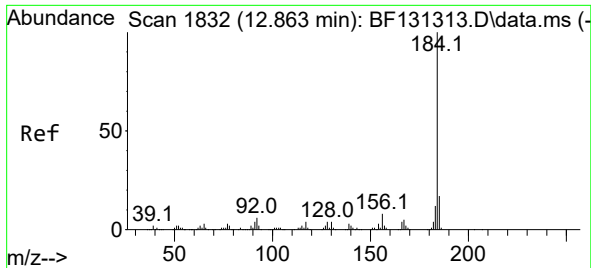
Ion Ratio Lower Upper

240 100

120 10.1 5.8 8.8#

236 24.9 20.3 30.5

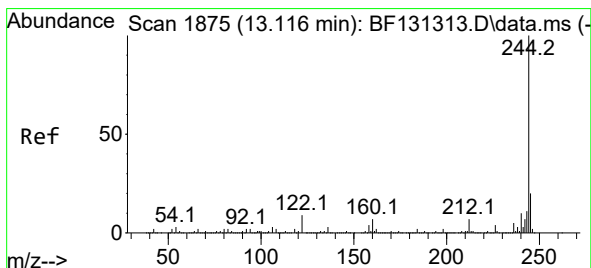
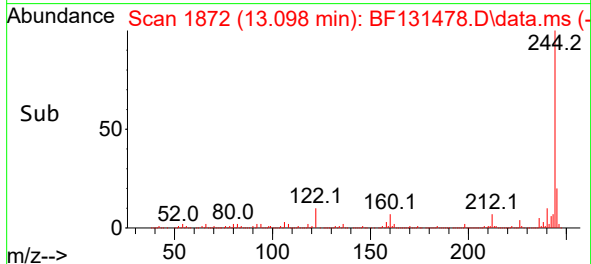
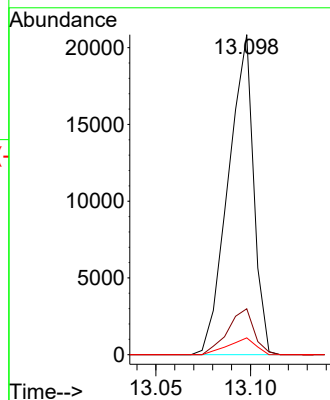
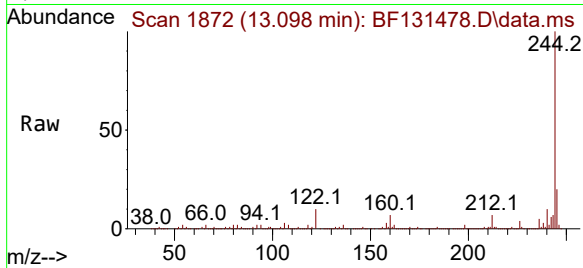




#77
Benzidine
Concen: 4.033 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.253 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

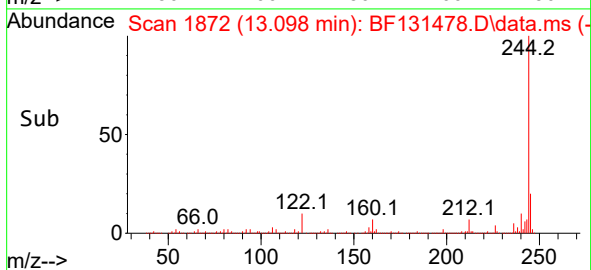
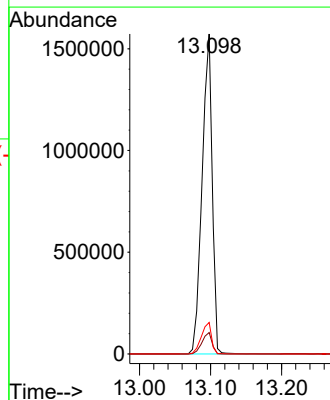
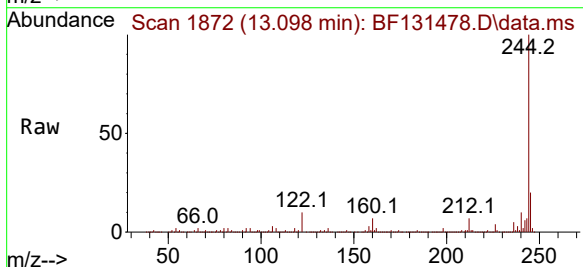
Instrument :
BNA_F
ClientSampleId :
MH-16

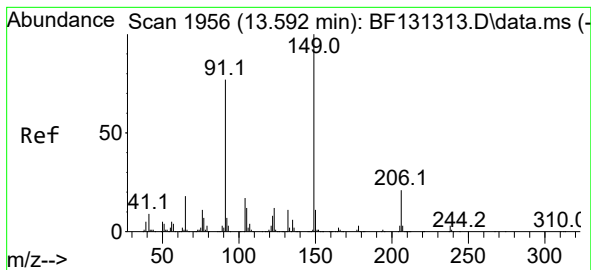
Tgt Ion:184 Resp: 19439
Ion Ratio Lower Upper
184 100
185 14.3 13.8 20.8
183 5.2 9.6 14.4#



#79
Terphenyl-d14
Concen: 97.935 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

Tgt Ion:244 Resp: 1562616
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.9 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.210 ng

RT: 13.569 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BF131478.D

Acq: 30 Nov 2022 18:53

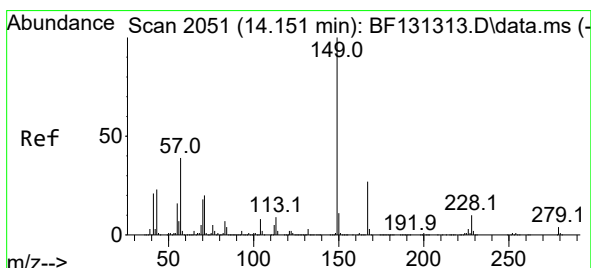
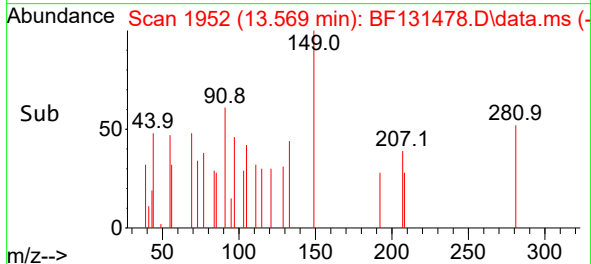
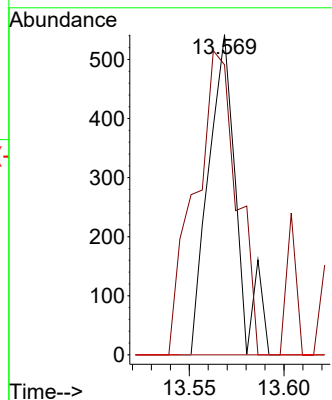
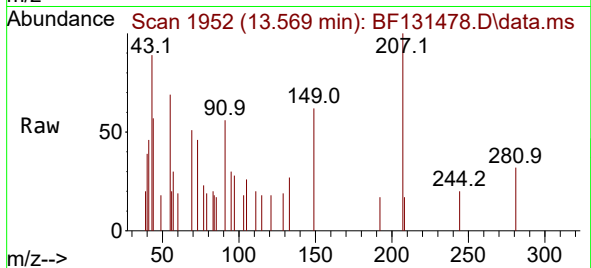
Instrument :

BNA_F

ClientSampleId :

MH-16

Tgt Ion:	149	Resp:	565
Ion	Ratio	Lower	Upper
149	100		
91	90.6	61.9	92.9
206	0.0	16.5	24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.895 ng

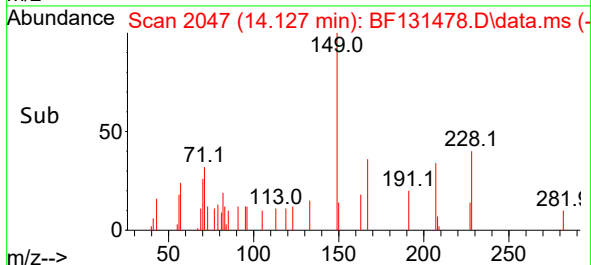
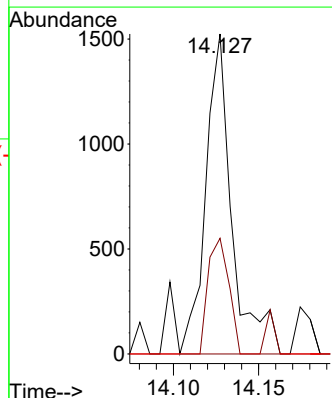
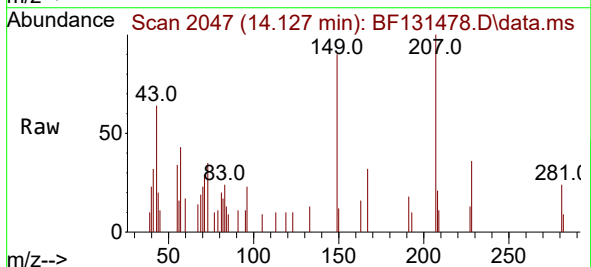
RT: 14.127 min Scan# 2047

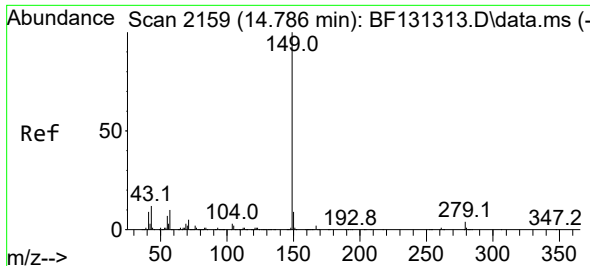
Delta R.T. 0.000 min

Lab File: BF131478.D

Acq: 30 Nov 2022 18:53

Tgt Ion:	149	Resp:	1631
Ion	Ratio	Lower	Upper
149	100		
167	36.2	21.9	32.9#
279	0.0	3.0	4.4#

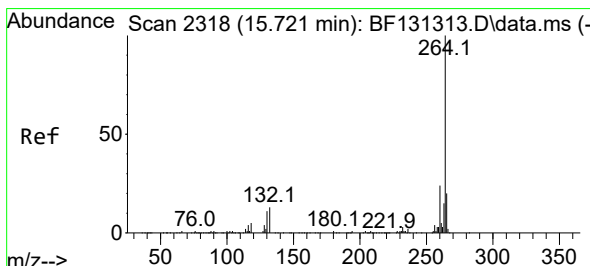
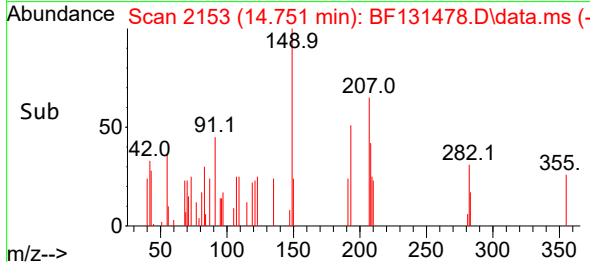
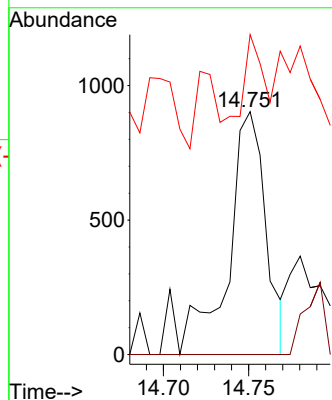
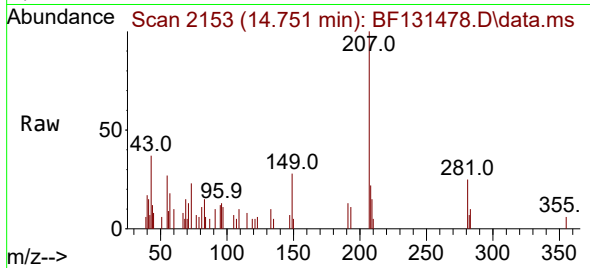




#85
Di-n-octyl phthalate
Concen: 4.009 ng
RT: 14.751 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BF131478.D
Acq: 30 Nov 2022 18:53

Instrument :
BNA_F
ClientSampleId :
MH-16

Tgt Ion:149 Resp: 1375
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 21.9 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: BF131478.D
Acq: 30 Nov 2022 18:53

Tgt Ion:264 Resp: 231682
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.4
265 20.7 16.4 24.6

