

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131623.D
 Acq On : 13 Dec 2022 20:56
 Operator : CG\JU
 Sample : N5999-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-20

Quant Time: Dec 14 03:35:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

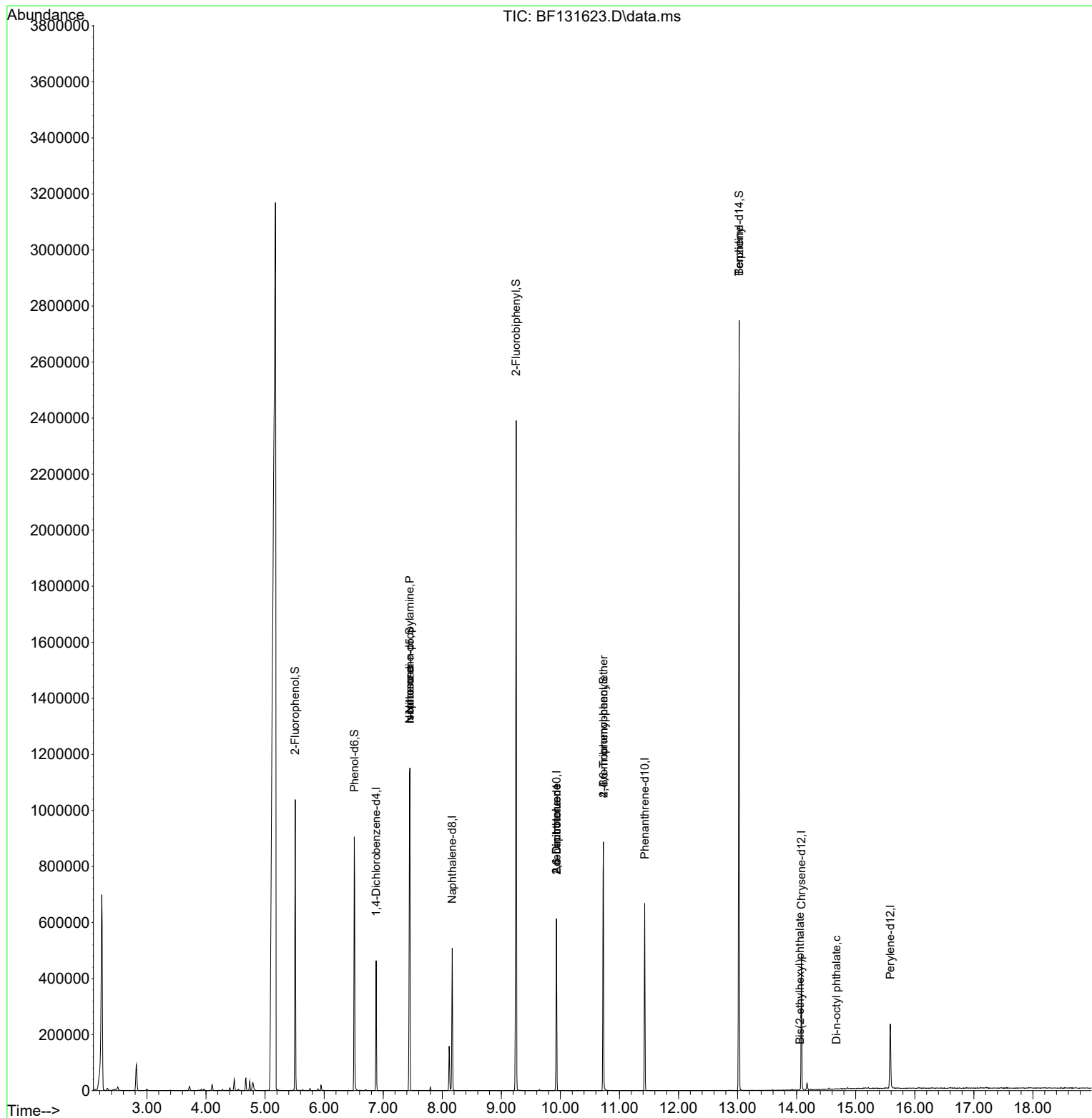
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	54801	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	198875	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	110082	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	217813	20.000	ng	0.00
76) Chrysene-d12	14.080	240	146801	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	113828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	220102	67.005	ng	0.01
7) Phenol-d6	6.510	99	273712	63.586	ng	-0.01
23) Nitrobenzene-d5	7.451	82	424719	80.740	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	94831	77.537	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	707971	81.091	ng	0.00
79) Terphenyl-d14	13.027	244	946658	88.436	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	60322	18.689	ng	# 74
25) Isophorone	7.451	82	424713	50.125	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	14448	8.340	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	14448	6.287	ng	# 16
67) 4-Bromophenyl-phenylether	10.728	248	6577	2.347	ng	# 1
77) Benzidine	13.027	184	14483	3.682	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.057	149	596	3.130	ng	# 96
85) Di-n-octyl phthalate	14.674	149	519	5.268	ng	# 1

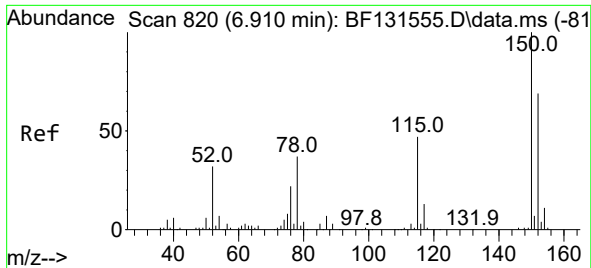
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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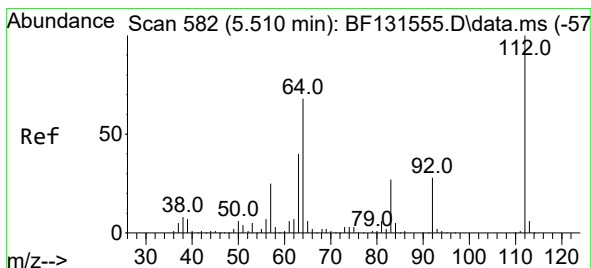
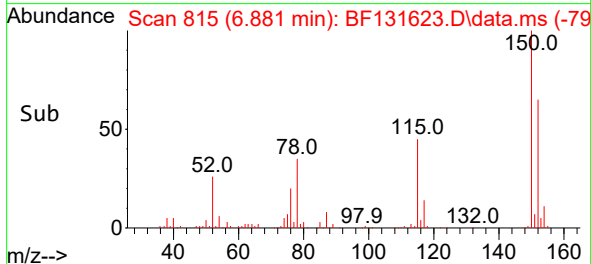
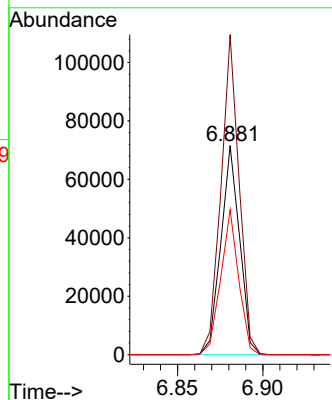
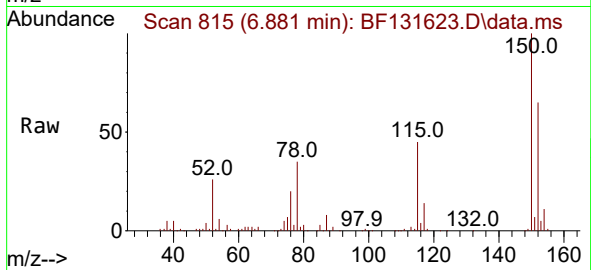




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131623.D
Acq: 13 Dec 2022 20:56

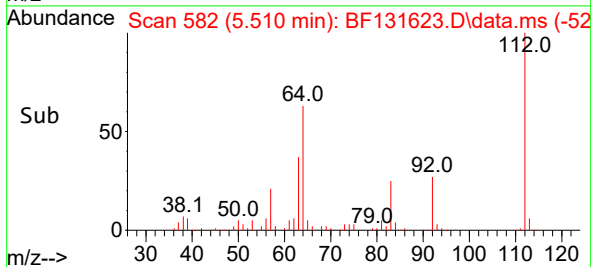
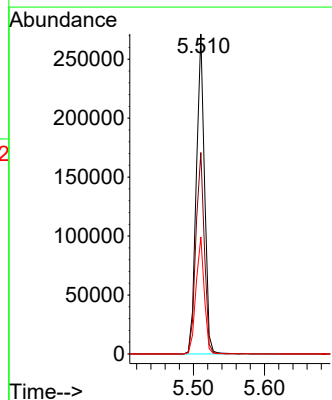
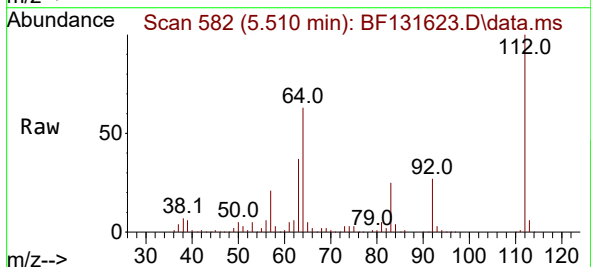
Instrument :
BNA_F
ClientSampleId :
MH-20

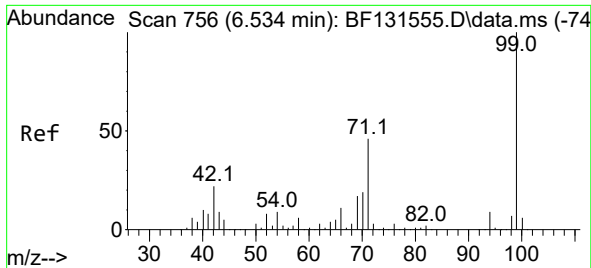
Tgt Ion:152 Resp: 54801
Ion Ratio Lower Upper
152 100
150 153.0 116.7 175.1
115 69.3 54.6 82.0



#5
2-Fluorophenol
Concen: 67.005 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF131623.D
Acq: 13 Dec 2022 20:56

Tgt Ion:112 Resp: 220102
Ion Ratio Lower Upper
112 100
64 62.9 54.5 81.7
63 36.5 31.9 47.9

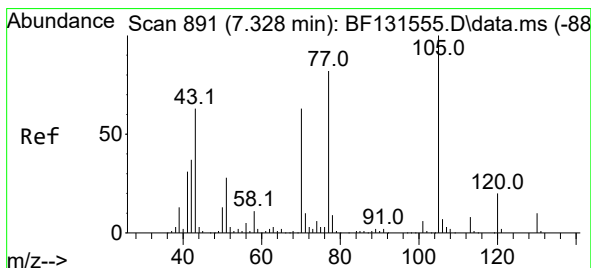
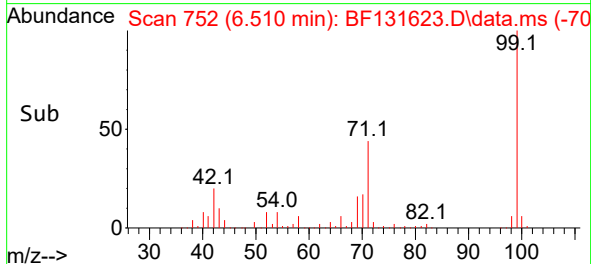
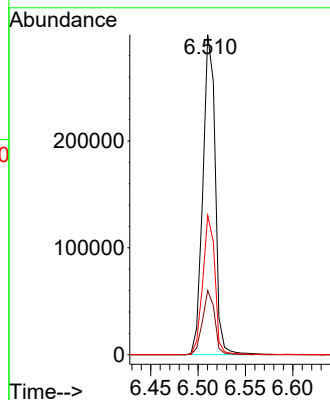
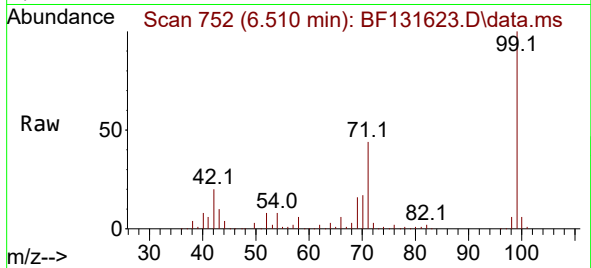




#7
Phenol-d6
Concen: 63.586 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF131623.D
Acq: 13 Dec 2022 20:56

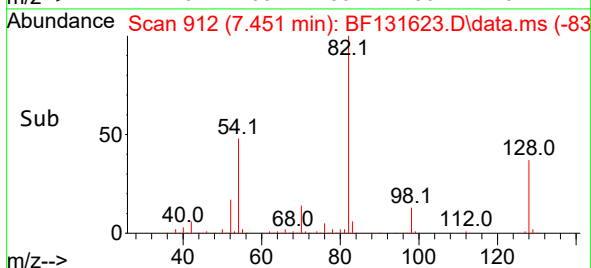
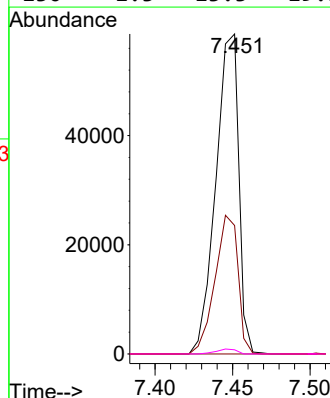
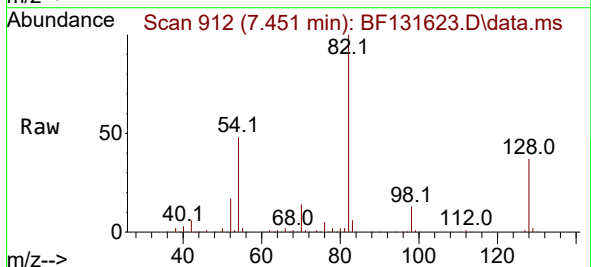
Instrument :
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ClientSampleId :
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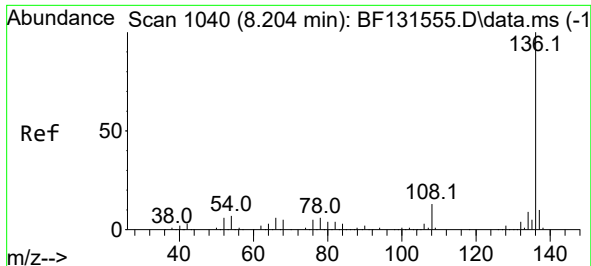
Tgt Ion: 99 Resp: 273712
Ion Ratio Lower Upper
99 100
42 20.1 17.9 26.9
71 43.5 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.689 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.153 min
Lab File: BF131623.D
Acq: 13 Dec 2022 20:56

Tgt Ion: 70 Resp: 60322
Ion Ratio Lower Upper
70 100
42 40.1 46.4 69.6#
101 0.0 7.2 10.8#
130 1.3 13.3 19.9#

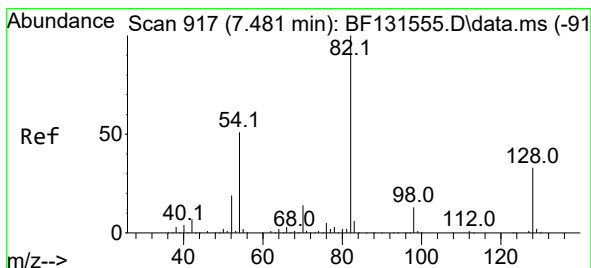
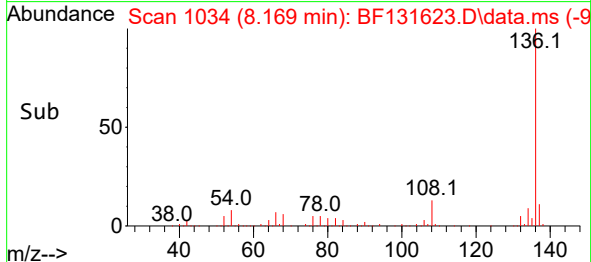
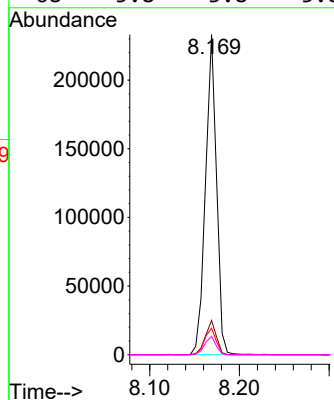
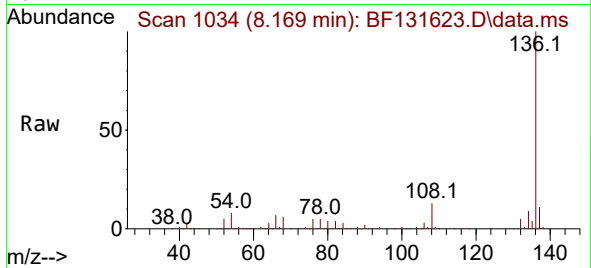




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131623.D
Acq: 13 Dec 2022 20:56

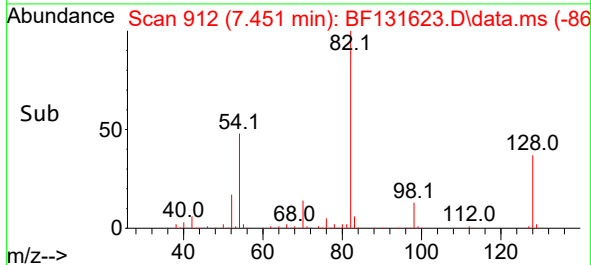
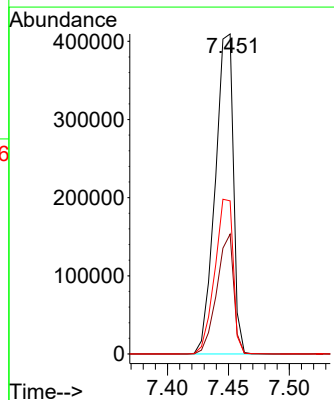
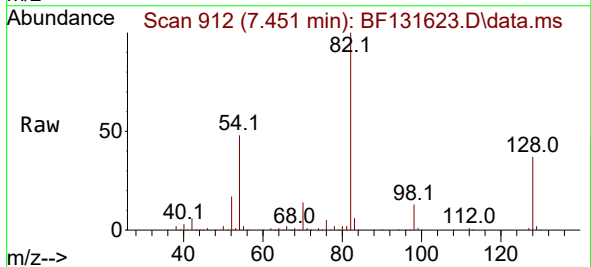
Instrument :
BNA_F
ClientSampleId :
MH-20

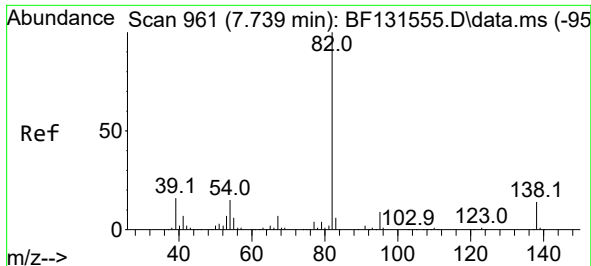
Tgt Ion:136 Resp: 198875
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 8.3 6.0 9.0
68 5.8 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 80.740 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF131623.D
Acq: 13 Dec 2022 20:56

Tgt Ion: 82 Resp: 424719
Ion Ratio Lower Upper
82 100
128 37.4 26.1 39.1
54 47.9 40.6 60.8

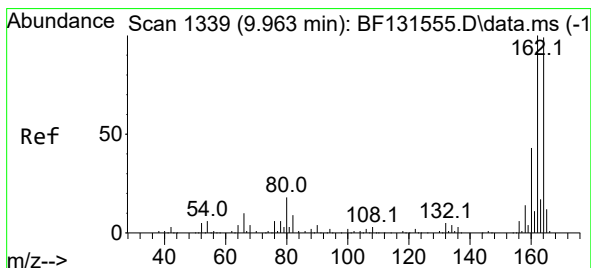
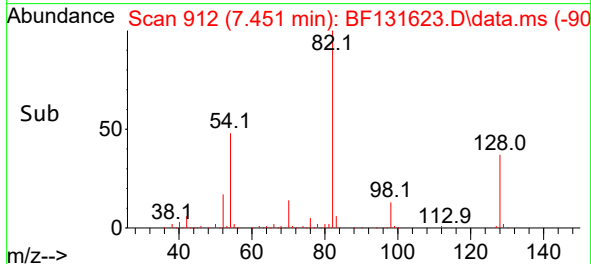
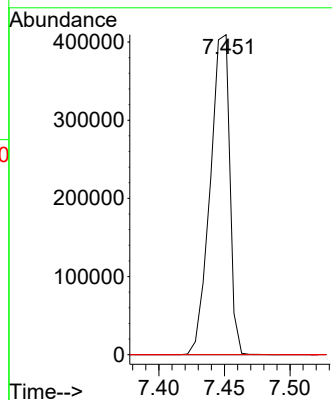
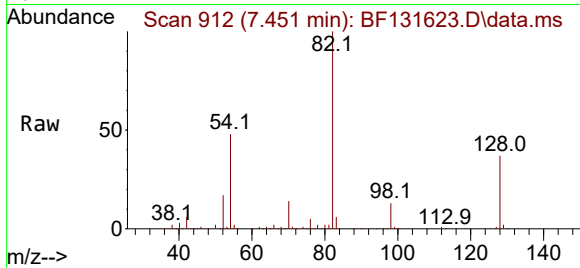




#25
Isophorone
Concen: 50.125 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131623.D
Acq: 13 Dec 2022 20:56

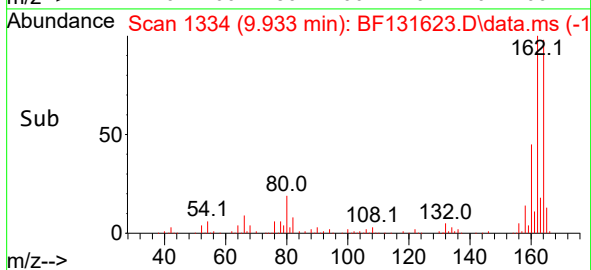
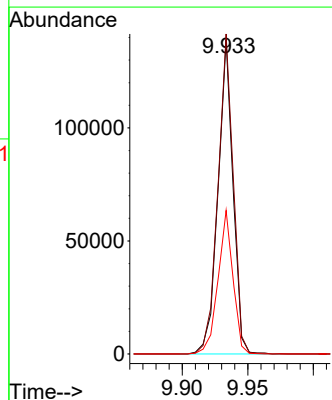
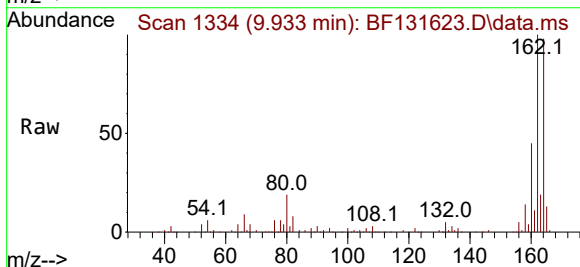
Instrument :
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ClientSampleId :
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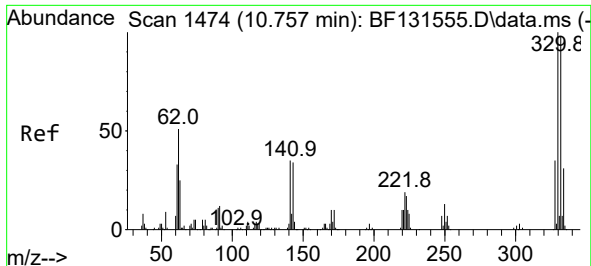
Tgt Ion: 82 Resp: 424713
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131623.D
Acq: 13 Dec 2022 20:56

Tgt Ion:164 Resp: 110082
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.6
160 45.7 35.0 52.6

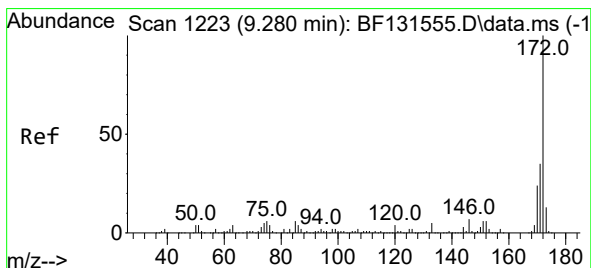
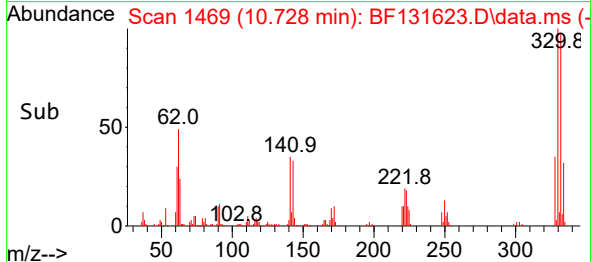
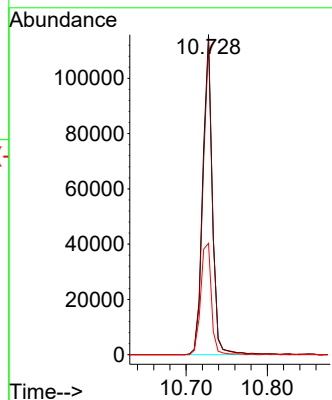
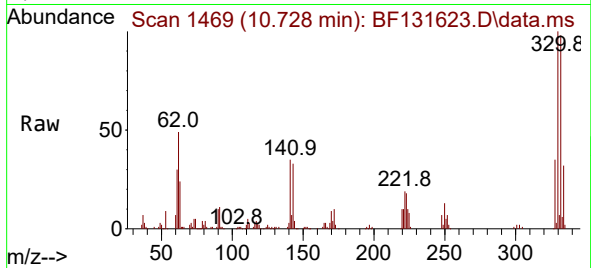




#42
2,4,6-Tribromophenol
Concen: 77.537 ng
RT: 10.728 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF131623.D
Acq: 13 Dec 2022 20:56

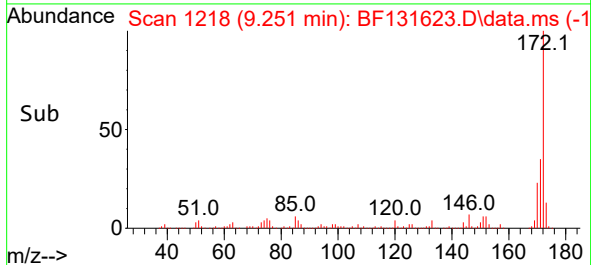
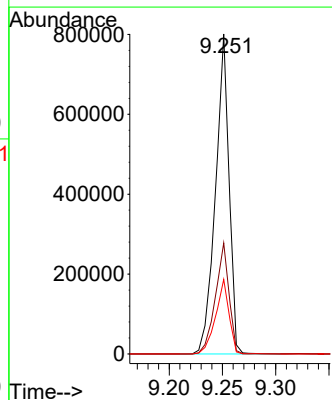
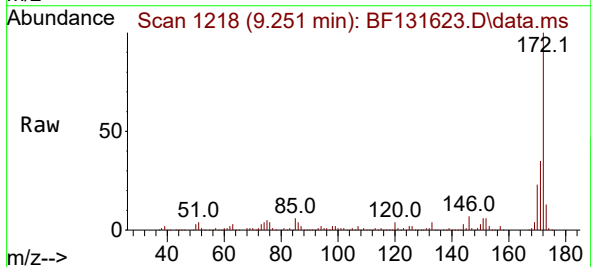
Instrument :
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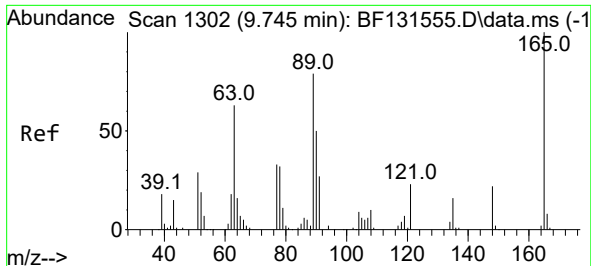
Tgt Ion:330 Resp: 94831
Ion Ratio Lower Upper
330 100
332 96.7 78.3 117.5
141 39.0 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 81.091 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131623.D
Acq: 13 Dec 2022 20:56

Tgt Ion:172 Resp: 707971
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.3 19.3 28.9

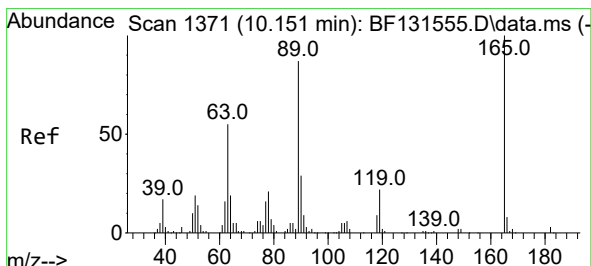
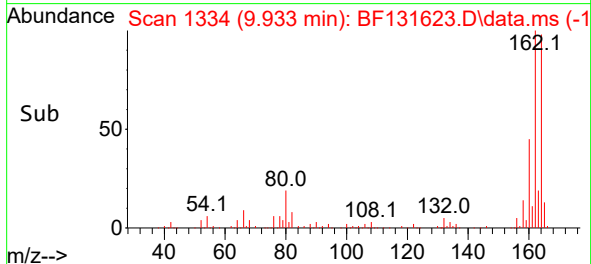
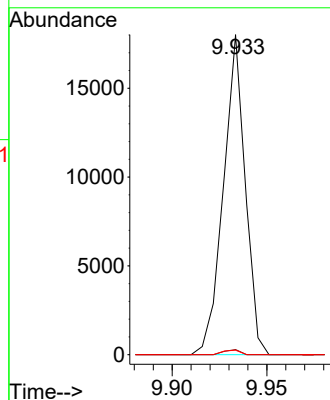
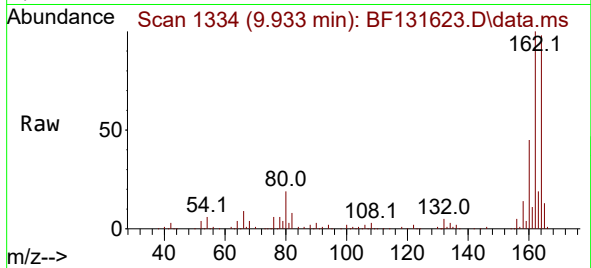




#51
2,6-Dinitrotoluene
Concen: 8.340 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131623.D
Acq: 13 Dec 2022 20:56

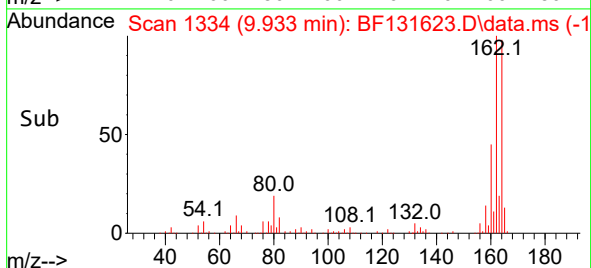
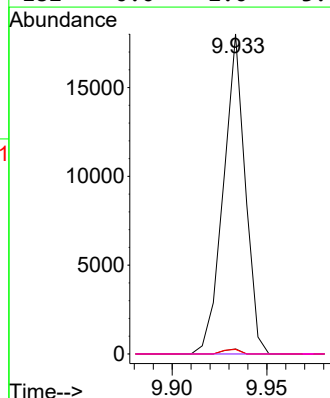
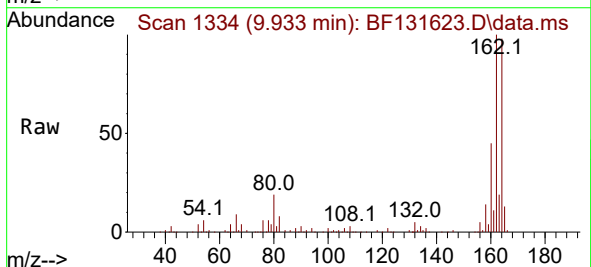
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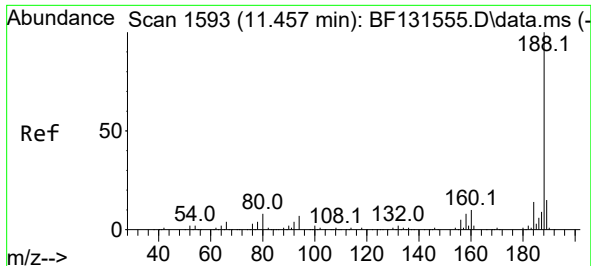
Tgt Ion:165 Resp: 14448
Ion Ratio Lower Upper
165 100
63 1.6 67.9 101.9#
89 1.4 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.287 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131623.D
Acq: 13 Dec 2022 20:56

Tgt Ion:165 Resp: 14448
Ion Ratio Lower Upper
165 100
63 1.6 44.4 66.6#
89 1.4 69.6 104.4#
182 0.0 2.0 3.0#

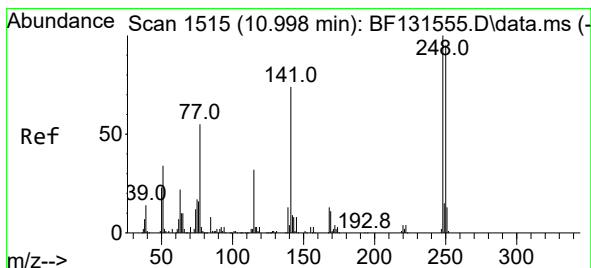
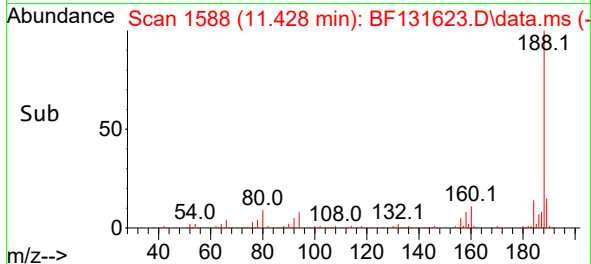
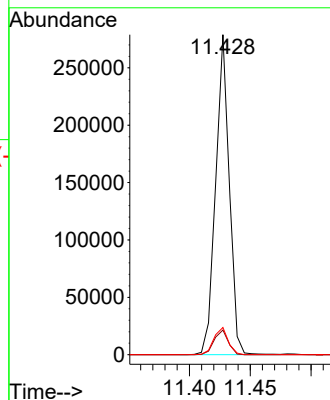
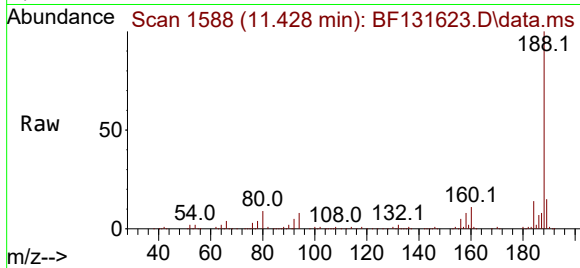




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131623.D
Acq: 13 Dec 2022 20:56

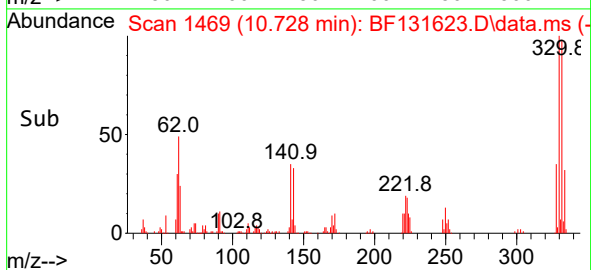
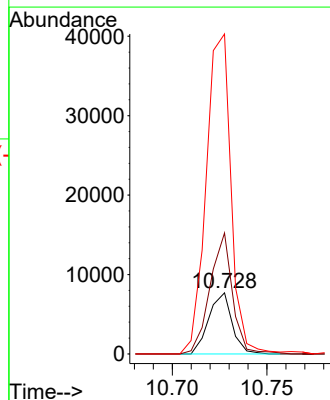
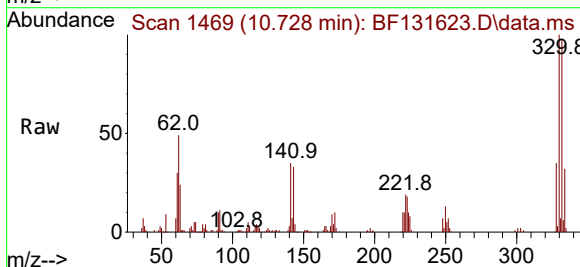
Instrument :
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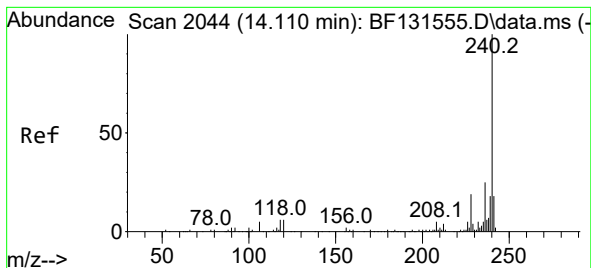
Tgt Ion:188 Resp: 217813
Ion Ratio Lower Upper
188 100
94 7.7 5.5 8.3
80 8.5 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 2.347 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF131623.D
Acq: 13 Dec 2022 20:56

Tgt Ion:248 Resp: 6577
Ion Ratio Lower Upper
248 100
250 197.9 76.2 114.2#
141 523.9 59.5 89.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2044

Delta R.T. -0.006 min

Lab File: BF131623.D

Acq: 13 Dec 2022 20:56

Instrument :

BNA_F

ClientSampleId :

MH-20

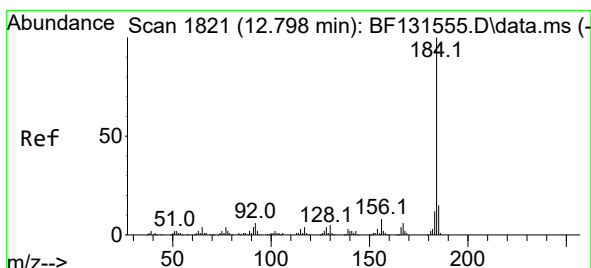
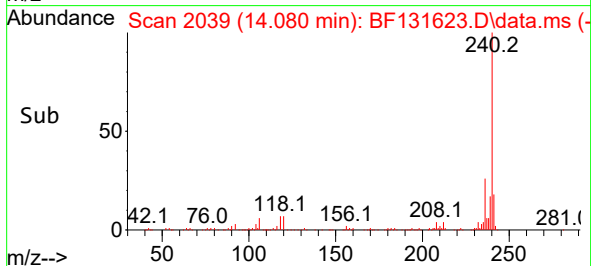
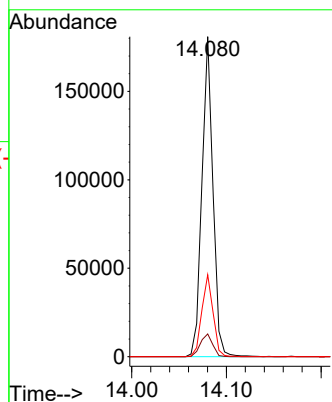
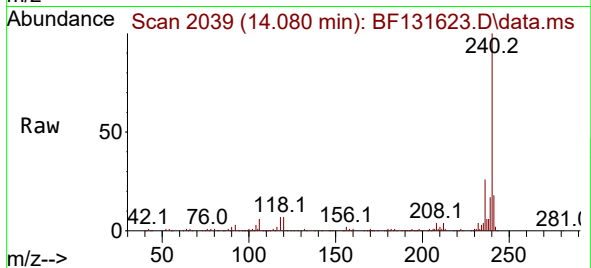
Tgt Ion:240 Resp: 146801

Ion Ratio Lower Upper

240 100

120 7.1 4.6 7.0#

236 25.6 20.2 30.2



#77

Benzidine

Concen: 3.682 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.253 min

Lab File: BF131623.D

Acq: 13 Dec 2022 20:56

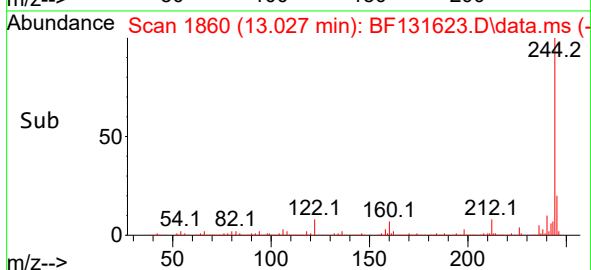
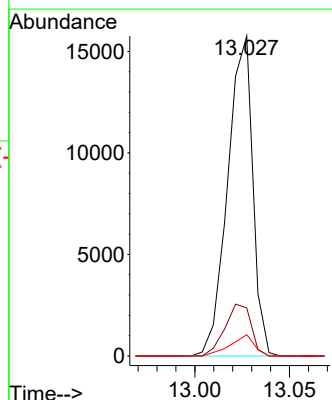
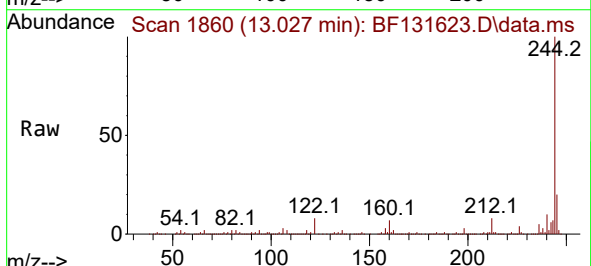
Tgt Ion:184 Resp: 14483

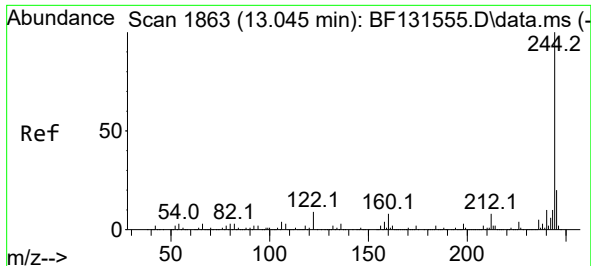
Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

183 6.6 9.3 13.9#

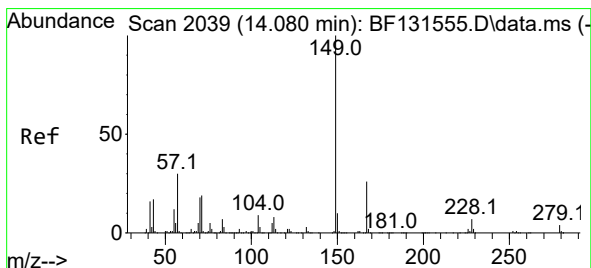
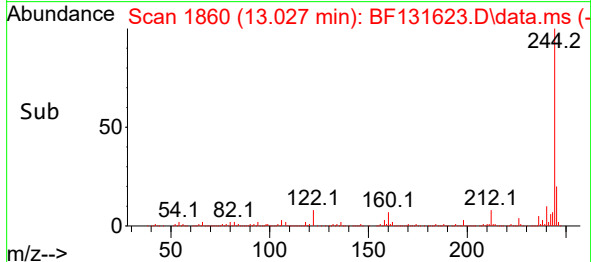
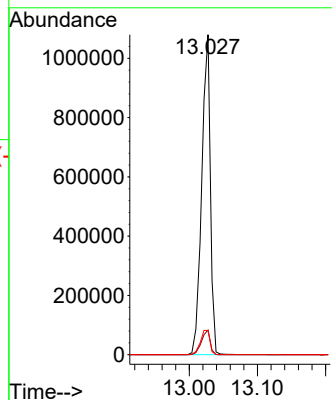
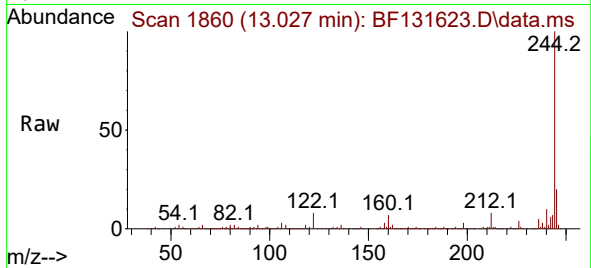




#79
 Terphenyl-d14
 Concen: 88.436 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF131623.D
 Acq: 13 Dec 2022 20:56

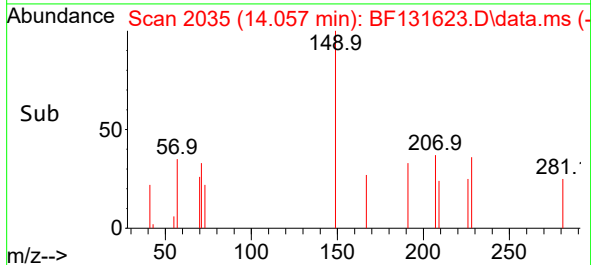
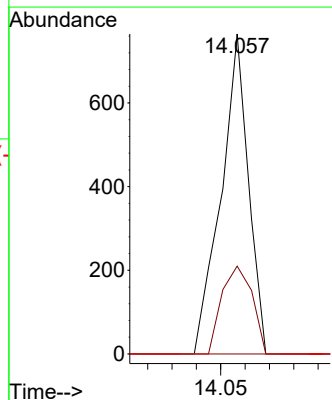
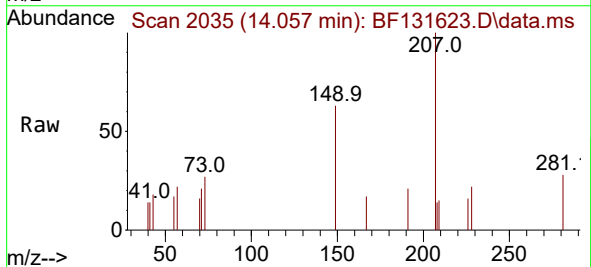
Instrument :
 BNA_F
 ClientSampleId :
 MH-20

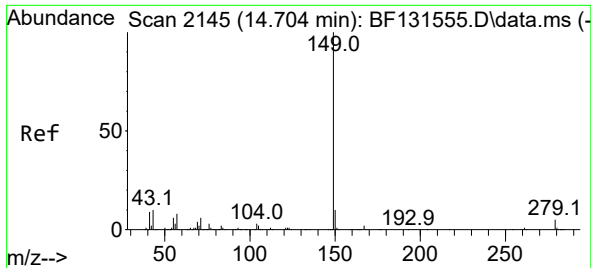
Tgt Ion:244 Resp: 946658
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 7.6 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.130 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. -0.006 min
 Lab File: BF131623.D
 Acq: 13 Dec 2022 20:56

Tgt Ion:149 Resp: 596
 Ion Ratio Lower Upper
 149 100
 167 27.5 20.8 31.2
 279 0.0 3.3 4.9

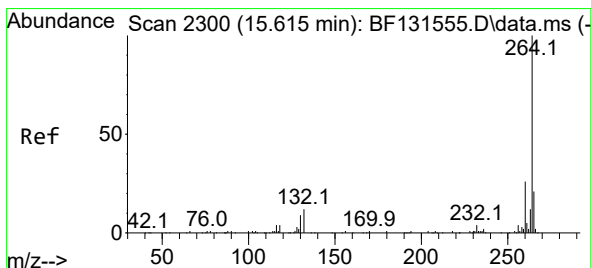
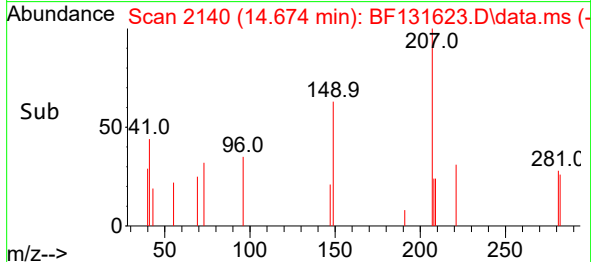
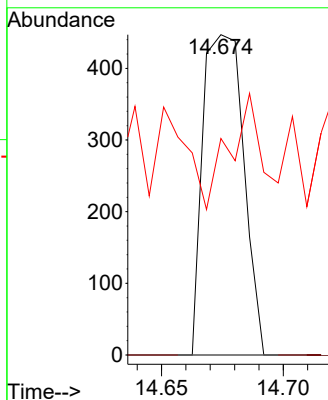
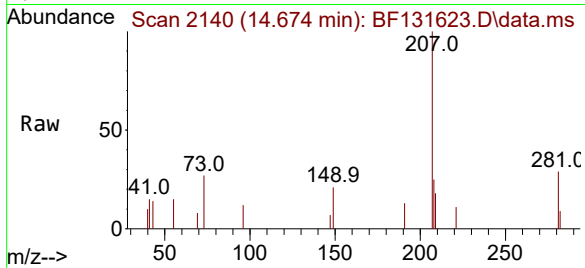




#85
Di-n-octyl phthalate
Concen: 5.268 ng
RT: 14.674 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BF131623.D
Acq: 13 Dec 2022 20:56

Instrument :
BNA_F
ClientSampleId :
MH-20

Tgt Ion:149 Resp: 519
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 59.0 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF131623.D
Acq: 13 Dec 2022 20:56

Tgt Ion:264 Resp: 113828
Ion Ratio Lower Upper
264 100
260 23.4 20.6 30.8
265 22.0 16.8 25.2

