

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135330.D
 Acq On : 19 Sep 2023 10:45
 Operator : CG\JU
 Sample : PB155601BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155601BL

Quant Time: Sep 20 01:31:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

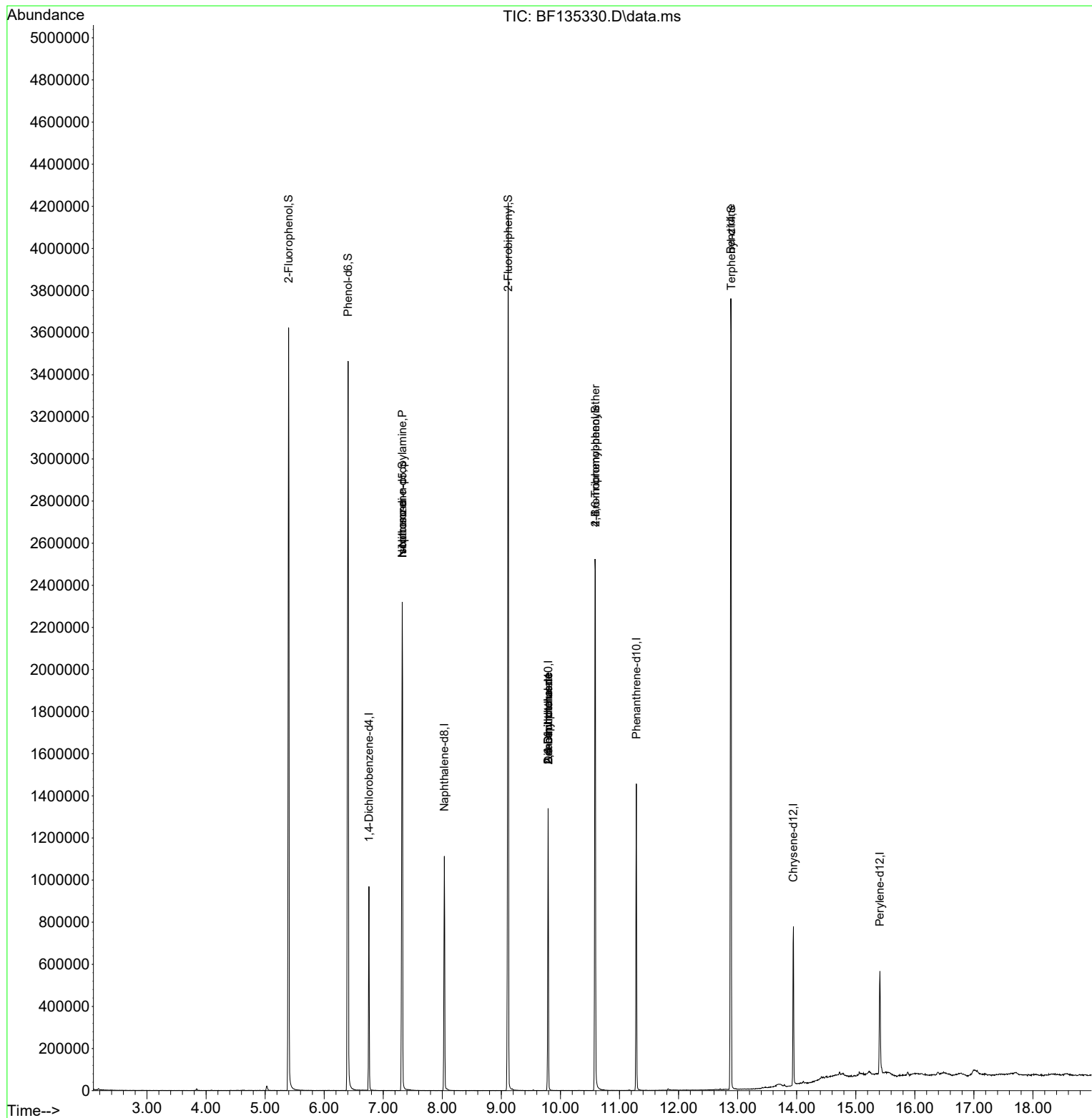
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	130065	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	507137	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	261403	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	513249	20.000	ng	0.00
76) Chrysene-d12	13.945	240	262134	20.000	ng	0.00
86) Perylene-d12	15.409	264	246002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1042710	130.390	ng	0.01
7) Phenol-d6	6.404	99	1326254	130.428	ng	0.00
23) Nitrobenzene-d5	7.322	82	864276	92.590	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	348269	134.068	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1496977	86.400	ng	-0.01
79) Terphenyl-d14	12.892	244	1595512	94.354	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	116549	18.505	ng	# 82
25) Isophorone	7.322	82	862996	50.348	ng	# 65
50) Dimethylphthalate	9.792	163	50483	2.856	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	32260	8.332	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	32260	6.656	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	22542	4.416	ng	# 1
77) Benzidine	12.886	184	21200	3.948	ng	# 93

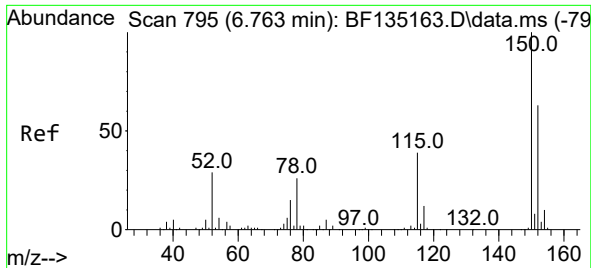
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
Data File : BF135330.D
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ALS Vial : 3 Sample Multiplier: 1

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BNA_F
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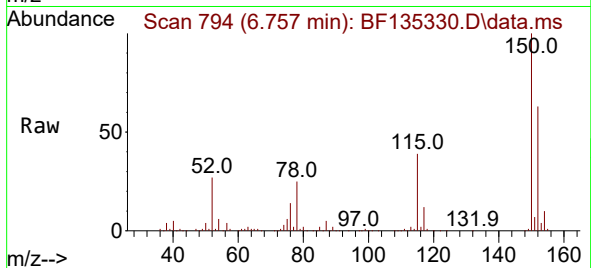
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration



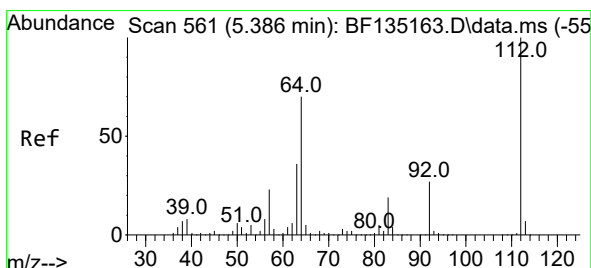
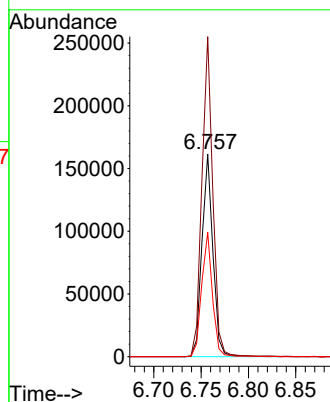
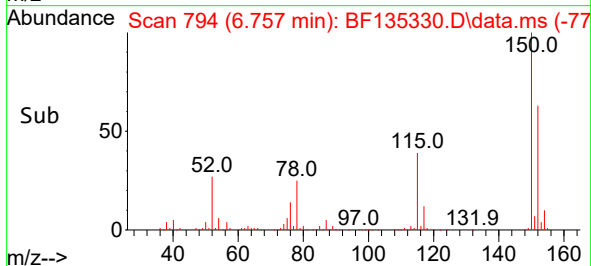


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

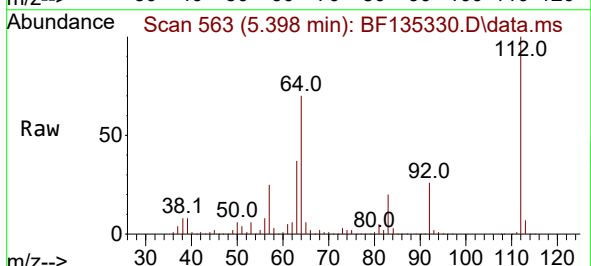
Instrument :
BNA_F
ClientSampleId :
PB155601BL



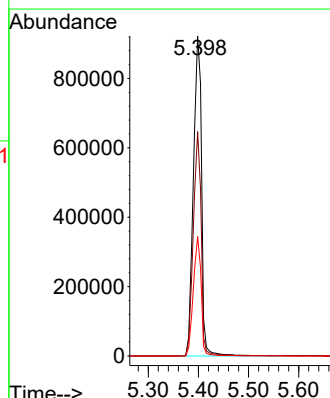
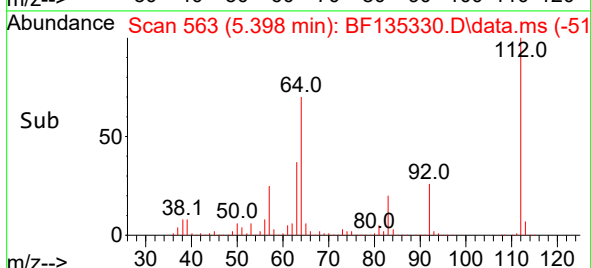
Tgt Ion:152 Resp: 130065
Ion Ratio Lower Upper
152 100
150 157.9 127.8 191.6
115 61.5 49.8 74.8

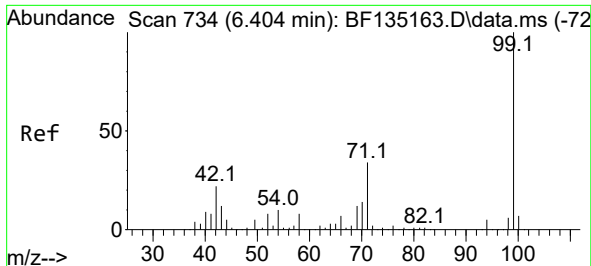


#5
2-Fluorophenol
Concen: 130.390 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45



Tgt Ion:112 Resp: 1042710
Ion Ratio Lower Upper
112 100
64 70.1 55.9 83.9
63 37.3 29.0 43.6

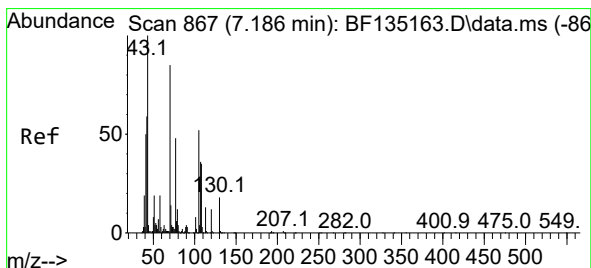
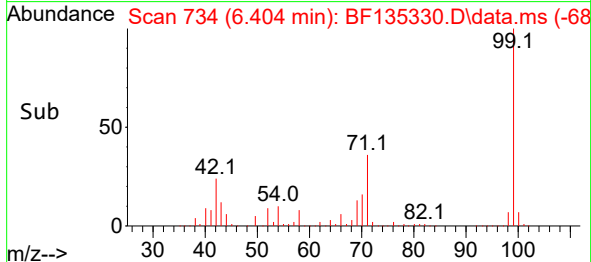
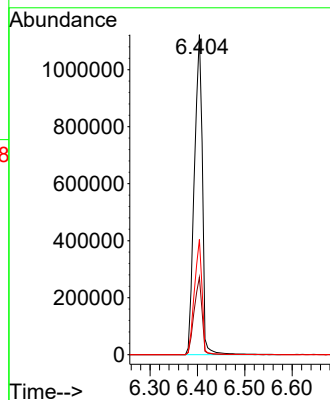
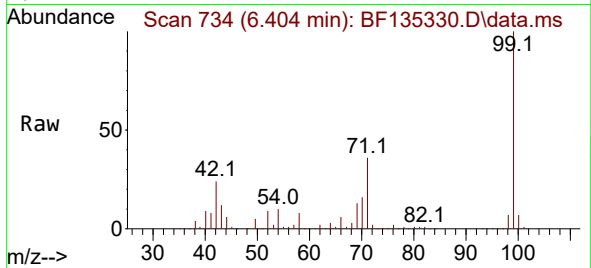




#7
Phenol-d6
Concen: 130.428 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

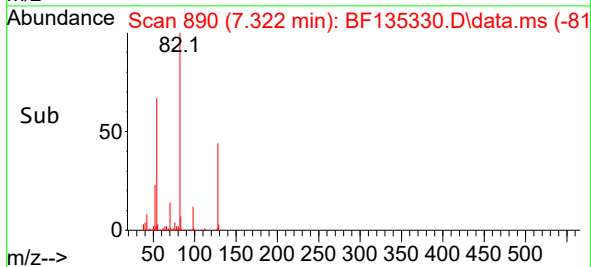
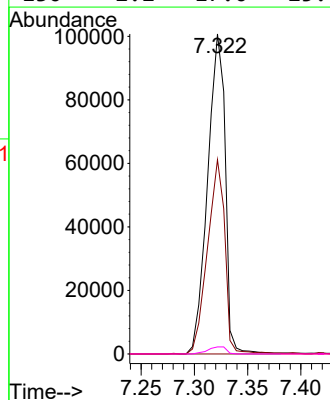
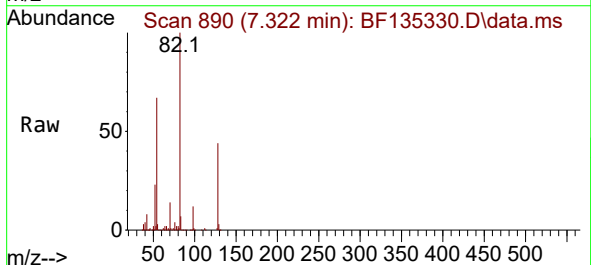
Instrument :
BNA_F
ClientSampleId :
PB155601BL

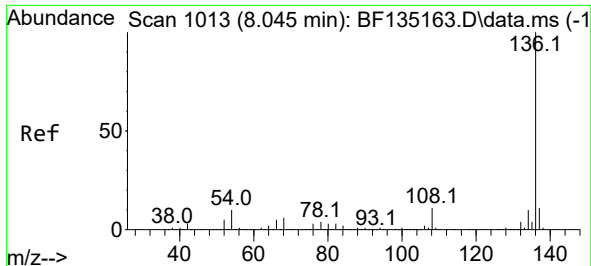
Tgt Ion: 99 Resp: 1326254
Ion Ratio Lower Upper
99 100
42 24.2 17.9 26.9
71 36.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.505 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

Tgt Ion: 70 Resp: 116549
Ion Ratio Lower Upper
70 100
42 60.7 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

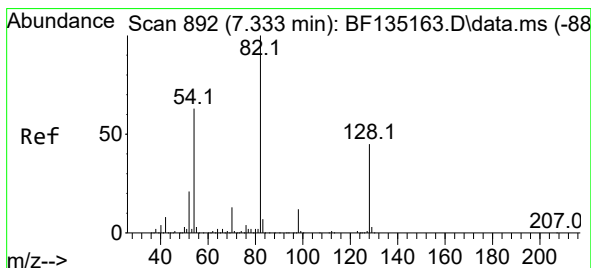
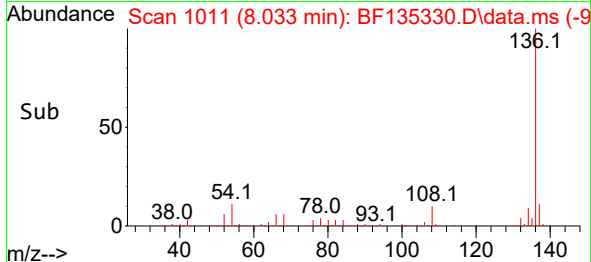
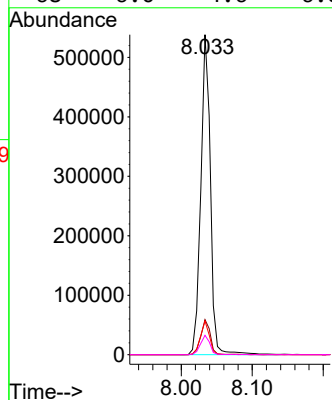
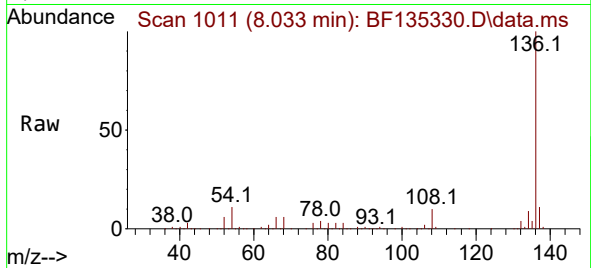




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

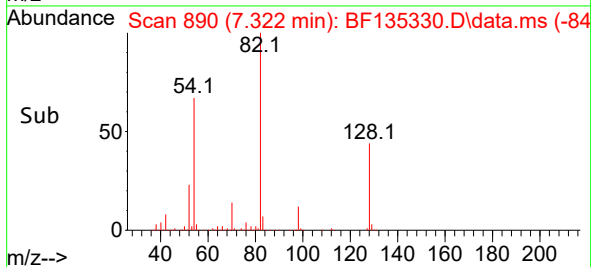
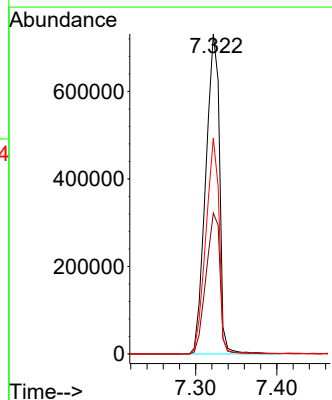
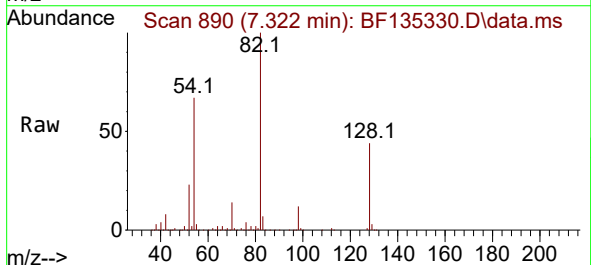
Instrument :
BNA_F
ClientSampleId :
PB155601BL

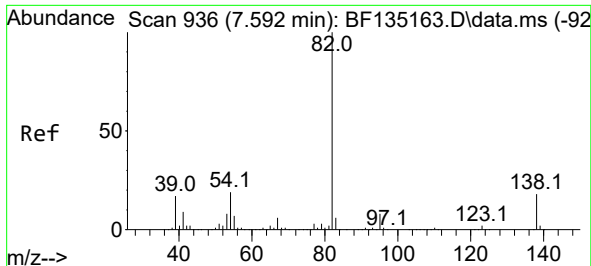
Tgt Ion:136 Resp: 507137
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.5 7.7 11.5
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 92.590 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

Tgt Ion: 82 Resp: 864276
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.6
54 67.5 50.6 76.0

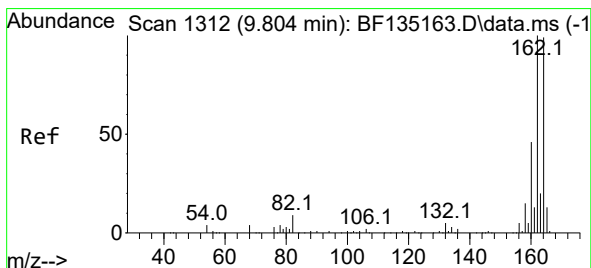
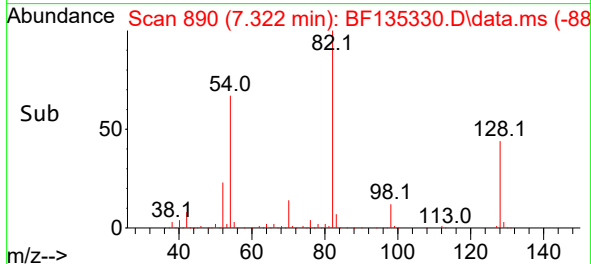
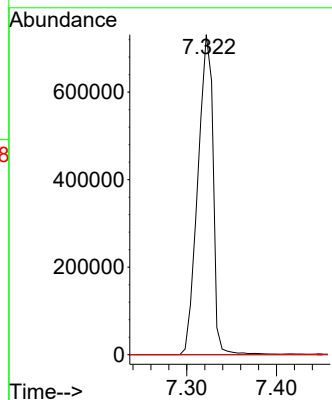
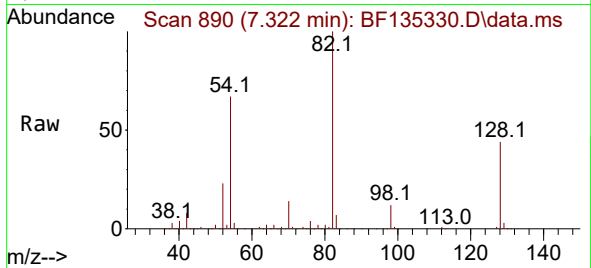




#25
Isophorone
Concen: 50.348 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

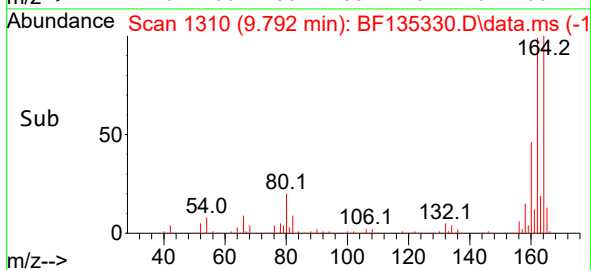
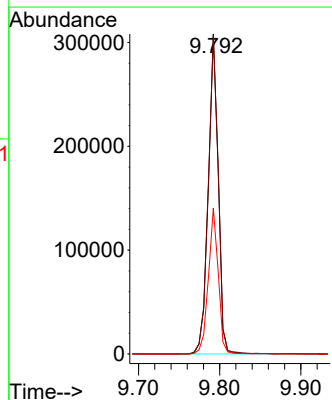
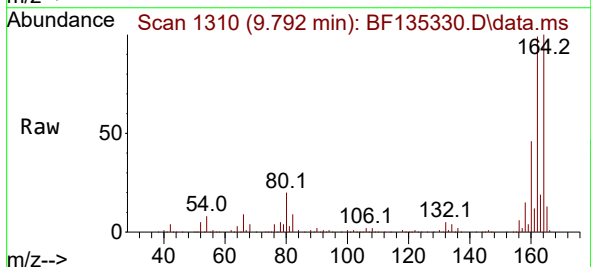
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ClientSampleId :
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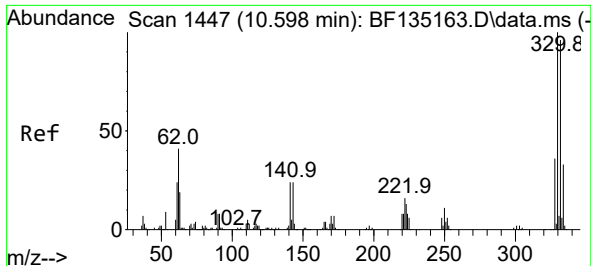
Tgt Ion: 82 Resp: 862996
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

Tgt Ion: 164 Resp: 261403
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 45.6 37.0 55.4

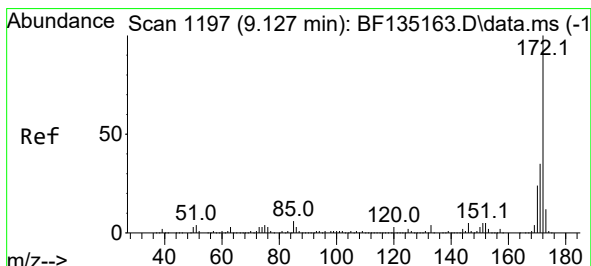
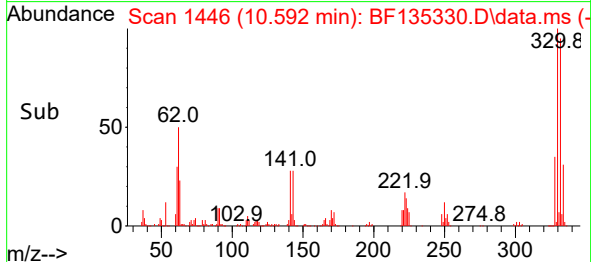
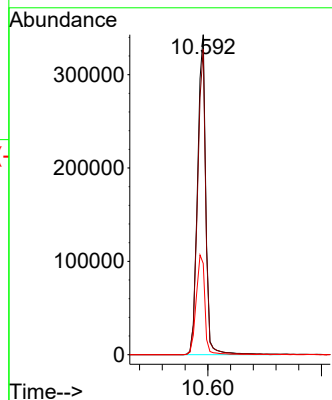
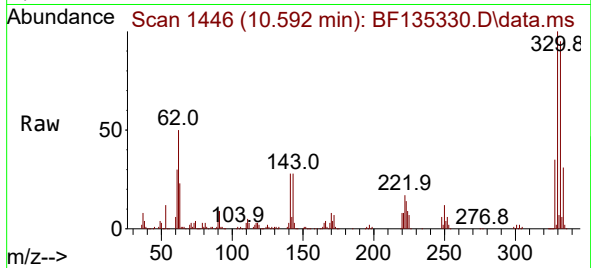




#42
2,4,6-Tribromophenol
Concen: 134.068 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

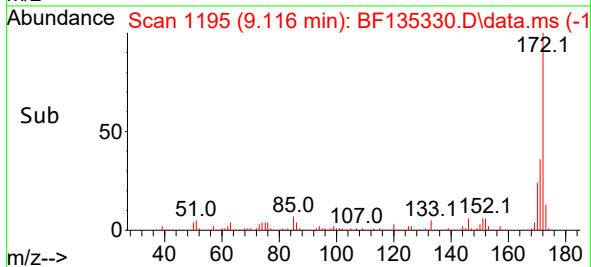
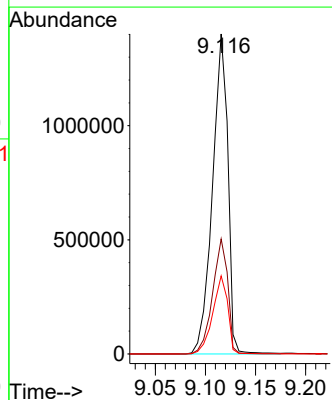
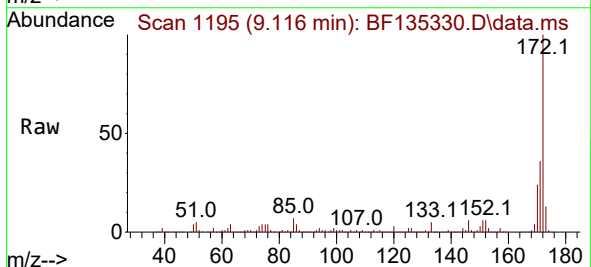
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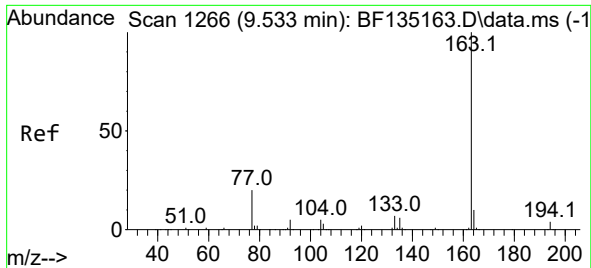
Tgt Ion:330 Resp: 348269
Ion Ratio Lower Upper
330 100
332 94.7 77.3 115.9
141 32.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 86.400 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

Tgt Ion:172 Resp: 1496977
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.4 19.0 28.4

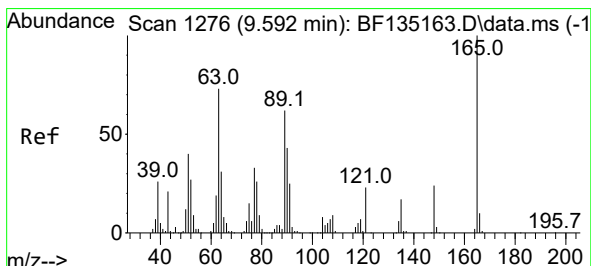
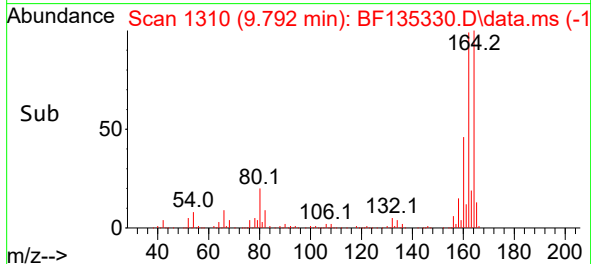
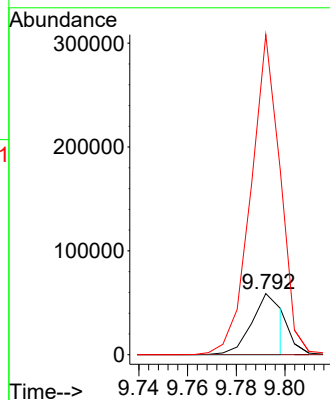
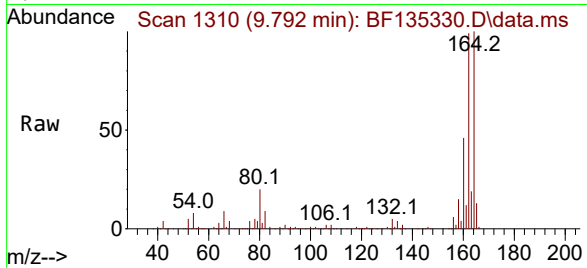




#50
 Dimethylphthalate
 Concen: 2.856 ng
 RT: 9.792 min Scan# 1310
 Delta R.T. 0.259 min
 Lab File: BF135330.D
 Acq: 19 Sep 2023 10:45

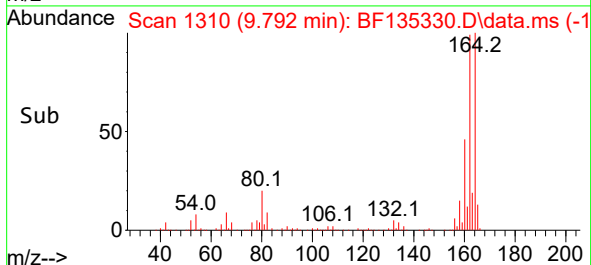
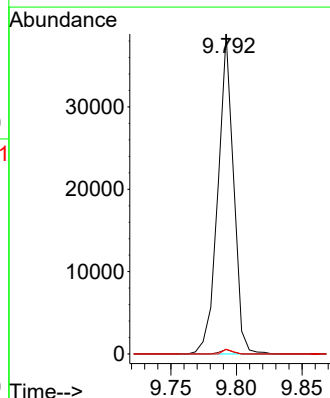
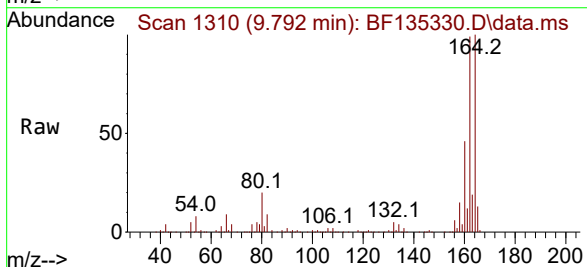
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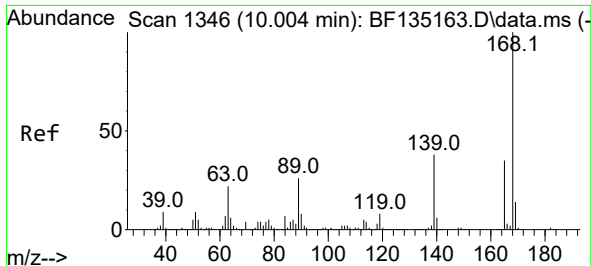
Tgt Ion:163 Resp: 50483
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.1 4.7#
 164 522.9 8.1 12.1#



#51
 2,6-Dinitrotoluene
 Concen: 8.332 ng
 RT: 9.792 min Scan# 1310
 Delta R.T. 0.200 min
 Lab File: BF135330.D
 Acq: 19 Sep 2023 10:45

Tgt Ion:165 Resp: 32260
 Ion Ratio Lower Upper
 165 100
 63 1.4 59.4 89.2#
 89 1.5 49.8 74.8#

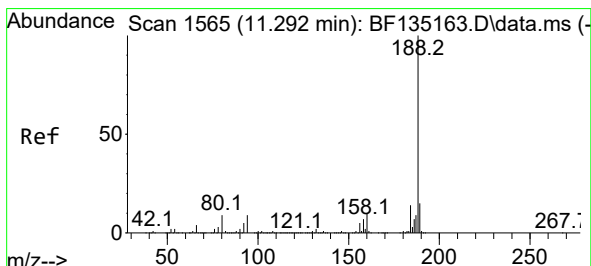
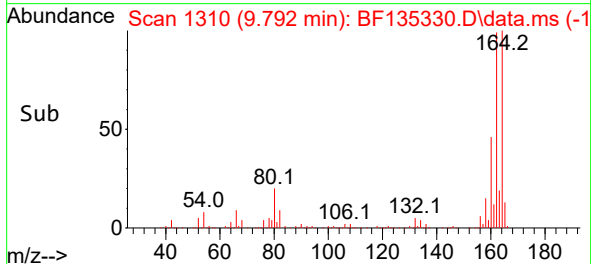
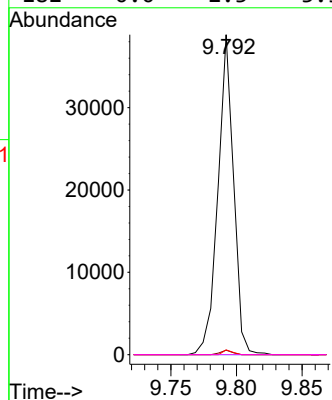
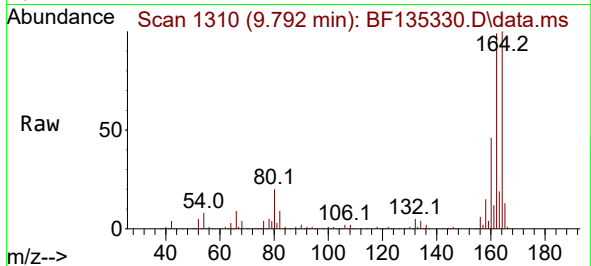




#57
2,4-Dinitrotoluene
Concen: 6.656 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

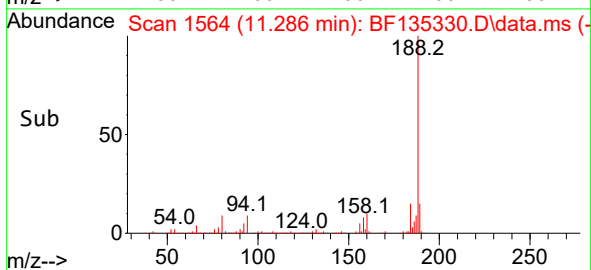
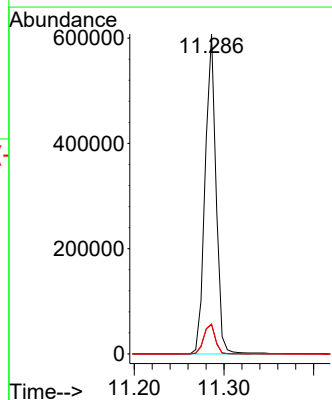
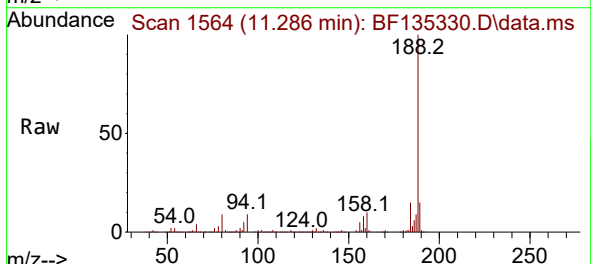
Instrument :
BNA_F
ClientSampleId :
PB155601BL

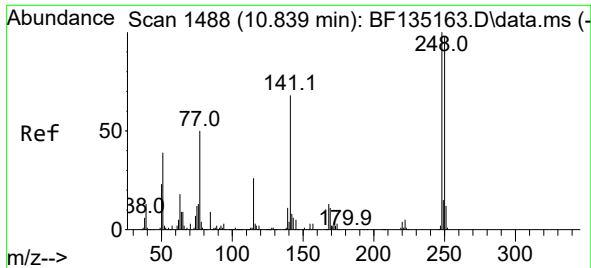
Tgt Ion:165 Resp: 32260
Ion Ratio Lower Upper
165 100
63 1.4 50.1 75.1#
89 1.5 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

Tgt Ion:188 Resp: 513249
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.4 7.5 11.3

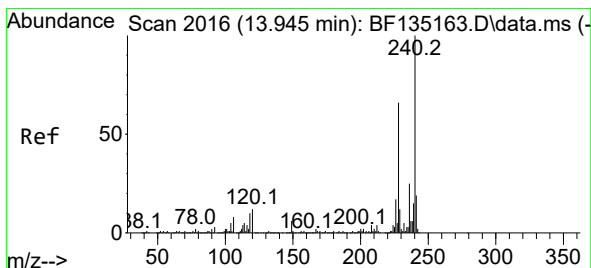
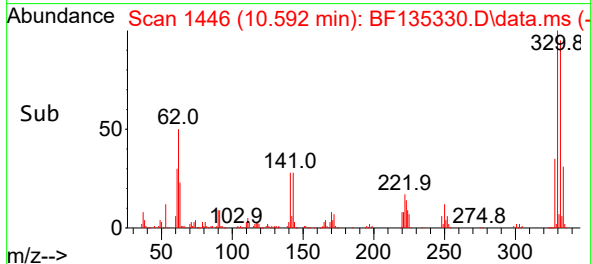
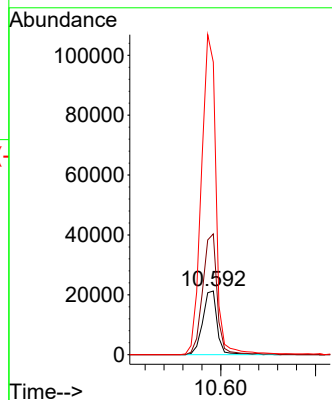
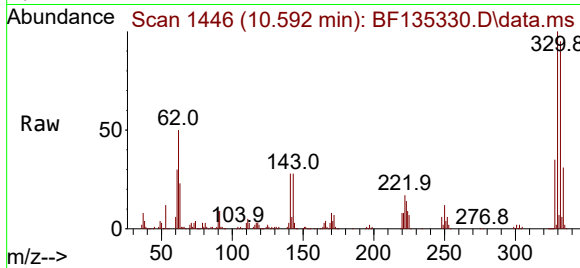




#67
4-Bromophenyl-phenylether
Concen: 4.416 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

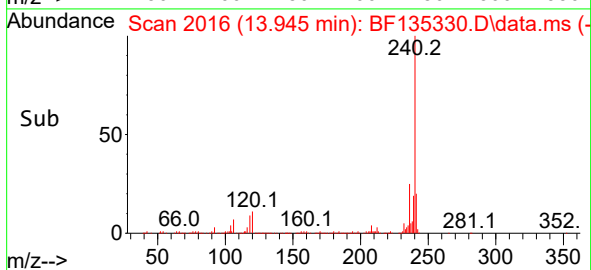
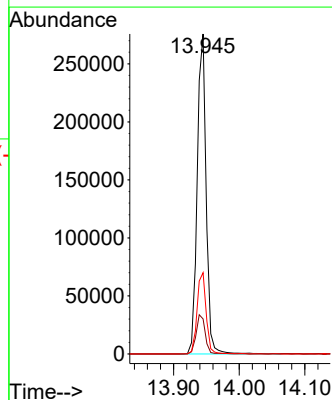
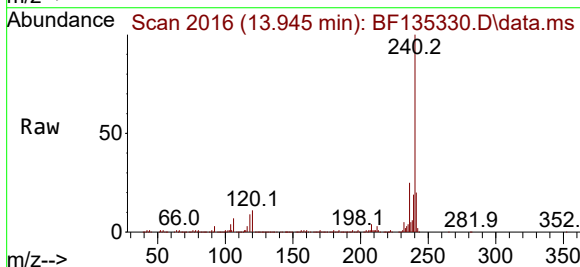
Instrument :
BNA_F
ClientSampleId :
PB155601BL

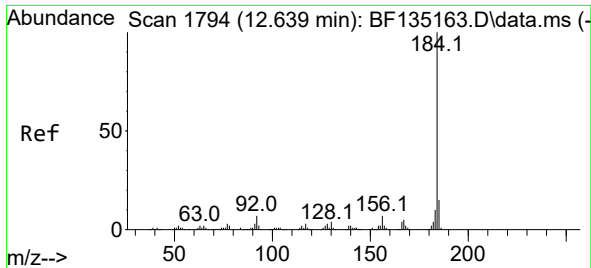
Tgt Ion:248 Resp: 22542
Ion Ratio Lower Upper
248 100
250 189.9 78.6 117.8#
141 459.6 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

Tgt Ion:240 Resp: 262134
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.4 19.8 29.8

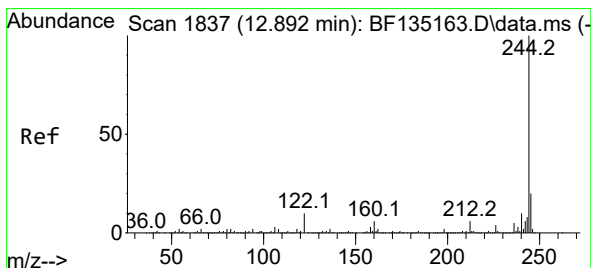
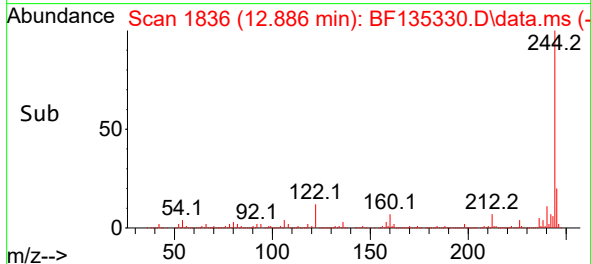
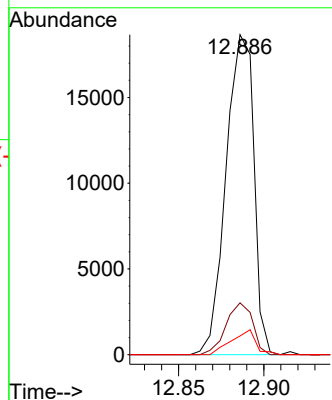
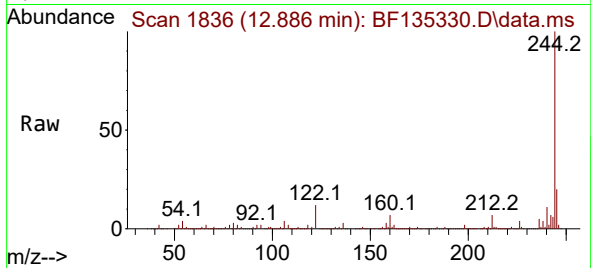




#77
Benzidine
Concen: 3.948 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.247 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

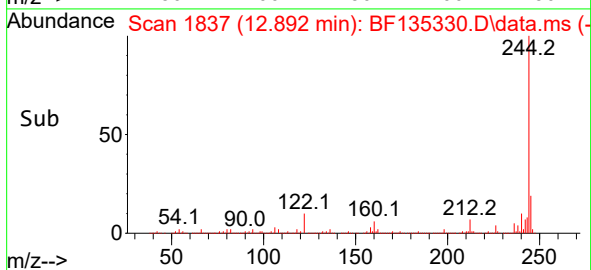
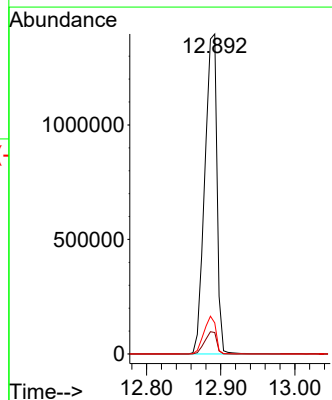
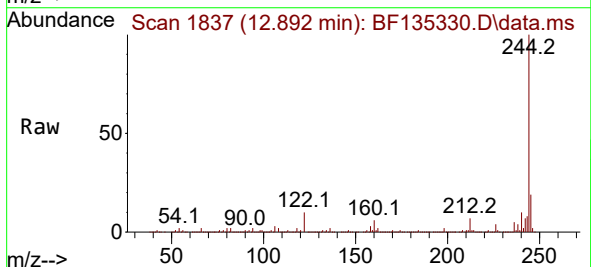
Instrument :
BNA_F
ClientSampleId :
PB155601BL

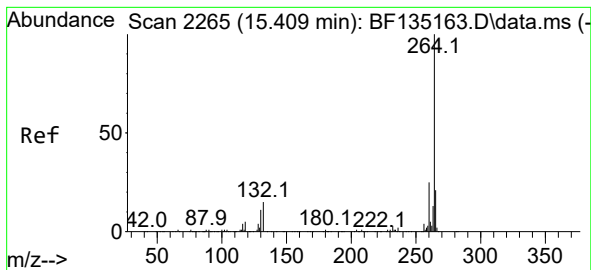
Tgt Ion:184 Resp: 21200
Ion Ratio Lower Upper
184 100
185 16.2 11.7 17.5
183 5.9 8.2 12.4#



#79
Terphenyl-d14
Concen: 94.354 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

Tgt Ion:244 Resp: 1595512
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 9.7 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135330.D
Acq: 19 Sep 2023 10:45

Instrument :
BNA_F
ClientSampleId :
PB155601BL

Tgt Ion:264 Resp: 246002
Ion Ratio Lower Upper
264 100
260 23.0 19.8 29.6
265 22.1 17.0 25.4

