

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135308.D
 Acq On : 18 Sep 2023 15:59
 Operator : CG\JU
 Sample : PB155592BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155592BL

Quant Time: Sep 18 16:27:18 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)

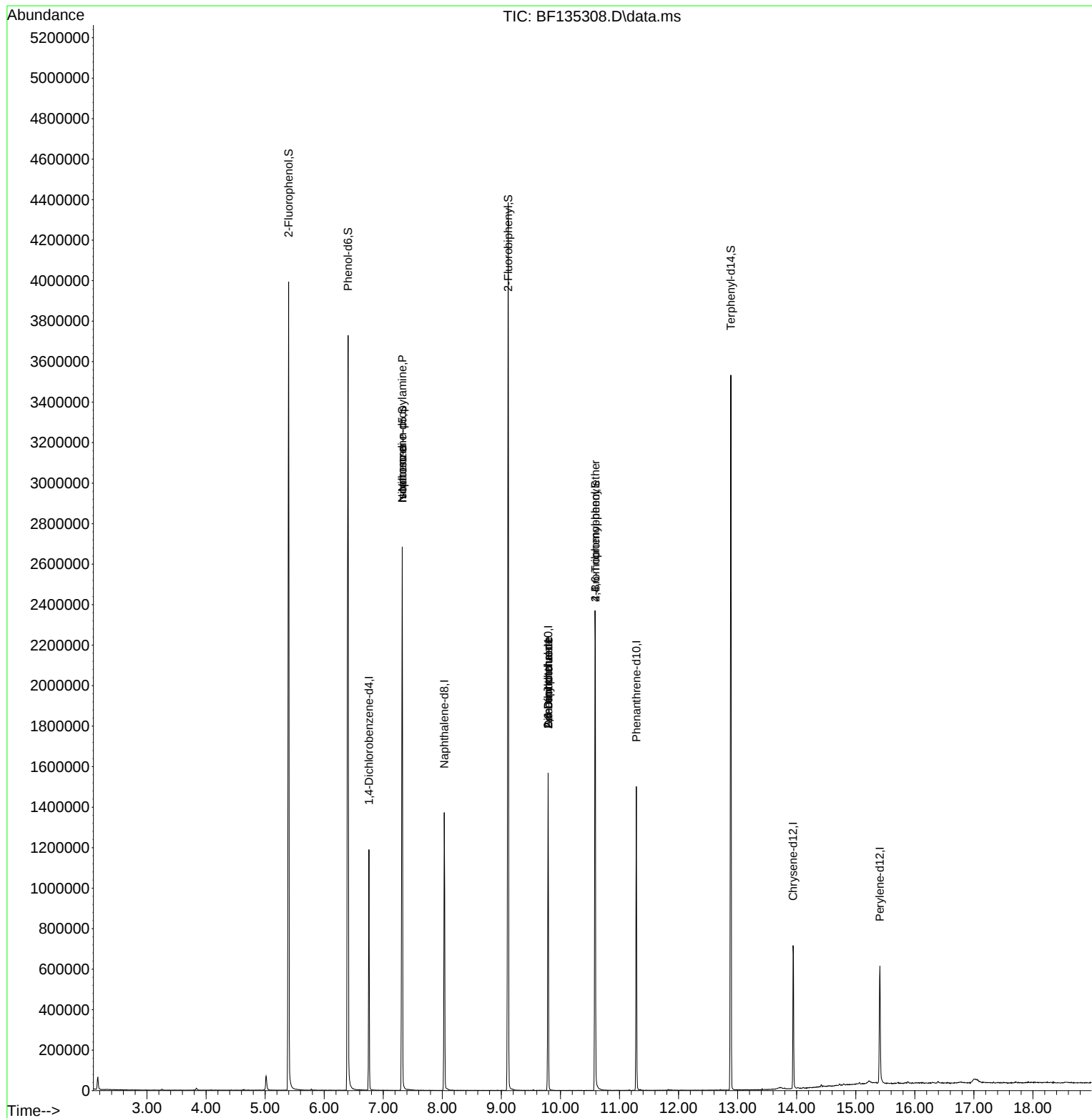
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	160056	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	613651	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	302558	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	523974	20.000	ng	0.00
76) Chrysene-d12	13.939	240	254323	20.000	ng	0.00
86) Perylene-d12	15.410	264	277551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1129924	114.820	ng	0.01
7) Phenol-d6	6.404	99	1424516	113.841	ng	0.00
23) Nitrobenzene-d5	7.322	82	907673	80.361	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	306732	102.016	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1544770	77.031	ng	-0.01
79) Terphenyl-d14	12.886	244	1347437	82.131	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	122308	15.780	ng	# 81
25) Isophorone	7.322	82	906229	43.693	ng	# 65
50) Dimethylphthalate	9.792	163	60242	2.945	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	39250	8.759	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	39250	6.996	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	19257	3.695	ng	# 1

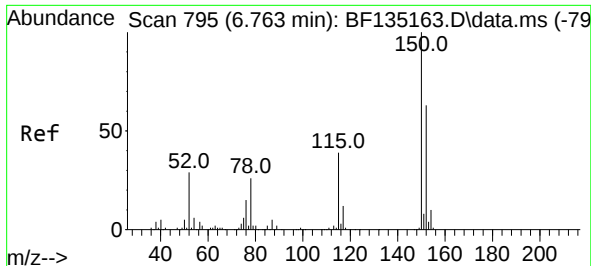
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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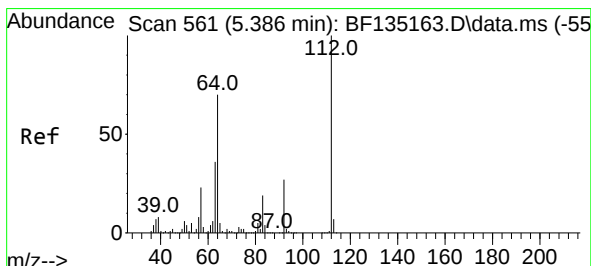
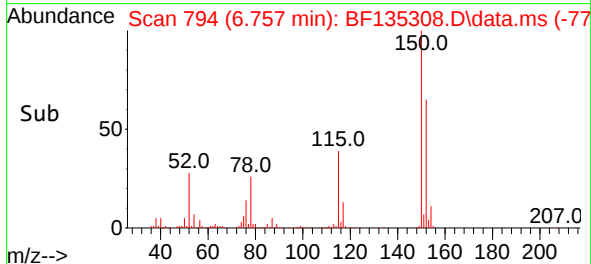
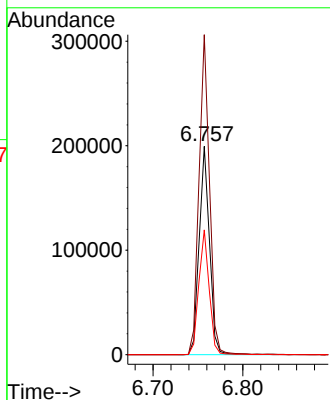
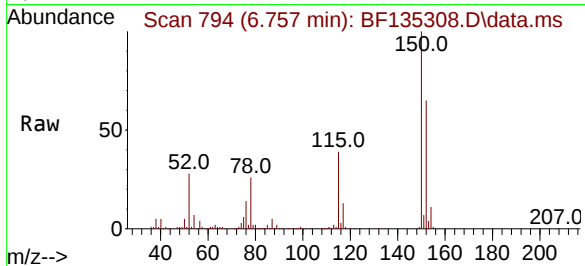




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135308.D
 Acq: 18 Sep 2023 15:59

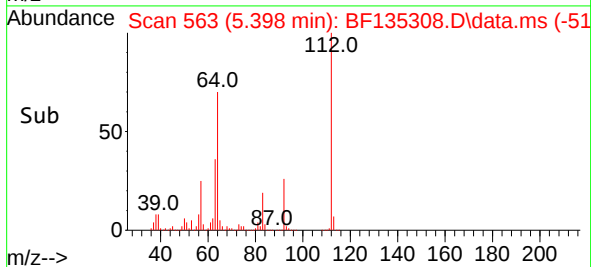
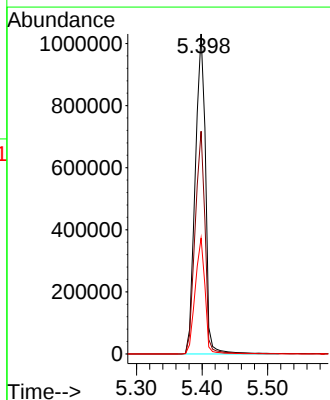
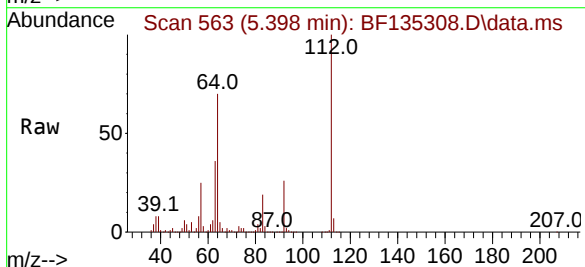
Instrument :
 BNA_F
 ClientSampleId :
 PB155592BL

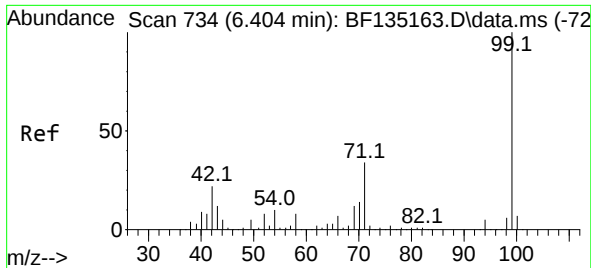
Tgt Ion:152 Resp: 160056
 Ion Ratio Lower Upper
 152 100
 150 153.6 127.8 191.6
 115 59.9 49.8 74.8



#5
 2-Fluorophenol
 Concen: 114.820 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF135308.D
 Acq: 18 Sep 2023 15:59

Tgt Ion:112 Resp: 1129924
 Ion Ratio Lower Upper
 112 100
 64 69.6 55.9 83.9
 63 36.2 29.0 43.6

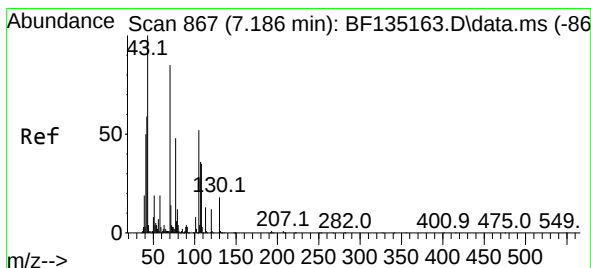
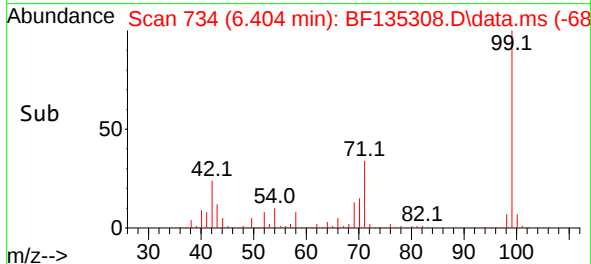
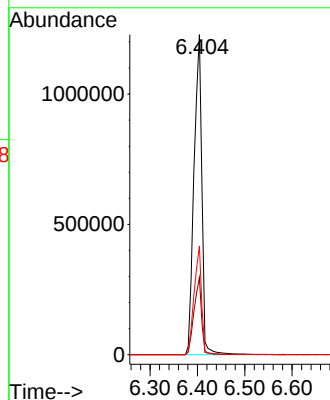
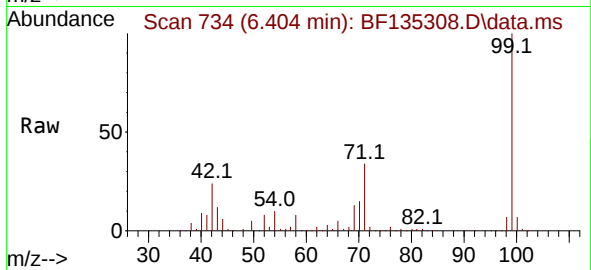




#7
Phenol-d6
Concen: 113.841 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

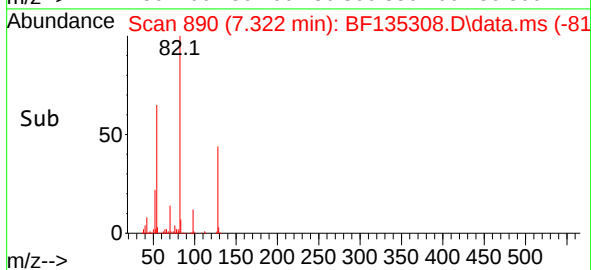
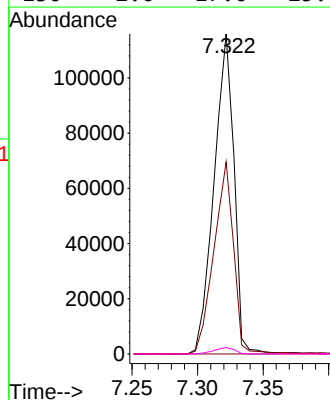
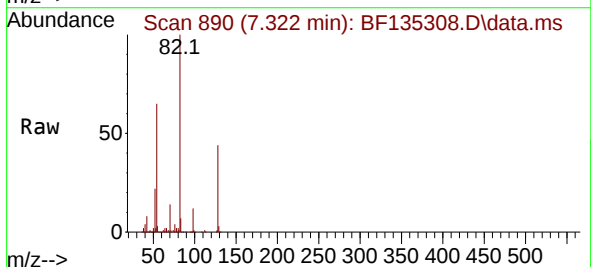
Instrument :
BNA_F
ClientSampleId :
PB155592BL

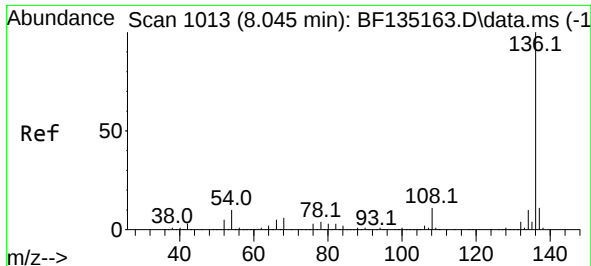
Tgt Ion: 99 Resp: 1424516
Ion Ratio Lower Upper
99 100
42 24.1 17.9 26.9
71 33.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.780 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

Tgt Ion: 70 Resp: 122308
Ion Ratio Lower Upper
70 100
42 60.0 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

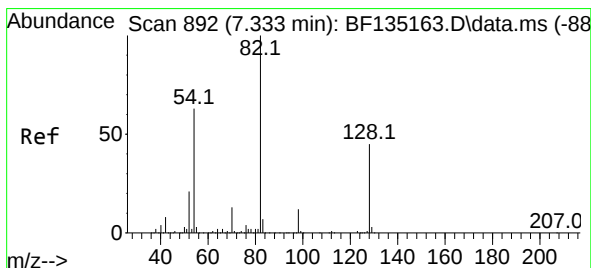
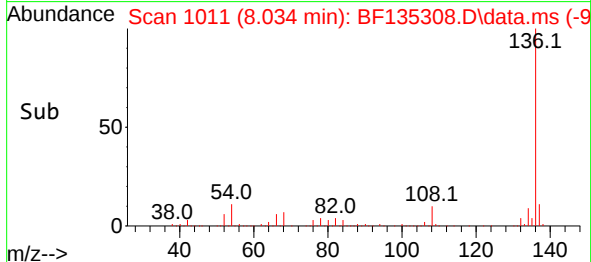
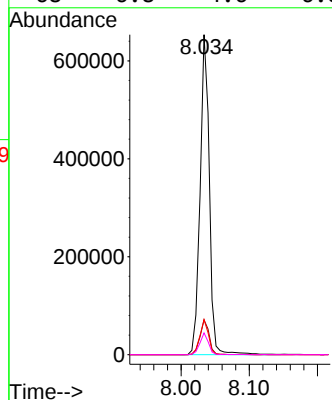
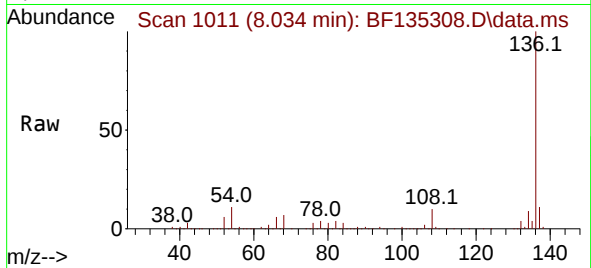




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

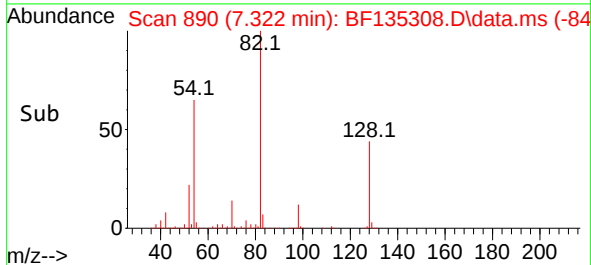
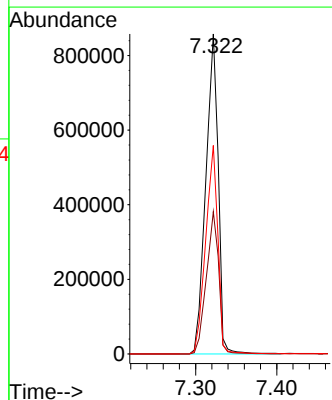
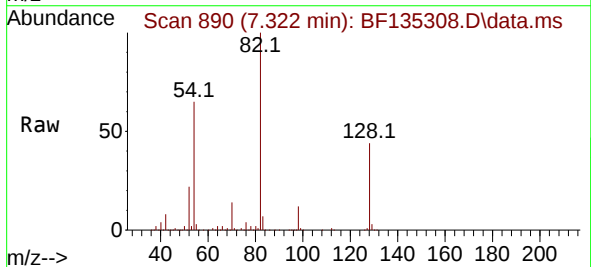
Instrument :
BNA_F
ClientSampleId :
PB155592BL

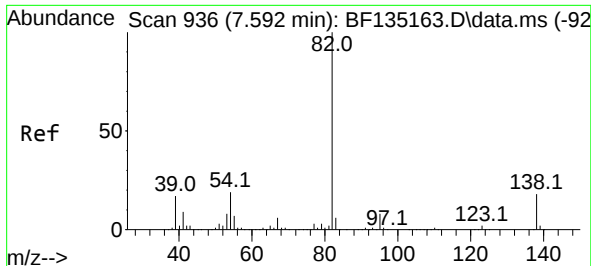
Tgt	Ion:136	Resp:	613651
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.9	7.7	11.5
68	6.8	4.6	6.8



#23
Nitrobenzene-d5
Concen: 80.361 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

Tgt Ion: 82	Resp: 907673
Ion Ratio	Lower Upper
82 100	
128 44.5	35.8 53.6
54 65.2	50.6 76.0

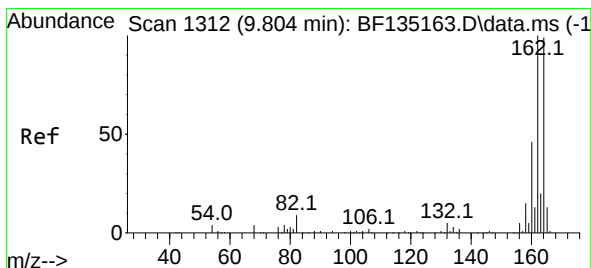
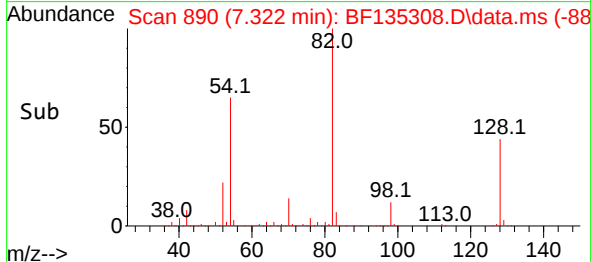
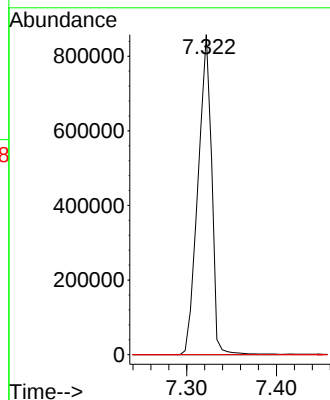
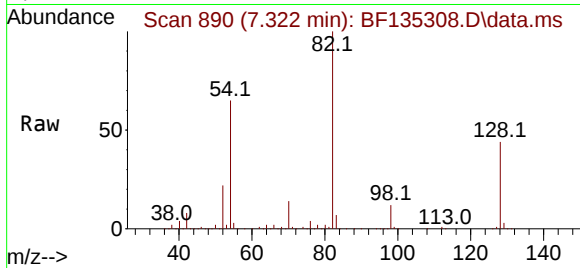




#25
Isophorone
Concen: 43.693 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

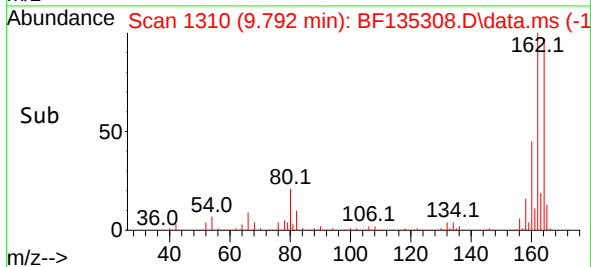
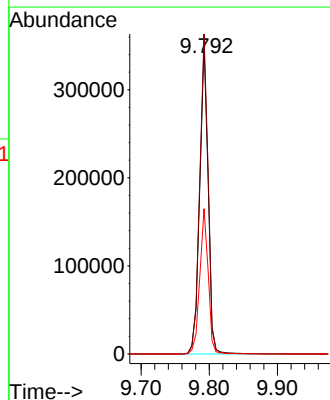
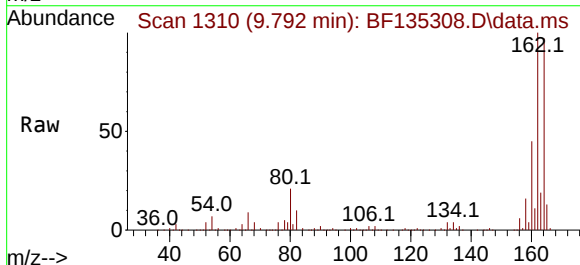
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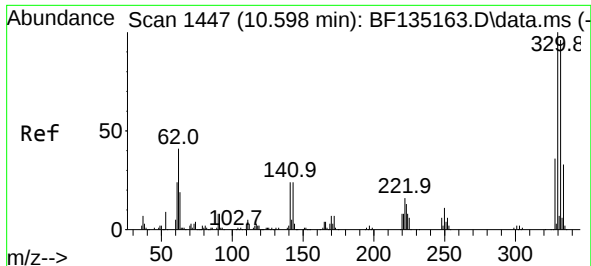
Tgt Ion: 82 Resp: 906229
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

Tgt Ion:164 Resp: 302558
Ion Ratio Lower Upper
164 100
162 103.3 81.0 121.4
160 46.9 37.0 55.4

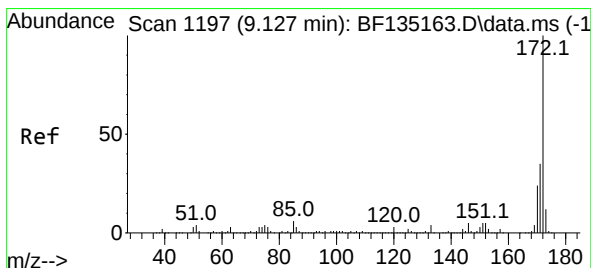
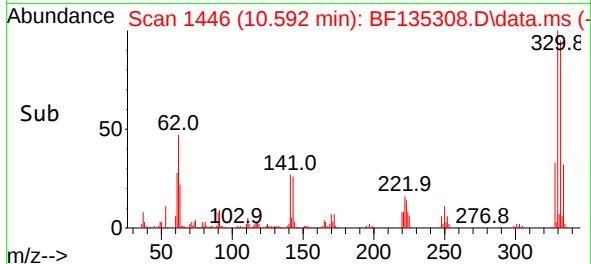
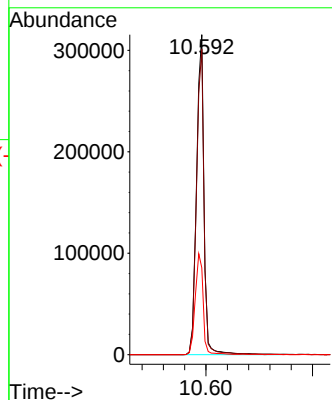
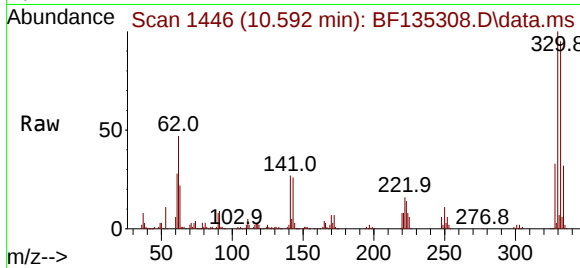




#42
2,4,6-Tribromophenol
Concen: 102.016 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

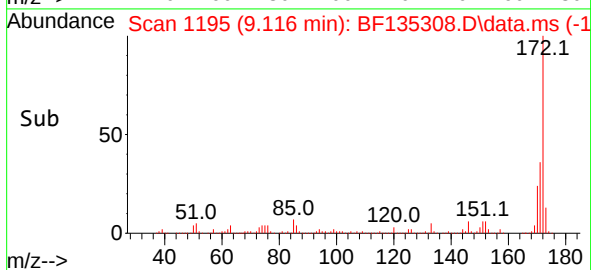
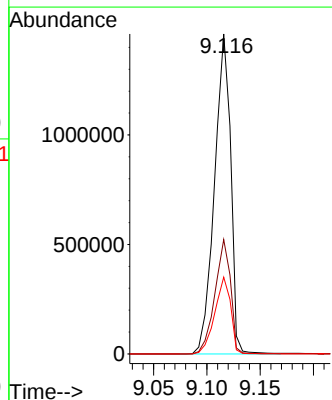
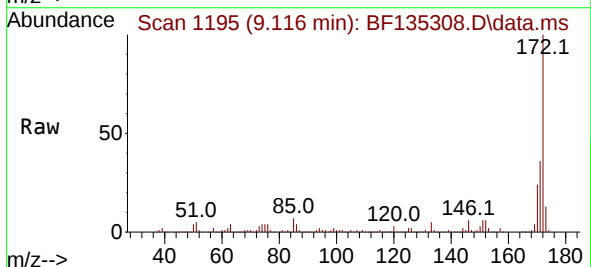
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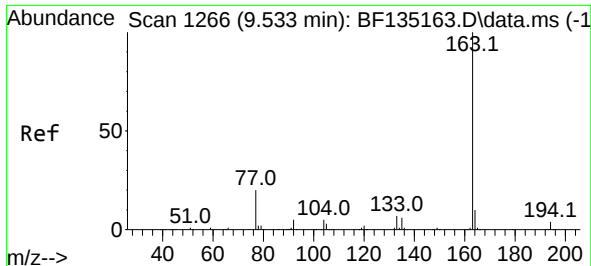
Tgt Ion:330 Resp: 306732
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 33.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 77.031 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

Tgt Ion:172 Resp: 1544770
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.0 19.0 28.4

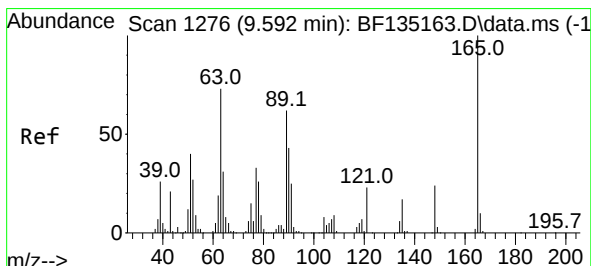
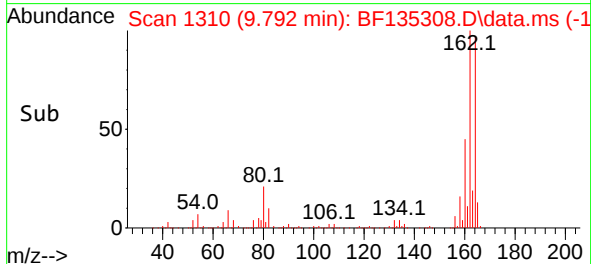
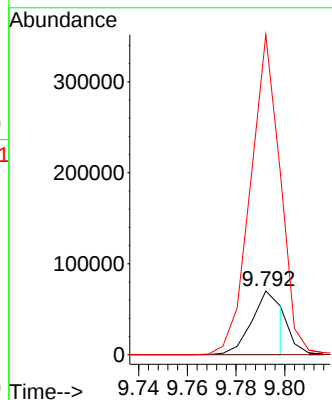
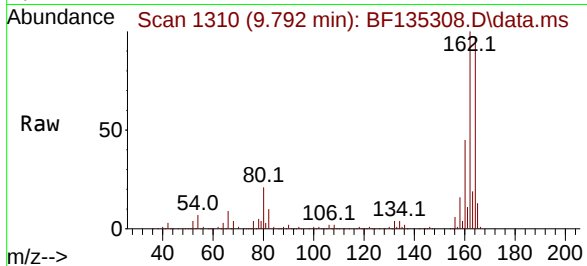




#50
Dimethylphthalate
Concen: 2.945 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

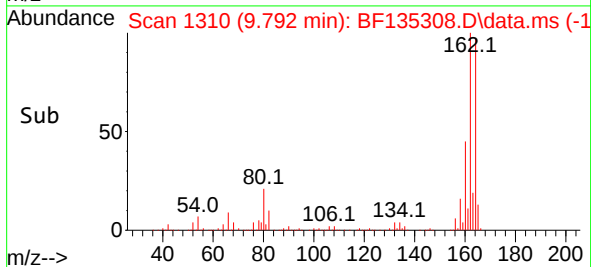
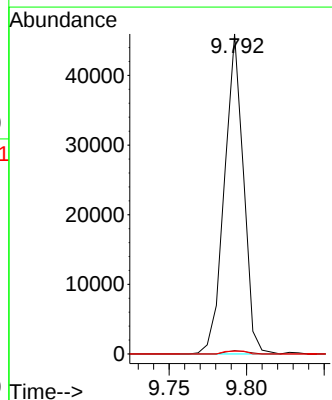
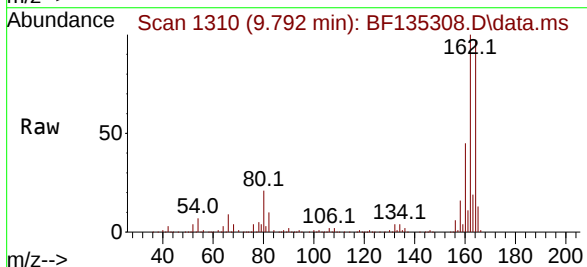
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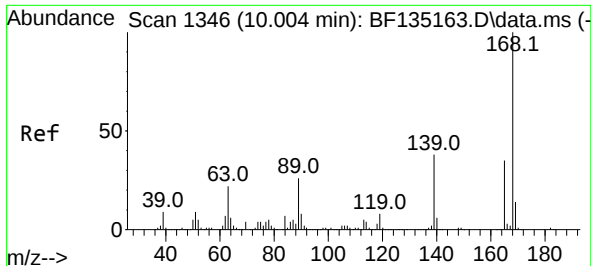
Tgt Ion:163 Resp: 60242
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 502.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.759 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

Tgt Ion:165 Resp: 39250
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 0.8 49.8 74.8#

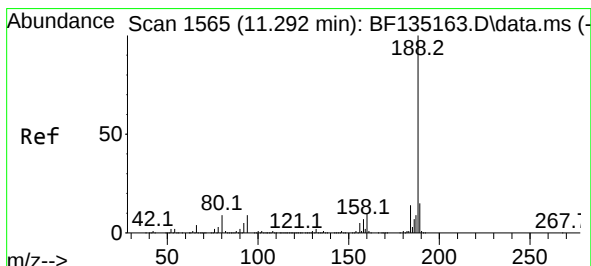
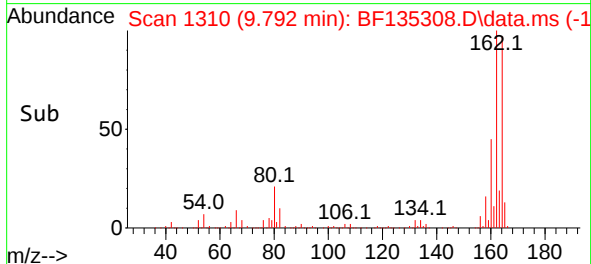
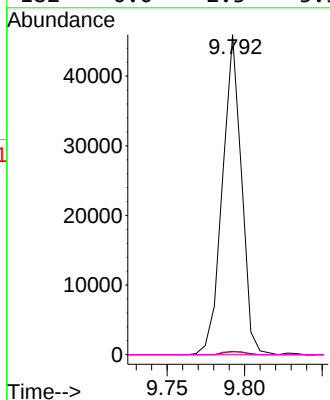
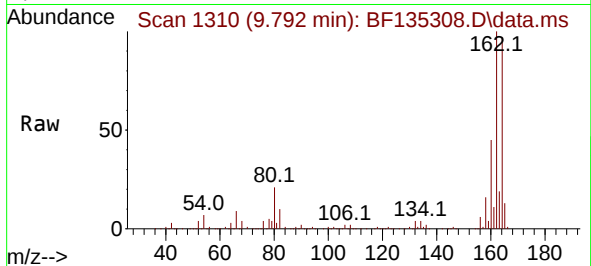




#57
2,4-Dinitrotoluene
Concen: 6.996 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

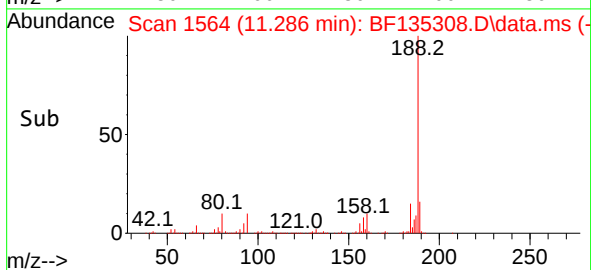
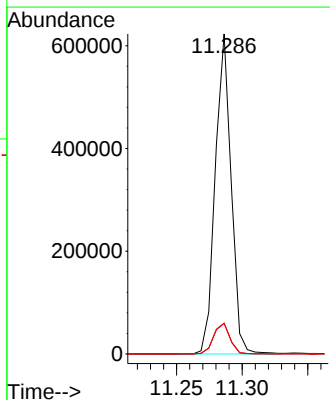
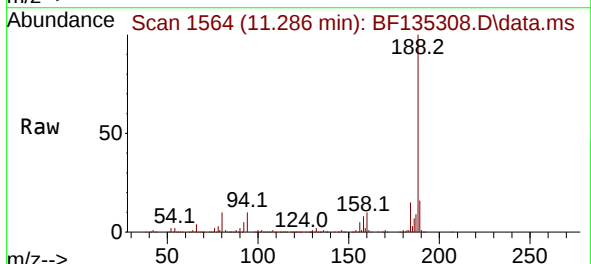
Instrument :
BNA_F
ClientSampleId :
PB155592BL

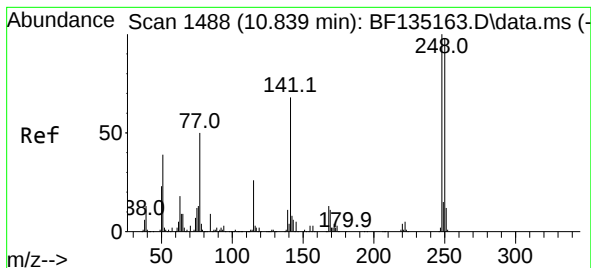
Tgt Ion:165 Resp: 39250
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 0.8 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

Tgt Ion:188 Resp: 523974
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.7 7.5 11.3

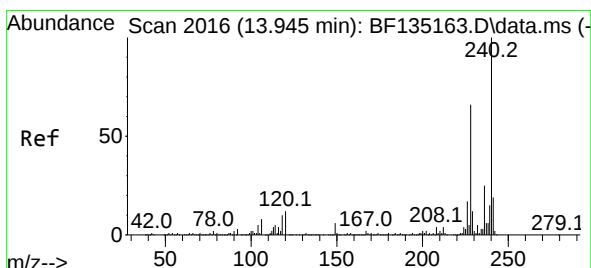
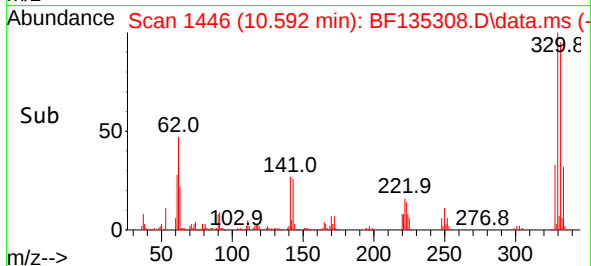
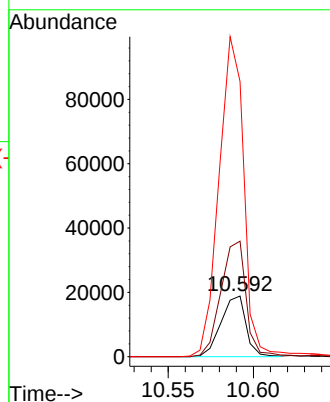
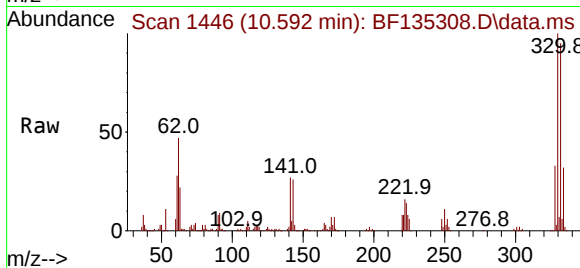




#67
4-Bromophenyl-phenylether
Concen: 3.695 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

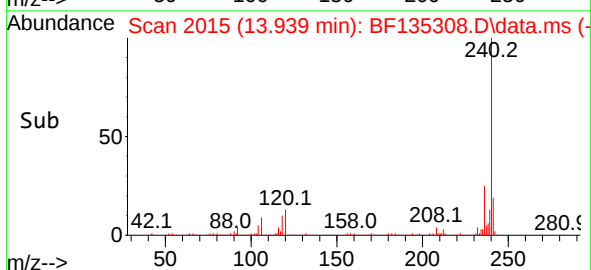
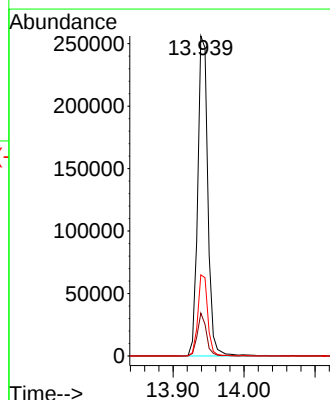
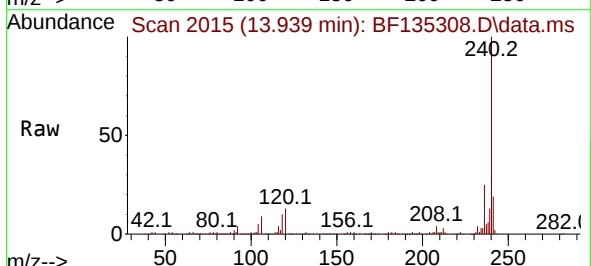
Instrument :
BNA_F
ClientSampleId :
PB155592BL

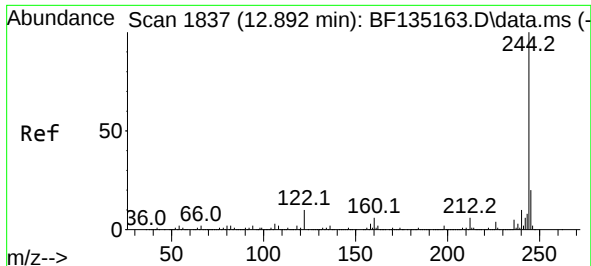
Tgt Ion:248 Resp: 19257
Ion Ratio Lower Upper
248 100
250 190.6 78.6 117.8#
141 454.2 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

Tgt Ion:240 Resp: 254323
Ion Ratio Lower Upper
240 100
120 13.4 9.4 14.2
236 25.3 19.8 29.8

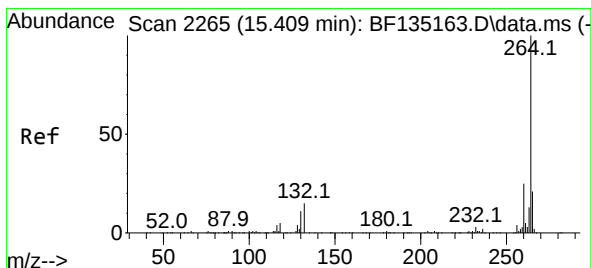
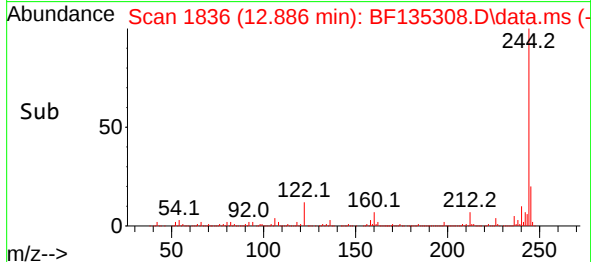
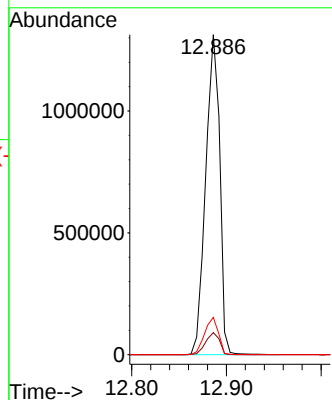
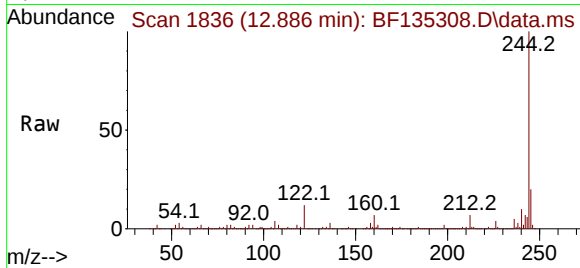




#79
 Terphenyl-d14
 Concen: 82.131 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135308.D
 Acq: 18 Sep 2023 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB155592BL

Tgt Ion:244 Resp: 1347437
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135308.D
 Acq: 18 Sep 2023 15:59

Tgt Ion:264 Resp: 277551
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 22.4 17.0 25.4

