

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135361.D
 Acq On : 20 Sep 2023 17:08
 Operator : CG\JU
 Sample : 04351-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B101-01

Quant Time: Sep 21 01:51:59 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)

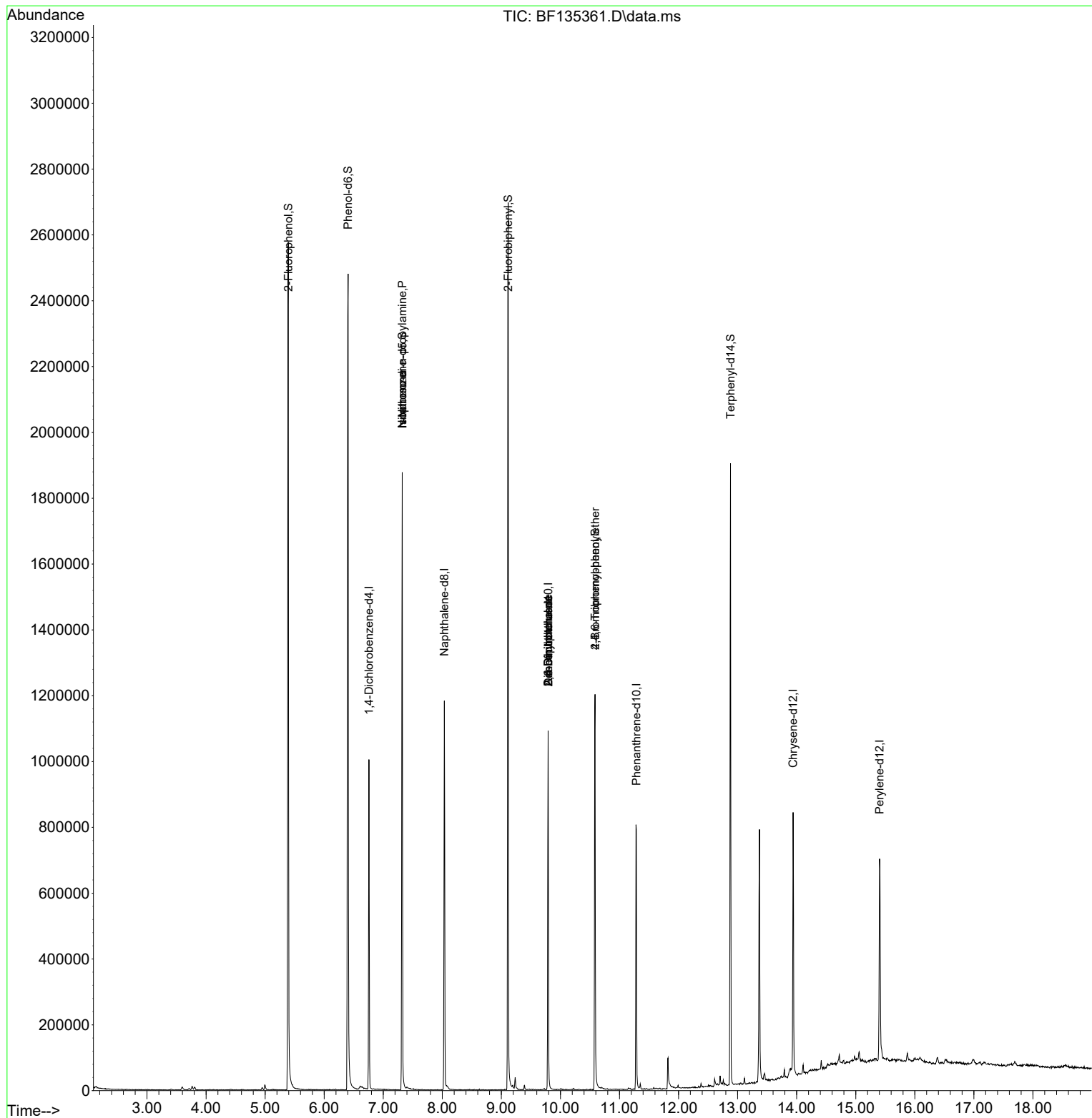
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	131640	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	490363	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	214356	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	329039	20.000	ng	0.00
76) Chrysene-d12	13.939	240	258208	20.000	ng	0.00
86) Perylene-d12	15.404	264	301481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	731271	90.350	ng	0.00
7) Phenol-d6	6.404	99	897268	87.184	ng	0.00
23) Nitrobenzene-d5	7.322	82	540217	59.853	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	140938	66.162	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	885195	62.303	ng	-0.01
79) Terphenyl-d14	12.880	244	627170	37.653	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	70885	11.120	ng	# 78
25) Isophorone	7.322	82	540210	32.595	ng	# 65
50) Dimethylphthalate	9.792	163	41345	2.853	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	26938	8.485	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	26938	6.777	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	9061	2.769	ng	# 1

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

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BNA_F
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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

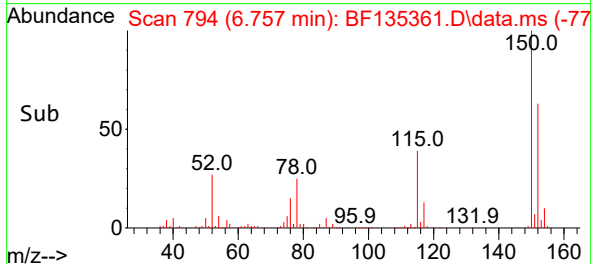
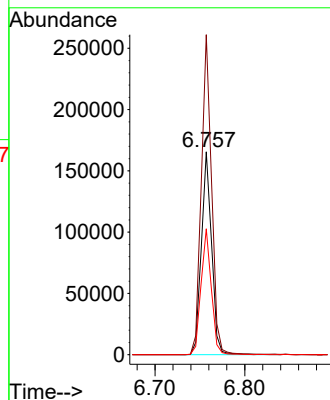
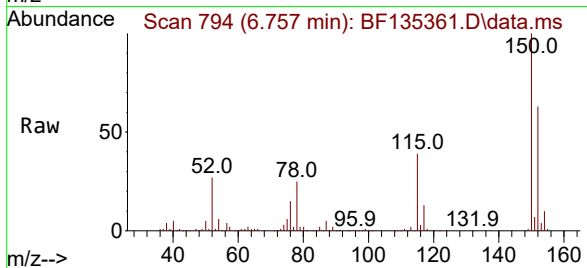




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

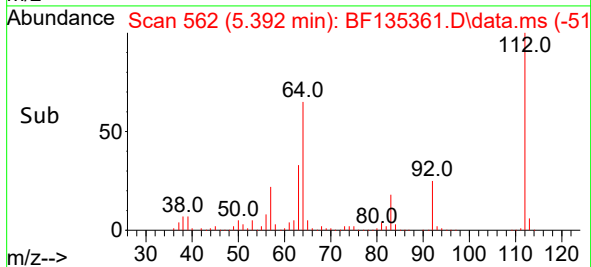
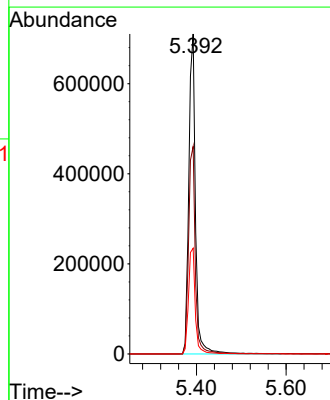
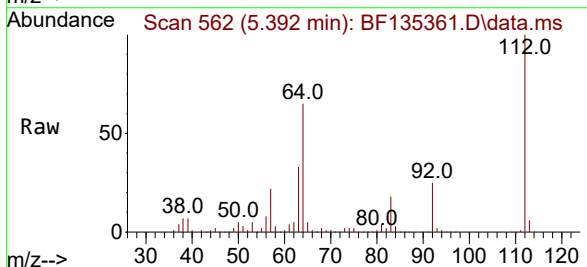
Instrument :
BNA_F
ClientSampleId :
B101-01

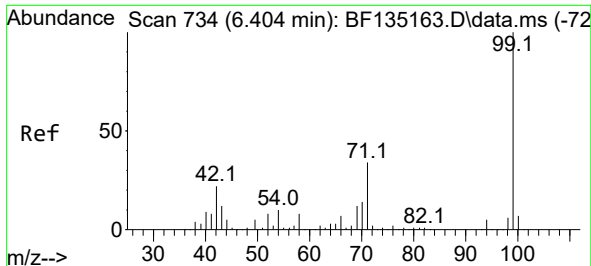
Tgt Ion:152 Resp: 131640
Ion Ratio Lower Upper
152 100
150 157.7 127.8 191.6
115 62.0 49.8 74.8



#5
2-Fluorophenol
Concen: 90.350 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

Tgt Ion:112 Resp: 731271
Ion Ratio Lower Upper
112 100
64 64.9 55.9 83.9
63 33.0 29.0 43.6

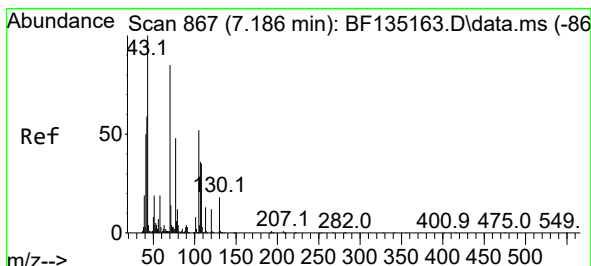
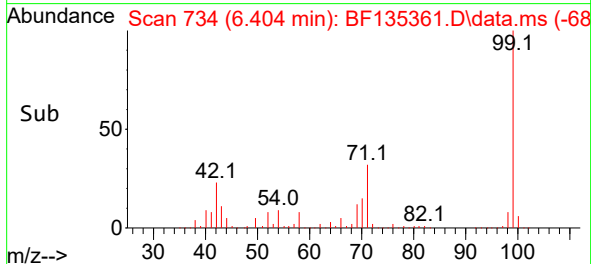
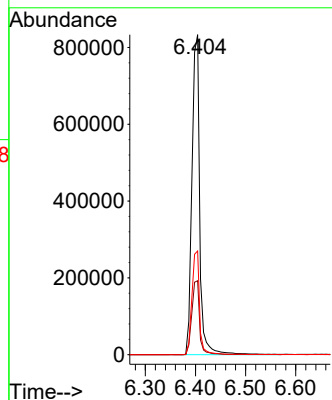
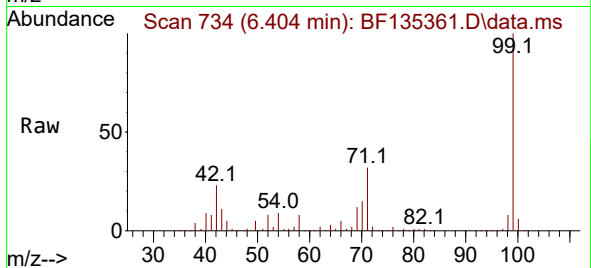




#7
Phenol-d6
Concen: 87.184 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

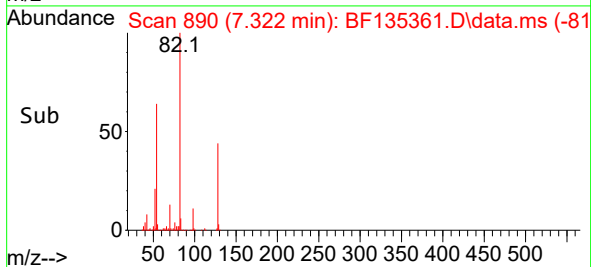
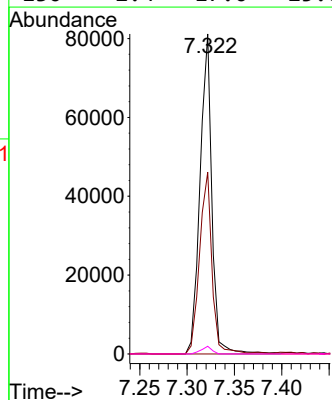
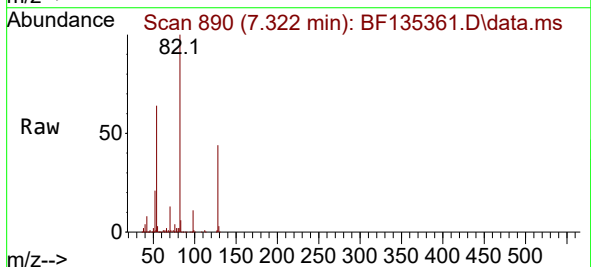
Instrument :
BNA_F
ClientSampleId :
B101-01

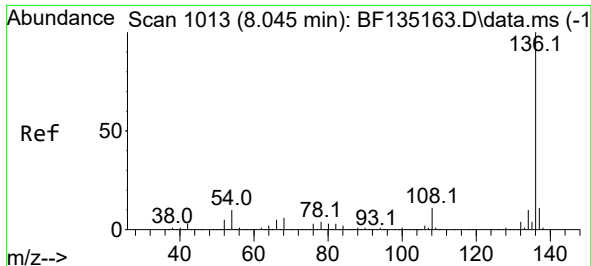
Tgt Ion: 99 Resp: 897268
Ion Ratio Lower Upper
99 100
42 23.1 17.9 26.9
71 32.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.120 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

Tgt Ion: 70 Resp: 70885
Ion Ratio Lower Upper
70 100
42 56.8 55.4 83.0
101 0.0 7.7 11.5#
130 2.4 17.0 25.6#

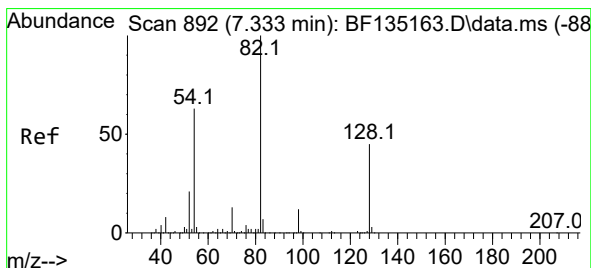
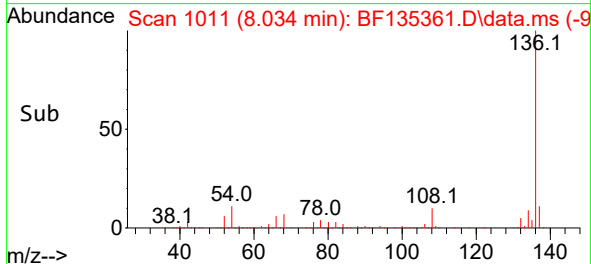
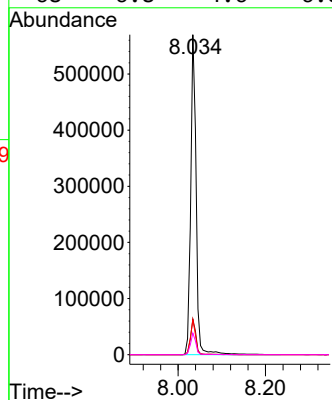
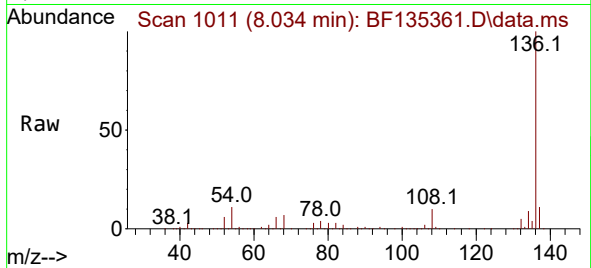




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

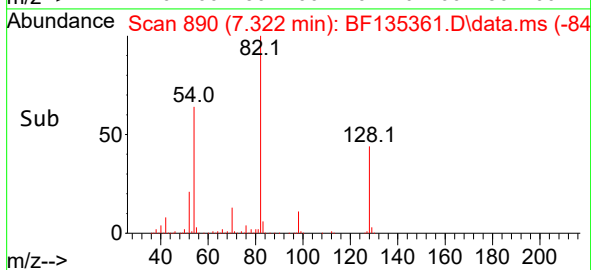
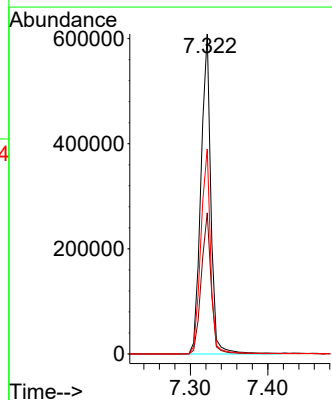
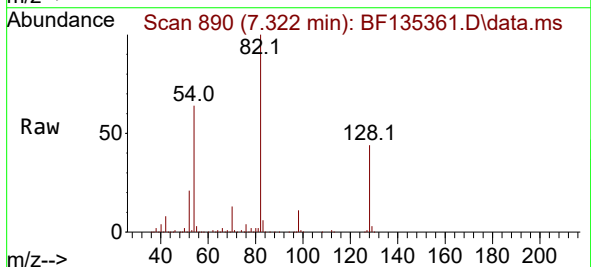
Instrument :
BNA_F
ClientSampleId :
B101-01

Tgt Ion	136	Resp: 490363	
	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.9	7.7	11.5
68	6.8	4.6	6.8



#23
Nitrobenzene-d5
Concen: 59.853 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

Tgt Ion: 82	Resp: 540217
Ion Ratio	Lower Upper
82 100	
128 44.1	35.8 53.6
54 64.0	50.6 76.0

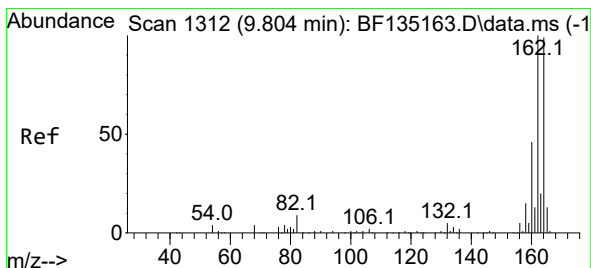
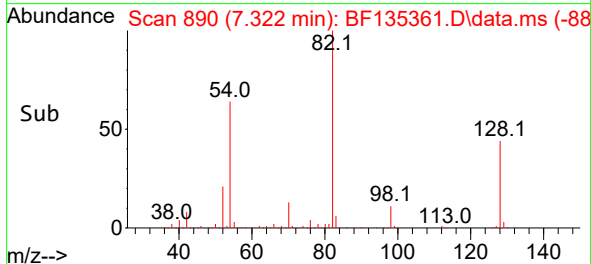
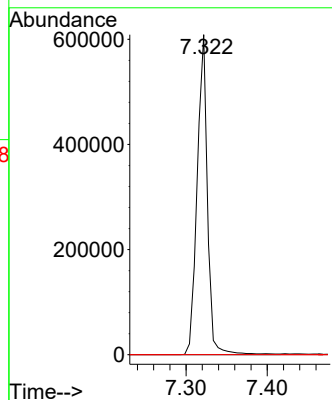
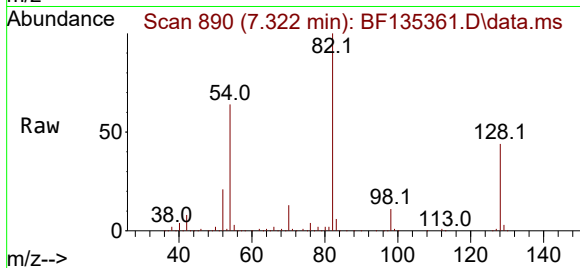




#25
Isophorone
Concen: 32.595 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

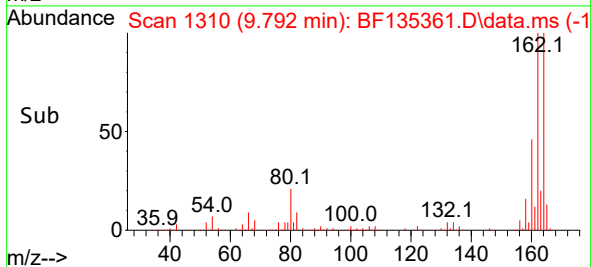
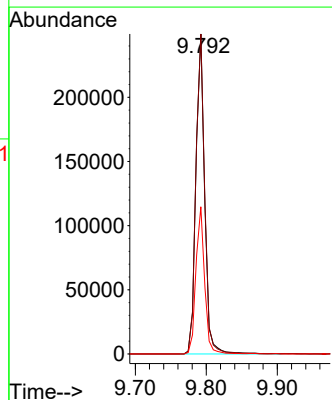
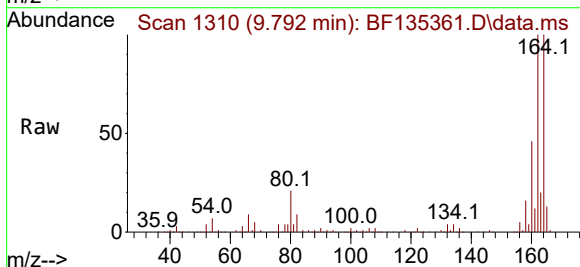
Instrument :
BNA_F
ClientSampleId :
B101-01

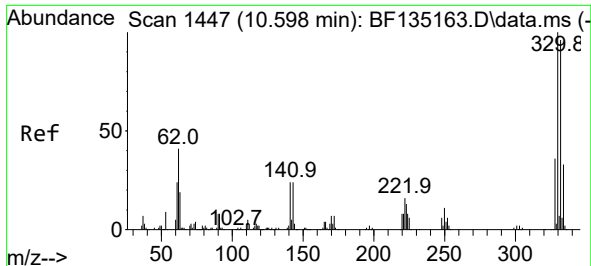
Tgt Ion: 82 Resp: 540210
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

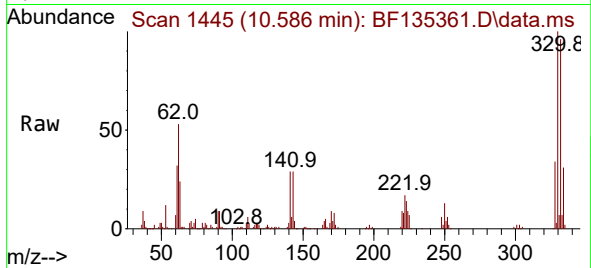
Tgt Ion: 164 Resp: 214356
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 46.0 37.0 55.4



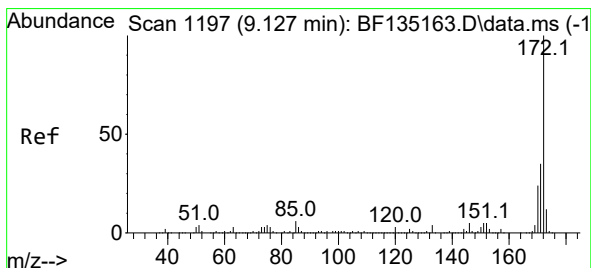
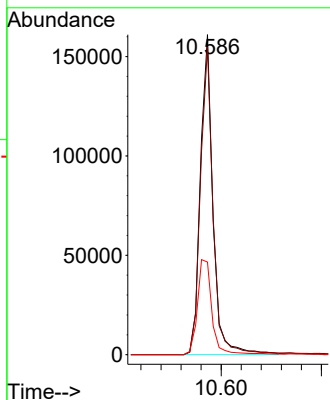
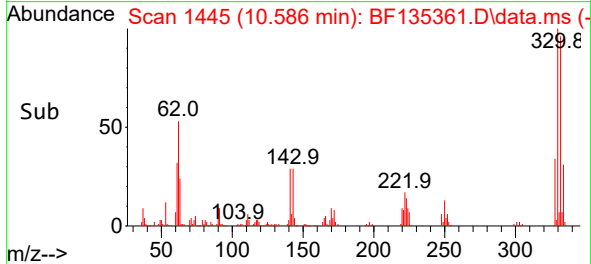


#42
2,4,6-Tribromophenol
Concen: 66.162 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

Instrument :
BNA_F
ClientSampleId :
B101-01

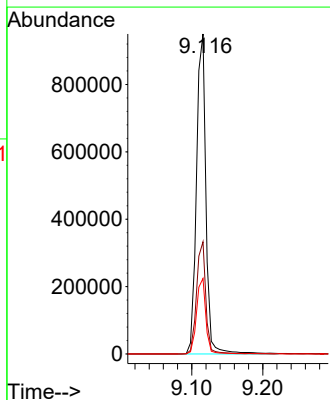
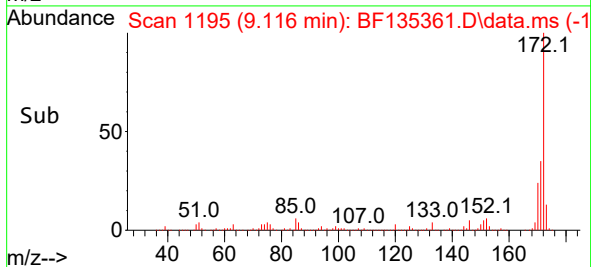
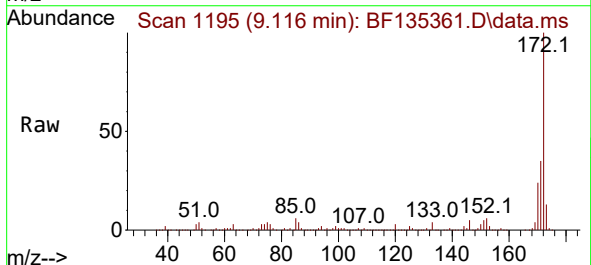


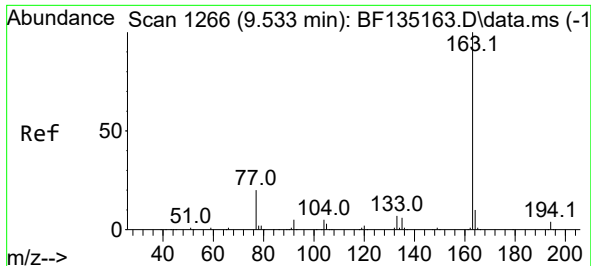
Tgt Ion:330 Resp: 140938
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 34.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 62.303 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

Tgt Ion:172 Resp: 885195
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.6 19.0 28.4

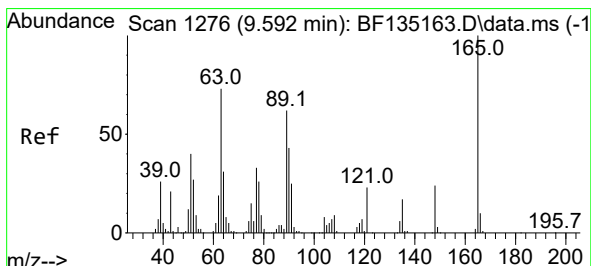
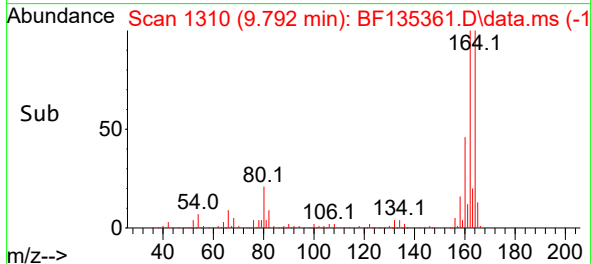
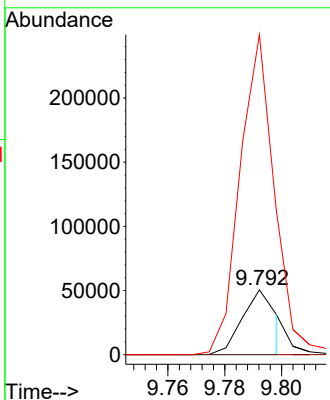
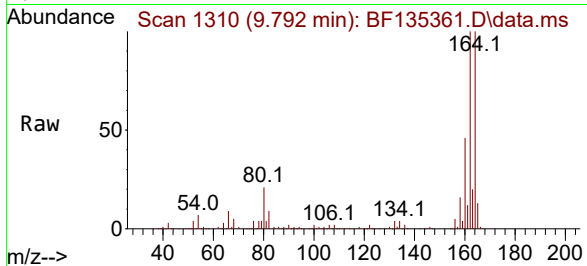




#50
Dimethylphthalate
Concen: 2.853 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

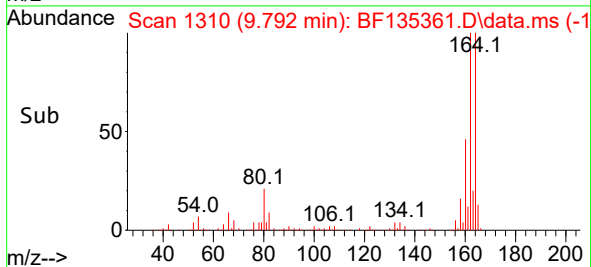
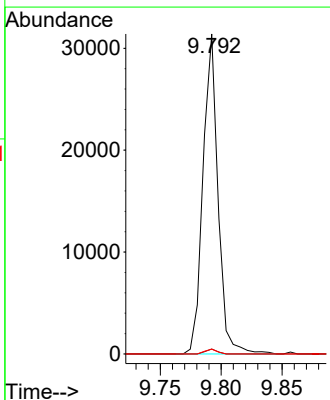
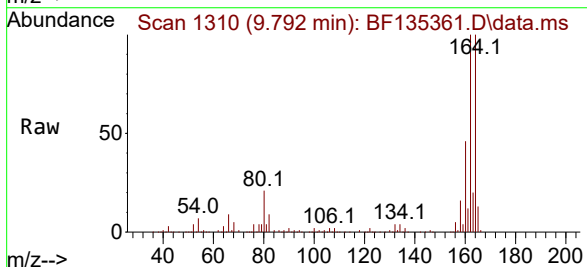
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BNA_F
ClientSampleId :
B101-01

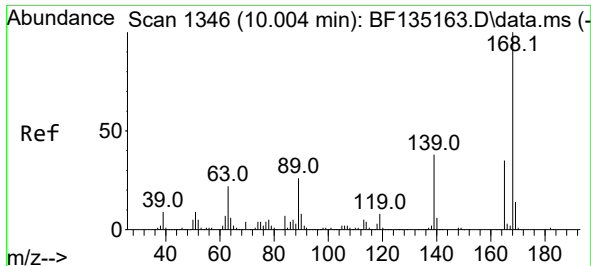
Tgt Ion:163 Resp: 41345
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 493.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.485 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

Tgt Ion:165 Resp: 26938
Ion Ratio Lower Upper
165 100
63 1.6 59.4 89.2#
89 1.5 49.8 74.8#

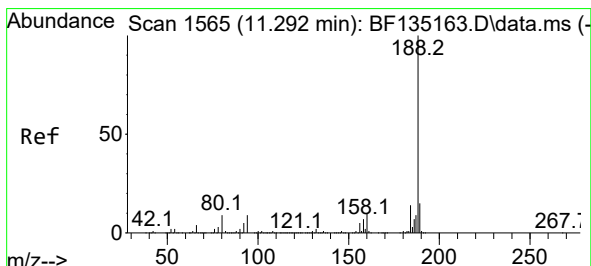
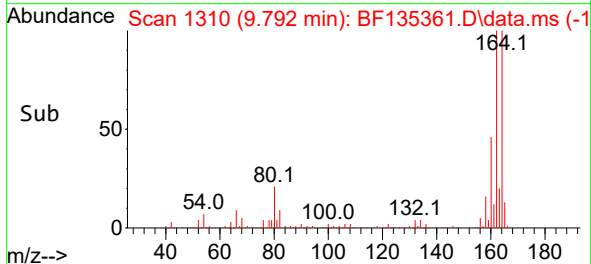
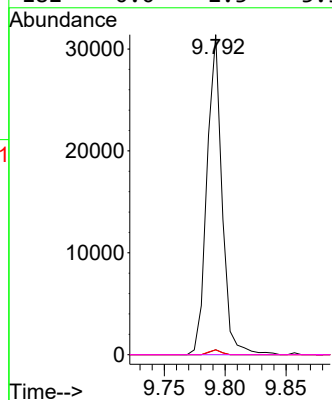
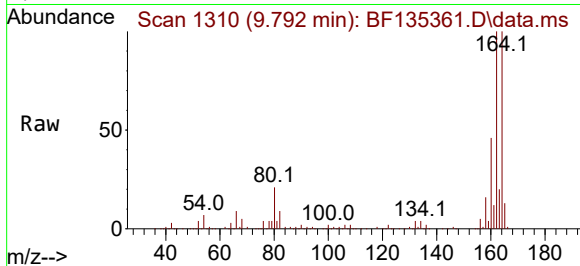




#57
2,4-Dinitrotoluene
Concen: 6.777 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

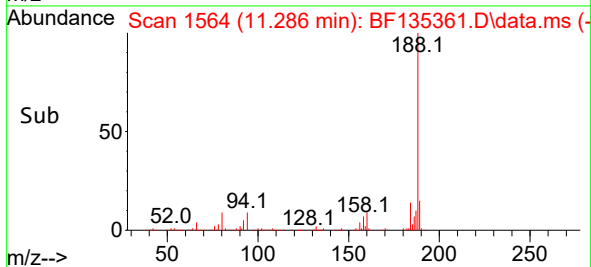
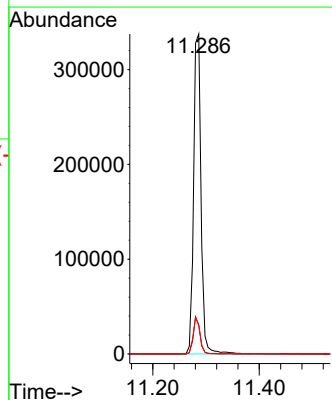
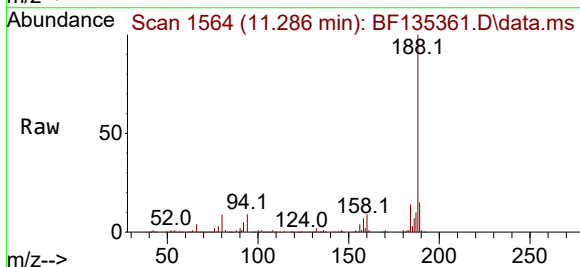
Instrument :
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B101-01

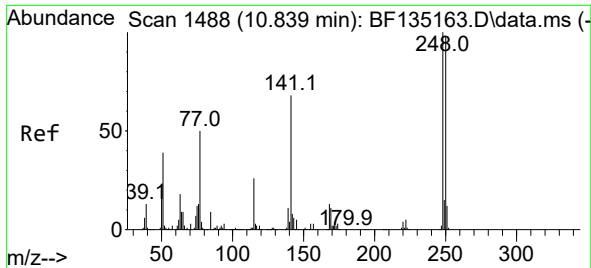
Tgt Ion:165	Resp:	26938
Ion Ratio	Lower	Upper
165	100	
63	1.6	50.1 75.1#
89	1.5	59.3 88.9#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

Tgt Ion:188	Resp:	329039
Ion Ratio	Lower	Upper
188	100	
94	8.8	7.0 10.6
80	9.1	7.5 11.3

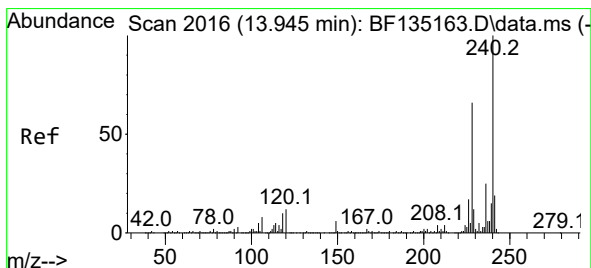
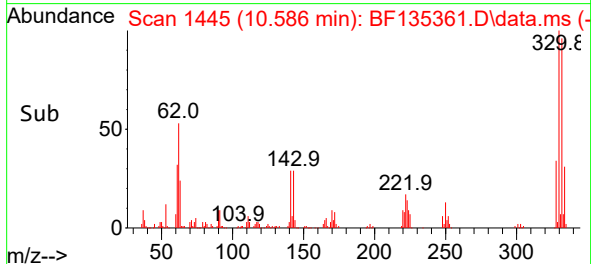
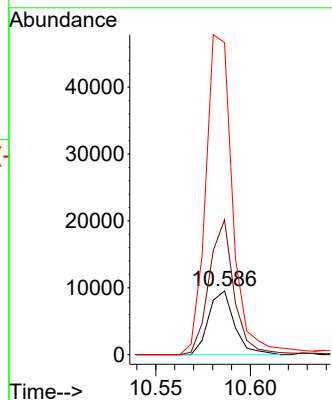
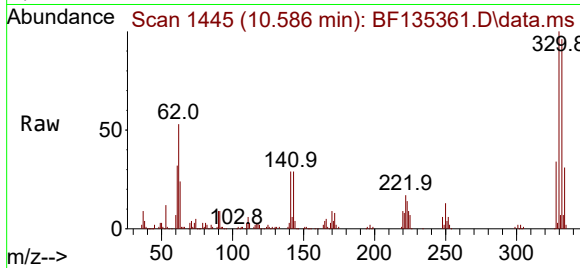




#67
4-Bromophenyl-phenylether
Concen: 2.769 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

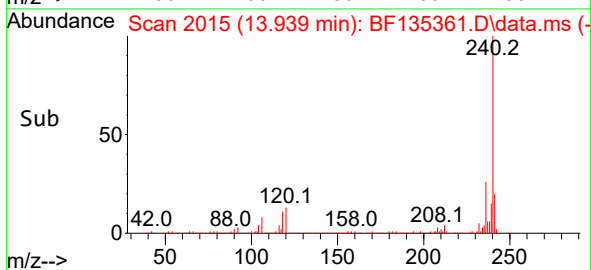
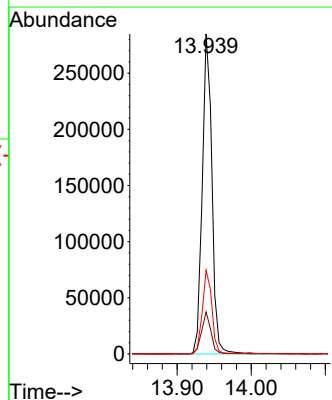
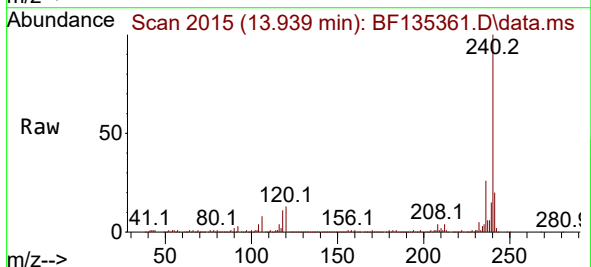
Instrument :
BNA_F
ClientSampleId :
B101-01

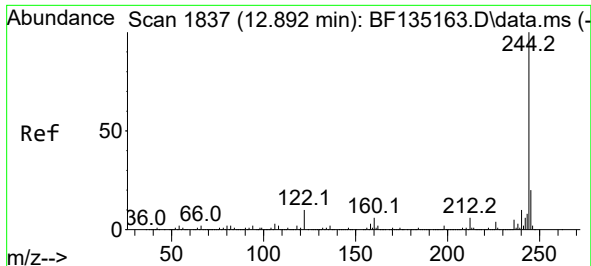
Tgt Ion:248 Resp: 9061
Ion Ratio Lower Upper
248 100
250 211.7 78.6 117.8#
141 489.6 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

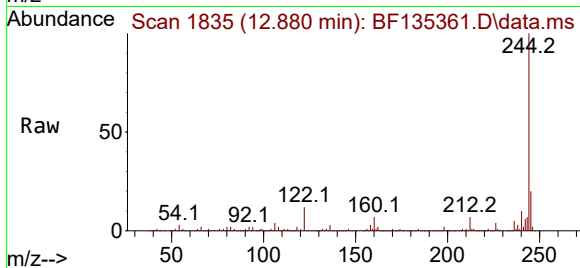
Tgt Ion:240 Resp: 258208
Ion Ratio Lower Upper
240 100
120 13.2 9.4 14.2
236 26.2 19.8 29.8



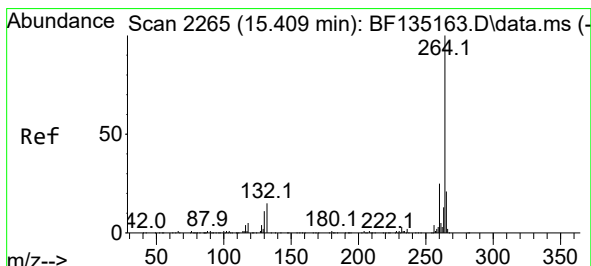
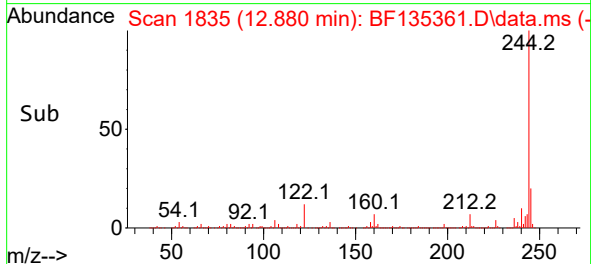
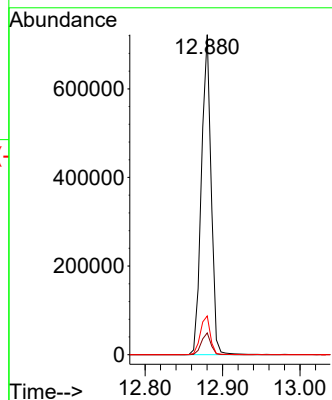


#79
 Terphenyl-d14
 Concen: 37.653 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135361.D
 Acq: 20 Sep 2023 17:08

Instrument :
 BNA_F
 ClientSampleId :
 B101-01



Tgt Ion:244 Resp: 627170
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 12.1 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF135361.D
 Acq: 20 Sep 2023 17:08

Tgt Ion:264 Resp: 301481
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.8 29.6
 265 22.4 17.0 25.4

