

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135414.D
 Acq On : 22 Sep 2023 22:53
 Operator : CG\JU
 Sample : 04453-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B102-02

Quant Time: Sep 23 05:00:11 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)

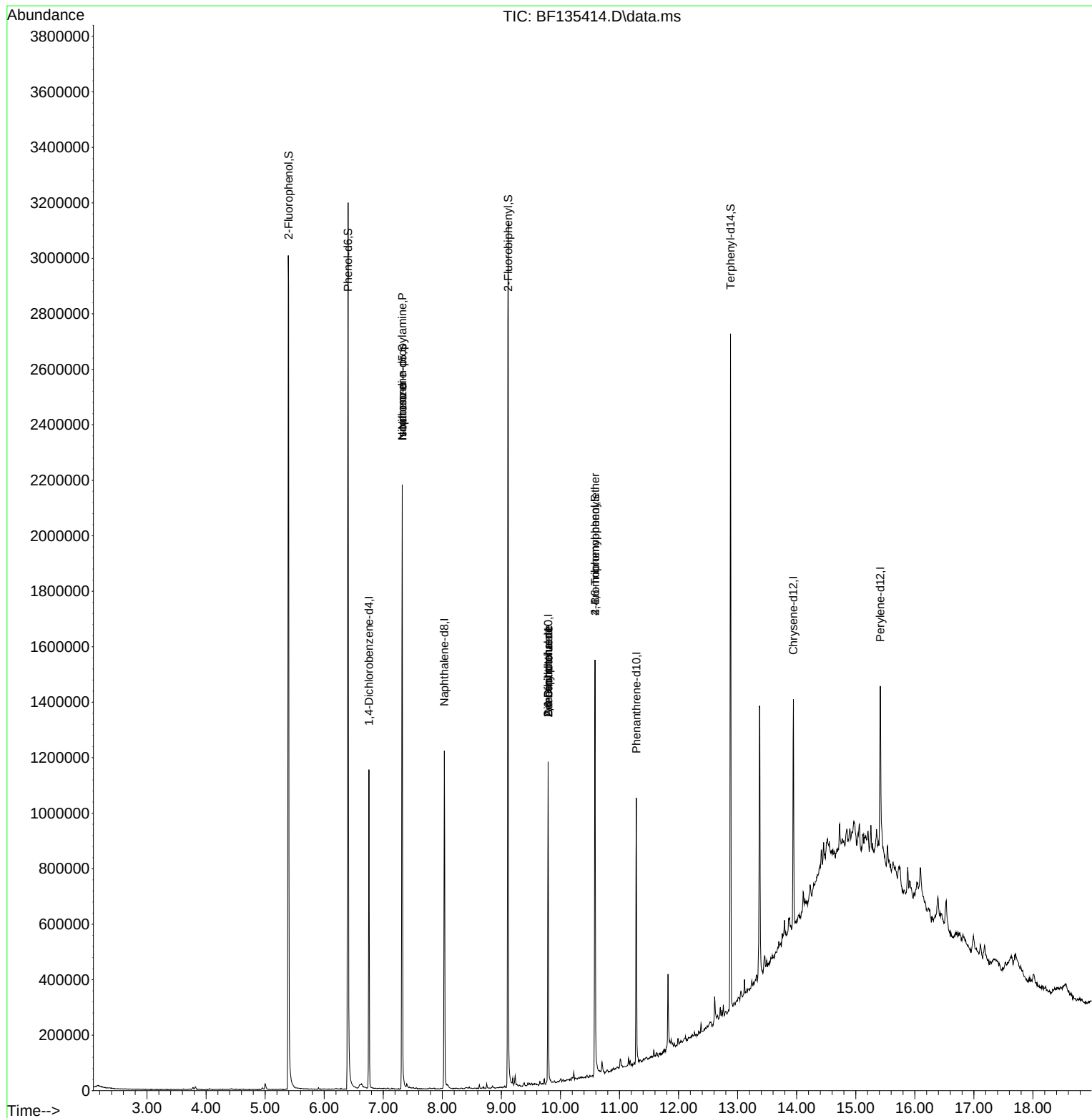
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	151336	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	523619	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	224267	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	355244	20.000	ng	0.00
76) Chrysene-d12	13.945	240	286244	20.000	ng	0.00
86) Perylene-d12	15.415	264	280035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	888515	95.491	ng	0.01
7) Phenol-d6	6.404	99	1078181	91.128	ng	0.00
23) Nitrobenzene-d5	7.322	82	650697	67.515	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	171959	77.158	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1011232	68.029	ng	-0.01
79) Terphenyl-d14	12.880	244	851526	46.116	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	84509	11.532	ng	# 81
25) Isophorone	7.322	82	650689	36.767	ng	# 65
50) Dimethylphthalate	9.792	163	42878	2.828	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	29492	8.879	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	29492	7.092	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	11362	3.216	ng	# 1

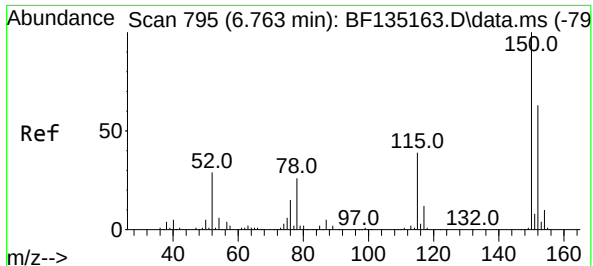
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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BNA_F
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Quant Time: Sep 23 05:00:11 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

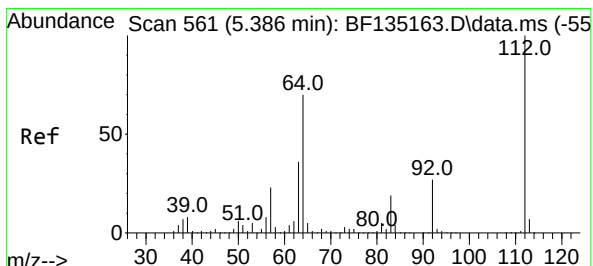
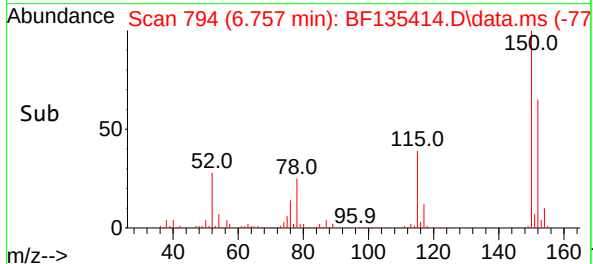
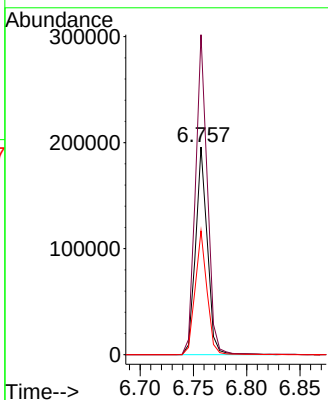
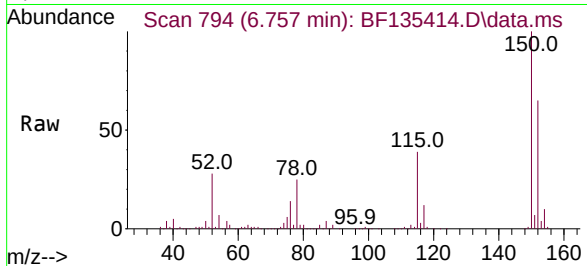




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

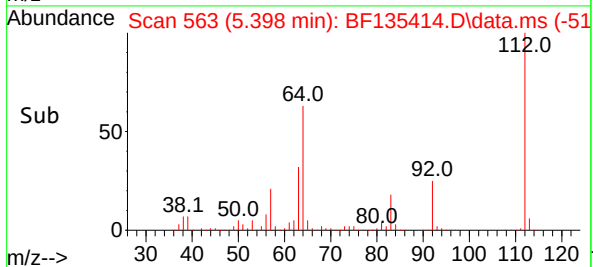
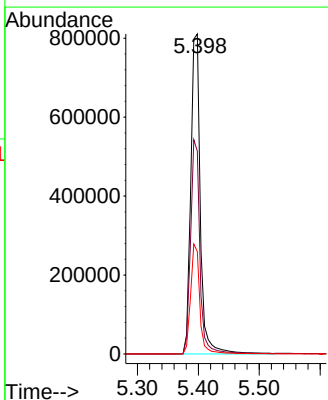
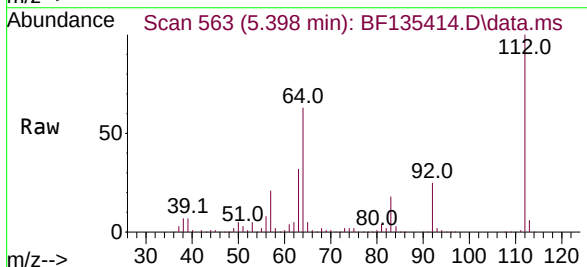
Instrument :
BNA_F
ClientSampleId :
B102-02

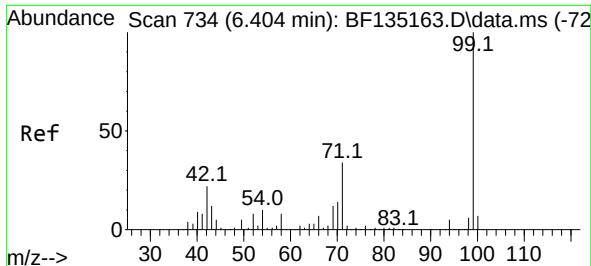
Tgt Ion:152 Resp: 151336
Ion Ratio Lower Upper
152 100
150 154.1 127.8 191.6
115 59.7 49.8 74.8



#5
2-Fluorophenol
Concen: 95.491 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

Tgt Ion:112 Resp: 888515
Ion Ratio Lower Upper
112 100
64 63.4 55.9 83.9
63 32.0 29.0 43.6

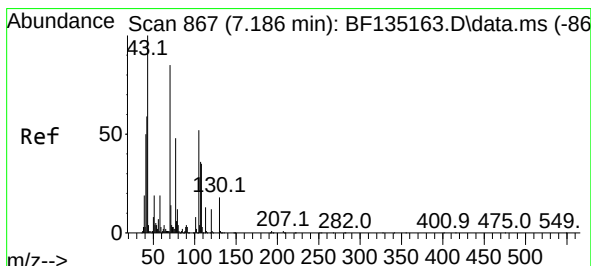
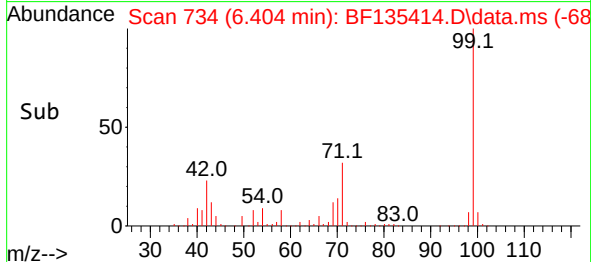
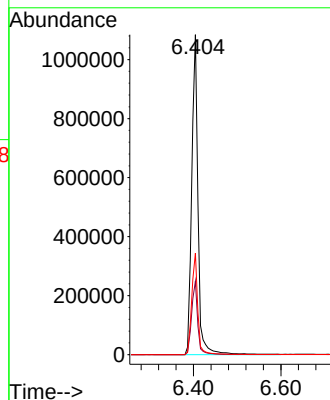
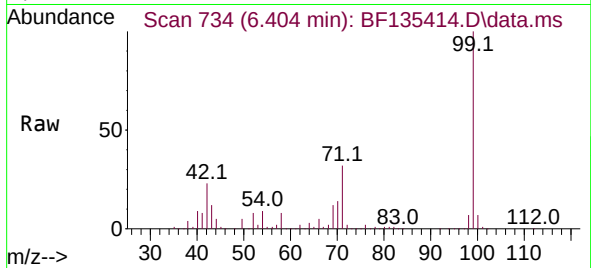




#7
Phenol-d6
Concen: 91.128 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

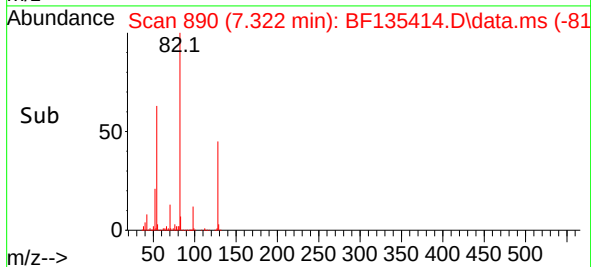
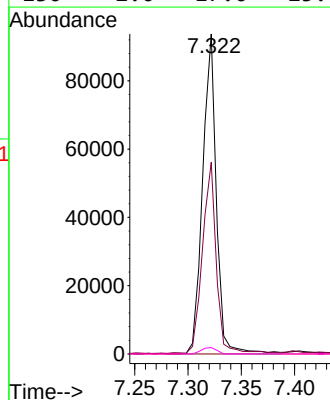
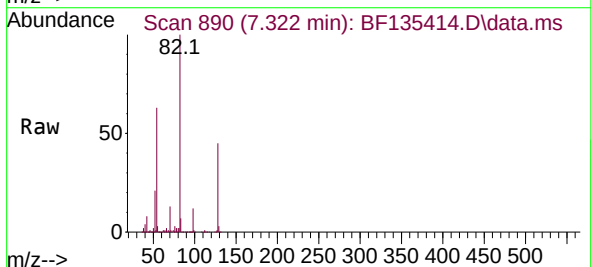
Instrument :
BNA_F
ClientSampleId :
B102-02

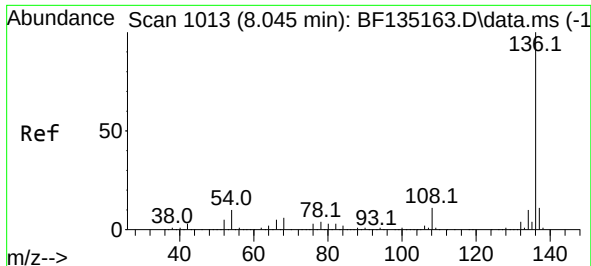
Tgt Ion: 99 Resp: 1078181
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 31.7 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.532 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

Tgt Ion: 70 Resp: 84509
Ion Ratio Lower Upper
70 100
42 59.9 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

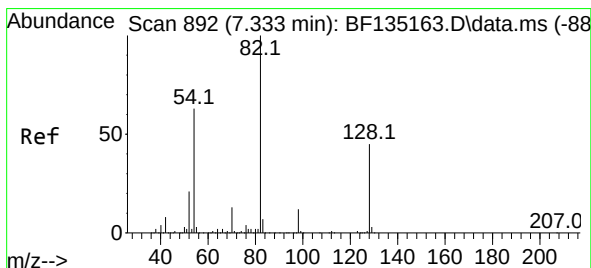
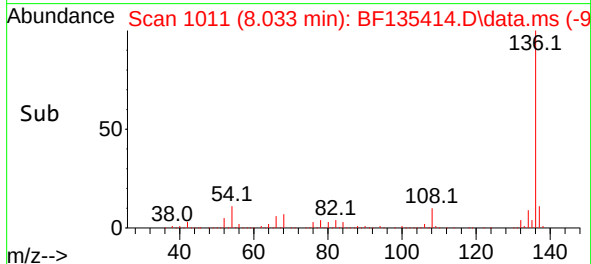
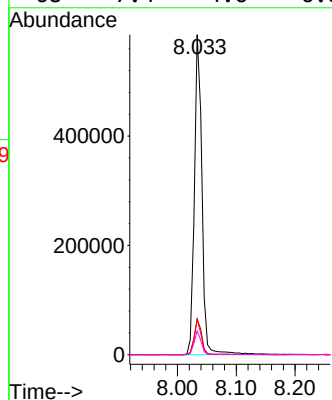
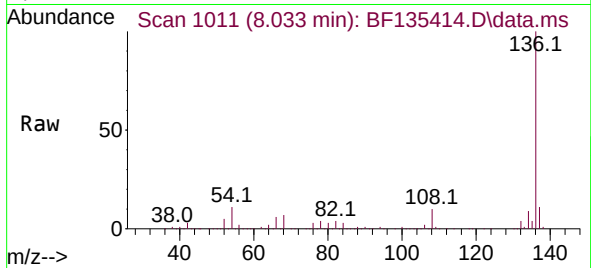




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

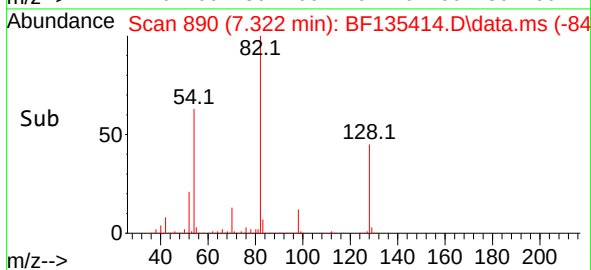
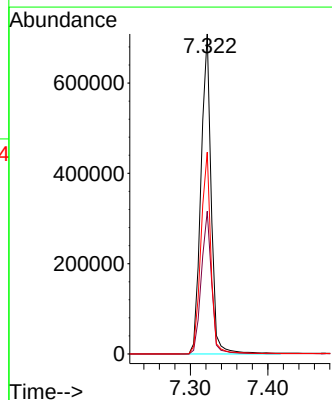
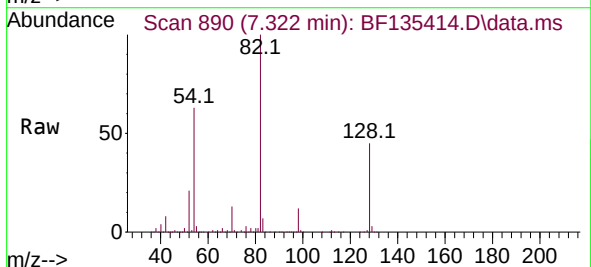
Instrument :
BNA_F
ClientSampleId :
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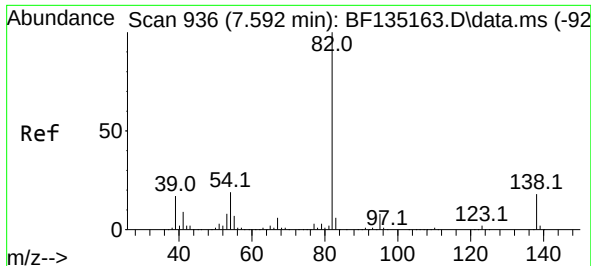
Tgt Ion:136 Resp: 523619
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.0 7.7 11.5
68 7.4 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 67.515 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

Tgt Ion: 82 Resp: 650697
Ion Ratio Lower Upper
82 100
128 44.6 35.8 53.6
54 63.0 50.6 76.0

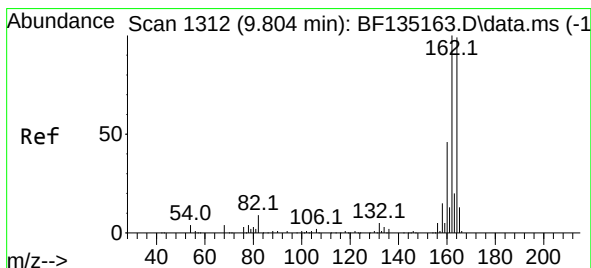
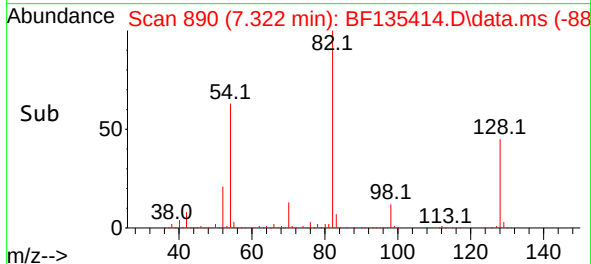
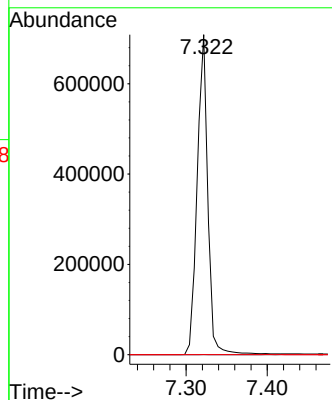
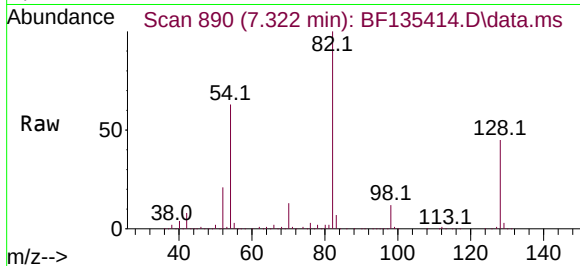




#25
Isophorone
Concen: 36.767 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

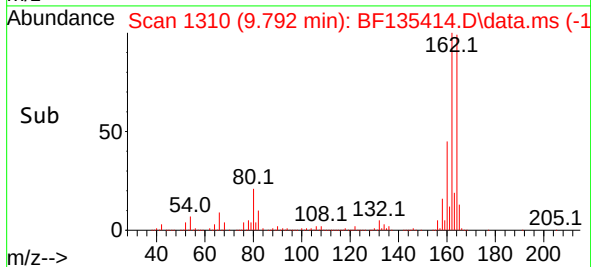
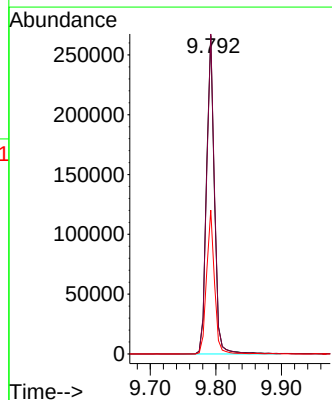
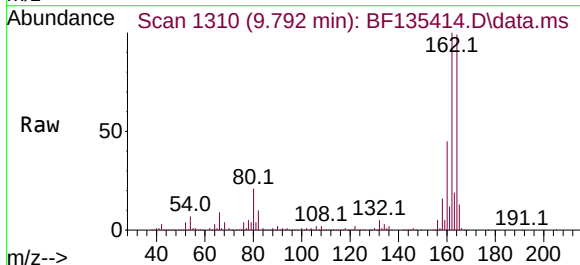
Instrument :
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ClientSampleId :
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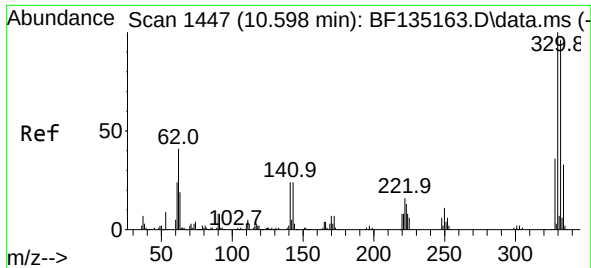
Tgt Ion: 82 Resp: 650689
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

Tgt Ion: 164 Resp: 224267
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.4
160 45.2 37.0 55.4

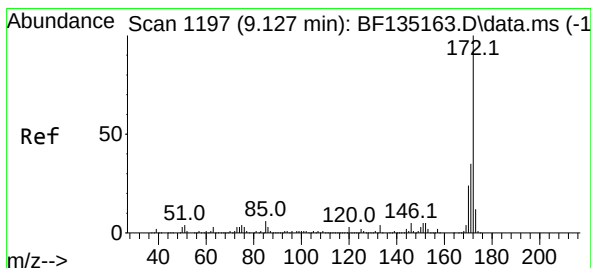
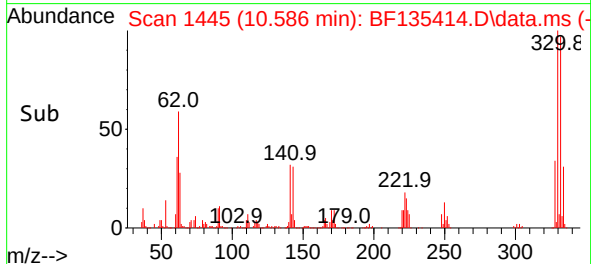
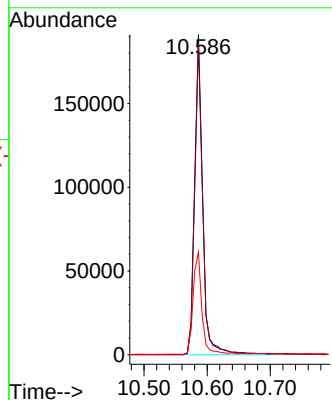
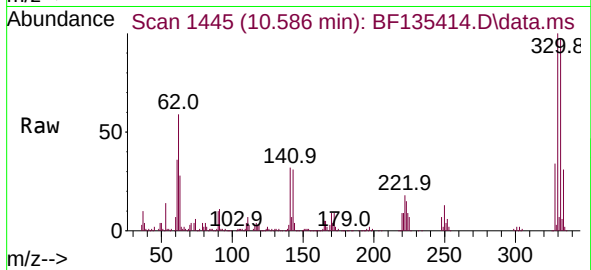




#42
2,4,6-Tribromophenol
Concen: 77.158 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

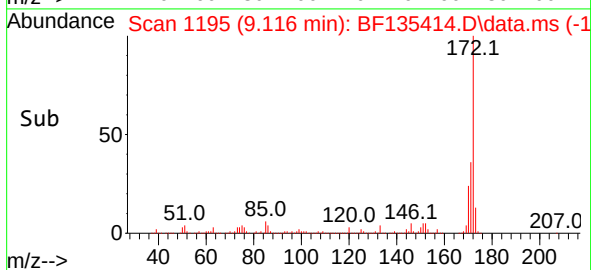
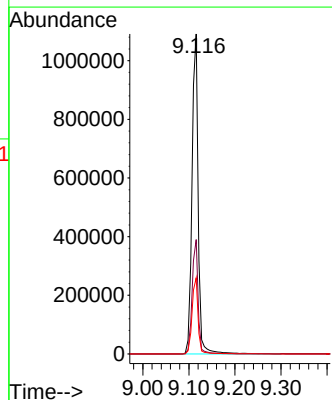
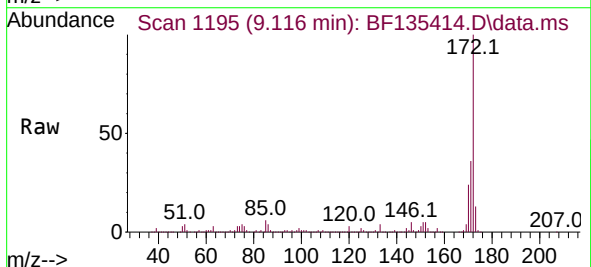
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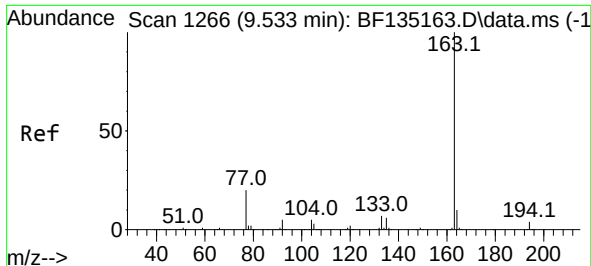
Tgt Ion:330 Resp: 171959
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 34.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 68.029 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

Tgt Ion:172 Resp: 1011232
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.8 19.0 28.4

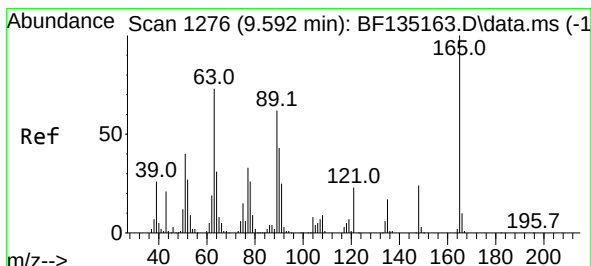
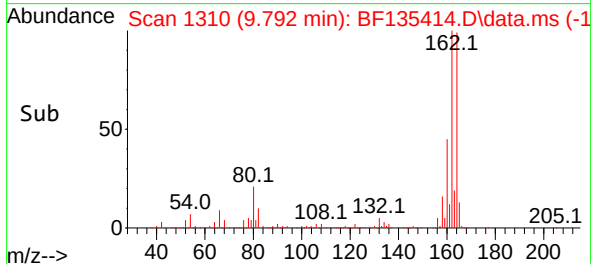
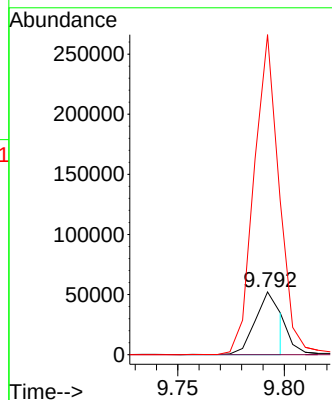
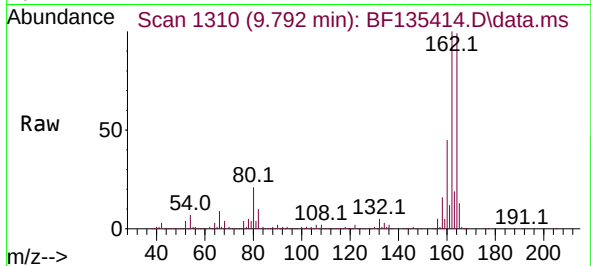




#50
Dimethylphthalate
Concen: 2.828 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

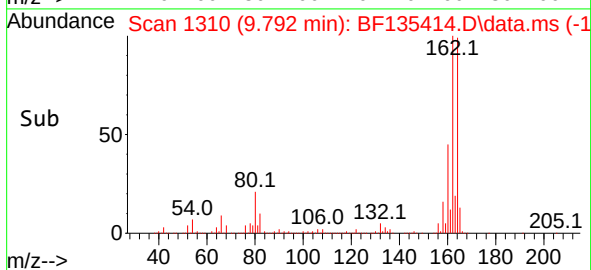
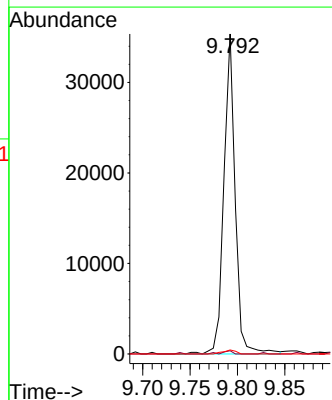
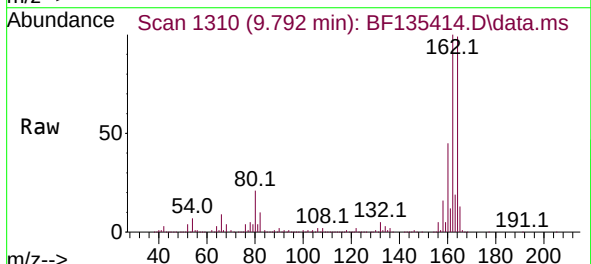
Instrument :
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B102-02

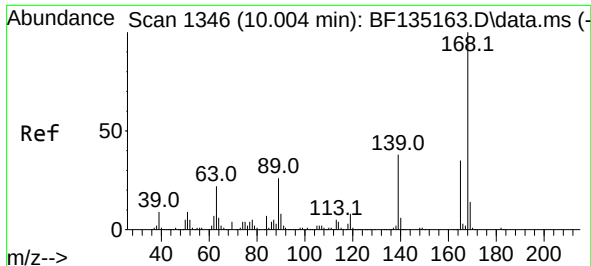
Tgt Ion:163 Resp: 42878
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 510.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.879 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

Tgt Ion:165 Resp: 29492
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.3 49.8 74.8#

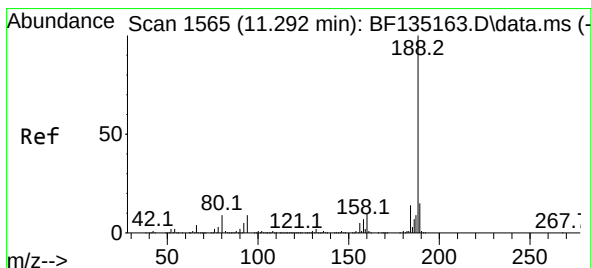
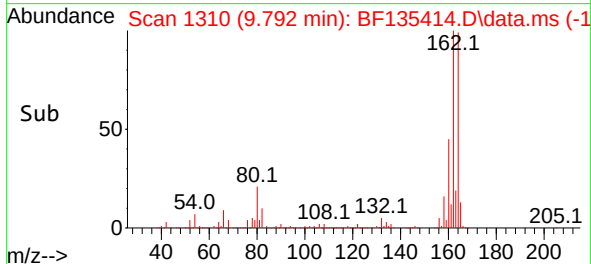
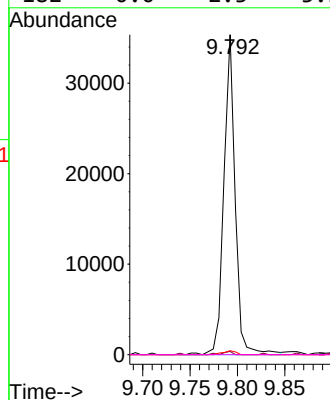
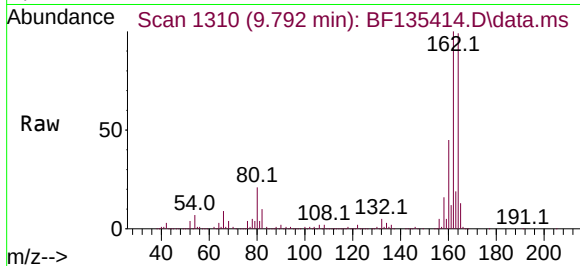




#57
2,4-Dinitrotoluene
Concen: 7.092 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

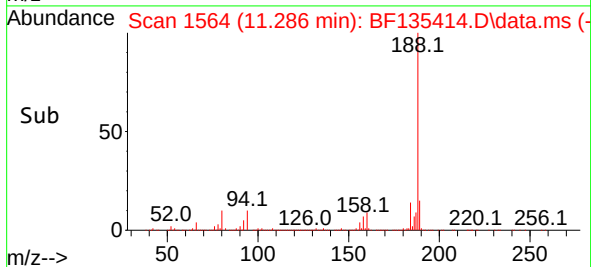
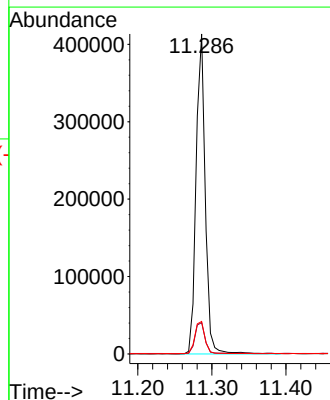
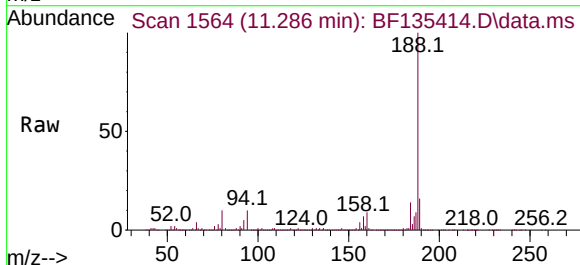
Instrument :
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B102-02

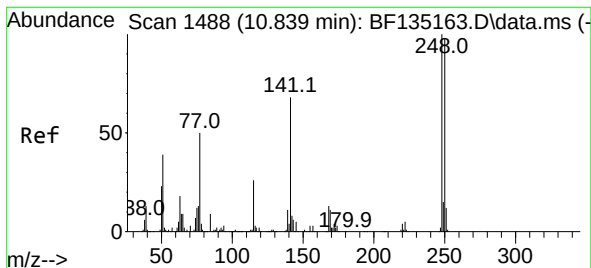
Tgt Ion:165 Resp: 29492
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

Tgt Ion:188 Resp: 355244
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.1 7.5 11.3

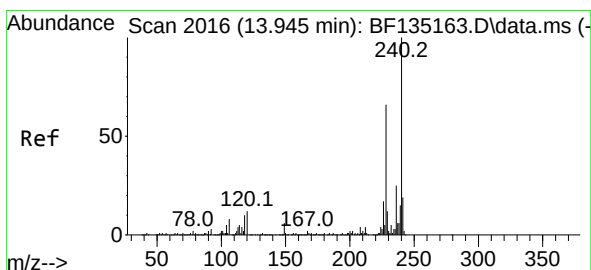
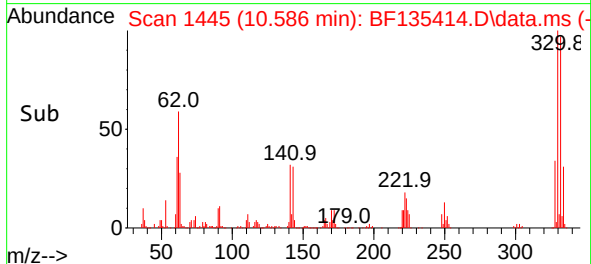
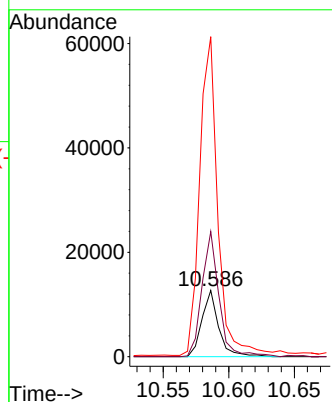
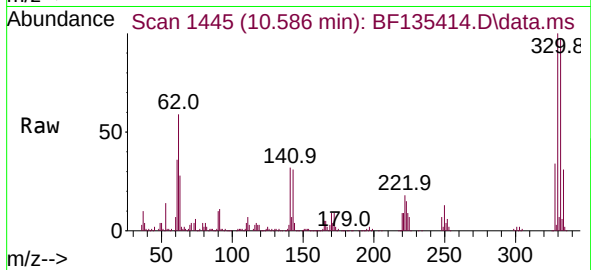




#67
4-Bromophenyl-phenylether
Concen: 3.216 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

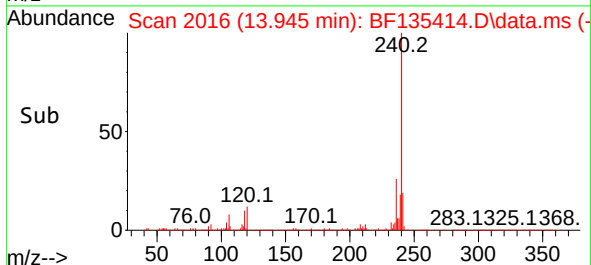
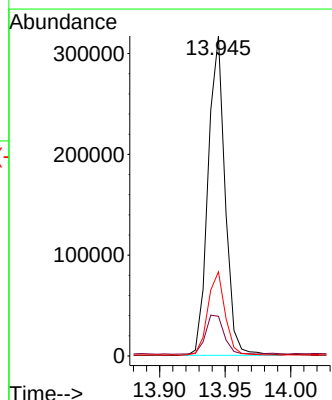
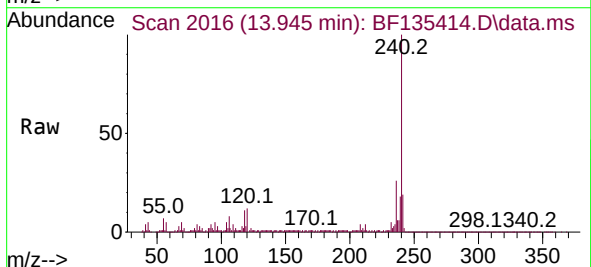
Instrument :
BNA_F
ClientSampleId :
B102-02

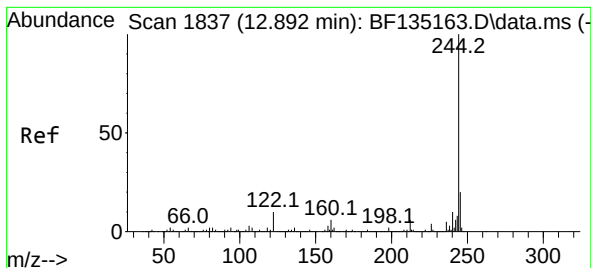
Tgt Ion:248 Resp: 11362
Ion Ratio Lower Upper
248 100
250 188.9 78.6 117.8#
141 483.2 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

Tgt Ion:240 Resp: 286244
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 26.3 19.8 29.8





#79

Terphenyl-d14

Concen: 46.116 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135414.D

Acq: 22 Sep 2023 22:53

Instrument :

BNA_F

ClientSampleId :

B102-02

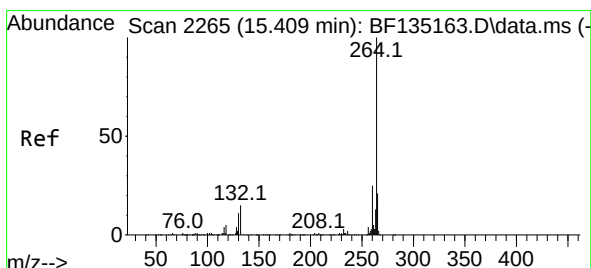
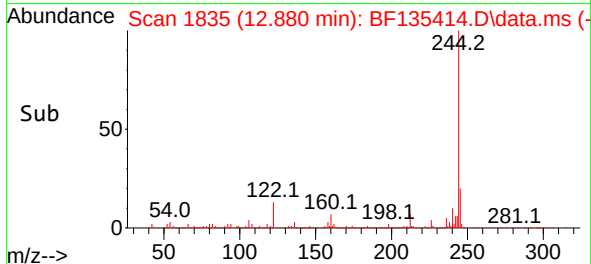
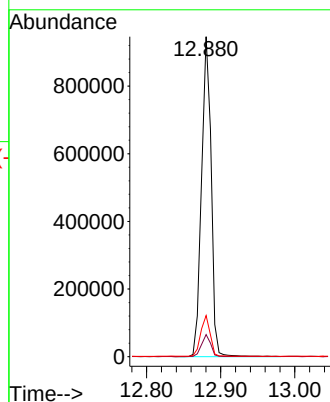
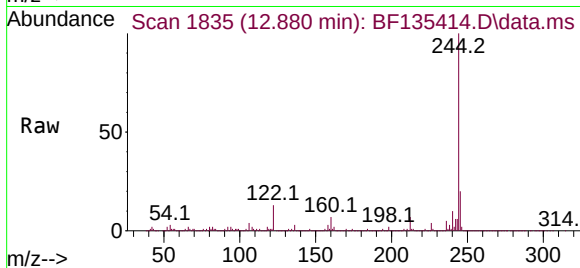
Tgt Ion:244 Resp: 851526

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 12.8 7.9 11.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF135414.D

Acq: 22 Sep 2023 22:53

Tgt Ion:264 Resp: 280035

Ion Ratio Lower Upper

264 100

260 23.2 19.8 29.6

265 22.0 17.0 25.4

