

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135397.D
 Acq On : 22 Sep 2023 13:08
 Operator : CG\JU
 Sample : 04474-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-2313-SOIL

Quant Time: Sep 22 13:49:13 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)

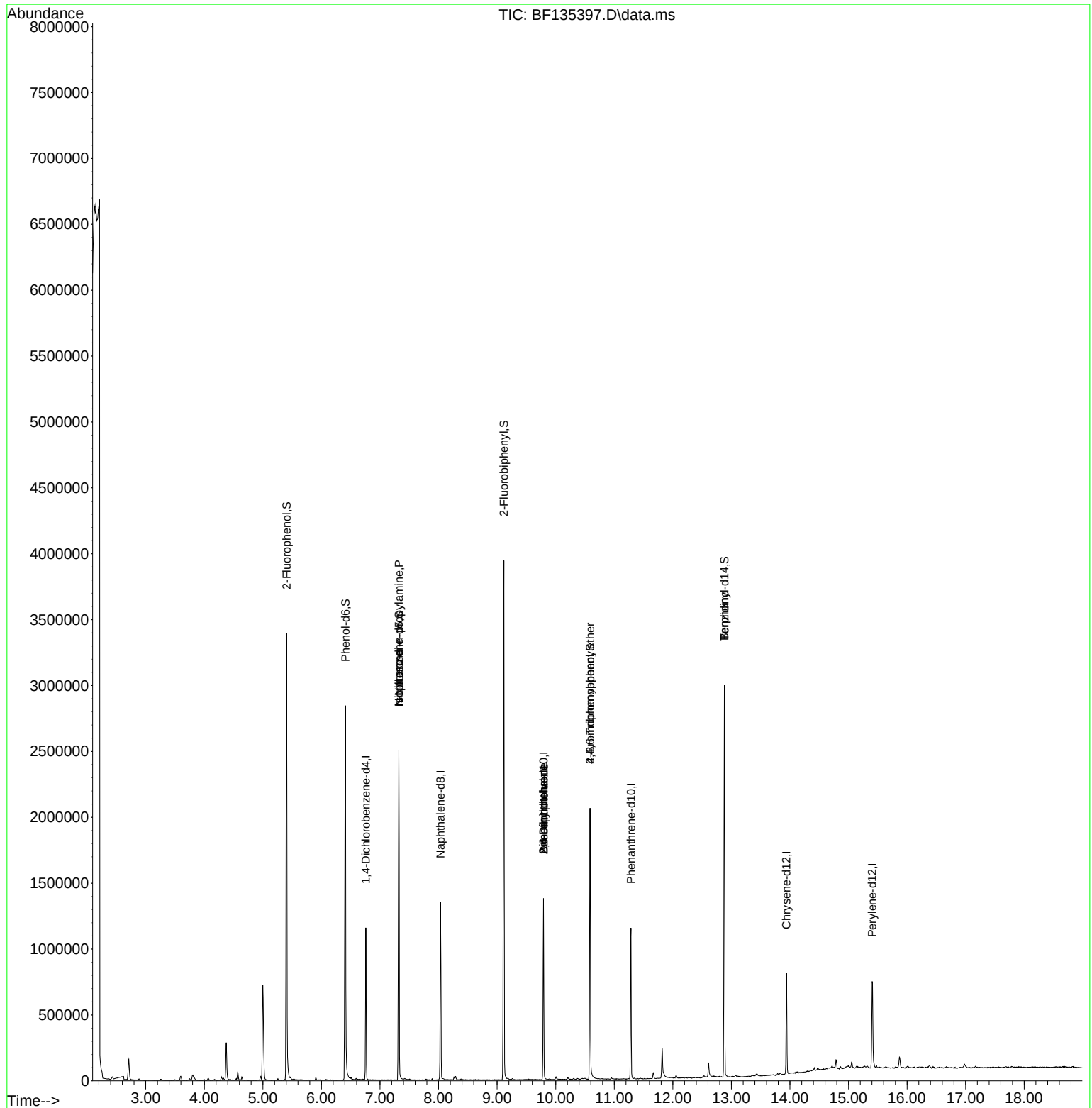
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	154912	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	566470	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	264262	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	433641	20.000	ng	0.00
76) Chrysene-d12	13.939	240	256505	20.000	ng	0.00
86) Perylene-d12	15.404	264	329030	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	957776	100.558	ng	0.02
7) Phenol-d6	6.410	99	1103956	91.153	ng	0.00
23) Nitrobenzene-d5	7.322	82	831922	79.789	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	249853	95.141	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1343655	76.712	ng	-0.01
79) Terphenyl-d14	12.880	244	1050831	63.507	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	110311	14.705	ng	# 83
25) Isophorone	7.322	82	831915	43.451	ng	# 65
50) Dimethylphthalate	9.792	163	50554	2.829	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	34934	8.925	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	34934	7.129	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	15604	3.618	ng	# 1
77) Benzidine	12.880	184	13063	2.486	ng	# 89

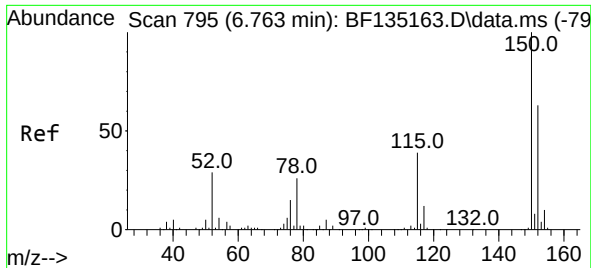
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 22 13:49:13 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

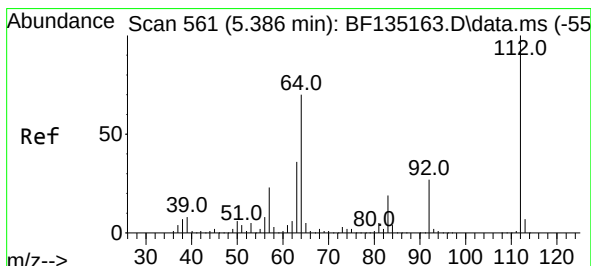
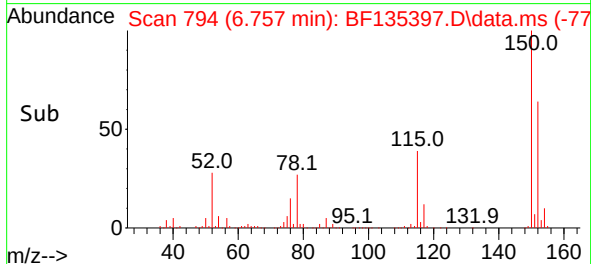
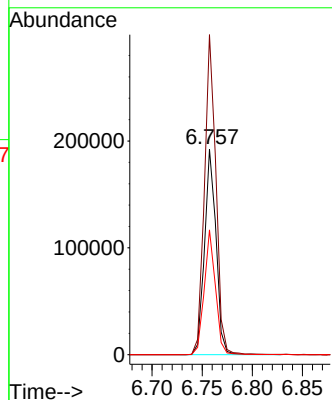
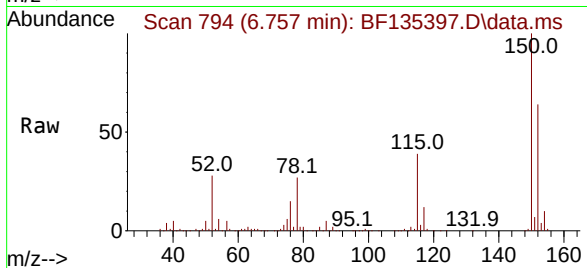




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135397.D
 Acq: 22 Sep 2023 13:08

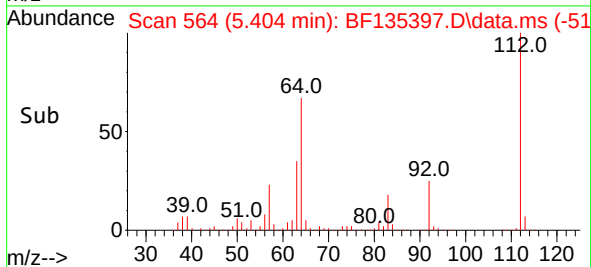
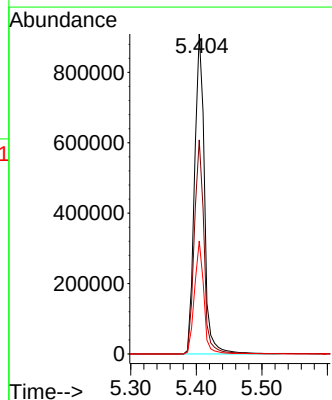
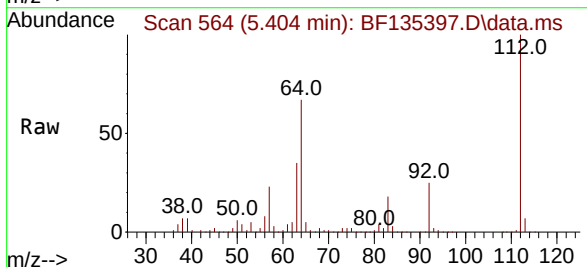
Instrument :
 BNA_F
 ClientSampleId :
 H-2313-SOIL

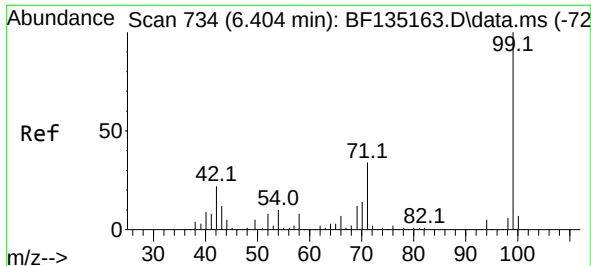
Tgt Ion:152 Resp: 154912
 Ion Ratio Lower Upper
 152 100
 150 155.7 127.8 191.6
 115 60.8 49.8 74.8



#5
 2-Fluorophenol
 Concen: 100.558 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.018 min
 Lab File: BF135397.D
 Acq: 22 Sep 2023 13:08

Tgt Ion:112 Resp: 957776
 Ion Ratio Lower Upper
 112 100
 64 66.9 55.9 83.9
 63 35.3 29.0 43.6





#7

Phenol-d6

Concen: 91.153 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135397.D

Acq: 22 Sep 2023 13:08

Instrument :

BNA_F

ClientSampleId :

H-2313-SOIL

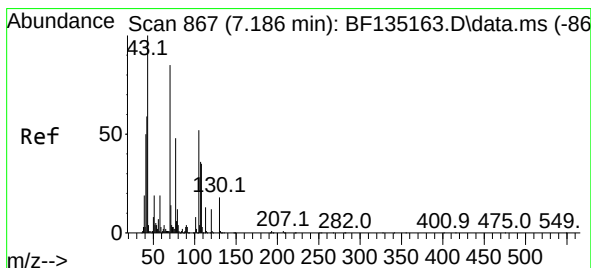
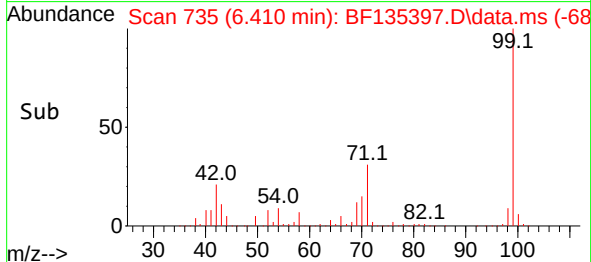
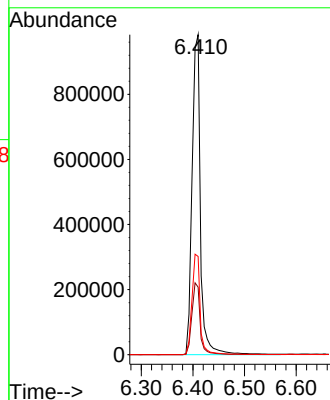
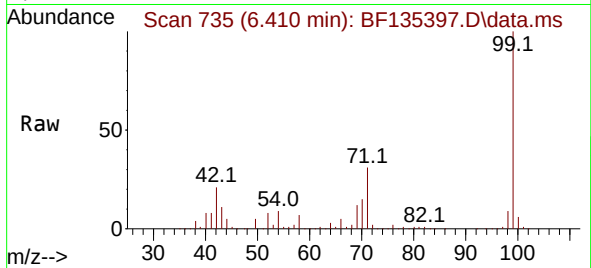
Tgt Ion: 99 Resp: 1103956

Ion Ratio Lower Upper

99 100

42 21.1 17.9 26.9

71 30.7 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 14.705 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.135 min

Lab File: BF135397.D

Acq: 22 Sep 2023 13:08

Tgt Ion: 70 Resp: 110311

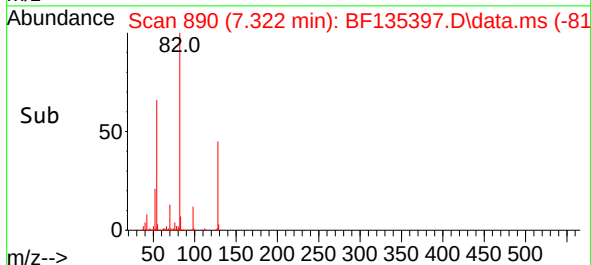
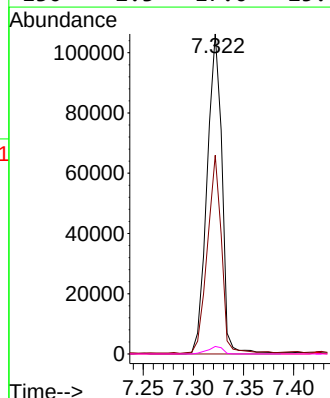
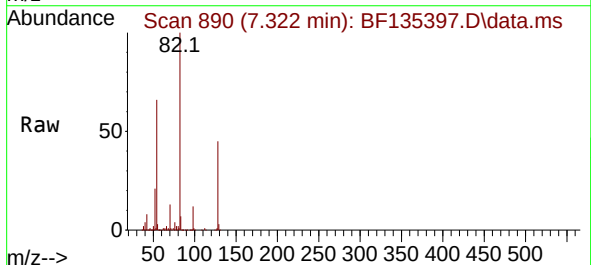
Ion Ratio Lower Upper

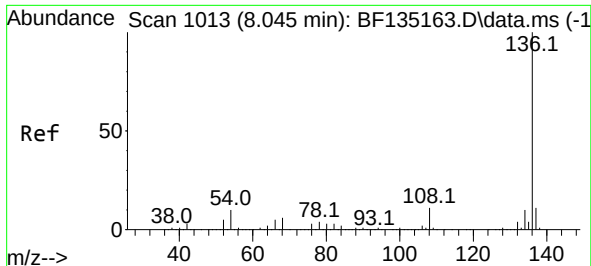
70 100

42 62.1 55.4 83.0

101 0.0 7.7 11.5#

130 2.3 17.0 25.6#

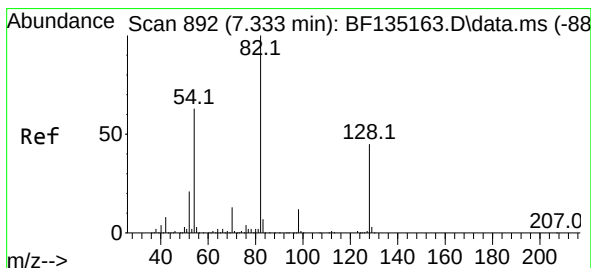
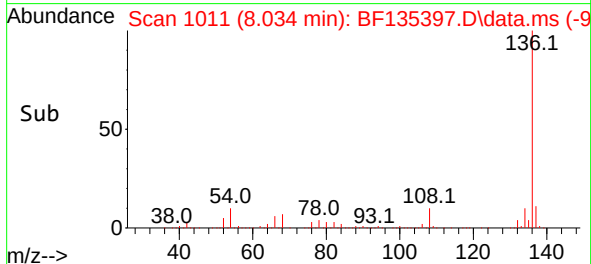
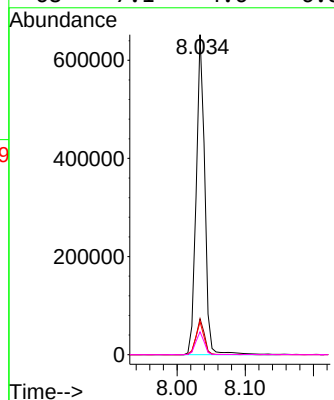
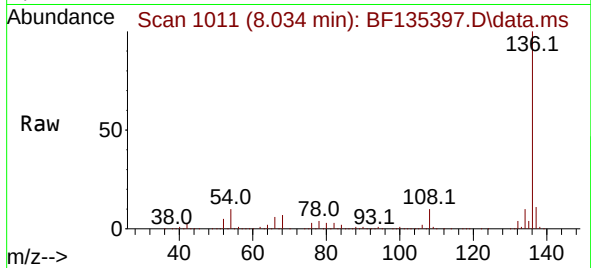




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135397.D
Acq: 22 Sep 2023 13:08

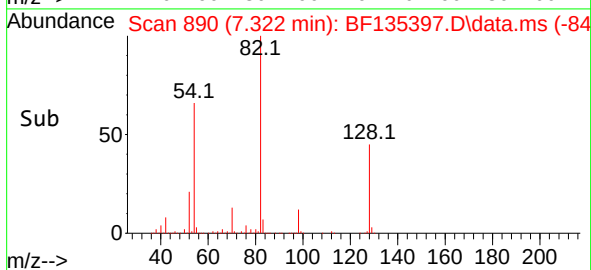
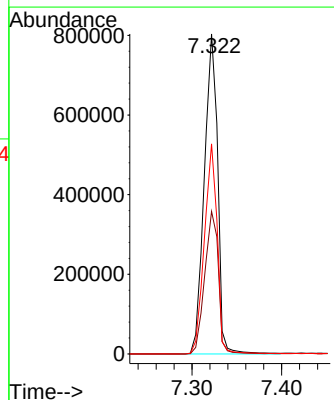
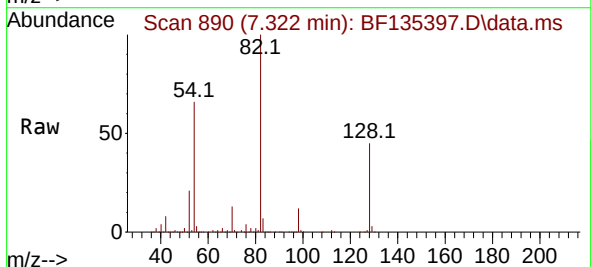
Instrument :
BNA_F
ClientSampleId :
H-2313-SOIL

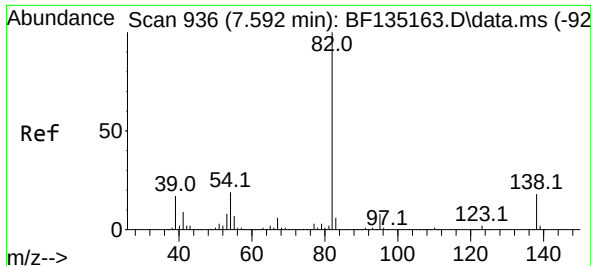
Tgt Ion:136 Resp: 566470
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.3 7.7 11.5
68 7.1 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 79.789 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135397.D
Acq: 22 Sep 2023 13:08

Tgt Ion: 82 Resp: 831922
Ion Ratio Lower Upper
82 100
128 44.6 35.8 53.6
54 65.7 50.6 76.0

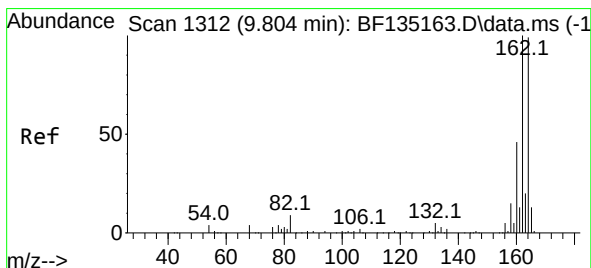
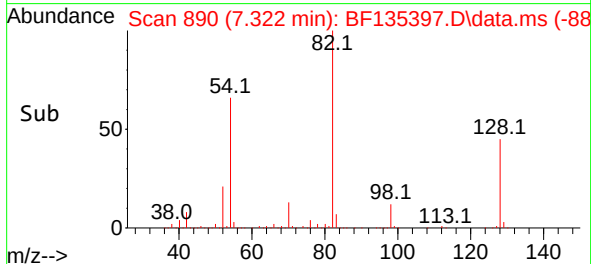
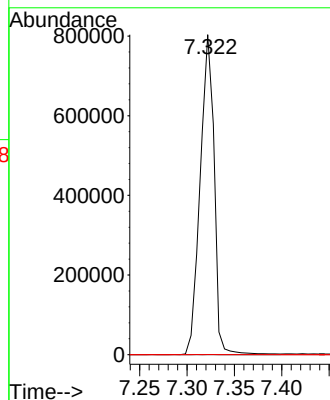
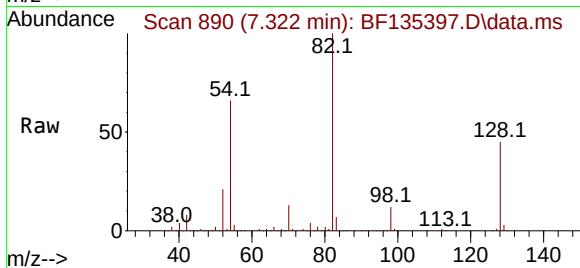




#25
Isophorone
Concen: 43.451 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135397.D
Acq: 22 Sep 2023 13:08

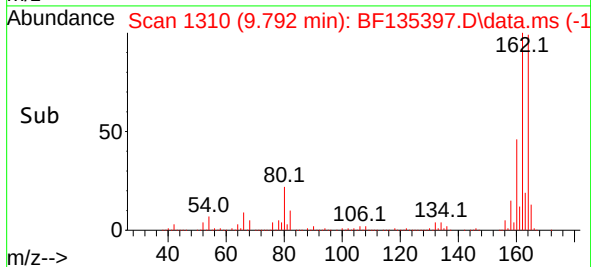
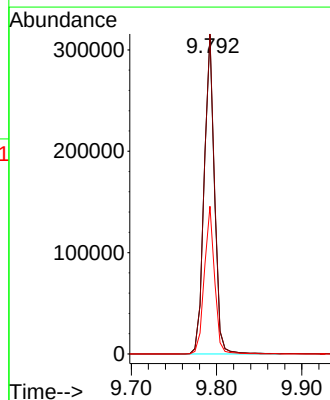
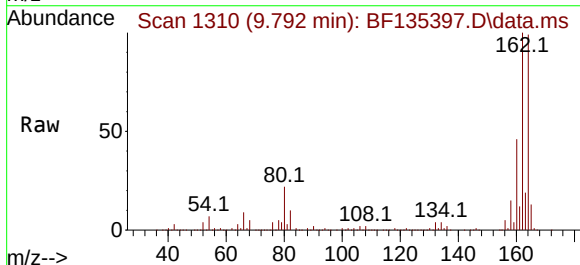
Instrument :
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ClientSampleId :
H-2313-SOIL

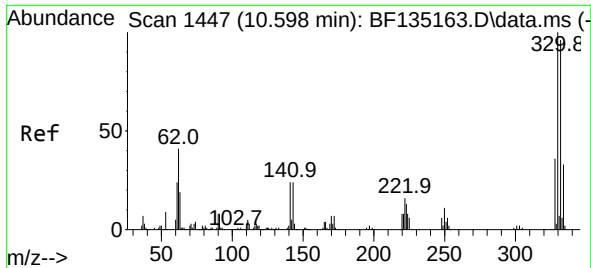
Tgt Ion: 82 Resp: 831915
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135397.D
Acq: 22 Sep 2023 13:08

Tgt Ion:164 Resp: 264262
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.4
160 46.4 37.0 55.4

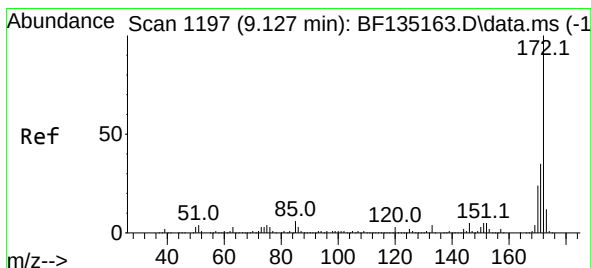
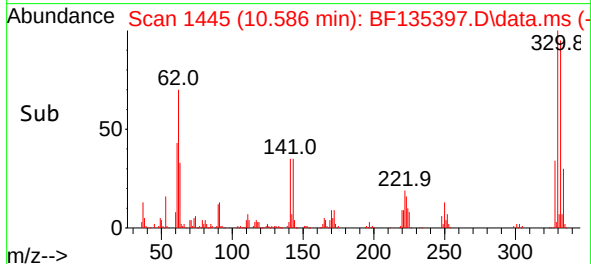
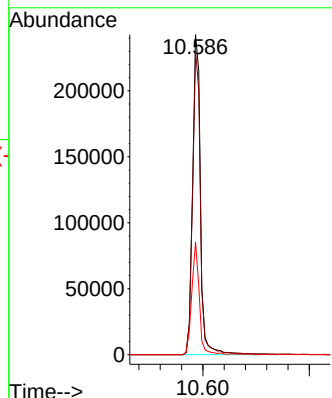
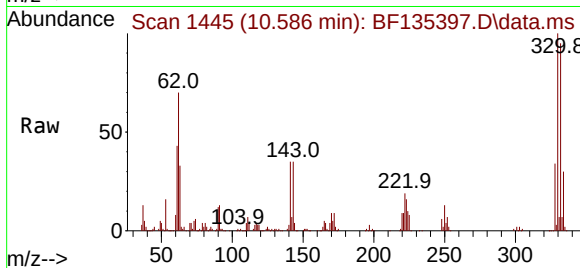




#42
2,4,6-Tribromophenol
Concen: 95.141 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135397.D
Acq: 22 Sep 2023 13:08

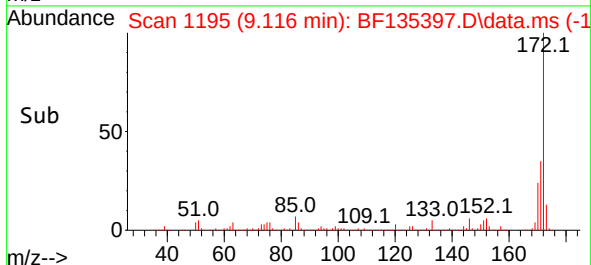
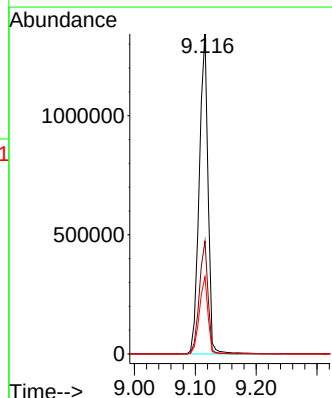
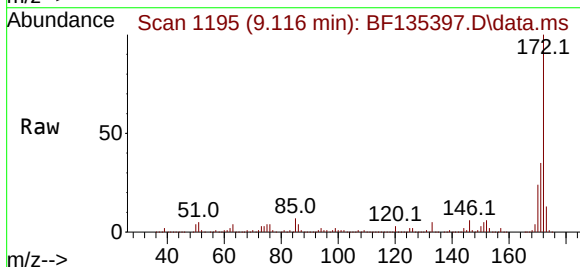
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ClientSampleId :
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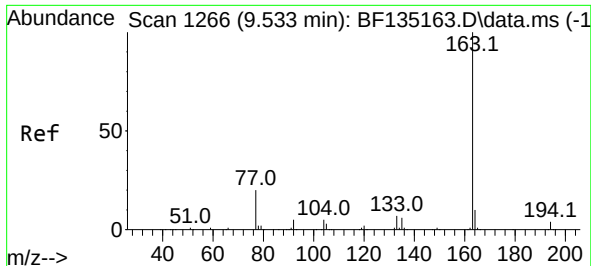
Tgt Ion:330 Resp: 249853
Ion Ratio Lower Upper
330 100
332 94.7 77.3 115.9
141 33.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 76.712 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135397.D
Acq: 22 Sep 2023 13:08

Tgt Ion:172 Resp: 1343655
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 24.1 19.0 28.4

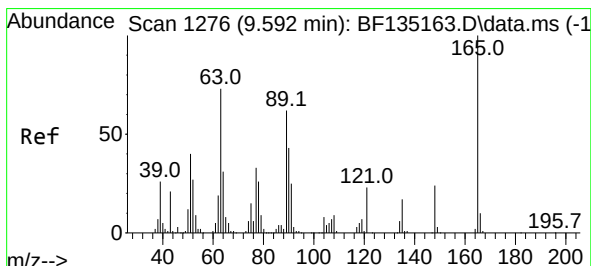
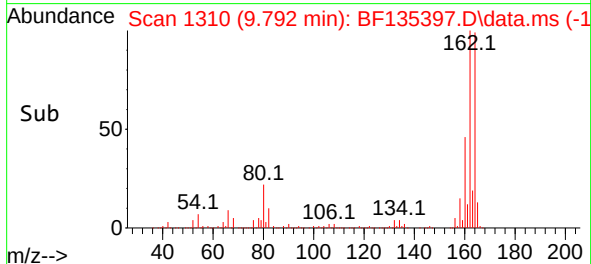
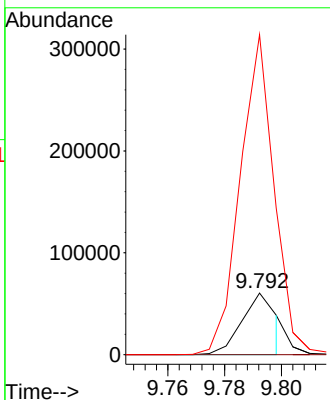
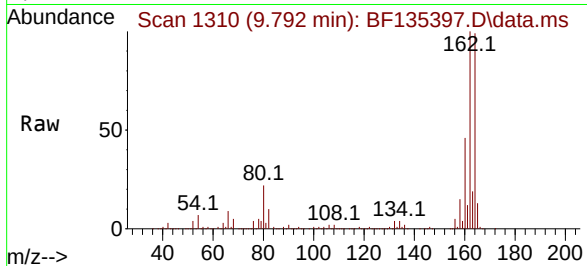




#50
Dimethylphthalate
Concen: 2.829 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135397.D
Acq: 22 Sep 2023 13:08

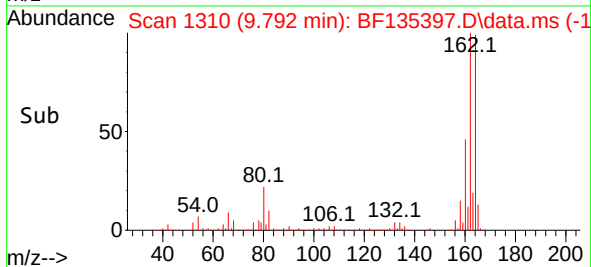
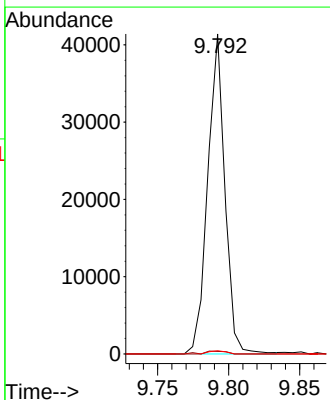
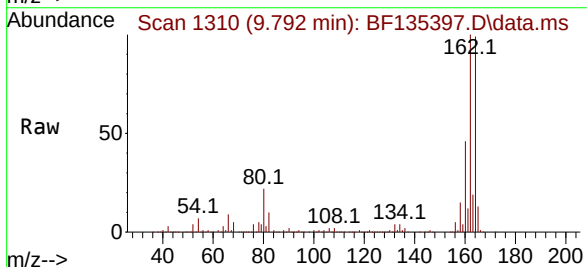
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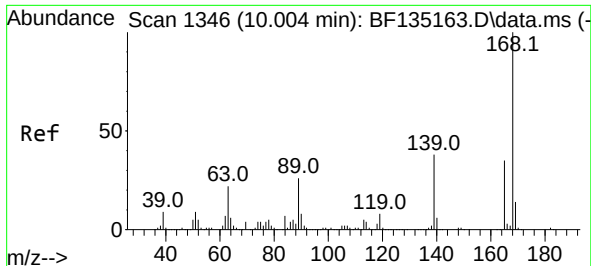
Tgt Ion:163 Resp: 50554
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 519.2 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.925 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135397.D
Acq: 22 Sep 2023 13:08

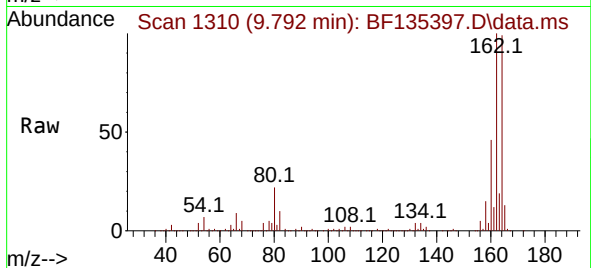
Tgt Ion:165 Resp: 34934
Ion Ratio Lower Upper
165 100
63 0.8 59.4 89.2#
89 1.0 49.8 74.8#



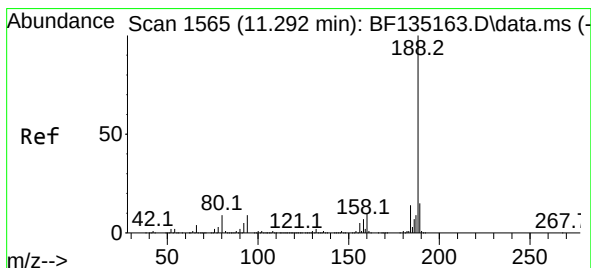
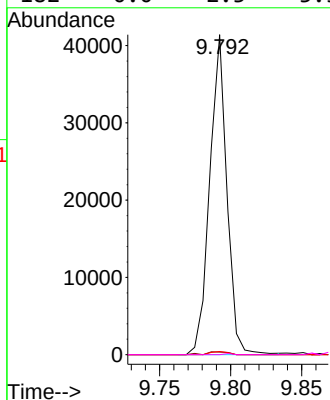
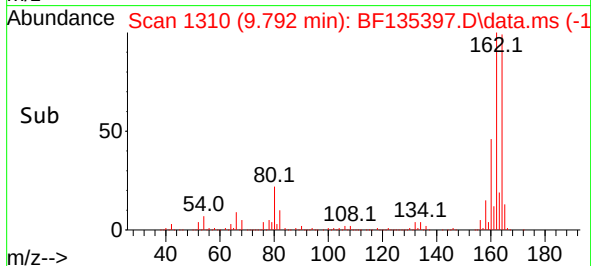


#57
2,4-Dinitrotoluene
Concen: 7.129 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135397.D
Acq: 22 Sep 2023 13:08

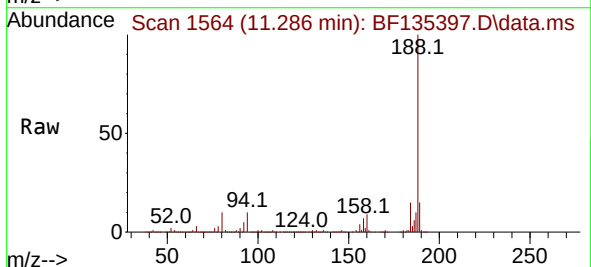
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BNA_F
ClientSampleId :
H-2313-SOIL



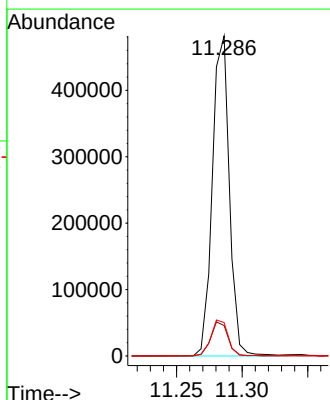
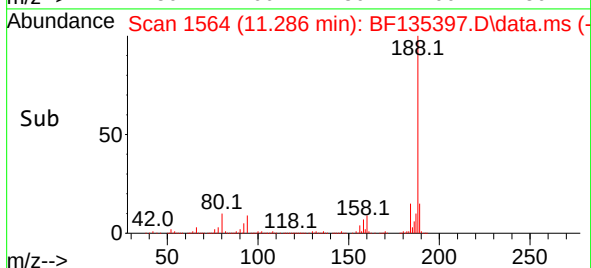
Tgt Ion:165 Resp: 34934
Ion Ratio Lower Upper
165 100
63 0.8 50.1 75.1#
89 1.0 59.3 88.9#
182 0.0 2.3 3.5#

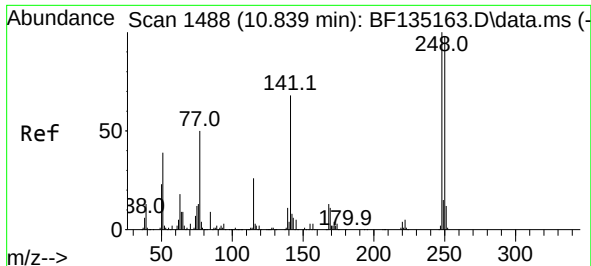


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135397.D
Acq: 22 Sep 2023 13:08



Tgt Ion:188 Resp: 433641
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.4 7.5 11.3

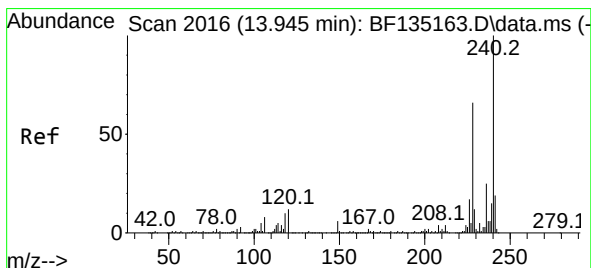
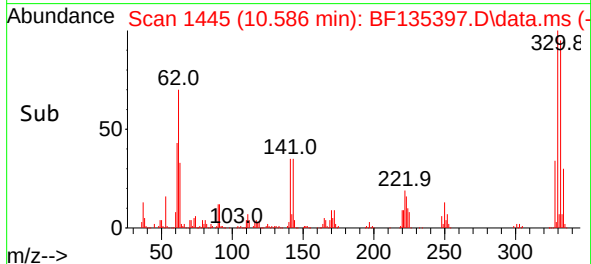
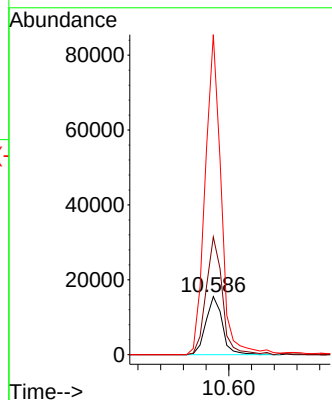
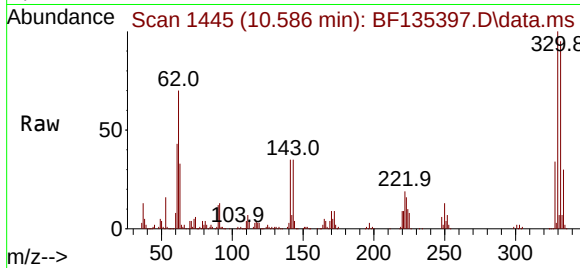




#67
4-Bromophenyl-phenylether
Concen: 3.618 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135397.D
Acq: 22 Sep 2023 13:08

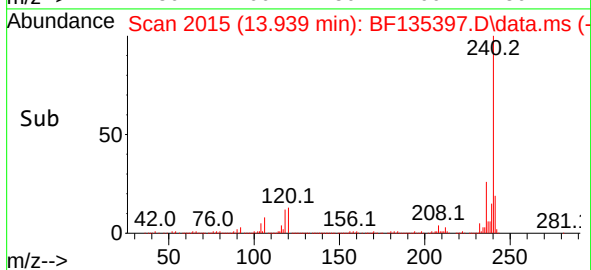
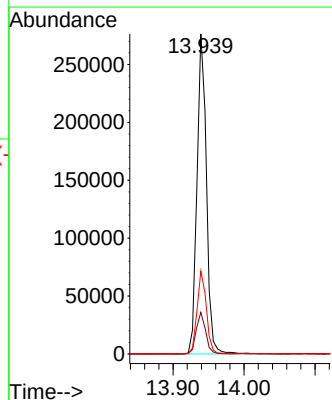
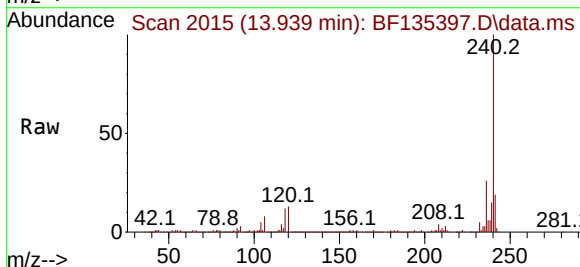
Instrument :
BNA_F
ClientSampleId :
H-2313-SOIL

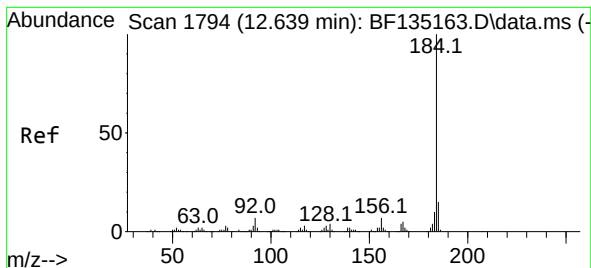
Tgt Ion:248 Resp: 15604
Ion Ratio Lower Upper
248 100
250 202.5 78.6 117.8#
141 550.2 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135397.D
Acq: 22 Sep 2023 13:08

Tgt Ion:240 Resp: 256505
Ion Ratio Lower Upper
240 100
120 13.0 9.4 14.2
236 25.9 19.8 29.8





#77

Benzidine

Concen: 2.486 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.241 min

Lab File: BF135397.D

Acq: 22 Sep 2023 13:08

Instrument :

BNA_F

ClientSampleId :

H-2313-SOIL

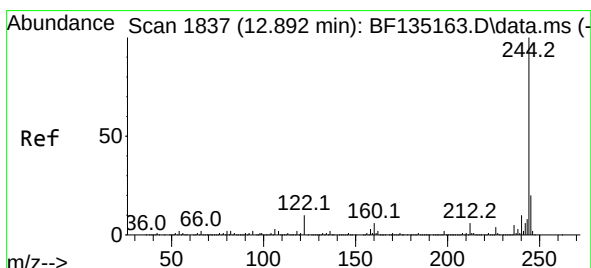
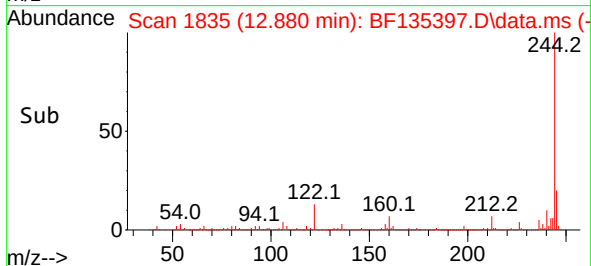
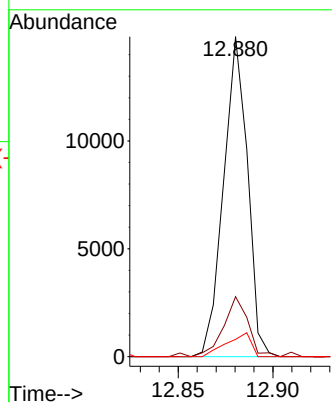
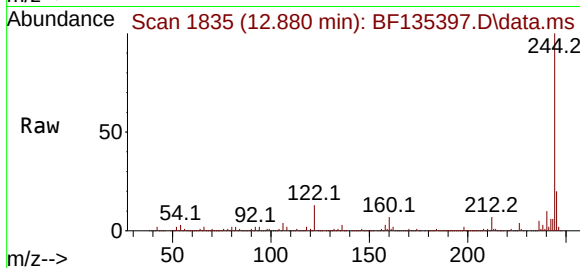
Tgt Ion:184 Resp: 13063

Ion Ratio Lower Upper

184 100

185 18.7 11.7 17.5#

183 5.4 8.2 12.4#



#79

Terphenyl-d14

Concen: 63.507 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135397.D

Acq: 22 Sep 2023 13:08

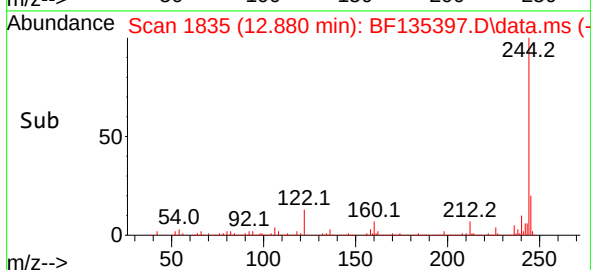
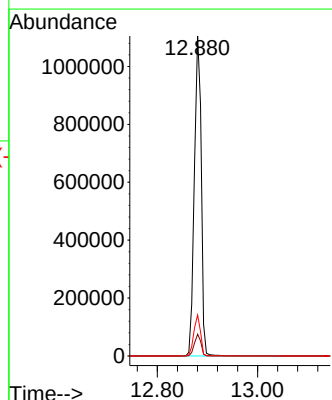
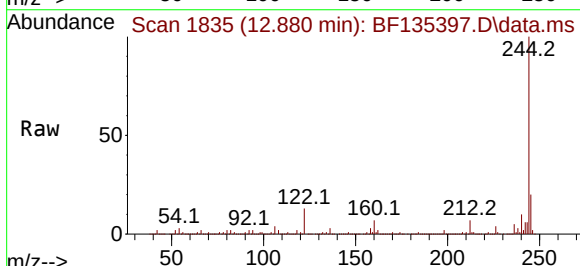
Tgt Ion:244 Resp: 1050831

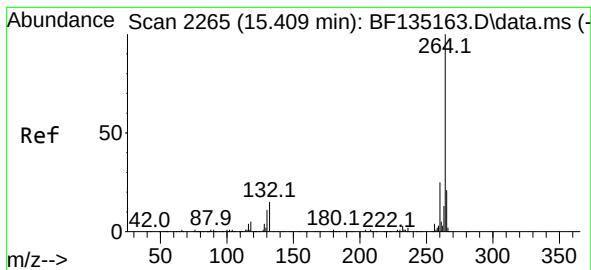
Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

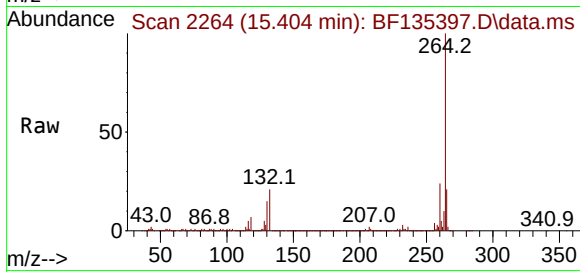
122 12.8 7.9 11.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135397.D
 Acq: 22 Sep 2023 13:08

Instrument :
 BNA_F
 ClientSampleId :
 H-2313-SOIL



Tgt Ion:264 Resp: 329030
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 21.4 17.0 25.4

