

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

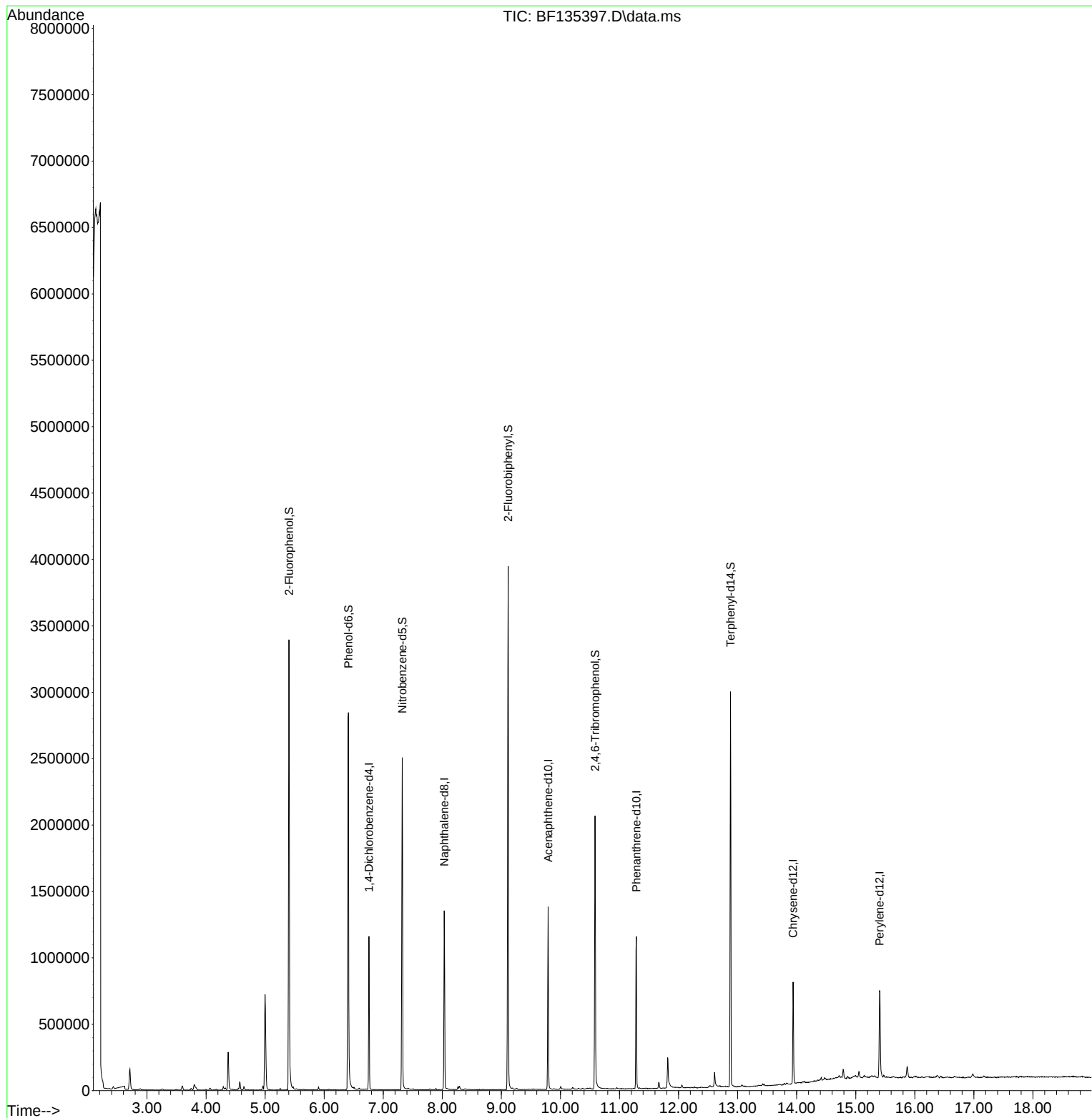
Target Compounds	Qvalue

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

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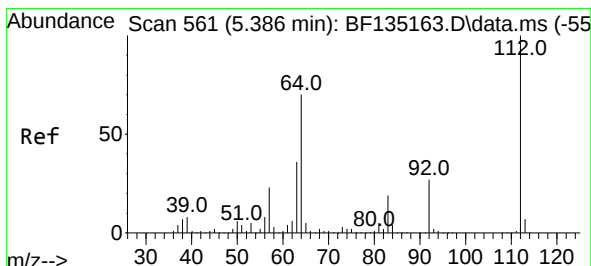
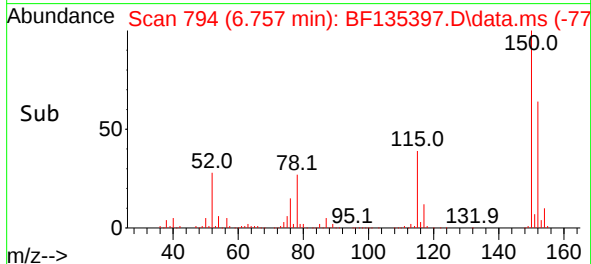
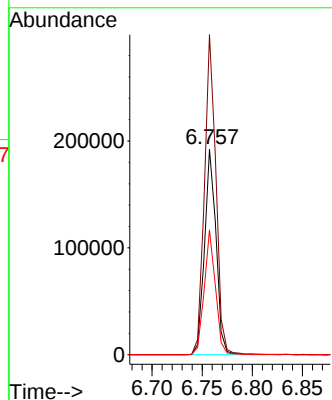
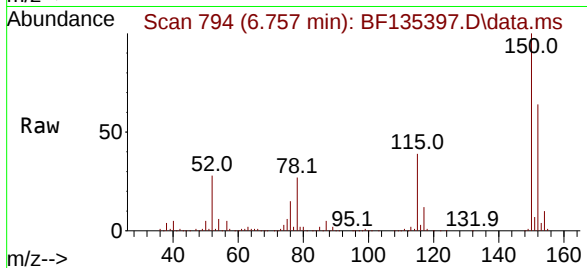




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135397.D
 Acq: 22 Sep 2023 13:08

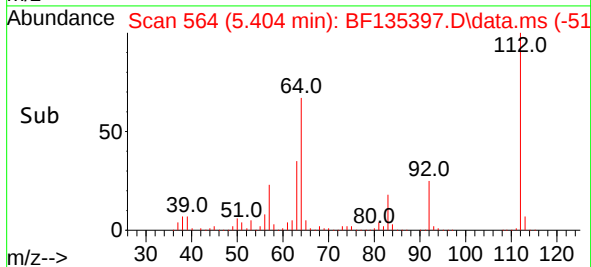
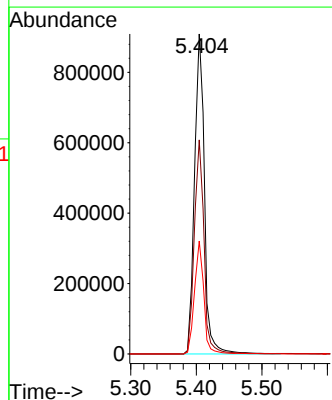
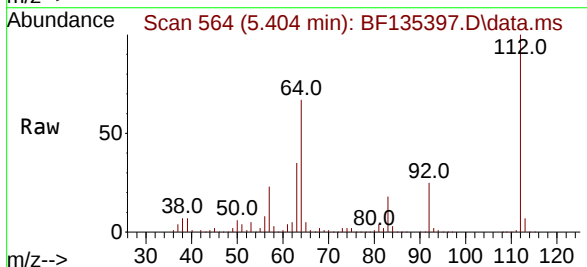
Instrument :
 BNA_F
 ClientSampleId :
 H-2313-SOIL

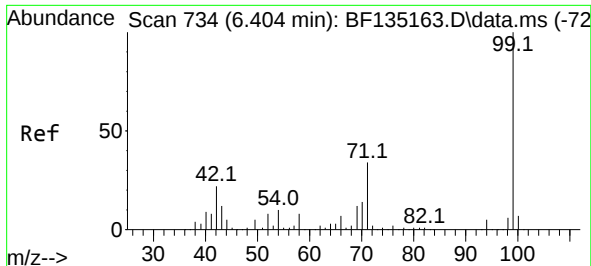
Tgt Ion:152 Resp: 154912
 Ion Ratio Lower Upper
 152 100
 150 155.7 127.8 191.6
 115 60.8 49.8 74.8



#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 :

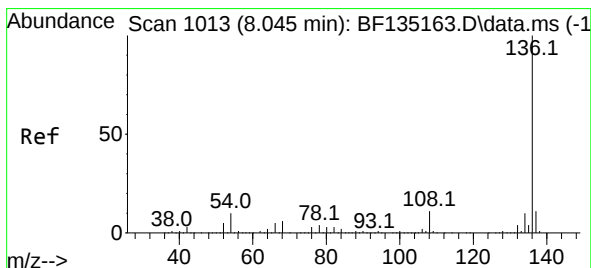
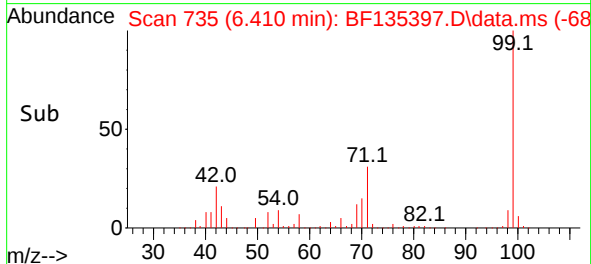
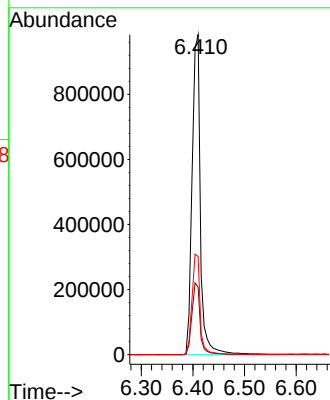
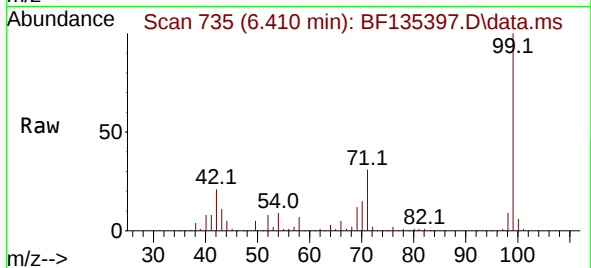
BNA_F

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1011

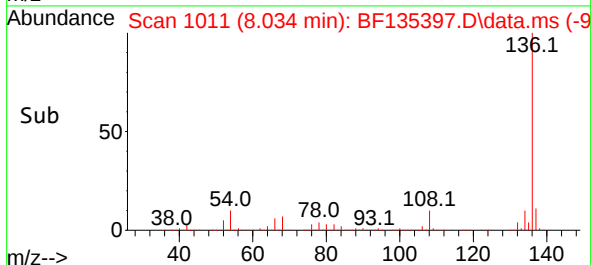
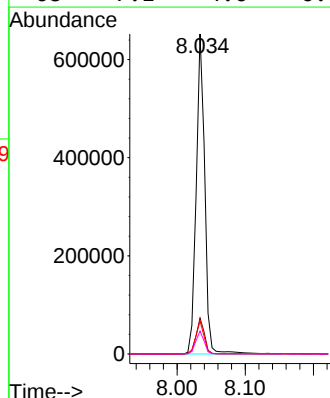
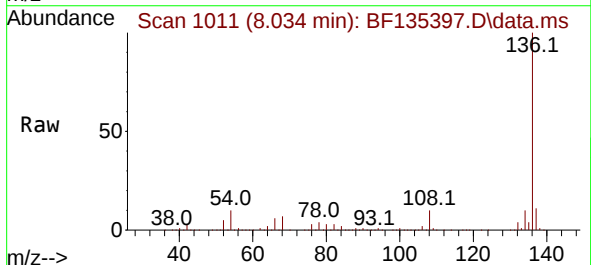
Delta R.T. -0.012 min

Lab File: BF135397.D

Acq: 22 Sep 2023 13:08

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# 89

Delta R.T. -0.012 min

Lab File: BF135397.D

Acq: 22 Sep 2023 13:08

Instrument :

BNA_F

ClientSampleId :

H-2313-SOIL

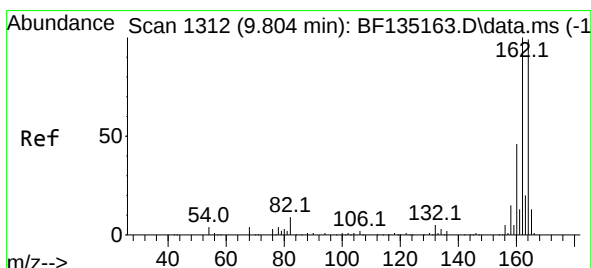
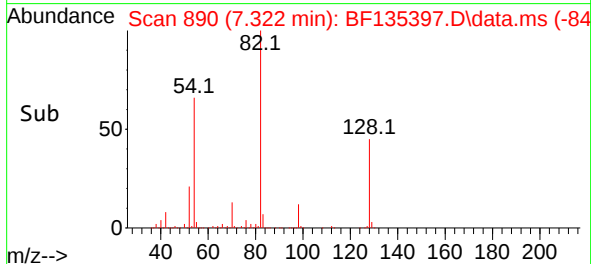
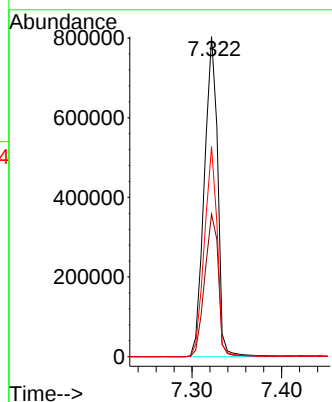
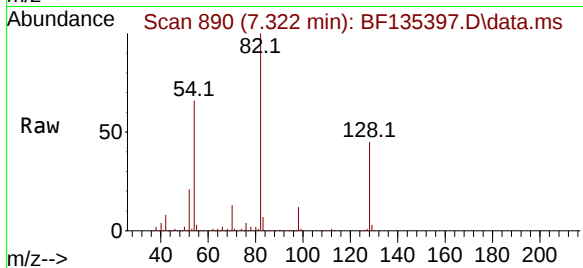
Tgt Ion: 82 Resp: 831922

Ion Ratio Lower Upper

82 100

128 44.6 35.8 53.6

54 65.7 50.6 76.0



#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

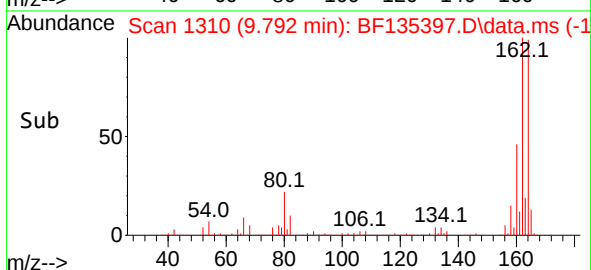
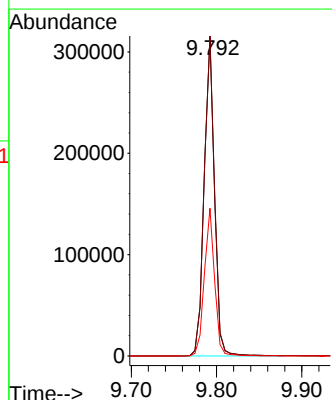
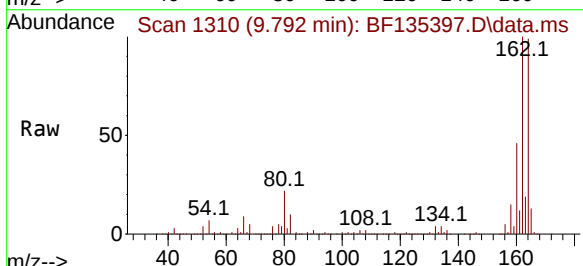
Tgt Ion: 164 Resp: 264262

Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.4

160 46.4 37.0 55.4

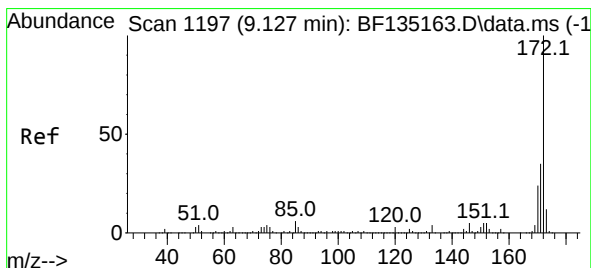
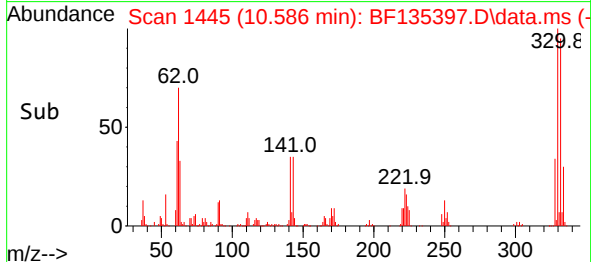
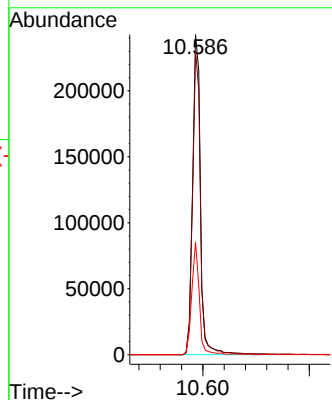
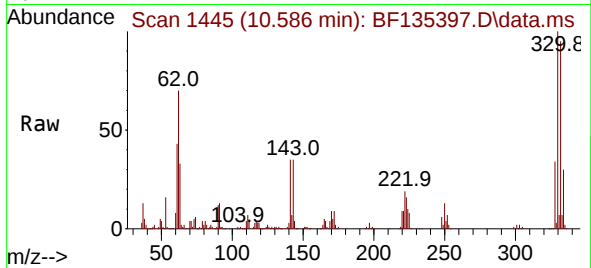




#42
2,4,6-Tribromophenol
Concen: 95.141 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135397.D
Acq: 22 Sep 2023 13:08

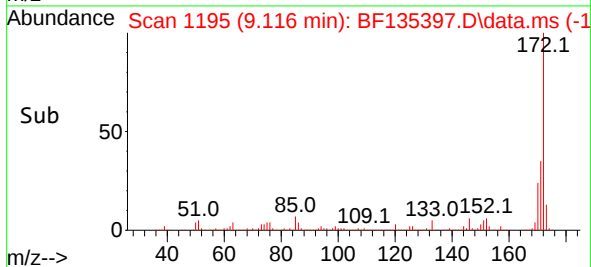
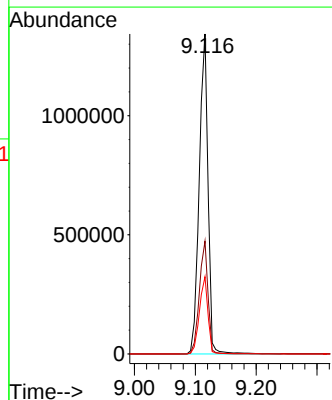
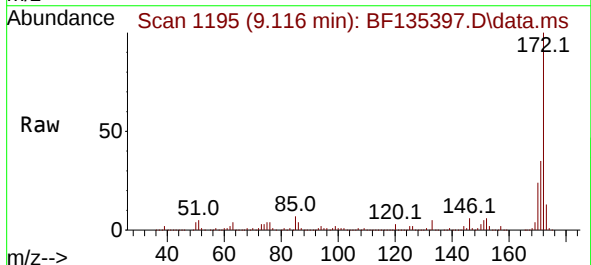
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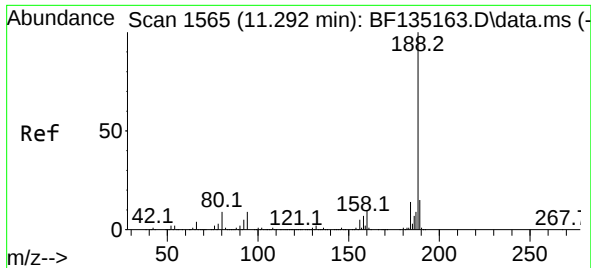
Tgt Ion:330 Resp: 249853
Ion Ratio Lower Upper
330 100
332 94.7 77.3 115.9
141 33.3 25.8 38.8



#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

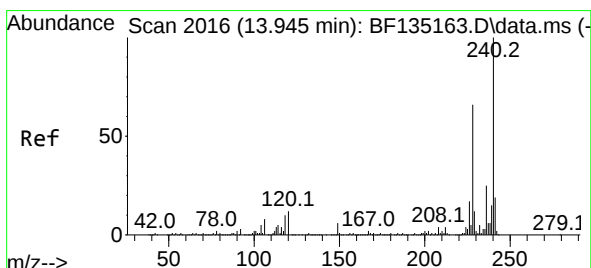
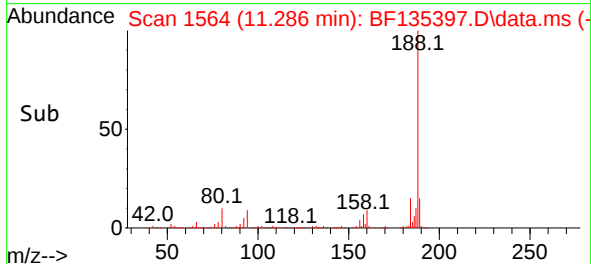
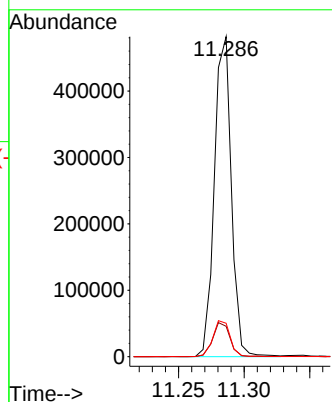
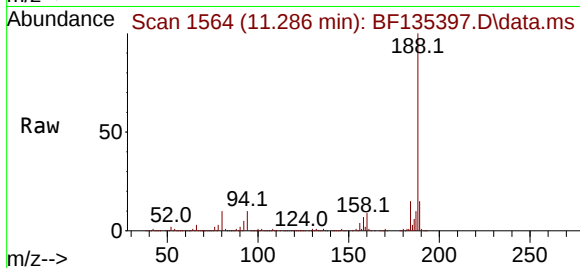




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135397.D
Acq: 22 Sep 2023 13:08

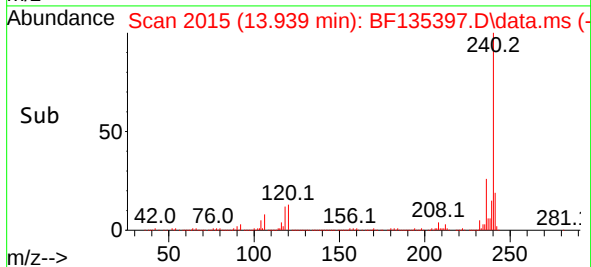
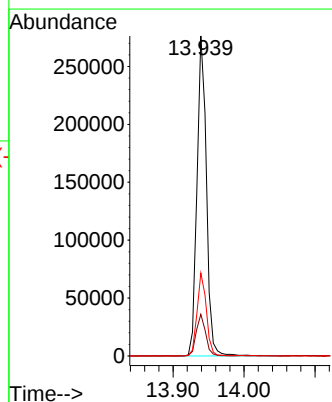
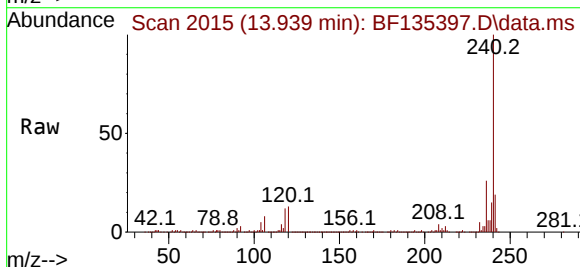
Instrument :
BNA_F
ClientSampleId :
H-2313-SOIL

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



#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

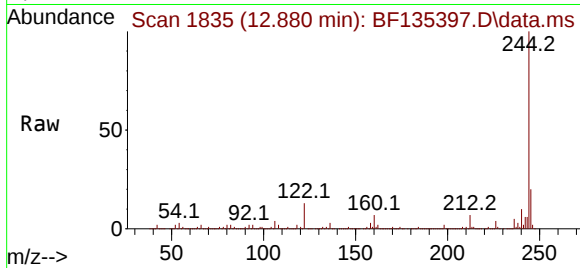
Tgt Ion:240 Resp: 256505
Ion Ratio Lower Upper
240 100
120 13.0 9.4 14.2
236 25.9 19.8 29.8



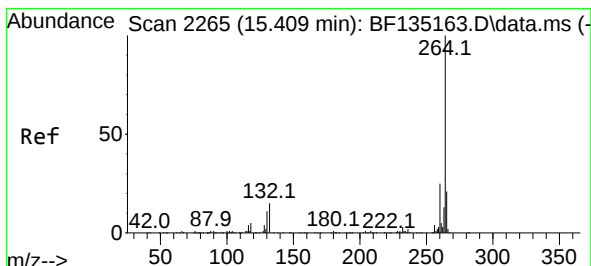
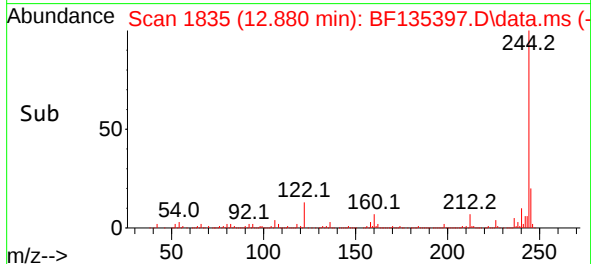
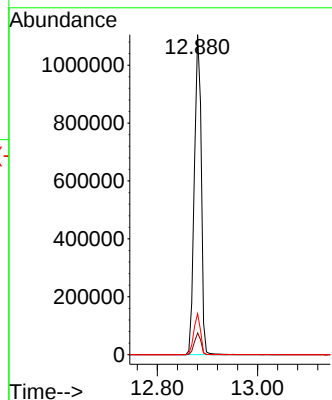


#79
 Terphenyl-d14
 Concen: 63.507 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135397.D
 Acq: 22 Sep 2023 13:08

Instrument :
 BNA_F
 ClientSampleId :
 H-2313-SOIL



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# 2264
 Delta R.T. -0.006 min
 Lab File: BF135397.D
 Acq: 22 Sep 2023 13:08

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

