

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
 Data File : BF130273.D
 Acq On : 15 Sep 2022 16:10
 Operator : CG\JU
 Sample : N4600-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OH-SOIL-0913

Quant Time: Sep 16 03:29:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

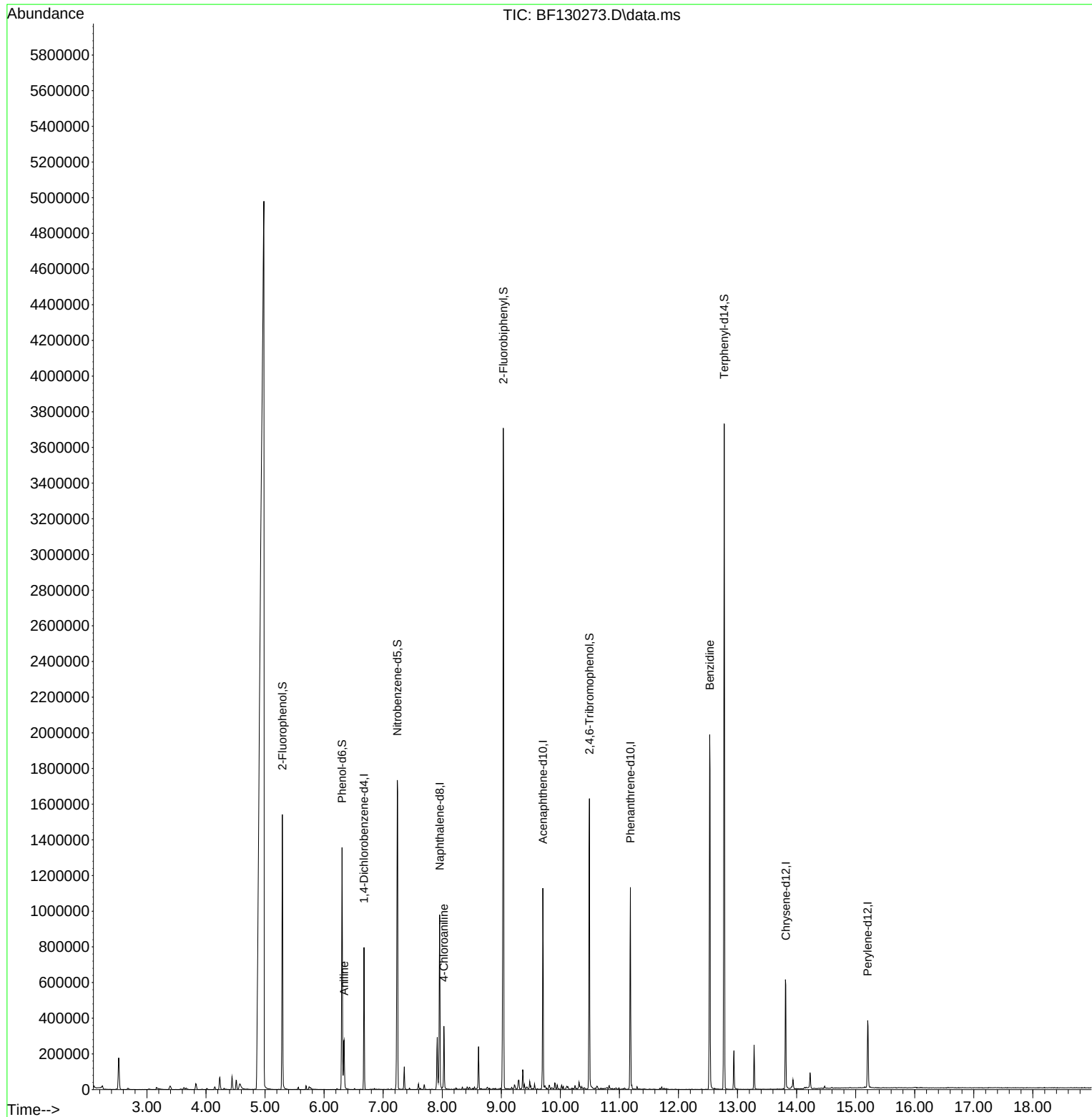
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	99294	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	395831	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	211809	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	359960	20.000	ng	0.00
76) Chrysene-d12	13.816	240	203424	20.000	ng	0.00
86) Perylene-d12	15.204	264	162301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	388500	67.863	ng	0.02
7) Phenol-d6	6.304	99	446281	62.304	ng	-0.01
23) Nitrobenzene-d5	7.240	82	654033	84.414	ng	-0.01
42) 2,4,6-Tribromophenol	10.492	330	172174	84.834	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	1196818	82.281	ng	0.00
79) Terphenyl-d14	12.775	244	1203004	97.961	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	6.340	93	92226	10.450	ng	97
33) 4-Chloroaniline	8.028	127	91202	11.759	ng	98
77) Benizidine	12.528	184	749013	126.839	ng	99

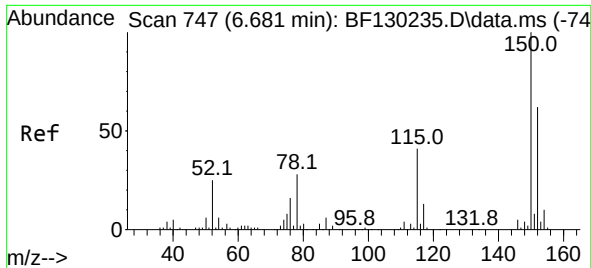
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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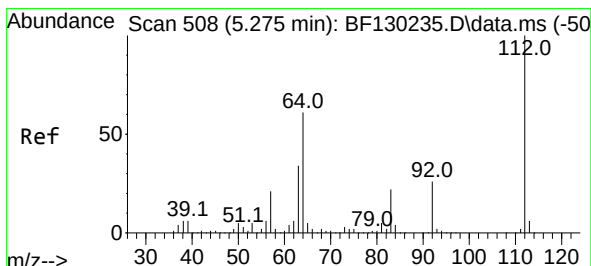
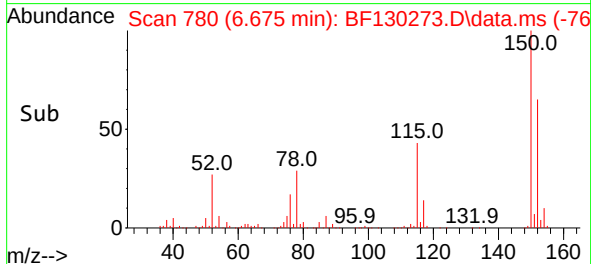
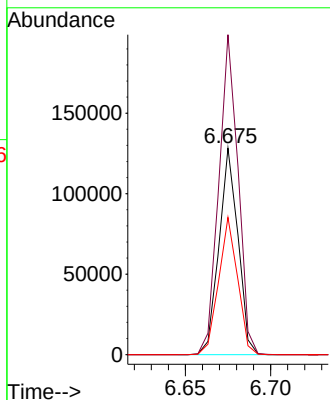
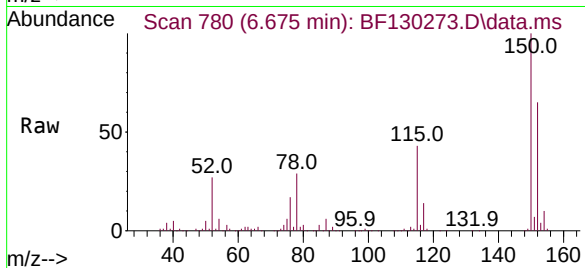




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF130273.D
Acq: 15 Sep 2022 16:10

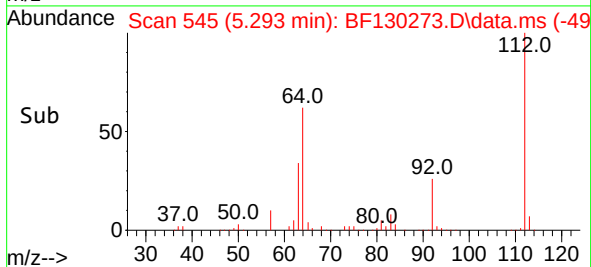
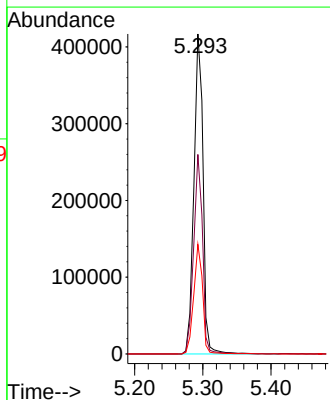
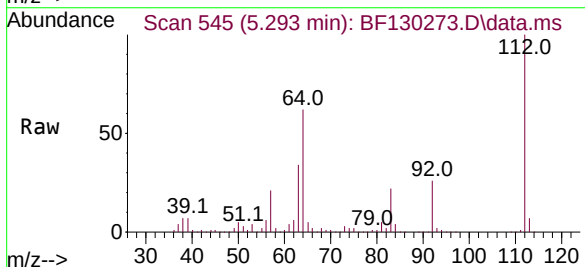
Instrument :
BNA_F
ClientSampleId :
OH-SOIL-0913

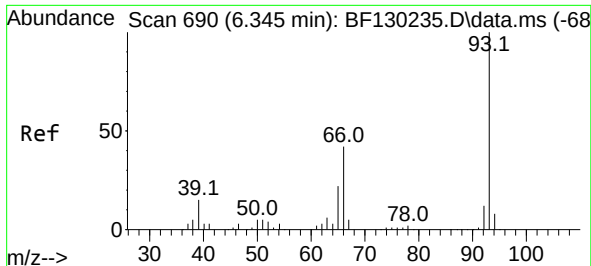
Tgt Ion:152 Resp: 99294
Ion Ratio Lower Upper
152 100
150 154.9 122.8 184.2
115 66.4 53.8 80.8



#5
2-Fluorophenol
Concen: 67.863 ng
RT: 5.293 min Scan# 545
Delta R.T. 0.018 min
Lab File: BF130273.D
Acq: 15 Sep 2022 16:10

Tgt Ion:112 Resp: 388500
Ion Ratio Lower Upper
112 100
64 62.3 51.4 77.0
63 34.2 28.8 43.2

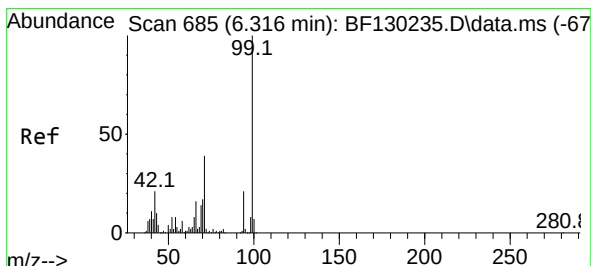
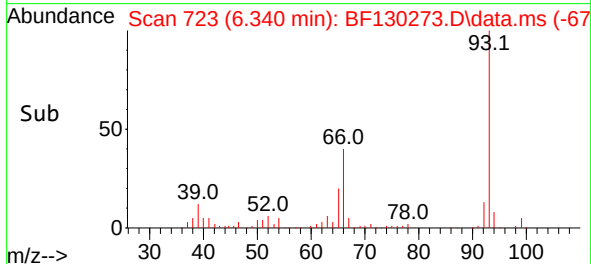
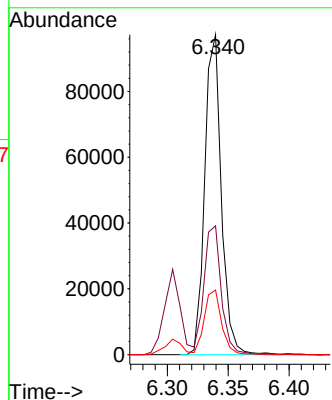
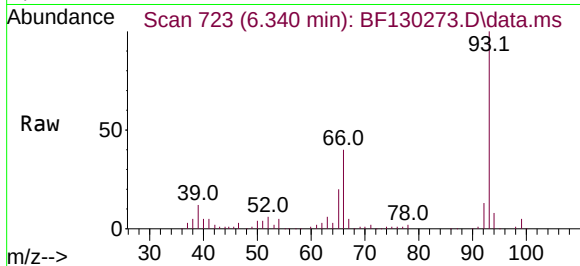




#6
Aniline
Concen: 10.450 ng
RT: 6.340 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF130273.D
Acq: 15 Sep 2022 16:10

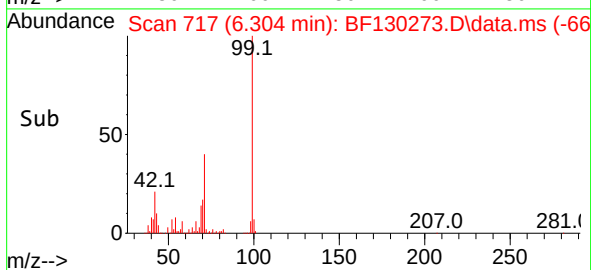
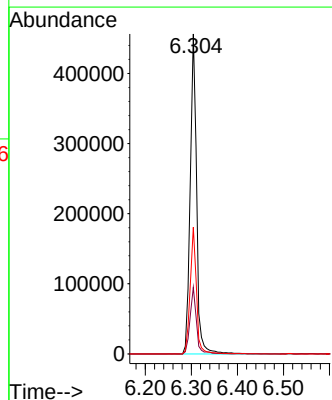
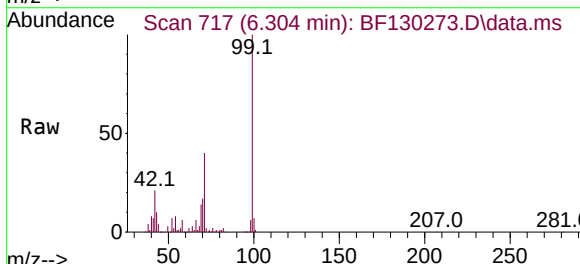
Instrument :
BNA_F
ClientSampleId :
OH-SOIL-0913

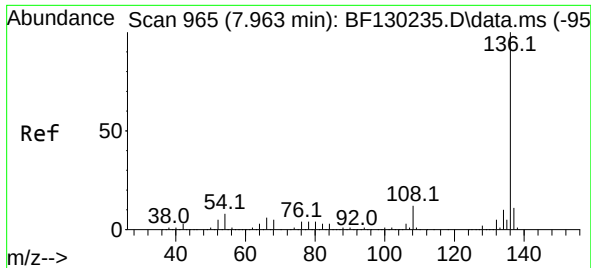
Tgt Ion: 93 Resp: 92226
Ion Ratio Lower Upper
93 100
66 40.2 34.2 51.4
65 20.2 16.6 24.8



#7
Phenol-d6
Concen: 62.304 ng
RT: 6.304 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF130273.D
Acq: 15 Sep 2022 16:10

Tgt Ion: 99 Resp: 446281
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 39.6 32.3 48.5



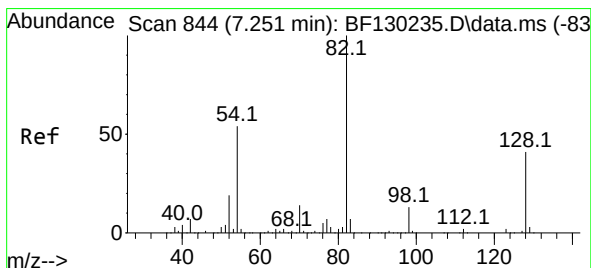
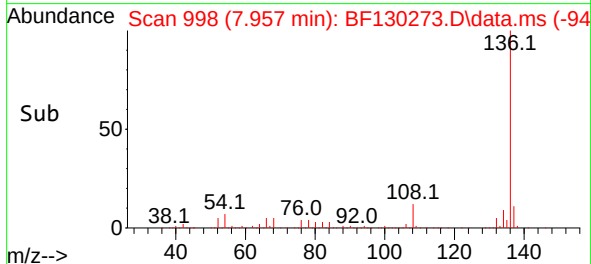
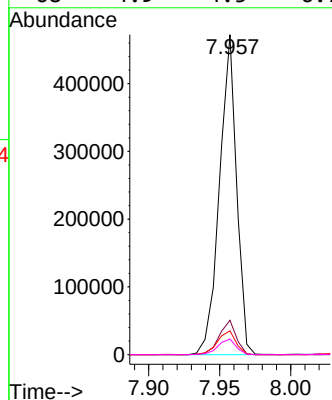
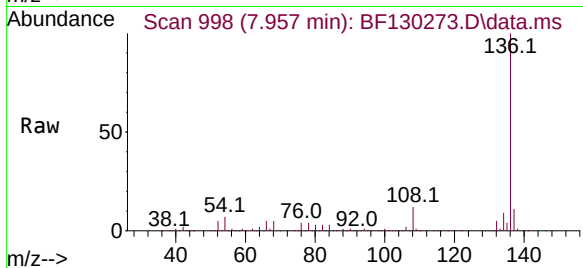


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF130273.D
Acq: 15 Sep 2022 16:10

Instrument :
BNA_F
ClientSampleId :
OH-SOIL-0913

Tgt Ion:136 Resp: 395831

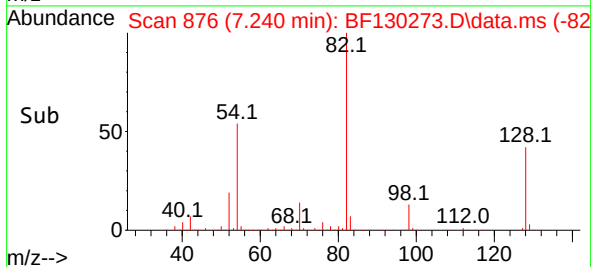
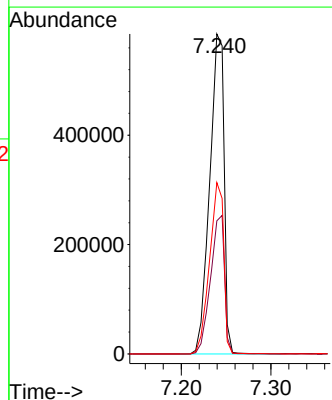
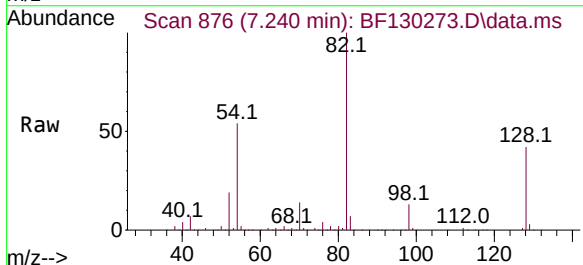
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	7.4	7.1	10.7
68	4.9	4.5	6.7

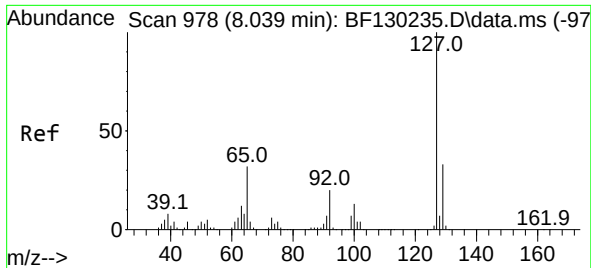


#23
Nitrobenzene-d5
Concen: 84.414 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF130273.D
Acq: 15 Sep 2022 16:10

Tgt Ion: 82 Resp: 654033

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.6	49.0
54	53.5	43.8	65.6

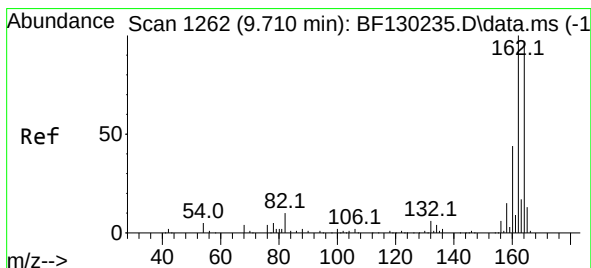
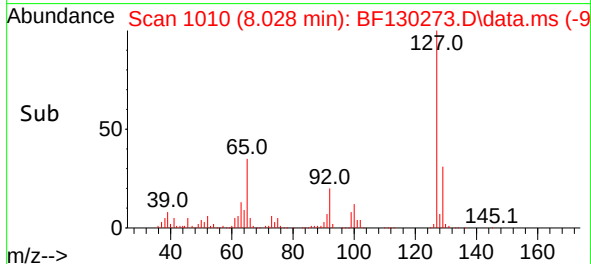
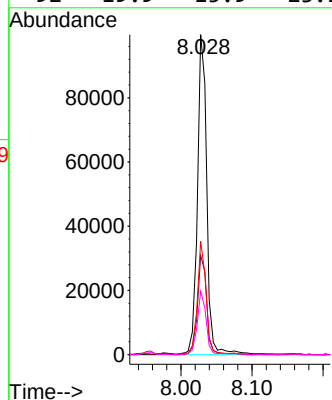
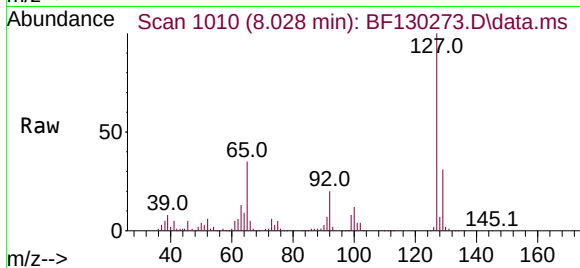




#33
4-Chloroaniline
Concen: 11.759 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF130273.D
Acq: 15 Sep 2022 16:10

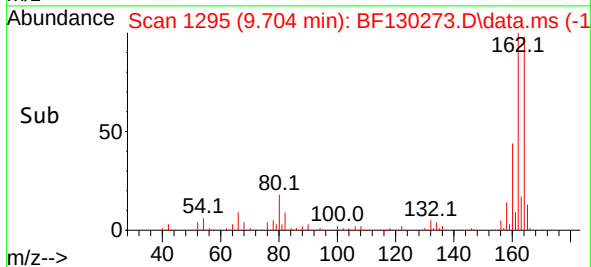
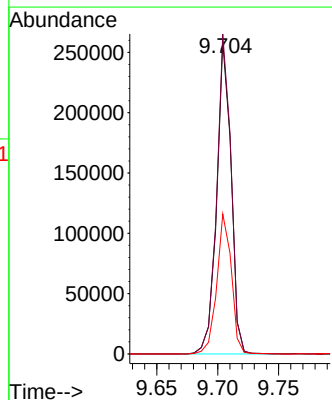
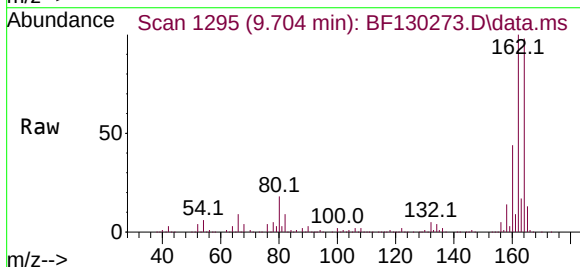
Instrument :
BNA_F
ClientSampleId :
OH-SOIL-0913

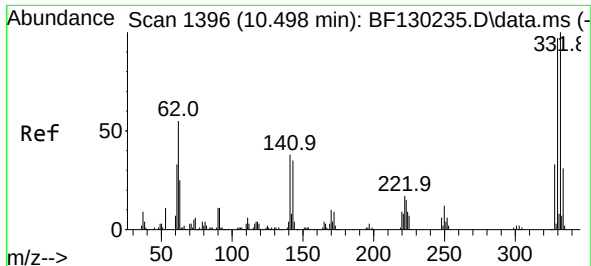
Tgt Ion:	127	Resp:	91202
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.6	38.4
65	35.4	27.0	40.6
92	19.9	15.9	23.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF130273.D
Acq: 15 Sep 2022 16:10

Tgt Ion:	164	Resp:	211809
Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.4	122.0
160	44.8	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 84.834 ng

RT: 10.492 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF130273.D

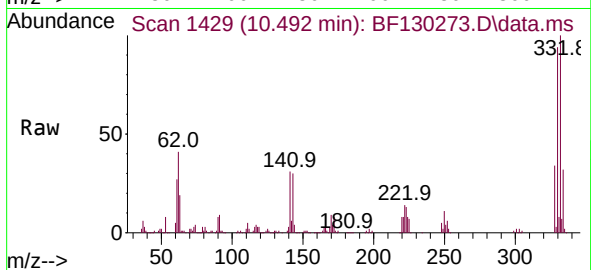
Acq: 15 Sep 2022 16:10

Instrument :

BNA_F

ClientSampleId :

OH-SOIL-0913



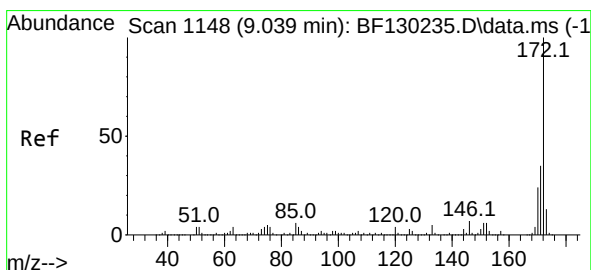
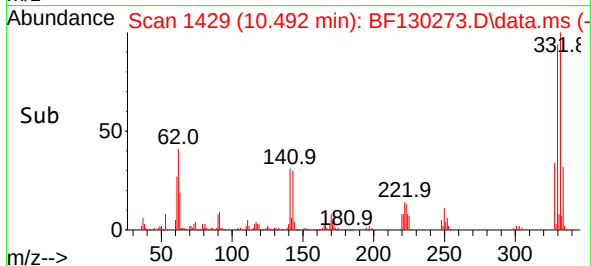
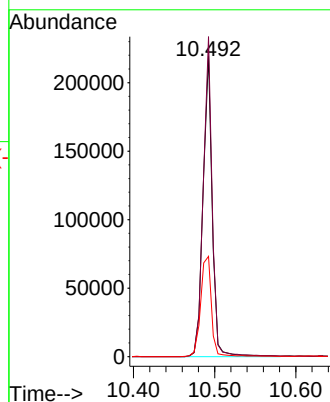
Tgt Ion:330 Resp: 172174

Ion Ratio Lower Upper

330 100

332 104.1 83.4 125.2

141 39.4 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 82.281 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF130273.D

Acq: 15 Sep 2022 16:10

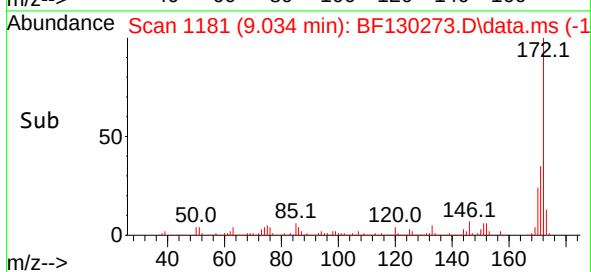
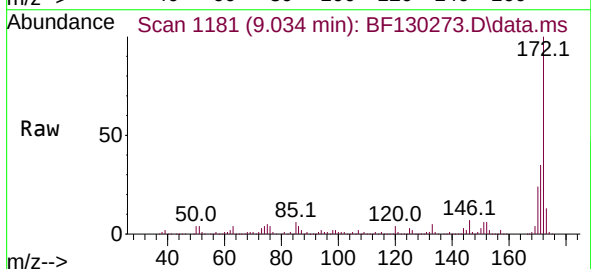
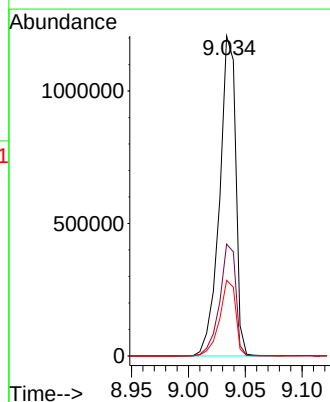
Tgt Ion:172 Resp: 1196818

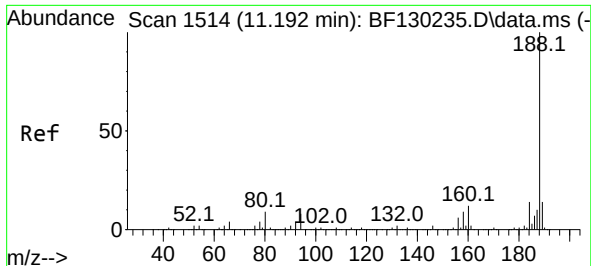
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.6 18.7 28.1

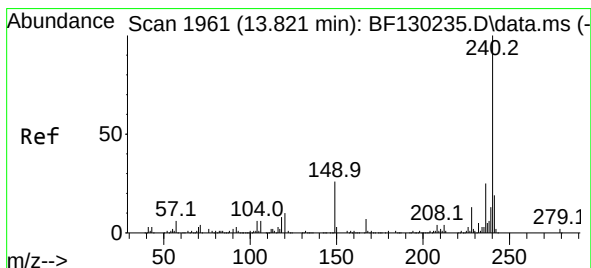
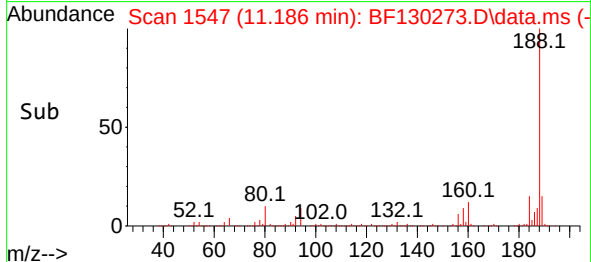
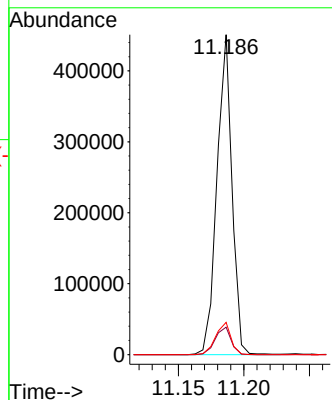
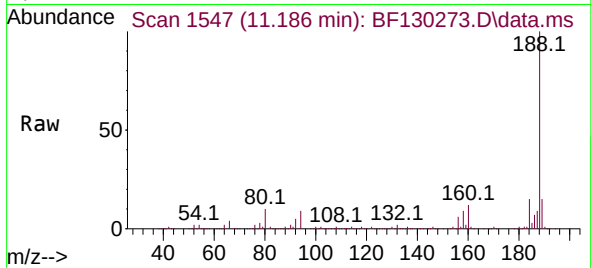




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130273.D
Acq: 15 Sep 2022 16:10

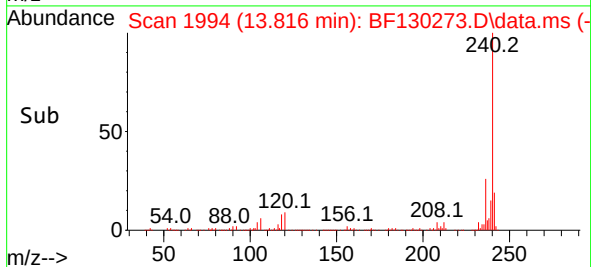
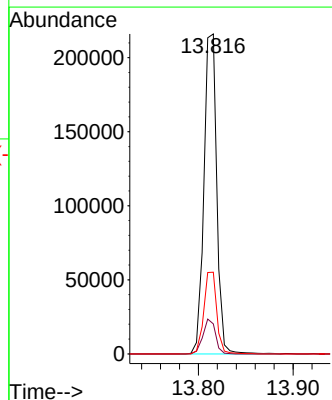
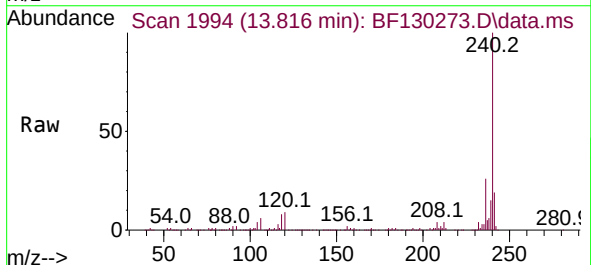
Instrument :
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OH-SOIL-0913

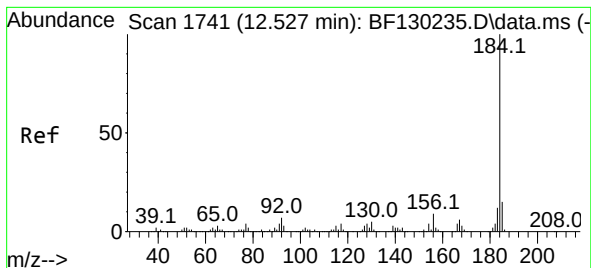
Tgt Ion:188 Resp: 359960
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 10.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.816 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BF130273.D
Acq: 15 Sep 2022 16:10

Tgt Ion:240 Resp: 203424
Ion Ratio Lower Upper
240 100
120 9.4 8.7 13.1
236 25.5 20.9 31.3





#77

Benzidine

Concen: 126.839 ng

RT: 12.528 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130273.D

Acq: 15 Sep 2022 16:10

Instrument :

BNA_F

ClientSampleId :

OH-SOIL-0913

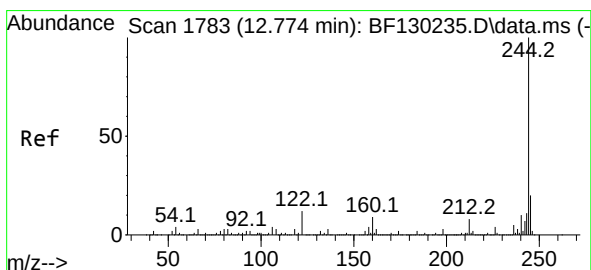
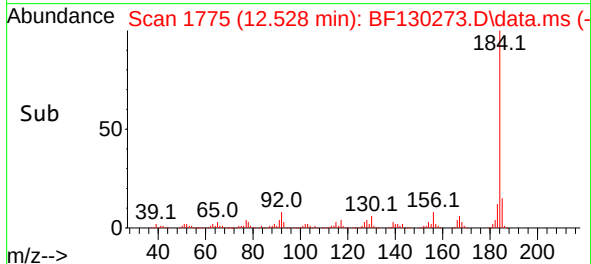
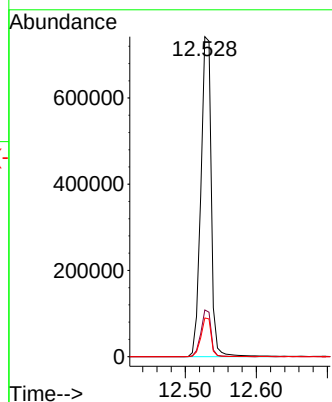
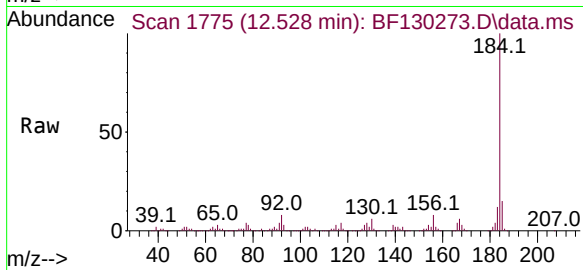
Tgt Ion:184 Resp: 749013

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

183 12.1 9.1 13.7



#79

Terphenyl-d14

Concen: 97.961 ng

RT: 12.775 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BF130273.D

Acq: 15 Sep 2022 16:10

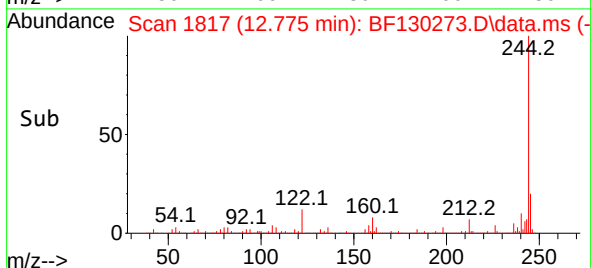
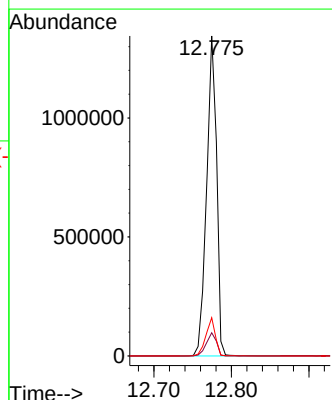
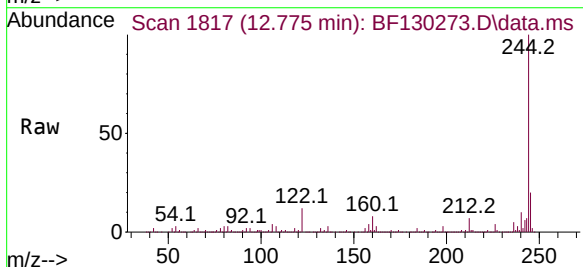
Tgt Ion:244 Resp: 1203004

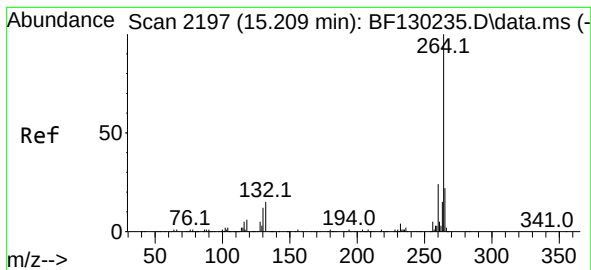
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.9 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.204 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130273.D

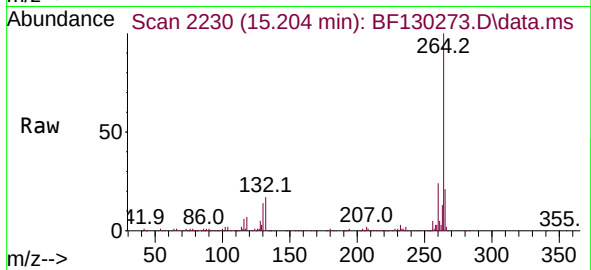
Acq: 15 Sep 2022 16:10

Instrument :

BNA_F

ClientSampleId :

OH-SOIL-0913



Tgt Ion:264 Resp: 162301

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 21.4 17.0 25.4

