

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
 Data File : BF123340.D
 Acq On : 2 Mar 2021 17:17
 Operator : JU/CG
 Sample : M1532-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SAMPLE-S-2

Quant Time: Mar 02 17:43:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

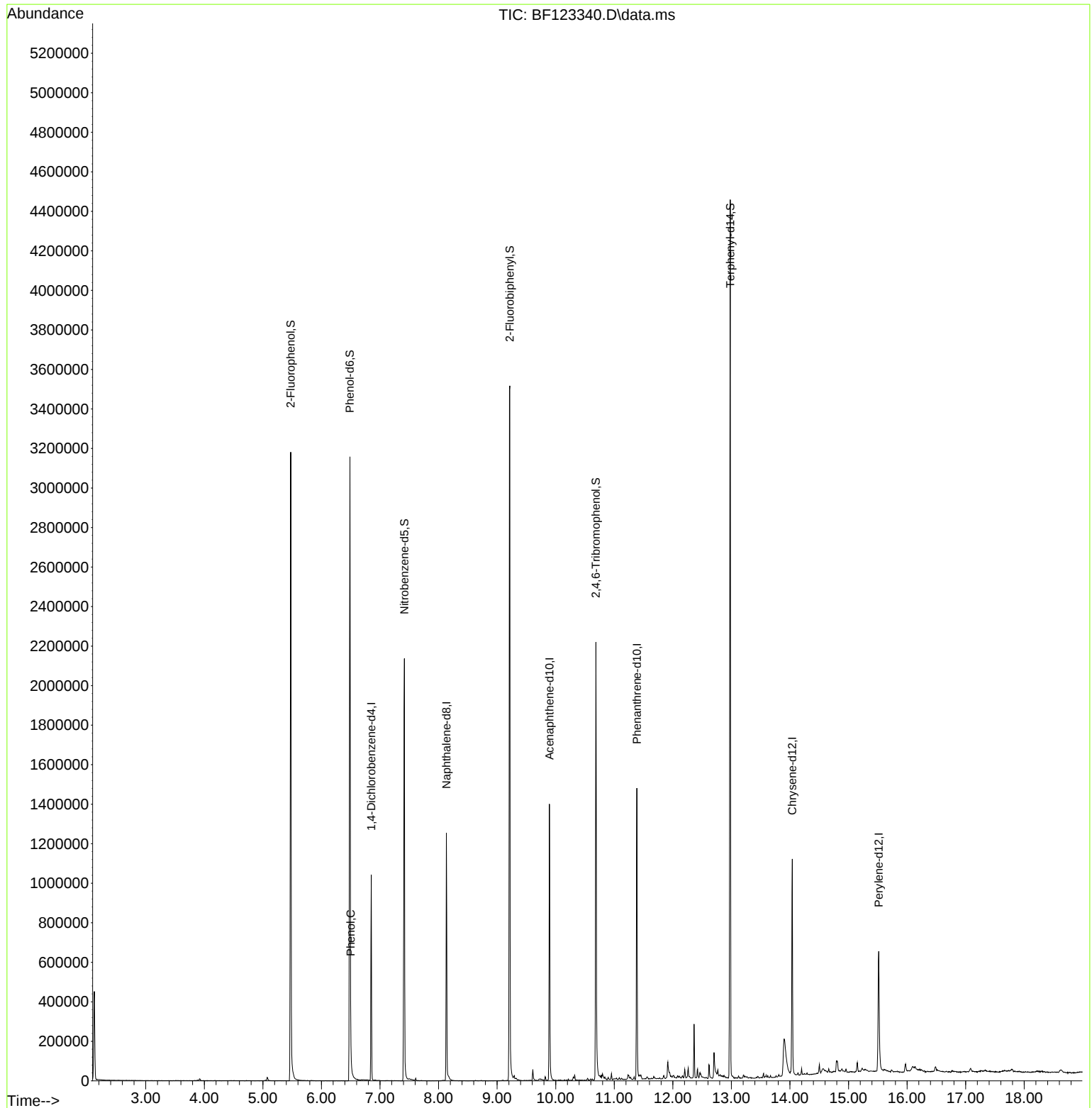
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	127029	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	517942	20.00	ng	#-0.01
39) Acenaphthene-d10	9.892	164	274154	20.00	ng	-0.01
64) Phenanthrene-d10	11.386	188	513397	20.00	ng	0.00
76) Chrysene-d12	14.039	240	362646	20.00	ng	0.00
86) Perylene-d12	15.515	264	290440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	833674	94.47	ng	0.00
7) Phenol-d6	6.487	99	1077647	89.88	ng	0.00
23) Nitrobenzene-d5	7.416	82	728399	64.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	232579	83.31	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1161128	60.84	ng	0.00
79) Terphenyl-d14	12.980	244	1232525	65.35	ng	0.00
Target Compounds						
10) Phenol	6.498	94	42985	3.29	ng	Qvalue 98

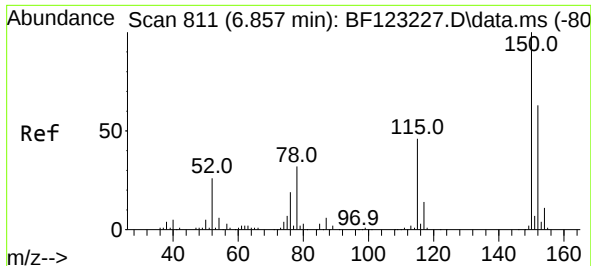
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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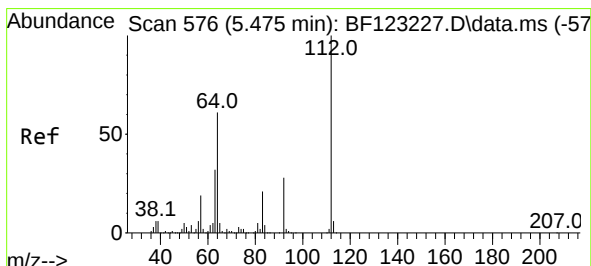
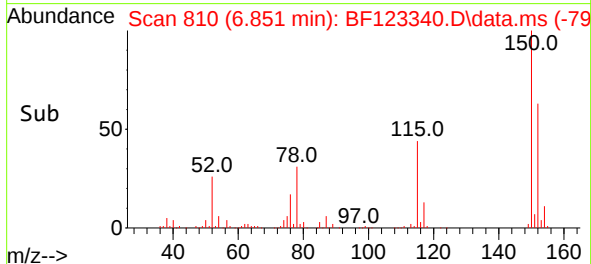
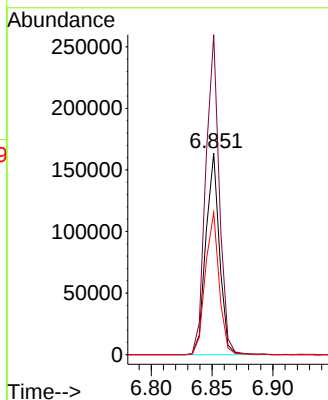
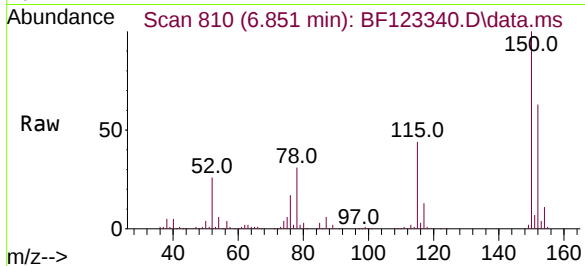




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123340.D
Acq: 2 Mar 2021 17:17

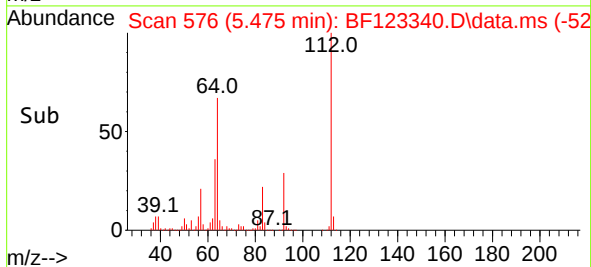
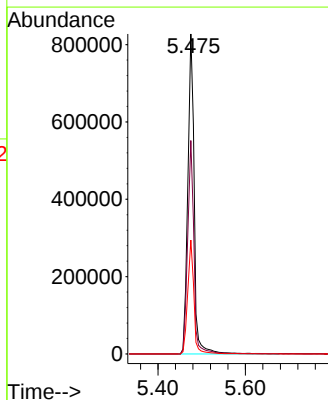
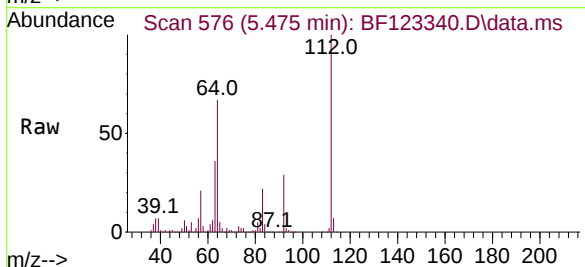
Instrument :
BNA_F
ClientSampleId :
SOIL-SAMPLE-S-2

Tgt Ion:152 Resp: 127029
Ion Ratio Lower Upper
152 100
150 158.8 125.8 188.6
115 70.6 49.3 73.9



#5
2-Fluorophenol
Concen: 94.47 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF123340.D
Acq: 2 Mar 2021 17:17

Tgt Ion:112 Resp: 833674
Ion Ratio Lower Upper
112 100
64 66.7 46.9 70.3
63 35.6 24.5 36.7

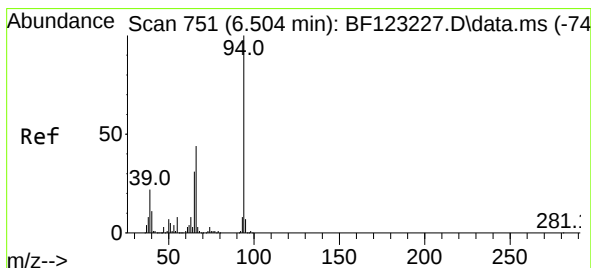
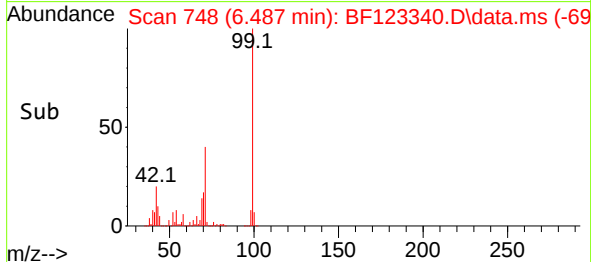
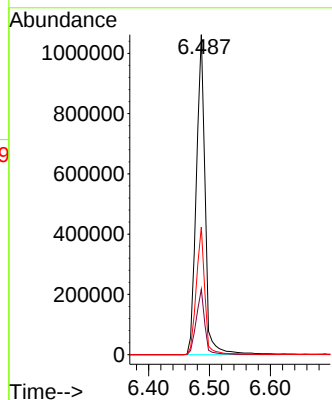
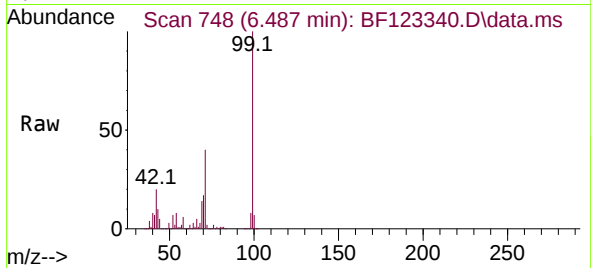




#7
Phenol-d6
Concen: 89.88 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123340.D
Acq: 2 Mar 2021 17:17

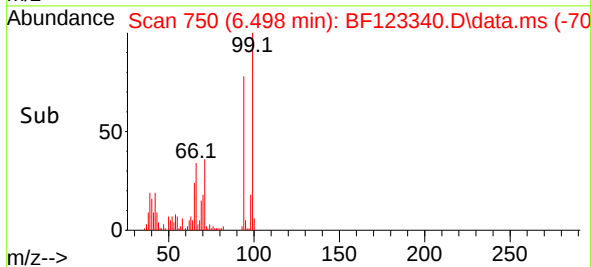
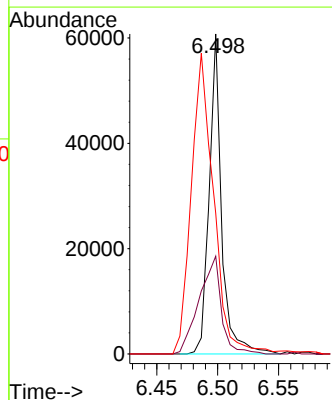
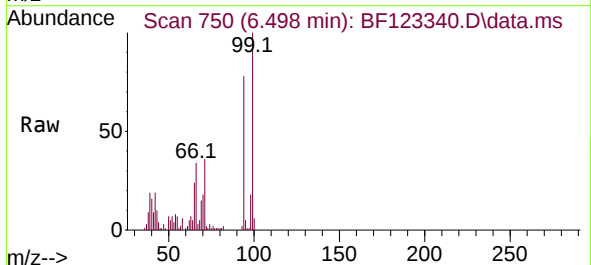
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ClientSampleId :
SOIL-SAMPLE-S-2

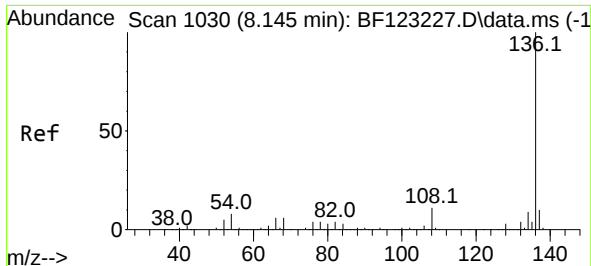
Tgt Ion: 99 Resp: 1077647
Ion Ratio Lower Upper
99 100
42 20.4 13.8 20.6
71 39.9 26.9 40.3



#10
Phenol
Concen: 3.29 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123340.D
Acq: 2 Mar 2021 17:17

Tgt Ion: 94 Resp: 42985
Ion Ratio Lower Upper
94 100
65 30.6 11.2 51.2
66 44.0 25.8 65.8

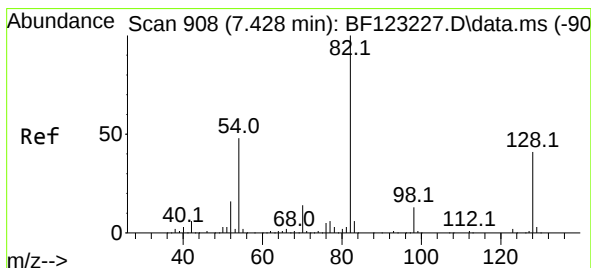
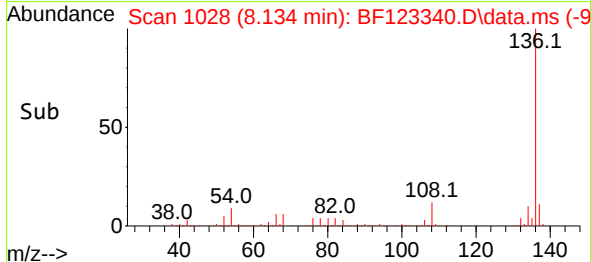
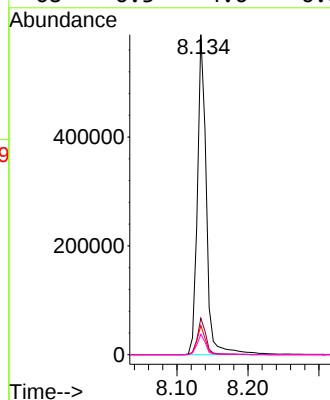
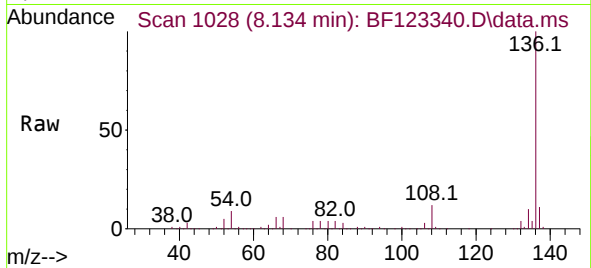




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123340.D
Acq: 2 Mar 2021 17:17

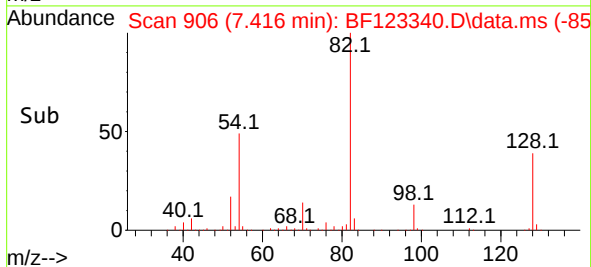
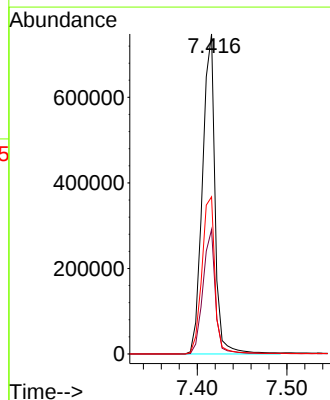
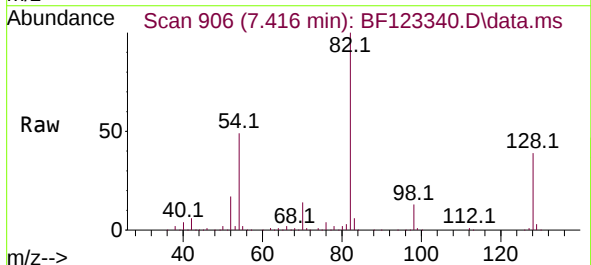
Instrument :
BNA_F
ClientSampleId :
SOIL-SAMPLE-S-2

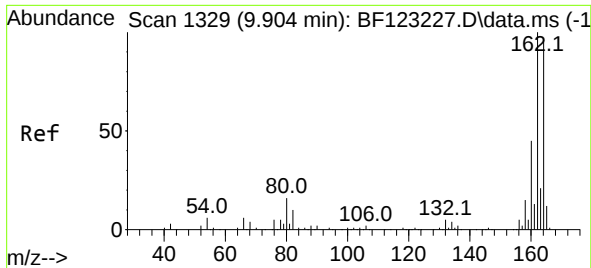
Tgt Ion:136	Resp: 517942
Ion Ratio	Lower Upper
136	100
137	11.4 8.8 13.2
54	9.1 5.5 8.3#
68	6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 64.38 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123340.D
Acq: 2 Mar 2021 17:17

Tgt Ion: 82	Resp: 728399
Ion Ratio	Lower Upper
82	100
128	38.8 37.0 55.4
54	49.1 38.4 57.6

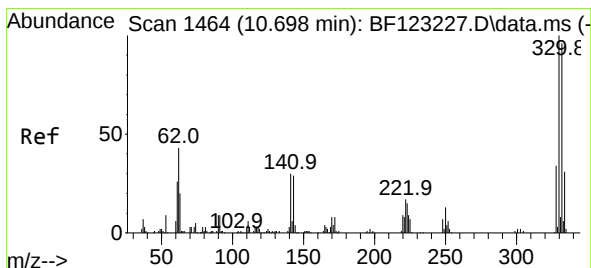
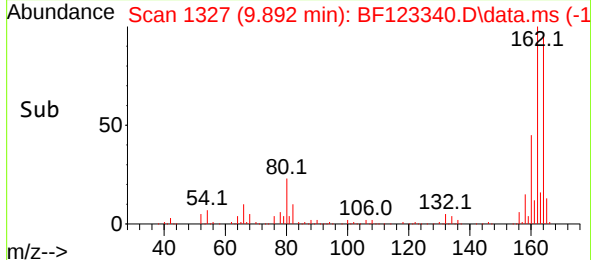
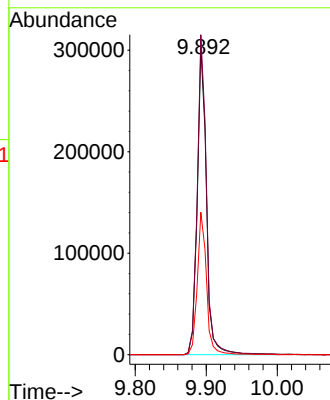
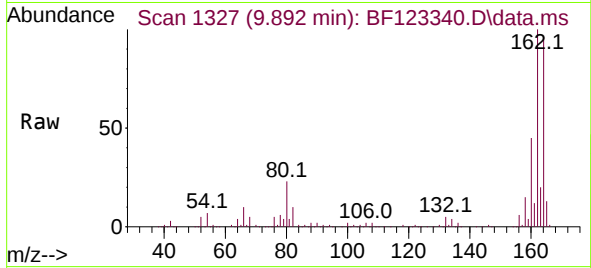




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123340.D
Acq: 2 Mar 2021 17:17

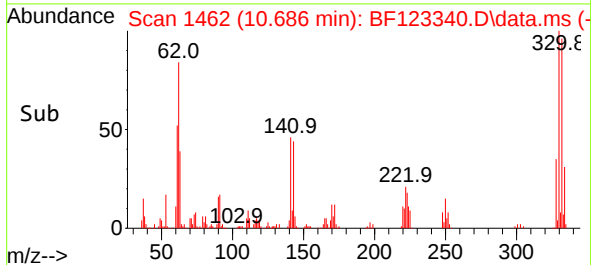
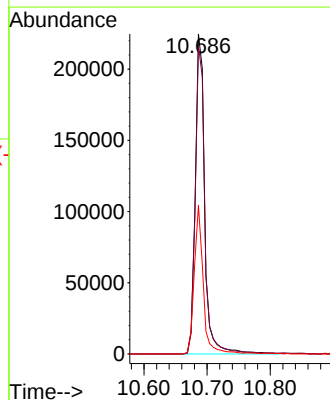
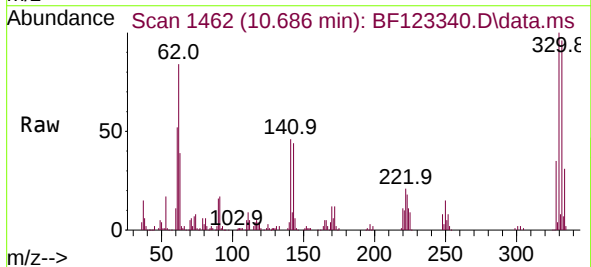
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SOIL-SAMPLE-S-2

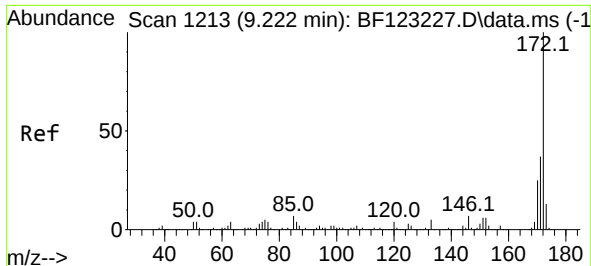
Tgt Ion:164 Resp: 274154
Ion Ratio Lower Upper
164 100
162 104.0 80.8 121.2
160 46.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 83.31 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123340.D
Acq: 2 Mar 2021 17:17

Tgt Ion:330 Resp: 232579
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 43.9 23.8 35.8#

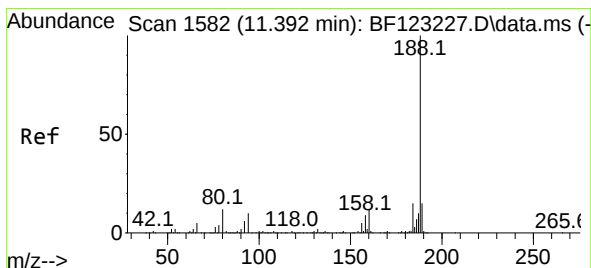
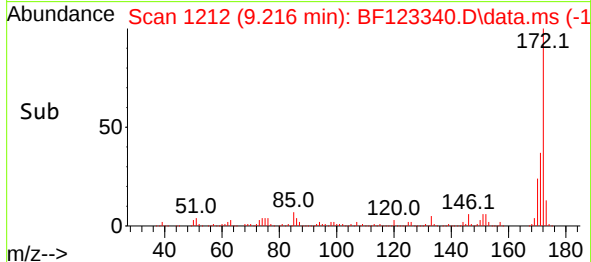
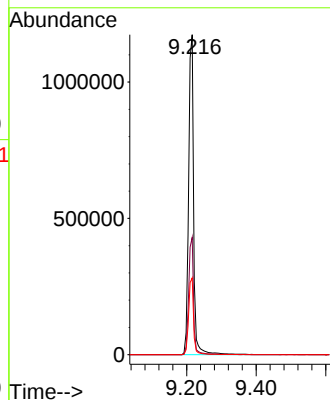
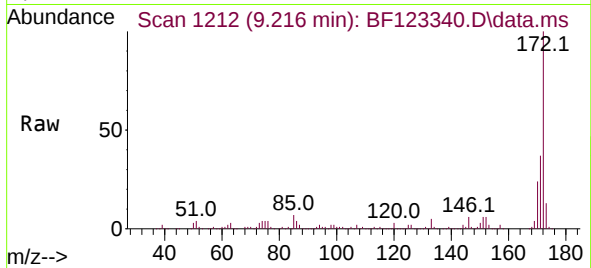




#45
2-Fluorobiphenyl
Concen: 60.84 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123340.D
Acq: 2 Mar 2021 17:17

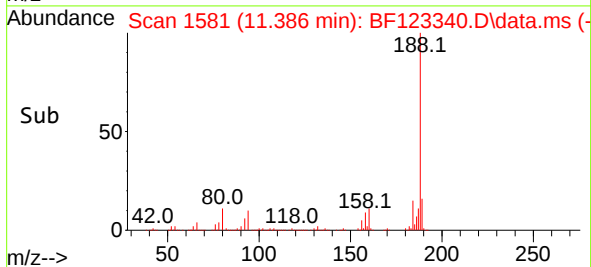
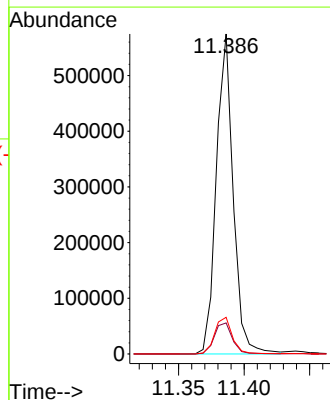
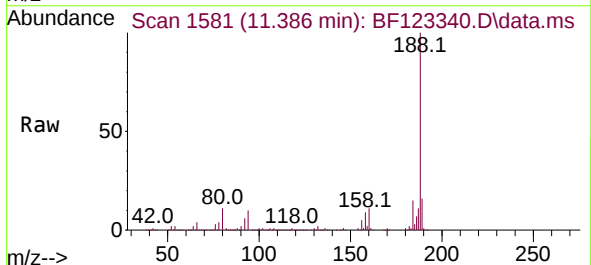
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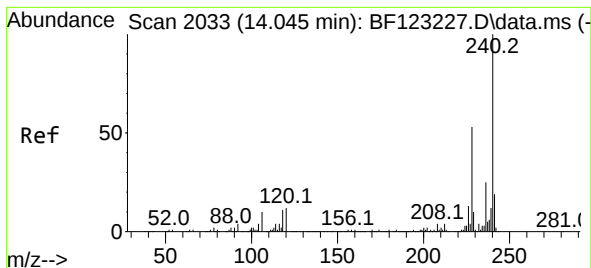
Tgt Ion:172 Resp: 1161128
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.0 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123340.D
Acq: 2 Mar 2021 17:17

Tgt Ion:188 Resp: 513397
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 11.4 8.2 12.4

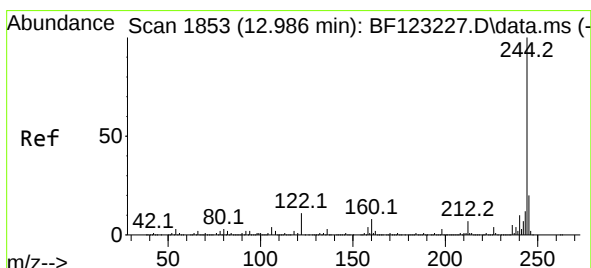
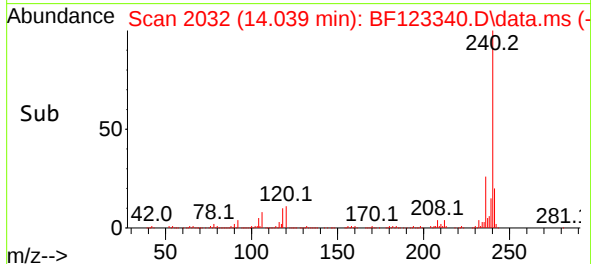
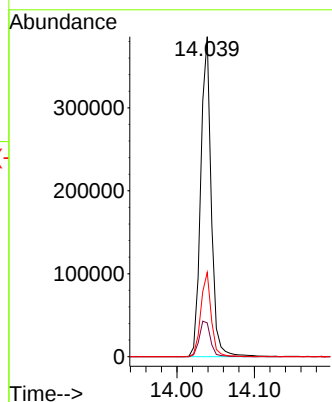
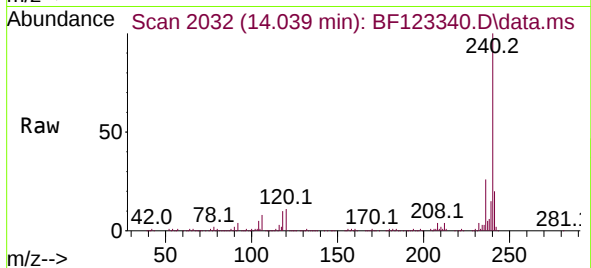




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123340.D
Acq: 2 Mar 2021 17:17

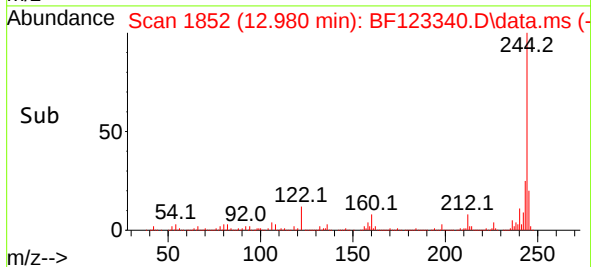
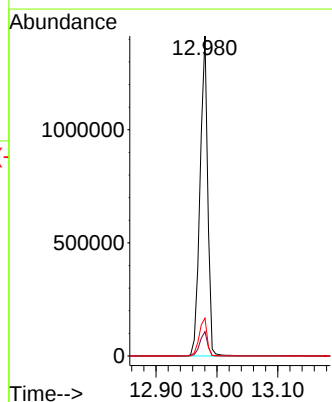
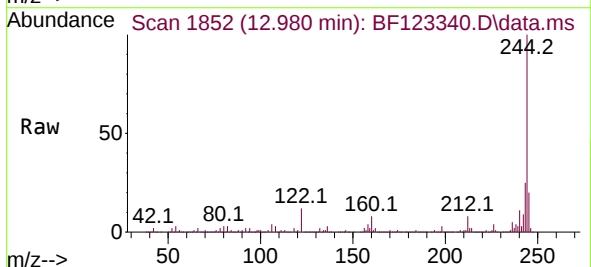
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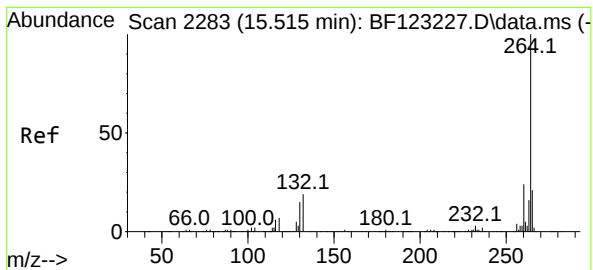
Tgt Ion:240 Resp: 362646
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 26.3 20.3 30.5



#79
Terphenyl-d14
Concen: 65.35 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF123340.D
Acq: 2 Mar 2021 17:17

Tgt Ion:244 Resp: 1232525
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 11.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF123340.D
 Acq: 2 Mar 2021 17:17

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 290440
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 20.8 17.0 25.6

