

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131379.D
 Acq On : 24 Nov 2022 00:52
 Operator : CG\JU
 Sample : N5641-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-13

Quant Time: Nov 24 05:59:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 05:53:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	111100	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	379592	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	187082	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	285798	20.000	ng	0.00
76) Chrysene-d12	14.162	240	241218	20.000	ng	0.00
86) Perylene-d12	15.698	264	181543	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	517809	88.704	ng	0.01
7) Phenol-d6	6.569	99	630990	84.720	ng	0.00
23) Nitrobenzene-d5	7.522	82	409695	54.406	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	131474	83.532	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	700115	54.444	ng	0.00
79) Terphenyl-d14	13.098	244	623894	42.295	ng	0.00

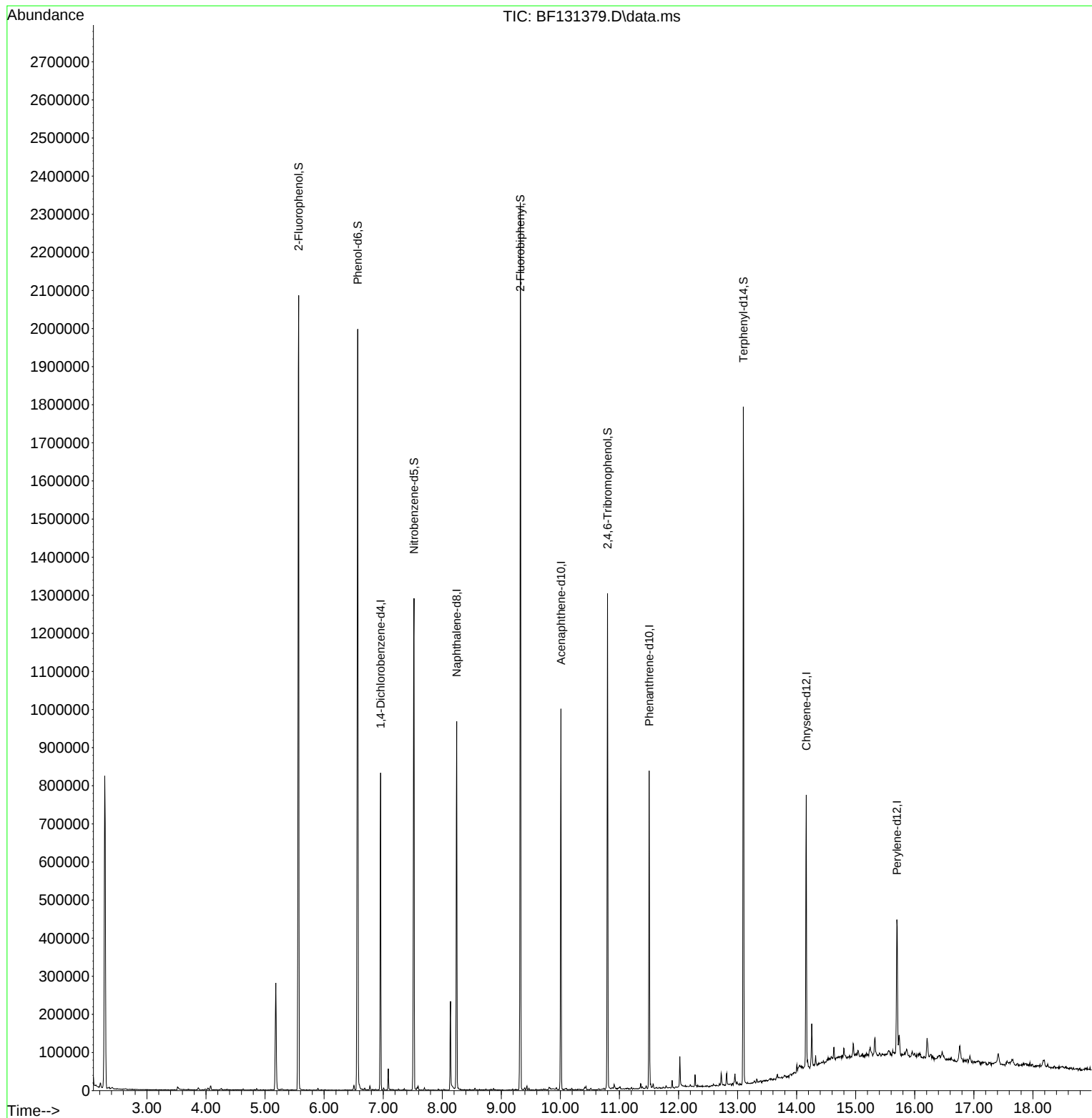
Target Compounds	Qvalue

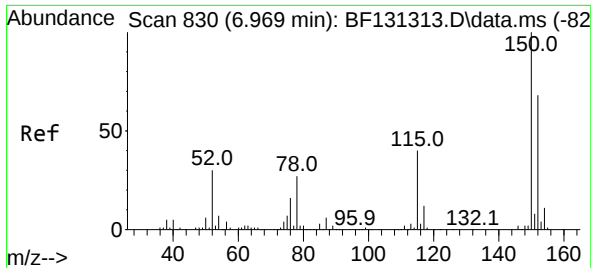
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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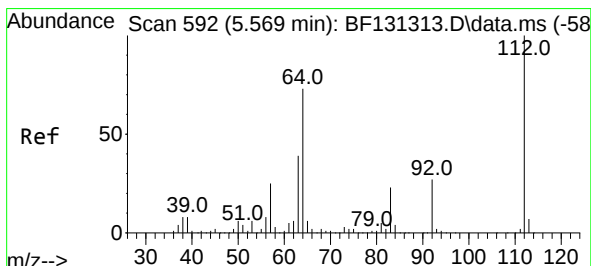
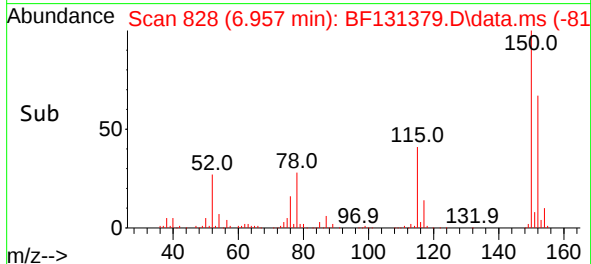
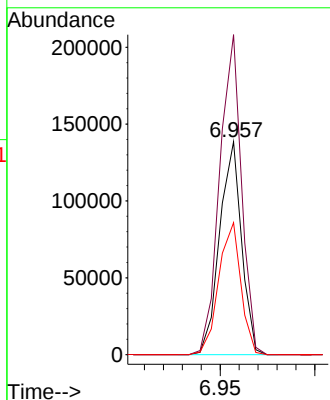
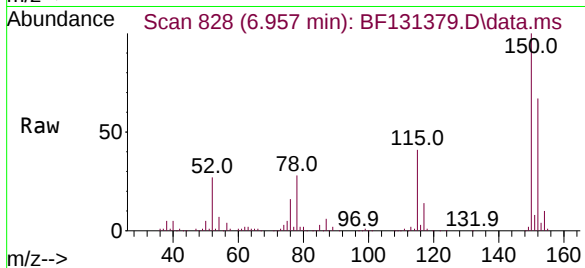




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

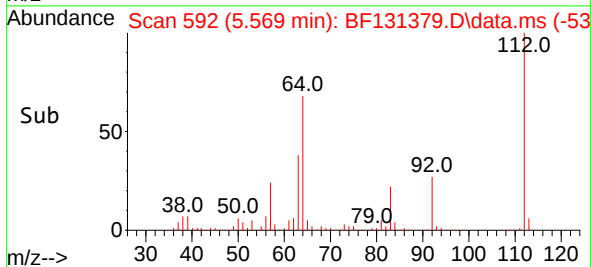
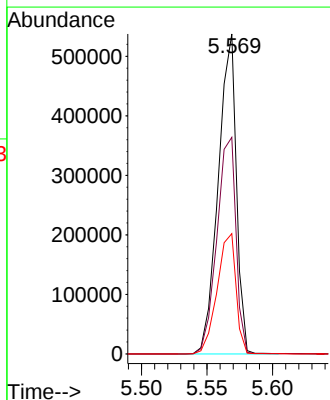
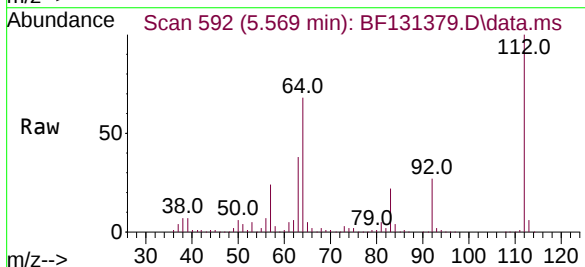
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-13

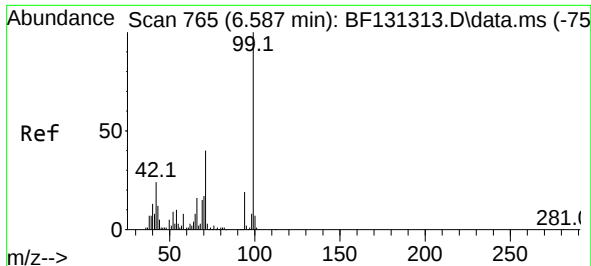
Tgt Ion:152 Resp: 111100
Ion Ratio Lower Upper
152 100
150 150.3 117.8 176.8
115 62.0 47.1 70.7



#5
2-Fluorophenol
Concen: 88.704 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

Tgt Ion:112 Resp: 517809
Ion Ratio Lower Upper
112 100
64 67.7 58.6 88.0
63 37.6 31.4 47.0

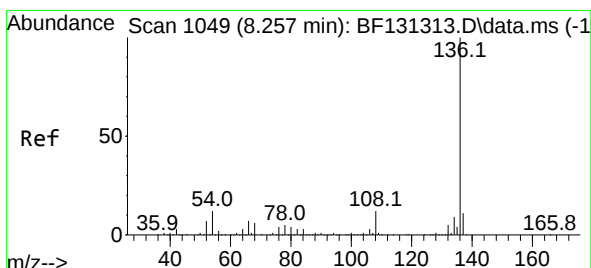
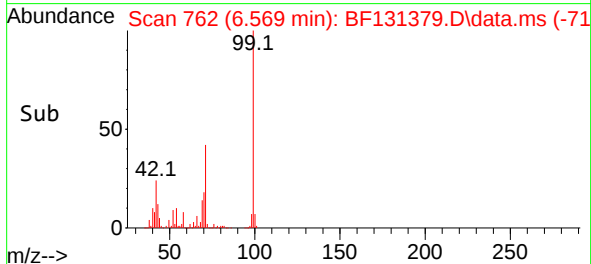
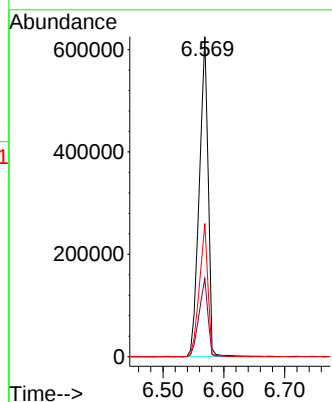
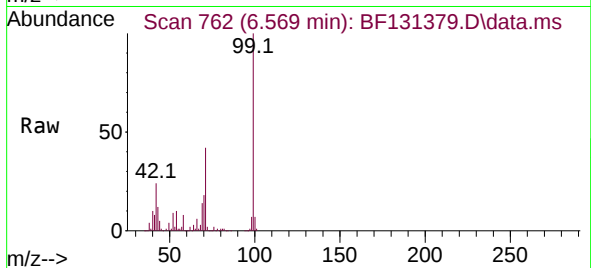




#7
Phenol-d6
Concen: 84.720 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

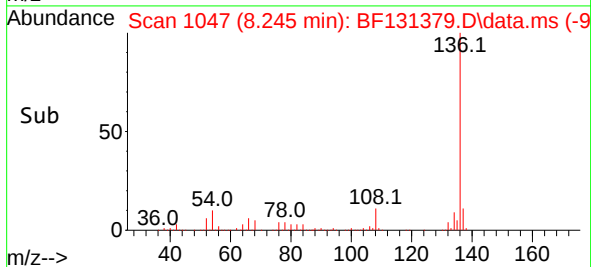
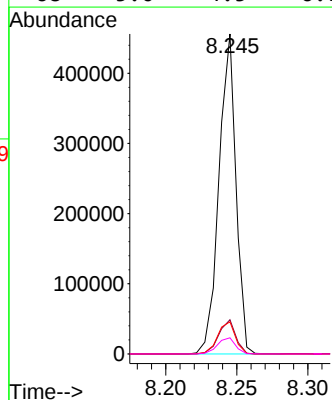
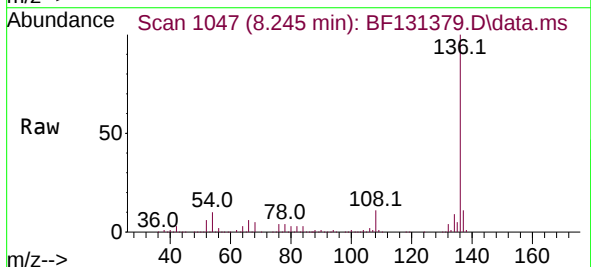
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-13

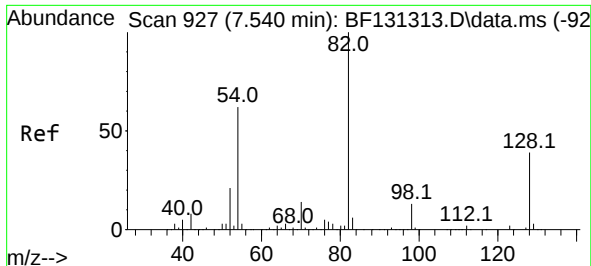
Tgt Ion: 99 Resp: 630990
Ion Ratio Lower Upper
99 100
42 24.4 19.4 29.2
71 41.6 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

Tgt Ion: 136 Resp: 379592
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.0 9.4 14.0
68 5.0 4.5 6.7

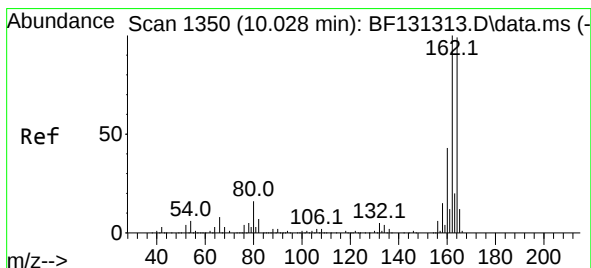
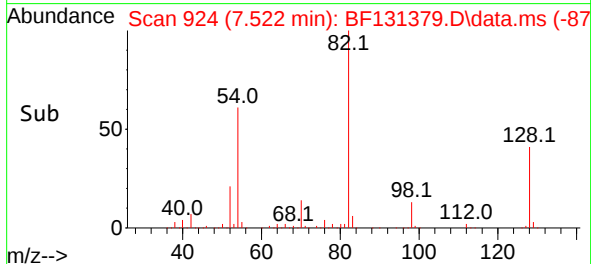
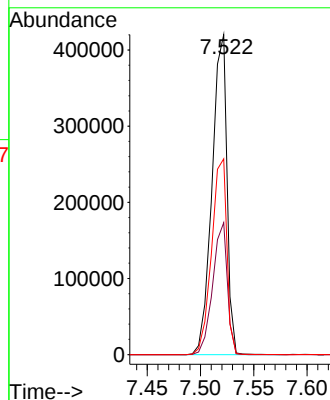
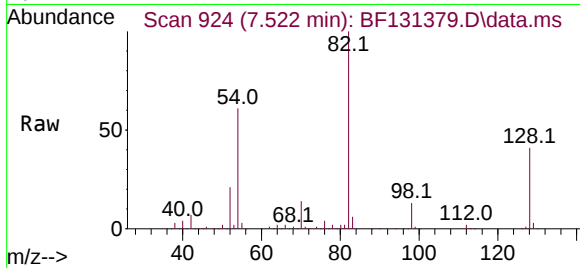




#23
 Nitrobenzene-d5
 Concen: 54.406 ng
 RT: 7.522 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: BF131379.D
 Acq: 24 Nov 2022 00:52

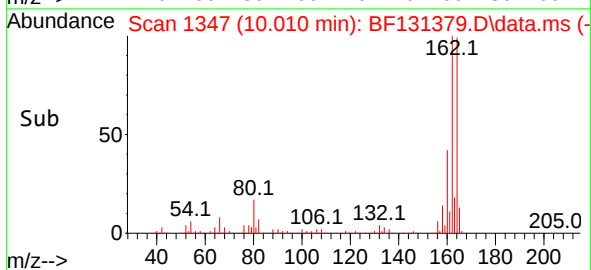
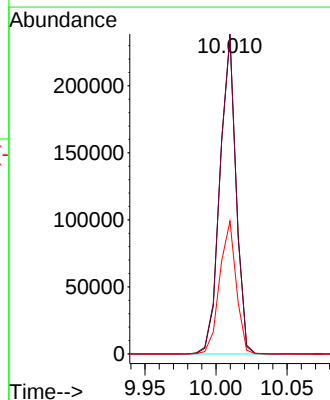
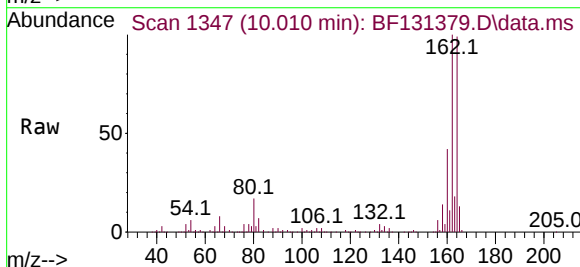
Instrument :
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 SOIL-PILE-13

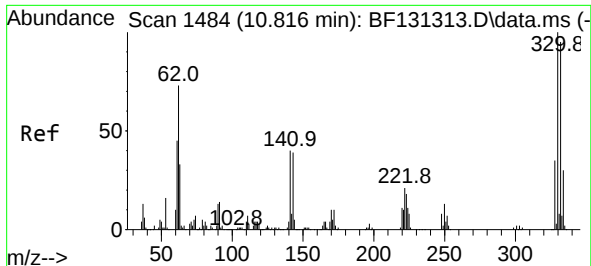
Tgt Ion: 82 Resp: 409695
 Ion Ratio Lower Upper
 82 100
 128 41.2 31.4 47.0
 54 61.2 49.8 74.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.010 min Scan# 1347
 Delta R.T. -0.000 min
 Lab File: BF131379.D
 Acq: 24 Nov 2022 00:52

Tgt Ion:164 Resp: 187082
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.6 120.8
 160 41.9 34.4 51.6

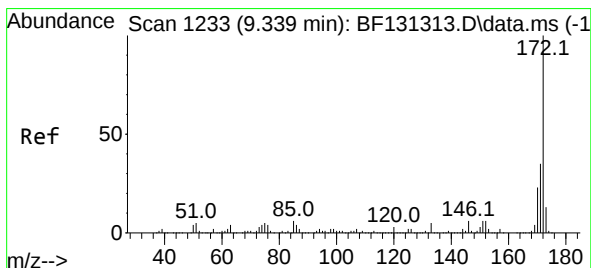
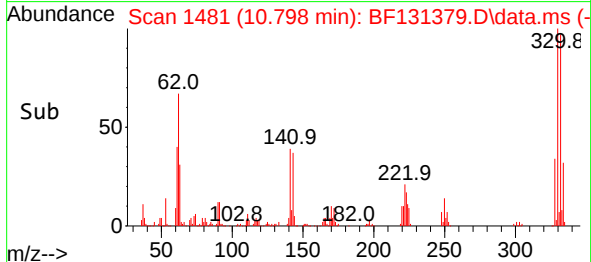
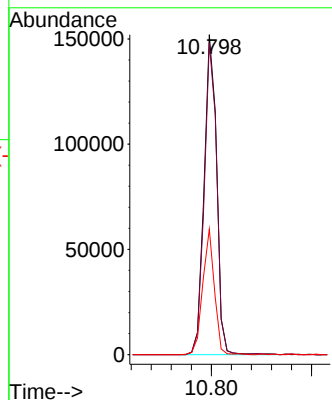
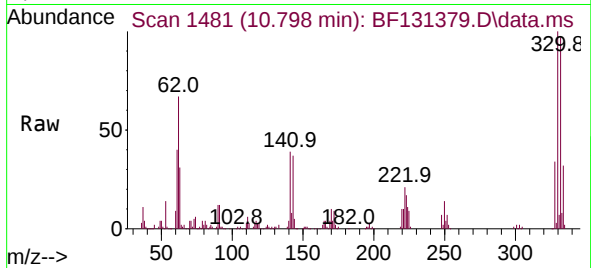




#42
2,4,6-Tribromophenol
Concen: 83.532 ng
RT: 10.798 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

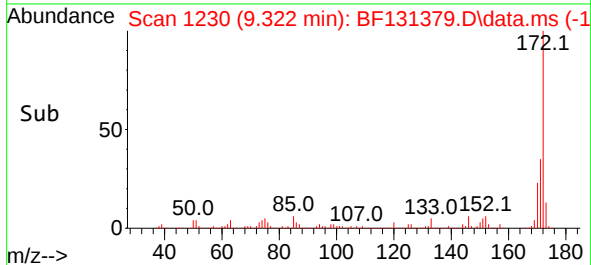
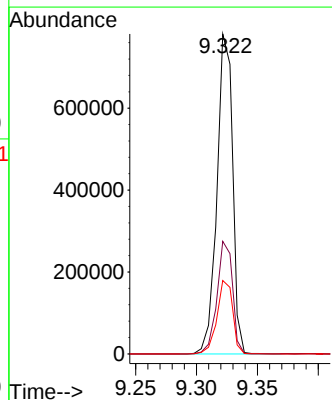
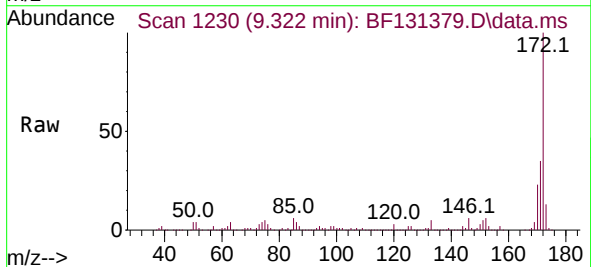
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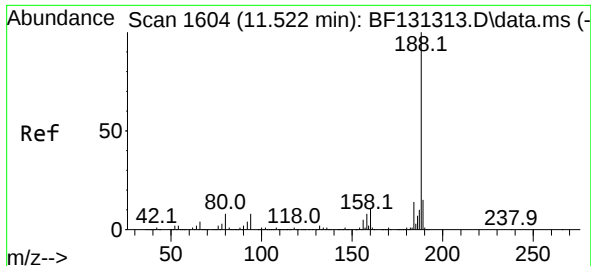
Tgt Ion: 330 Resp: 131474
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 36.6 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 54.444 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

Tgt Ion: 172 Resp: 700115
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 22.9 18.7 28.1

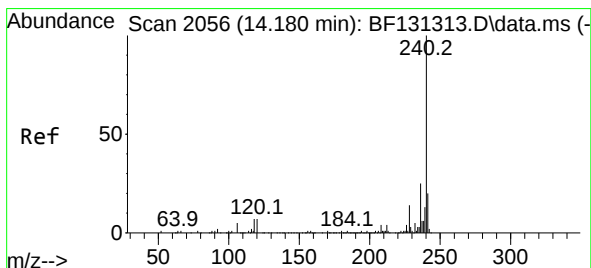
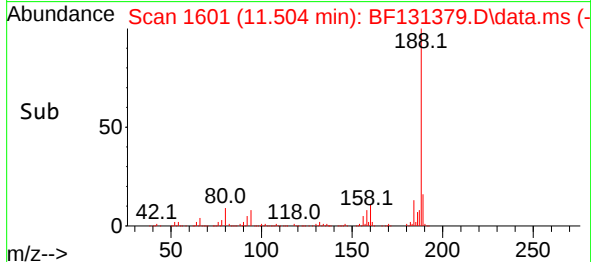
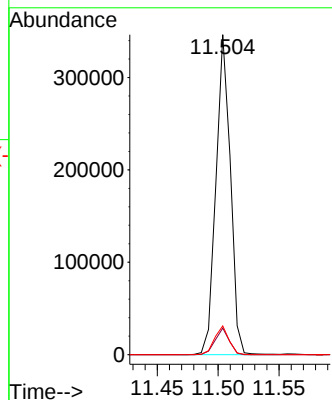
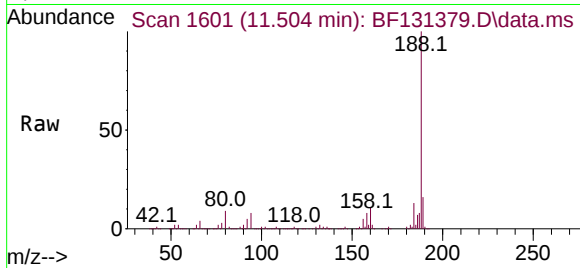




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

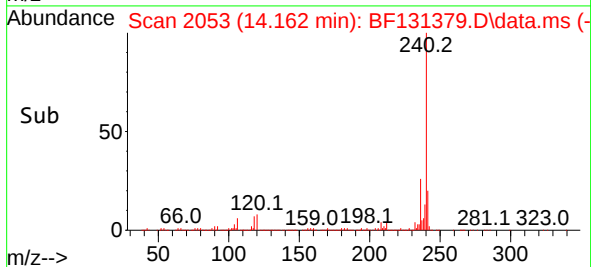
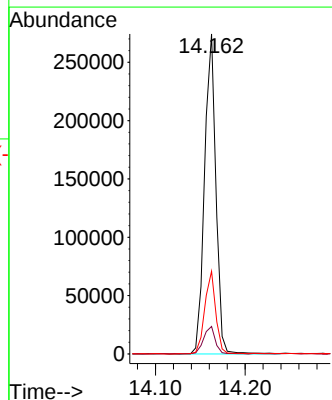
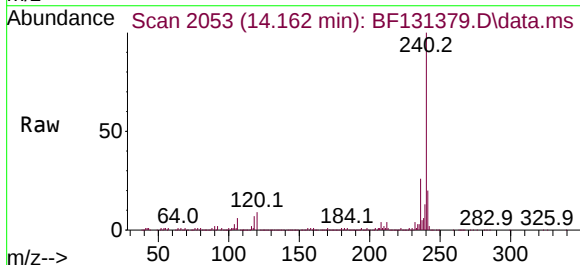
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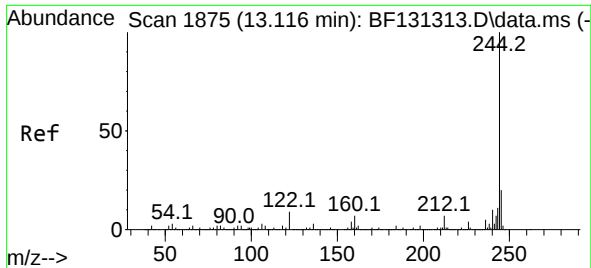
Tgt Ion:188 Resp: 285798
Ion Ratio Lower Upper
188 100
94 8.3 6.3 9.5
80 9.0 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.162 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BF131379.D
Acq: 24 Nov 2022 00:52

Tgt Ion:240 Resp: 241218
Ion Ratio Lower Upper
240 100
120 8.6 5.8 8.8
236 25.8 20.3 30.5

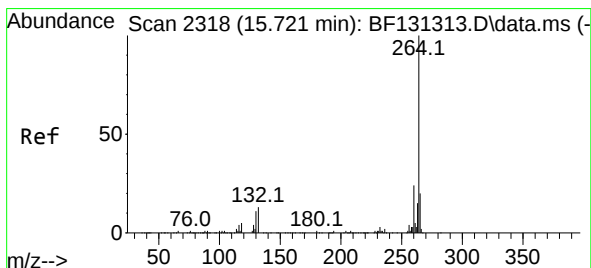
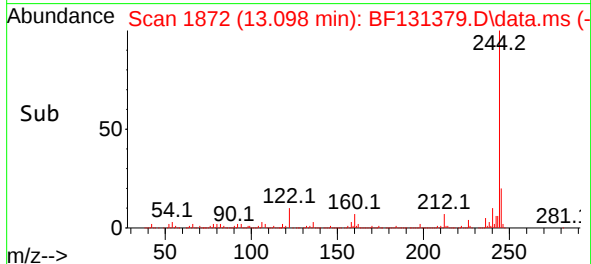
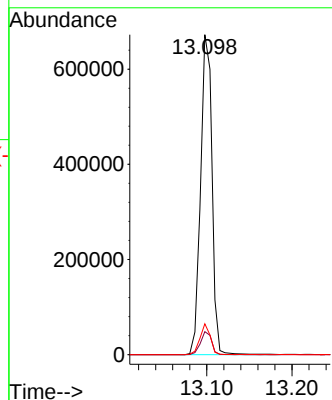
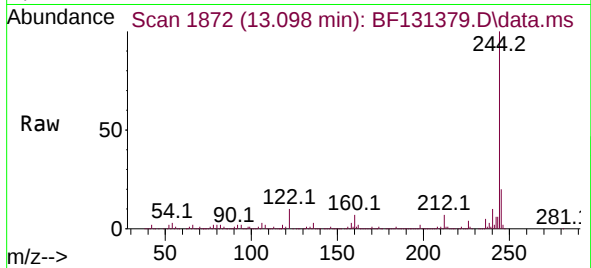




#79
 Terphenyl-d14
 Concen: 42.295 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: BF131379.D
 Acq: 24 Nov 2022 00:52

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 623894
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 9.6 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.698 min Scan# 2314
 Delta R.T. 0.006 min
 Lab File: BF131379.D
 Acq: 24 Nov 2022 00:52

Tgt Ion:264 Resp: 181543
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 22.0 16.4 24.6

