

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130240.D
 Acq On : 14 Sep 2022 15:20
 Operator : CG\JU
 Sample : PB147612BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147612BL

Quant Time: Sep 14 16:04:07 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	110991	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	443028	20.000	ng	0.00
39) Acenaphthene-d10	9.710	164	234010	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	404230	20.000	ng	0.00
76) Chrysene-d12	13.815	240	285873	20.000	ng	0.00
86) Perylene-d12	15.209	264	215993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.292	112	952905	148.911	ng	0.02
7) Phenol-d6	6.310	99	1191005	148.749	ng	0.00
23) Nitrobenzene-d5	7.245	82	787437	90.805	ng	0.00
42) 2,4,6-Tribromophenol	10.498	330	359009	160.110	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1431473	89.077	ng	0.00
79) Terphenyl-d14	12.780	244	1605726	93.044	ng	0.00

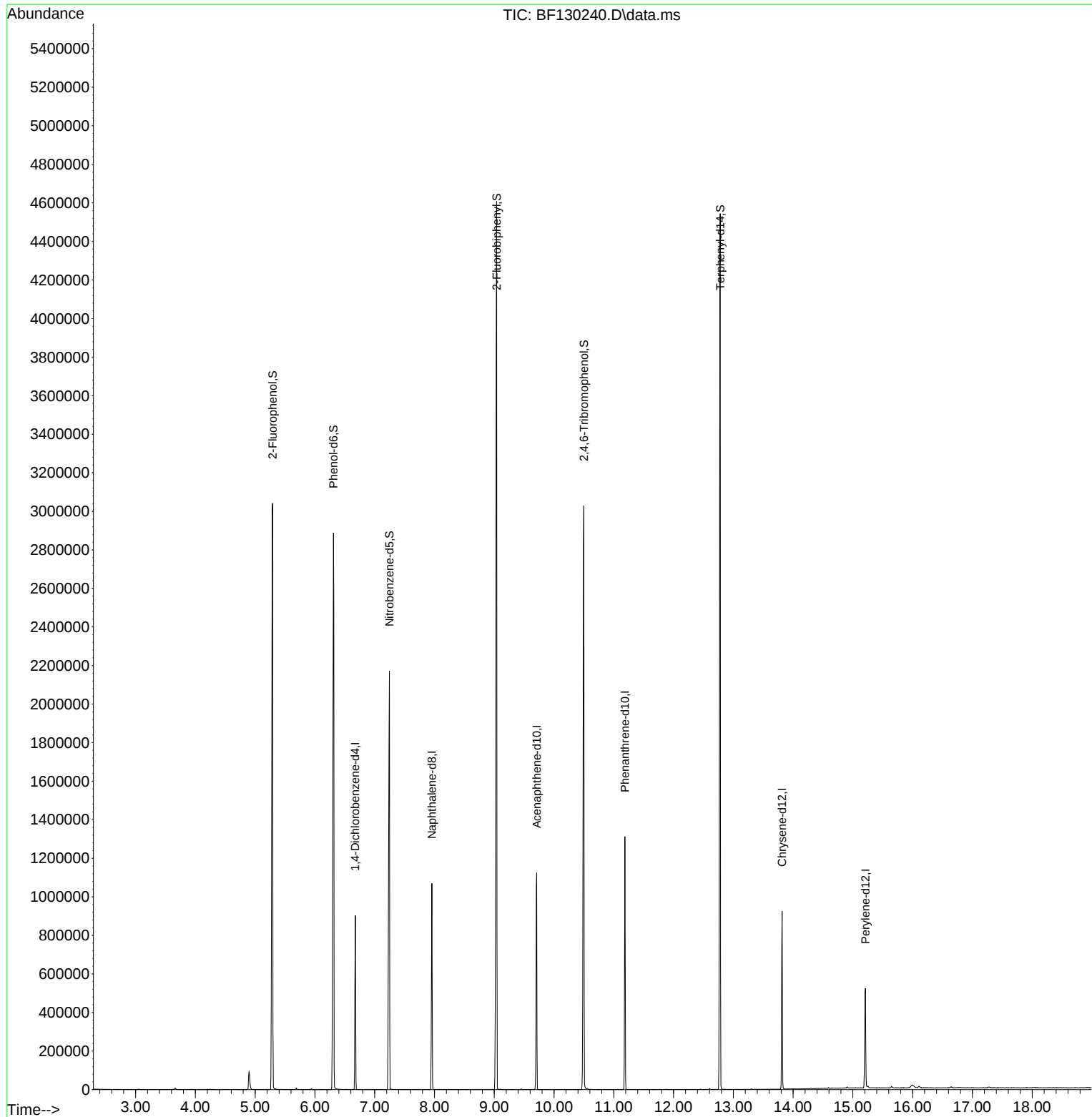
Target Compounds	Qvalue

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

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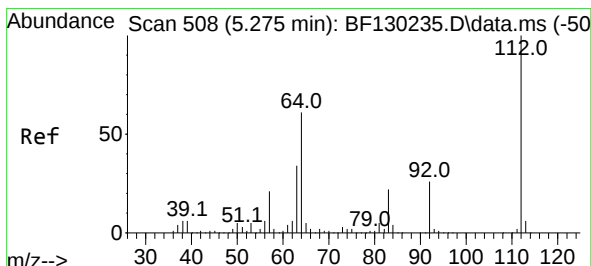
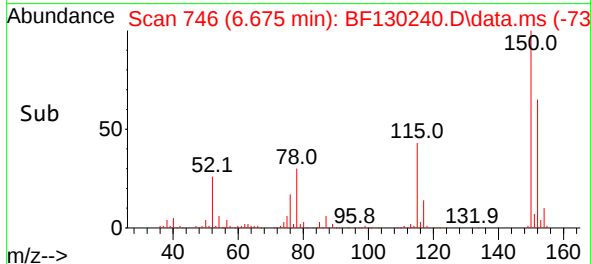
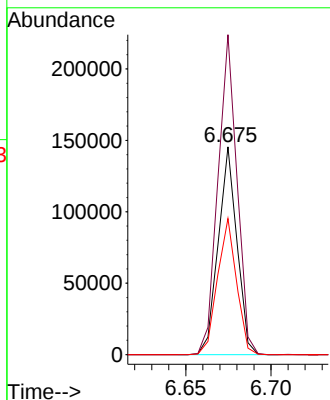
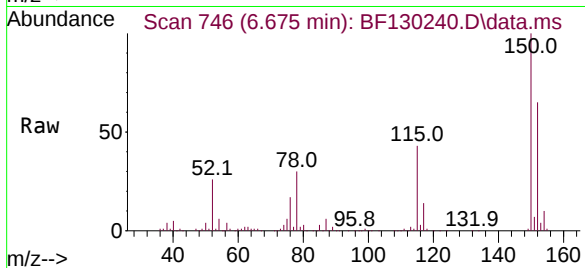




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130240.D
Acq: 14 Sep 2022 15:20

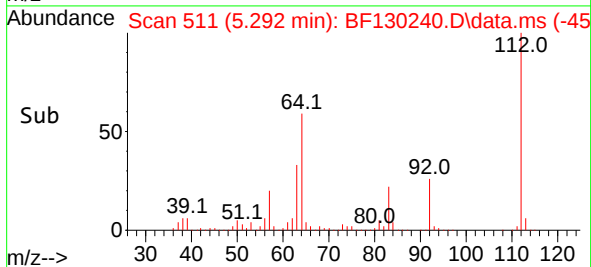
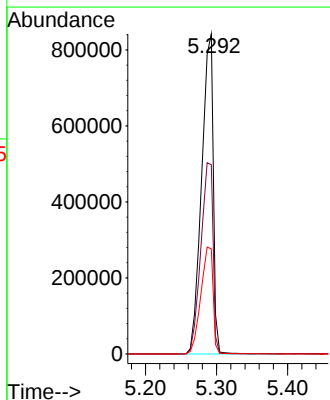
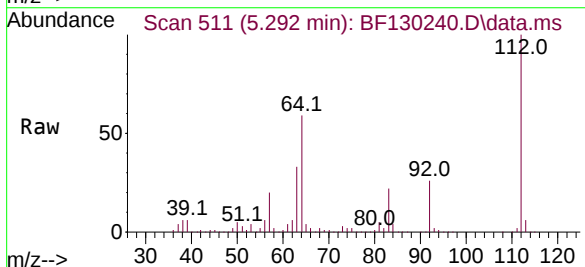
Instrument :
BNA_F
ClientSampleId :
PB147612BL

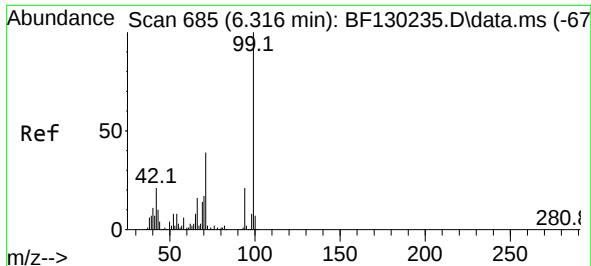
Tgt Ion:152 Resp: 110991
Ion Ratio Lower Upper
152 100
150 154.0 122.8 184.2
115 65.5 53.8 80.8



#5
2-Fluorophenol
Concen: 148.911 ng
RT: 5.292 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF130240.D
Acq: 14 Sep 2022 15:20

Tgt Ion:112 Resp: 952905
Ion Ratio Lower Upper
112 100
64 59.1 51.4 77.0
63 32.8 28.8 43.2

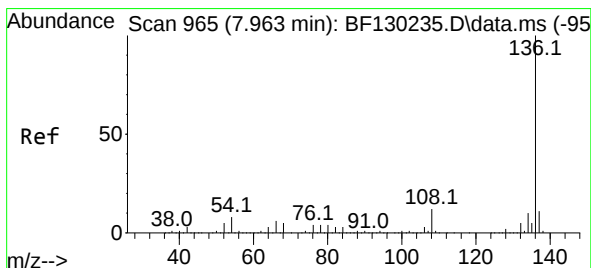
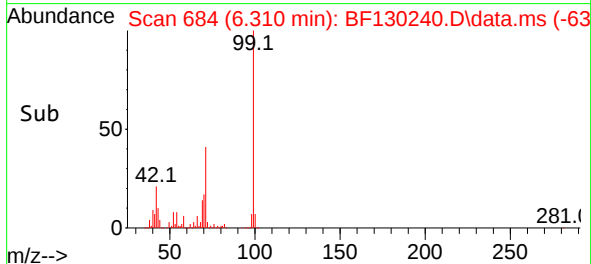
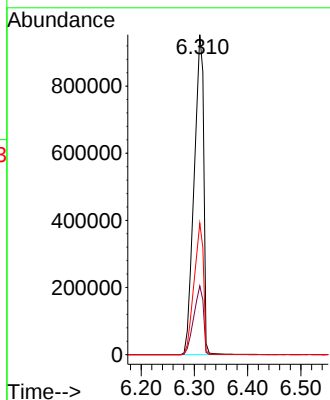
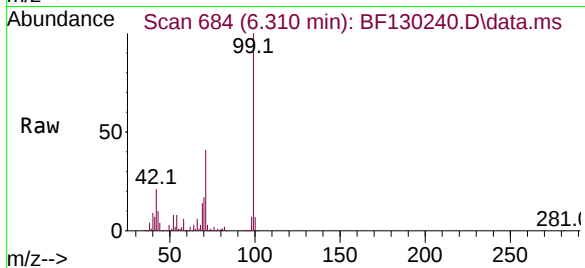




#7
Phenol-d6
Concen: 148.749 ng
RT: 6.310 min Scan# 684
Delta R.T. -0.006 min
Lab File: BF130240.D
Acq: 14 Sep 2022 15:20

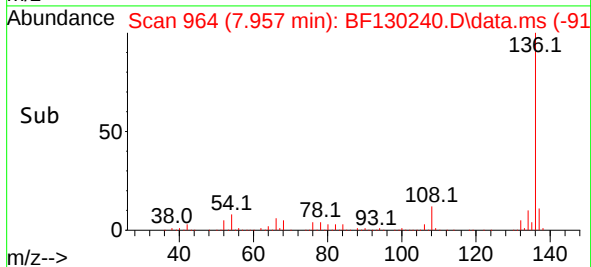
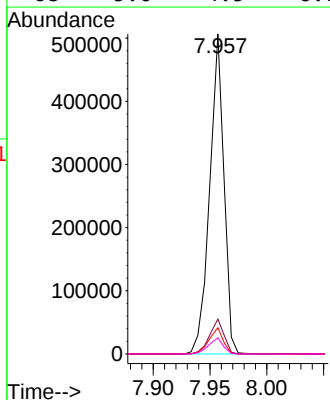
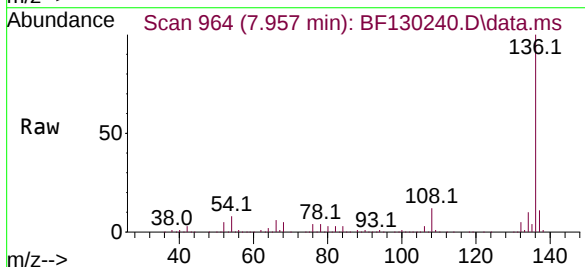
Instrument :
BNA_F
ClientSampleId :
PB147612BL

Tgt Ion: 99 Resp: 1191005
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 41.1 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF130240.D
Acq: 14 Sep 2022 15:20

Tgt Ion: 136 Resp: 443028
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 8.2 7.1 10.7
68 5.0 4.5 6.7

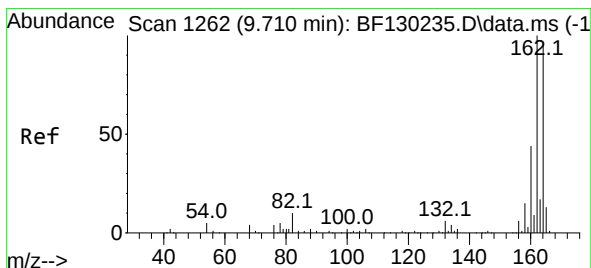
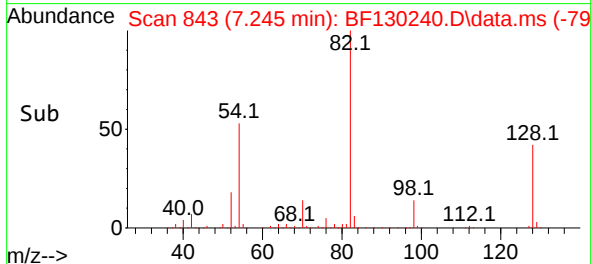
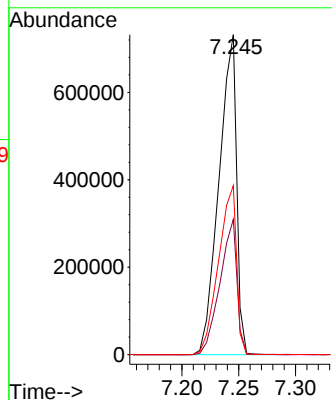
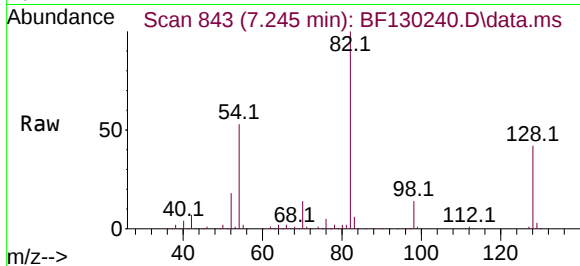




#23
Nitrobenzene-d5
Concen: 90.805 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF130240.D
Acq: 14 Sep 2022 15:20

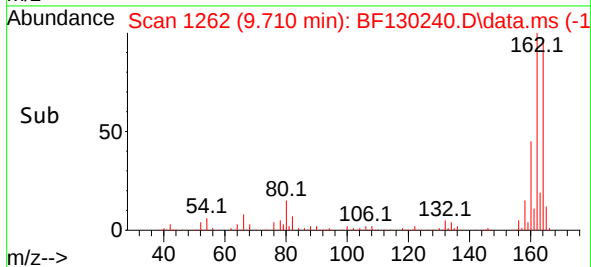
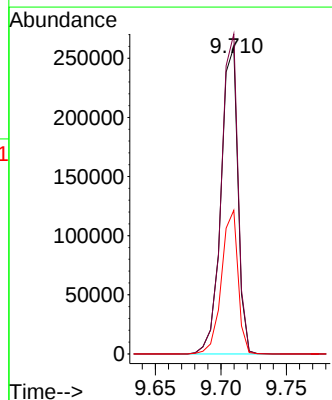
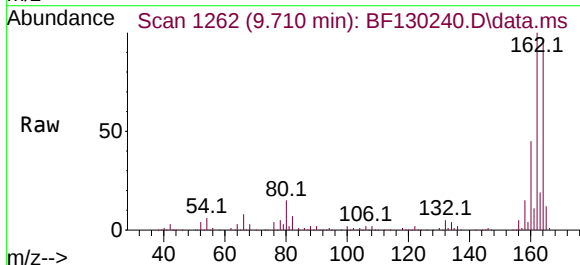
Instrument :
BNA_F
ClientSampleId :
PB147612BL

Tgt Ion: 82 Resp: 787437
Ion Ratio Lower Upper
82 100
128 42.3 32.6 49.0
54 52.8 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.710 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BF130240.D
Acq: 14 Sep 2022 15:20

Tgt Ion:164 Resp: 234010
Ion Ratio Lower Upper
164 100
162 104.3 81.4 122.0
160 46.8 36.2 54.4

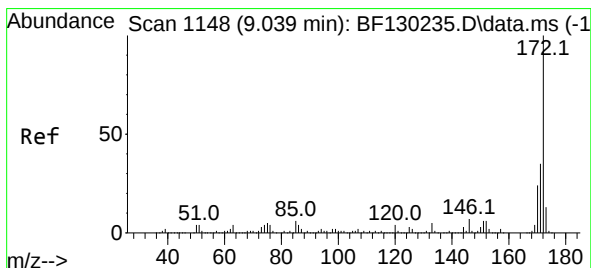
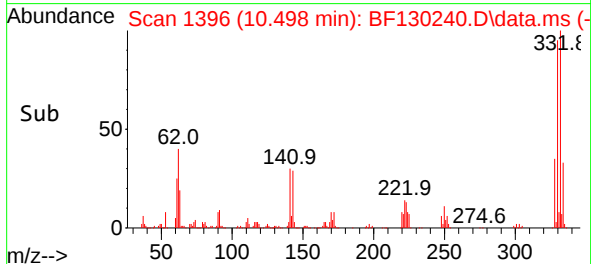
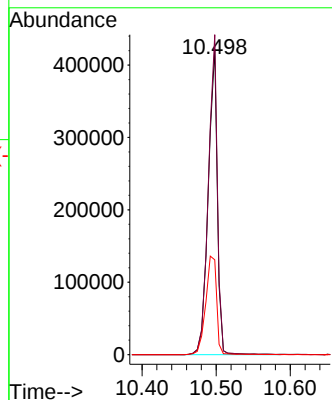
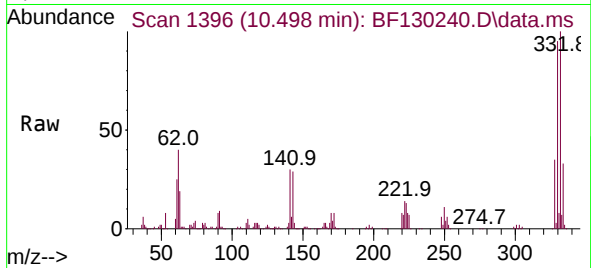




#42
2,4,6-Tribromophenol
Concen: 160.110 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF130240.D
Acq: 14 Sep 2022 15:20

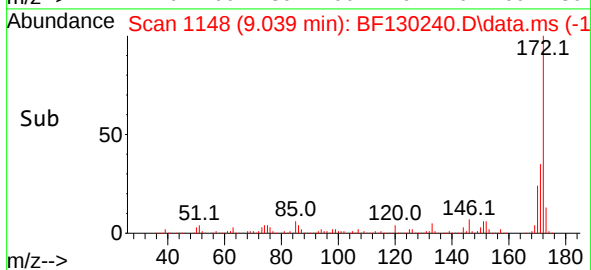
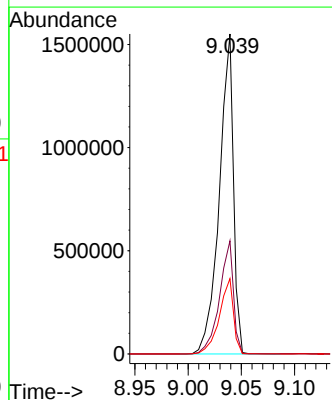
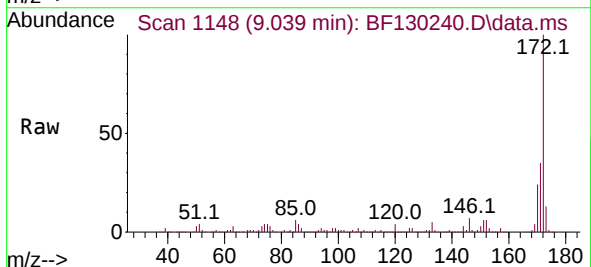
Instrument :
BNA_F
ClientSampleId :
PB147612BL

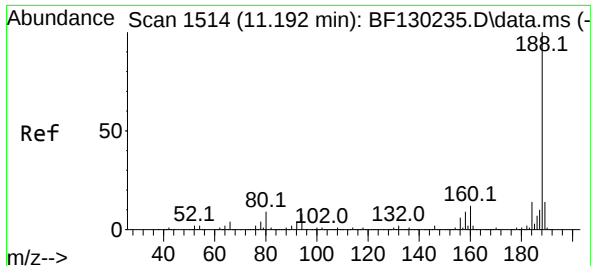
Tgt Ion:330 Resp: 359009
Ion Ratio Lower Upper
330 100
332 104.0 83.4 125.2
141 38.3 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 89.077 ng
RT: 9.039 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130240.D
Acq: 14 Sep 2022 15:20

Tgt Ion:172 Resp: 1431473
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 18.7 28.1

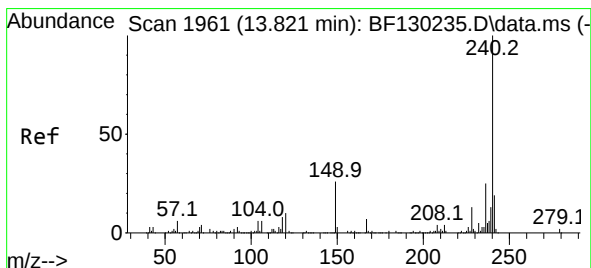
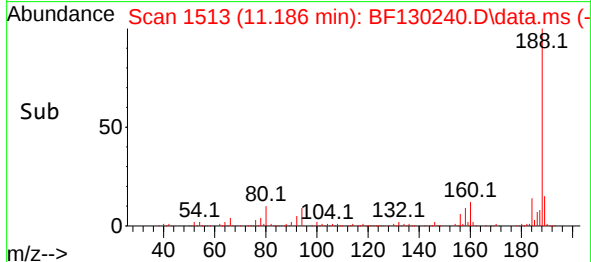
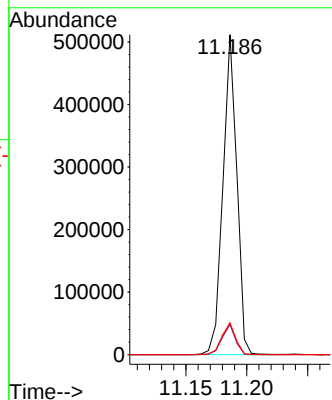
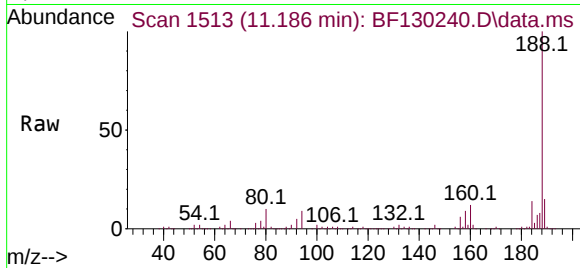




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130240.D
Acq: 14 Sep 2022 15:20

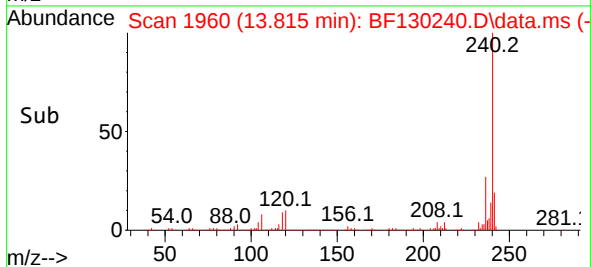
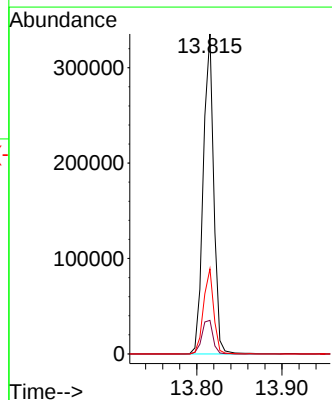
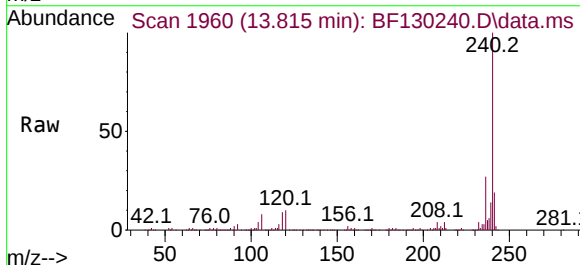
Instrument :
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ClientSampleId :
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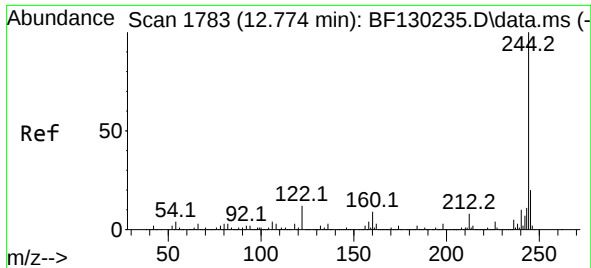
Tgt Ion:188 Resp: 404230
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.815 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BF130240.D
Acq: 14 Sep 2022 15:20

Tgt Ion:240 Resp: 285873
Ion Ratio Lower Upper
240 100
120 10.5 8.7 13.1
236 26.6 20.9 31.3

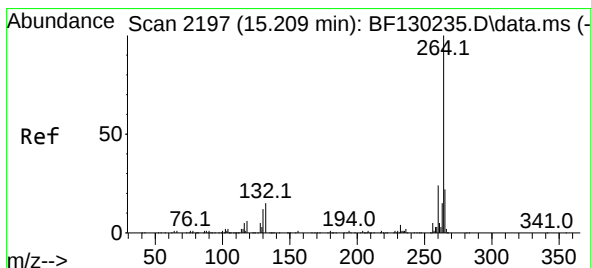
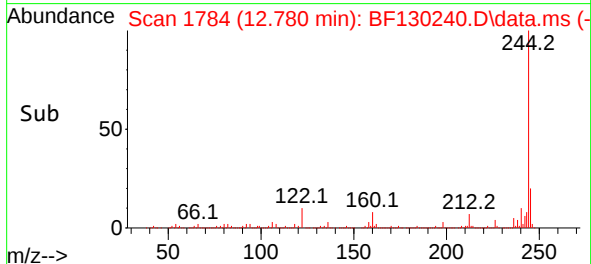
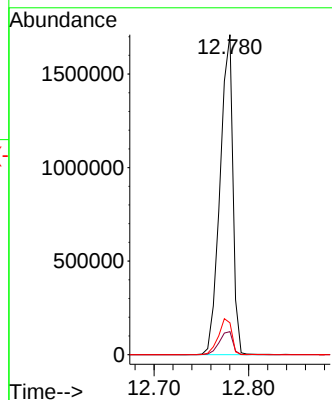
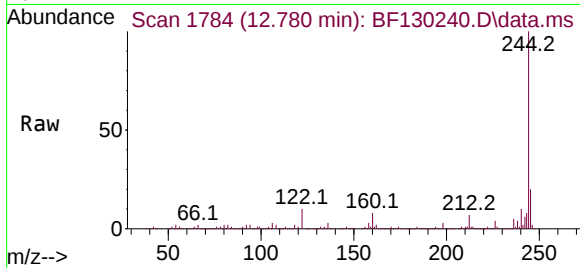




#79
 Terphenyl-d14
 Concen: 93.044 ng
 RT: 12.780 min Scan# 1784
 Delta R.T. 0.006 min
 Lab File: BF130240.D
 Acq: 14 Sep 2022 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PB147612BL

Tgt Ion:244 Resp: 1605726
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 9.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.209 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: BF130240.D
 Acq: 14 Sep 2022 15:20

Tgt Ion:264 Resp: 215993
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.3 28.9
 265 20.9 17.0 25.4

