

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF134007.D
 Acq On : 28 Jun 2023 01:37
 Operator : CG\JU
 Sample : PB153608TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153608TB

Quant Time: Jun 28 02:30:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	117835	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	411889	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	171393	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	303359	20.000	ng	0.00
76) Chrysene-d12	14.045	240	198845	20.000	ng	0.00
86) Perylene-d12	15.551	264	149936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	939958	133.435	ng	0.02
7) Phenol-d6	6.492	99	1097460	126.682	ng	0.00
23) Nitrobenzene-d5	7.416	82	721776	94.461	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	239597	111.496	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1195027	101.372	ng	0.00
79) Terphenyl-d14	12.986	244	1237490	100.160	ng	0.00

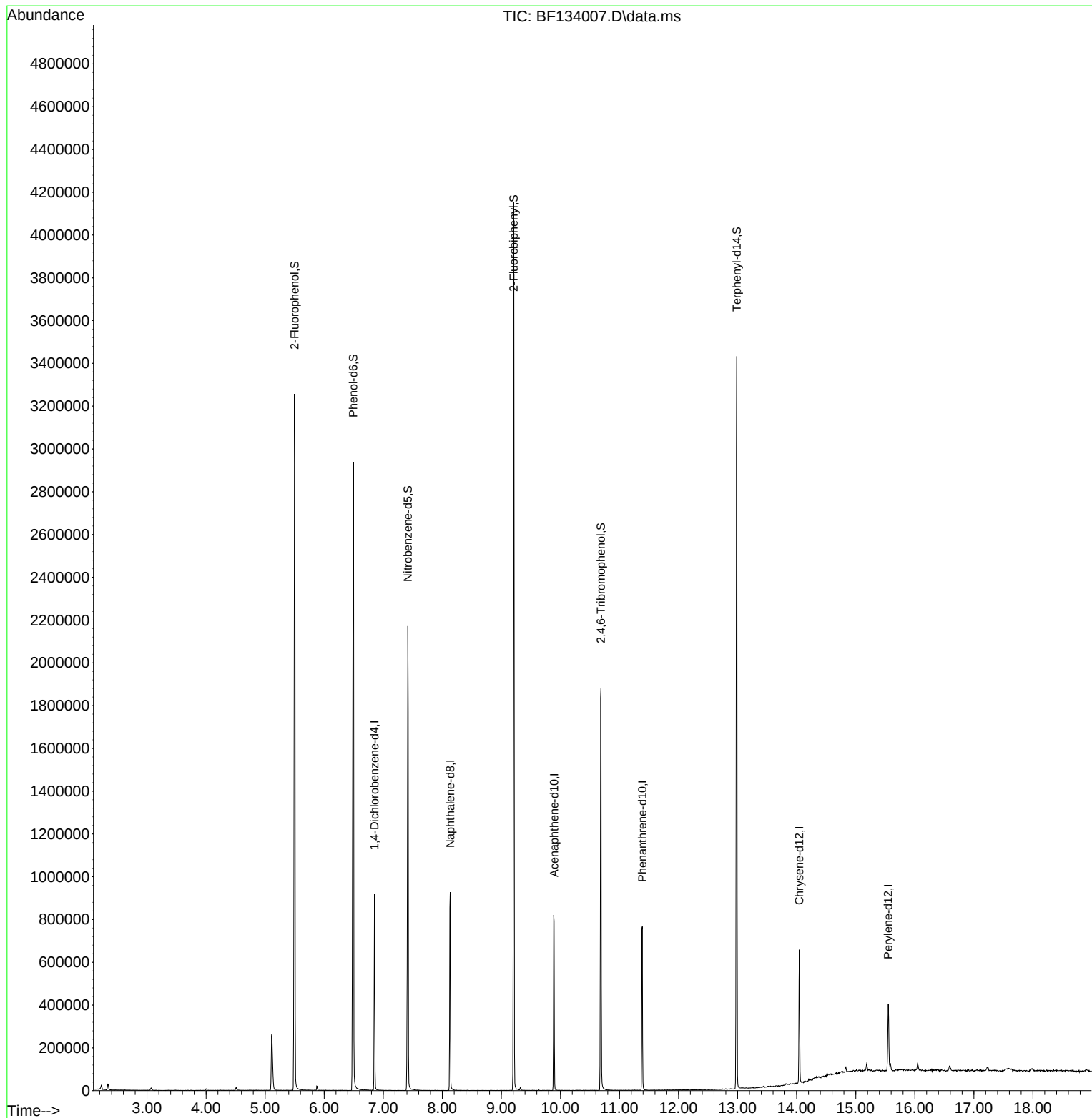
Target Compounds	Qvalue

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

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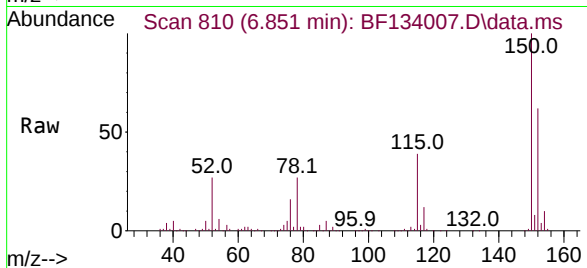
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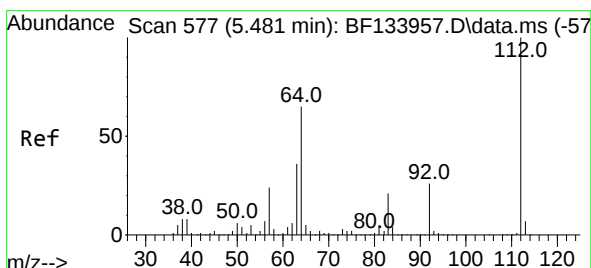
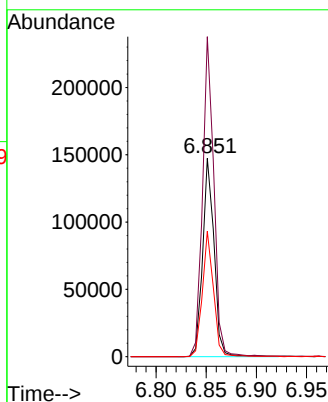
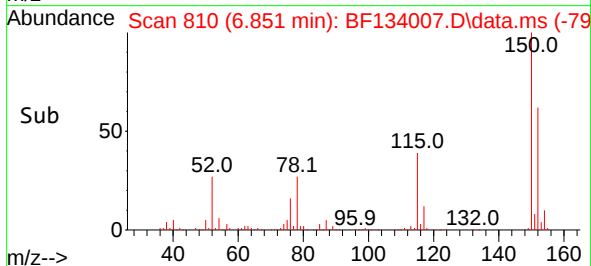


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

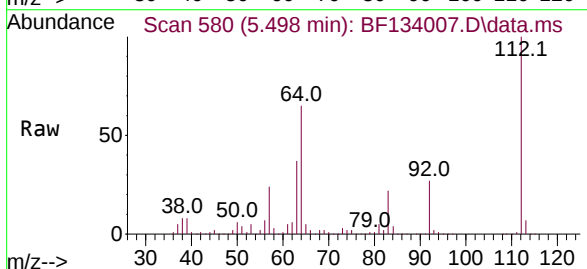
Instrument :
BNA_F
ClientSampleId :
PB153608TB



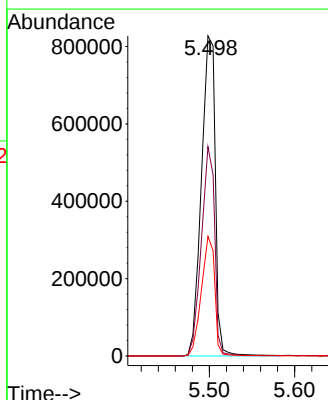
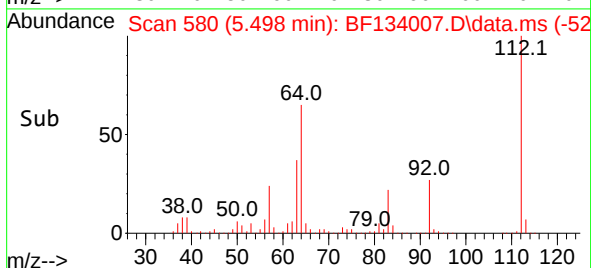
Tgt Ion:152 Resp: 117835
Ion Ratio Lower Upper
152 100
150 161.2 124.5 186.7
115 63.2 50.2 75.2



#5
2-Fluorophenol
Concen: 133.435 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37



Tgt Ion:112 Resp: 939958
Ion Ratio Lower Upper
112 100
64 65.4 52.1 78.1
63 37.3 28.6 42.8

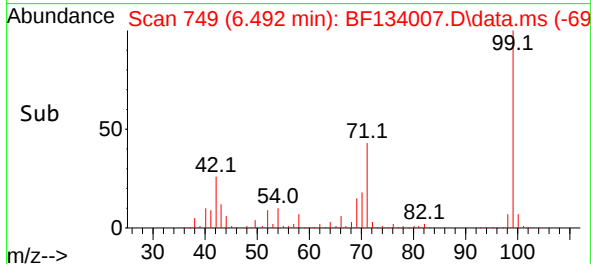
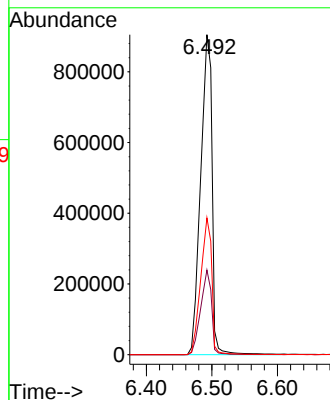
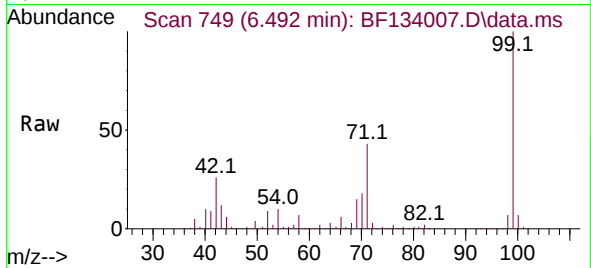




#7
Phenol-d6
Concen: 126.682 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

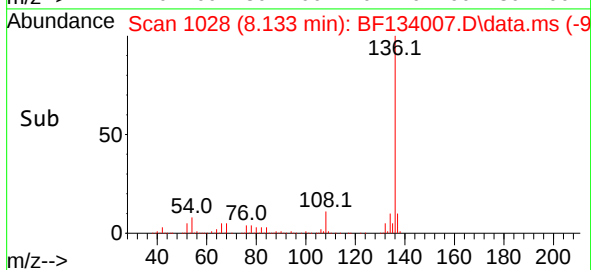
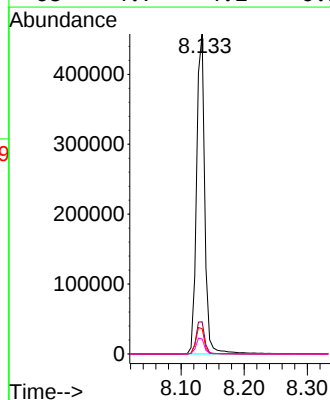
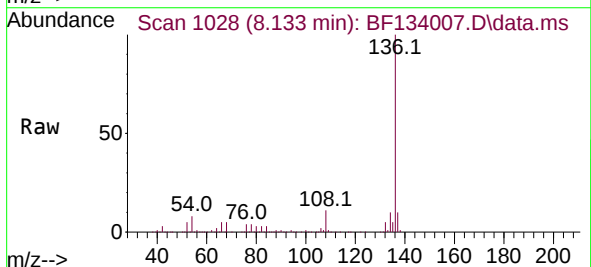
Instrument :
BNA_F
ClientSampleId :
PB153608TB

Tgt Ion: 99 Resp: 1097460
Ion Ratio Lower Upper
99 100
42 26.4 19.8 29.6
71 42.7 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

Tgt Ion:136 Resp: 411889
Ion Ratio Lower Upper
136 100
137 10.0 8.6 12.8
54 7.9 6.5 9.7
68 4.7 4.2 6.2

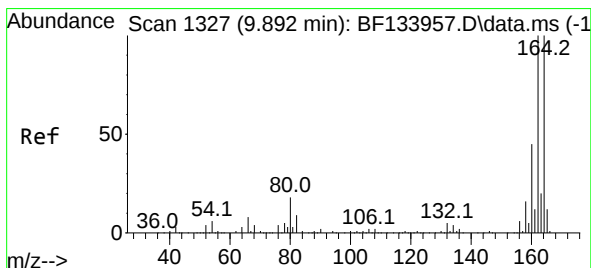
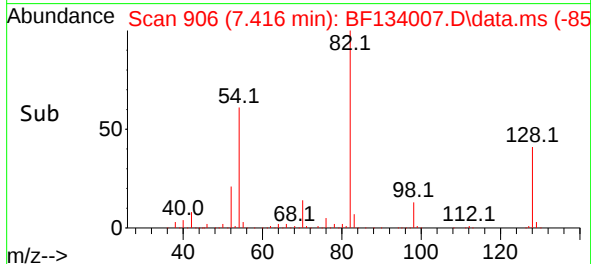
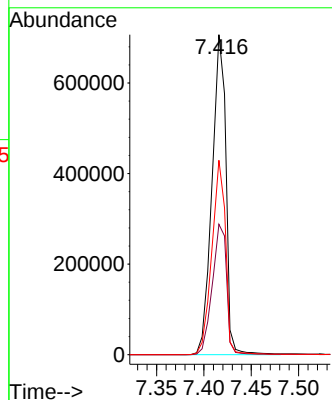
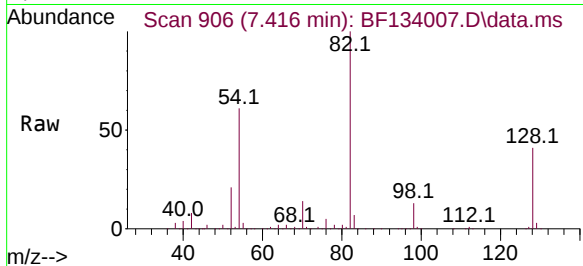




#23
Nitrobenzene-d5
Concen: 94.461 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

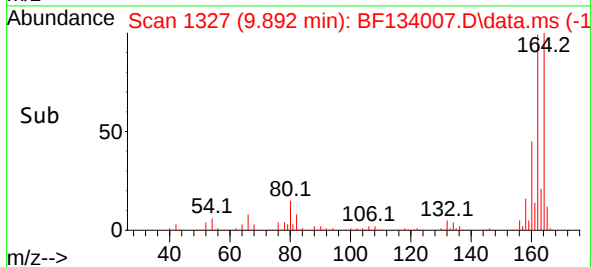
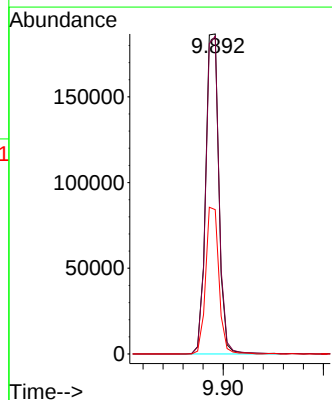
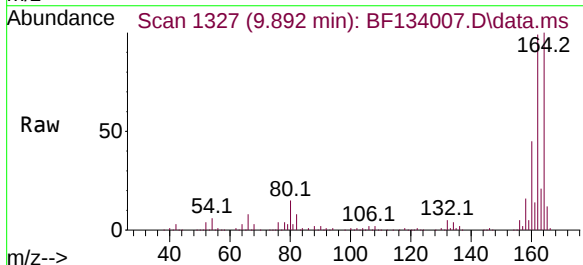
Instrument :
BNA_F
ClientSampleId :
PB153608TB

Tgt Ion: 82 Resp: 721776
Ion Ratio Lower Upper
82 100
128 40.8 32.5 48.7
54 60.7 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

Tgt Ion:164 Resp: 171393
Ion Ratio Lower Upper
164 100
162 99.3 80.0 120.0
160 45.1 35.9 53.9

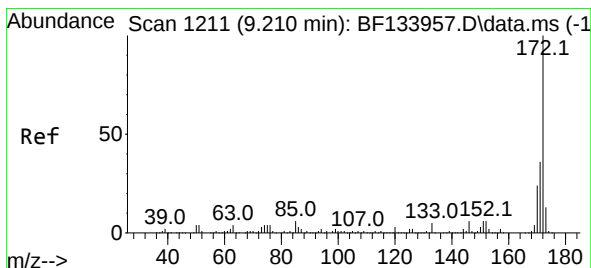
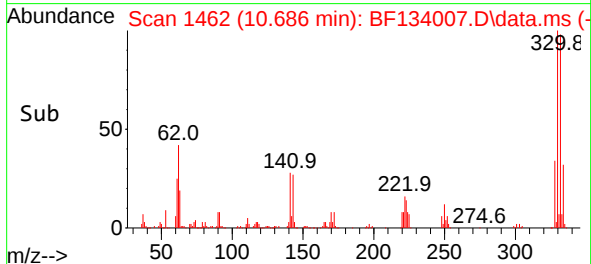
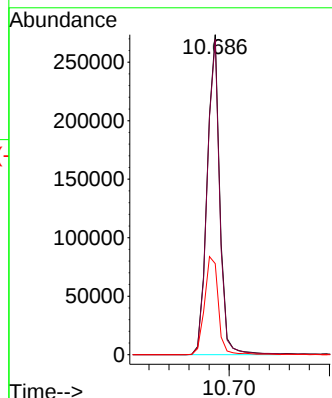
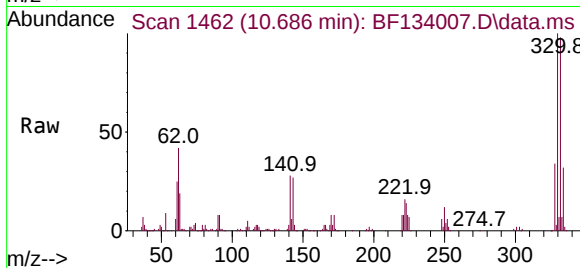




#42
2,4,6-Tribromophenol
Concen: 111.496 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

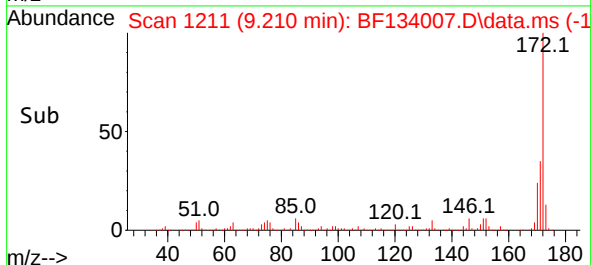
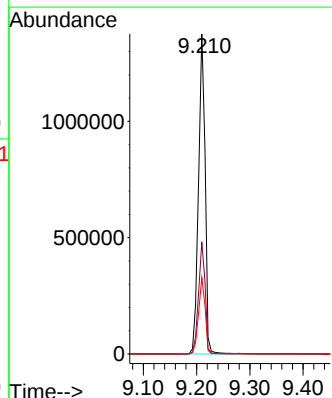
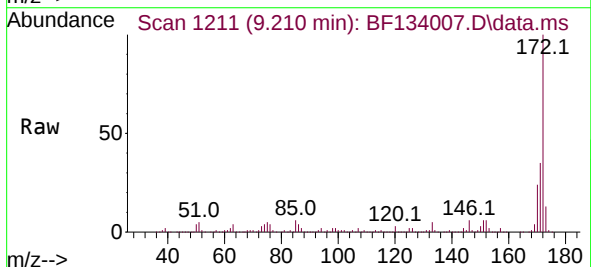
Instrument :
BNA_F
ClientSampleId :
PB153608TB

Tgt Ion:330 Resp: 239597
Ion Ratio Lower Upper
330 100
332 98.3 77.0 115.6
141 33.6 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 101.372 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

Tgt Ion:172 Resp: 1195027
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.9 19.4 29.0

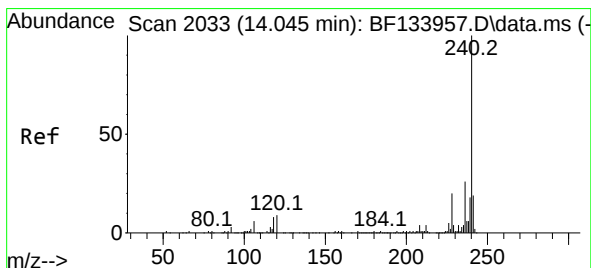
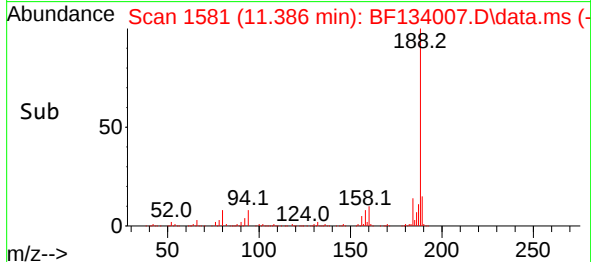
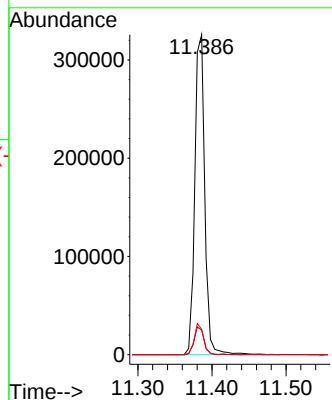
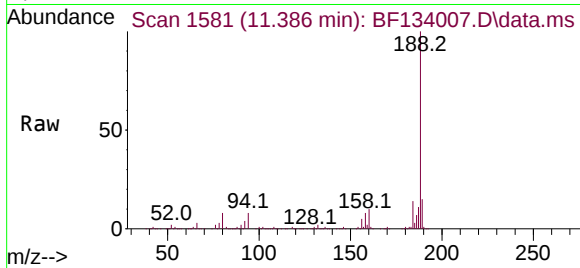




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

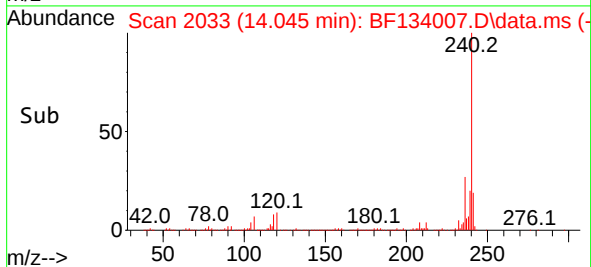
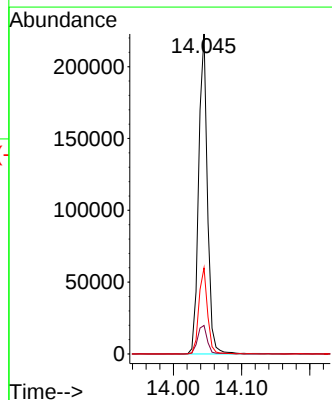
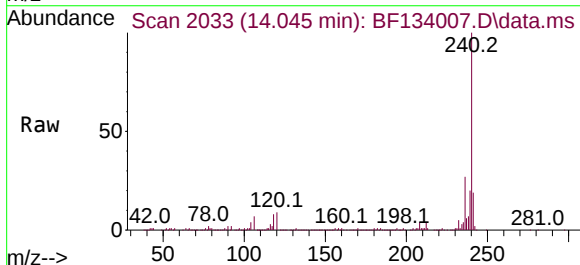
Instrument :
BNA_F
ClientSampleId :
PB153608TB

Tgt Ion:188 Resp: 303359
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 7.9 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF134007.D
Acq: 28 Jun 2023 01:37

Tgt Ion:240 Resp: 198845
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 26.9 21.0 31.6

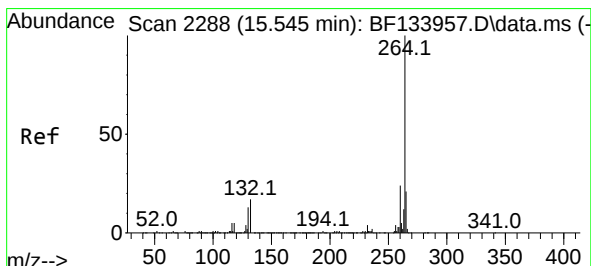
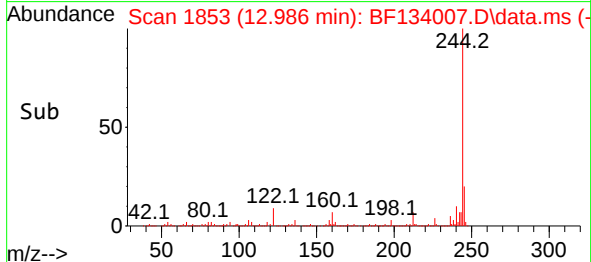
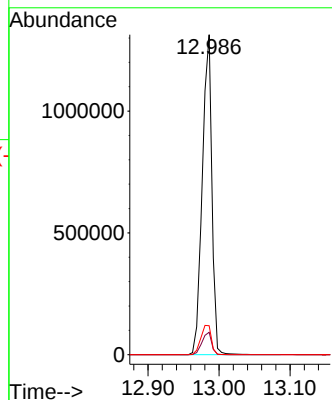
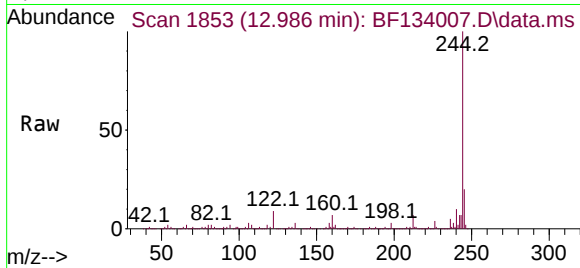




#79
 Terphenyl-d14
 Concen: 100.160 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF134007.D
 Acq: 28 Jun 2023 01:37

Instrument :
 BNA_F
 ClientSampleId :
 PB153608TB

Tgt Ion:244 Resp: 1237490
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF134007.D
 Acq: 28 Jun 2023 01:37

Tgt Ion:264 Resp: 149936
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.5 29.3
 265 22.6 16.6 25.0

