

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134112.D
 Acq On : 06 Jul 2023 23:38
 Operator : CG\JU
 Sample : 03492-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TB-TP2

Quant Time: Jul 07 01:34:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	106352	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	401478	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	197934	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	391653	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	262254	20.000	ng	-0.02
86) Perylene-d12	15.539	264	224195	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	836704	131.602	ng	0.01
7) Phenol-d6	6.487	99	951536	121.697	ng	0.00
23) Nitrobenzene-d5	7.410	82	741763	99.595	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	381626	153.776	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1338467	98.315	ng	0.00
79) Terphenyl-d14	12.980	244	1578824	96.890	ng	0.00

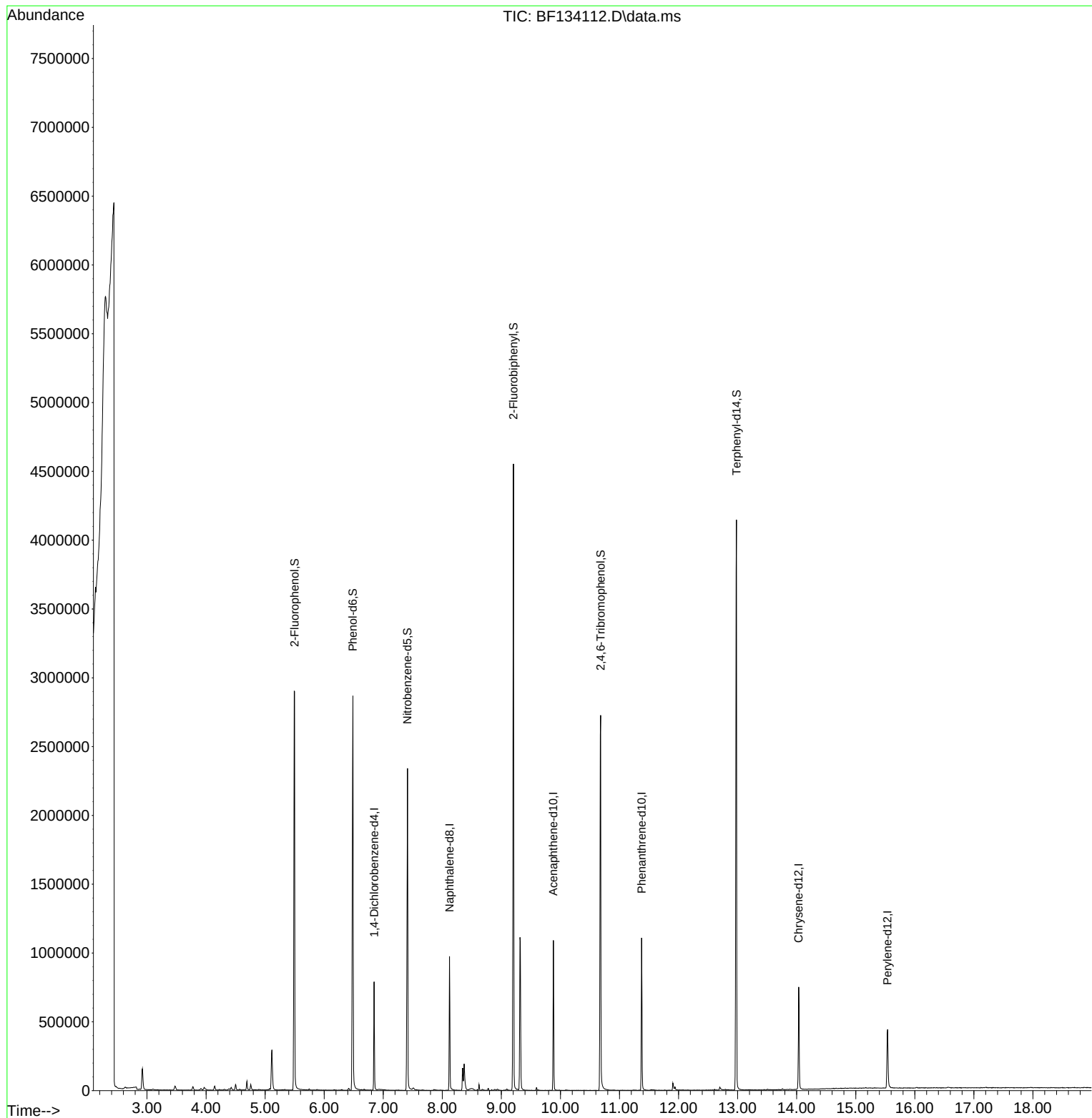
Target Compounds	Qvalue

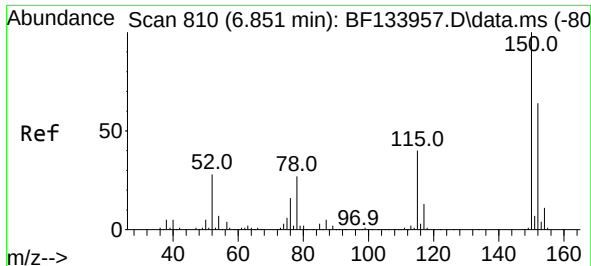
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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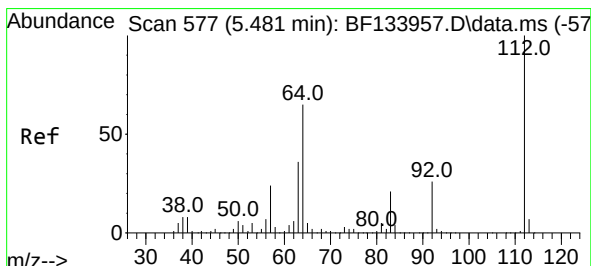
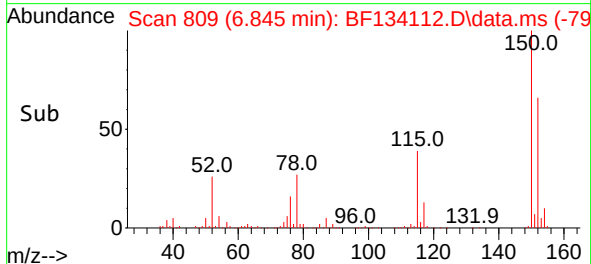
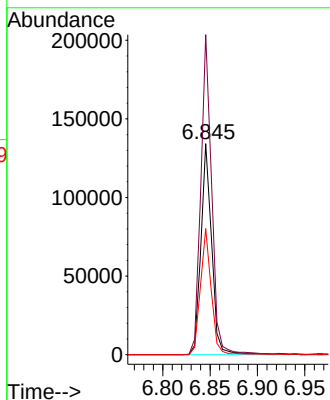
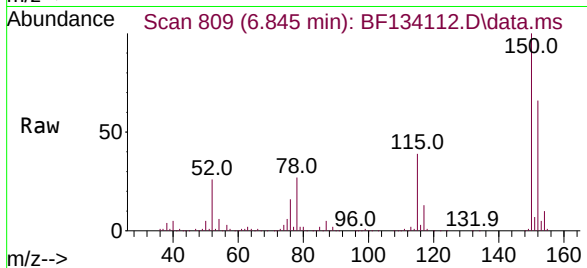




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

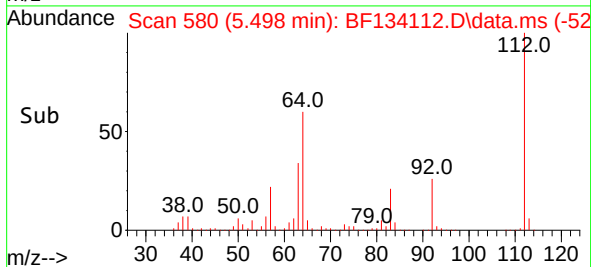
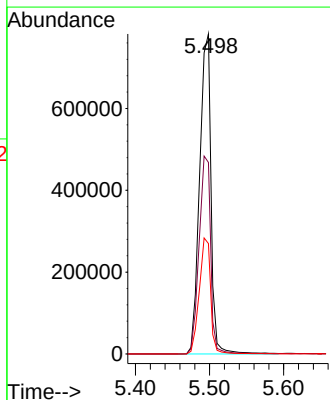
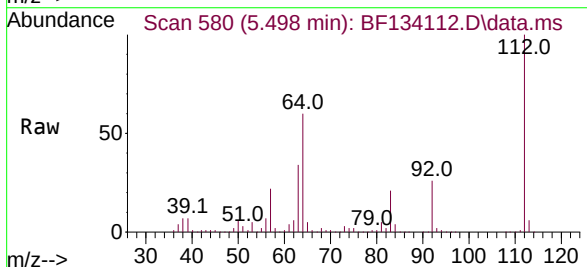
Instrument :
BNA_F
ClientSampleId :
TB-TP2

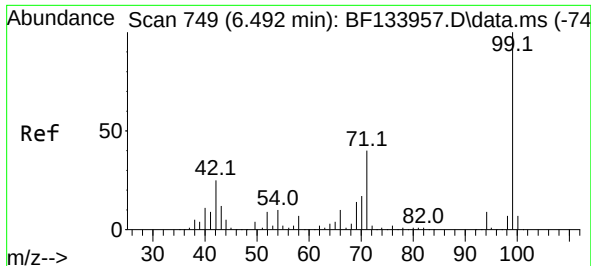
Tgt Ion:152 Resp: 106352
Ion Ratio Lower Upper
152 100
150 151.6 124.5 186.7
115 59.7 50.2 75.2



#5
2-Fluorophenol
Concen: 131.602 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

Tgt Ion:112 Resp: 836704
Ion Ratio Lower Upper
112 100
64 59.9 52.1 78.1
63 34.5 28.6 42.8

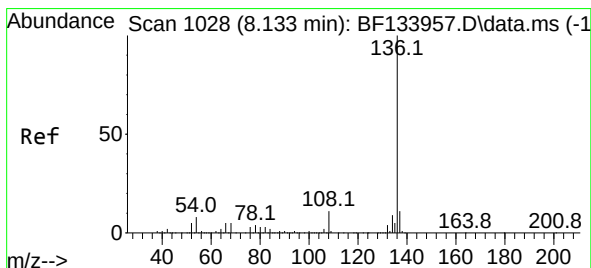
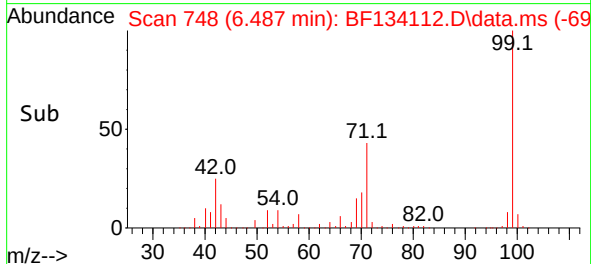
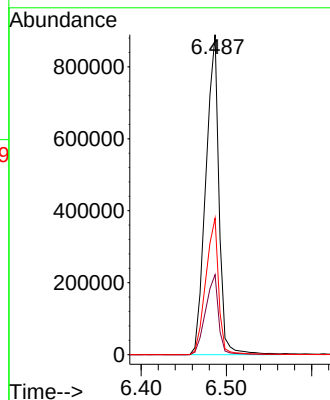
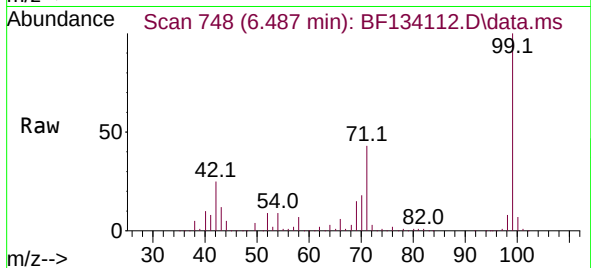




#7
Phenol-d6
Concen: 121.697 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

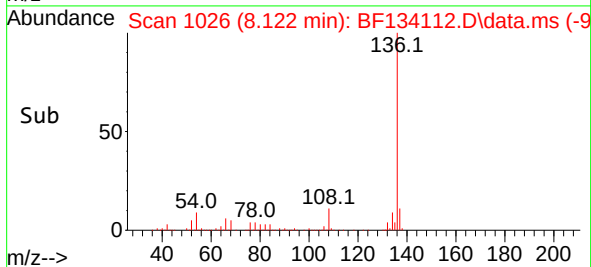
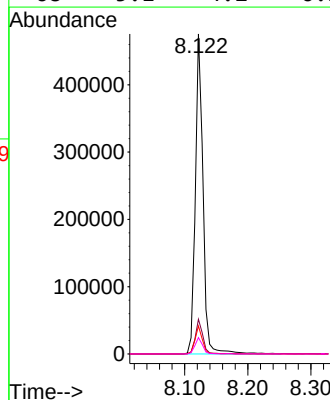
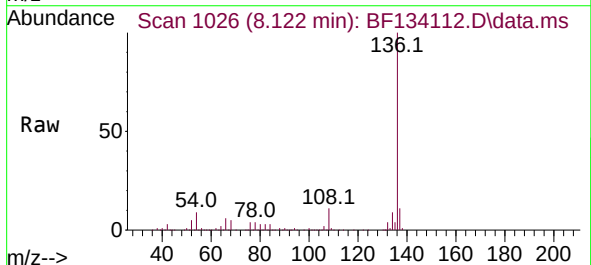
Instrument :
BNA_F
ClientSampleId :
TB-TP2

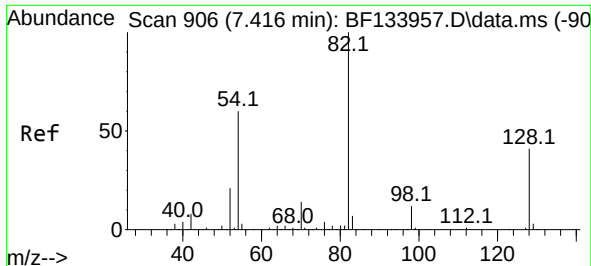
Tgt Ion: 99 Resp: 951536
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.6
71 42.6 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

Tgt Ion: 136 Resp: 401478
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.8 6.5 9.7
68 5.1 4.2 6.2

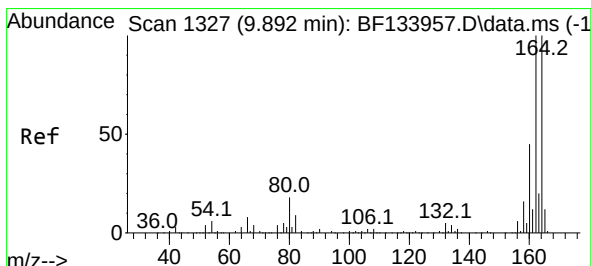
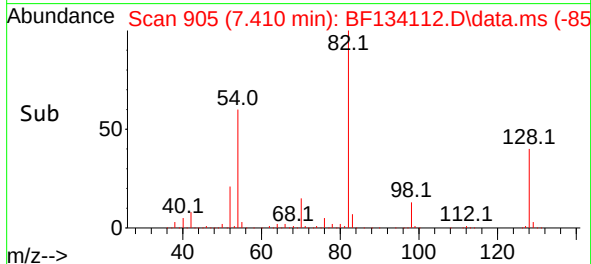
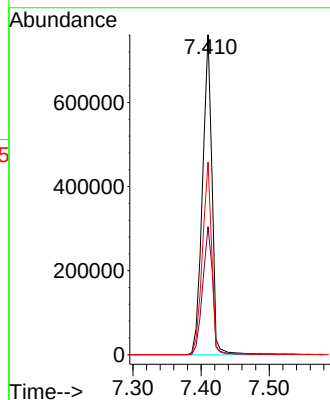
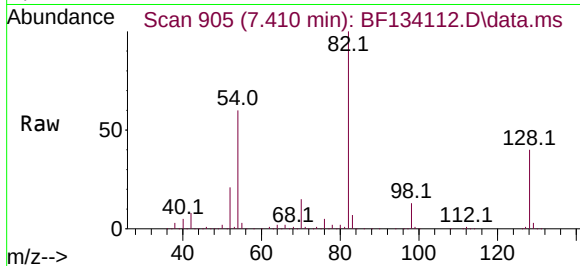




#23
 Nitrobenzene-d5
 Concen: 99.595 ng
 RT: 7.410 min Scan# 906
 Delta R.T. -0.012 min
 Lab File: BF134112.D
 Acq: 06 Jul 2023 23:38

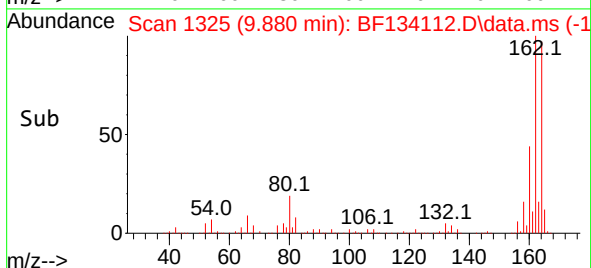
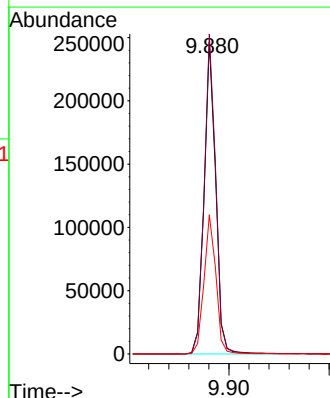
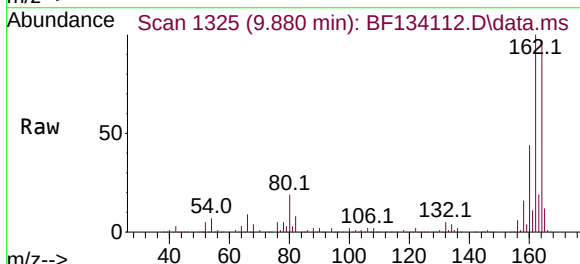
Instrument :
 BNA_F
 ClientSampleId :
 TB-TP2

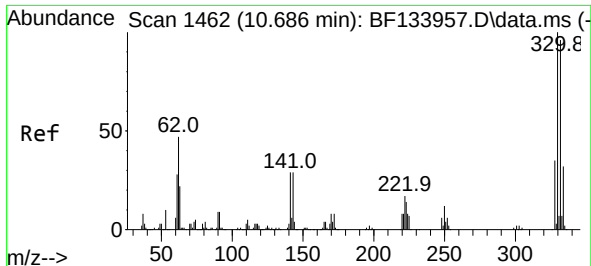
Tgt Ion: 82 Resp: 741763
 Ion Ratio Lower Upper
 82 100
 128 40.0 32.5 48.7
 54 60.2 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.880 min Scan# 1325
 Delta R.T. -0.012 min
 Lab File: BF134112.D
 Acq: 06 Jul 2023 23:38

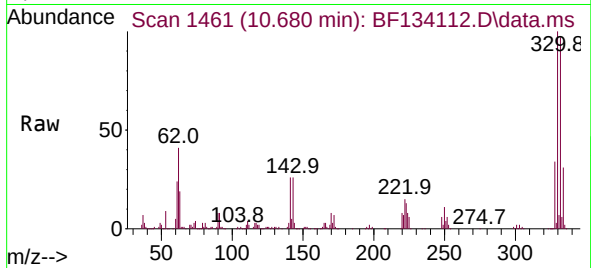
Tgt Ion:164 Resp: 197934
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.0 120.0
 160 44.6 35.9 53.9



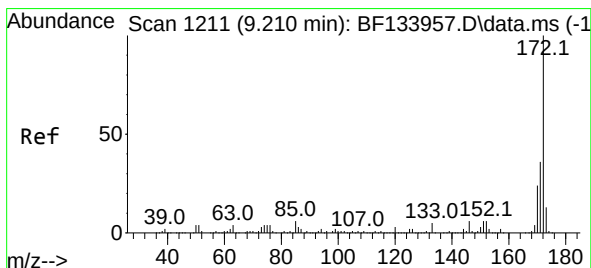
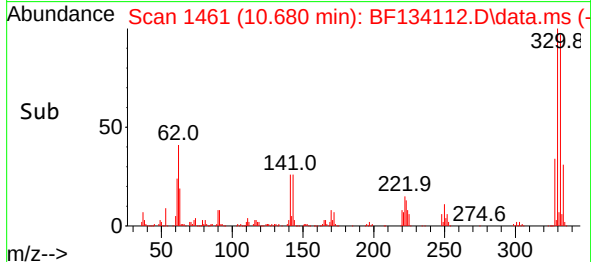
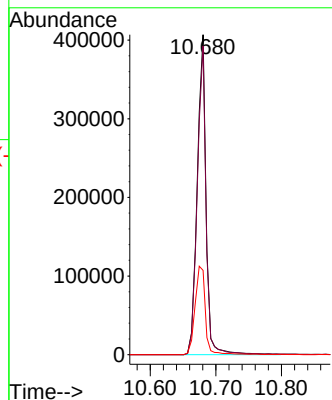


#42
2,4,6-Tribromophenol
Concen: 153.776 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

Instrument :
BNA_F
ClientSampleId :
TB-TP2

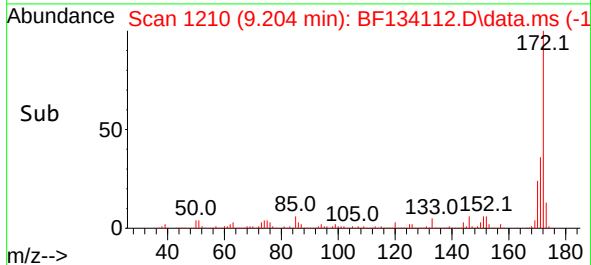
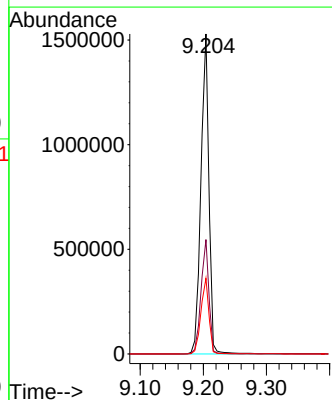
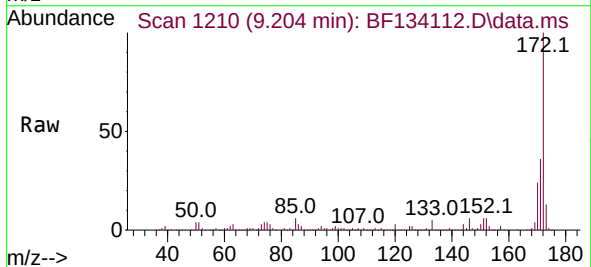


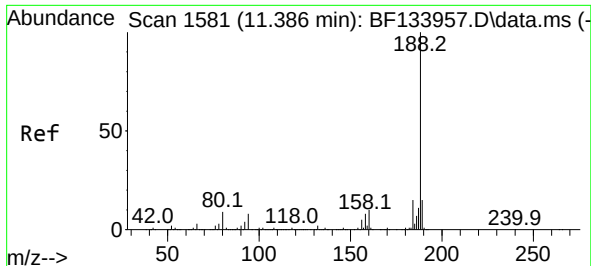
Tgt Ion: 330 Resp: 381626
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 32.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 98.315 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

Tgt Ion: 172 Resp: 1338467
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.7 19.4 29.0

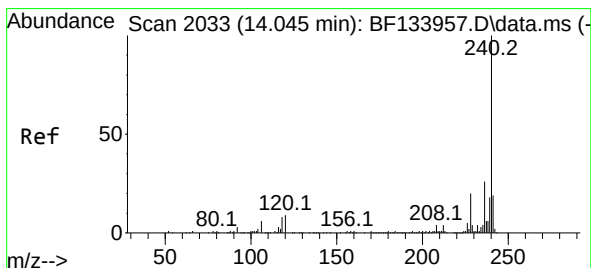
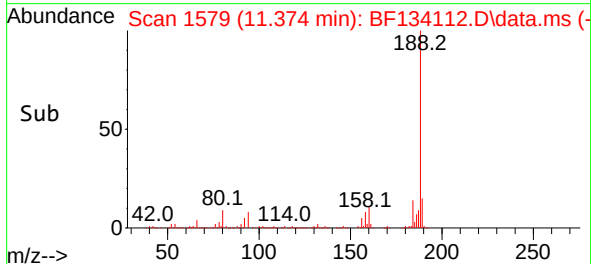
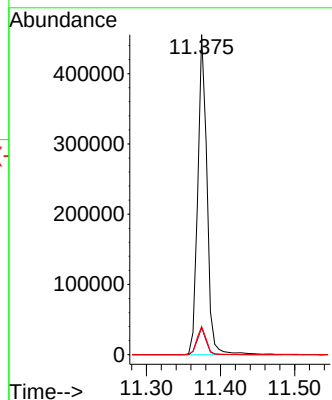
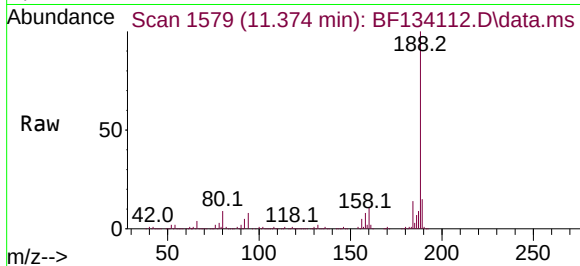




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

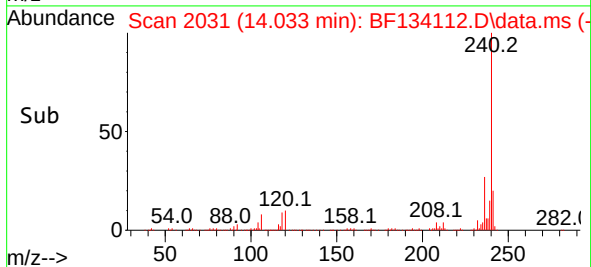
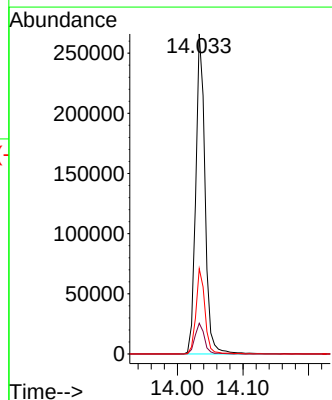
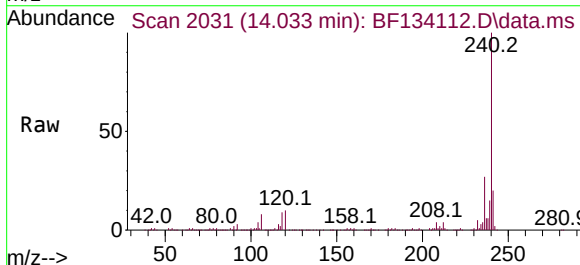
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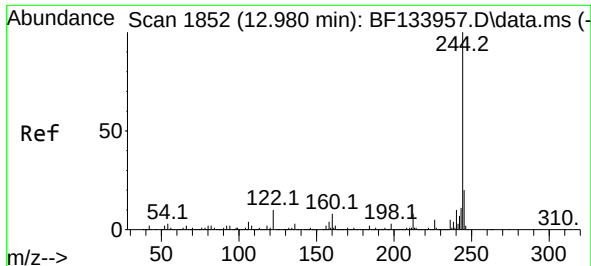
Tgt Ion:188 Resp: 391653
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 8.8 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134112.D
Acq: 06 Jul 2023 23:38

Tgt Ion:240 Resp: 262254
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 26.6 21.0 31.6

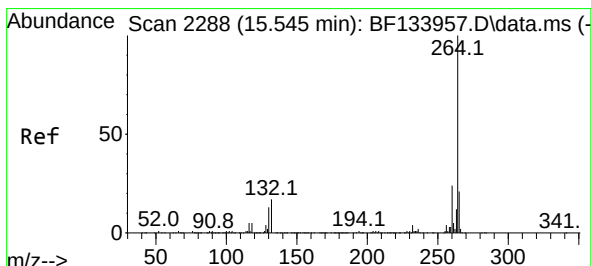
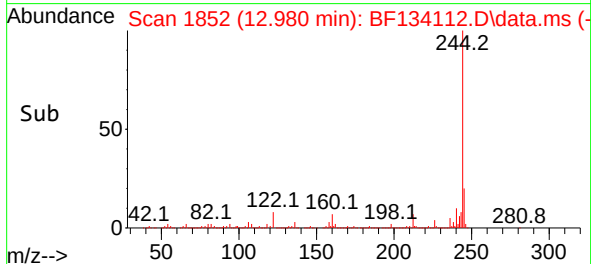
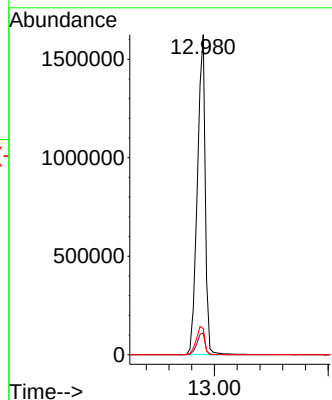
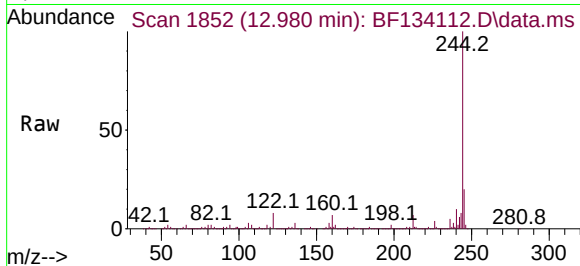




#79
 Terphenyl-d14
 Concen: 96.890 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134112.D
 Acq: 06 Jul 2023 23:38

Instrument :
 BNA_F
 ClientSampleId :
 TB-TP2

Tgt Ion:244 Resp: 1578824
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.2 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134112.D
 Acq: 06 Jul 2023 23:38

Tgt Ion:264 Resp: 224195
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 20.7 16.6 25.0

