

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134239.D
 Acq On : 12 Jul 2023 10:36
 Operator : CG\JU
 Sample : PB154118BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154118BL

Quant Time: Jul 12 13:11:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	108802	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	426171	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	224182	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	457327	20.000	ng	0.00
76) Chrysene-d12	14.039	240	283058	20.000	ng	0.00
86) Perylene-d12	15.551	264	222529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	829736	127.567	ng	0.02
7) Phenol-d6	6.493	99	993634	124.220	ng	0.00
23) Nitrobenzene-d5	7.410	82	698566	88.360	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	370268	131.731	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1321866	85.727	ng	0.00
79) Terphenyl-d14	12.980	244	1624323	92.356	ng	0.00

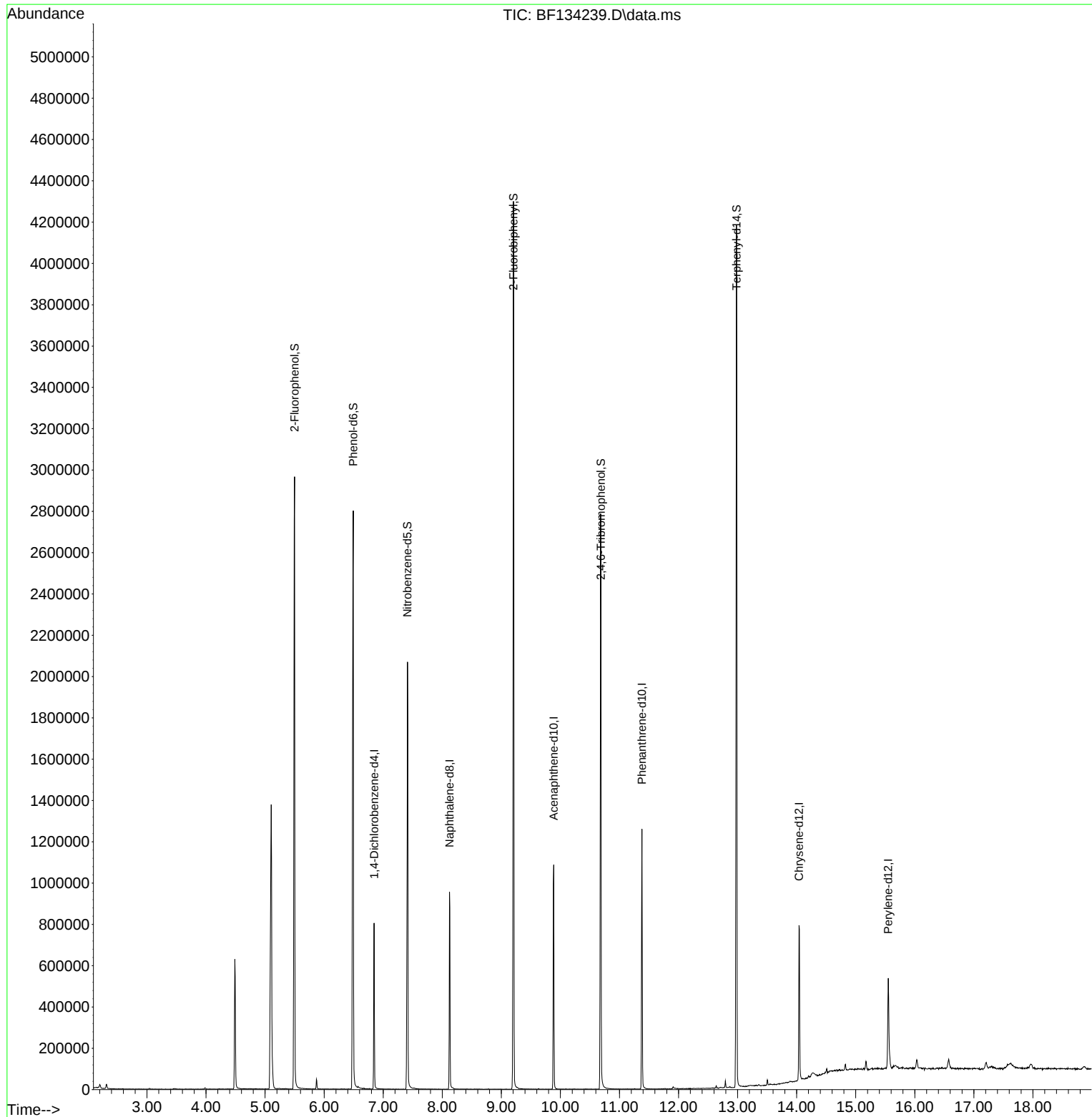
Target Compounds	Qvalue

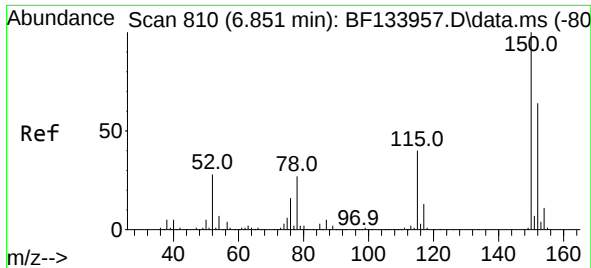
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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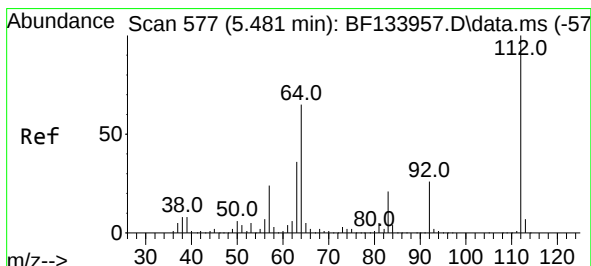
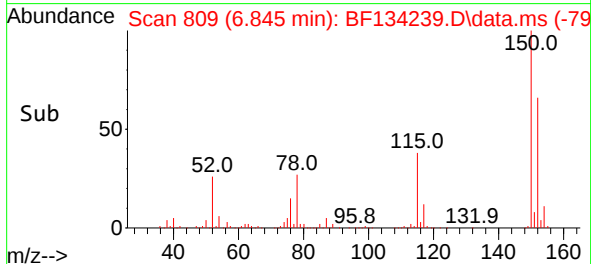
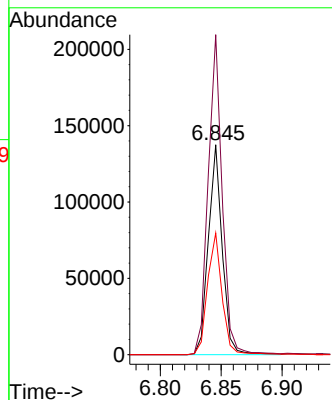
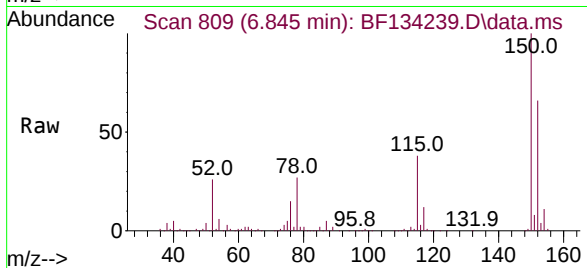




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

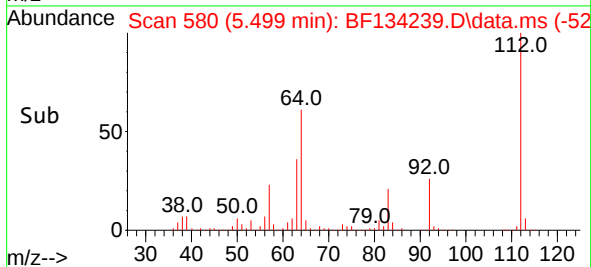
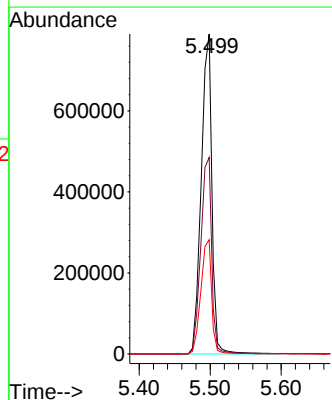
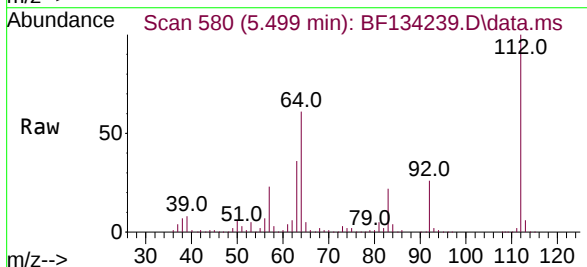
Instrument :
BNA_F
ClientSampleId :
PB154118BL

Tgt Ion:152 Resp: 108802
Ion Ratio Lower Upper
152 100
150 152.5 124.5 186.7
115 58.0 50.2 75.2



#5
2-Fluorophenol
Concen: 127.567 ng
RT: 5.499 min Scan# 580
Delta R.T. 0.024 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

Tgt Ion:112 Resp: 829736
Ion Ratio Lower Upper
112 100
64 61.4 52.1 78.1
63 35.7 28.6 42.8

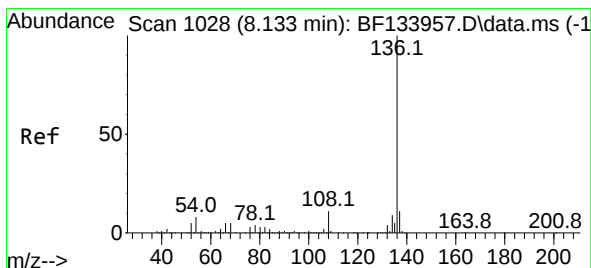
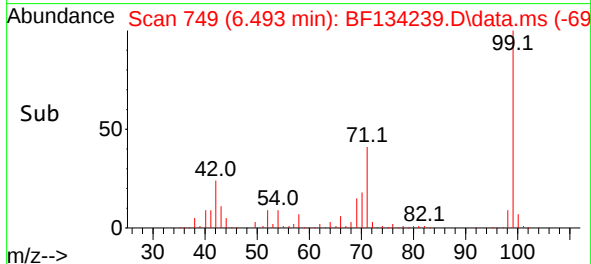
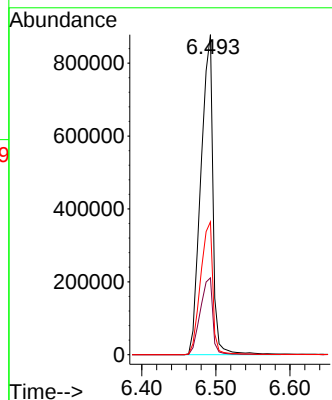
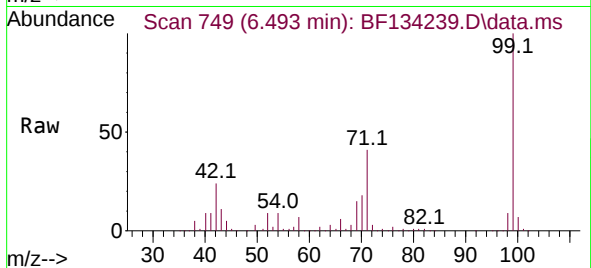




#7
Phenol-d6
Concen: 124.220 ng
RT: 6.493 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

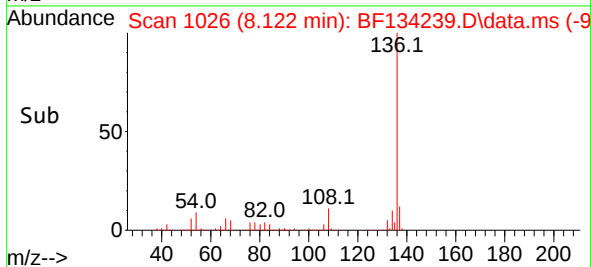
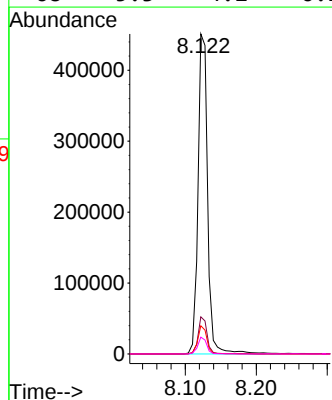
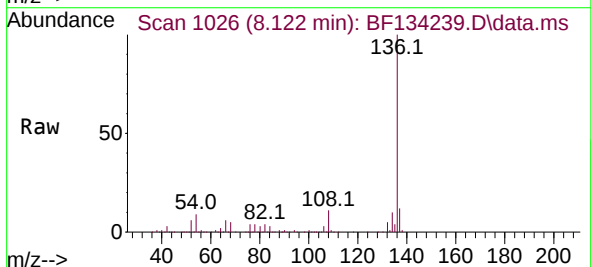
Instrument :
BNA_F
ClientSampleId :
PB154118BL

Tgt Ion: 99 Resp: 993634
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 41.5 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

Tgt Ion:136 Resp: 426171
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 8.8 6.5 9.7
68 5.3 4.2 6.2

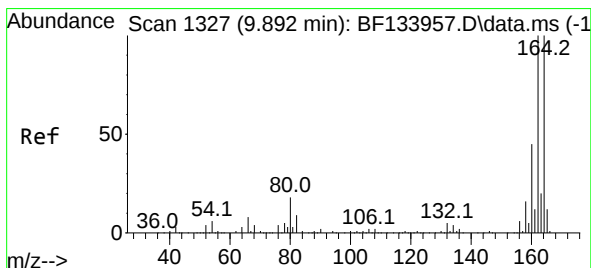
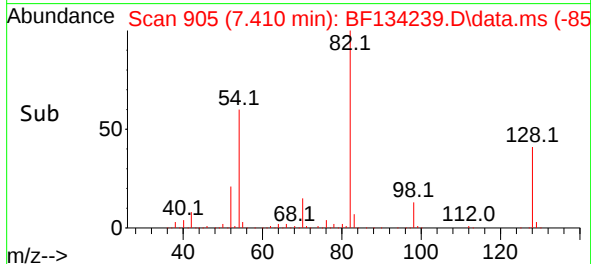
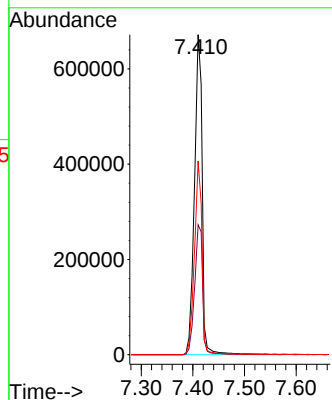
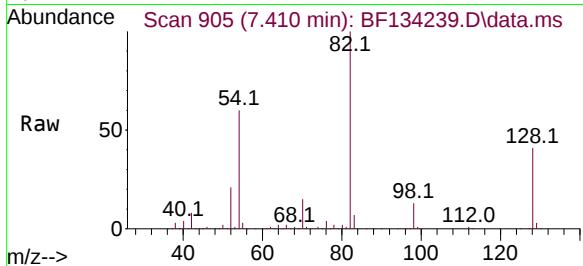




#23
 Nitrobenzene-d5
 Concen: 88.360 ng
 RT: 7.410 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: BF134239.D
 Acq: 12 Jul 2023 10:36

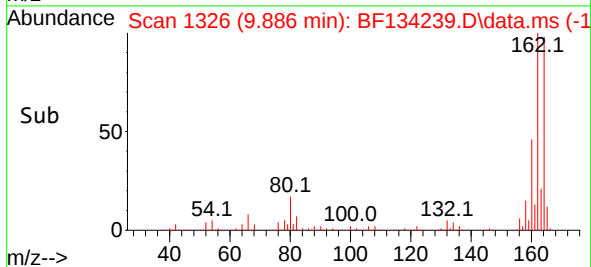
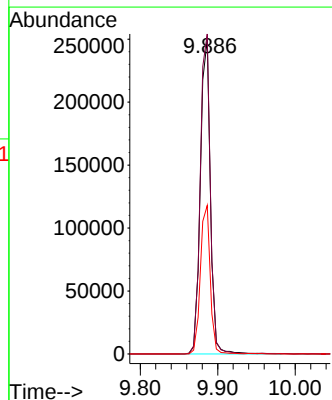
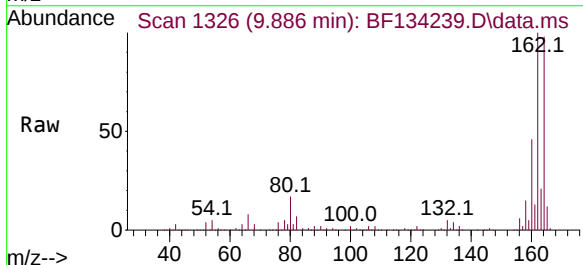
Instrument :
 BNA_F
 ClientSampleId :
 PB154118BL

Tgt Ion: 82 Resp: 698566
 Ion Ratio Lower Upper
 82 100
 128 40.6 32.5 48.7
 54 60.5 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1326
 Delta R.T. 0.000 min
 Lab File: BF134239.D
 Acq: 12 Jul 2023 10:36

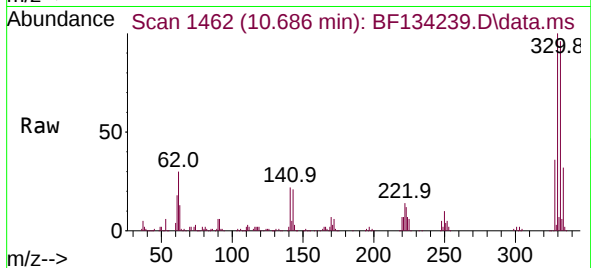
Tgt Ion:164 Resp: 224182
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.0 120.0
 160 47.3 35.9 53.9



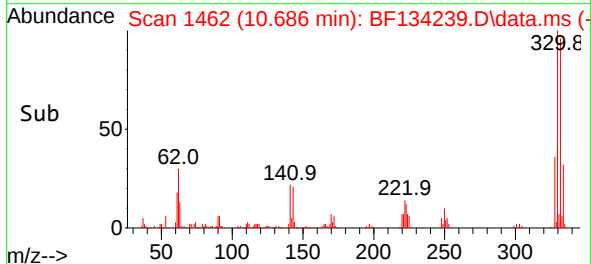
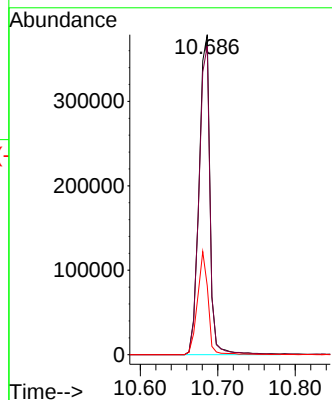


#42
2,4,6-Tribromophenol
Concen: 131.731 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

Instrument :
BNA_F
ClientSampleId :
PB154118BL

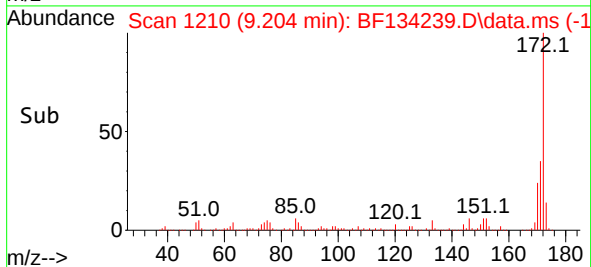
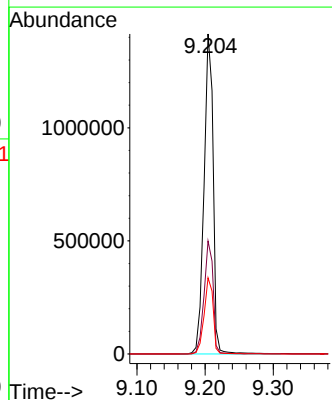
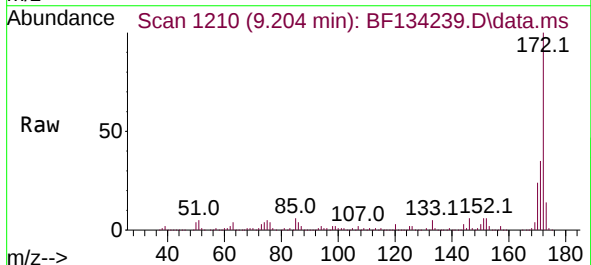


Tgt Ion:330 Resp: 370268
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 31.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 85.727 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

Tgt Ion:172 Resp: 1321866
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.8 19.4 29.0

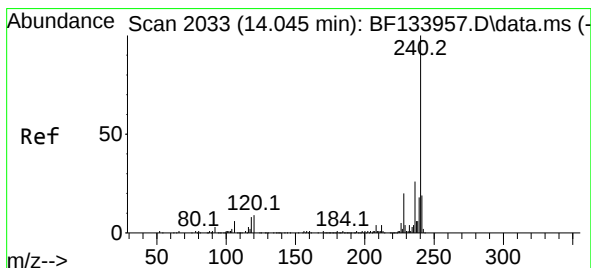
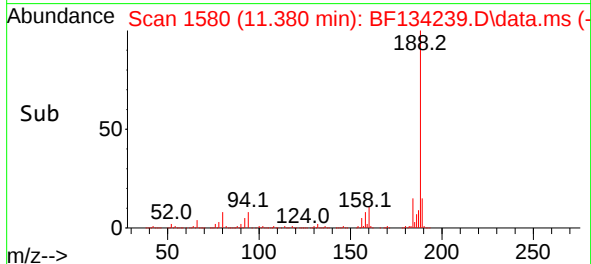
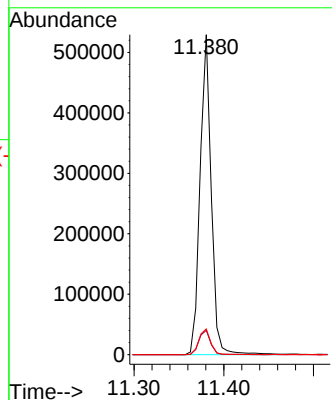
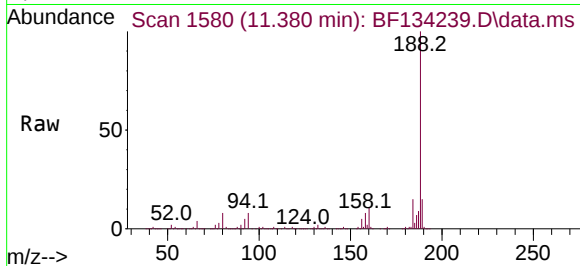




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

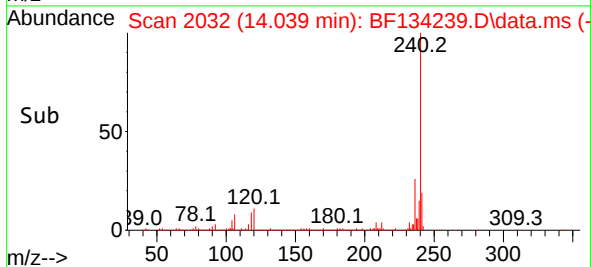
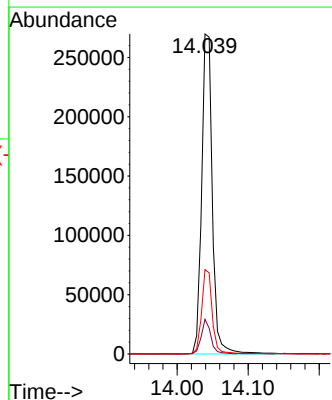
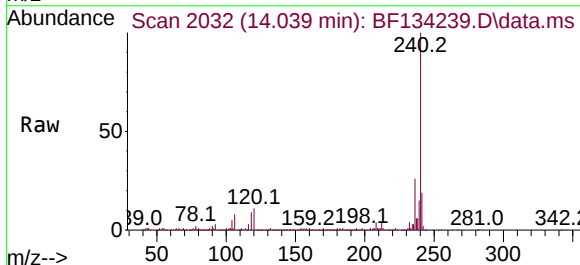
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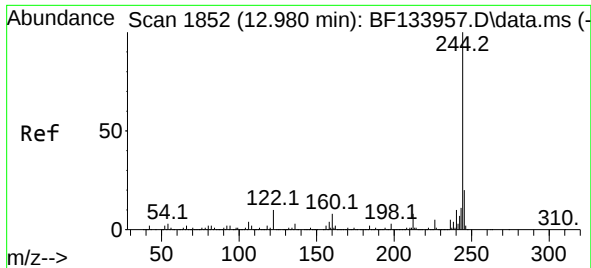
Tgt Ion:188 Resp: 457327
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 8.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134239.D
Acq: 12 Jul 2023 10:36

Tgt Ion:240 Resp: 283058
Ion Ratio Lower Upper
240 100
120 10.8 7.4 11.0
236 26.3 21.0 31.6

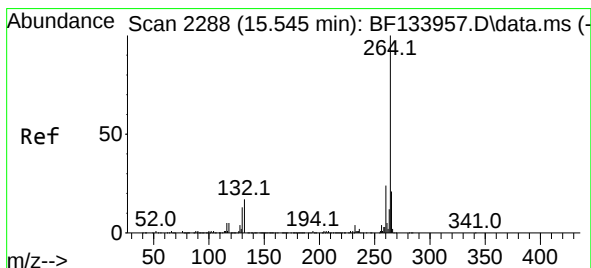
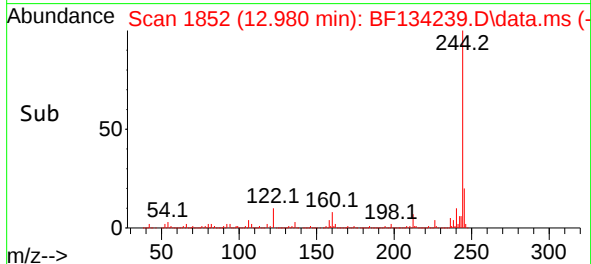
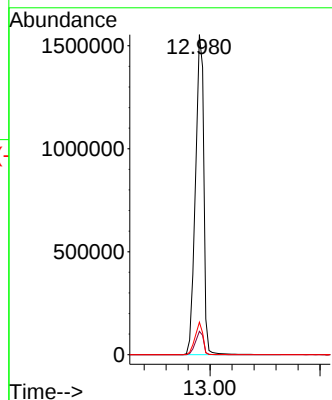
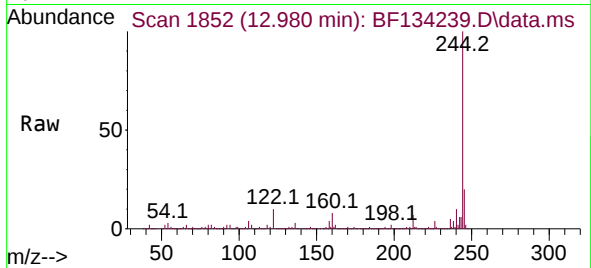




#79
 Terphenyl-d14
 Concen: 92.356 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF134239.D
 Acq: 12 Jul 2023 10:36

Instrument :
 BNA_F
 ClientSampleId :
 PB154118BL

Tgt Ion:244 Resp: 1624323
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.2 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: BF134239.D
 Acq: 12 Jul 2023 10:36

Tgt Ion:264 Resp: 222529
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.5 16.6 25.0

