

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134266.D
 Acq On : 13 Jul 2023 17:29
 Operator : CG\JU
 Sample : 03569-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL

Quant Time: Jul 13 18:15:57 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	6.839	152	80146	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	310273	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	152302	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	294259	20.000	ng	0.00
76) Chrysene-d12	14.033	240	221767	20.000	ng	0.00
86) Perylene-d12	15.539	264	206389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	477730	99.709	ng	0.00
7) Phenol-d6	6.481	99	571551	97.000	ng	0.00
23) Nitrobenzene-d5	7.404	82	384348	66.775	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	192356	100.733	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	737518	70.404	ng	0.00
79) Terphenyl-d14	12.968	244	882025	64.011	ng	0.00

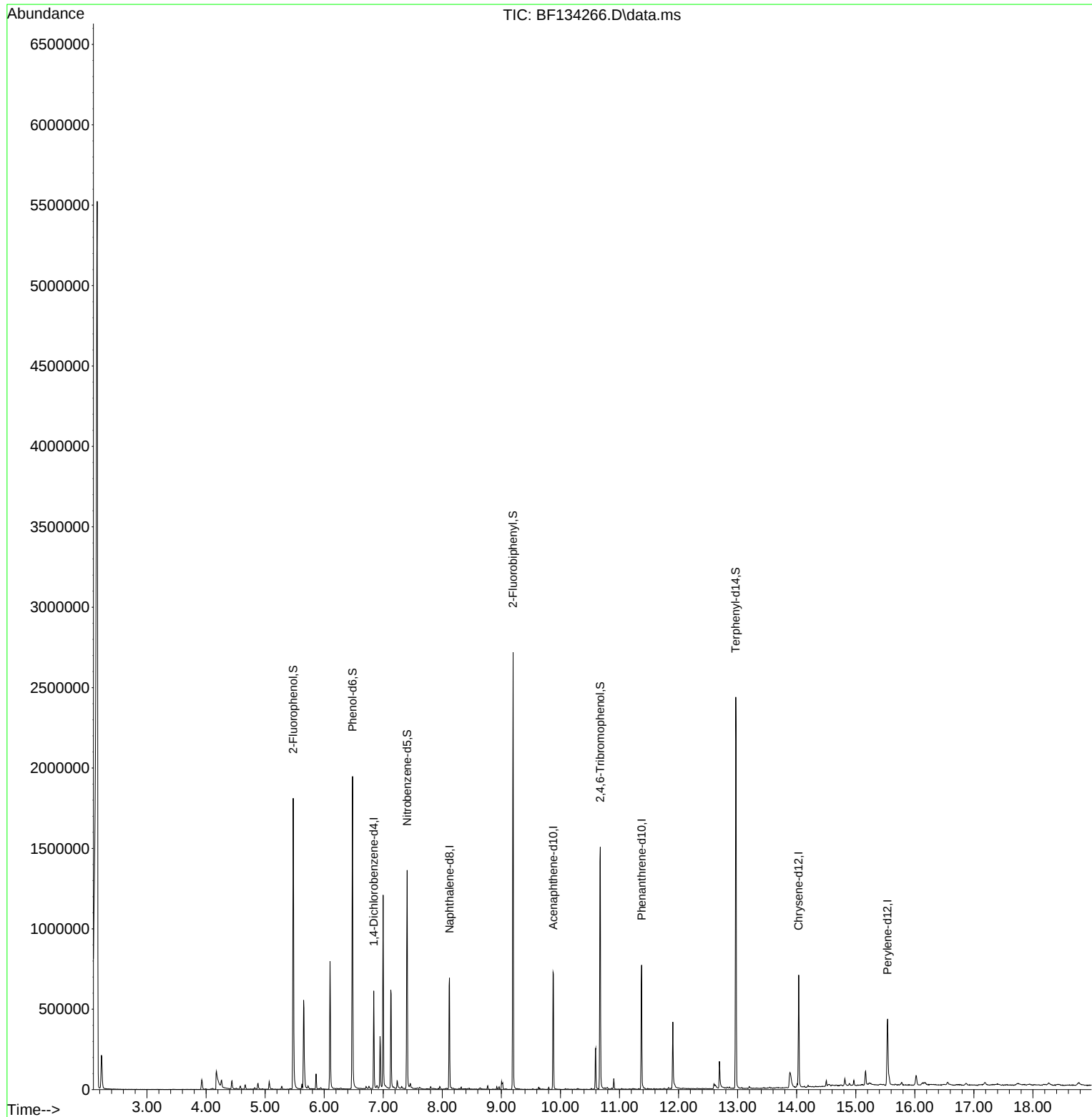
Target Compounds	Qvalue

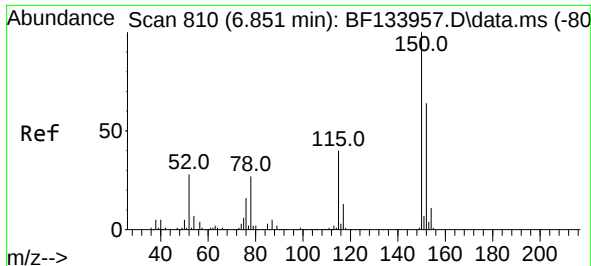
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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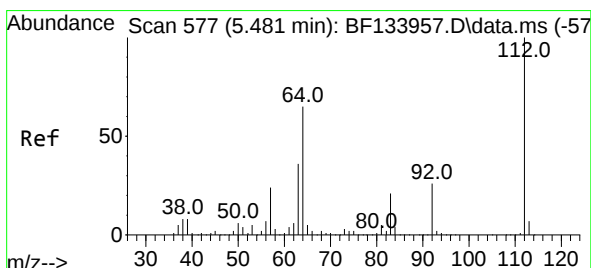
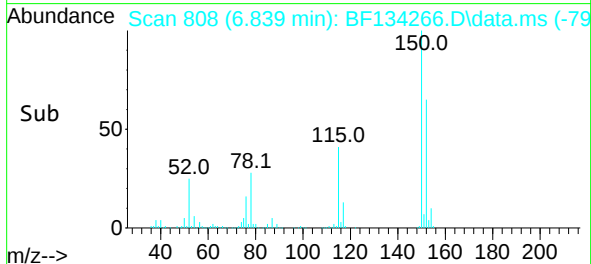
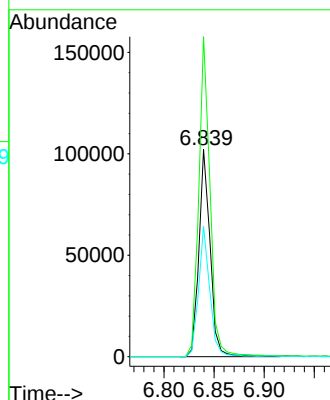
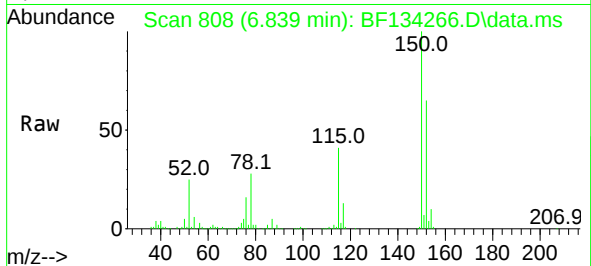




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134266.D
Acq: 13 Jul 2023 17:29

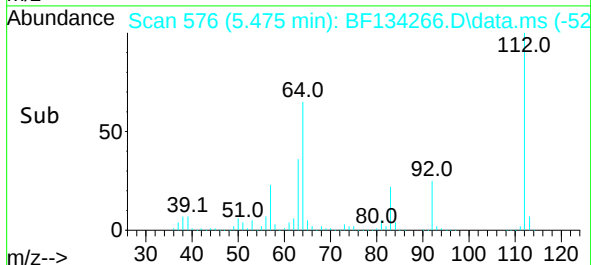
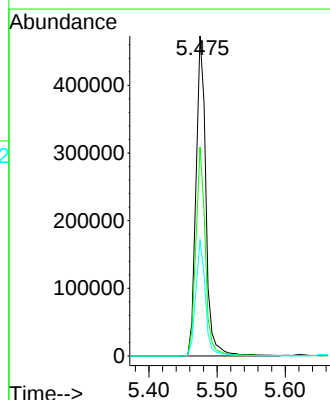
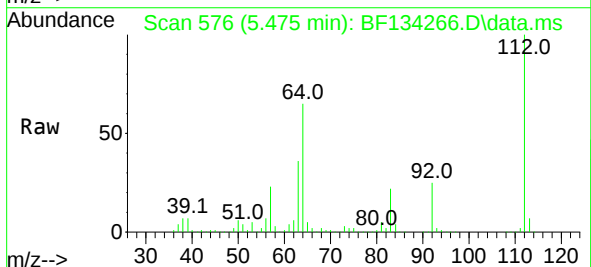
Instrument :
BNA_F
ClientSampleId :
WALL

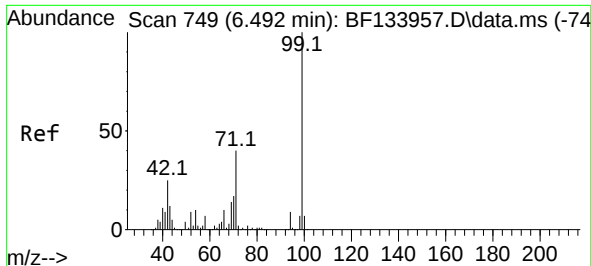
Tgt Ion:152 Resp: 80146
Ion Ratio Lower Upper
152 100
150 154.5 124.5 186.7
115 63.0 50.2 75.2



#5
2-Fluorophenol
Concen: 99.709 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF134266.D
Acq: 13 Jul 2023 17:29

Tgt Ion:112 Resp: 477730
Ion Ratio Lower Upper
112 100
64 65.3 52.1 78.1
63 36.0 28.6 42.8

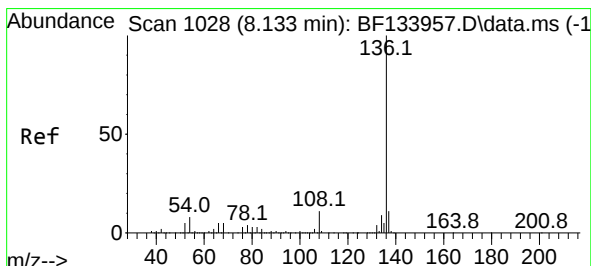
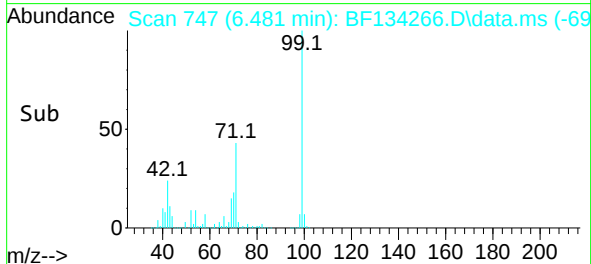
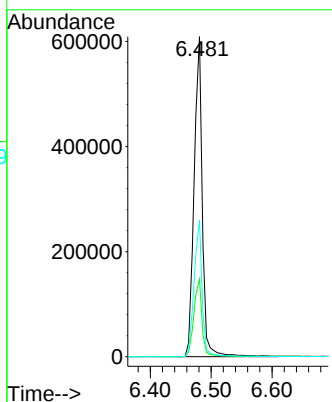
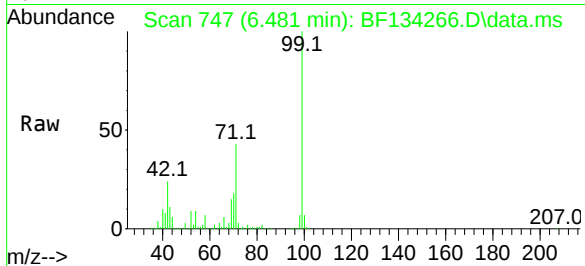




#7
Phenol-d6
Concen: 97.000 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134266.D
Acq: 13 Jul 2023 17:29

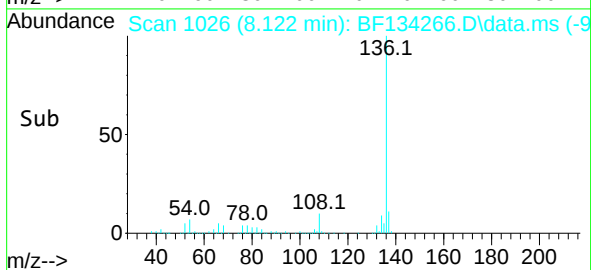
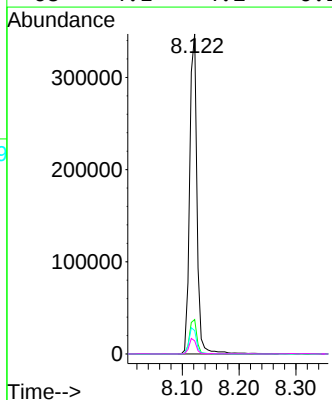
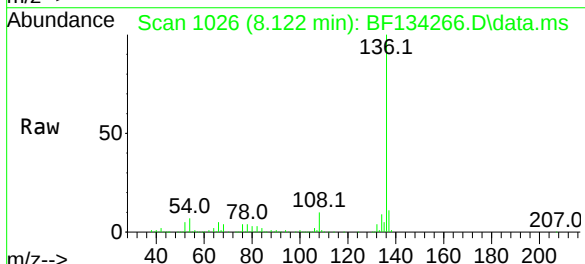
Instrument :
BNA_F
ClientSampleId :
WALL

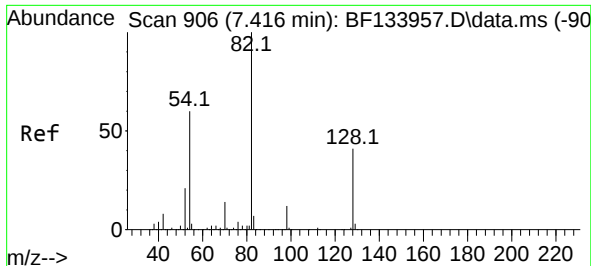
Tgt Ion: 99 Resp: 571551
Ion Ratio Lower Upper
99 100
42 24.2 19.8 29.6
71 42.7 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134266.D
Acq: 13 Jul 2023 17:29

Tgt Ion:136 Resp: 310273
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.3 6.5 9.7
68 4.1 4.2 6.2#

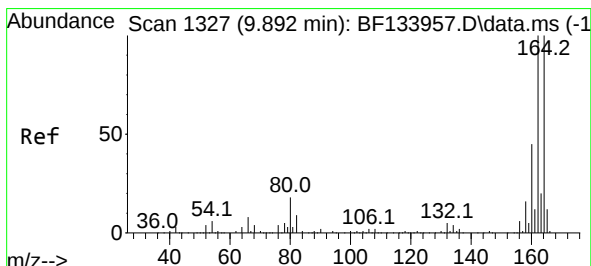
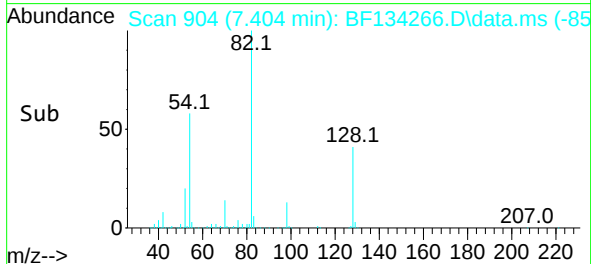
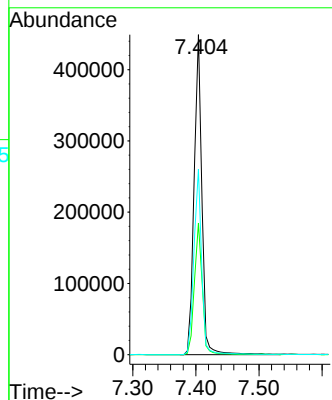
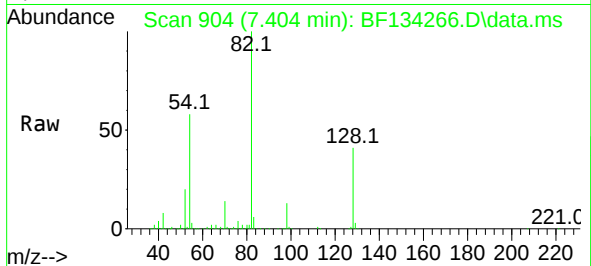




#23
 Nitrobenzene-d5
 Concen: 66.775 ng
 RT: 7.404 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: BF134266.D
 Acq: 13 Jul 2023 17:29

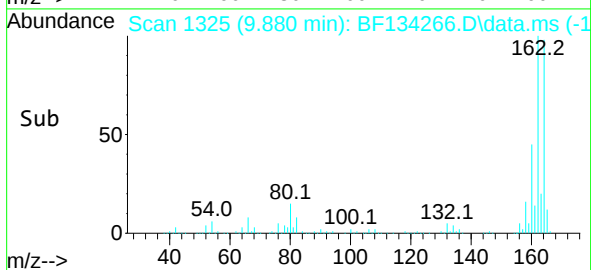
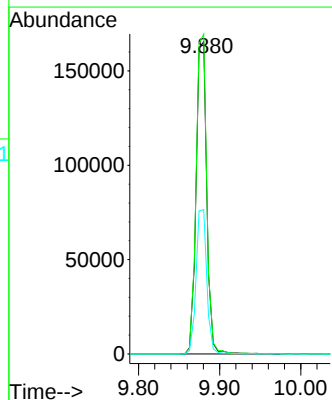
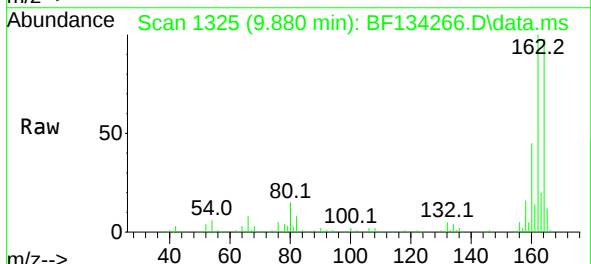
Instrument :
 BNA_F
 ClientSampleId :
 WALL

Tgt Ion: 82 Resp: 384348
 Ion Ratio Lower Upper
 82 100
 128 41.1 32.5 48.7
 54 57.9 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.880 min Scan# 1325
 Delta R.T. -0.006 min
 Lab File: BF134266.D
 Acq: 13 Jul 2023 17:29

Tgt Ion:164 Resp: 152302
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.0 120.0
 160 46.2 35.9 53.9

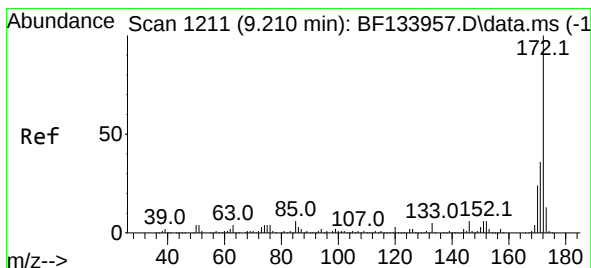
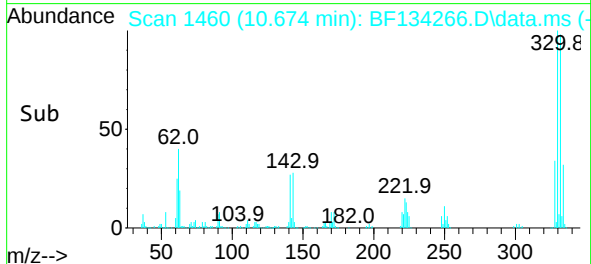
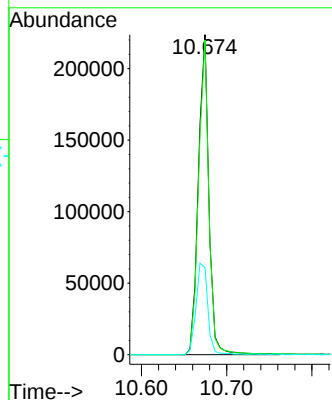
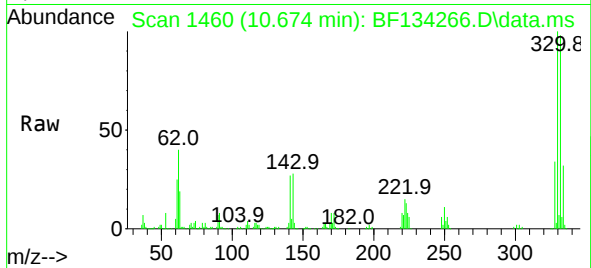




#42
2,4,6-Tribromophenol
Concen: 100.733 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134266.D
Acq: 13 Jul 2023 17:29

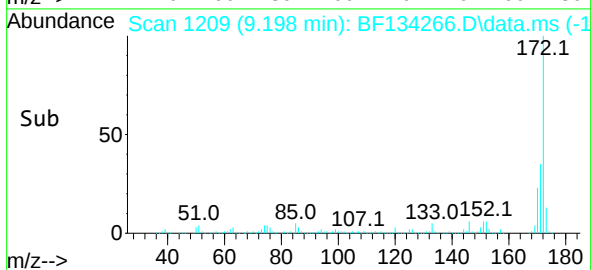
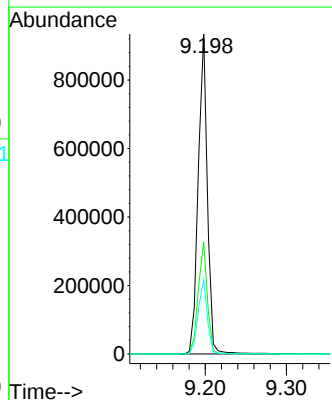
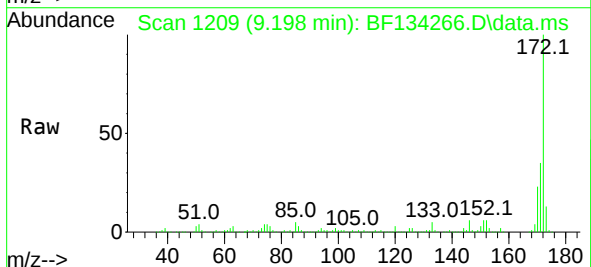
Instrument :
BNA_F
ClientSampleId :
WALL

Tgt Ion:330 Resp: 192356
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 32.0 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 70.404 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134266.D
Acq: 13 Jul 2023 17:29

Tgt Ion:172 Resp: 737518
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.2 19.4 29.0

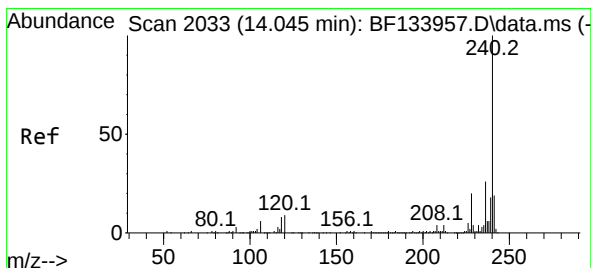
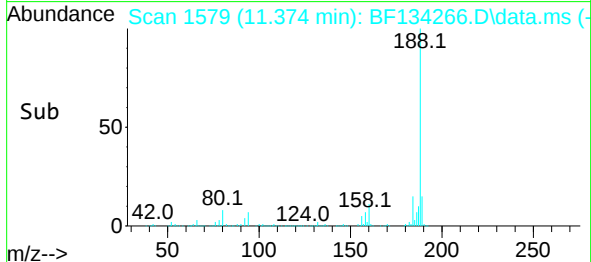
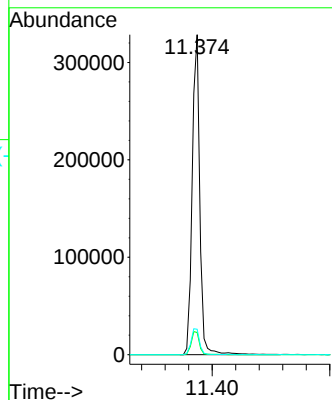
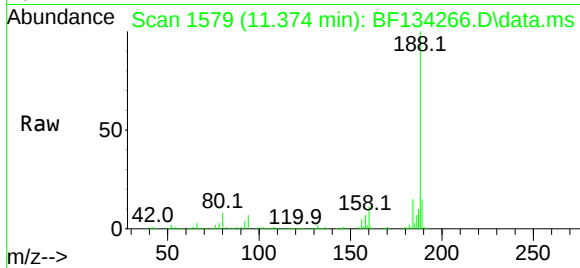




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134266.D
Acq: 13 Jul 2023 17:29

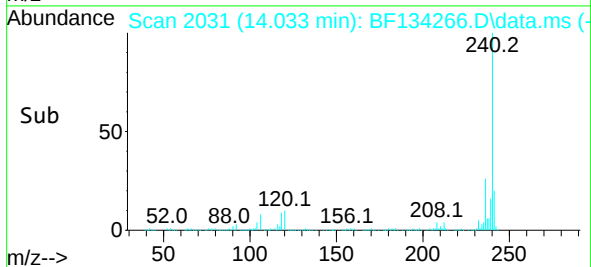
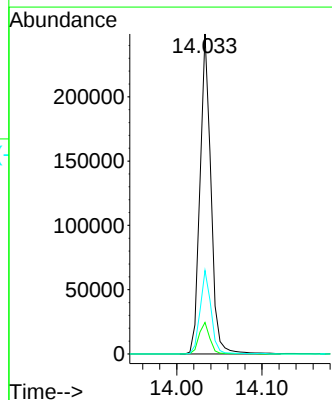
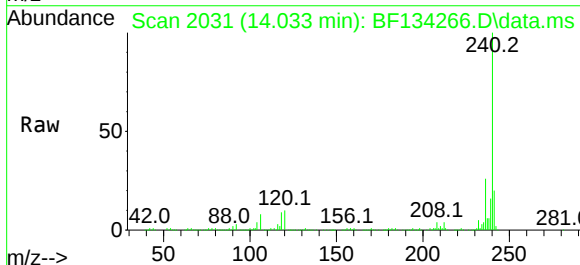
Instrument :
BNA_F
ClientSampleId :
WALL

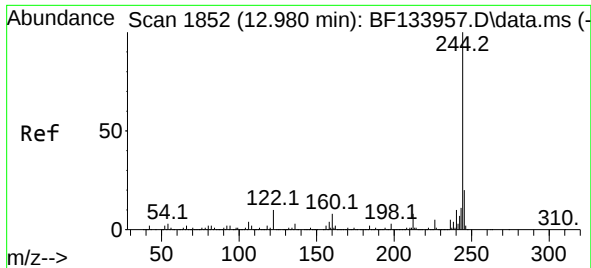
Tgt Ion:188 Resp: 294259
Ion Ratio Lower Upper
188 100
94 7.0 6.4 9.6
80 8.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134266.D
Acq: 13 Jul 2023 17:29

Tgt Ion:240 Resp: 221767
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 26.1 21.0 31.6

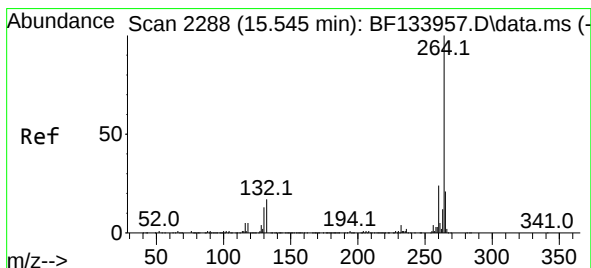
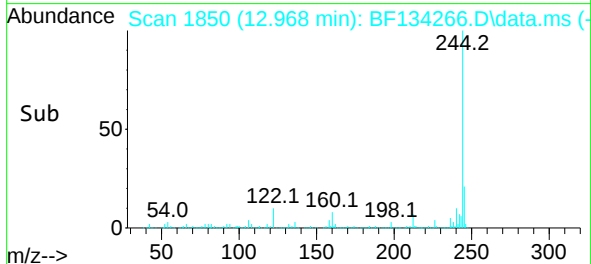
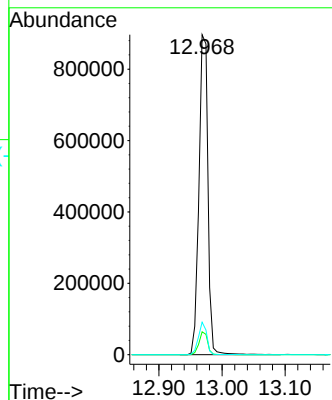
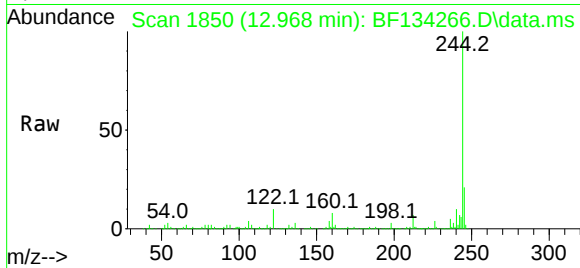




#79
 Terphenyl-d14
 Concen: 64.011 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134266.D
 Acq: 13 Jul 2023 17:29

Instrument :
 BNA_F
 ClientSampleId :
 WALL

Tgt Ion:244 Resp: 882025
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134266.D
 Acq: 13 Jul 2023 17:29

Tgt Ion:264 Resp: 206389
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.6 16.6 25.0

