

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
 Data File : BF134422.D
 Acq On : 22 Jul 2023 15:03
 Operator : CG\JU
 Sample : 03669-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-AVE-2

Quant Time: Jul 22 15:34:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	71421	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	277459	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	121662	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	243576	20.000	ng	0.00
76) Chrysene-d12	14.033	240	158040	20.000	ng	0.00
86) Perylene-d12	15.545	264	144129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	99732	23.358	ng	0.00
7) Phenol-d6	6.475	99	329674	62.785	ng	-0.01
23) Nitrobenzene-d5	7.398	82	326526	63.438	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	2813	1.844	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	564040	67.404	ng	-0.01
79) Terphenyl-d14	12.968	244	756914	77.081	ng	0.00

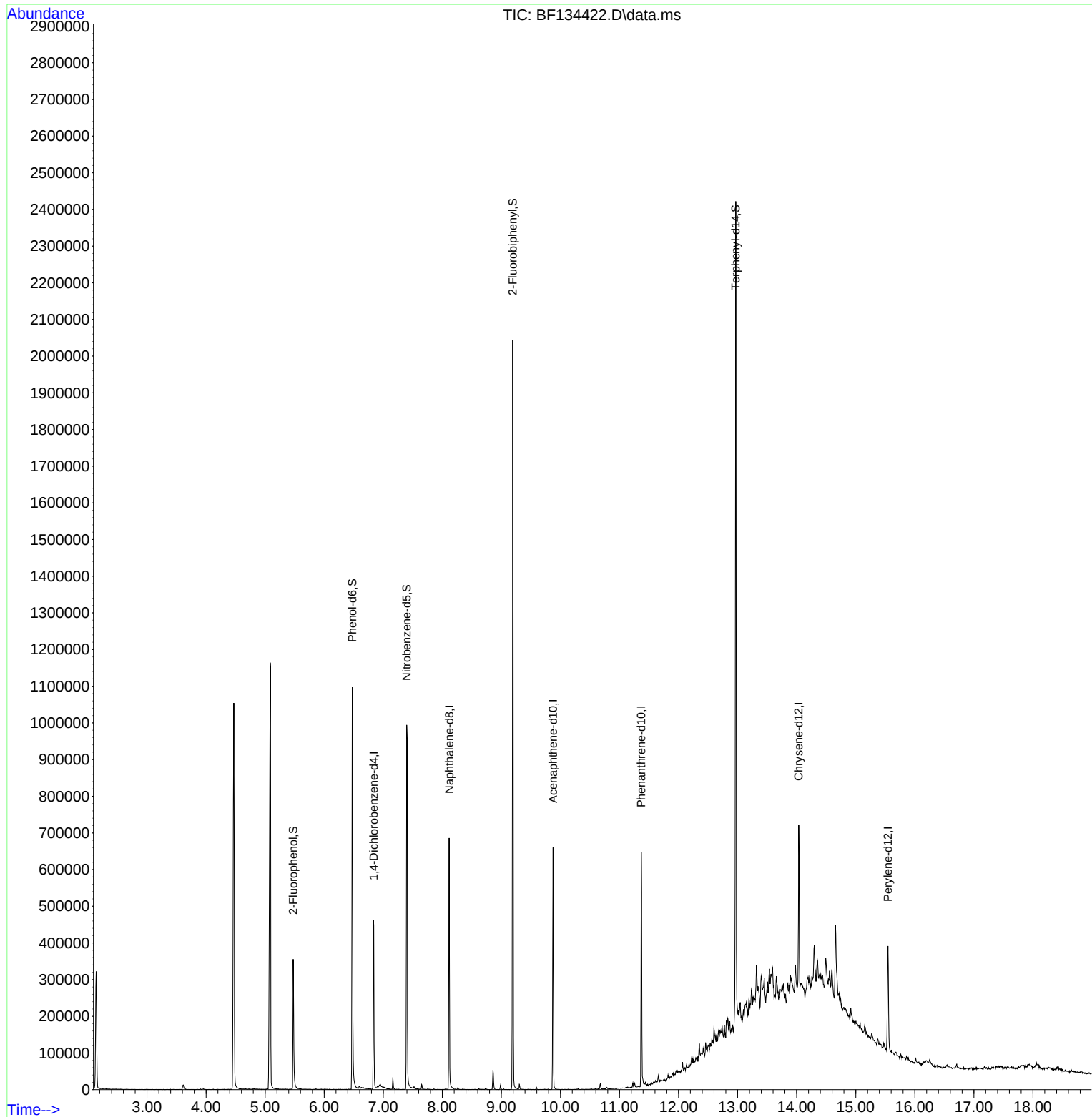
Target Compounds	Qvalue

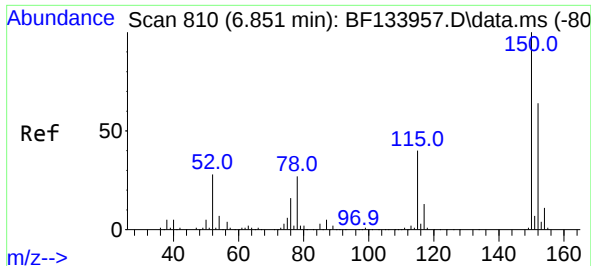
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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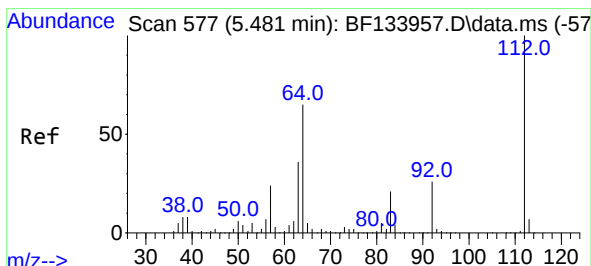
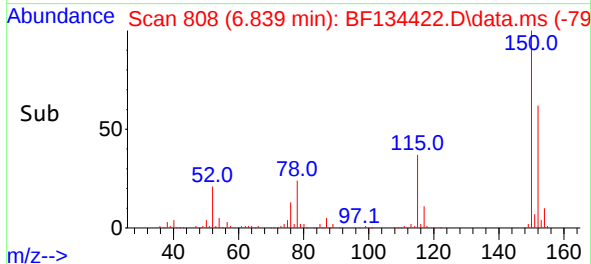
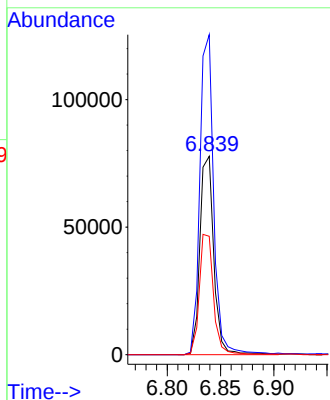
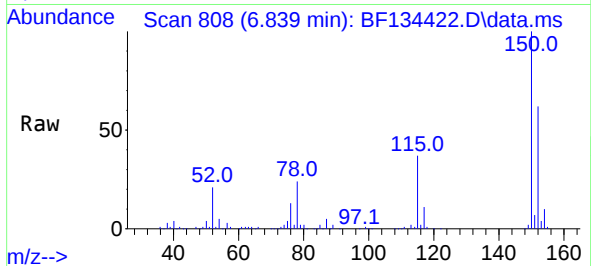




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

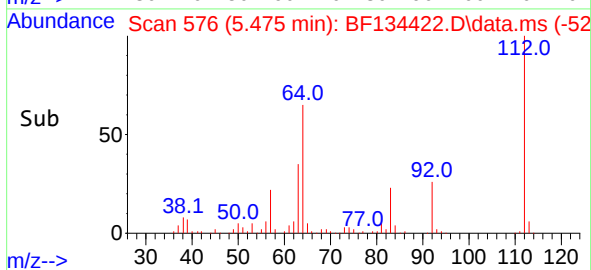
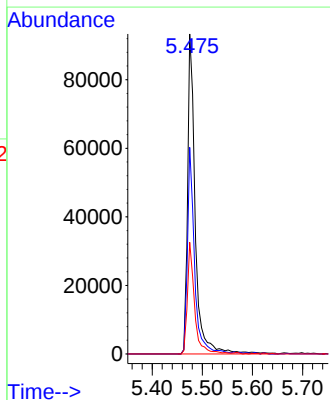
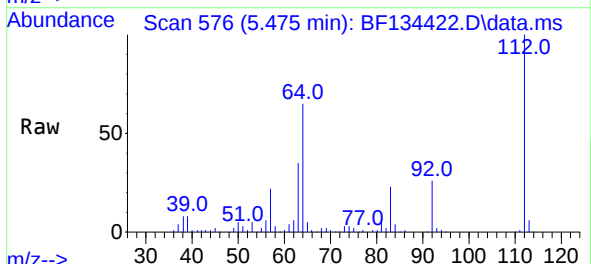
Instrument :
BNA_F
ClientSampleId :
DEL-AVE-2

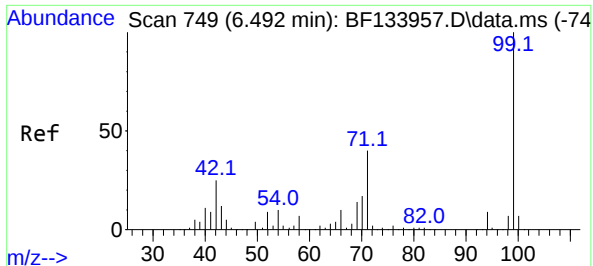
Tgt Ion:152 Resp: 71421
Ion Ratio Lower Upper
152 100
150 161.3 124.5 186.7
115 59.7 50.2 75.2



#5
2-Fluorophenol
Concen: 23.358 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

Tgt Ion:112 Resp: 99732
Ion Ratio Lower Upper
112 100
64 64.5 52.1 78.1
63 34.9 28.6 42.8

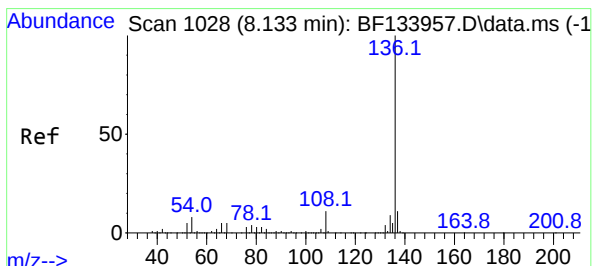
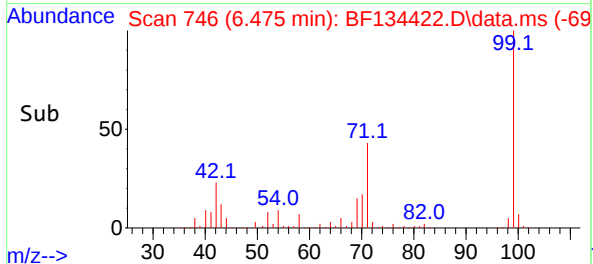
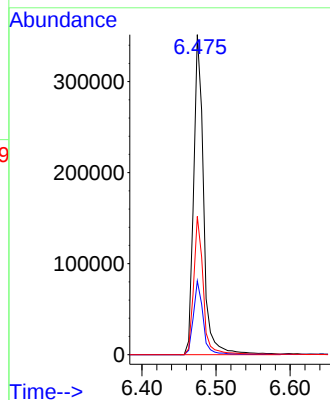
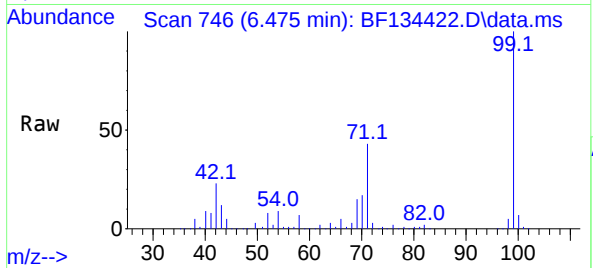




#7
Phenol-d6
Concen: 62.785 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

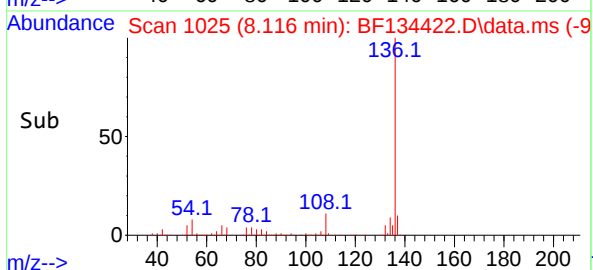
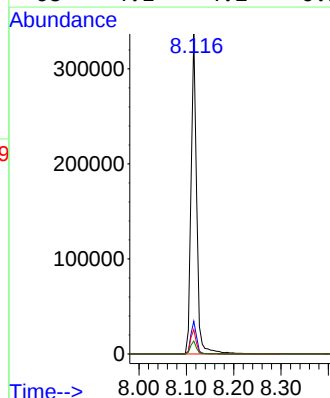
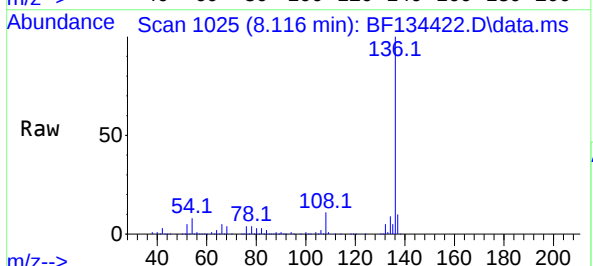
Instrument :
BNA_F
ClientSampleId :
DEL-AVE-2

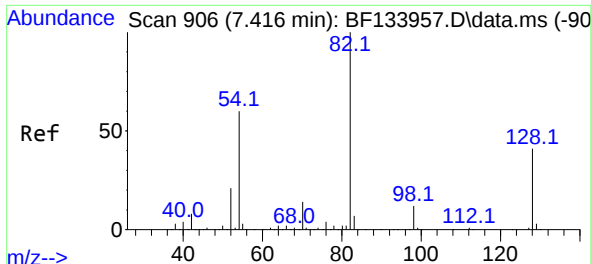
Tgt Ion: 99 Resp: 329674
Ion Ratio Lower Upper
99 100
42 23.1 19.8 29.6
71 43.2 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

Tgt Ion: 136 Resp: 277459
Ion Ratio Lower Upper
136 100
137 10.2 8.6 12.8
54 7.6 6.5 9.7
68 4.1 4.2 6.2

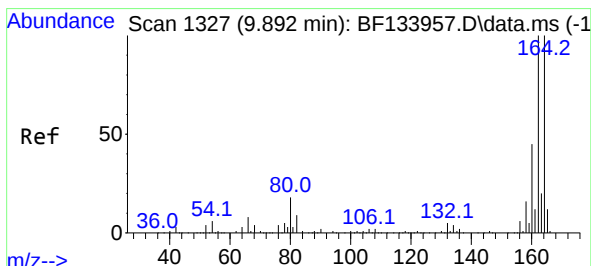
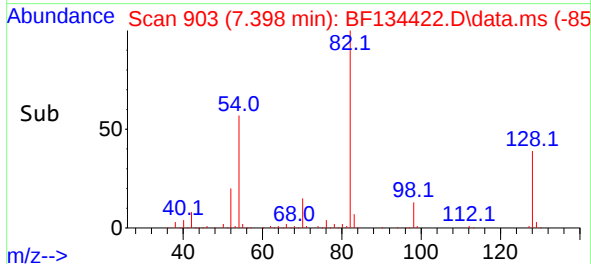
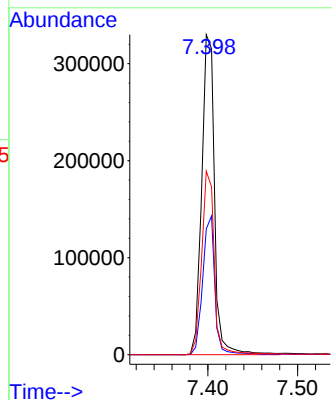
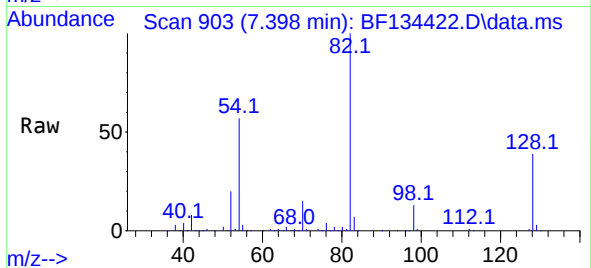




#23
Nitrobenzene-d5
Concen: 63.438 ng
RT: 7.398 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

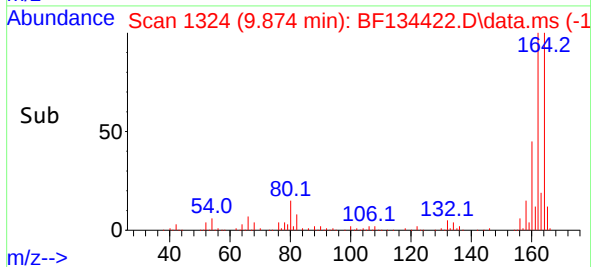
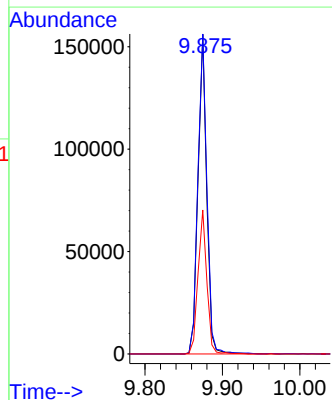
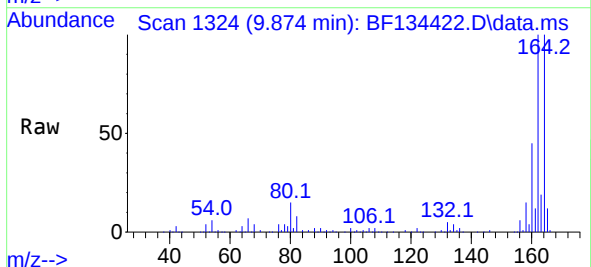
Instrument :
BNA_F
ClientSampleId :
DEL-AVE-2

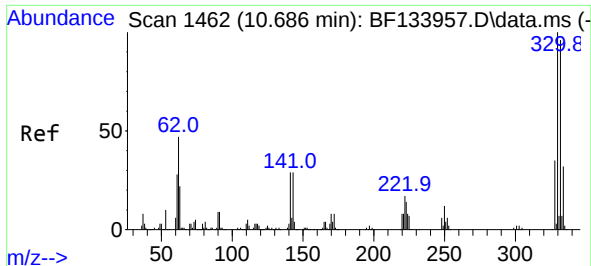
Tgt Ion: 82 Resp: 326526
Ion Ratio Lower Upper
82 100
128 39.3 32.5 48.7
54 57.3 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

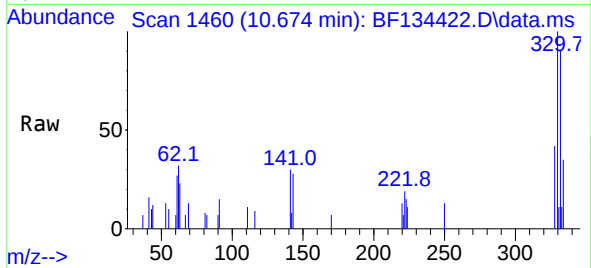
Tgt Ion:164 Resp: 121662
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 45.0 35.9 53.9



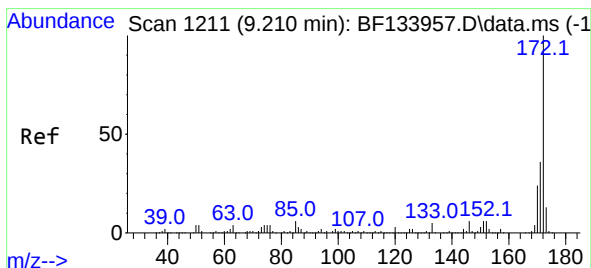
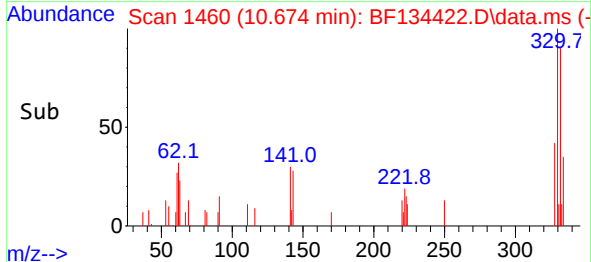
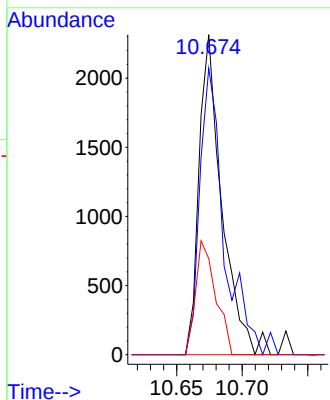


#42
2,4,6-Tribromophenol
Concen: 1.844 ng
RT: 10.674 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

Instrument :
BNA_F
ClientSampleId :
DEL-AVE-2

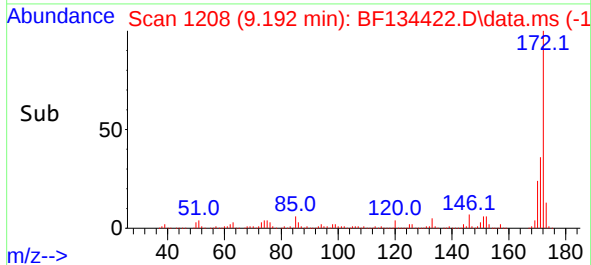
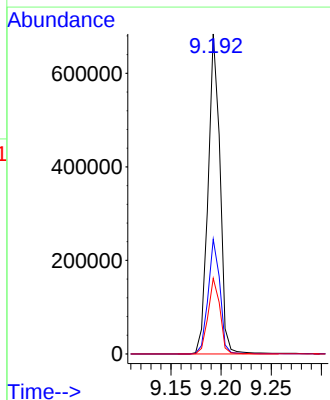
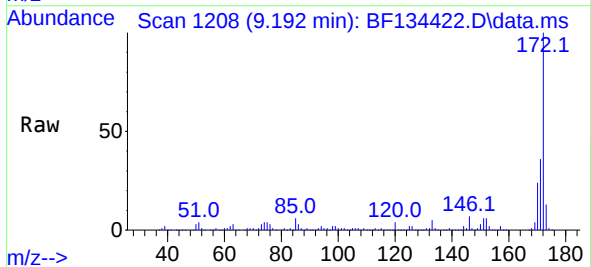


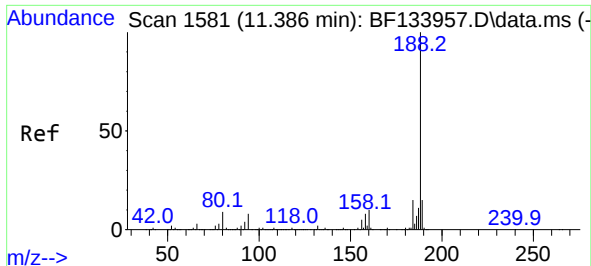
Tgt Ion:330 Resp: 2813
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 31.2 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 67.404 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

Tgt Ion:172 Resp: 564040
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.7 19.4 29.0

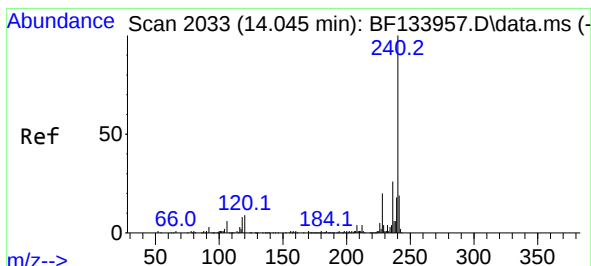
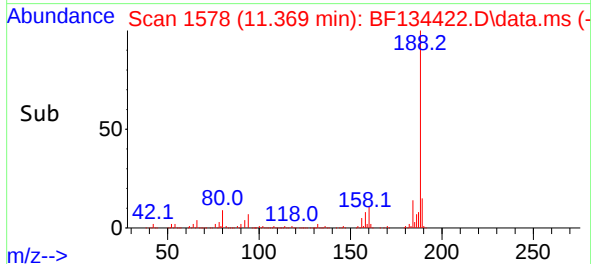
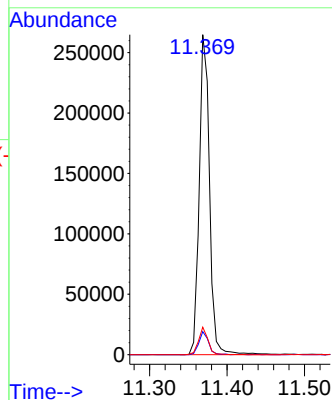
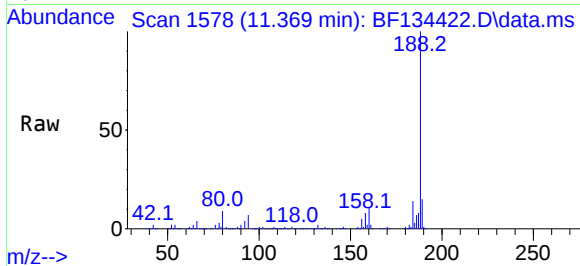




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

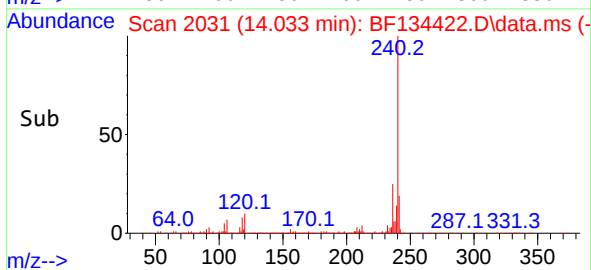
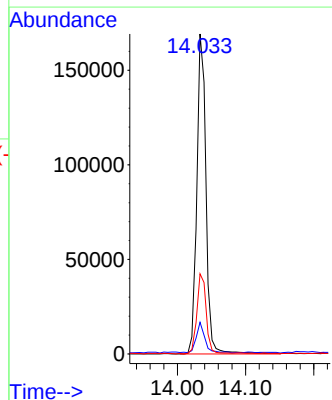
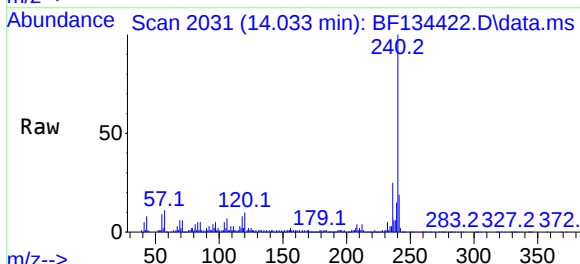
Instrument :
BNA_F
ClientSampleId :
DEL-AVE-2

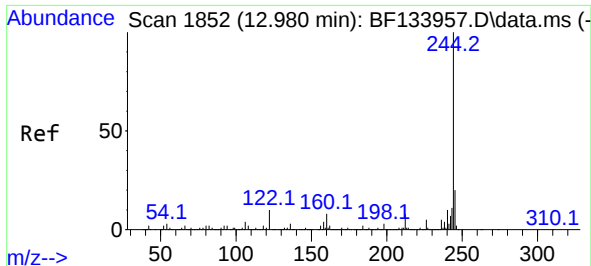
Tgt Ion:188 Resp: 243576
Ion Ratio Lower Upper
188 100
94 7.2 6.4 9.6
80 8.6 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

Tgt Ion:240 Resp: 158040
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 25.0 21.0 31.6

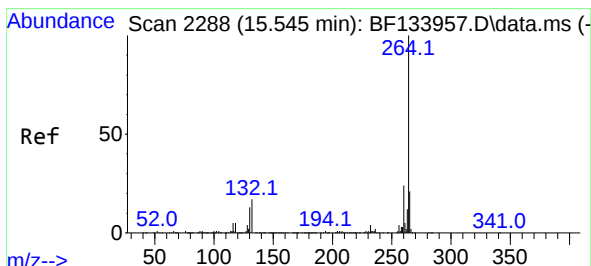
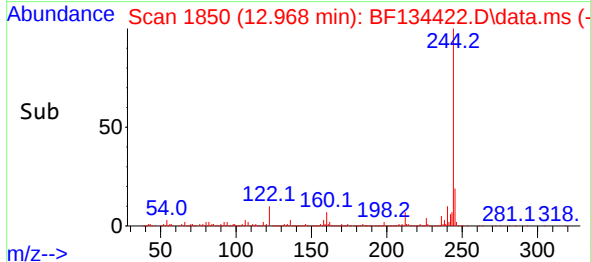
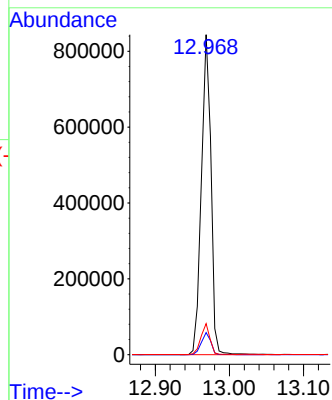
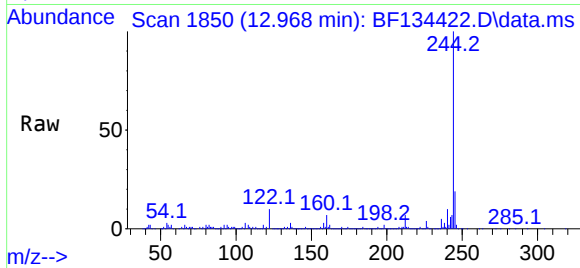




#79
 Terphenyl-d14
 Concen: 77.081 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134422.D
 Acq: 22 Jul 2023 15:03

Instrument :
 BNA_F
 ClientSampleId :
 DEL-AVE-2

Tgt Ion:244 Resp: 756914
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.000 min
 Lab File: BF134422.D
 Acq: 22 Jul 2023 15:03

Tgt Ion:264 Resp: 144129
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 20.3 16.6 25.0

