

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134358.D
 Acq On : 19 Jul 2023 14:45
 Operator : CG\JU
 Sample : 03597-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-50-(2-5)

Quant Time: Jul 19 15:04:18 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	73680	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	275987	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	134786	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	228537	20.000	ng	0.00
76) Chrysene-d12	14.033	240	139874	20.000	ng	0.00
86) Perylene-d12	15.539	264	119546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	408203	92.675	ng	0.01
7) Phenol-d6	6.481	99	496431	91.645	ng	0.00
23) Nitrobenzene-d5	7.404	82	340428	66.492	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	156755	92.757	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	667499	72.001	ng	-0.01
79) Terphenyl-d14	12.968	244	574618	66.117	ng	0.00

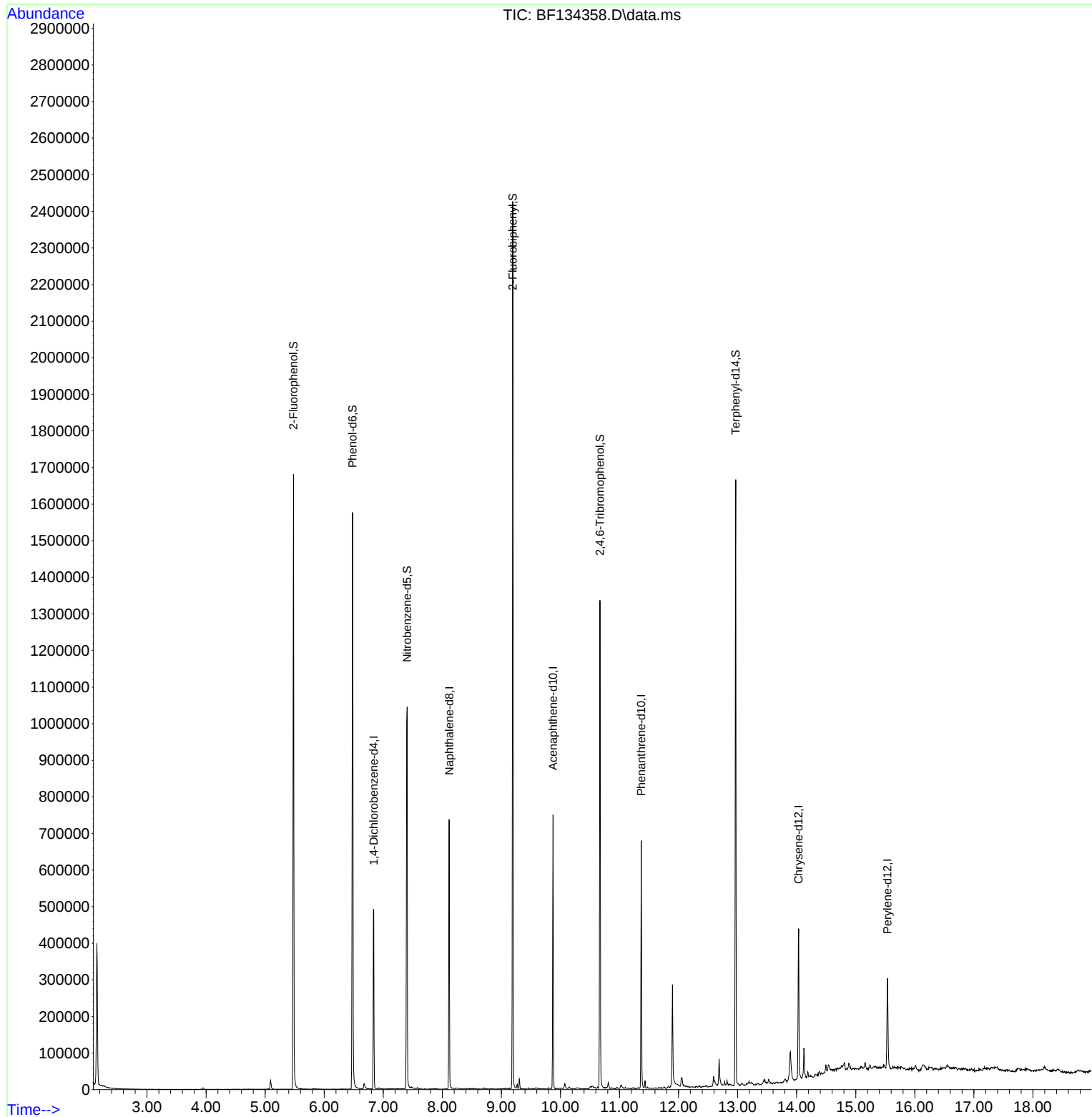
Target Compounds	Qvalue

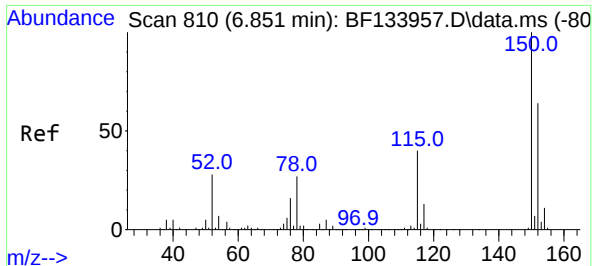
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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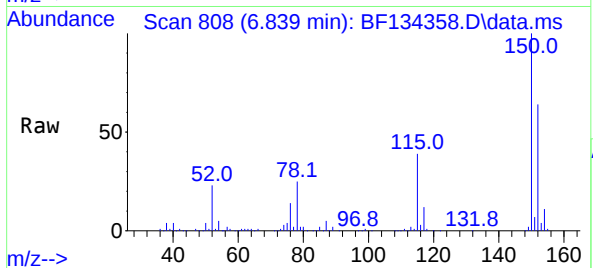
Quant Time: Jul 19 15:04:18 2023
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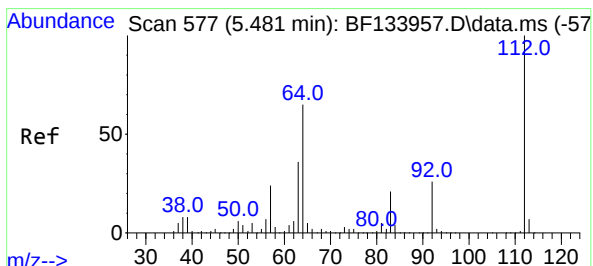
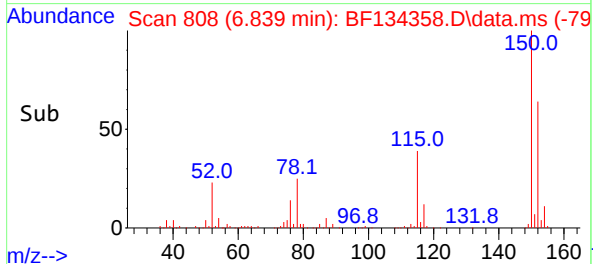
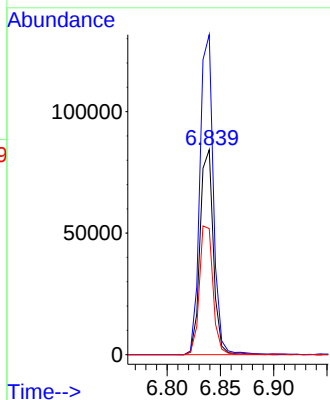


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

Instrument :
BNA_F
ClientSampleId :
RB-50-(2-5)

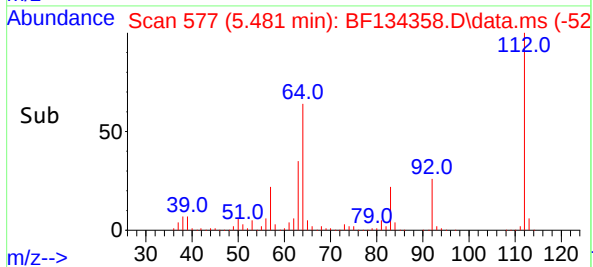
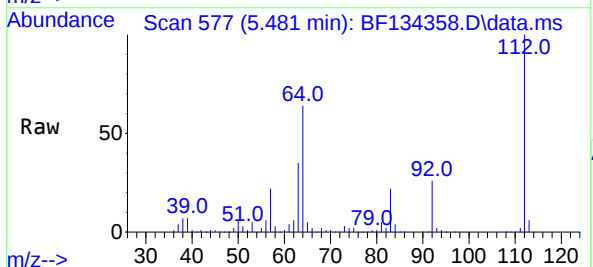
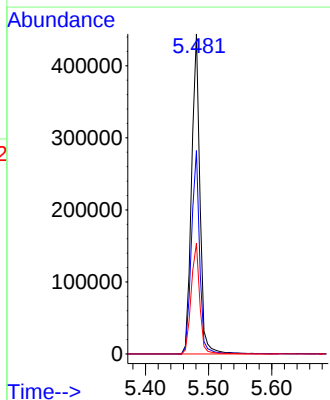


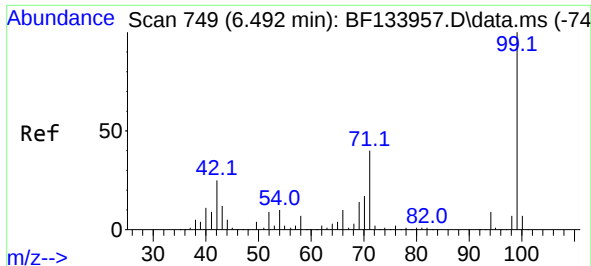
Tgt Ion:152 Resp: 73680
Ion Ratio Lower Upper
152 100
150 156.2 124.5 186.7
115 61.6 50.2 75.2



#5
2-Fluorophenol
Concen: 92.675 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

Tgt Ion:112 Resp: 408203
Ion Ratio Lower Upper
112 100
64 63.5 52.1 78.1
63 34.6 28.6 42.8

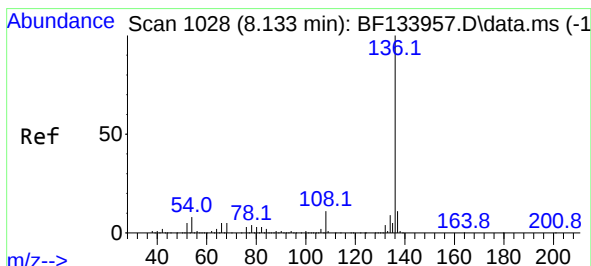
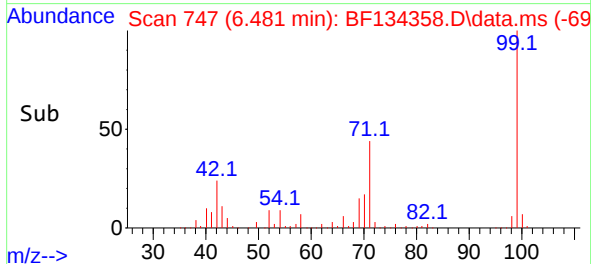
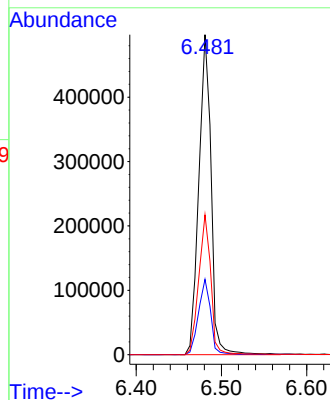
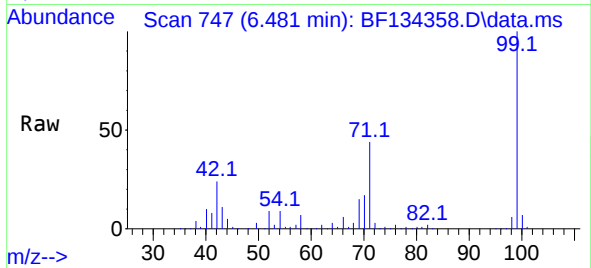




#7
Phenol-d6
Concen: 91.645 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

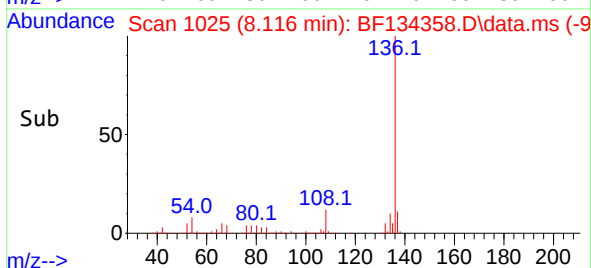
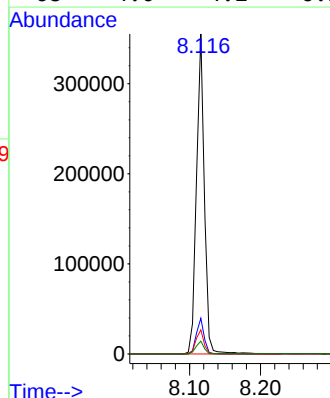
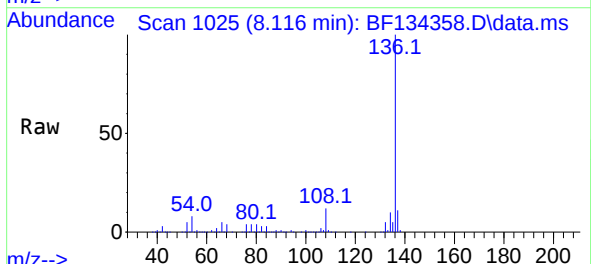
Instrument :
BNA_F
ClientSampleId :
RB-50-(2-5)

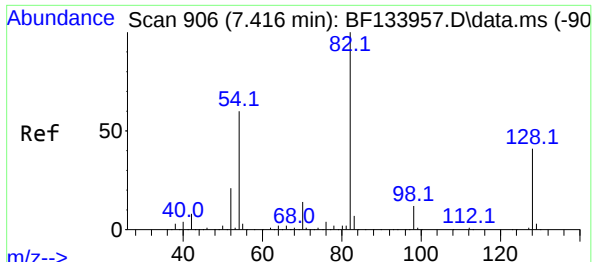
Tgt Ion: 99 Resp: 496431
Ion Ratio Lower Upper
99 100
42 23.6 19.8 29.6
71 43.7 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

Tgt Ion: 136 Resp: 275987
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.6 6.5 9.7
68 4.0 4.2 6.2

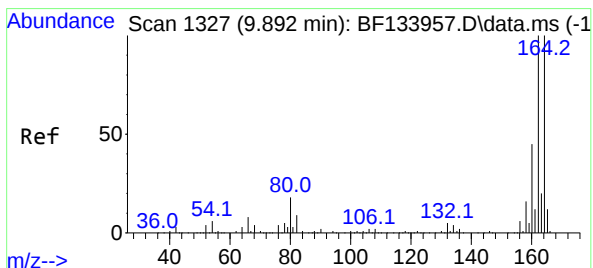
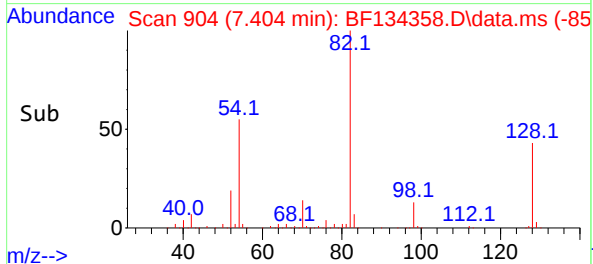
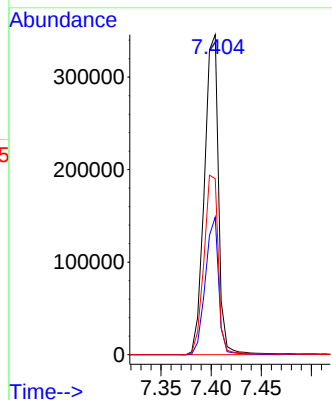
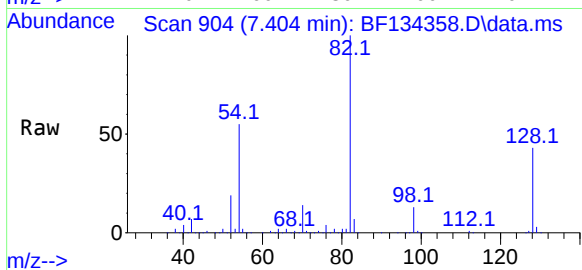




#23
Nitrobenzene-d5
Concen: 66.492 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

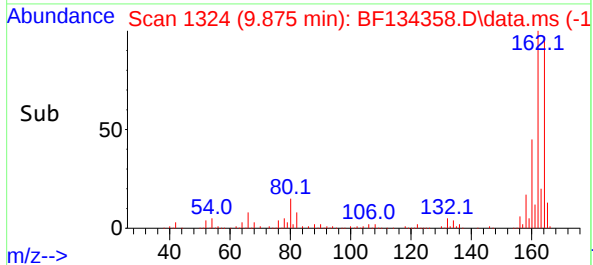
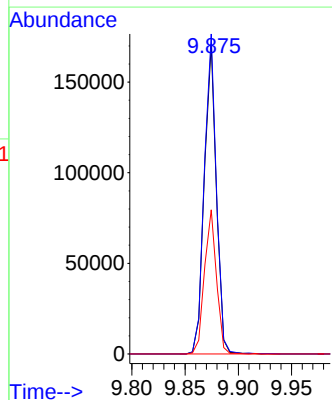
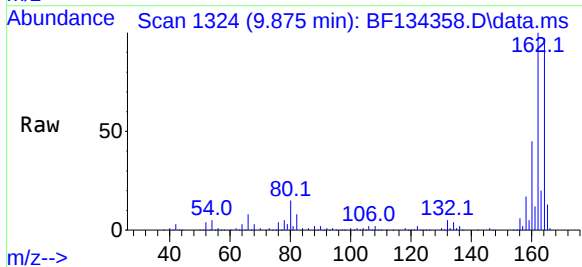
Instrument :
BNA_F
ClientSampleId :
RB-50-(2-5)

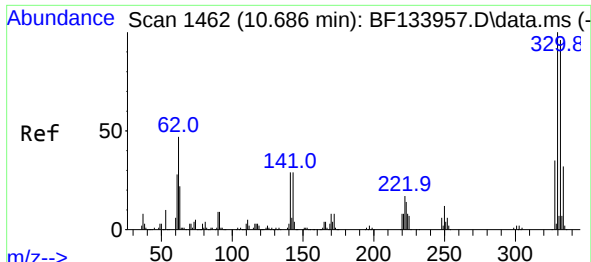
Tgt Ion: 82 Resp: 340428
Ion Ratio Lower Upper
82 100
128 43.0 32.5 48.7
54 55.0 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

Tgt Ion:164 Resp: 134786
Ion Ratio Lower Upper
164 100
162 103.4 80.0 120.0
160 46.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 92.757 ng

RT: 10.669 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF134358.D

Acq: 19 Jul 2023 14:45

Instrument :

BNA_F

ClientSampleId :

RB-50-(2-5)

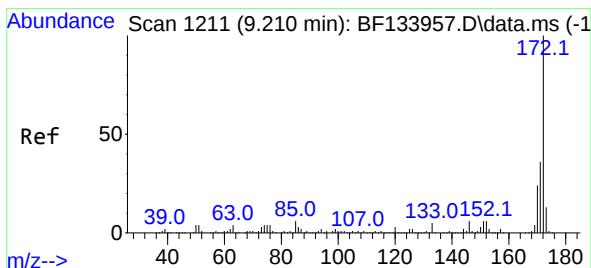
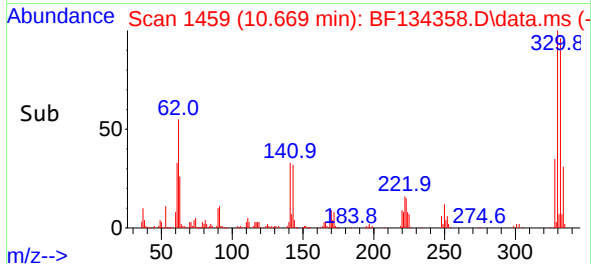
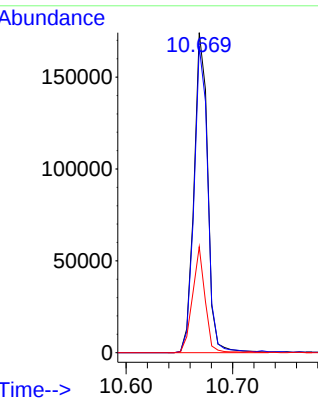
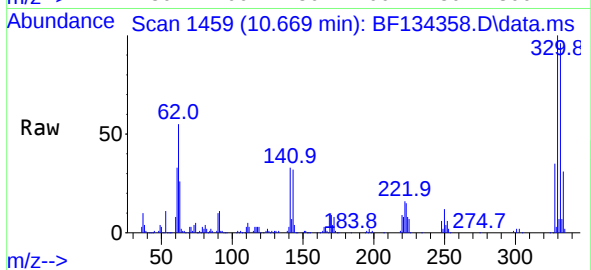
Tgt Ion:330 Resp: 156755

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

141 30.2 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 72.001 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.012 min

Lab File: BF134358.D

Acq: 19 Jul 2023 14:45

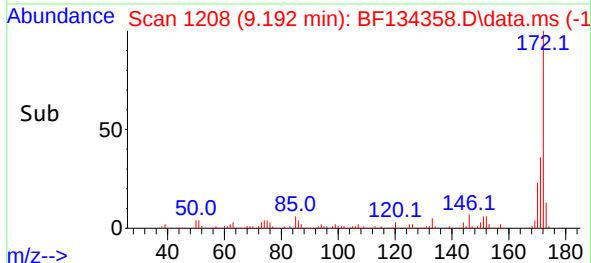
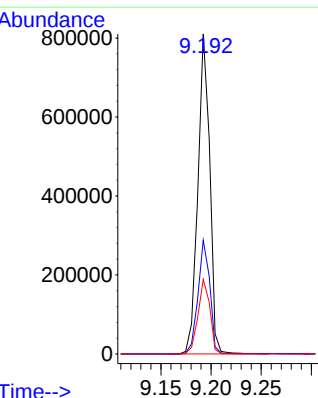
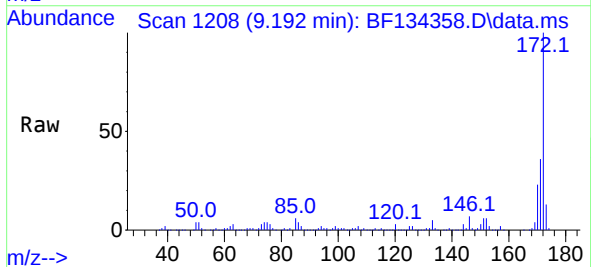
Tgt Ion:172 Resp: 667499

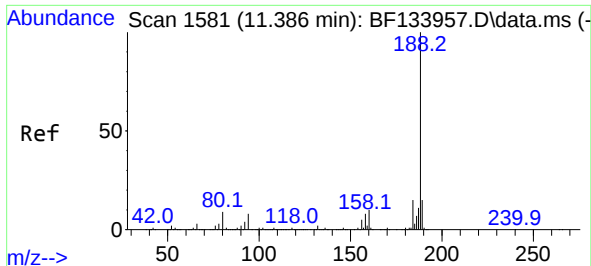
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.3 19.4 29.0

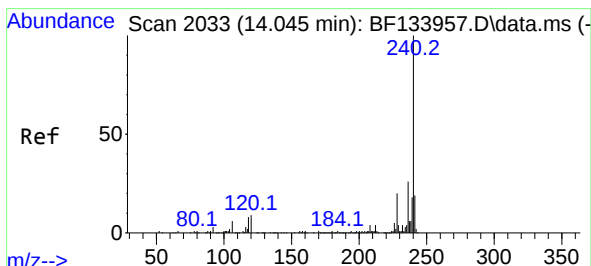
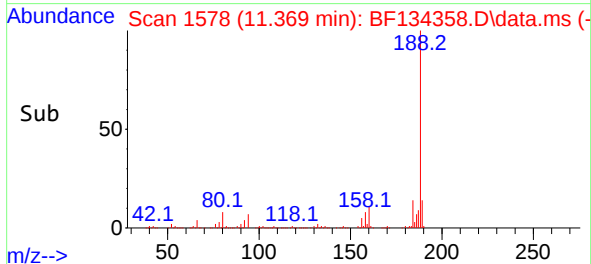
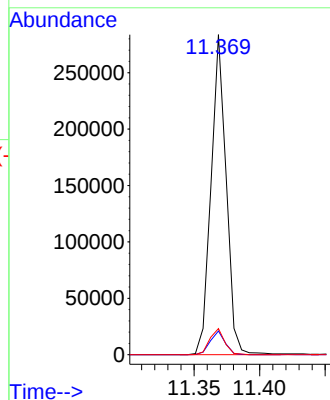
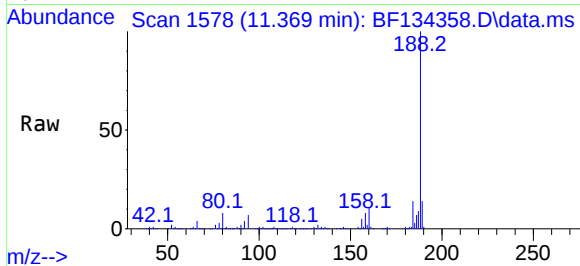




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

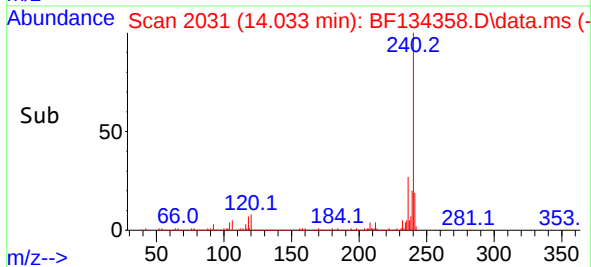
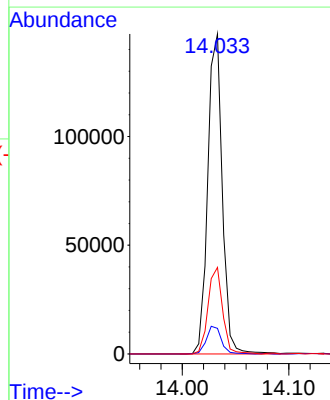
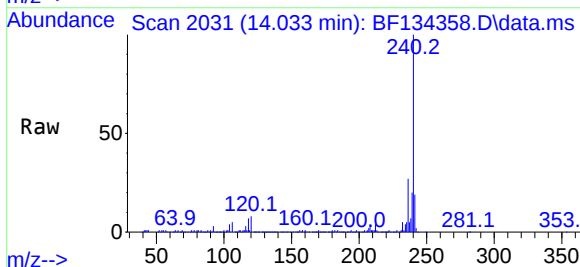
Instrument :
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RB-50-(2-5)

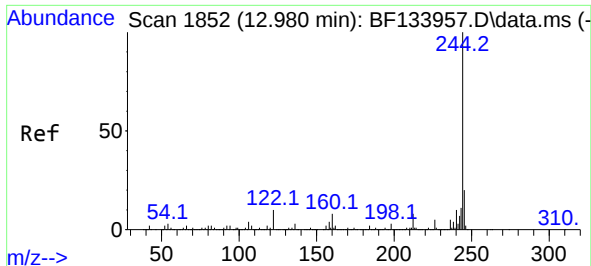
Tgt Ion:188 Resp: 228537
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.2 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

Tgt Ion:240 Resp: 139874
Ion Ratio Lower Upper
240 100
120 8.0 7.4 11.0
236 27.1 21.0 31.6

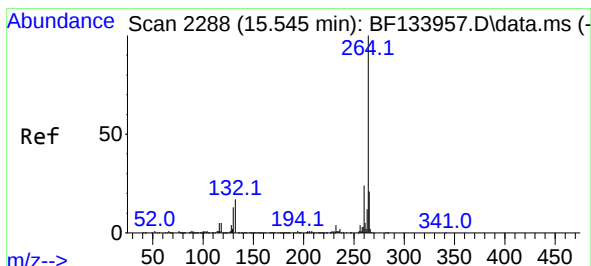
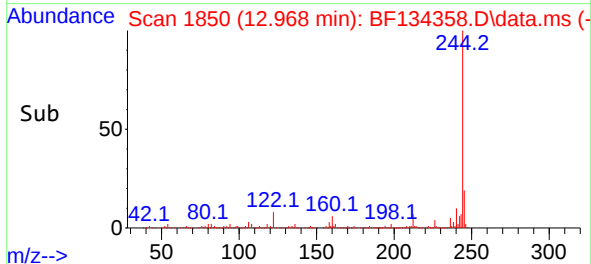
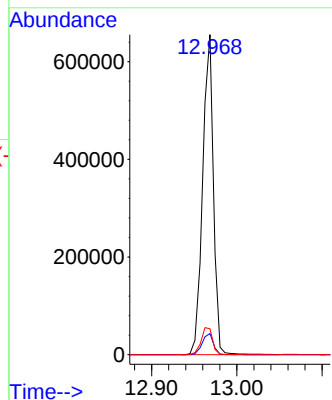
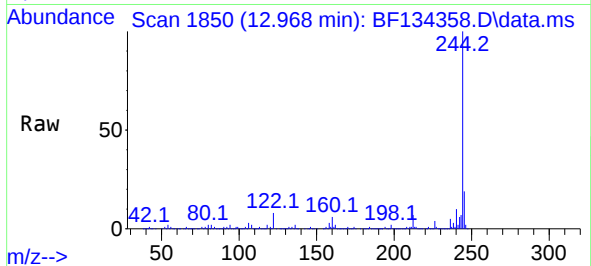




#79
 Terphenyl-d14
 Concen: 66.117 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134358.D
 Acq: 19 Jul 2023 14:45

Instrument :
 BNA_F
 ClientSampleId :
 RB-50-(2-5)

Tgt Ion:244 Resp: 574618
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 8.1 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: BF134358.D
 Acq: 19 Jul 2023 14:45

Tgt Ion:264 Resp: 119546
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.7 16.6 25.0

