

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072023\
 Data File : BF134379.D
 Acq On : 20 Jul 2023 13:46
 Operator : CG\JU
 Sample : 03646-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 YARD-1

Quant Time: Jul 20 15:03:37 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	6.834	152	74245	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	266660	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	141129	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	283946	20.000	ng	0.00
76) Chrysene-d12	14.027	240	169456	20.000	ng	-0.01
86) Perylene-d12	15.533	264	163447	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	452790	102.015	ng	0.02
7) Phenol-d6	6.481	99	577467	105.794	ng	0.00
23) Nitrobenzene-d5	7.398	82	379728	76.762	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	225988	127.715	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	759335	78.226	ng	-0.01
79) Terphenyl-d14	12.969	244	981724	93.240	ng	0.00

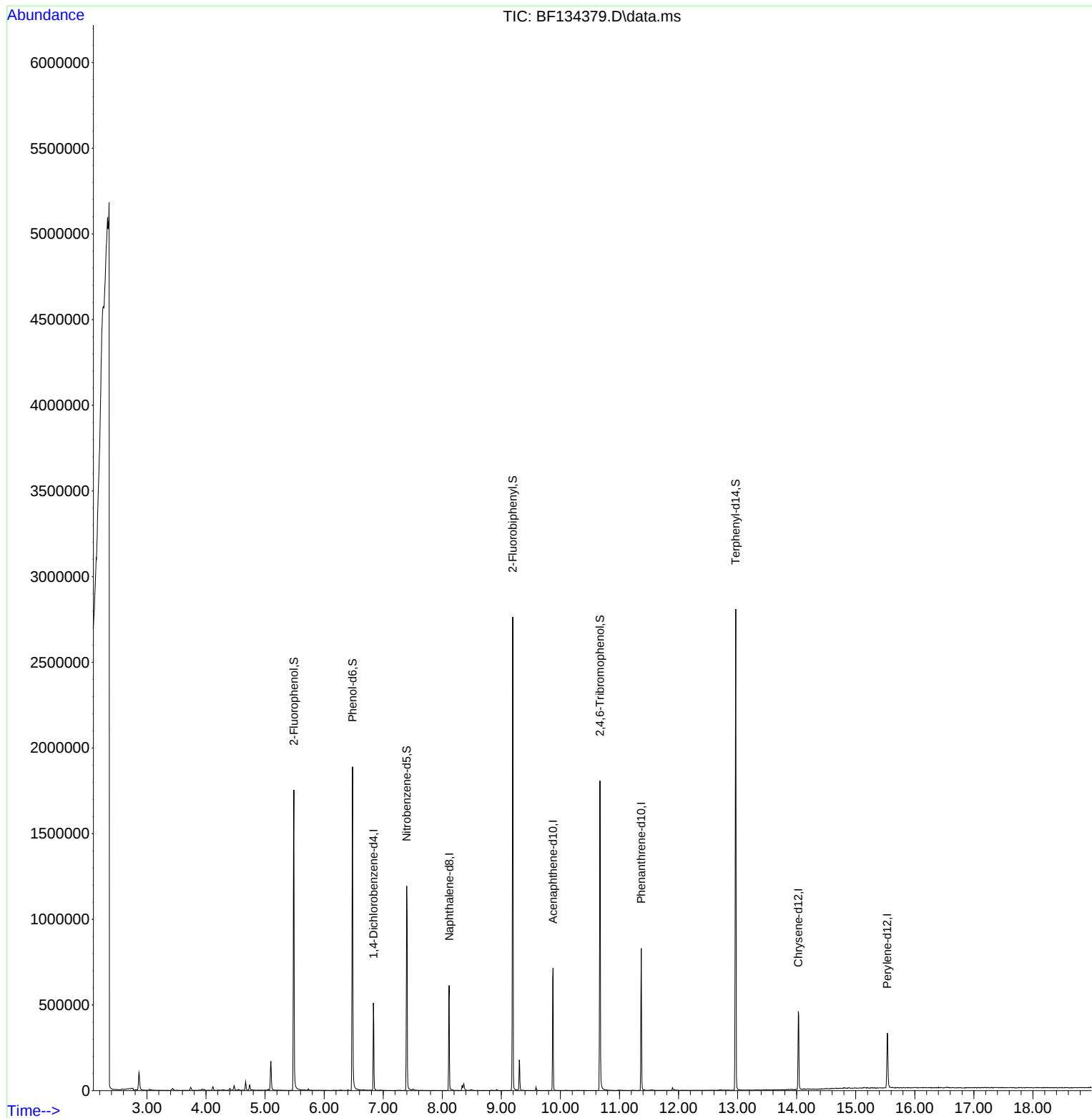
Target Compounds	Qvalue

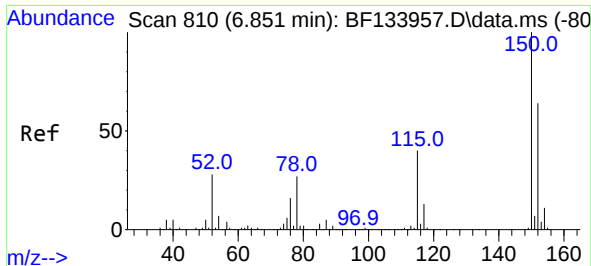
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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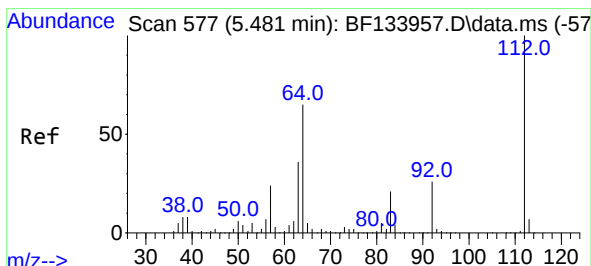
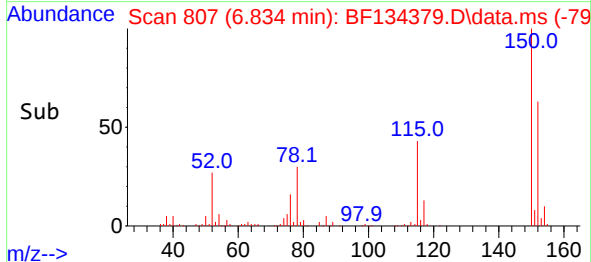
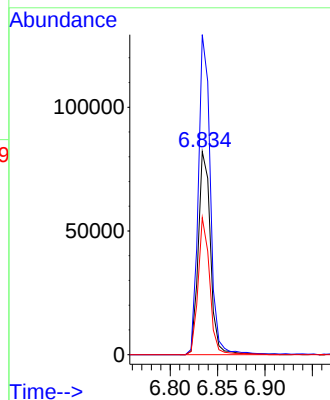
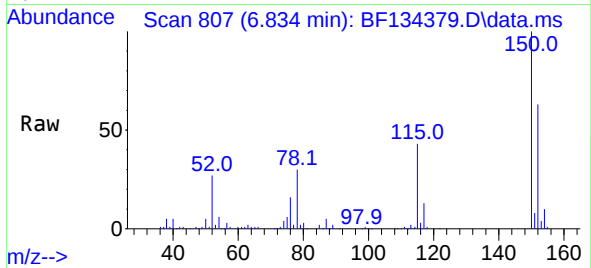




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF134379.D
Acq: 20 Jul 2023 13:46

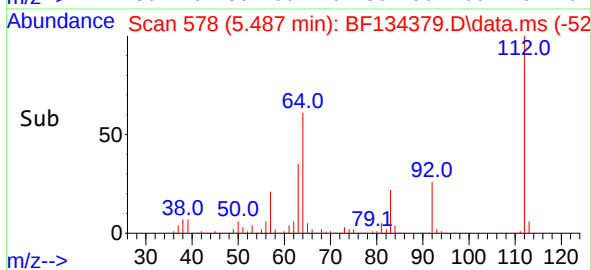
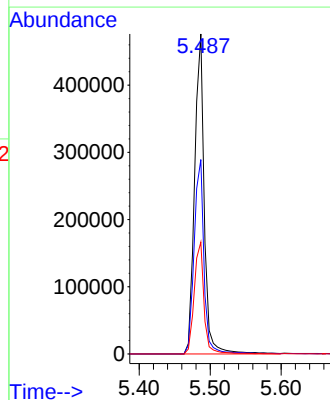
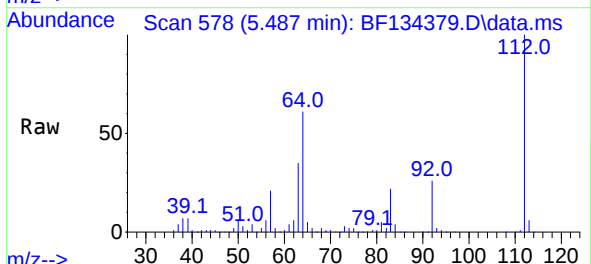
Instrument :
BNA_F
ClientSampleId :
YARD-1

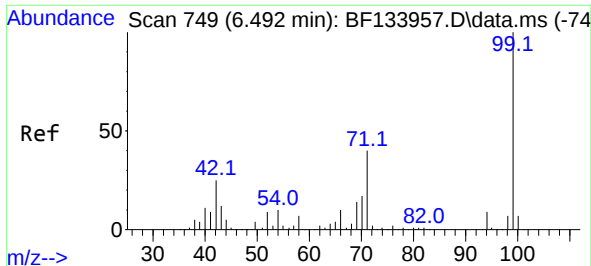
Tgt Ion:152 Resp: 74245
Ion Ratio Lower Upper
152 100
150 157.6 124.5 186.7
115 67.4 50.2 75.2



#5
2-Fluorophenol
Concen: 102.015 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.018 min
Lab File: BF134379.D
Acq: 20 Jul 2023 13:46

Tgt Ion:112 Resp: 452790
Ion Ratio Lower Upper
112 100
64 60.7 52.1 78.1
63 35.0 28.6 42.8

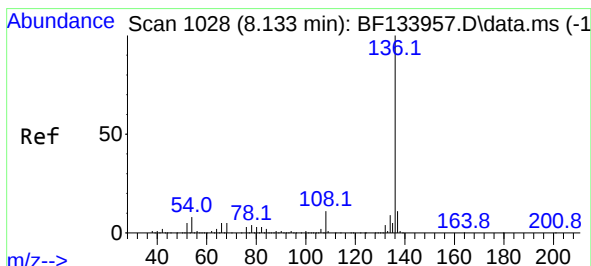
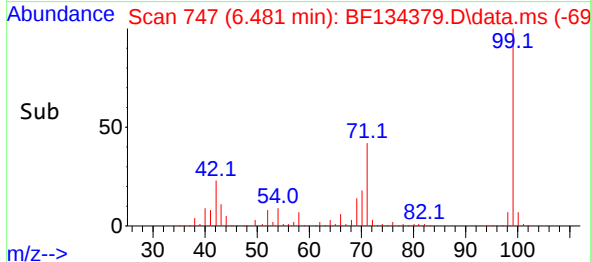
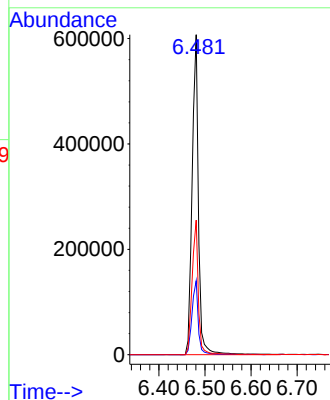
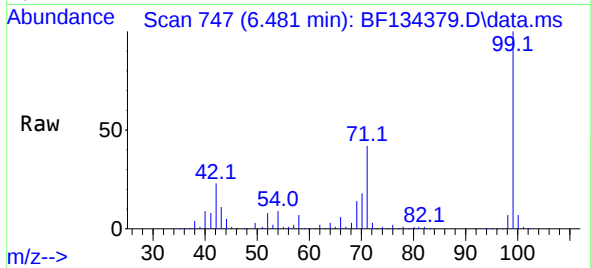




#7
Phenol-d6
Concen: 105.794 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134379.D
Acq: 20 Jul 2023 13:46

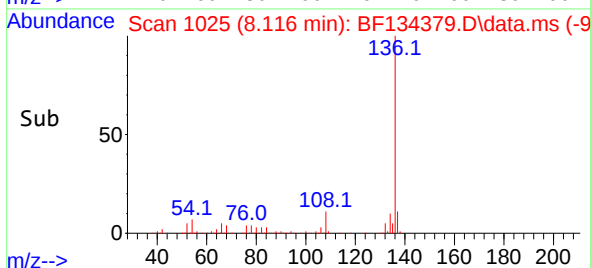
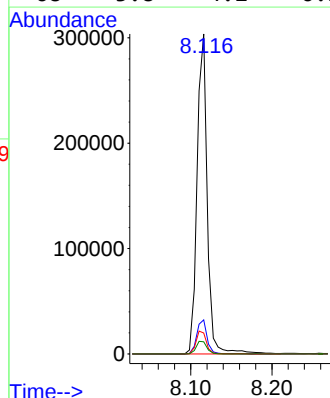
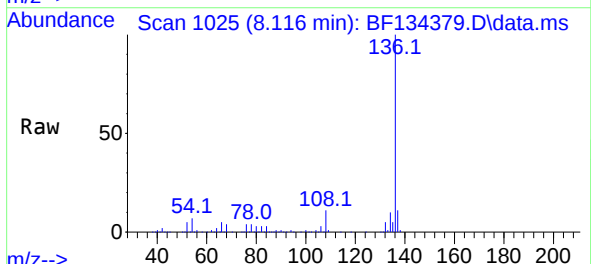
Instrument :
BNA_F
ClientSampleId :
YARD-1

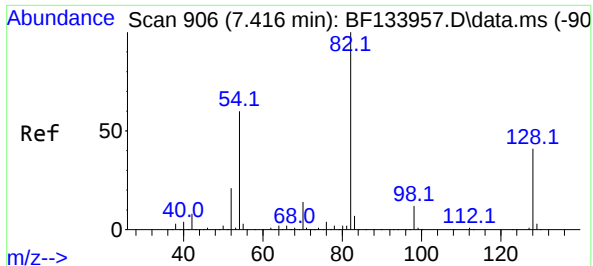
Tgt Ion: 99 Resp: 577467
Ion Ratio Lower Upper
99 100
42 23.1 19.8 29.6
71 42.1 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134379.D
Acq: 20 Jul 2023 13:46

Tgt Ion:136 Resp: 266660
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.6 6.5 9.7
68 3.8 4.2 6.2#

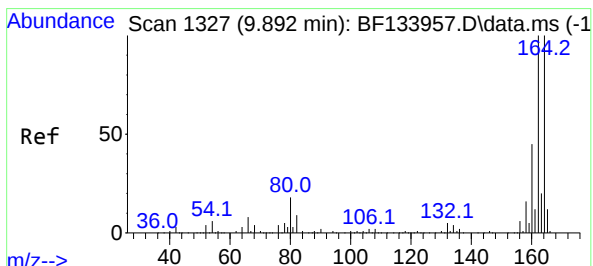
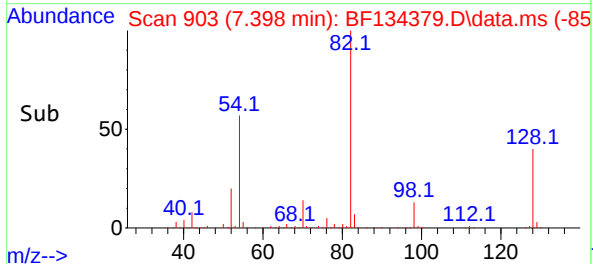
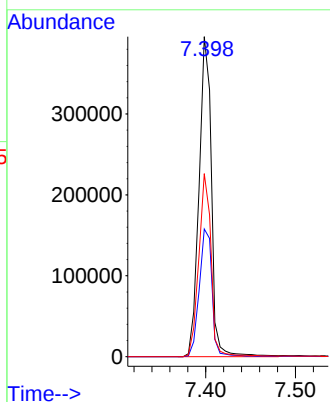
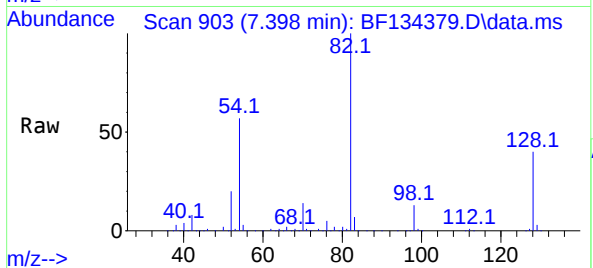




#23
Nitrobenzene-d5
Concen: 76.762 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF134379.D
Acq: 20 Jul 2023 13:46

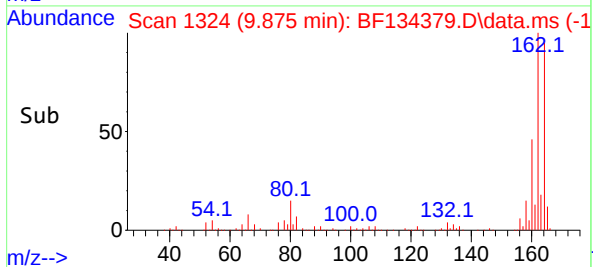
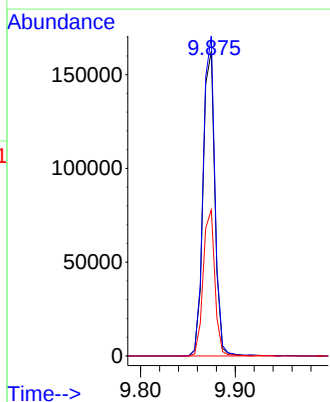
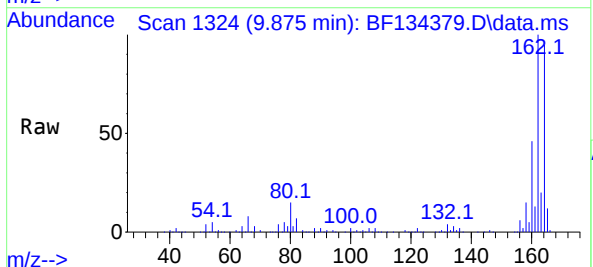
Instrument :
BNA_F
ClientSampleId :
YARD-1

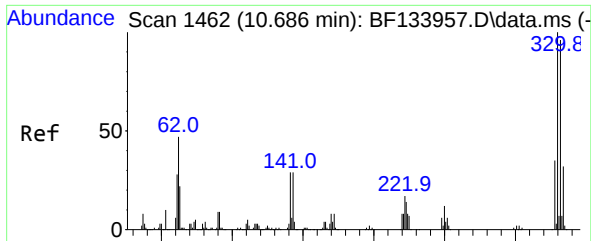
Tgt Ion: 82 Resp: 379728
Ion Ratio Lower Upper
82 100
128 39.9 32.5 48.7
54 57.2 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134379.D
Acq: 20 Jul 2023 13:46

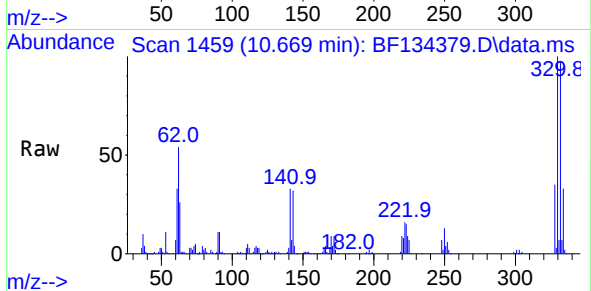
Tgt Ion:164 Resp: 141129
Ion Ratio Lower Upper
164 100
162 105.0 80.0 120.0
160 47.9 35.9 53.9



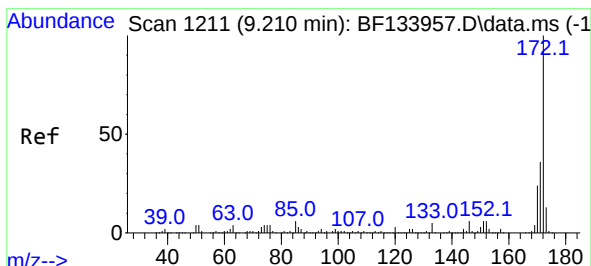
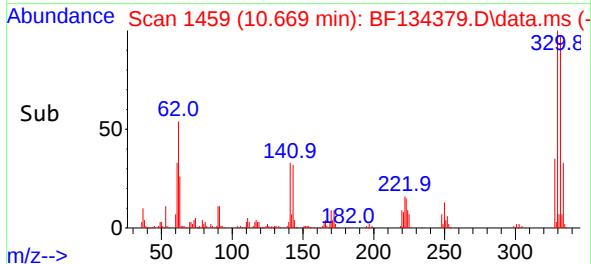
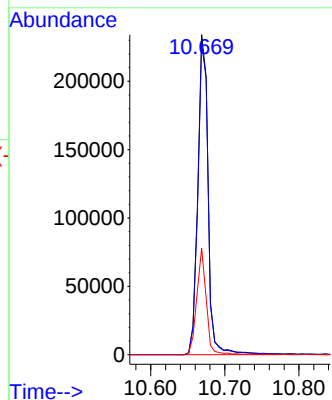


#42
2,4,6-Tribromophenol
Concen: 127.715 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134379.D
Acq: 20 Jul 2023 13:46

Instrument :
BNA_F
ClientSampleId :
YARD-1

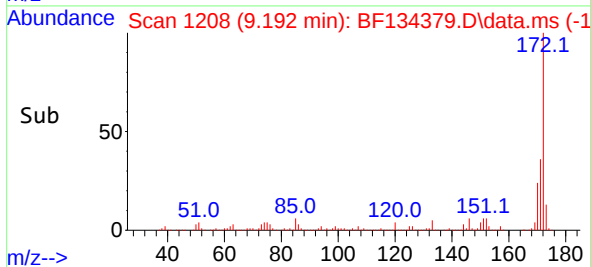
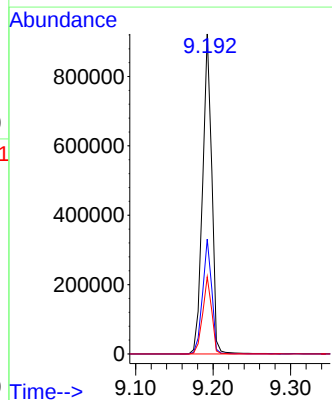
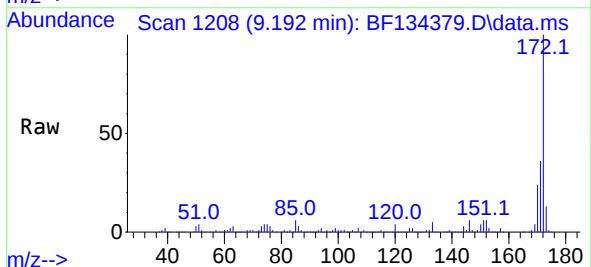


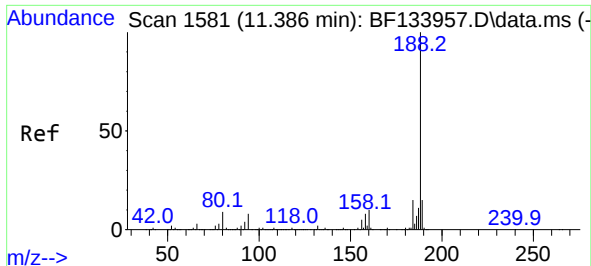
Tgt Ion:330 Resp: 225988
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 30.6 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 78.226 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134379.D
Acq: 20 Jul 2023 13:46

Tgt Ion:172 Resp: 759335
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.1 19.4 29.0

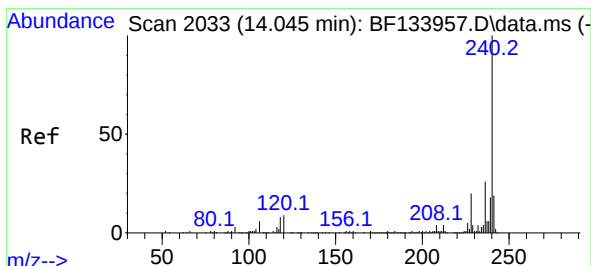
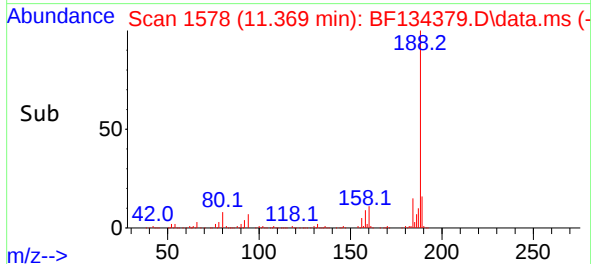
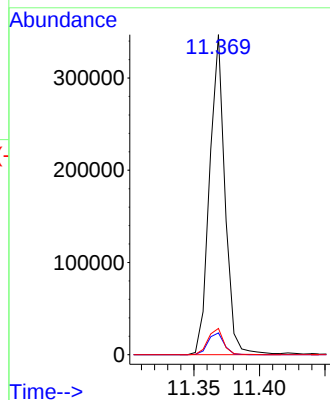
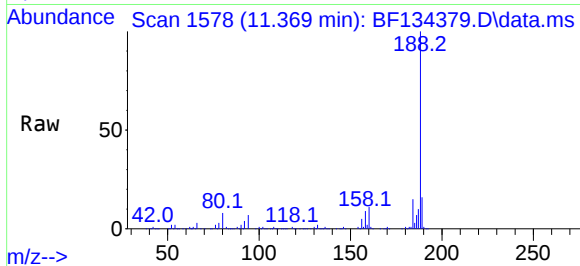




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134379.D
Acq: 20 Jul 2023 13:46

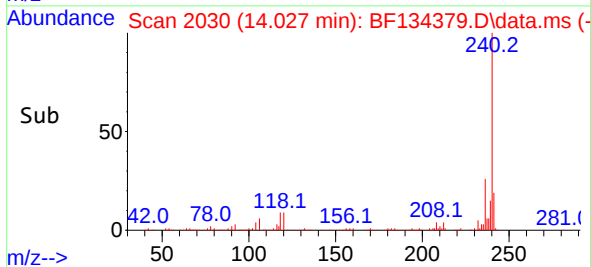
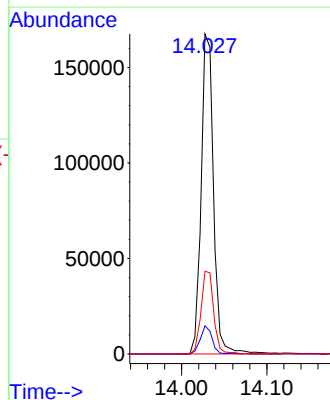
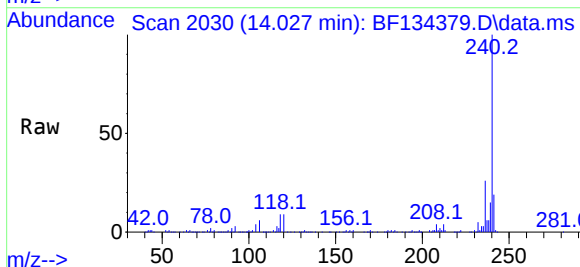
Instrument :
BNA_F
ClientSampleId :
YARD-1

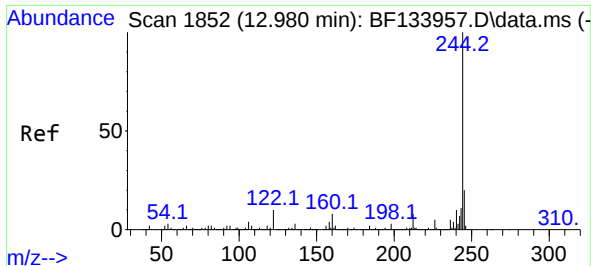
Tgt Ion:188 Resp: 283946
Ion Ratio Lower Upper
188 100
94 6.8 6.4 9.6
80 8.2 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF134379.D
Acq: 20 Jul 2023 13:46

Tgt Ion:240 Resp: 169456
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 25.9 21.0 31.6

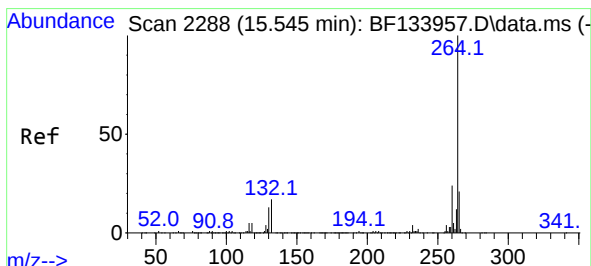
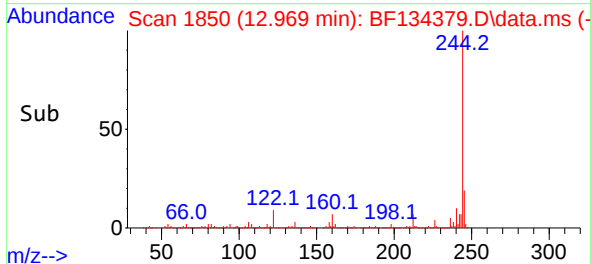
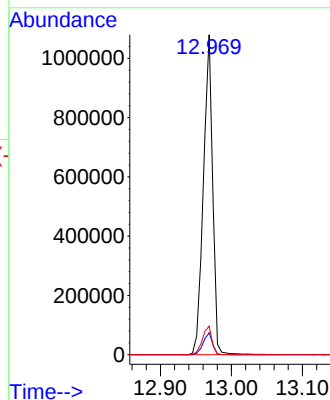
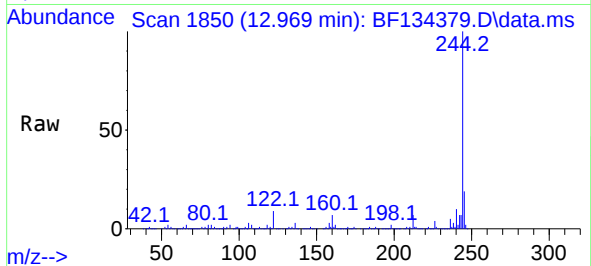




#79
 Terphenyl-d14
 Concen: 93.240 ng
 RT: 12.969 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134379.D
 Acq: 20 Jul 2023 13:46

Instrument :
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 ClientSampleId :
 YARD-1

Tgt Ion:244 Resp: 981724
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.012 min
 Lab File: BF134379.D
 Acq: 20 Jul 2023 13:46

Tgt Ion:264 Resp: 163447
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.4 16.6 25.0

