

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134361.D
 Acq On : 19 Jul 2023 16:23
 Operator : CG\JU
 Sample : 03599-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-7-11-23

Quant Time: Jul 19 17:35:18 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	6.840	152	71957	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	276474	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	130941	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	222932	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	143494	20.000	ng	-0.01
86) Perylene-d12	15.539	264	119449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	492222	114.426	ng	0.04
7) Phenol-d6	6.487	99	497285	94.001	ng	0.00
23) Nitrobenzene-d5	7.404	82	451057	87.945	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	200079	121.870	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	863336	95.860	ng	0.00
79) Terphenyl-d14	12.969	244	787464	88.321	ng	0.00

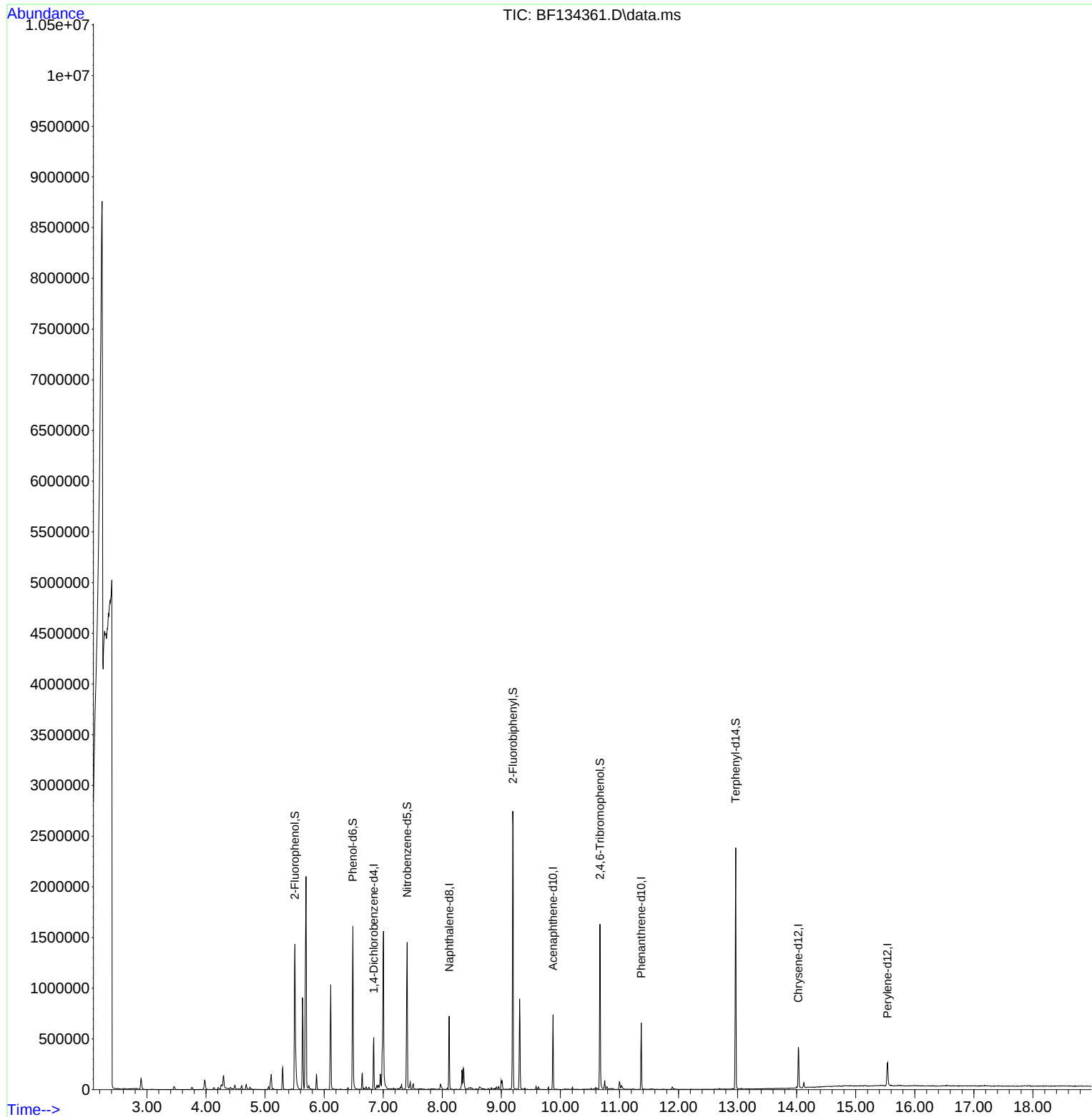
Target Compounds	Qvalue

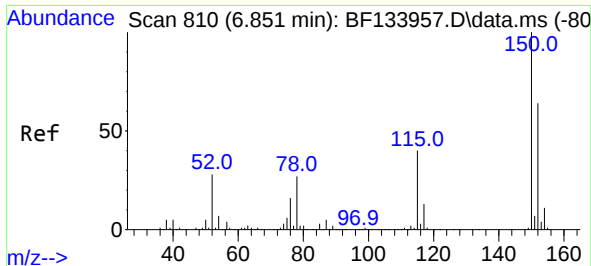
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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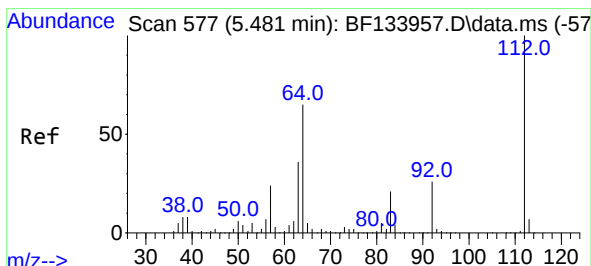
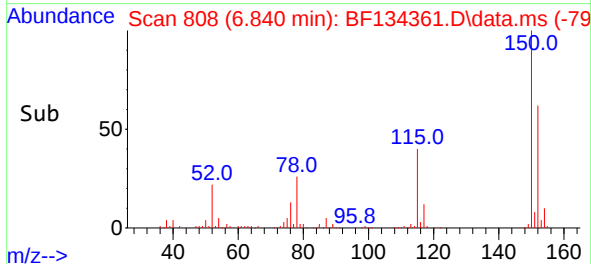
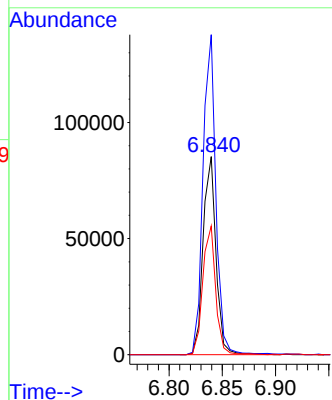
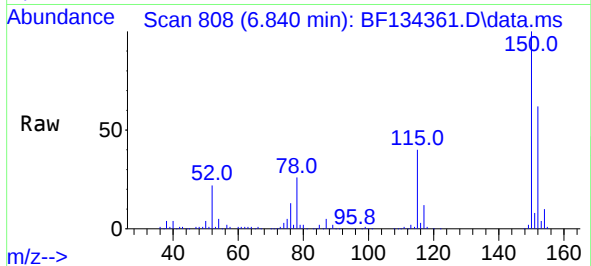




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

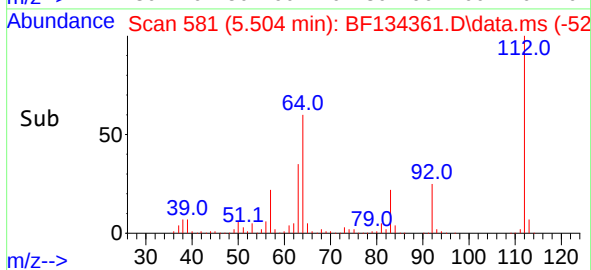
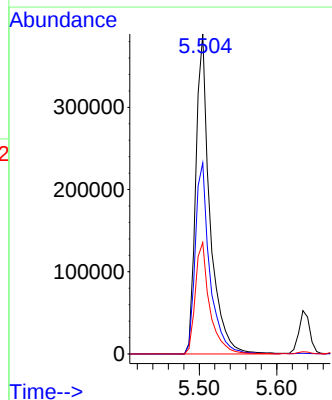
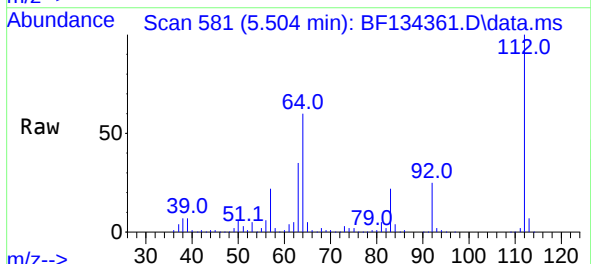
Instrument :
BNA_F
ClientSampleId :
IDW-7-11-23

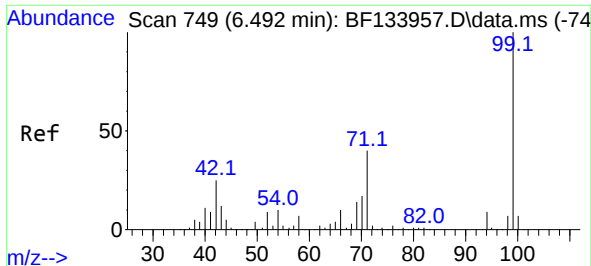
Tgt Ion:152 Resp: 71957
Ion Ratio Lower Upper
152 100
150 161.6 124.5 186.7
115 65.0 50.2 75.2



#5
2-Fluorophenol
Concen: 114.426 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.035 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

Tgt Ion:112 Resp: 492222
Ion Ratio Lower Upper
112 100
64 59.7 52.1 78.1
63 34.8 28.6 42.8

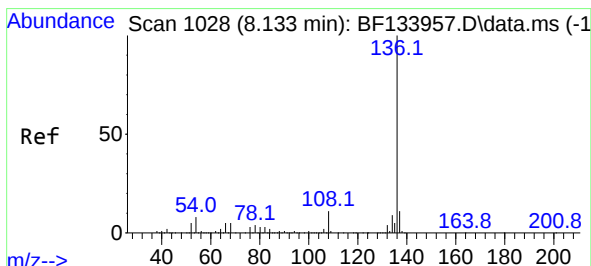
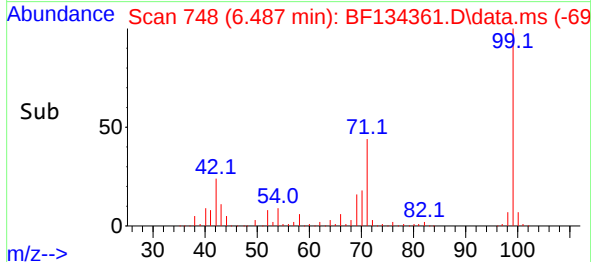
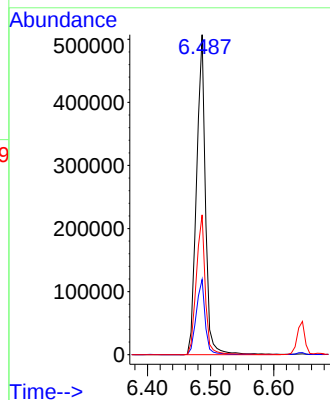
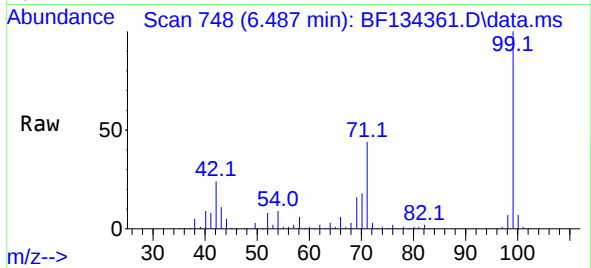




#7
Phenol-d6
Concen: 94.001 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

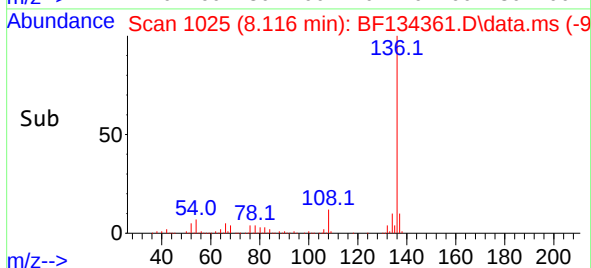
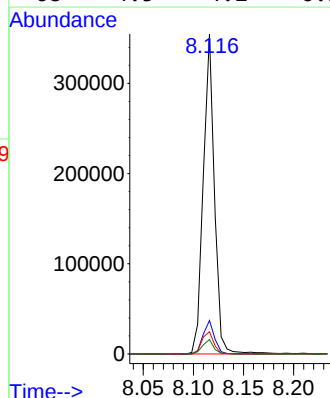
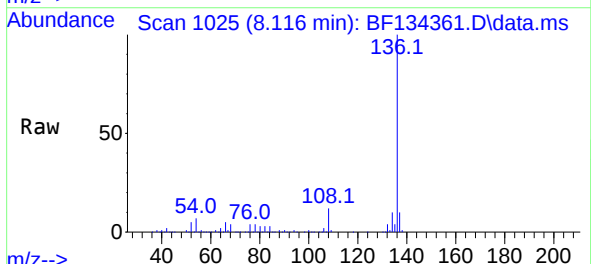
Instrument :
BNA_F
ClientSampleId :
IDW-7-11-23

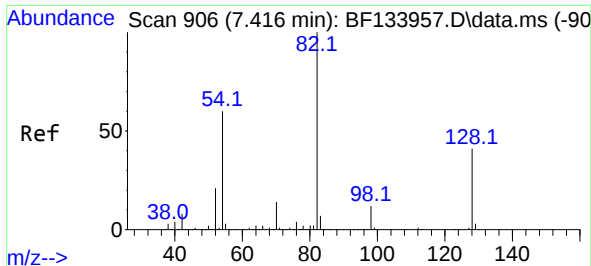
Tgt Ion: 99 Resp: 497285
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.6
71 43.7 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

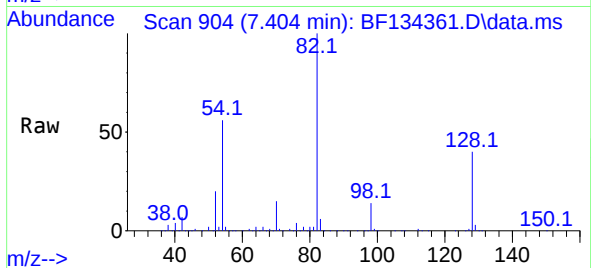
Tgt Ion: 136 Resp: 276474
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 6.9 6.5 9.7
68 4.5 4.2 6.2



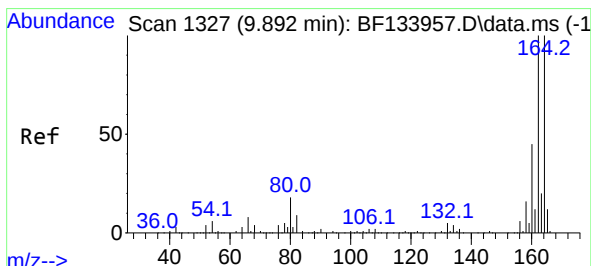
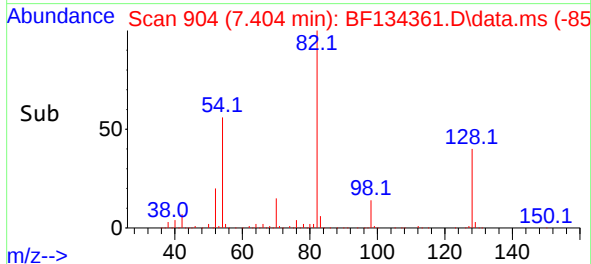
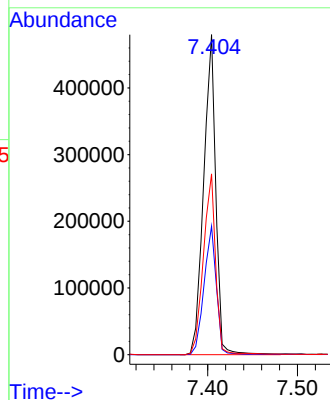


#23
Nitrobenzene-d5
Concen: 87.945 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

Instrument :
BNA_F
ClientSampleId :
IDW-7-11-23

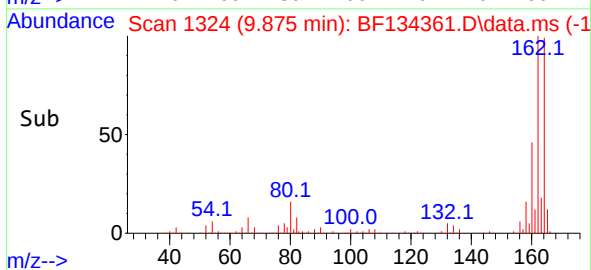
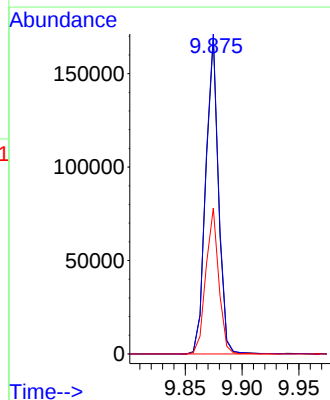
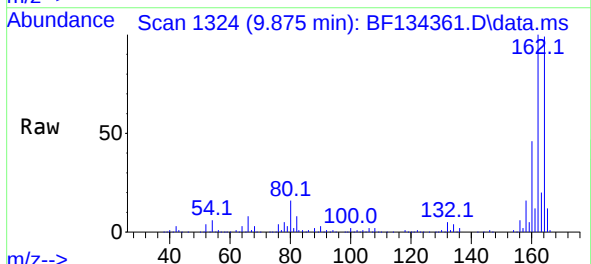


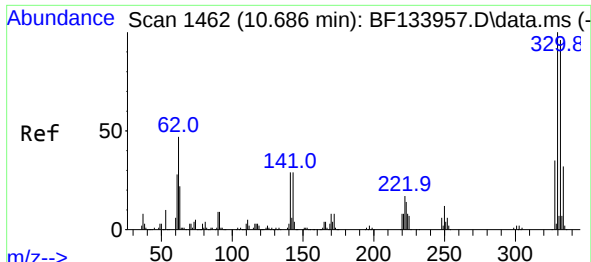
Tgt Ion: 82 Resp: 451057
Ion Ratio Lower Upper
82 100
128 40.2 32.5 48.7
54 56.5 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

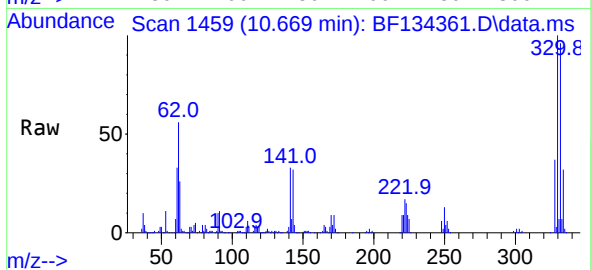
Tgt Ion: 164 Resp: 130941
Ion Ratio Lower Upper
164 100
162 101.1 80.0 120.0
160 46.1 35.9 53.9



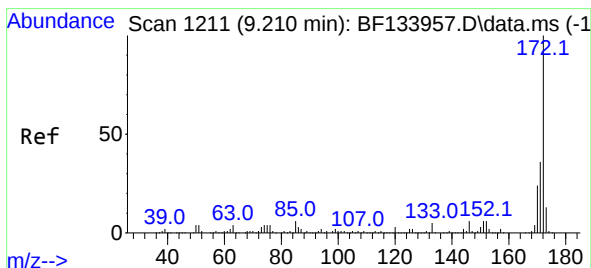
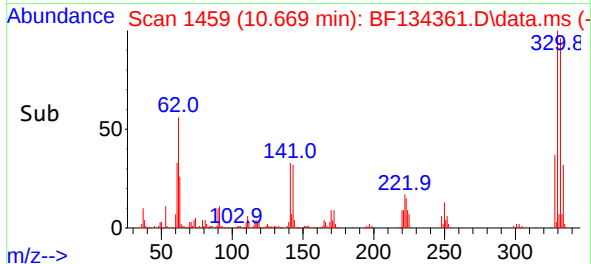
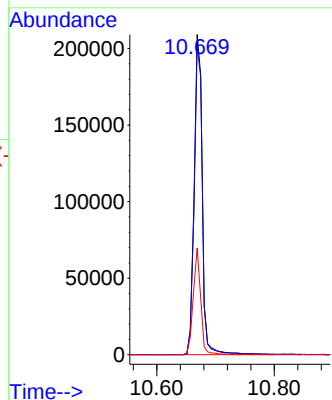


#42
2,4,6-Tribromophenol
Concen: 121.870 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

Instrument :
BNA_F
ClientSampleId :
IDW-7-11-23

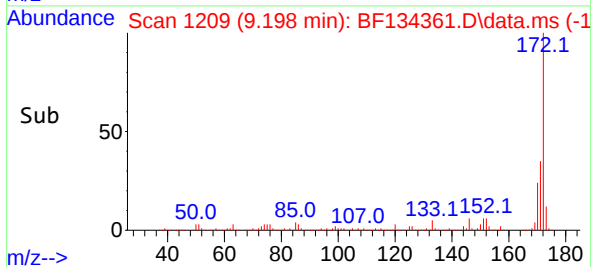
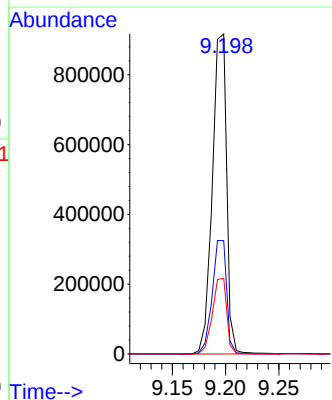
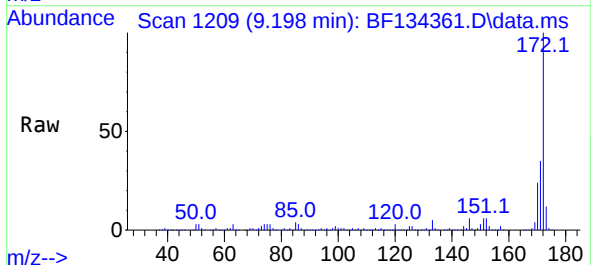


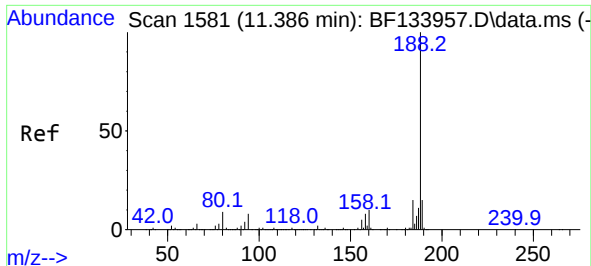
Tgt Ion:330 Resp: 200079
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 30.8 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 95.860 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

Tgt Ion:172 Resp: 863336
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.7 19.4 29.0

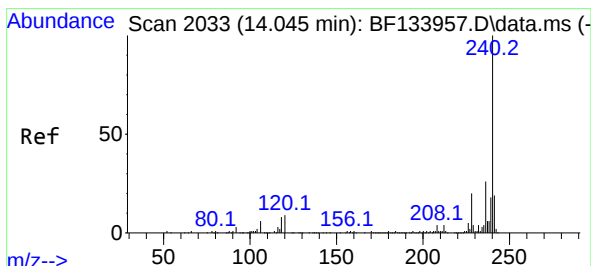
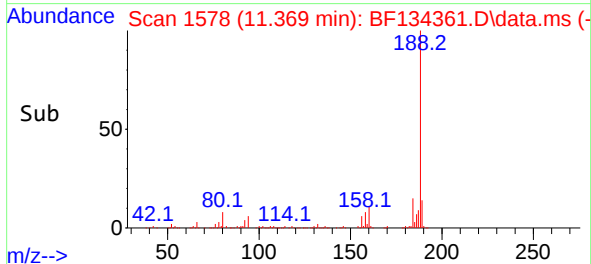
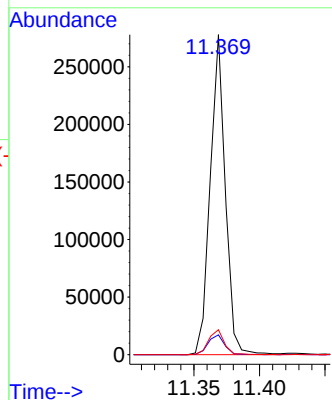
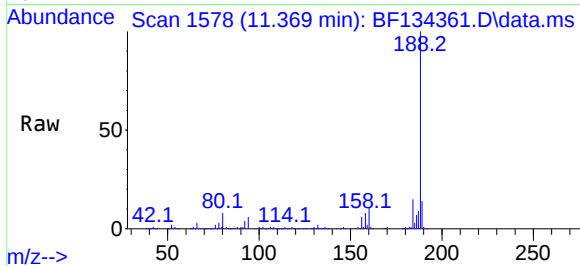




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

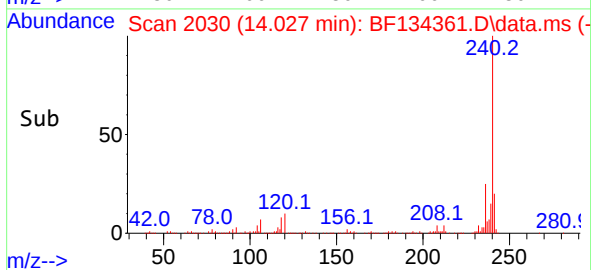
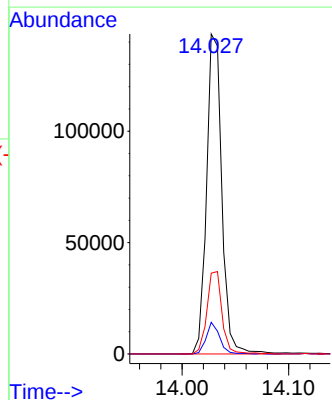
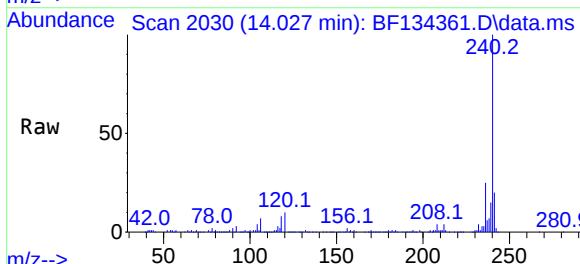
Instrument :
BNA_F
ClientSampleId :
IDW-7-11-23

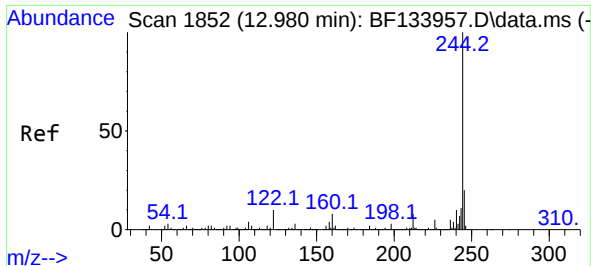
Tgt Ion:188 Resp: 222932
Ion Ratio Lower Upper
188 100
94 6.2 6.4 9.6#
80 7.8 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

Tgt Ion:240 Resp: 143494
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 25.2 21.0 31.6

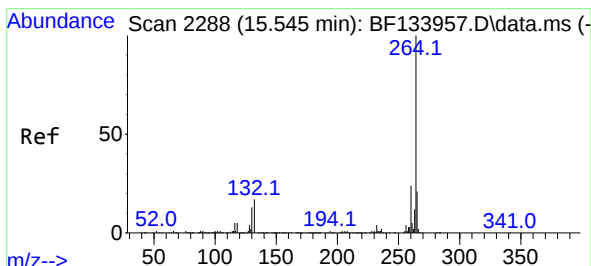
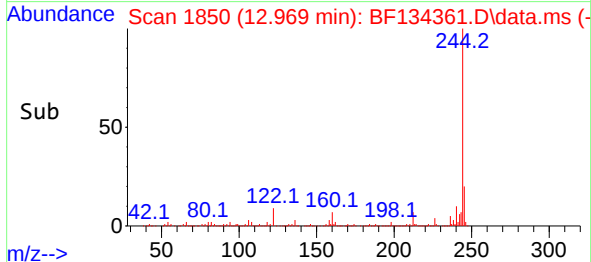
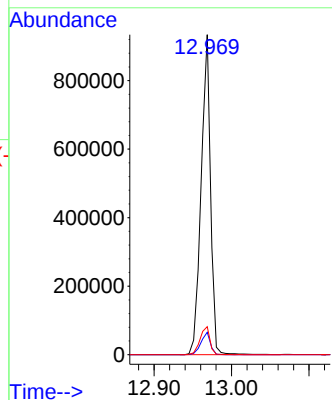
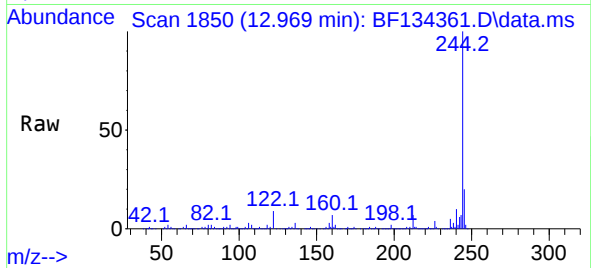




#79
 Terphenyl-d14
 Concen: 88.321 ng
 RT: 12.969 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134361.D
 Acq: 19 Jul 2023 16:23

Instrument :
 BNA_F
 ClientSampleId :
 IDW-7-11-23

Tgt Ion:244 Resp: 787464
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.8 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: BF134361.D
 Acq: 19 Jul 2023 16:23

Tgt Ion:264 Resp: 119449
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.2 16.6 25.0

