

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134111.D
 Acq On : 06 Jul 2023 23:03
 Operator : CG\JU
 Sample : 03492-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TB-TP1

Quant Time: Jul 07 02:13:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	104400	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	391811	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	201170	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	410958	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	280214	20.000	ng	-0.02
86) Perylene-d12	15.539	264	225124	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	800684	128.291	ng	0.01
7) Phenol-d6	6.487	99	915708	119.305	ng	0.00
23) Nitrobenzene-d5	7.410	82	709805	97.655	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	363344	144.054	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1283631	92.770	ng	0.00
79) Terphenyl-d14	12.980	244	1576727	90.560	ng	0.00

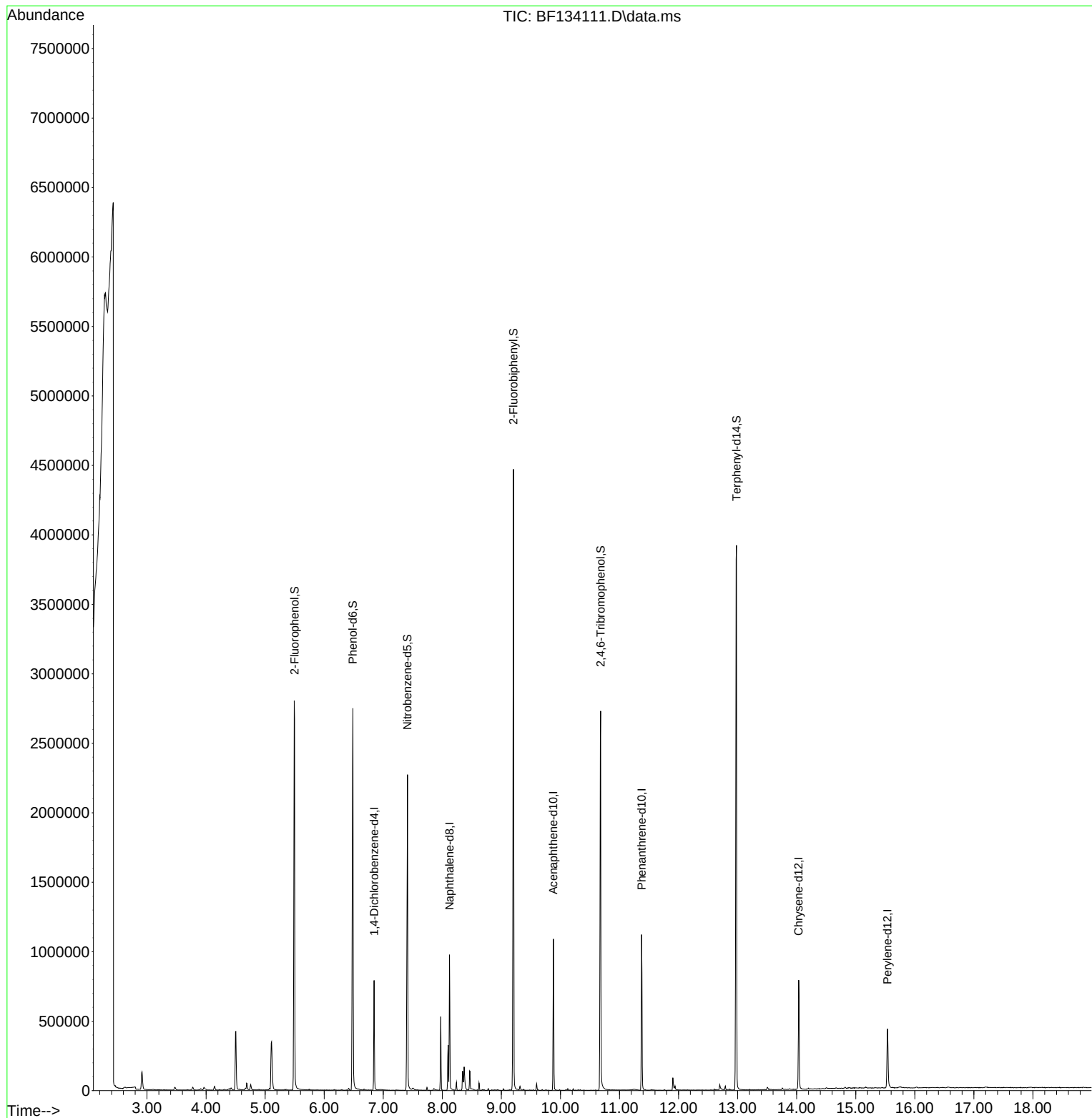
Target Compounds	Qvalue

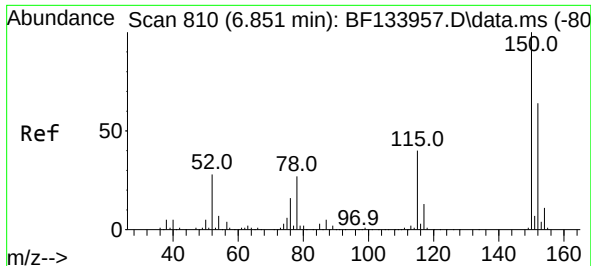
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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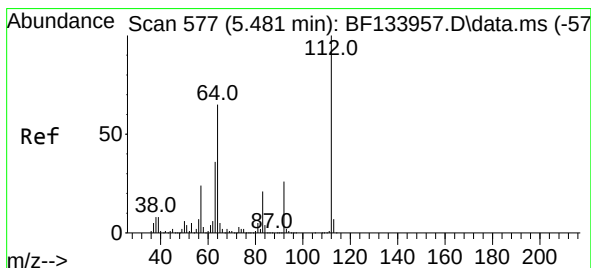
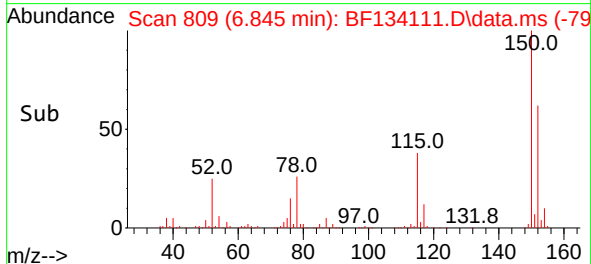
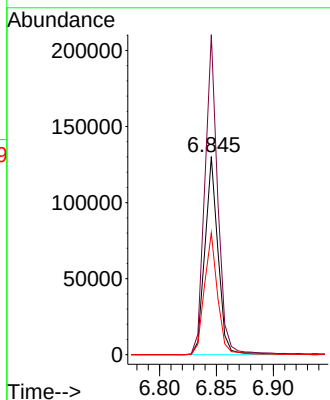
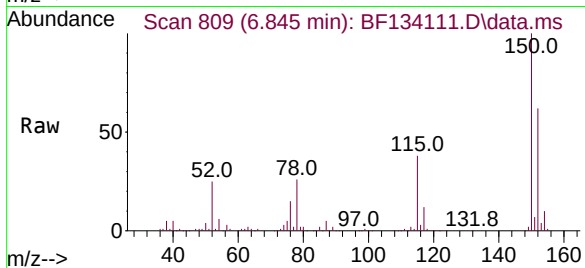




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134111.D
Acq: 06 Jul 2023 23:03

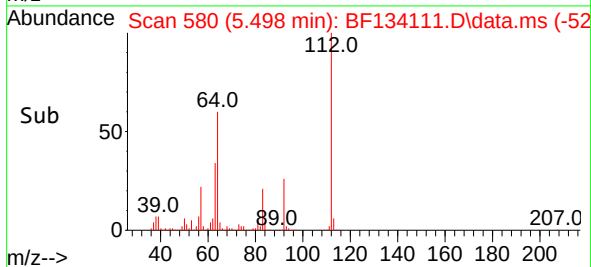
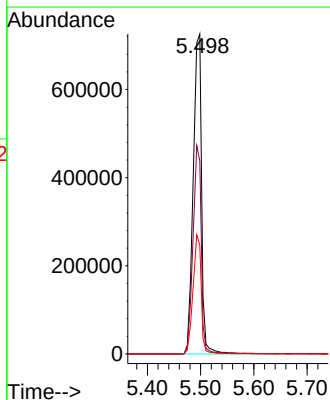
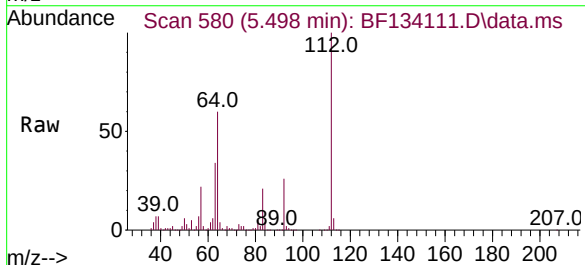
Instrument :
BNA_F
ClientSampleId :
TB-TP1

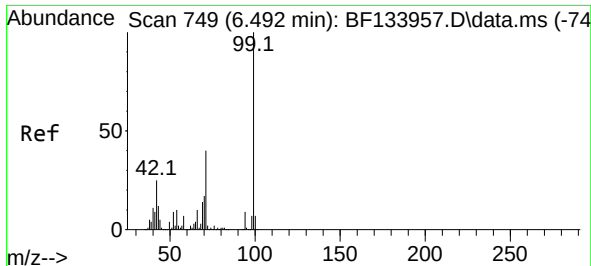
Tgt Ion:152 Resp: 104400
Ion Ratio Lower Upper
152 100
150 161.5 124.5 186.7
115 61.4 50.2 75.2



#5
2-Fluorophenol
Concen: 128.291 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134111.D
Acq: 06 Jul 2023 23:03

Tgt Ion:112 Resp: 800684
Ion Ratio Lower Upper
112 100
64 60.3 52.1 78.1
63 34.0 28.6 42.8

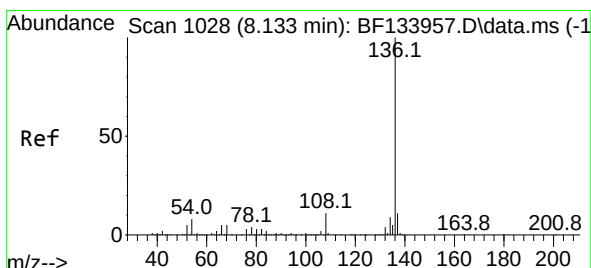
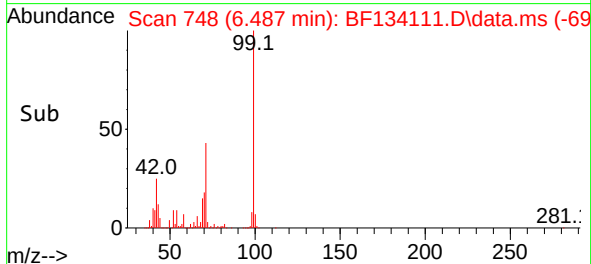
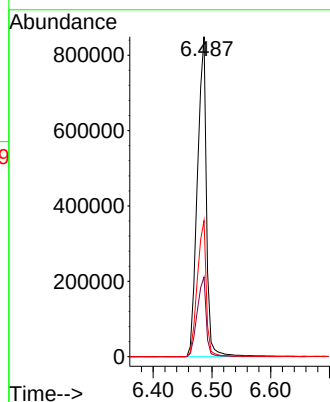
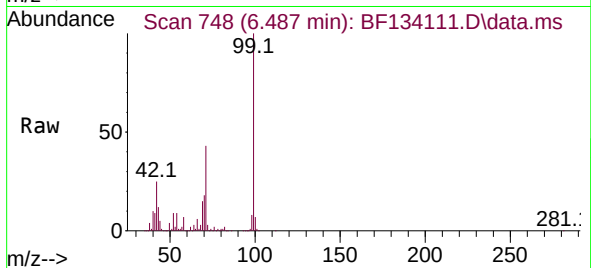




#7
Phenol-d6
Concen: 119.305 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134111.D
Acq: 06 Jul 2023 23:03

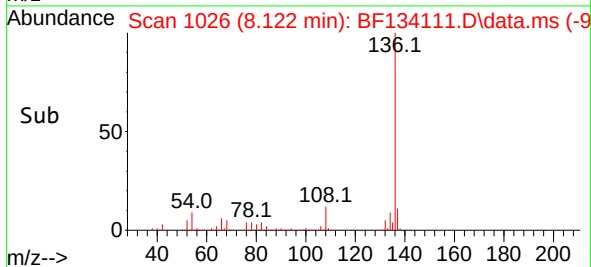
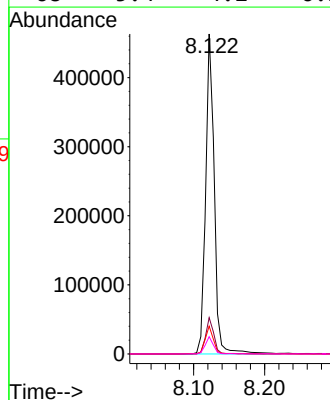
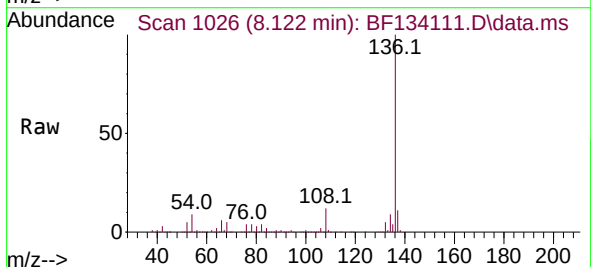
Instrument :
BNA_F
ClientSampleId :
TB-TP1

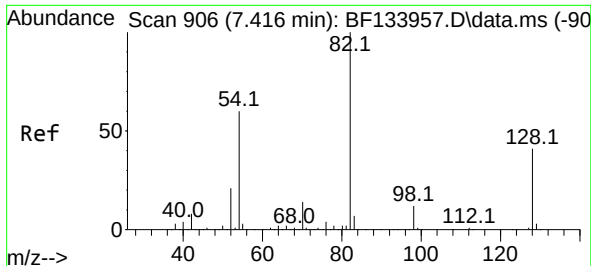
Tgt Ion: 99 Resp: 915708
Ion Ratio Lower Upper
99 100
42 24.9 19.8 29.6
71 42.6 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134111.D
Acq: 06 Jul 2023 23:03

Tgt Ion: 136 Resp: 391811
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 8.7 6.5 9.7
68 5.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 97.655 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134111.D

Acq: 06 Jul 2023 23:03

Instrument :

BNA_F

ClientSampleId :

TB-TP1

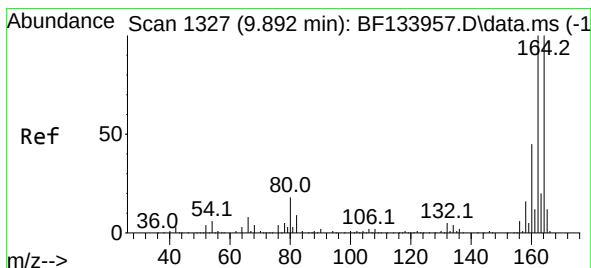
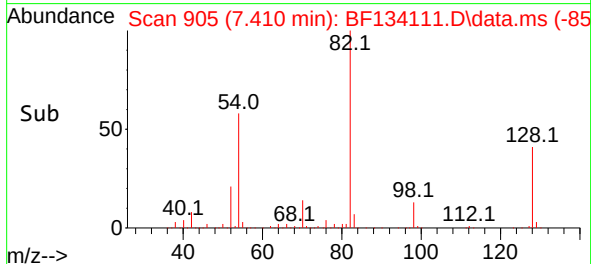
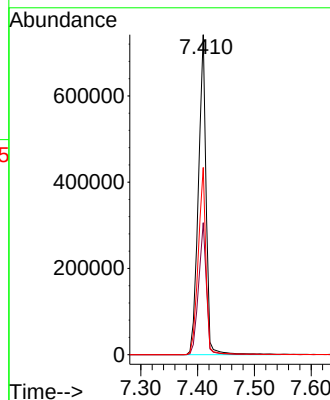
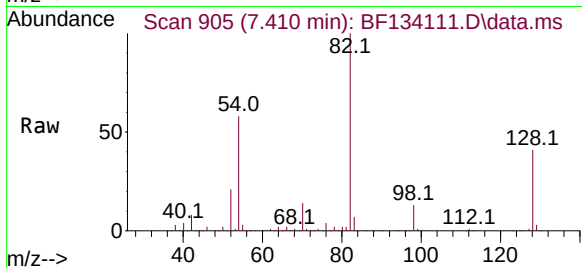
Tgt Ion: 82 Resp: 709805

Ion Ratio Lower Upper

82 100

128 41.2 32.5 48.7

54 58.5 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF134111.D

Acq: 06 Jul 2023 23:03

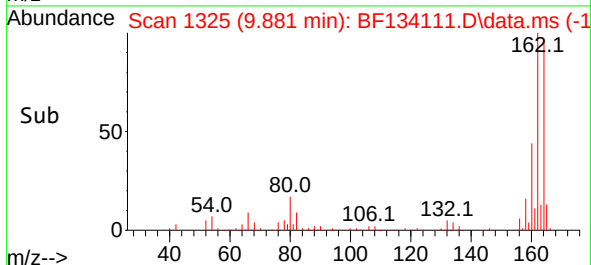
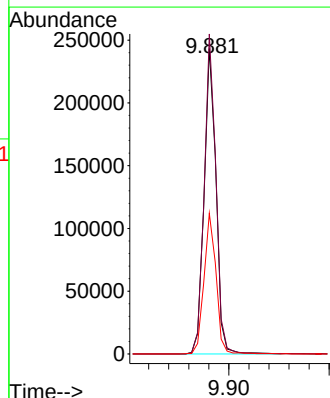
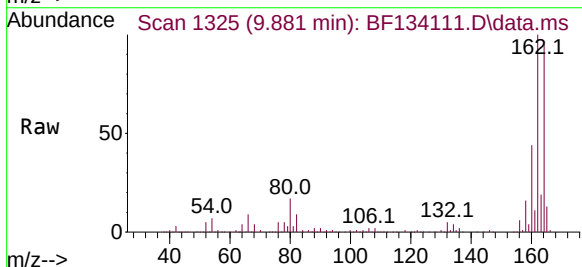
Tgt Ion:164 Resp: 201170

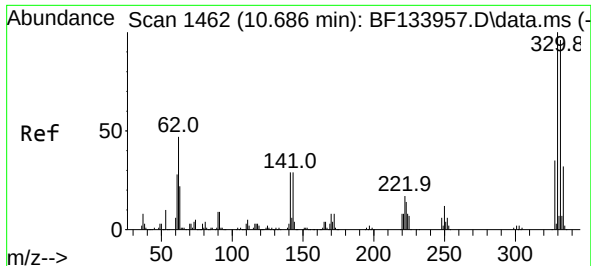
Ion Ratio Lower Upper

164 100

162 104.8 80.0 120.0

160 46.0 35.9 53.9

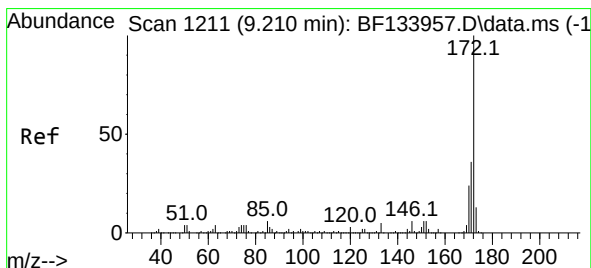
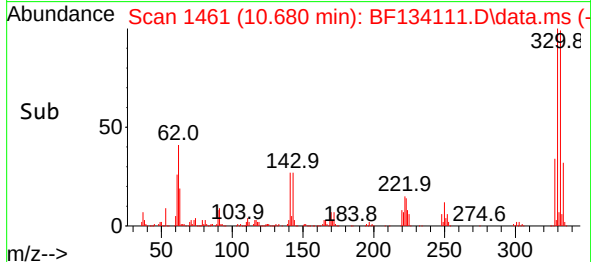
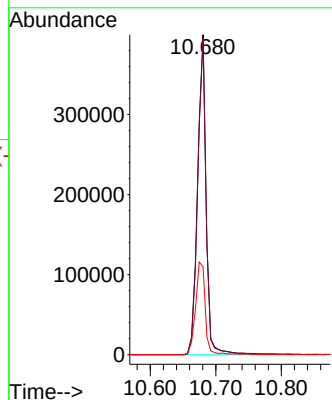
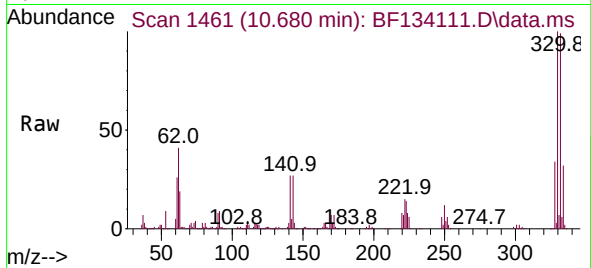




#42
2,4,6-Tribromophenol
Concen: 144.054 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF134111.D
Acq: 06 Jul 2023 23:03

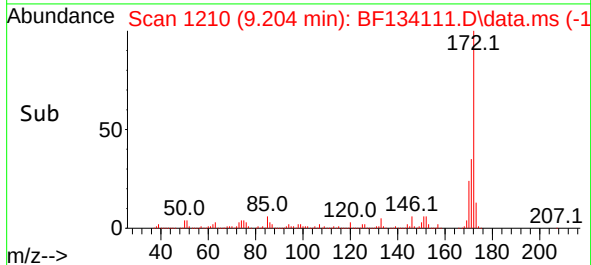
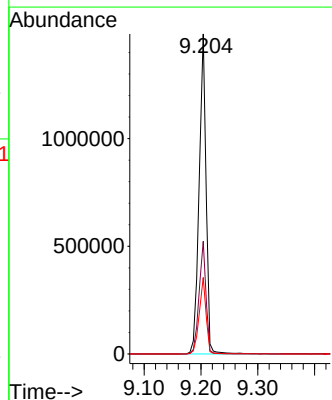
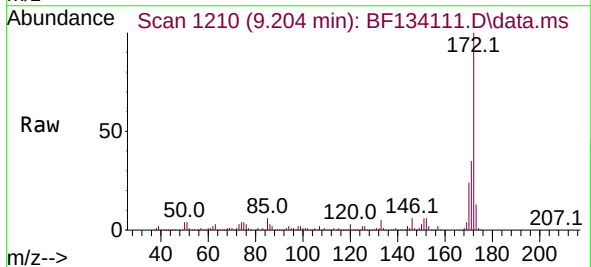
Instrument :
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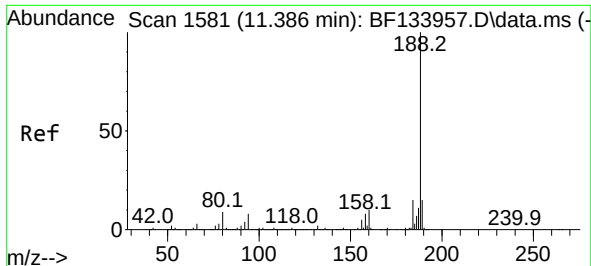
Tgt Ion:330 Resp: 363344
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 32.9 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 92.770 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134111.D
Acq: 06 Jul 2023 23:03

Tgt Ion:172 Resp: 1283631
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.9 19.4 29.0

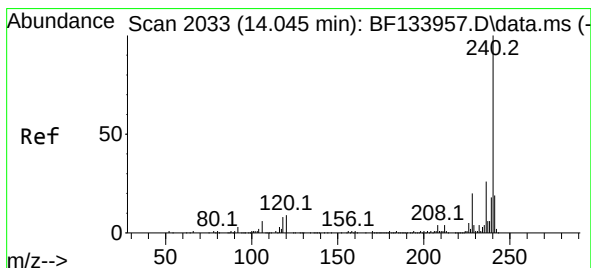
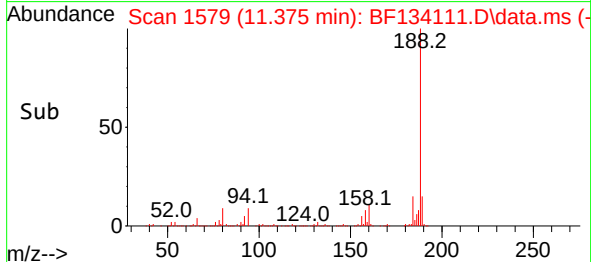
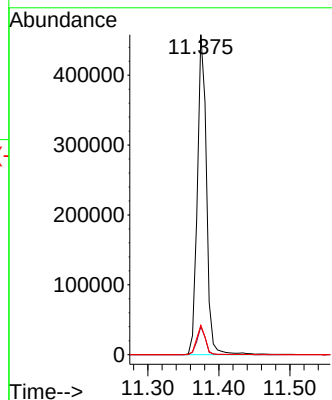
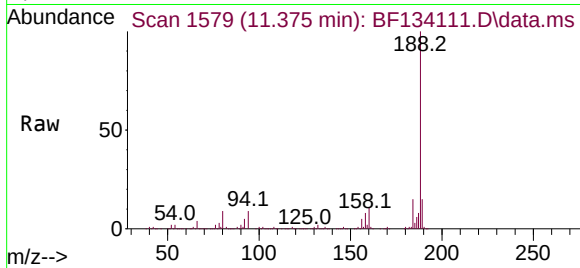




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134111.D
Acq: 06 Jul 2023 23:03

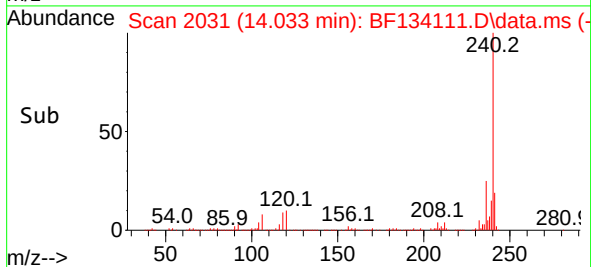
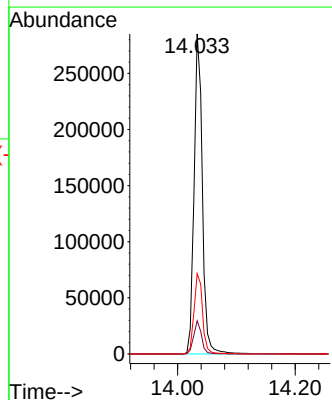
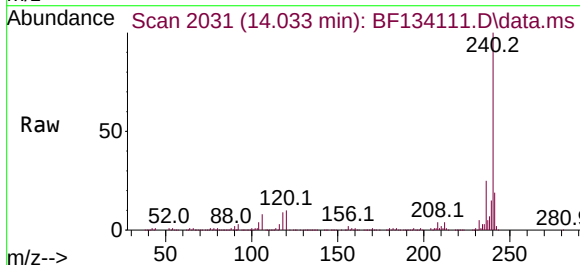
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BNA_F
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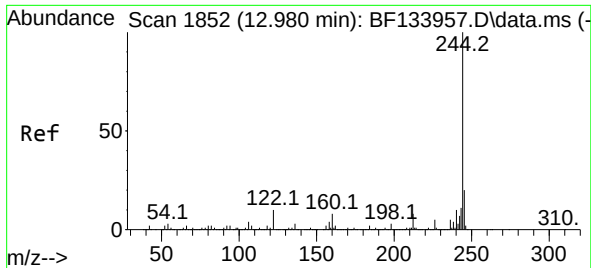
Tgt Ion:188 Resp: 410958
Ion Ratio Lower Upper
188 100
94 8.8 6.4 9.6
80 9.2 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134111.D
Acq: 06 Jul 2023 23:03

Tgt Ion:240 Resp: 280214
Ion Ratio Lower Upper
240 100
120 10.4 7.4 11.0
236 25.1 21.0 31.6

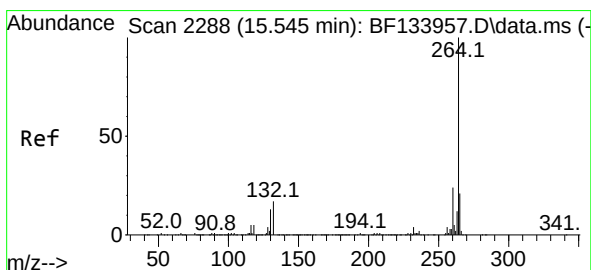
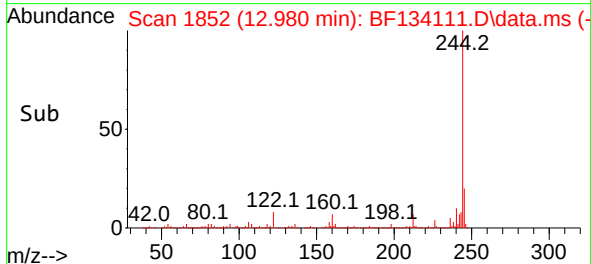
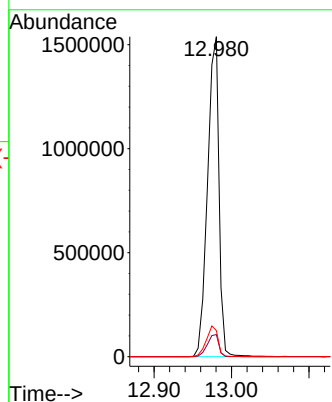
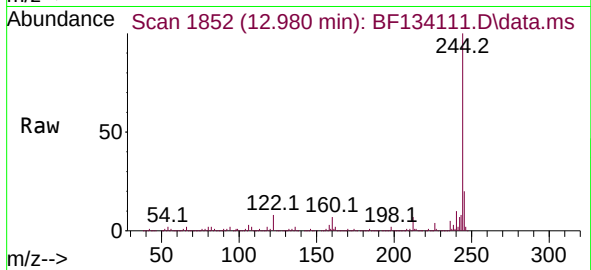




#79
 Terphenyl-d14
 Concen: 90.560 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134111.D
 Acq: 06 Jul 2023 23:03

Instrument :
 BNA_F
 ClientSampleId :
 TB-TP1

Tgt Ion:244 Resp: 1576727
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.2 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134111.D
 Acq: 06 Jul 2023 23:03

Tgt Ion:264 Resp: 225124
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 20.7 16.6 25.0

