

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134205.D
 Acq On : 11 Jul 2023 10:12
 Operator : CG\JU
 Sample : PB153986BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153986BL

Quant Time: Jul 12 01:00:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	113270	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	447657	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	252213	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	488893	20.000	ng	0.00
76) Chrysene-d12	14.039	240	236017	20.000	ng	0.00
86) Perylene-d12	15.545	264	227986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	851289	125.718	ng	0.02
7) Phenol-d6	6.487	99	1016371	122.050	ng	0.00
23) Nitrobenzene-d5	7.410	82	705079	84.903	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	382296	120.894	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1450001	83.586	ng	0.00
79) Terphenyl-d14	12.980	244	1544026	105.288	ng	0.00

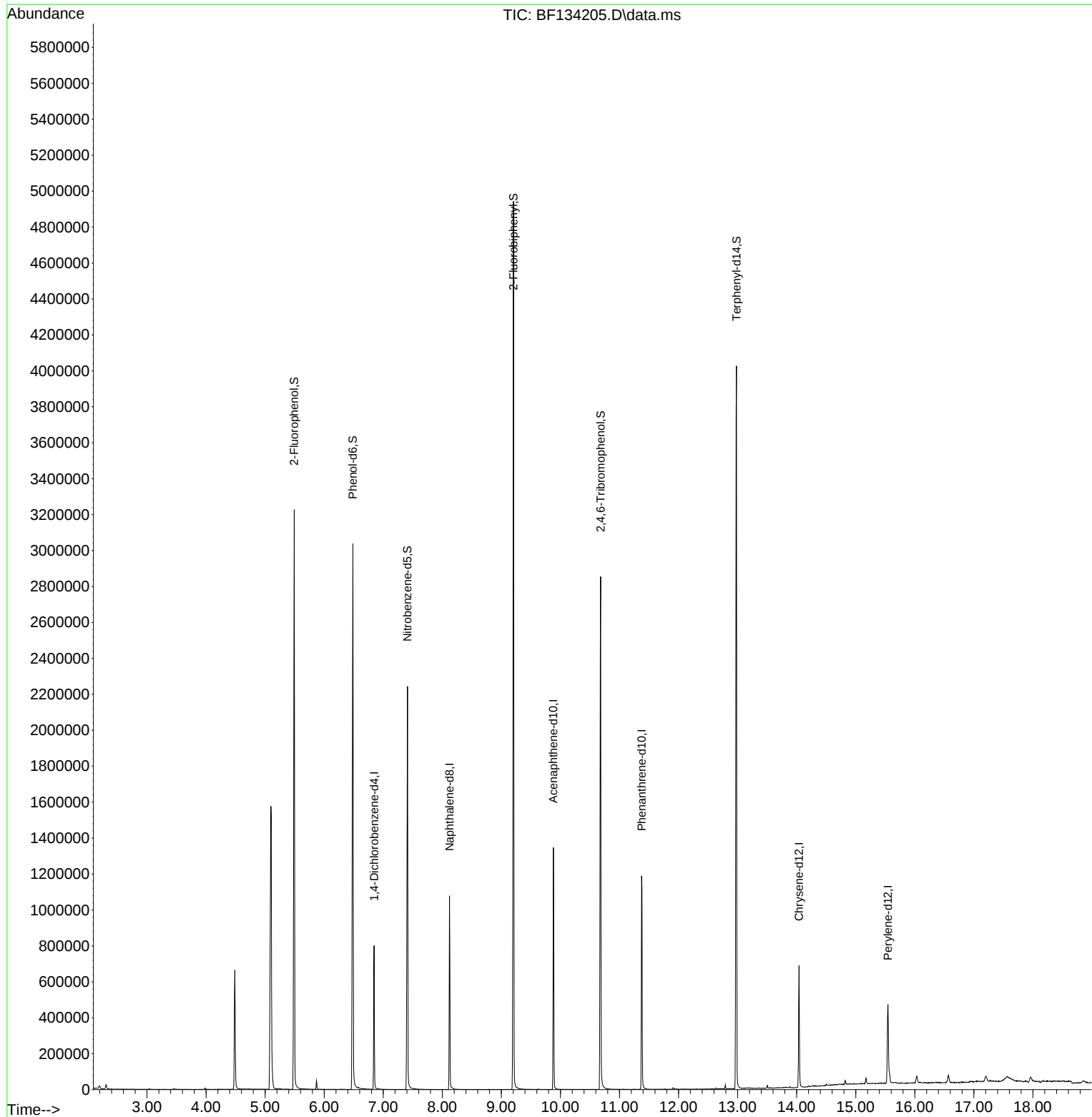
Target Compounds	Qvalue

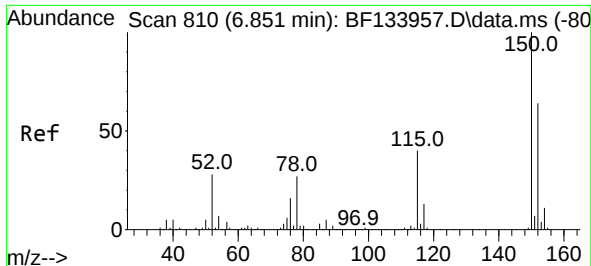
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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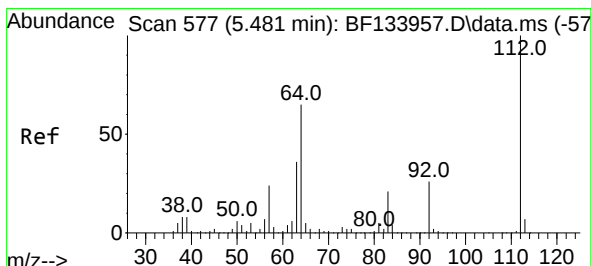
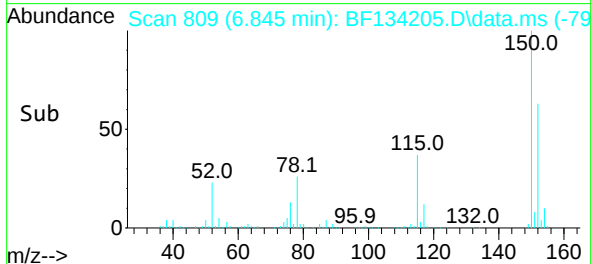
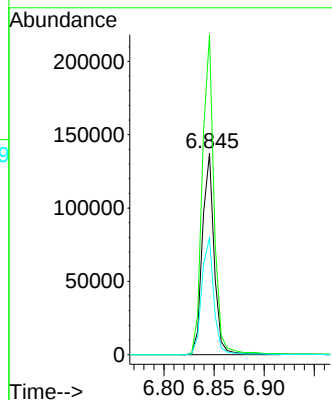
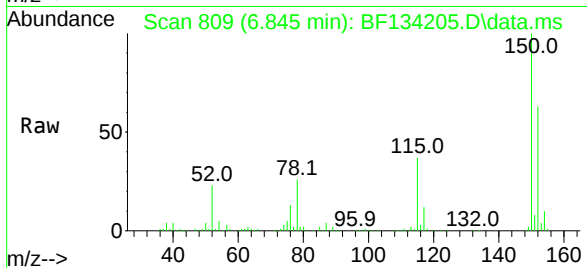




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134205.D
Acq: 11 Jul 2023 10:12

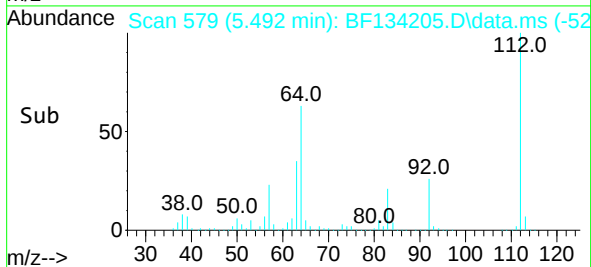
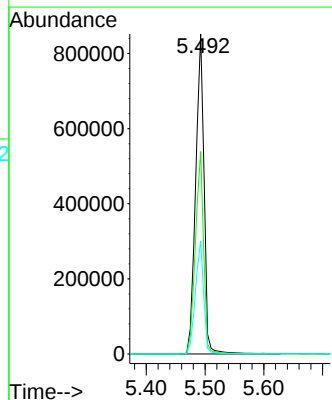
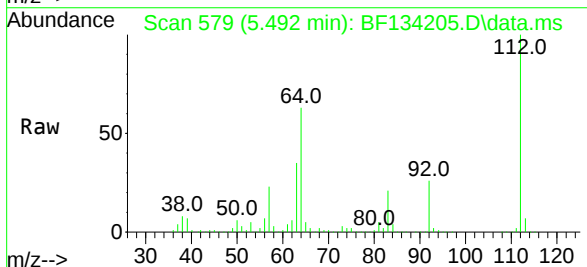
Instrument :
BNA_F
ClientSampleId :
PB153986BL

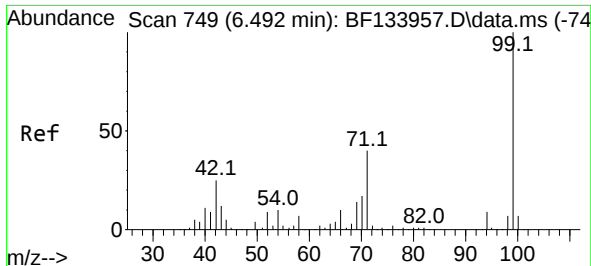
Tgt Ion:152 Resp: 113270
Ion Ratio Lower Upper
152 100
150 158.8 124.5 186.7
115 58.0 50.2 75.2



#5
2-Fluorophenol
Concen: 125.718 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF134205.D
Acq: 11 Jul 2023 10:12

Tgt Ion:112 Resp: 851289
Ion Ratio Lower Upper
112 100
64 63.3 52.1 78.1
63 35.3 28.6 42.8

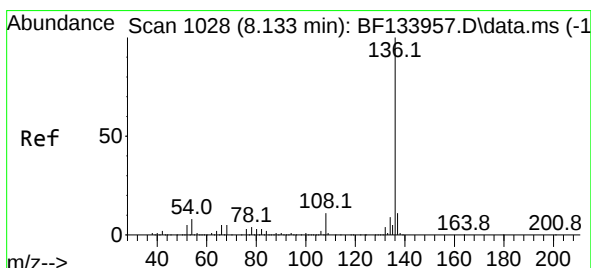
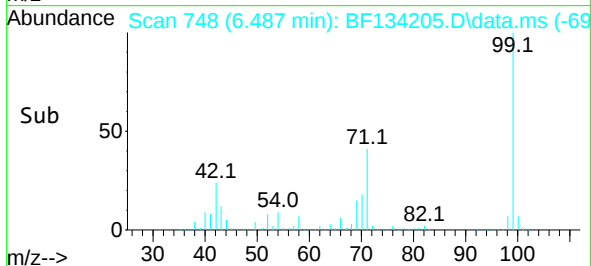
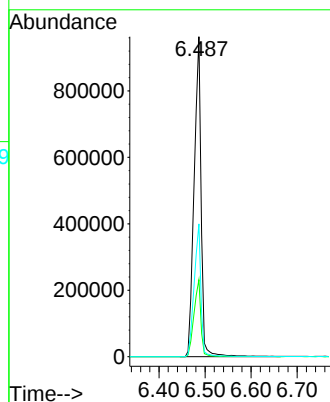
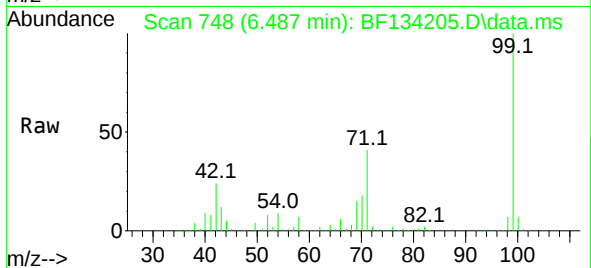




#7
Phenol-d6
Concen: 122.050 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134205.D
Acq: 11 Jul 2023 10:12

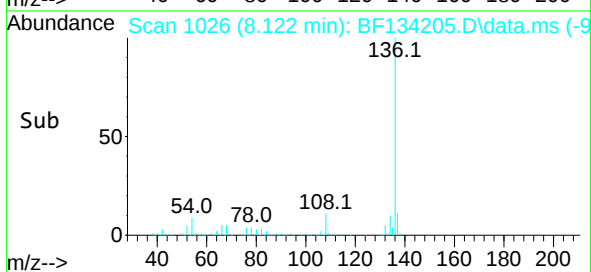
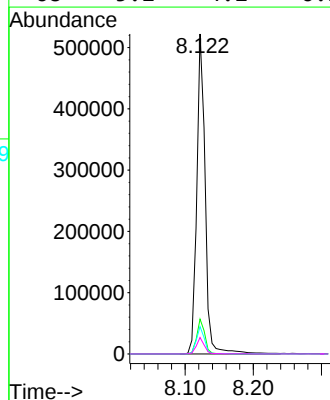
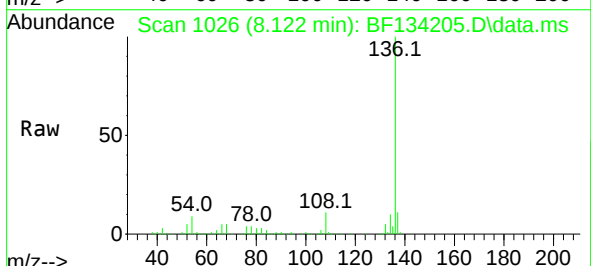
Instrument :
BNA_F
ClientSampleId :
PB153986BL

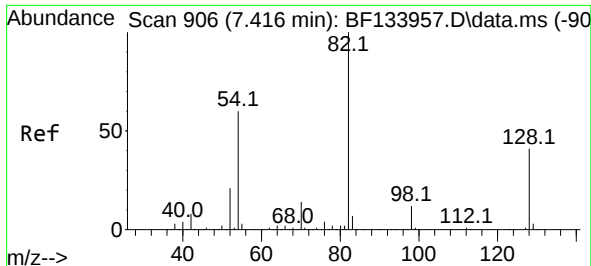
Tgt Ion: 99 Resp: 1016371
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 41.5 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134205.D
Acq: 11 Jul 2023 10:12

Tgt Ion: 136 Resp: 447657
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.5 6.5 9.7
68 5.2 4.2 6.2

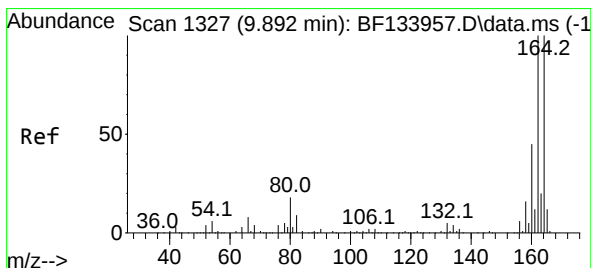
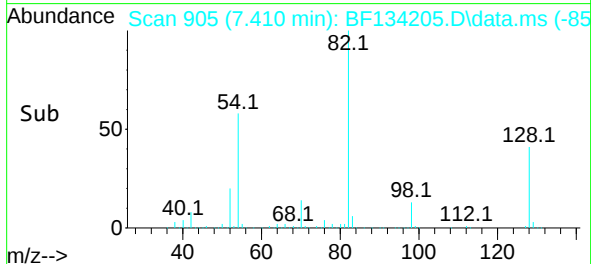
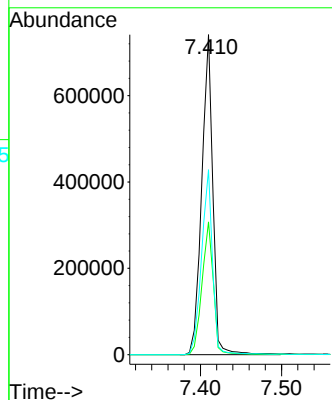
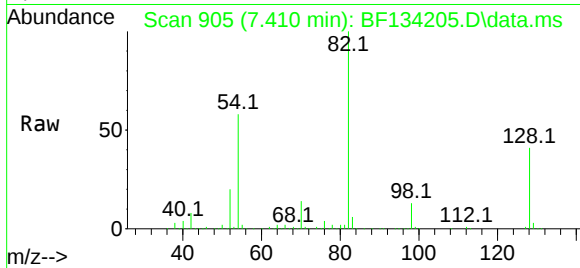




#23
 Nitrobenzene-d5
 Concen: 84.903 ng
 RT: 7.410 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: BF134205.D
 Acq: 11 Jul 2023 10:12

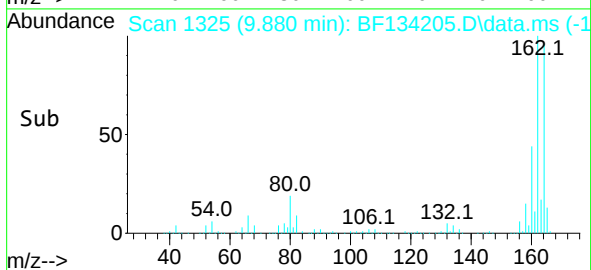
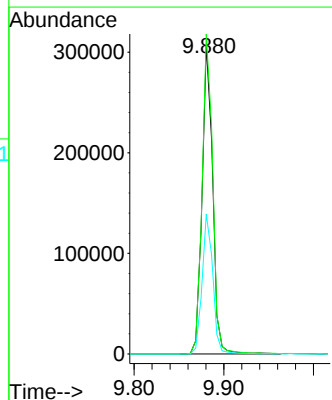
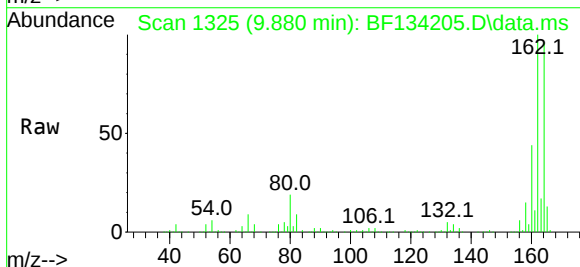
Instrument :
 BNA_F
 ClientSampleId :
 PB153986BL

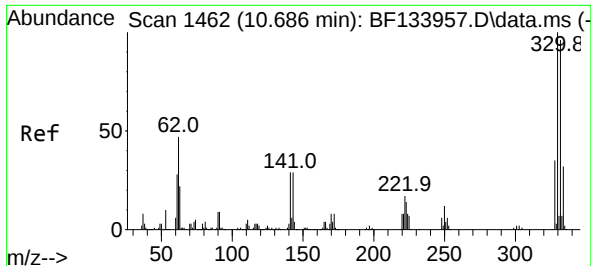
Tgt Ion: 82 Resp: 705079
 Ion Ratio Lower Upper
 82 100
 128 41.5 32.5 48.7
 54 57.8 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.880 min Scan# 1325
 Delta R.T. -0.006 min
 Lab File: BF134205.D
 Acq: 11 Jul 2023 10:12

Tgt Ion: 164 Resp: 252213
 Ion Ratio Lower Upper
 164 100
 162 103.8 80.0 120.0
 160 45.3 35.9 53.9

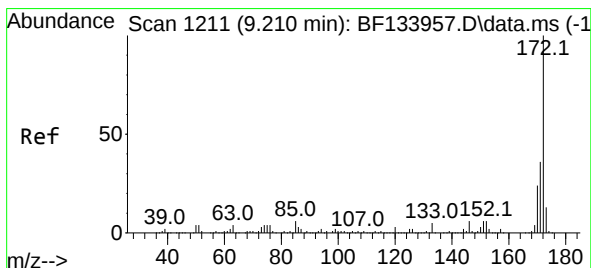
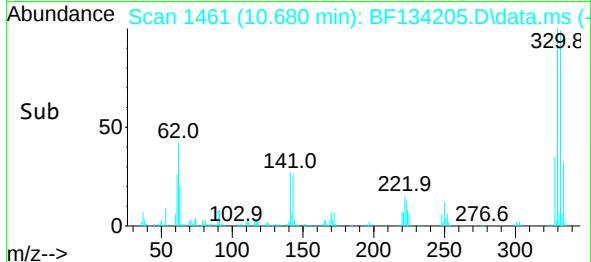
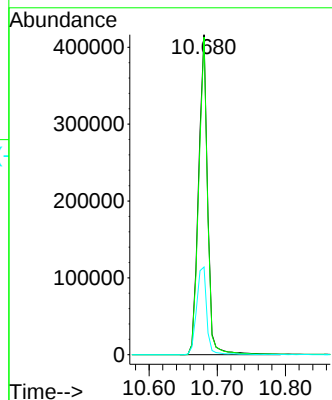
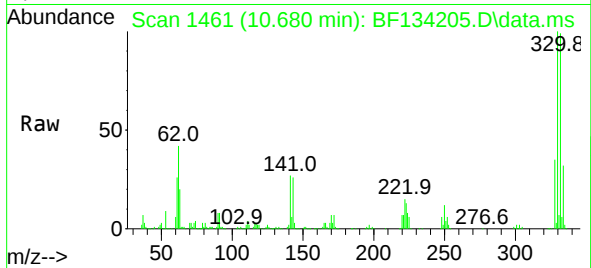




#42
2,4,6-Tribromophenol
Concen: 120.894 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF134205.D
Acq: 11 Jul 2023 10:12

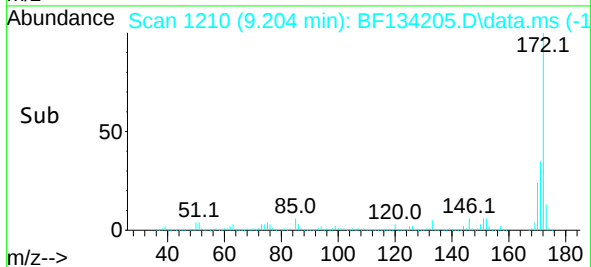
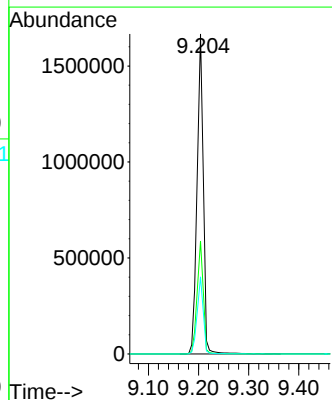
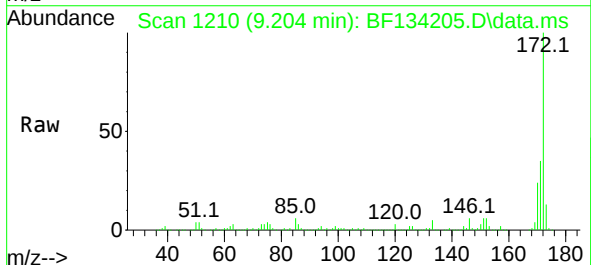
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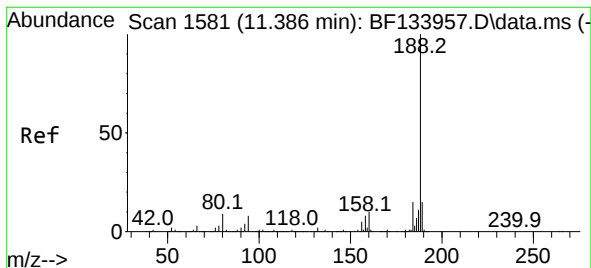
Tgt Ion:330 Resp: 382296
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 30.7 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 83.586 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF134205.D
Acq: 11 Jul 2023 10:12

Tgt Ion:172 Resp: 1450001
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.1 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134205.D

Acq: 11 Jul 2023 10:12

Instrument :

BNA_F

ClientSampleId :

PB153986BL

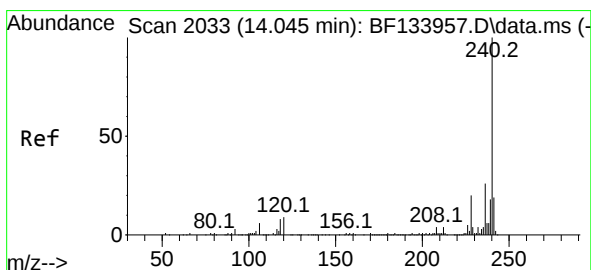
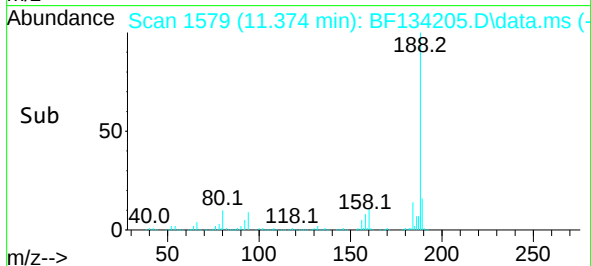
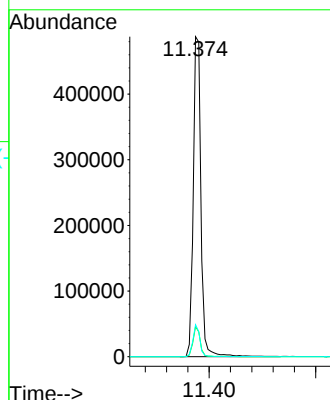
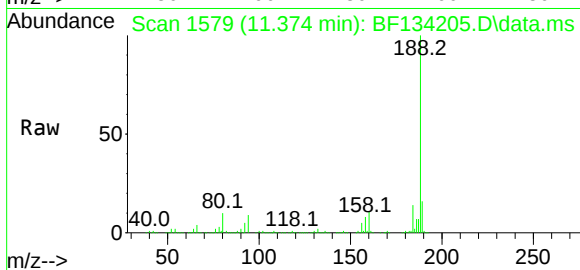
Tgt Ion:188 Resp: 488893

Ion Ratio Lower Upper

188 100

94 9.4 6.4 9.6

80 10.0 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF134205.D

Acq: 11 Jul 2023 10:12

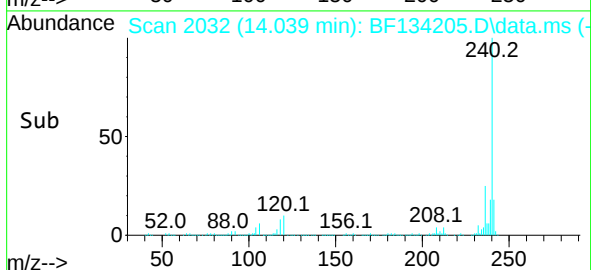
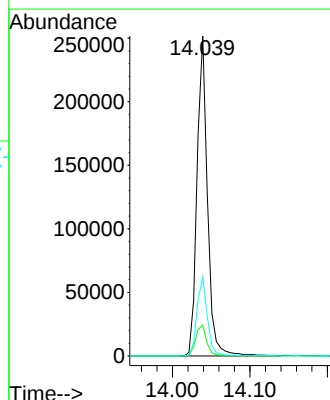
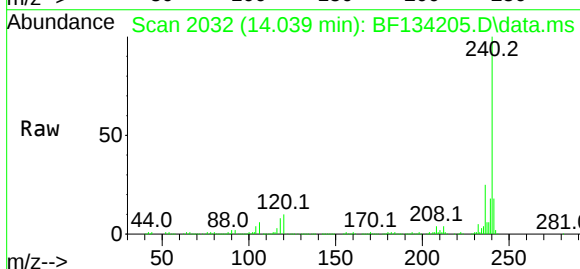
Tgt Ion:240 Resp: 236017

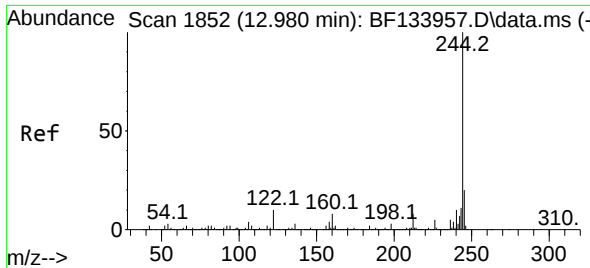
Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.0

236 24.7 21.0 31.6

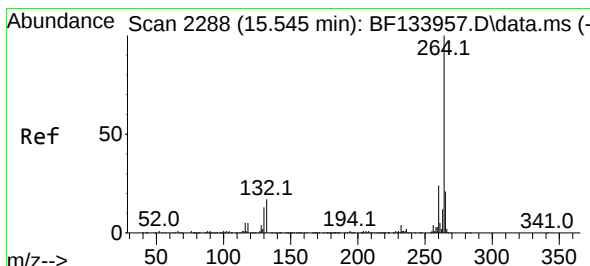
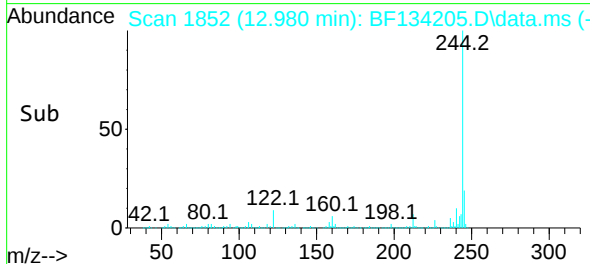
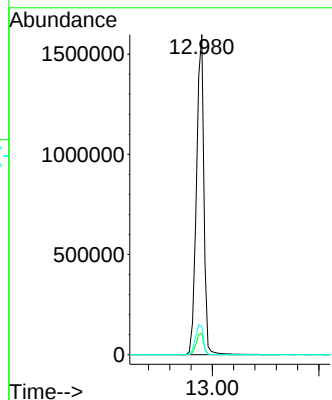
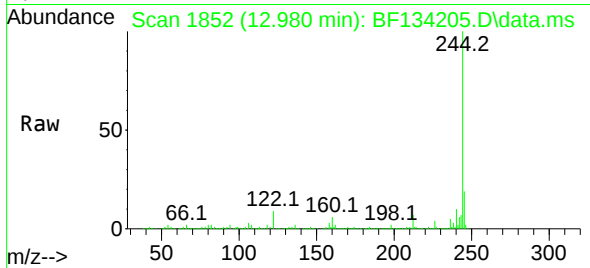




#79
 Terphenyl-d14
 Concen: 105.288 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF134205.D
 Acq: 11 Jul 2023 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB153986BL

Tgt Ion:244 Resp: 1544026
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 8.8 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: BF134205.D
 Acq: 11 Jul 2023 10:12

Tgt Ion:264 Resp: 227986
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 20.4 16.6 25.0

