

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134263.D
 Acq On : 13 Jul 2023 15:45
 Operator : CG\JU
 Sample : 03039-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Quant Time: Jul 13 16:23:30 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	6.839	152	84123	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	324498	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	162498	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	317088	20.000	ng	0.00
76) Chrysene-d12	14.033	240	241051	20.000	ng	0.00
86) Perylene-d12	15.539	264	220246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	167441	33.295	ng	0.00
7) Phenol-d6	6.469	99	123460	19.962	ng	-0.02
23) Nitrobenzene-d5	7.404	82	454473	75.497	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	141620	69.510	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	853680	76.380	ng	0.00
79) Terphenyl-d14	12.974	244	1016188	67.848	ng	0.00

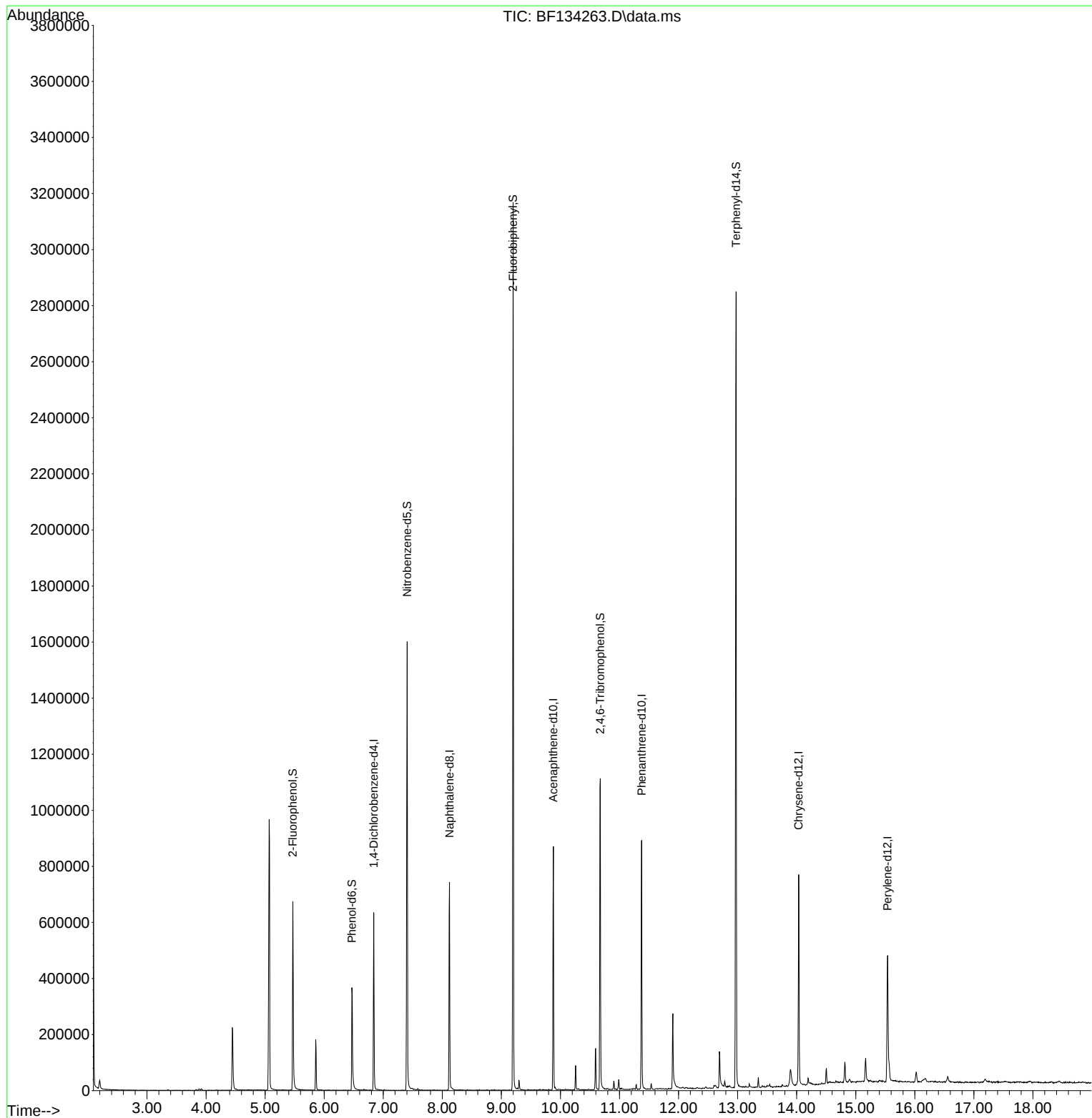
Target Compounds	Qvalue

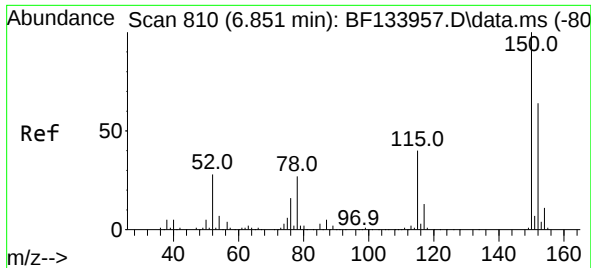
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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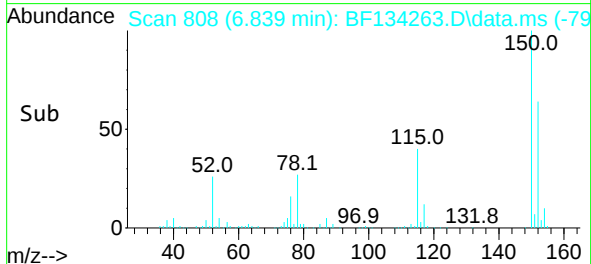
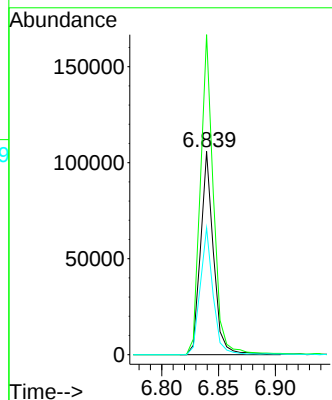
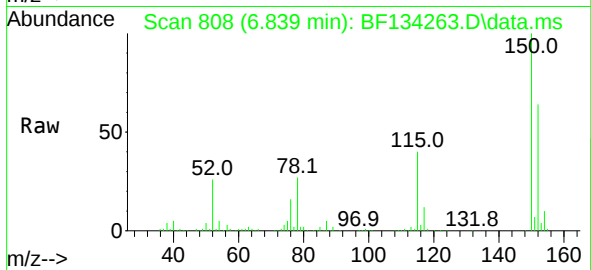




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

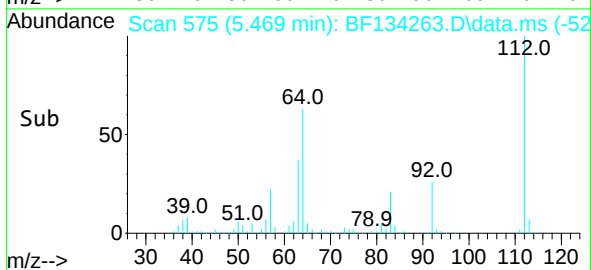
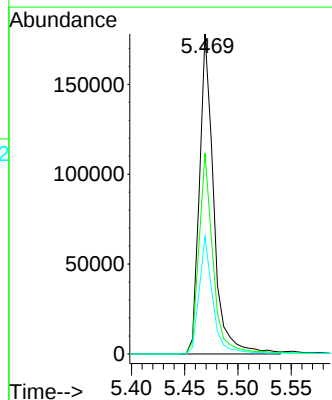
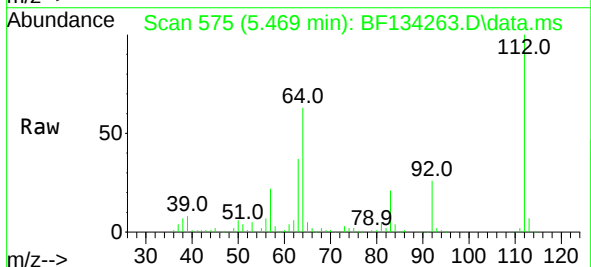
Instrument :
BNA_F
ClientSampleId :
MW-34

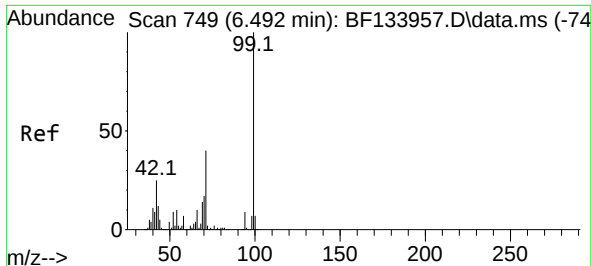
Tgt Ion:152 Resp: 84123
Ion Ratio Lower Upper
152 100
150 157.4 124.5 186.7
115 62.4 50.2 75.2



#5
2-Fluorophenol
Concen: 33.295 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

Tgt Ion:112 Resp: 167441
Ion Ratio Lower Upper
112 100
64 62.8 52.1 78.1
63 36.7 28.6 42.8

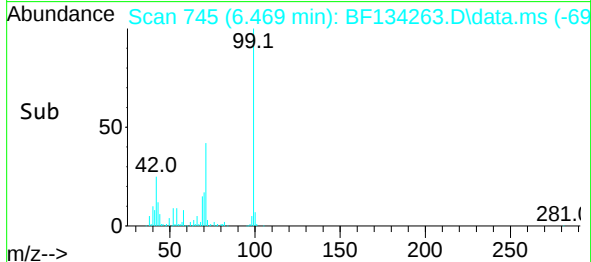
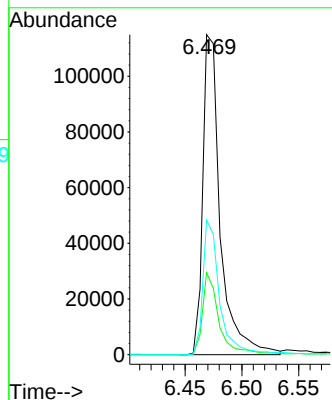
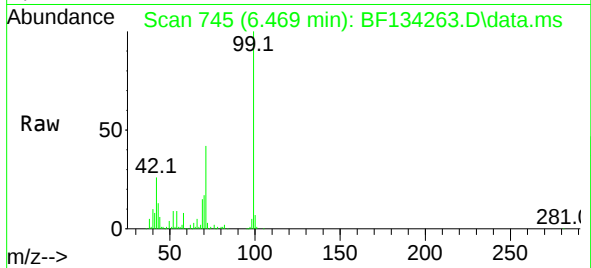




#7
Phenol-d6
Concen: 19.962 ng
RT: 6.469 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

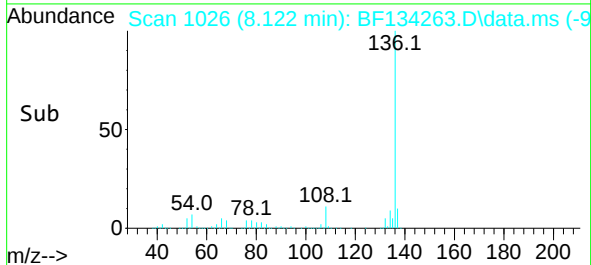
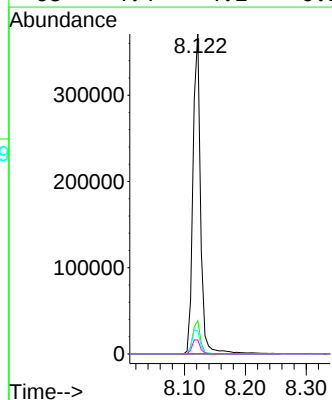
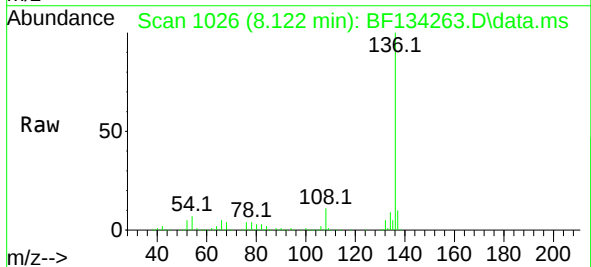
Instrument :
BNA_F
ClientSampleId :
MW-34

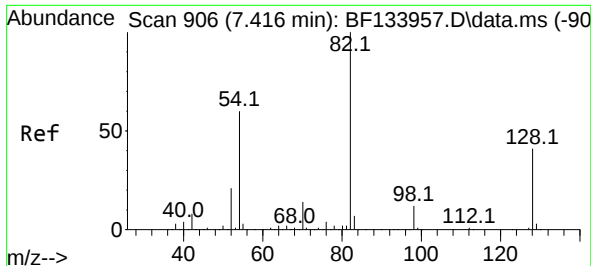
Tgt Ion: 99 Resp: 123460
Ion Ratio Lower Upper
99 100
42 25.6 19.8 29.6
71 42.1 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

Tgt Ion:136 Resp: 324498
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 7.2 6.5 9.7
68 4.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 75.497 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134263.D

Acq: 13 Jul 2023 15:45

Instrument :

BNA_F

ClientSampleId :

MW-34

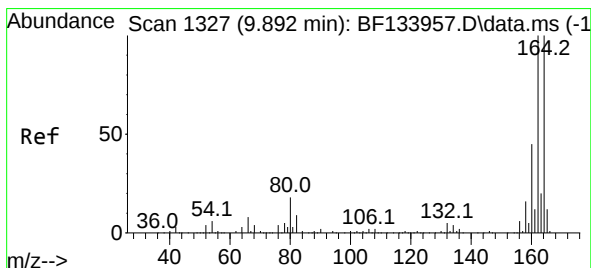
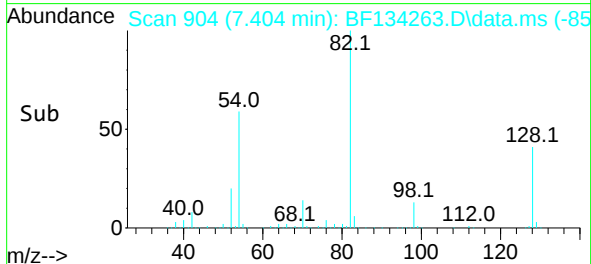
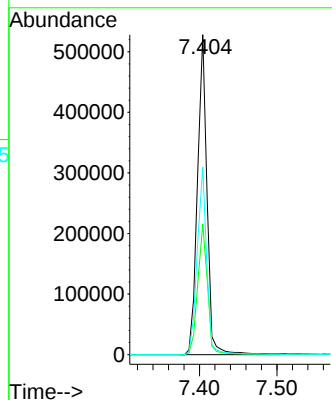
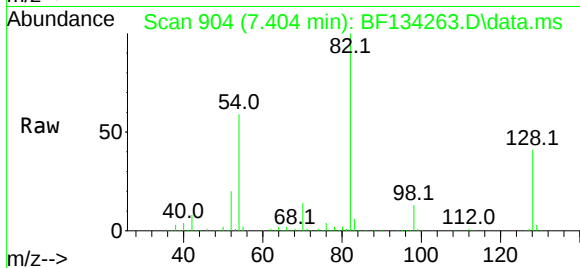
Tgt Ion: 82 Resp: 454473

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

54 58.7 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: BF134263.D

Acq: 13 Jul 2023 15:45

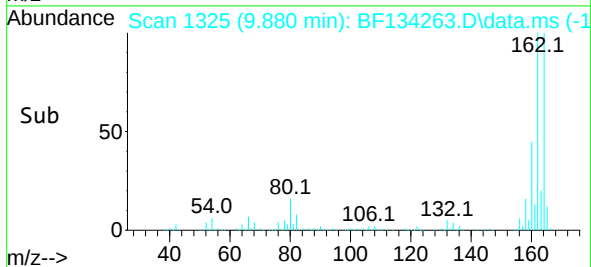
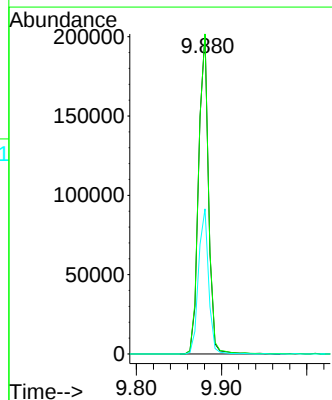
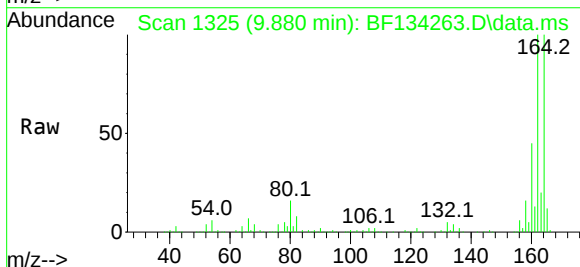
Tgt Ion:164 Resp: 162498

Ion Ratio Lower Upper

164 100

162 100.0 80.0 120.0

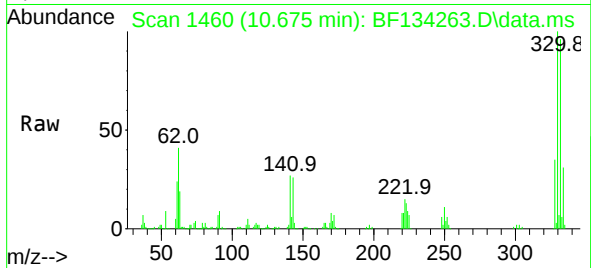
160 45.4 35.9 53.9



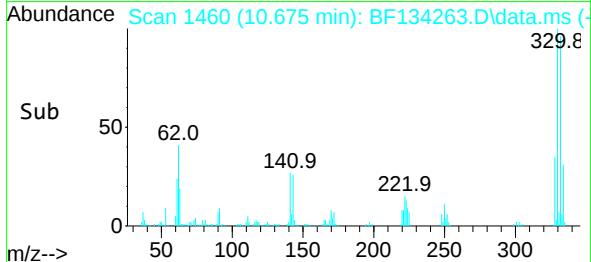
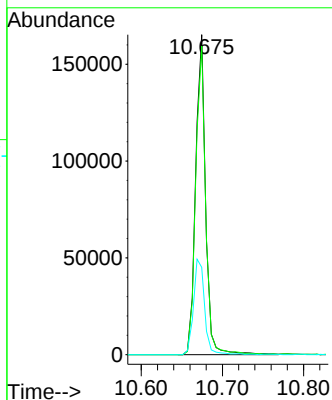


#42
2,4,6-Tribromophenol
Concen: 69.510 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

Instrument :
BNA_F
ClientSampleId :
MW-34

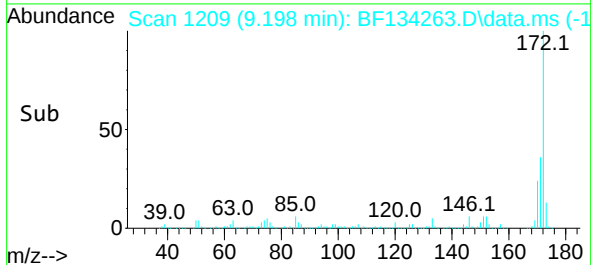
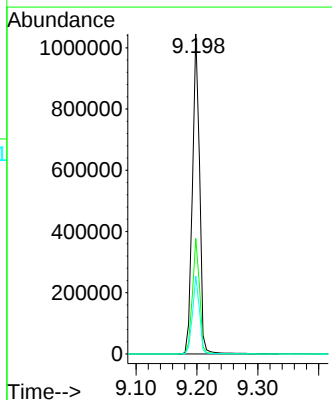
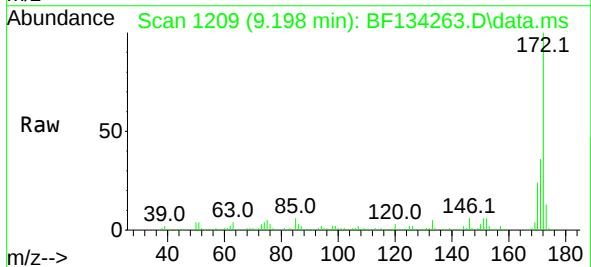


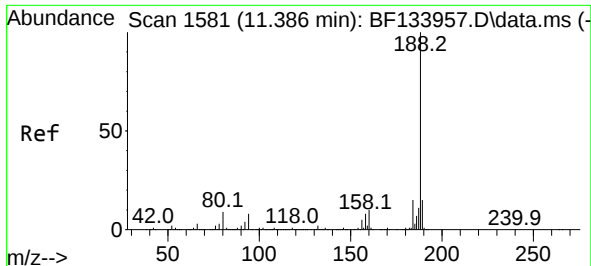
Tgt Ion:330 Resp: 141620
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 33.4 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 76.380 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

Tgt Ion:172 Resp: 853680
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.3 19.4 29.0

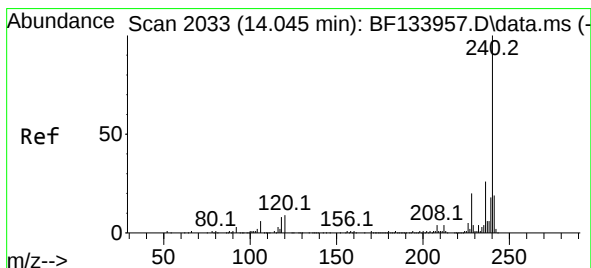
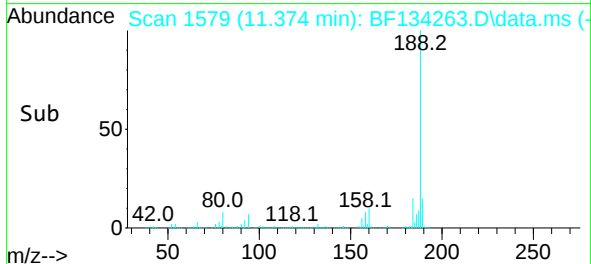
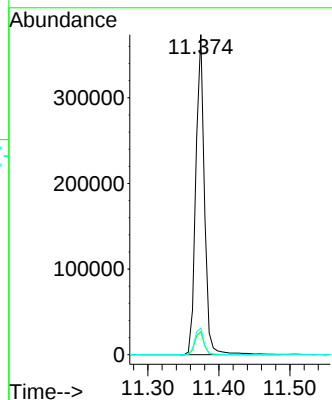
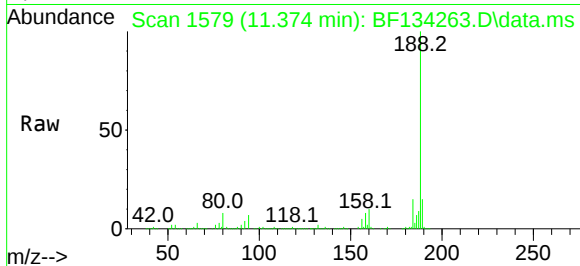




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

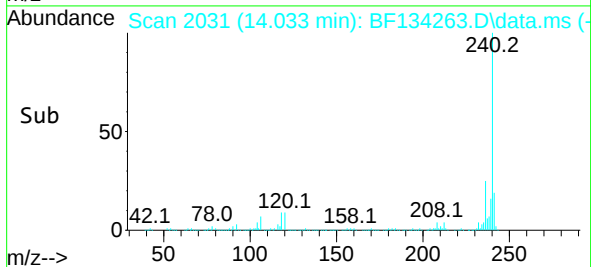
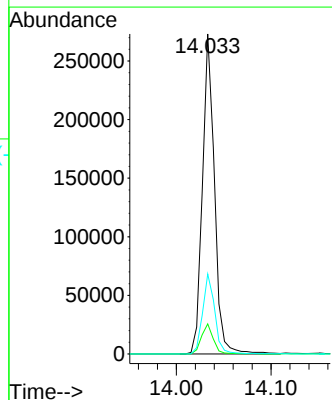
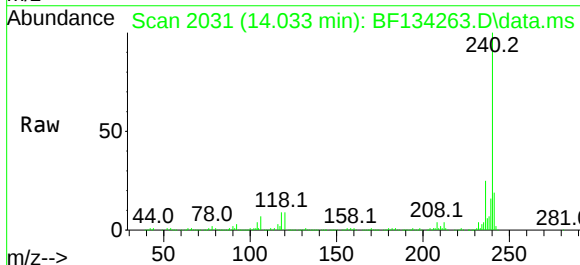
Instrument :
BNA_F
ClientSampleId :
MW-34

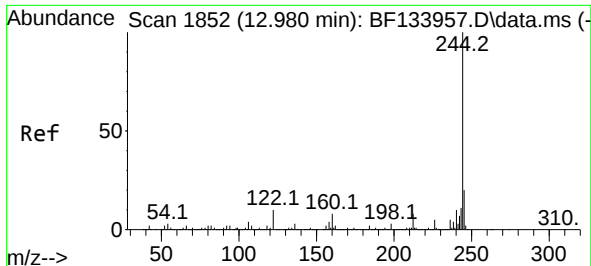
Tgt Ion:188 Resp: 317088
Ion Ratio Lower Upper
188 100
94 7.2 6.4 9.6
80 8.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

Tgt Ion:240 Resp: 241051
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 25.0 21.0 31.6

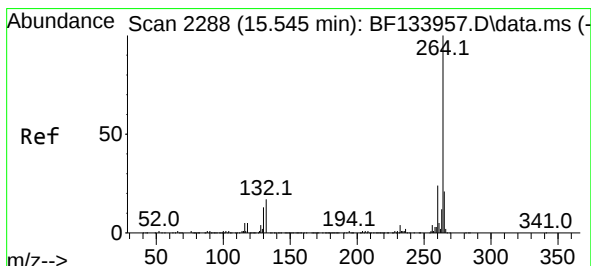
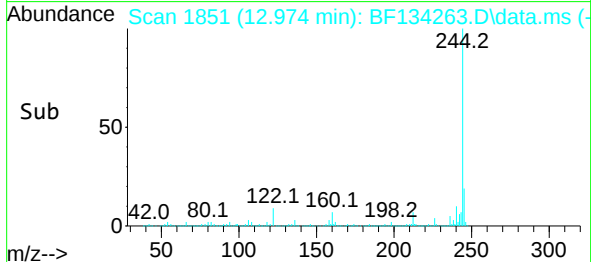
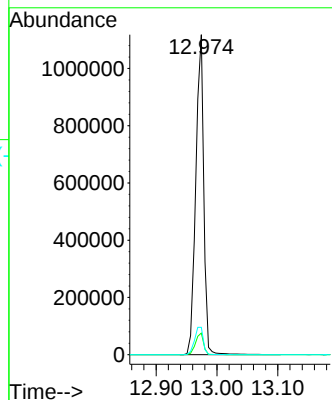
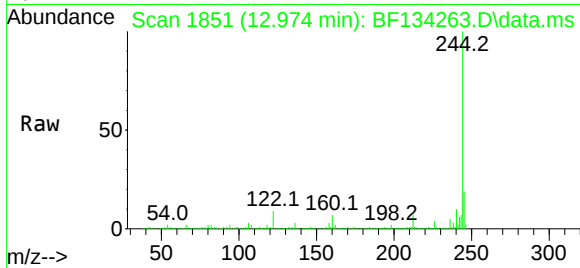




#79
 Terphenyl-d14
 Concen: 67.848 ng
 RT: 12.974 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134263.D
 Acq: 13 Jul 2023 15:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Tgt Ion:244 Resp: 1016188
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 8.5 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: BF134263.D
 Acq: 13 Jul 2023 15:45

Tgt Ion:264 Resp: 220246
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.6 16.6 25.0

