

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134145.D
 Acq On : 08 Jul 2023 13:11
 Operator : CG\JU
 Sample : PB153669TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153702TB

Quant Time: Jul 09 00:35:50 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	145698	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	582195	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	302635	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	628567	20.000	ng	0.00
76) Chrysene-d12	14.039	240	477604	20.000	ng	-0.01
86) Perylene-d12	15.545	264	428766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1229767	141.190	ng	0.01
7) Phenol-d6	6.492	99	1508496	140.829	ng	0.00
23) Nitrobenzene-d5	7.416	82	1069311	99.007	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	590097	155.516	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1928387	92.642	ng	0.00
79) Terphenyl-d14	12.986	244	2602661	87.704	ng	0.00

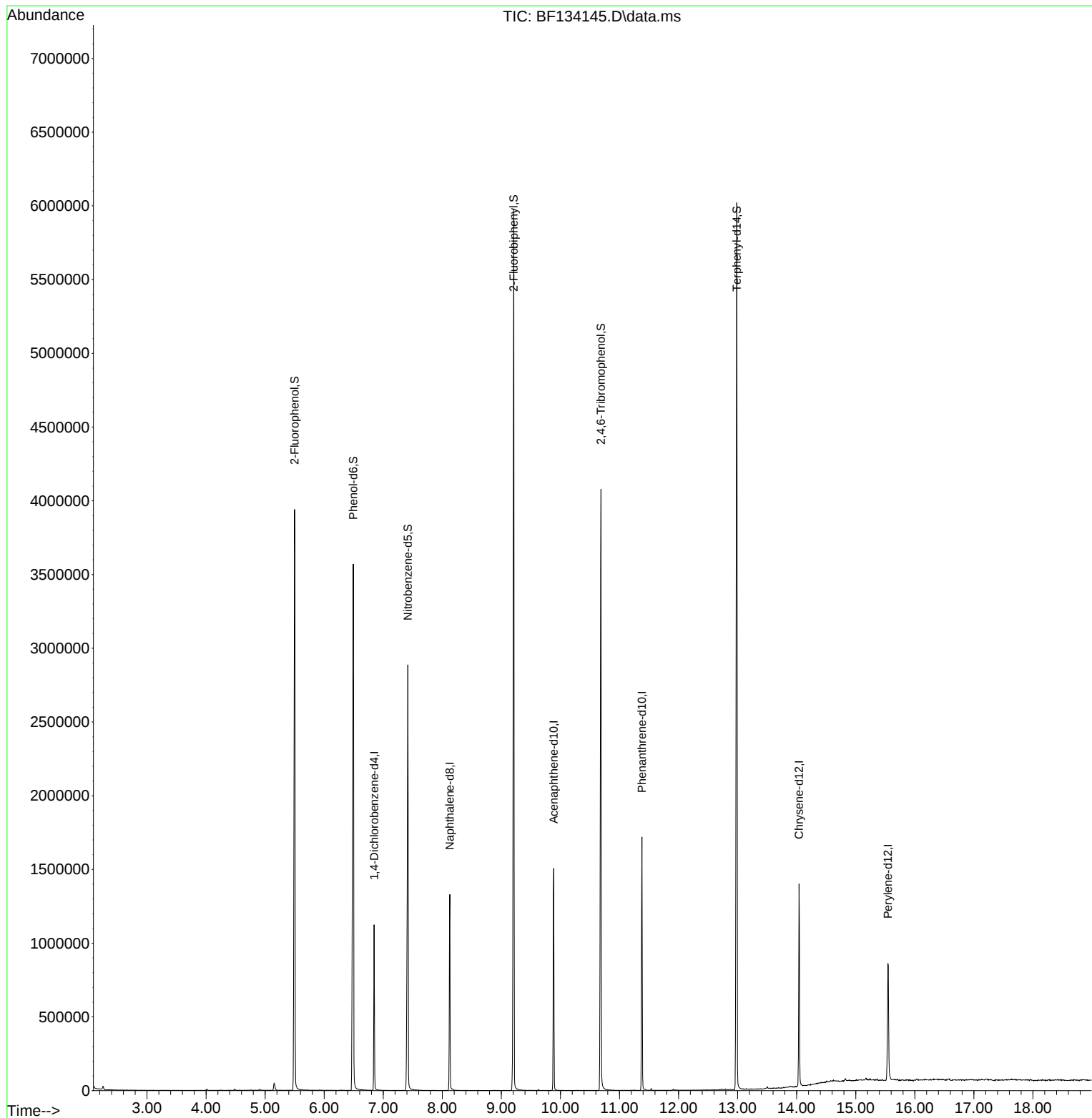
Target Compounds	Qvalue

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

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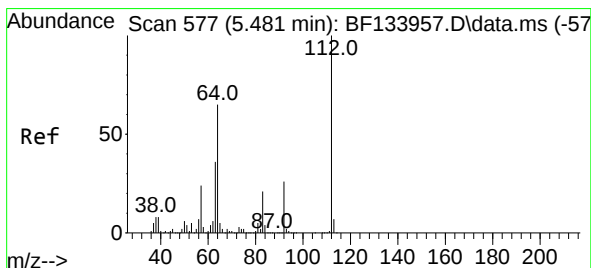
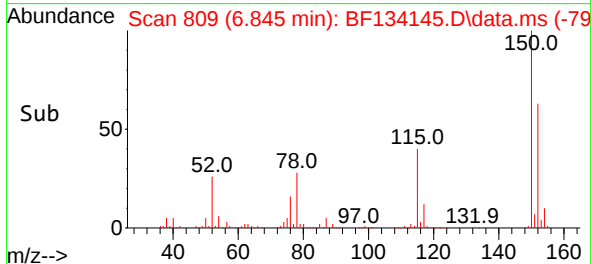
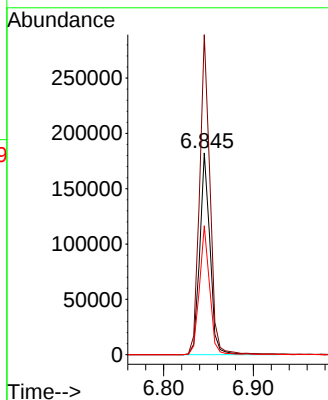
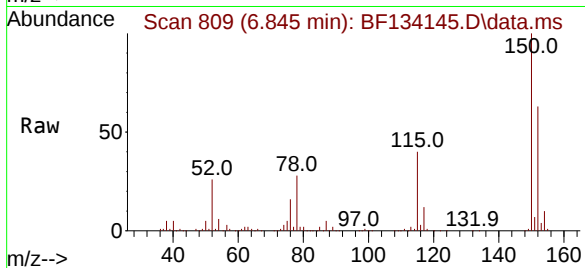




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134145.D
Acq: 08 Jul 2023 13:11

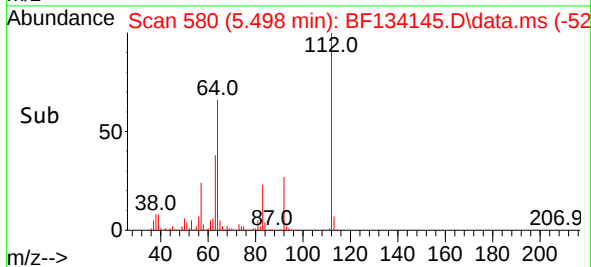
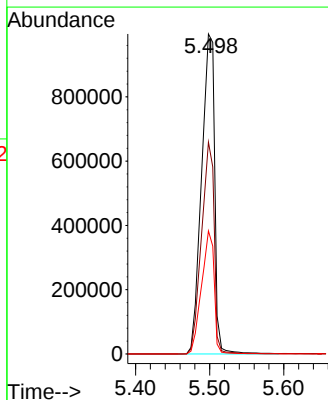
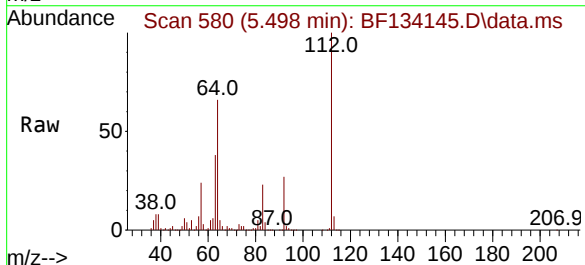
Instrument :
BNA_F
ClientSampleId :
PB153702TB

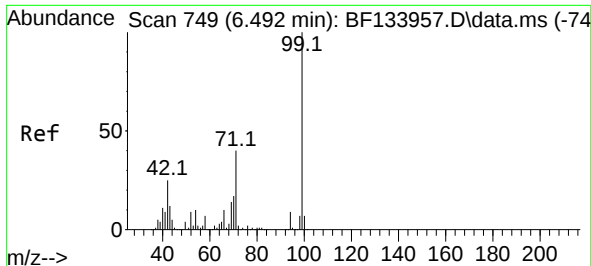
Tgt Ion:152 Resp: 145698
Ion Ratio Lower Upper
152 100
150 158.6 124.5 186.7
115 63.9 50.2 75.2



#5
2-Fluorophenol
Concen: 141.190 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134145.D
Acq: 08 Jul 2023 13:11

Tgt Ion:112 Resp: 1229767
Ion Ratio Lower Upper
112 100
64 66.2 52.1 78.1
63 38.5 28.6 42.8

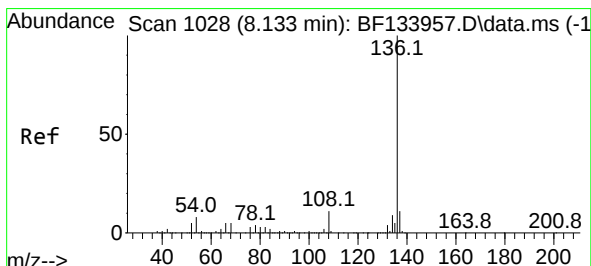
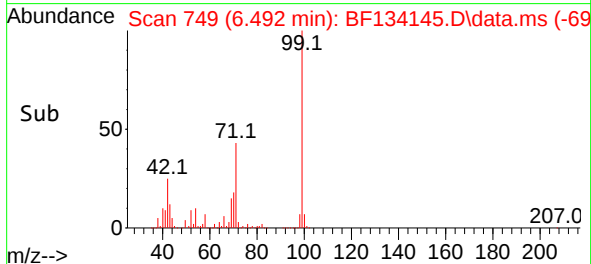
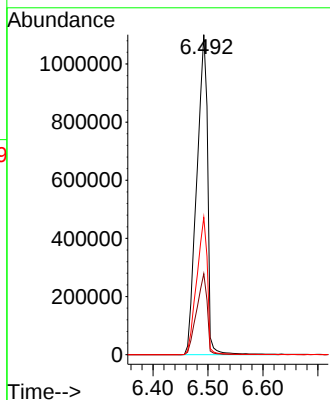
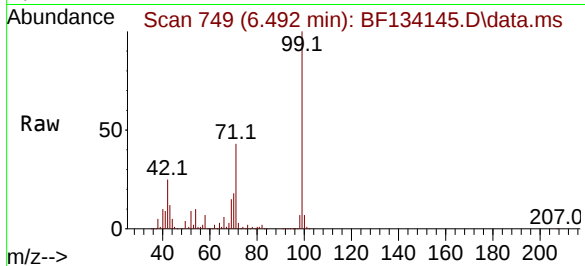




#7
Phenol-d6
Concen: 140.829 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134145.D
Acq: 08 Jul 2023 13:11

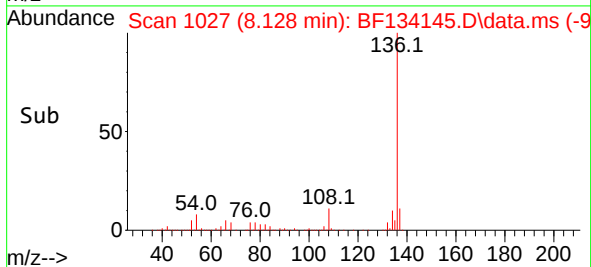
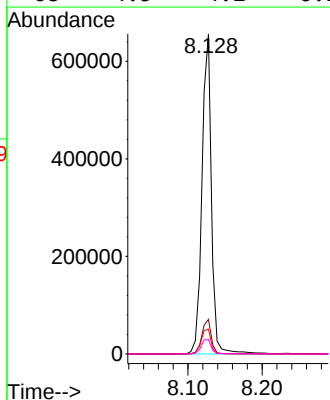
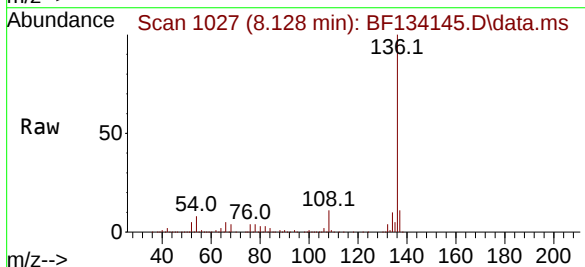
Instrument :
BNA_F
ClientSampleId :
PB153702TB

Tgt Ion: 99 Resp: 1508496
Ion Ratio Lower Upper
99 100
42 25.3 19.8 29.6
71 42.9 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134145.D
Acq: 08 Jul 2023 13:11

Tgt Ion:136 Resp: 582195
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.8 6.5 9.7
68 4.5 4.2 6.2

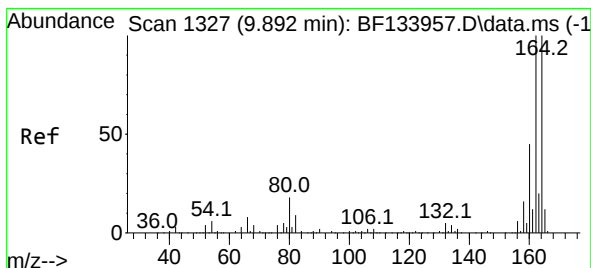
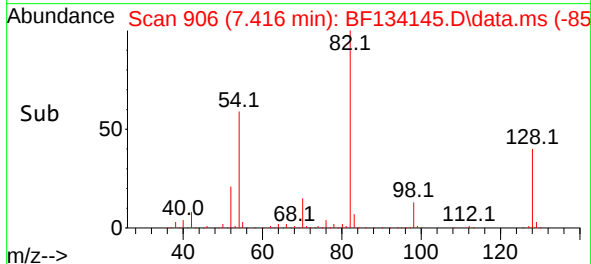
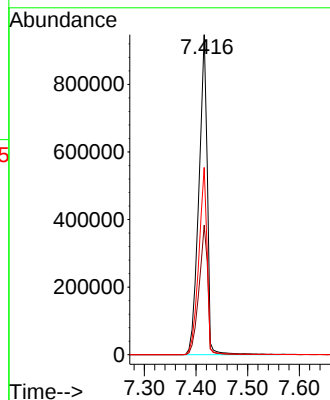
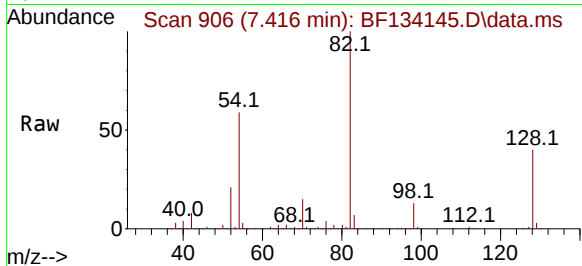




#23
 Nitrobenzene-d5
 Concen: 99.007 ng
 RT: 7.416 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: BF134145.D
 Acq: 08 Jul 2023 13:11

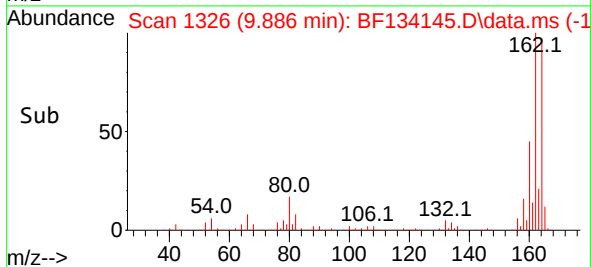
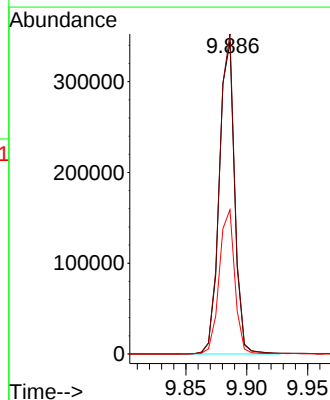
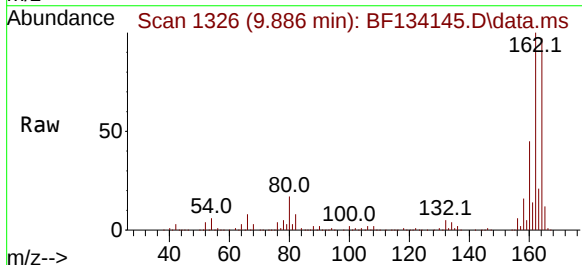
Instrument :
 BNA_F
 ClientSampleId :
 PB153702TB

Tgt Ion: 82 Resp: 1069311
 Ion Ratio Lower Upper
 82 100
 128 40.5 32.5 48.7
 54 58.5 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1326
 Delta R.T. -0.006 min
 Lab File: BF134145.D
 Acq: 08 Jul 2023 13:11

Tgt Ion: 164 Resp: 302635
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.0 120.0
 160 46.2 35.9 53.9

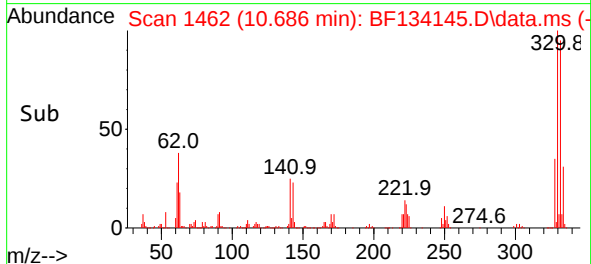
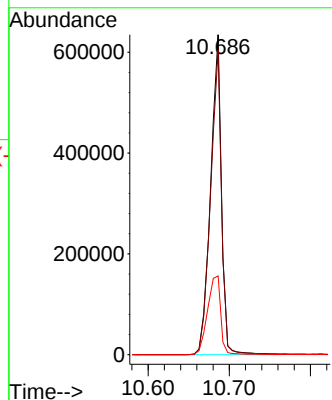
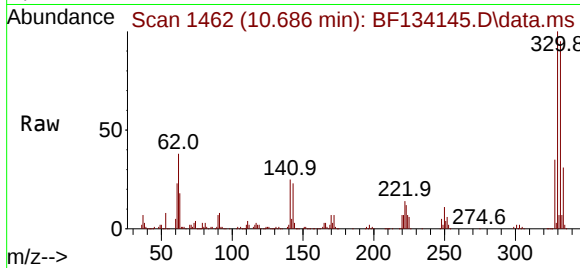




#42
2,4,6-Tribromophenol
Concen: 155.516 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134145.D
Acq: 08 Jul 2023 13:11

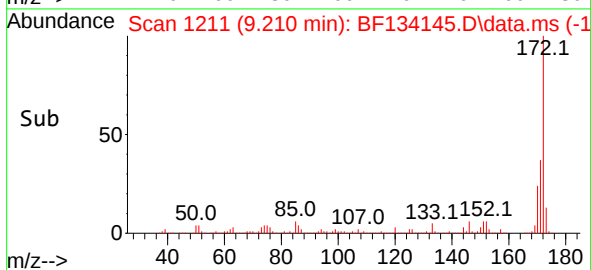
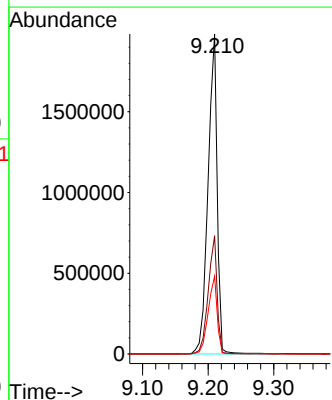
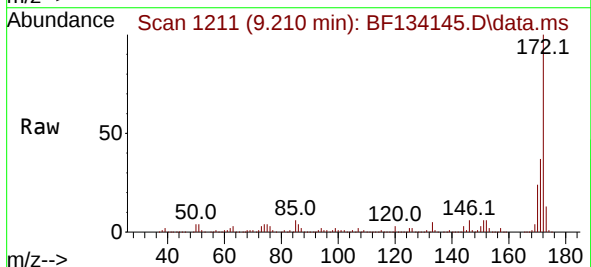
Instrument :
BNA_F
ClientSampleId :
PB153702TB

Tgt Ion:330 Resp: 590097
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 29.9 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 92.642 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF134145.D
Acq: 08 Jul 2023 13:11

Tgt Ion:172 Resp: 1928387
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 24.3 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134145.D

Acq: 08 Jul 2023 13:11

Instrument :

BNA_F

ClientSampleId :

PB153702TB

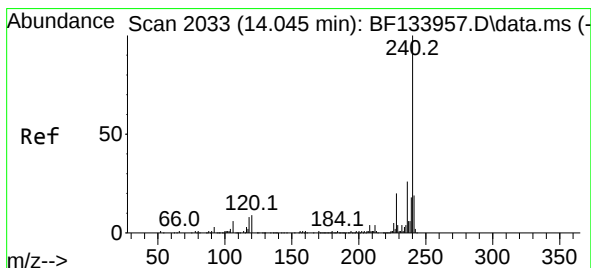
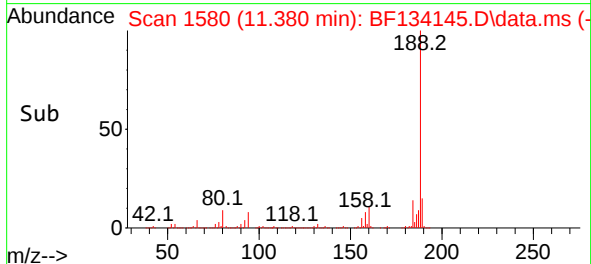
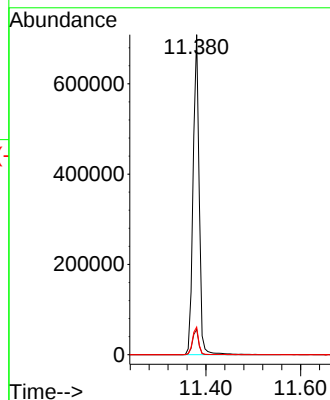
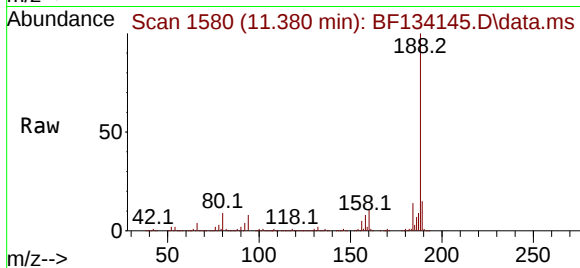
Tgt Ion:188 Resp: 628567

Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.6 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF134145.D

Acq: 08 Jul 2023 13:11

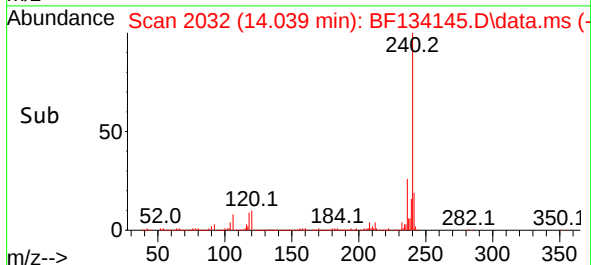
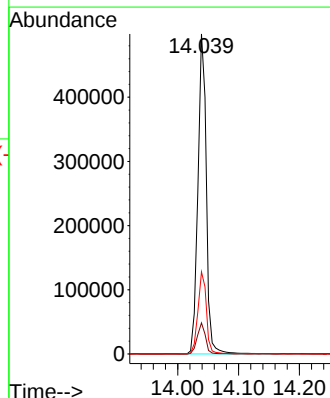
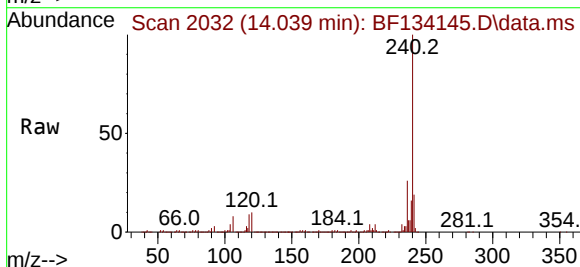
Tgt Ion:240 Resp: 477604

Ion Ratio Lower Upper

240 100

120 9.7 7.4 11.0

236 25.6 21.0 31.6

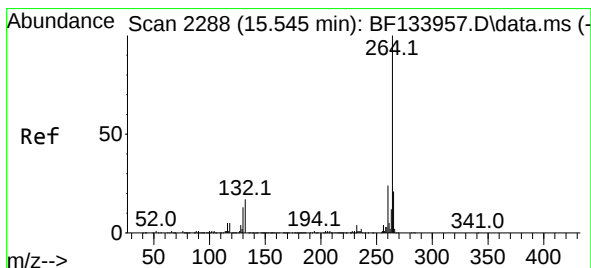
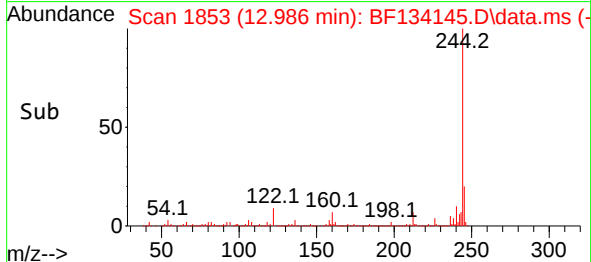
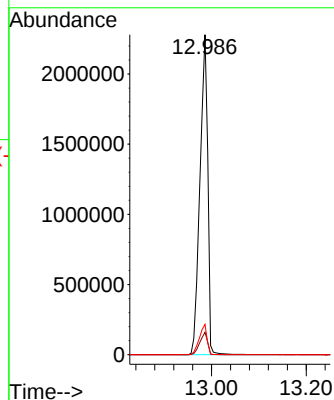
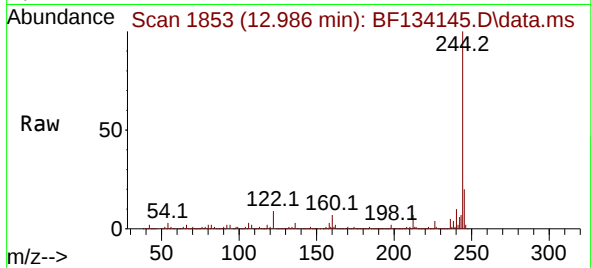




#79
 Terphenyl-d14
 Concen: 87.704 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF134145.D
 Acq: 08 Jul 2023 13:11

Instrument :
 BNA_F
 ClientSampleId :
 PB153702TB

Tgt Ion:244 Resp: 2602661
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF134145.D
 Acq: 08 Jul 2023 13:11

Tgt Ion:264 Resp: 428766
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.6 16.6 25.0

