

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134270.D
 Acq On : 13 Jul 2023 19:48
 Operator : CG\JU
 Sample : 03358-02RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(8-10)RE

Quant Time: Jul 14 01:44:31 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	70231	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	264005	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	129484	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	262477	20.000	ng	0.00
76) Chrysene-d12	14.033	240	175057	20.000	ng	0.00
86) Perylene-d12	15.539	264	164439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	655970	156.240	ng	0.00
7) Phenol-d6	6.486	99	829231	160.601	ng	0.00
23) Nitrobenzene-d5	7.404	82	555702	113.465	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	299236	184.319	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1019079	114.426	ng	0.00
79) Terphenyl-d14	12.974	244	1271776	116.923	ng	0.00

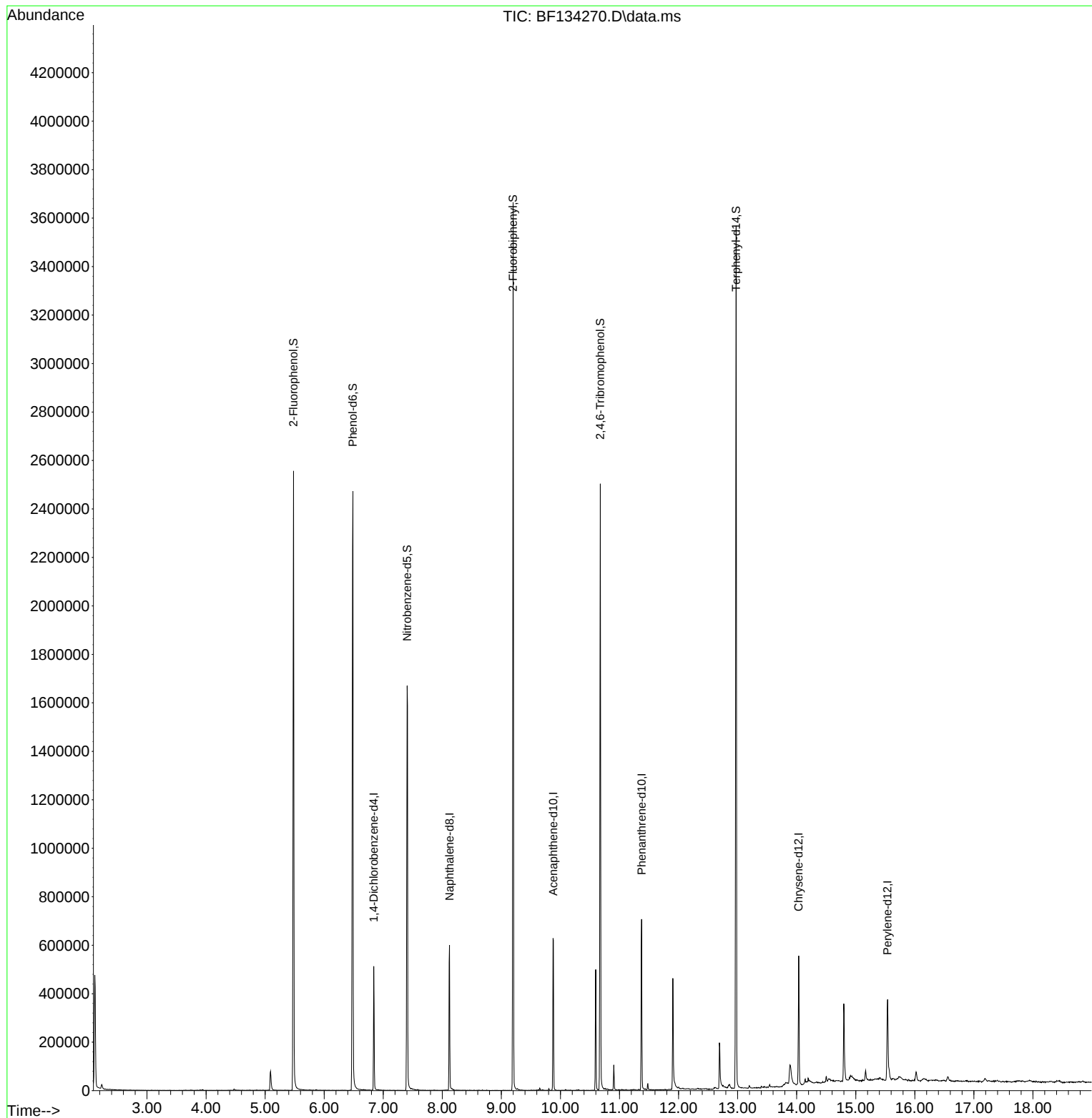
Target Compounds	Qvalue

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

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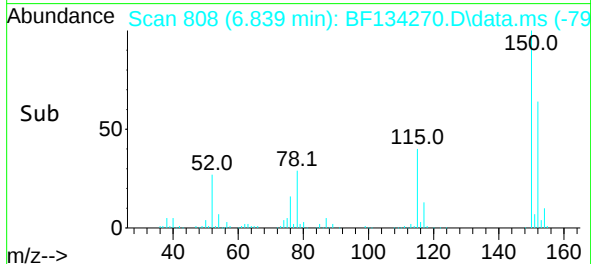
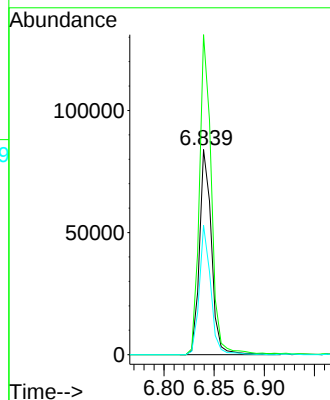
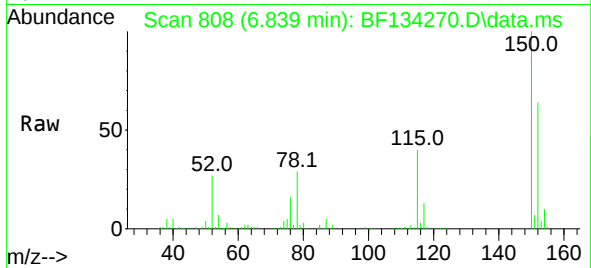




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

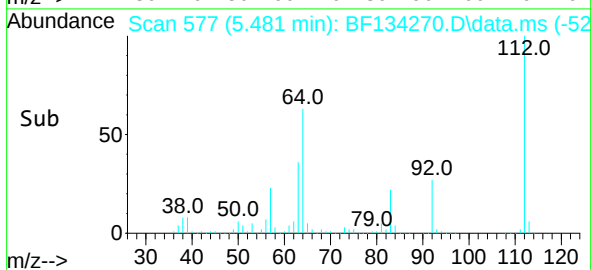
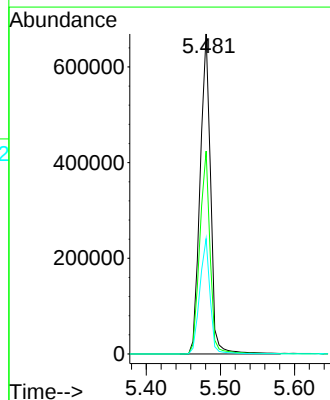
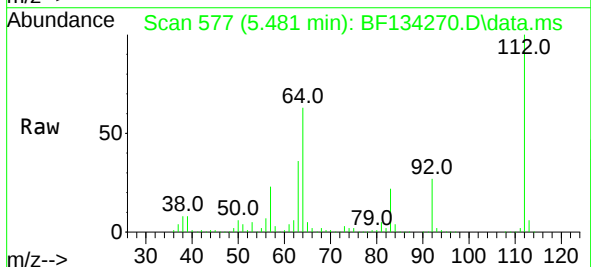
Instrument :
BNA_F
ClientSampleId :
SB-1-(8-10)RE

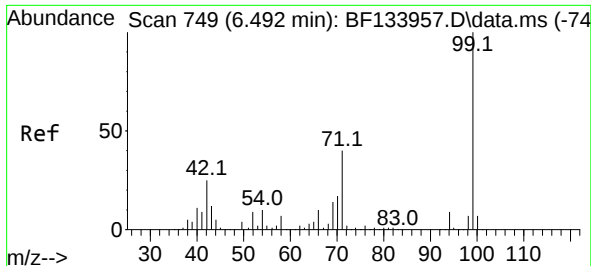
Tgt Ion:152 Resp: 70231
Ion Ratio Lower Upper
152 100
150 156.0 124.5 186.7
115 63.0 50.2 75.2



#5
2-Fluorophenol
Concen: 156.240 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

Tgt Ion:112 Resp: 655970
Ion Ratio Lower Upper
112 100
64 63.4 52.1 78.1
63 36.1 28.6 42.8

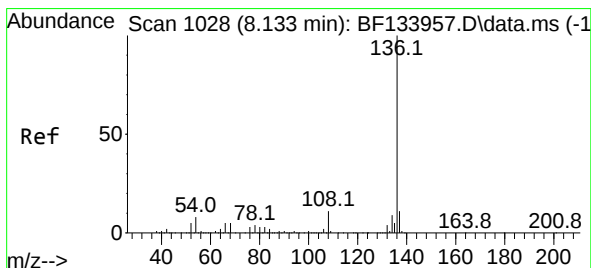
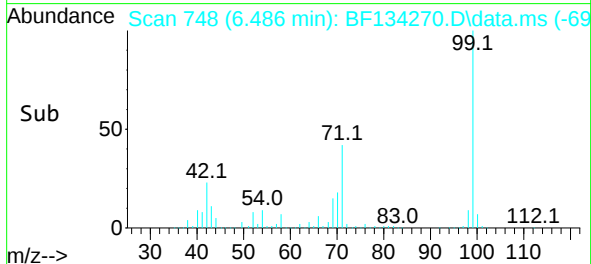
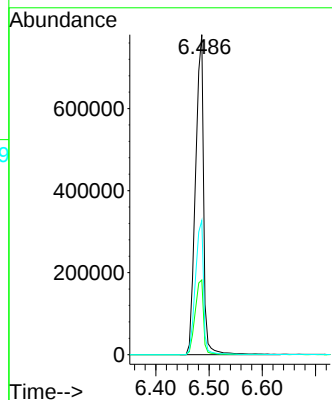
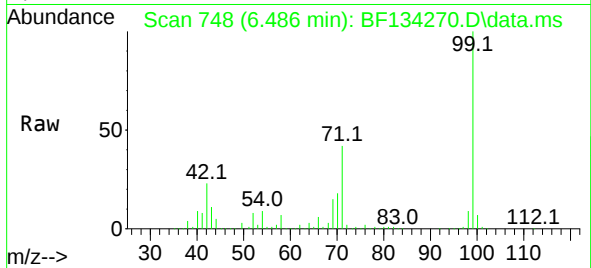




#7
Phenol-d6
Concen: 160.601 ng
RT: 6.486 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

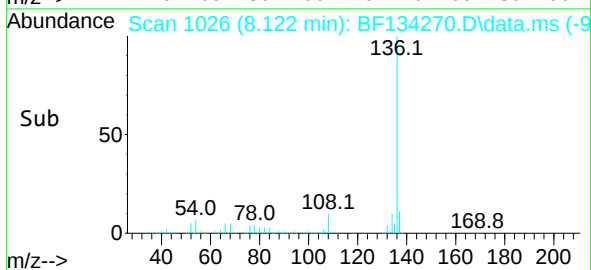
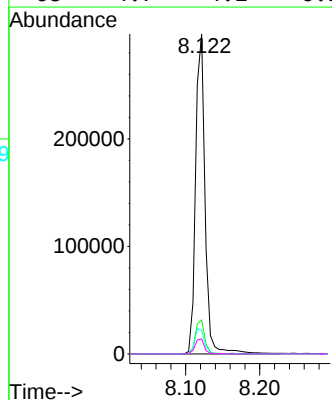
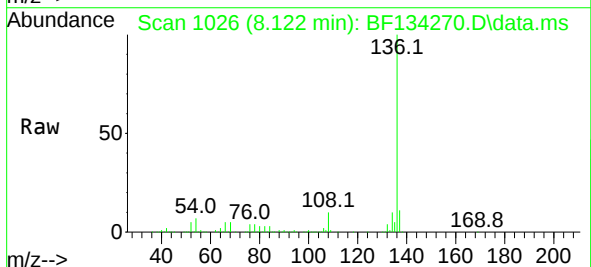
Instrument :
BNA_F
ClientSampleId :
SB-1-(8-10)RE

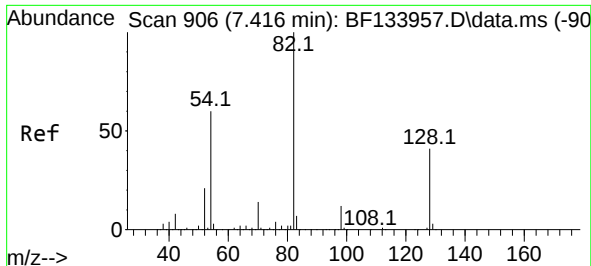
Tgt Ion: 99 Resp: 829231
Ion Ratio Lower Upper
99 100
42 23.3 19.8 29.6
71 41.9 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

Tgt Ion: 136 Resp: 264005
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.3 6.5 9.7
68 4.7 4.2 6.2





#23

Nitrobenzene-d5

Concen: 113.465 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134270.D

Acq: 13 Jul 2023 19:48

Instrument :

BNA_F

ClientSampleId :

SB-1-(8-10)RE

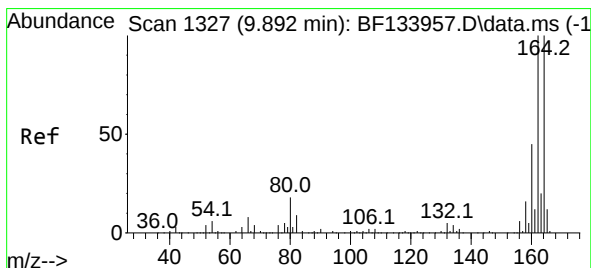
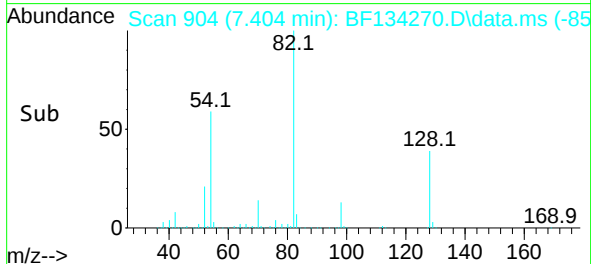
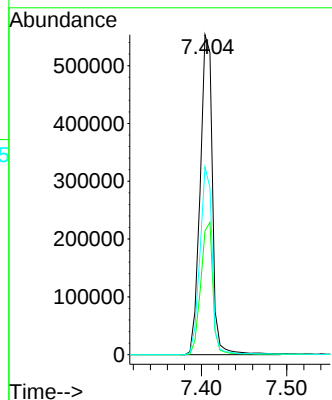
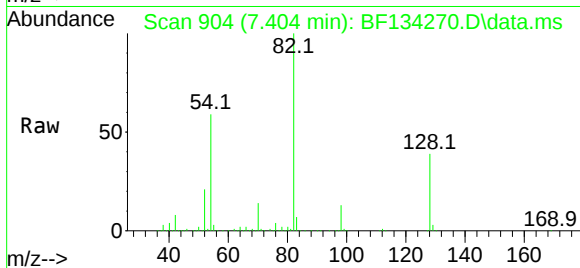
Tgt Ion: 82 Resp: 555702

Ion Ratio Lower Upper

82 100

128 38.7 32.5 48.7

54 58.6 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: BF134270.D

Acq: 13 Jul 2023 19:48

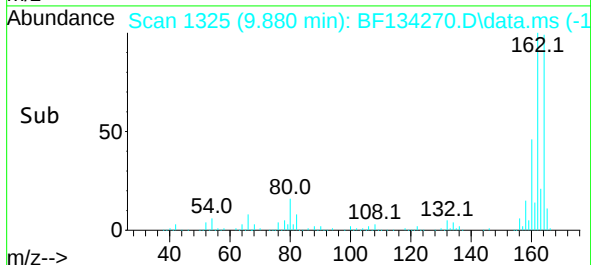
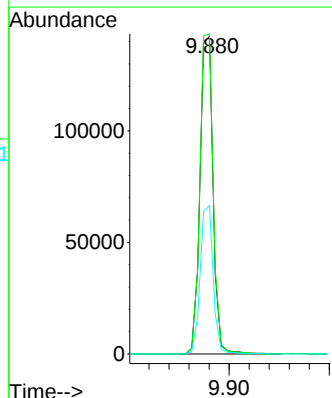
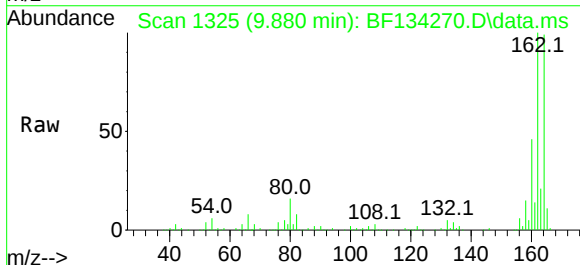
Tgt Ion:164 Resp: 129484

Ion Ratio Lower Upper

164 100

162 100.8 80.0 120.0

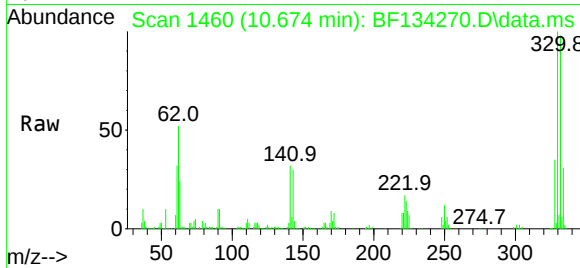
160 46.7 35.9 53.9



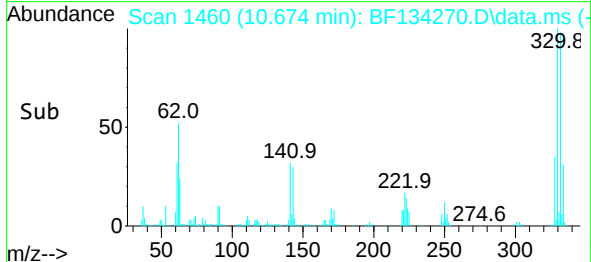
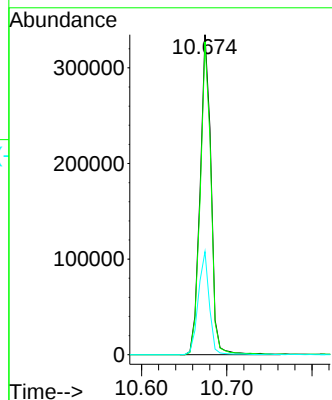


#42
 2,4,6-Tribromophenol
 Concen: 184.319 ng
 RT: 10.674 min Scan# 1460
 Delta R.T. -0.006 min
 Lab File: BF134270.D
 Acq: 13 Jul 2023 19:48

Instrument :
 BNA_F
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 SB-1-(8-10)RE

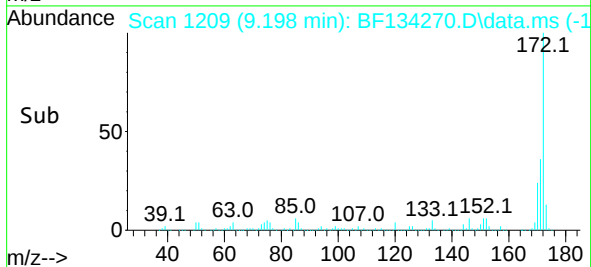
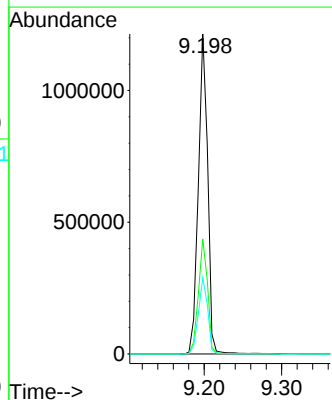
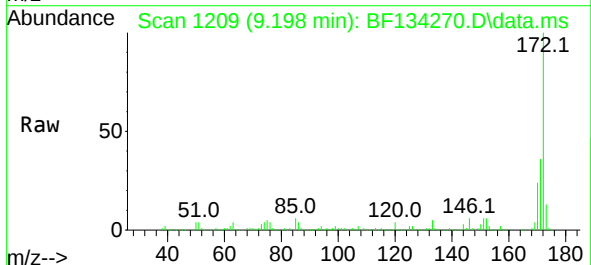


Tgt Ion:330 Resp: 299236
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 32.3 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 114.426 ng
 RT: 9.198 min Scan# 1209
 Delta R.T. -0.006 min
 Lab File: BF134270.D
 Acq: 13 Jul 2023 19:48

Tgt Ion:172 Resp: 1019079
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.8 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: BF134270.D

Acq: 13 Jul 2023 19:48

Instrument :

BNA_F

ClientSampleId :

SB-1-(8-10)RE

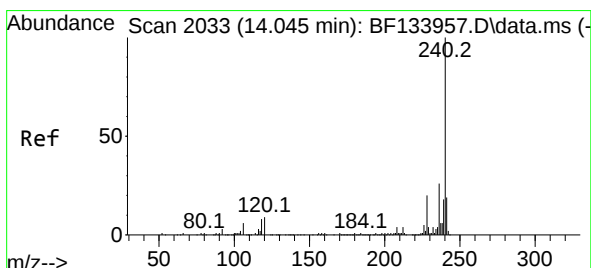
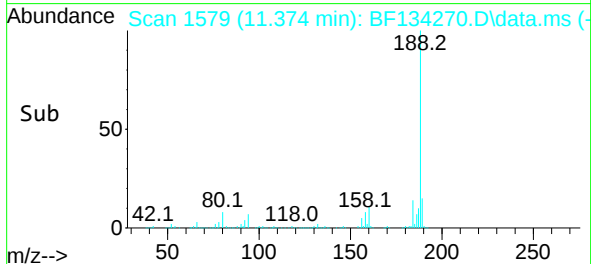
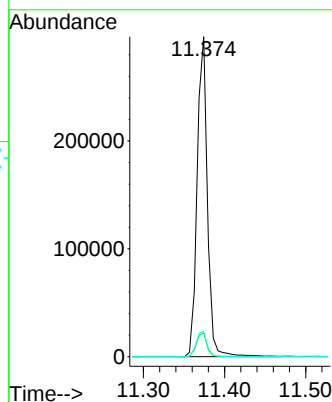
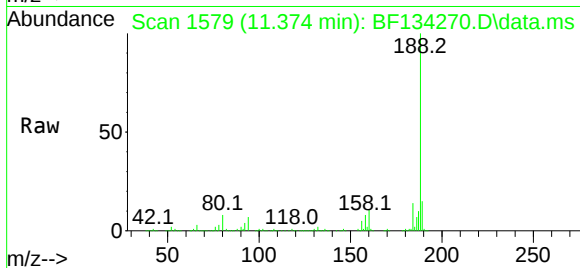
Tgt Ion:188 Resp: 262477

Ion Ratio Lower Upper

188 100

94 7.4 6.4 9.6

80 7.8 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: BF134270.D

Acq: 13 Jul 2023 19:48

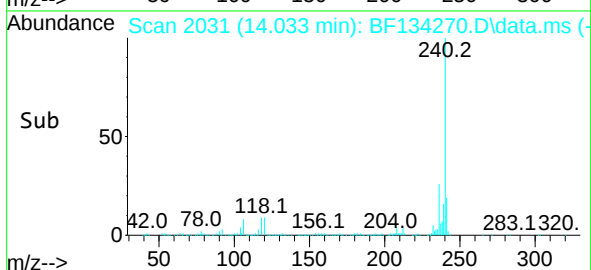
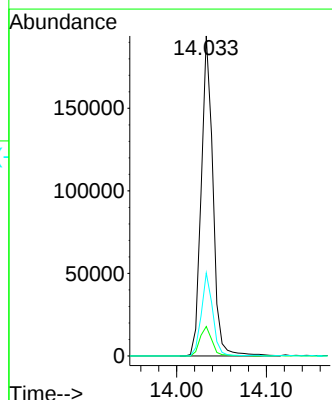
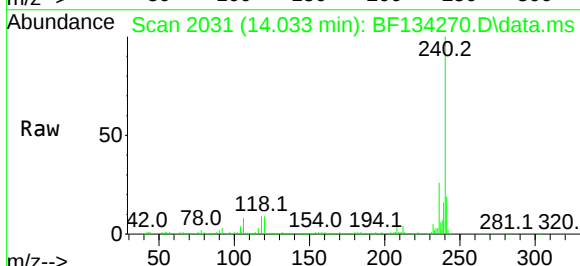
Tgt Ion:240 Resp: 175057

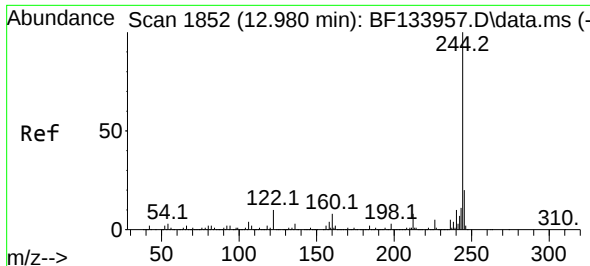
Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.0

236 26.0 21.0 31.6

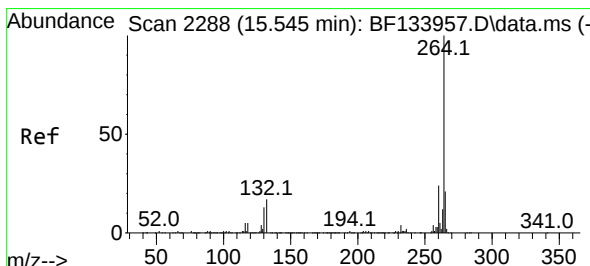
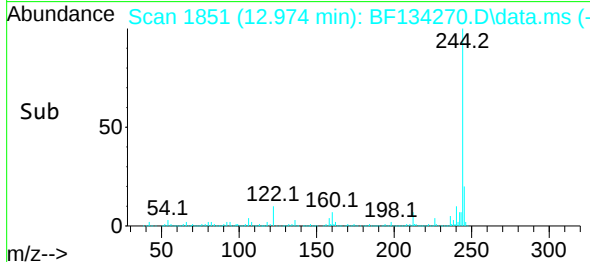
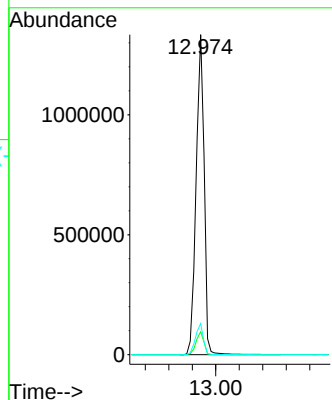
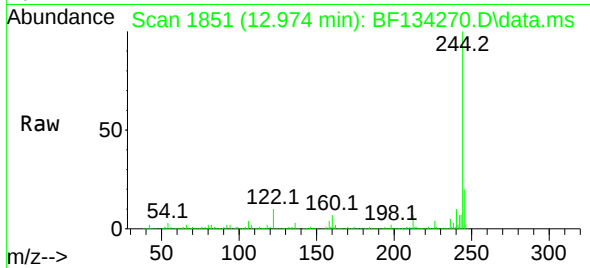




#79
 Terphenyl-d14
 Concen: 116.923 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF134270.D
 Acq: 13 Jul 2023 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(8-10)RE

Tgt Ion:244 Resp: 1271776
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.7 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: BF134270.D
 Acq: 13 Jul 2023 19:48

Tgt Ion:264 Resp: 164439
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.7 16.6 25.0

