

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134282.D
 Acq On : 14 Jul 2023 10:16
 Operator : CG\JU
 Sample : PB154160BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154160BL

Quant Time: Jul 15 00:21:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	86014	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	334611	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	176424	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	368195	20.000	ng	0.00
76) Chrysene-d12	14.039	240	299414	20.000	ng	0.00
86) Perylene-d12	15.551	264	312848	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	678087	131.872	ng	0.02
7) Phenol-d6	6.487	99	811318	128.299	ng	0.00
23) Nitrobenzene-d5	7.410	82	551528	88.850	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	311494	140.820	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1084224	89.350	ng	0.00
79) Terphenyl-d14	12.980	244	1426730	76.690	ng	0.00

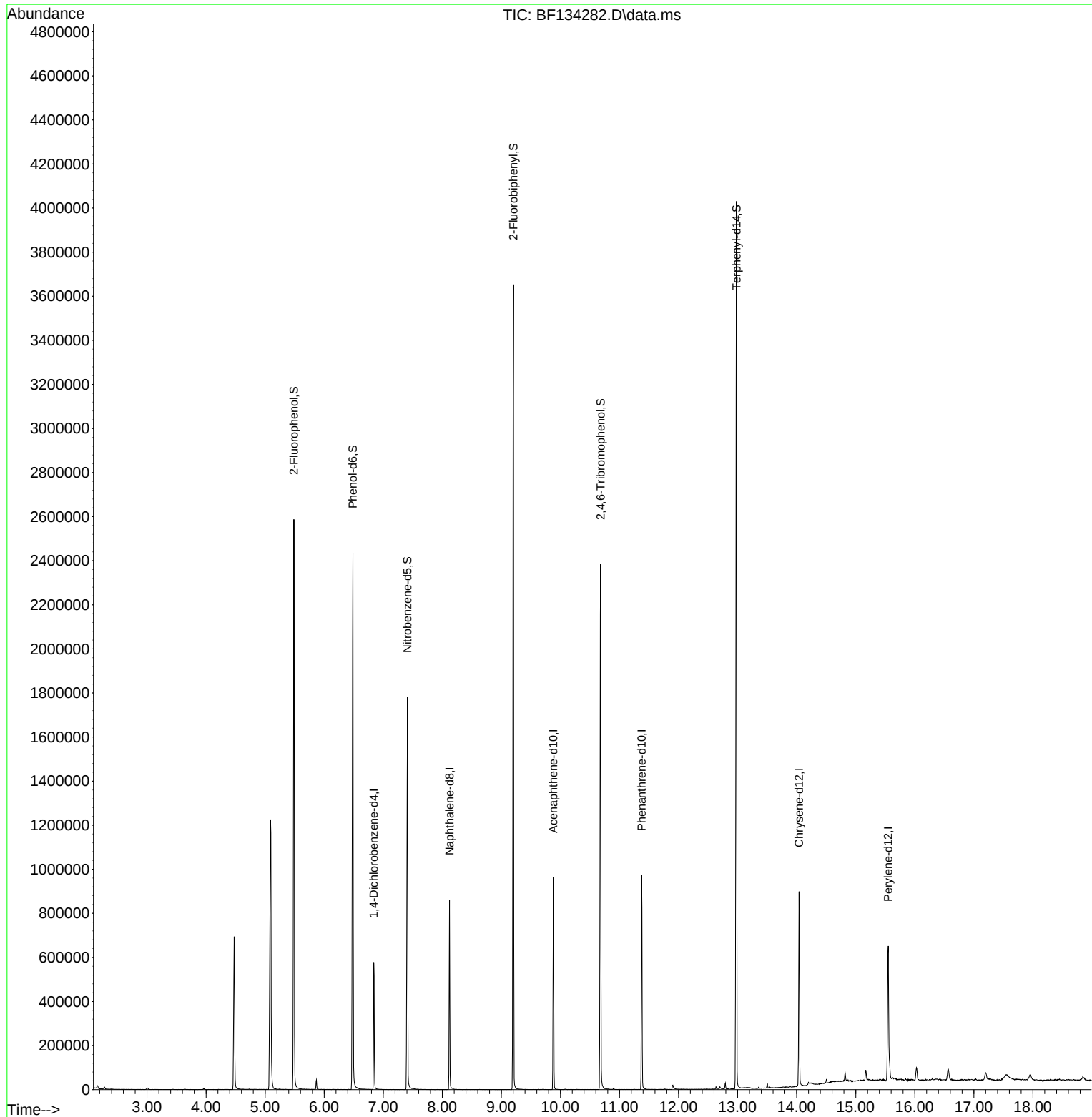
Target Compounds	Qvalue

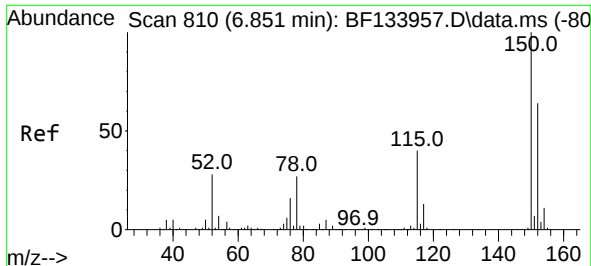
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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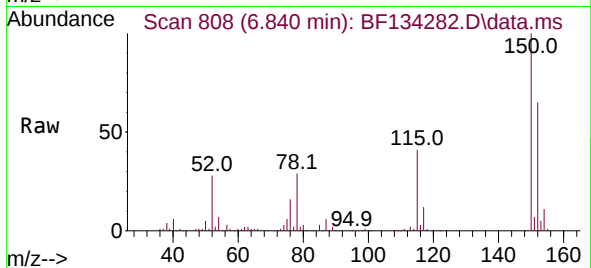
Quant Time: Jul 15 00:21:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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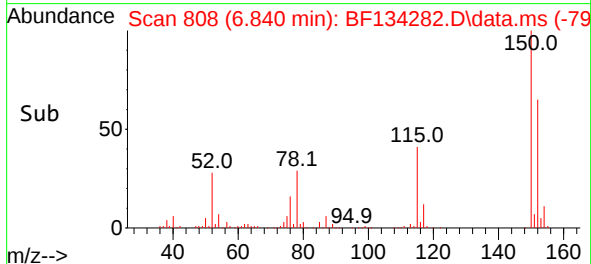
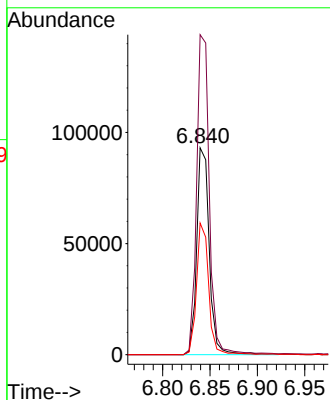


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134282.D
Acq: 14 Jul 2023 10:16

Instrument :
BNA_F
ClientSampleId :
PB154160BL

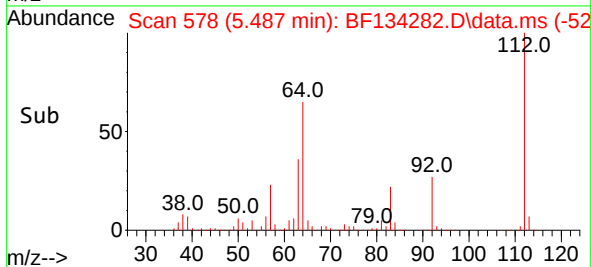
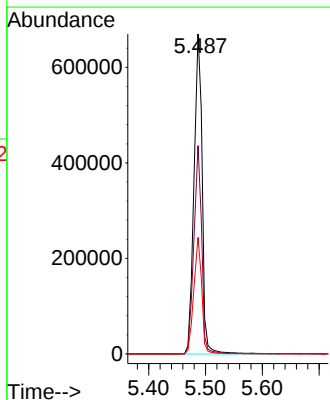
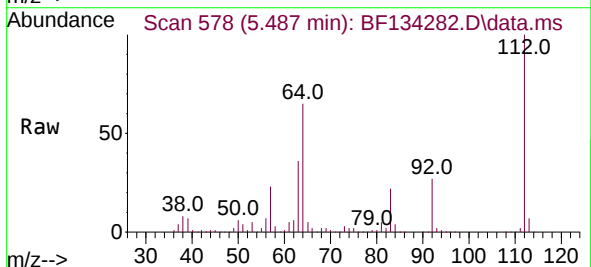


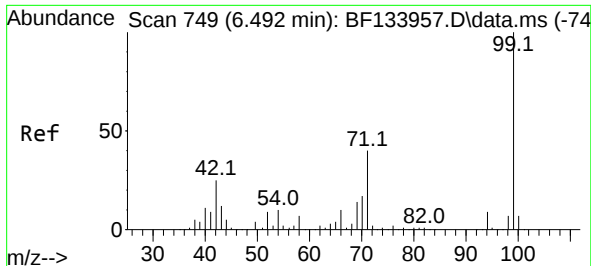
Tgt Ion:152 Resp: 86014
Ion Ratio Lower Upper
152 100
150 154.7 124.5 186.7
115 63.7 50.2 75.2



#5
2-Fluorophenol
Concen: 131.872 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.018 min
Lab File: BF134282.D
Acq: 14 Jul 2023 10:16

Tgt Ion:112 Resp: 678087
Ion Ratio Lower Upper
112 100
64 65.1 52.1 78.1
63 36.4 28.6 42.8

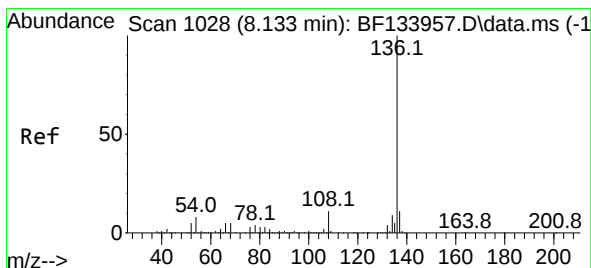
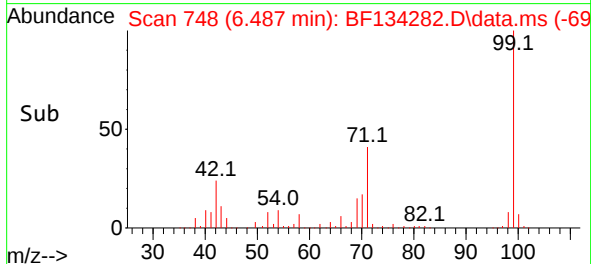
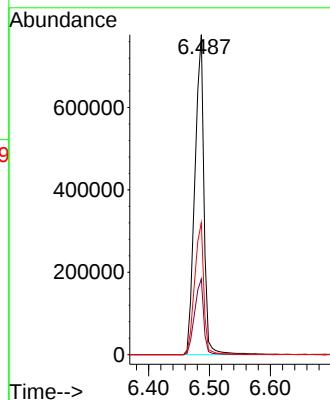
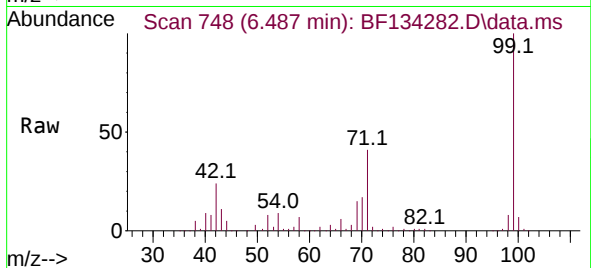




#7
Phenol-d6
Concen: 128.299 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134282.D
Acq: 14 Jul 2023 10:16

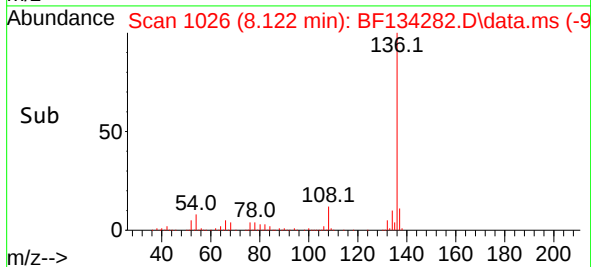
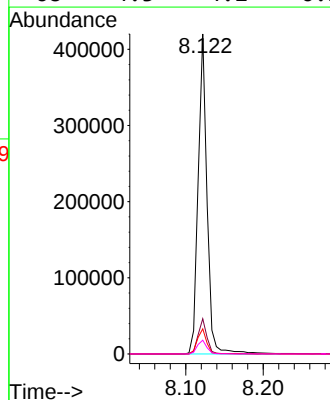
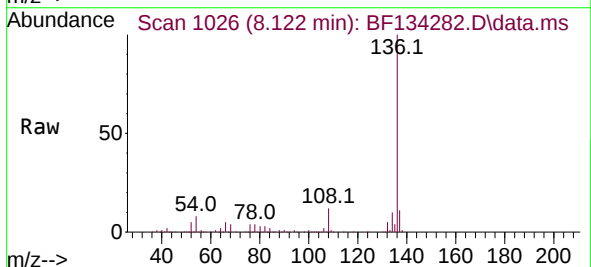
Instrument :
BNA_F
ClientSampleId :
PB154160BL

Tgt Ion: 99 Resp: 811318
Ion Ratio Lower Upper
99 100
42 23.6 19.8 29.6
71 41.2 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134282.D
Acq: 14 Jul 2023 10:16

Tgt Ion: 136 Resp: 334611
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.8 6.5 9.7
68 4.3 4.2 6.2

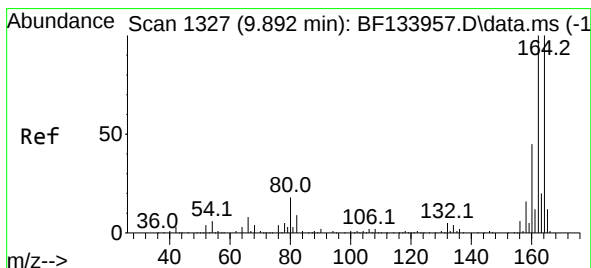
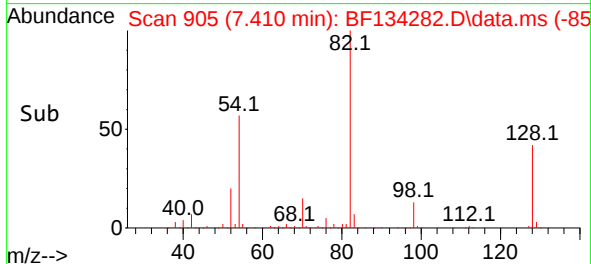
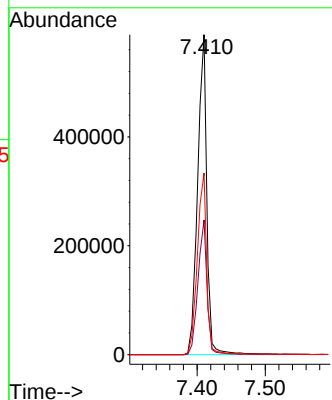
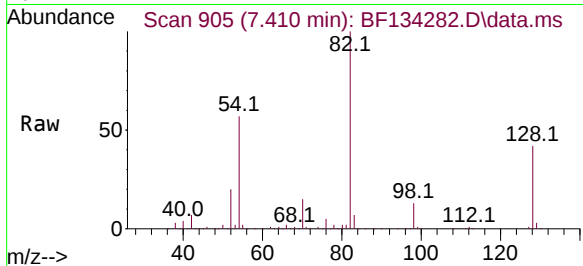




#23
Nitrobenzene-d5
Concen: 88.850 ng
RT: 7.410 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134282.D
Acq: 14 Jul 2023 10:16

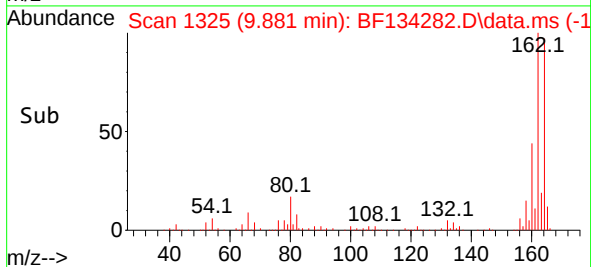
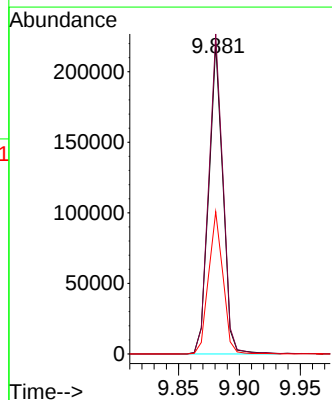
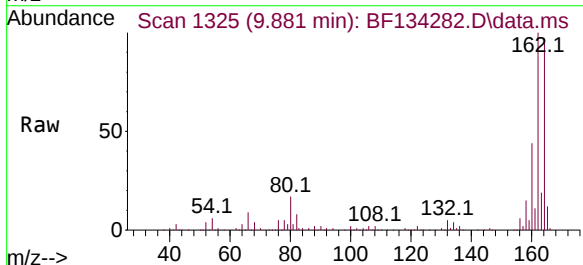
Instrument :
BNA_F
ClientSampleId :
PB154160BL

Tgt Ion: 82 Resp: 551528
Ion Ratio Lower Upper
82 100
128 42.1 32.5 48.7
54 56.7 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF134282.D
Acq: 14 Jul 2023 10:16

Tgt Ion:164 Resp: 176424
Ion Ratio Lower Upper
164 100
162 103.2 80.0 120.0
160 45.9 35.9 53.9

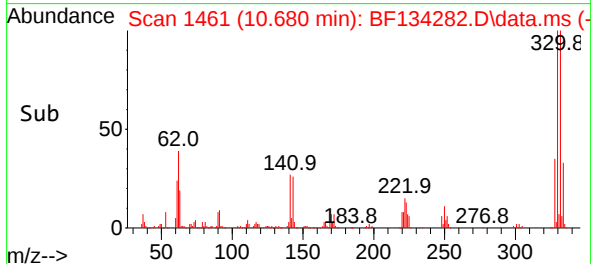
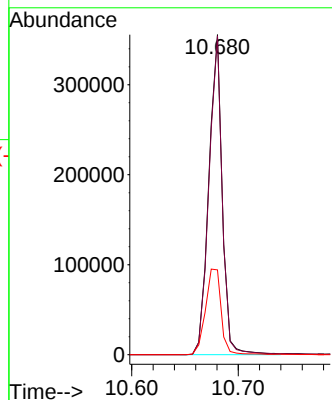
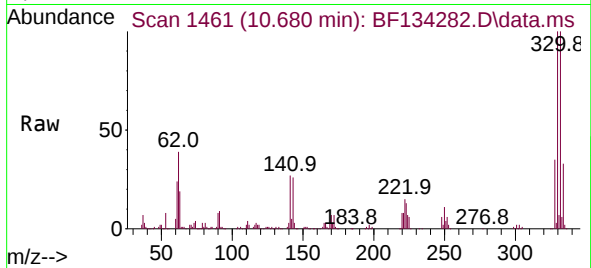




#42
2,4,6-Tribromophenol
Concen: 140.820 ng
RT: 10.680 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF134282.D
Acq: 14 Jul 2023 10:16

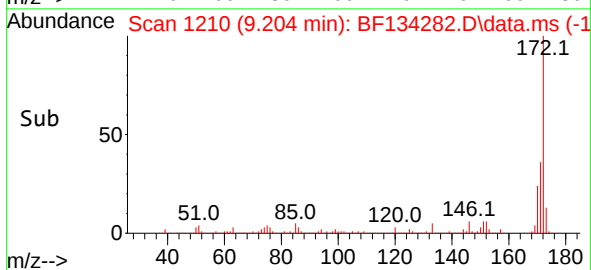
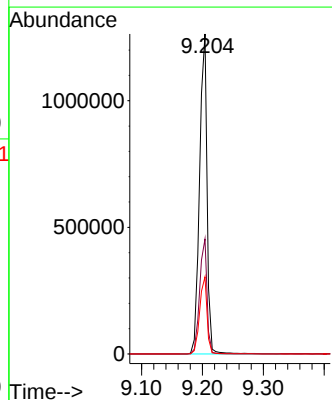
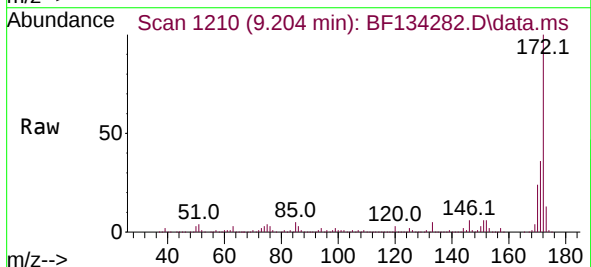
Instrument :
BNA_F
ClientSampleId :
PB154160BL

Tgt Ion:330 Resp: 311494
Ion Ratio Lower Upper
330 100
332 99.4 77.0 115.6
141 31.6 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 89.350 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF134282.D
Acq: 14 Jul 2023 10:16

Tgt Ion:172 Resp: 1084224
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.1 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134282.D

Acq: 14 Jul 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB154160BL

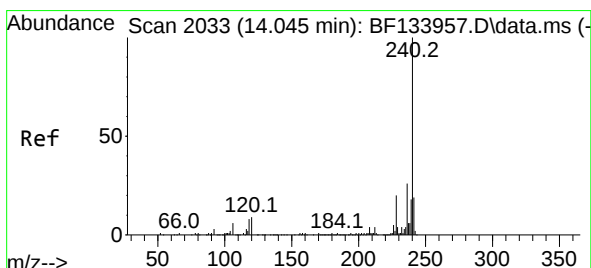
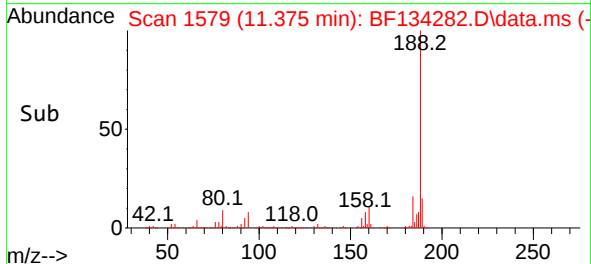
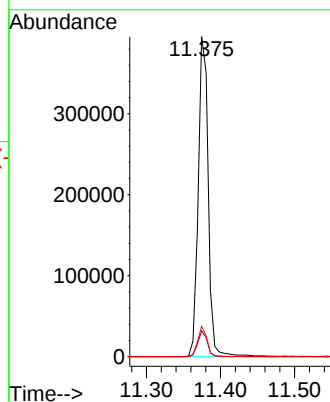
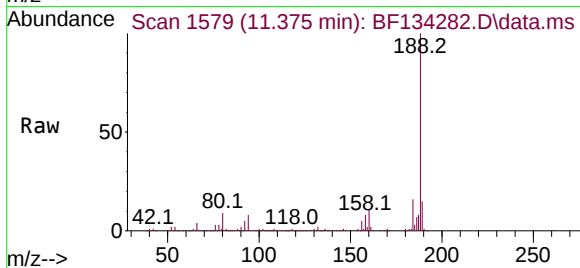
Tgt Ion:188 Resp: 368195

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 9.5 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: BF134282.D

Acq: 14 Jul 2023 10:16

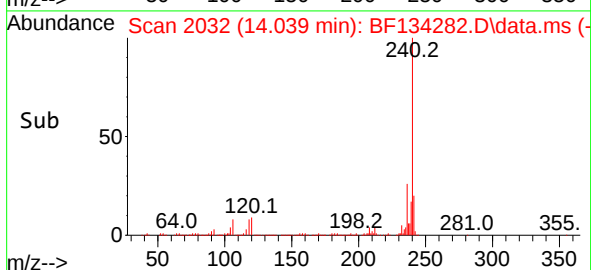
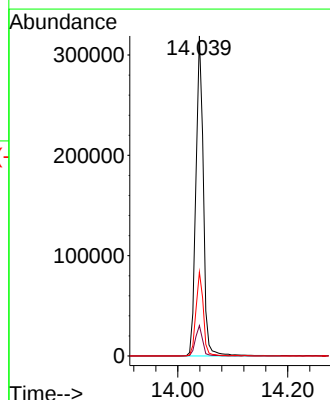
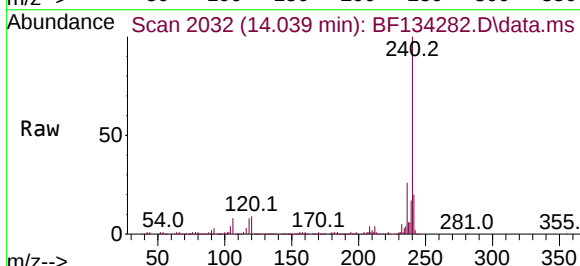
Tgt Ion:240 Resp: 299414

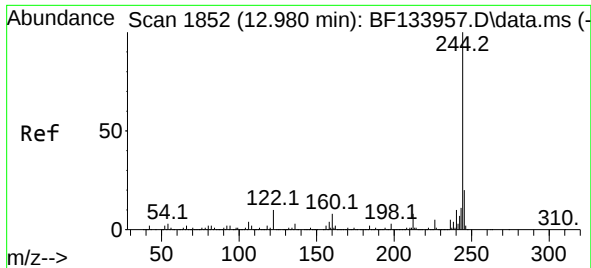
Ion Ratio Lower Upper

240 100

120 9.5 7.4 11.0

236 26.2 21.0 31.6

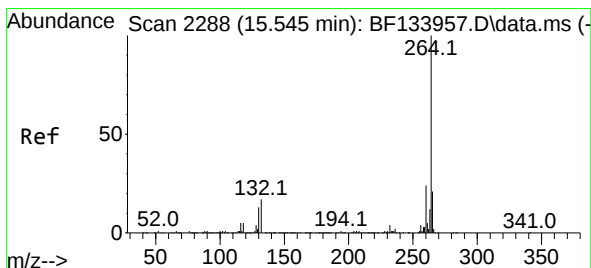
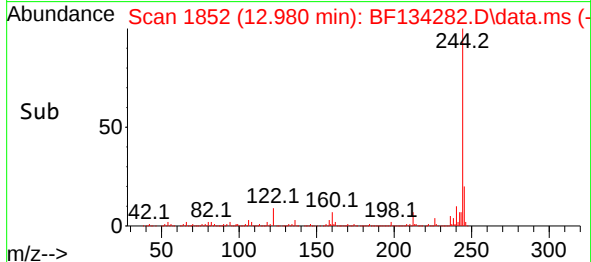
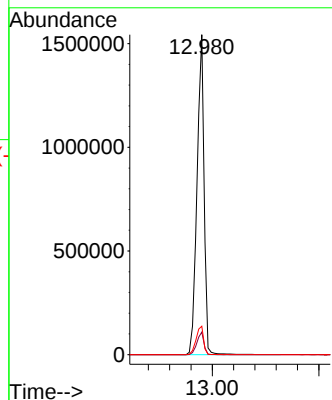
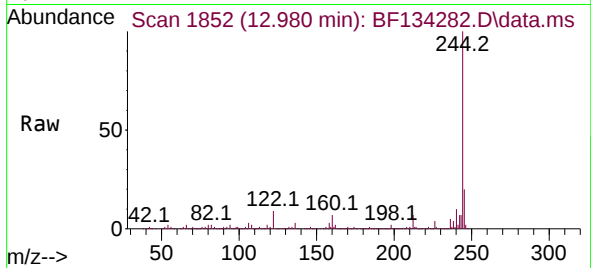




#79
 Terphenyl-d14
 Concen: 76.690 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF134282.D
 Acq: 14 Jul 2023 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB154160BL

Tgt Ion:244 Resp: 1426730
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF134282.D
 Acq: 14 Jul 2023 10:16

Tgt Ion:264 Resp: 312848
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.2 16.6 25.0

