

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
 Data File : BF134336.D
 Acq On : 18 Jul 2023 13:58
 Operator : CG\JU
 Sample : PB154222BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154222BL

Quant Time: Jul 18 14:35:30 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	6.839	152	93568	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	372361	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	161029	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	342961	20.000	ng	0.00
76) Chrysene-d12	14.033	240	301625	20.000	ng	0.00
86) Perylene-d12	15.545	264	230754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	630168	112.659	ng	0.02
7) Phenol-d6	6.487	99	753932	109.599	ng	0.00
23) Nitrobenzene-d5	7.404	82	618887	89.594	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	299035	148.112	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1001488	90.422	ng	0.00
79) Terphenyl-d14	12.974	244	1485874	79.284	ng	0.00

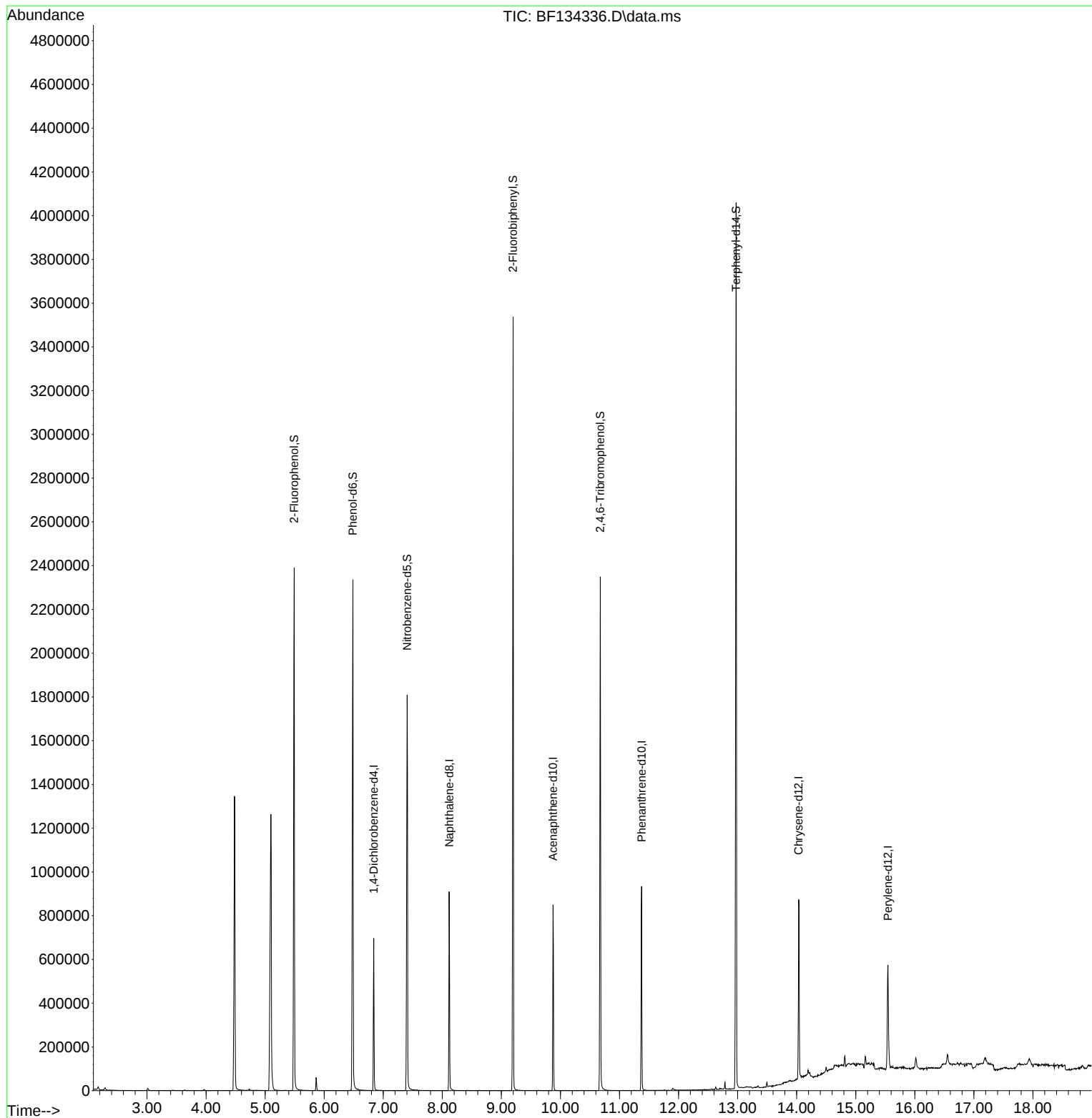
Target Compounds	Qvalue

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

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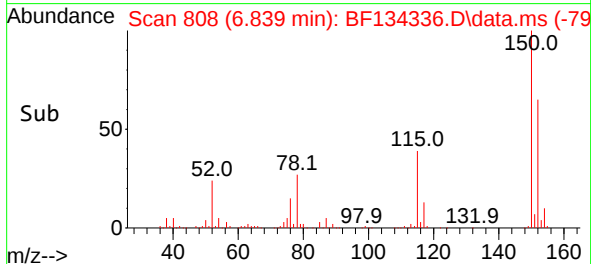
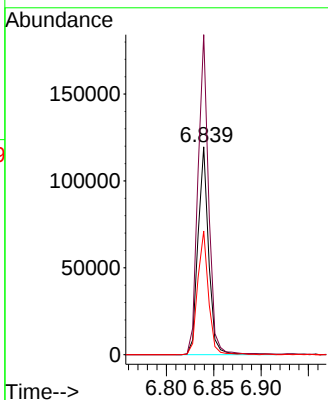
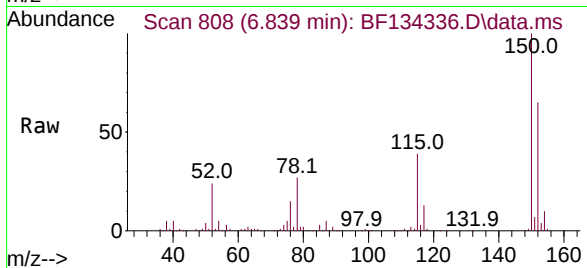




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134336.D
Acq: 18 Jul 2023 13:58

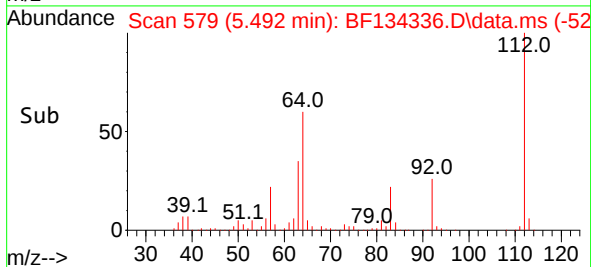
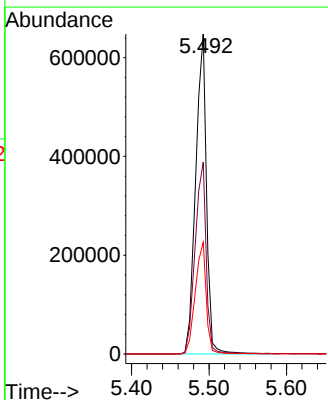
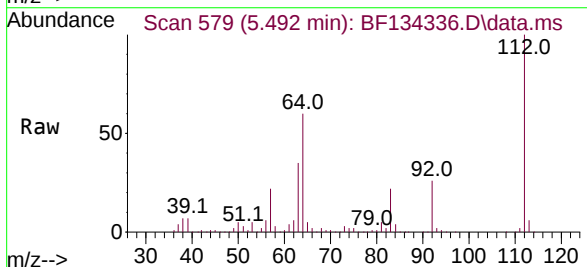
Instrument :
BNA_F
ClientSampleId :
PB154222BL

Tgt Ion:152 Resp: 93568
Ion Ratio Lower Upper
152 100
150 154.0 124.5 186.7
115 59.5 50.2 75.2



#5
2-Fluorophenol
Concen: 112.659 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.024 min
Lab File: BF134336.D
Acq: 18 Jul 2023 13:58

Tgt Ion:112 Resp: 630168
Ion Ratio Lower Upper
112 100
64 60.0 52.1 78.1
63 34.9 28.6 42.8

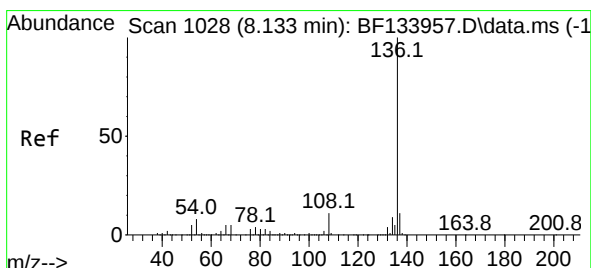
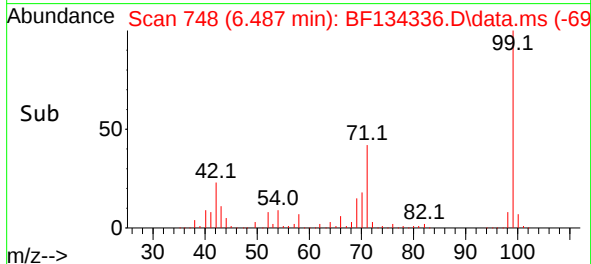
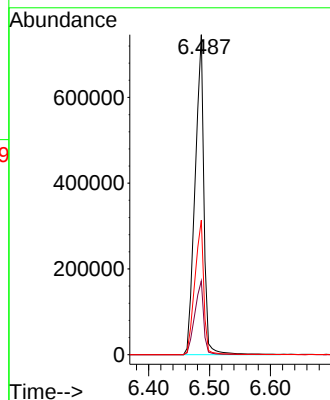
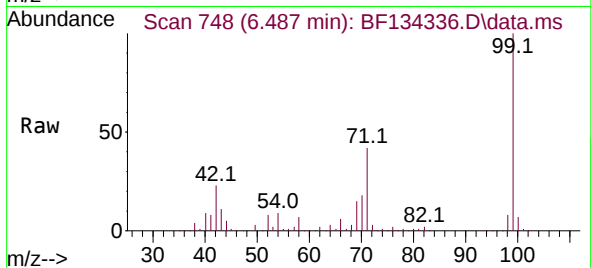




#7
Phenol-d6
Concen: 109.599 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134336.D
Acq: 18 Jul 2023 13:58

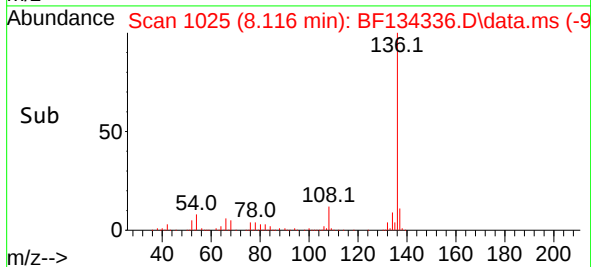
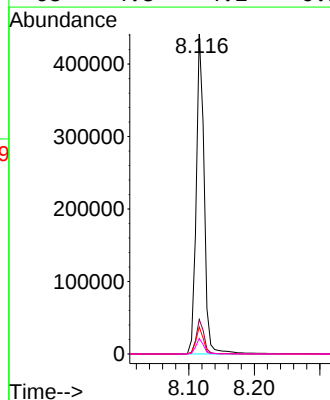
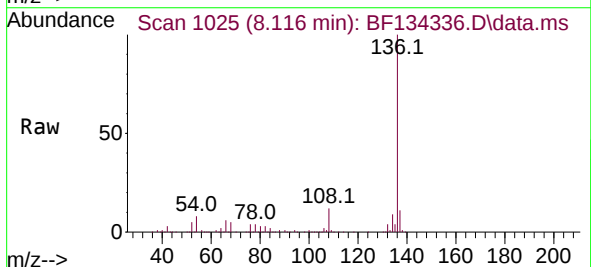
Instrument :
BNA_F
ClientSampleId :
PB154222BL

Tgt Ion: 99 Resp: 753932
Ion Ratio Lower Upper
99 100
42 23.1 19.8 29.6
71 42.1 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134336.D
Acq: 18 Jul 2023 13:58

Tgt Ion: 136 Resp: 372361
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.5 6.5 9.7
68 4.8 4.2 6.2

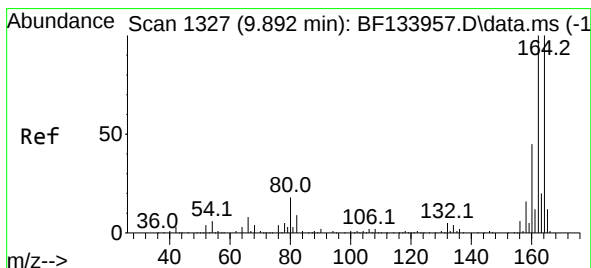
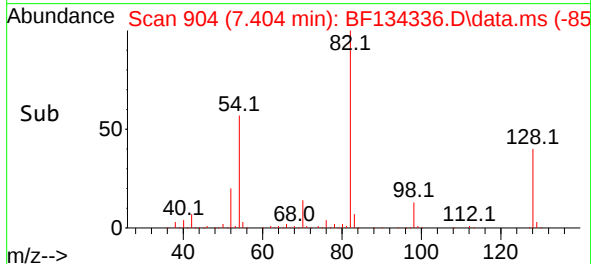
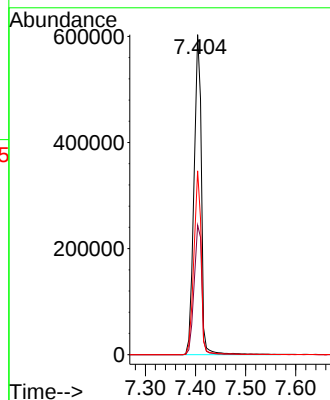
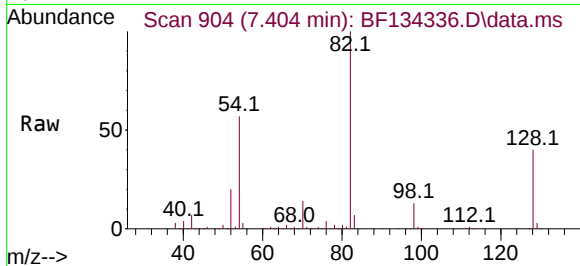




#23
 Nitrobenzene-d5
 Concen: 89.594 ng
 RT: 7.404 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: BF134336.D
 Acq: 18 Jul 2023 13:58

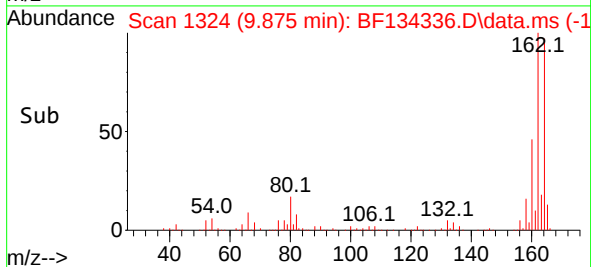
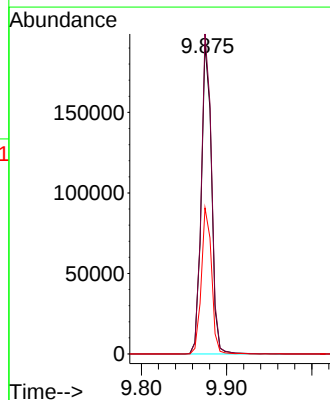
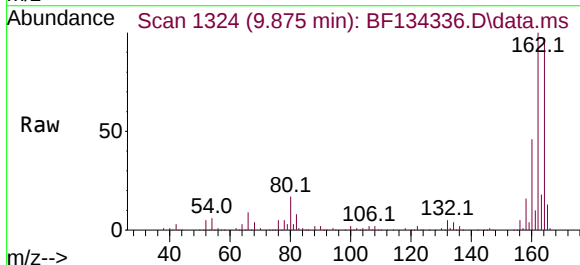
Instrument :
 BNA_F
 ClientSampleId :
 PB154222BL

Tgt Ion: 82 Resp: 618887
 Ion Ratio Lower Upper
 82 100
 128 40.4 32.5 48.7
 54 57.5 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.875 min Scan# 1324
 Delta R.T. -0.006 min
 Lab File: BF134336.D
 Acq: 18 Jul 2023 13:58

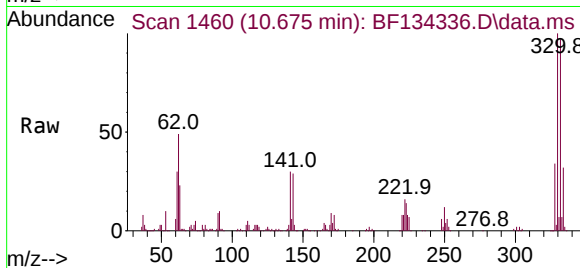
Tgt Ion:164 Resp: 161029
 Ion Ratio Lower Upper
 164 100
 162 103.3 80.0 120.0
 160 47.2 35.9 53.9



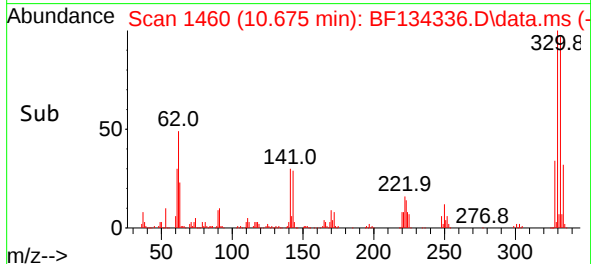
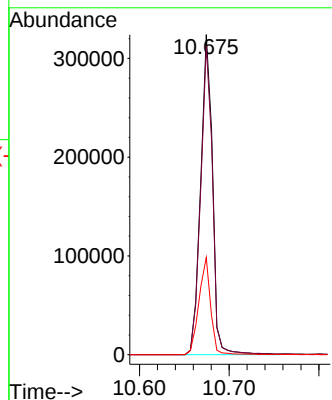


#42
 2,4,6-Tribromophenol
 Concen: 148.112 ng
 RT: 10.675 min Scan# 1460
 Delta R.T. -0.006 min
 Lab File: BF134336.D
 Acq: 18 Jul 2023 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB154222BL

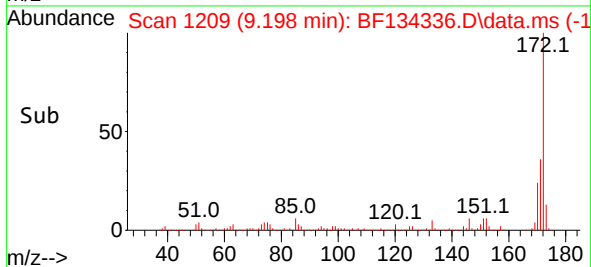
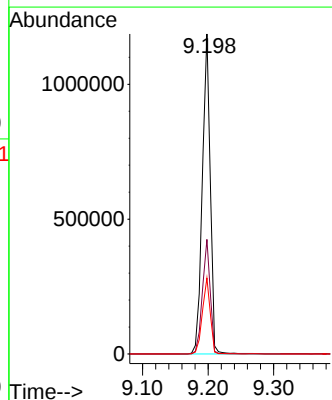
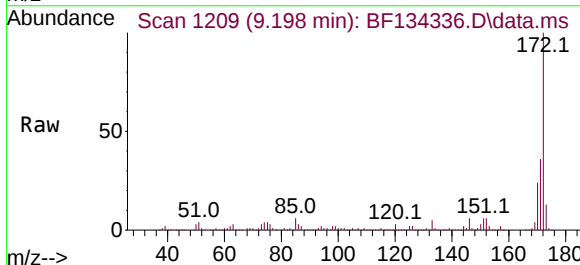


Tgt Ion:330 Resp: 299035
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 29.9 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 90.422 ng
 RT: 9.198 min Scan# 1209
 Delta R.T. -0.006 min
 Lab File: BF134336.D
 Acq: 18 Jul 2023 13:58

Tgt Ion:172 Resp: 1001488
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.8 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134336.D

Acq: 18 Jul 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB154222BL

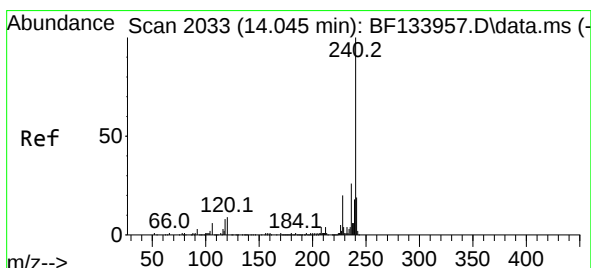
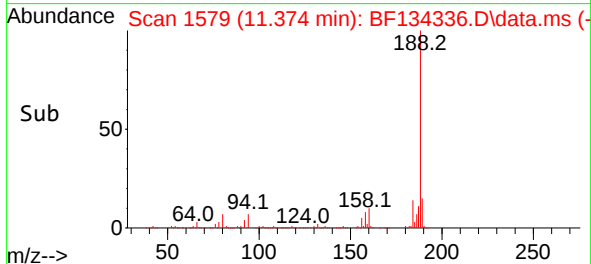
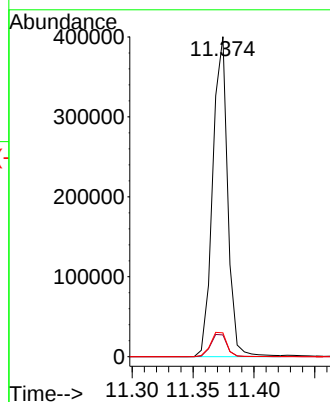
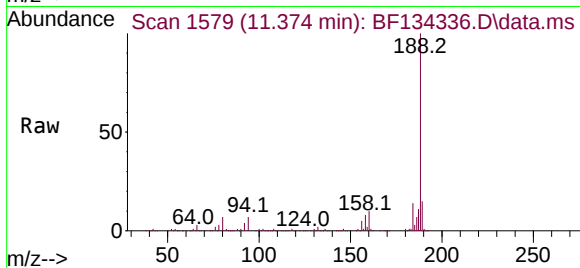
Tgt Ion:188 Resp: 342961

Ion Ratio Lower Upper

188 100

94 6.8 6.4 9.6

80 7.5 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: BF134336.D

Acq: 18 Jul 2023 13:58

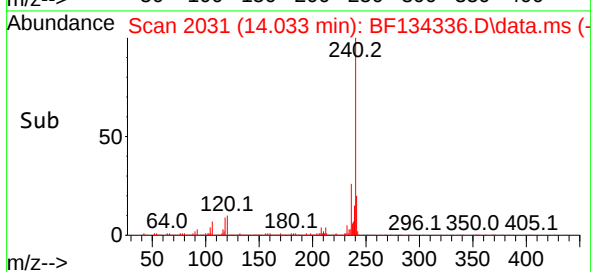
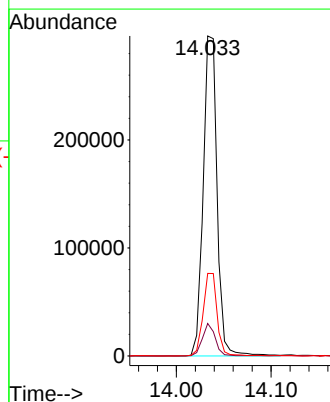
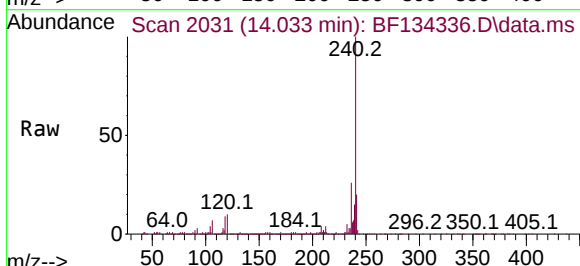
Tgt Ion:240 Resp: 301625

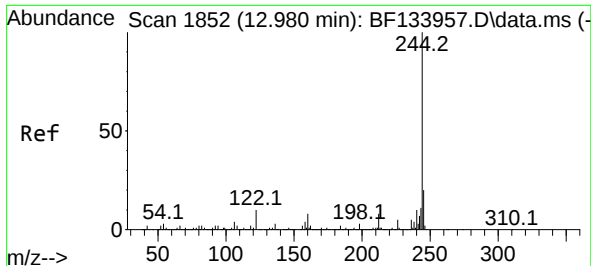
Ion Ratio Lower Upper

240 100

120 10.2 7.4 11.0

236 25.8 21.0 31.6

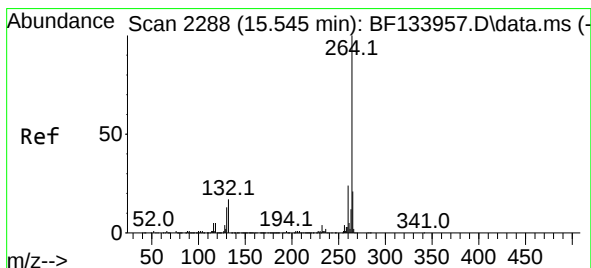
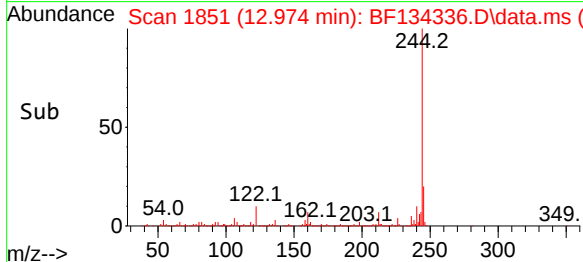
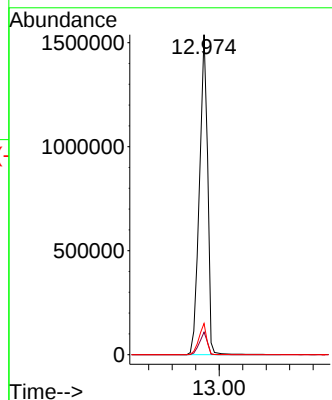
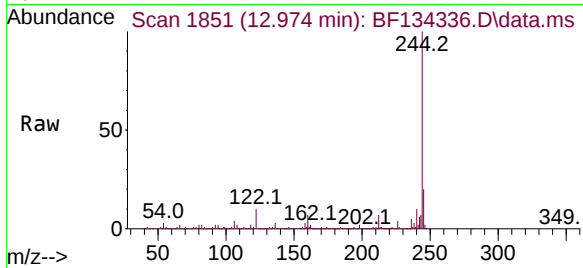




#79
 Terphenyl-d14
 Concen: 79.284 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134336.D
 Acq: 18 Jul 2023 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB154222BL

Tgt Ion:244 Resp: 1485874
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.8 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: BF134336.D
 Acq: 18 Jul 2023 13:58

Tgt Ion:264 Resp: 230754
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.3 16.6 25.0

