

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139823.D
Acq On : 16 Oct 2024 11:05
Operator : RC/JU
Sample : PB164123BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164123BL

Quant Time: Oct 16 11:51:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 16:41:54 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	88705	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	341905	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	193323	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	357793	20.000	ng	0.00
76) Chrysene-d12	14.010	240	179537	20.000	ng	0.00
86) Perylene-d12	15.474	264	171426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	746048	141.908	ng	0.00
7) Phenol-d6	6.486	99	970029	138.740	ng	0.00
23) Nitrobenzene-d5	7.416	82	630770	94.956	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	231372	141.907	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1158261	89.612	ng	0.00
79) Terphenyl-d14	12.957	244	1147037	151.252	ng	0.00

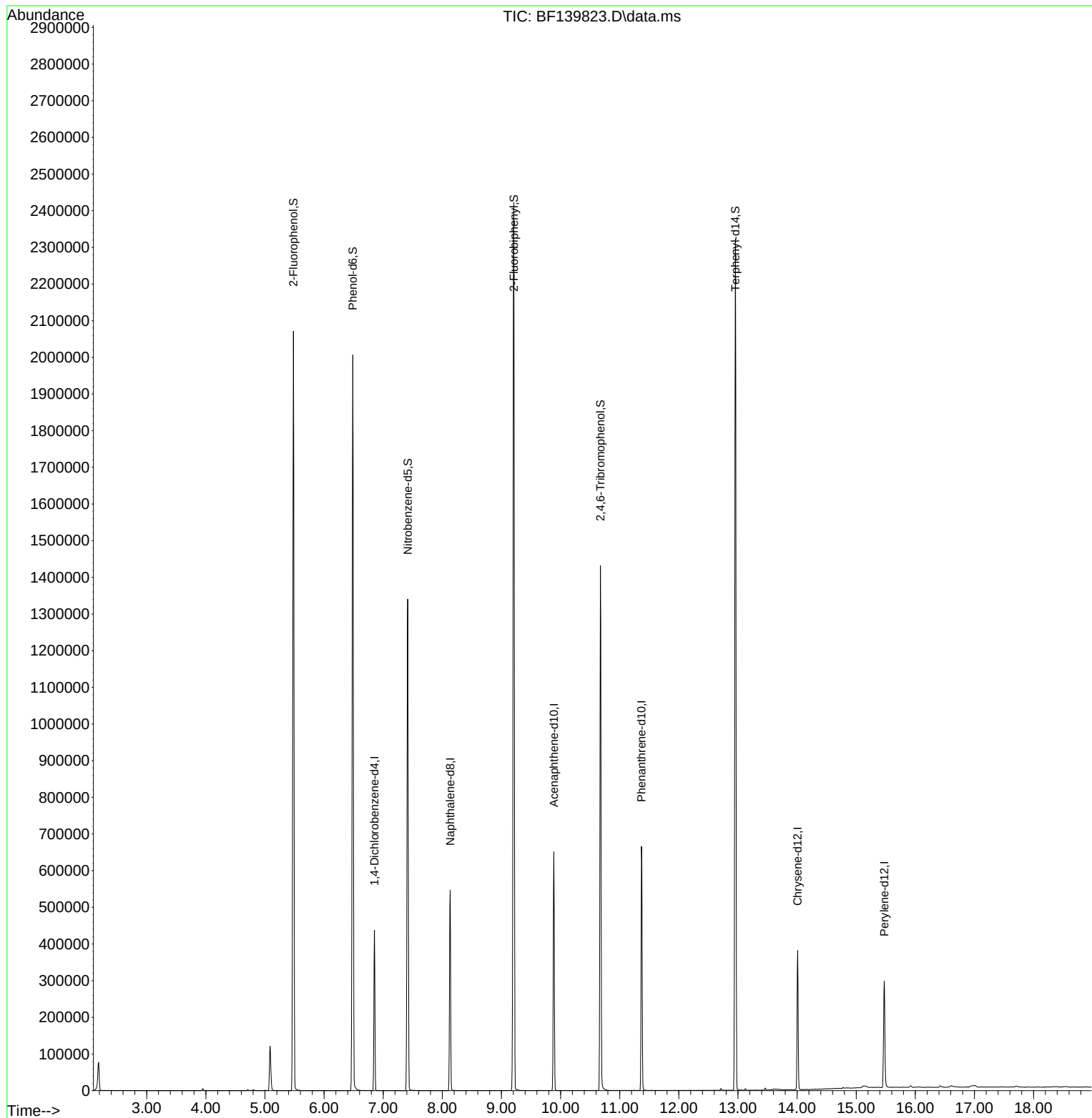
Target Compounds	Qvalue

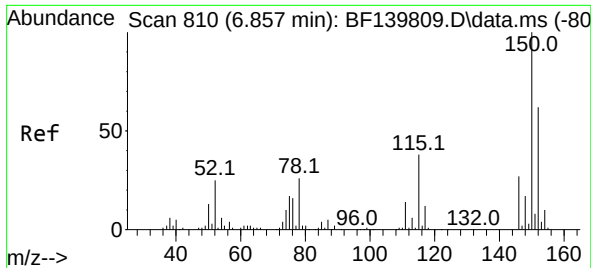
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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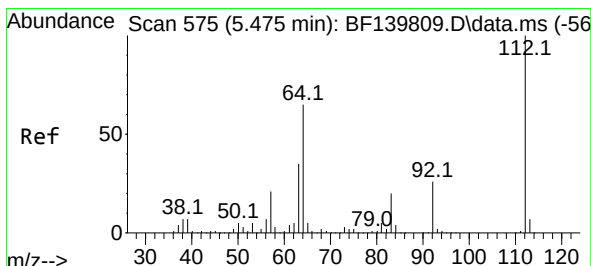
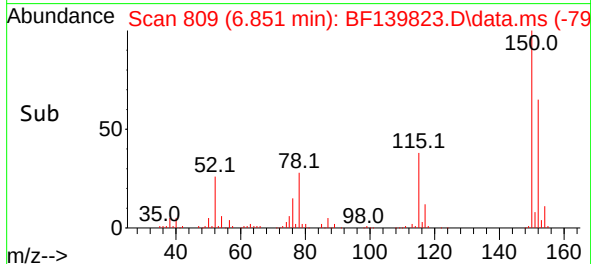
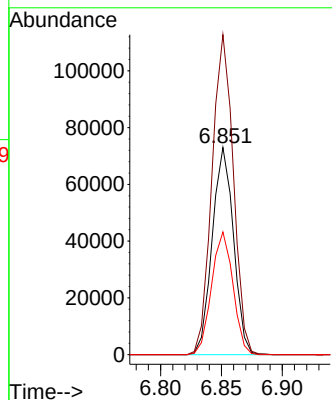
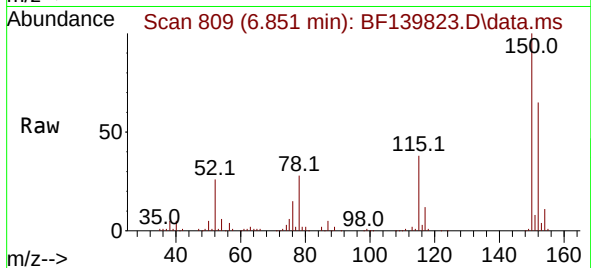




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 809
 Delta R.T. -0.006 min
 Lab File: BF139823.D
 Acq: 16 Oct 2024 11:05

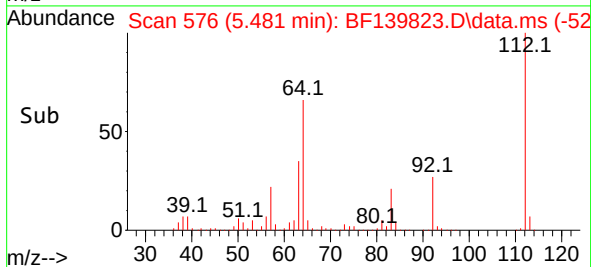
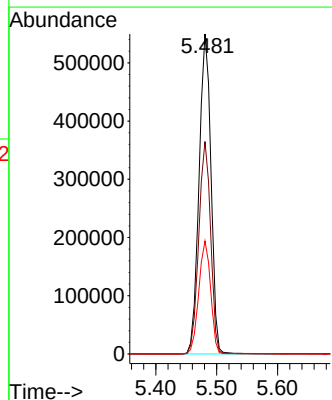
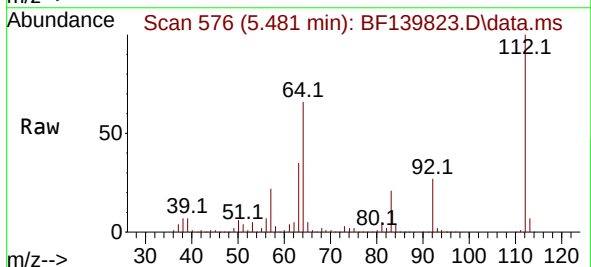
Instrument :
 BNA_F
 ClientSampleId :
 PB164123BL

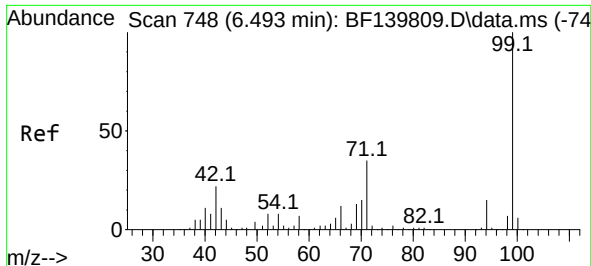
Tgt Ion:152 Resp: 88705
 Ion Ratio Lower Upper
 152 100
 150 154.5 128.2 192.2
 115 59.3 48.1 72.1



#5
 2-Fluorophenol
 Concen: 141.908 ng
 RT: 5.481 min Scan# 576
 Delta R.T. 0.006 min
 Lab File: BF139823.D
 Acq: 16 Oct 2024 11:05

Tgt Ion:112 Resp: 746048
 Ion Ratio Lower Upper
 112 100
 64 66.4 52.1 78.1
 63 35.3 27.6 41.4

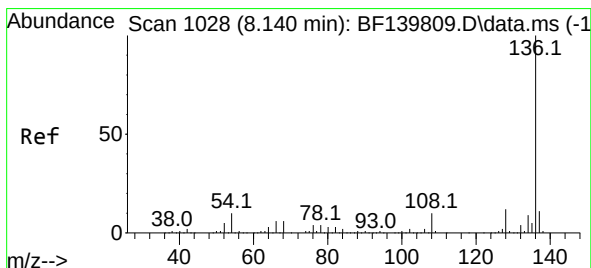
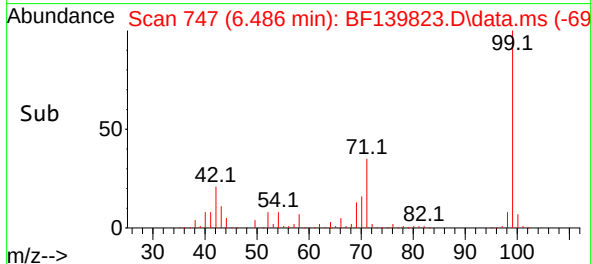
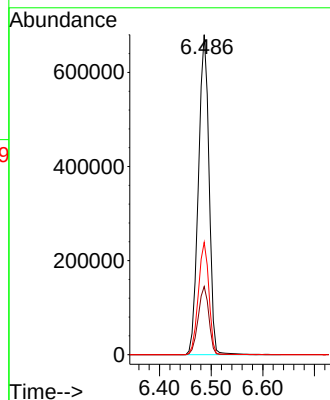
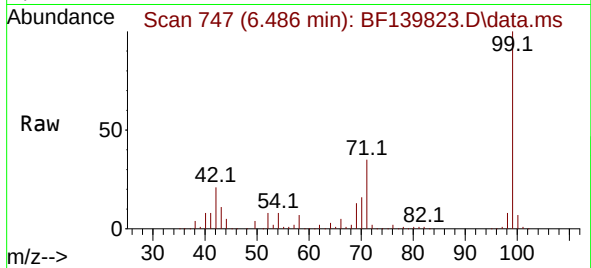




#7
Phenol-d6
Concen: 138.740 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF139823.D
Acq: 16 Oct 2024 11:05

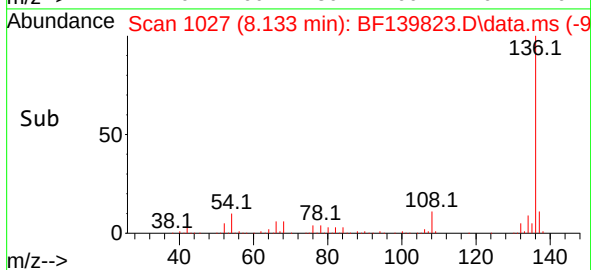
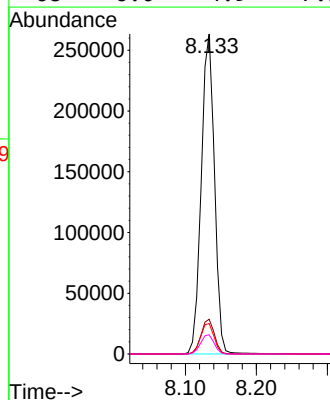
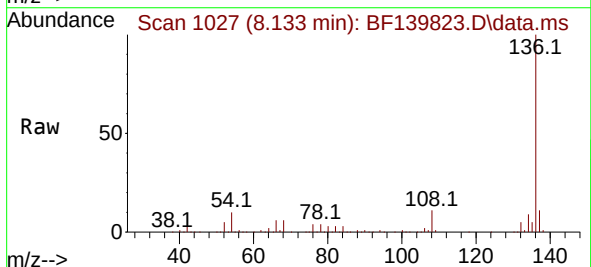
Instrument :
BNA_F
ClientSampleId :
PB164123BL

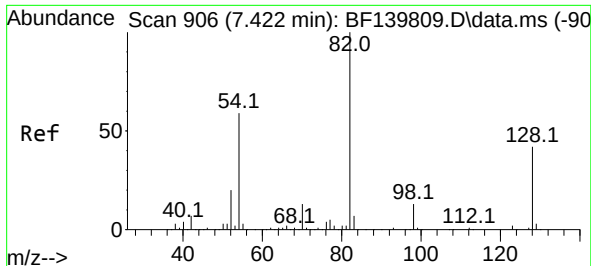
Tgt Ion: 99 Resp: 970029
Ion Ratio Lower Upper
99 100
42 21.3 17.3 25.9
71 35.1 27.8 41.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BF139823.D
Acq: 16 Oct 2024 11:05

Tgt Ion: 136 Resp: 341905
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.5 7.7 11.5
68 6.0 4.9 7.3

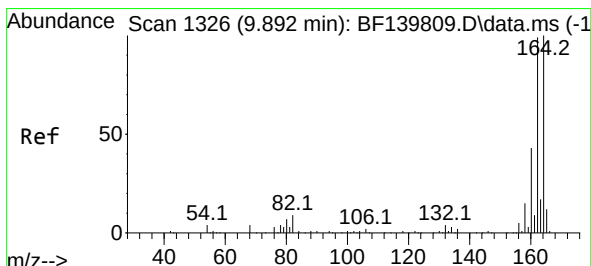
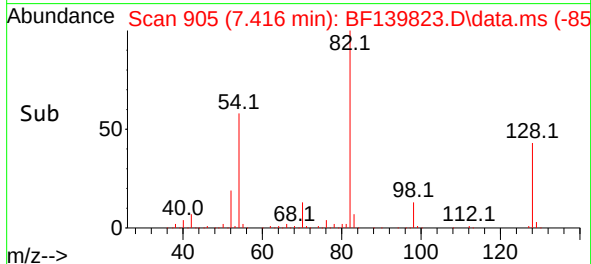
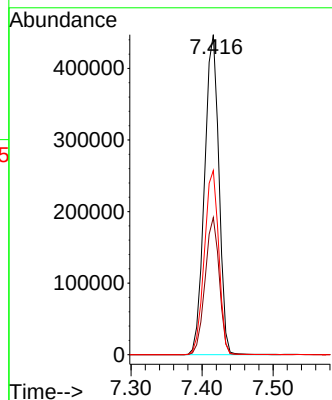
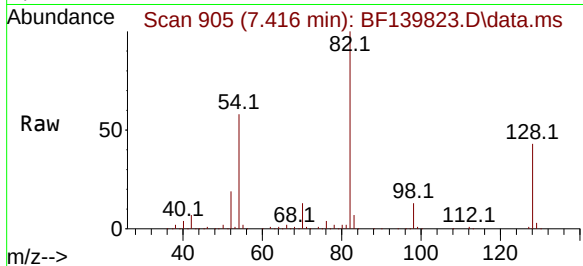




#23
 Nitrobenzene-d5
 Concen: 94.956 ng
 RT: 7.416 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: BF139823.D
 Acq: 16 Oct 2024 11:05

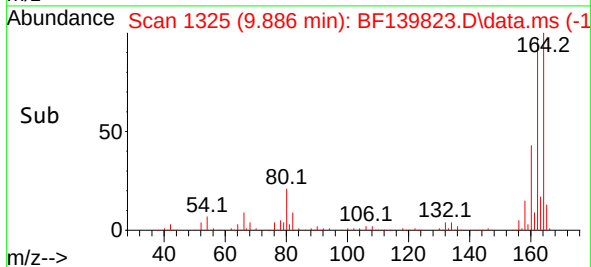
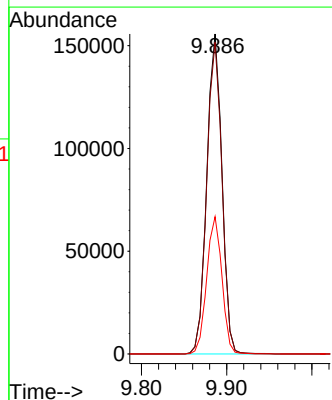
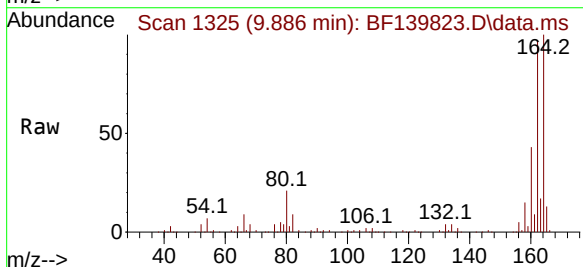
Instrument :
 BNA_F
 ClientSampleId :
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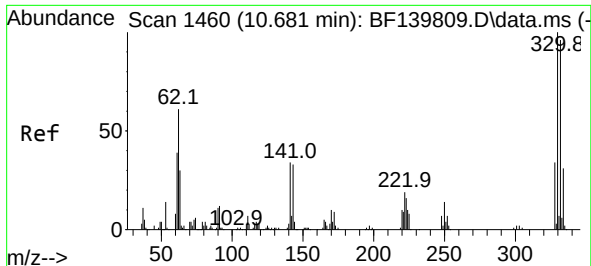
Tgt Ion: 82 Resp: 630770
 Ion Ratio Lower Upper
 82 100
 128 42.9 33.9 50.9
 54 57.6 46.9 70.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1325
 Delta R.T. -0.006 min
 Lab File: BF139823.D
 Acq: 16 Oct 2024 11:05

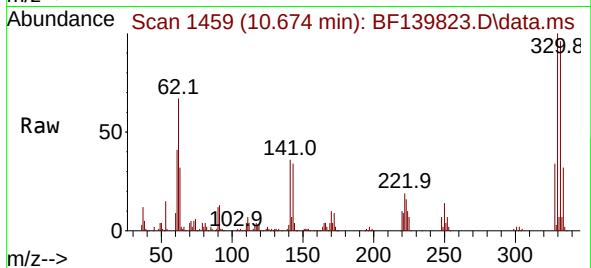
Tgt Ion:164 Resp: 193323
 Ion Ratio Lower Upper
 164 100
 162 97.4 79.1 118.7
 160 42.9 34.4 51.6



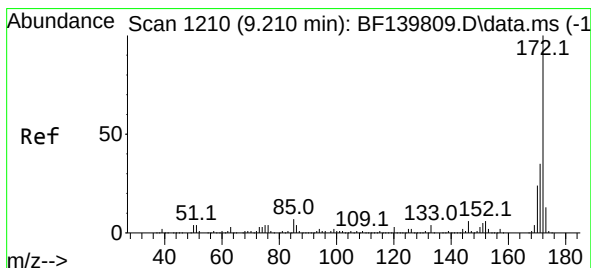
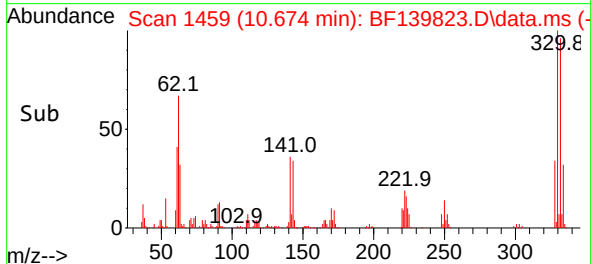
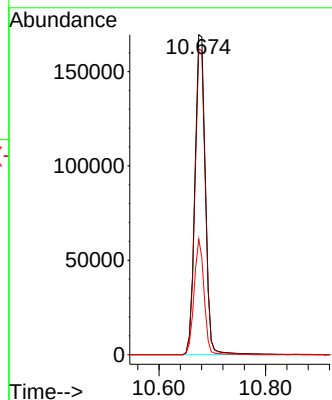


#42
2,4,6-Tribromophenol
Concen: 141.907 ng
RT: 10.674 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF139823.D
Acq: 16 Oct 2024 11:05

Instrument :
BNA_F
ClientSampleId :
PB164123BL

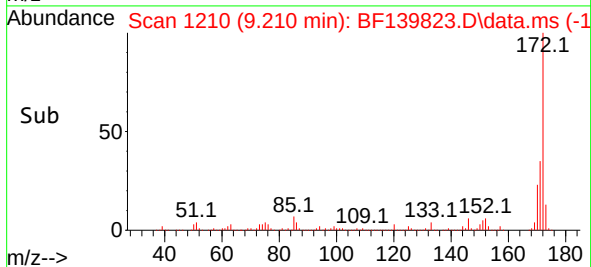
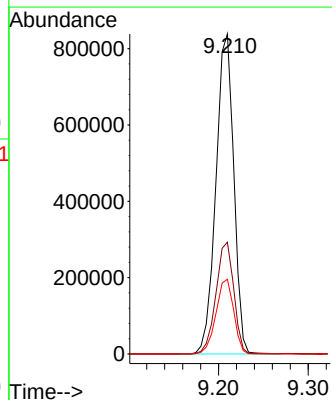
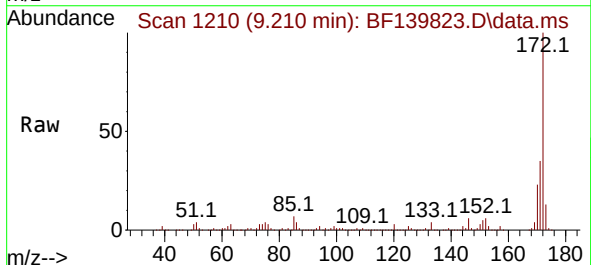


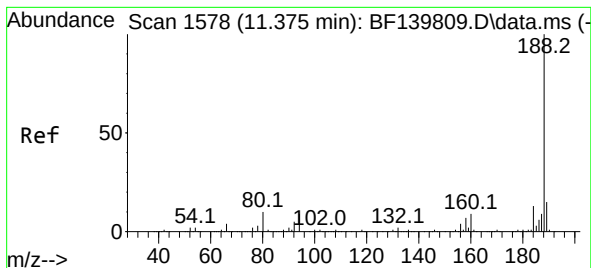
Tgt Ion: 330 Resp: 231372
Ion Ratio Lower Upper
330 100
332 95.5 76.6 114.8
141 34.4 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 89.612 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF139823.D
Acq: 16 Oct 2024 11:05

Tgt Ion: 172 Resp: 1158261
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139823.D

Acq: 16 Oct 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB164123BL

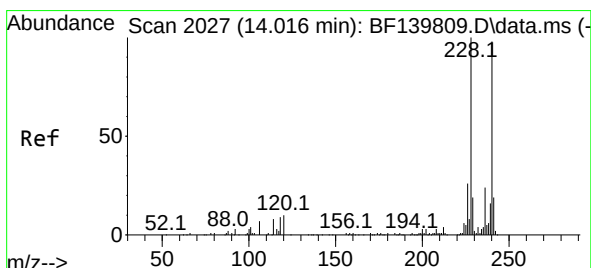
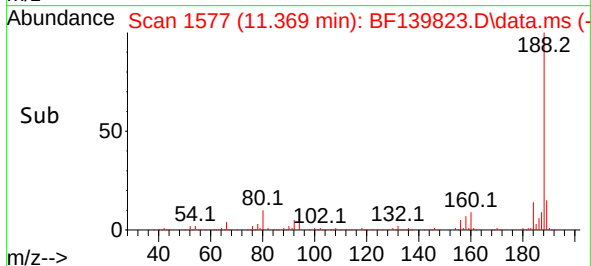
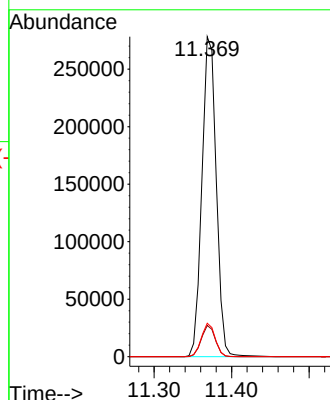
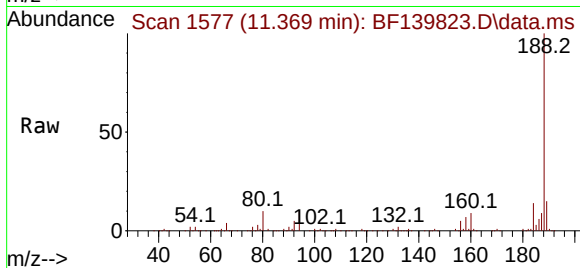
Tgt Ion:188 Resp: 357793

Ion Ratio Lower Upper

188 100

94 9.8 7.3 10.9

80 10.4 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF139823.D

Acq: 16 Oct 2024 11:05

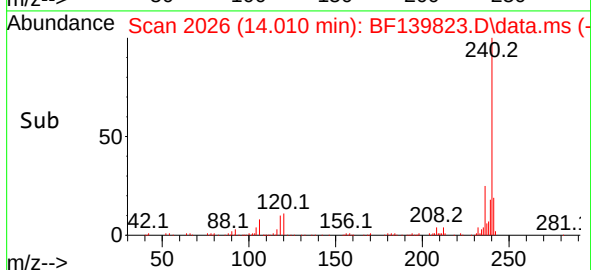
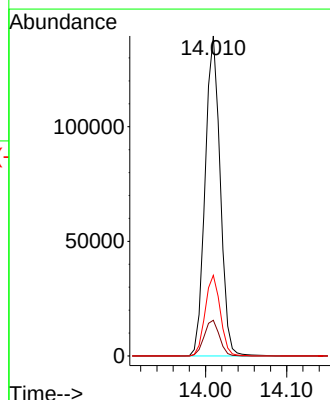
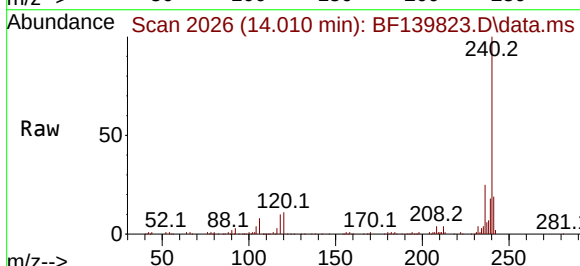
Tgt Ion:240 Resp: 179537

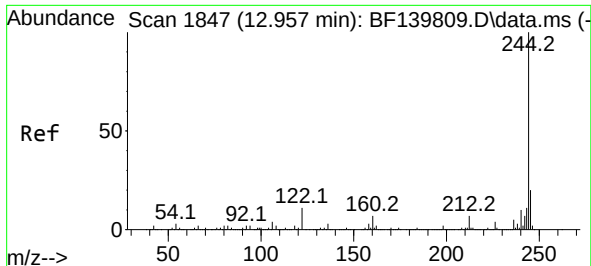
Ion Ratio Lower Upper

240 100

120 11.1 8.6 12.8

236 25.2 20.0 30.0

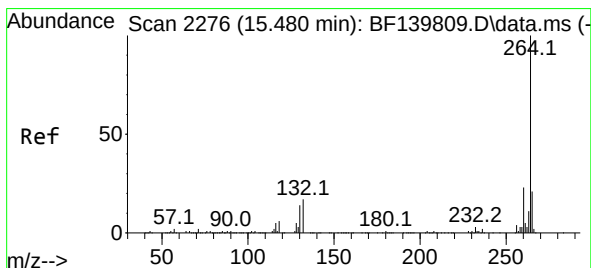
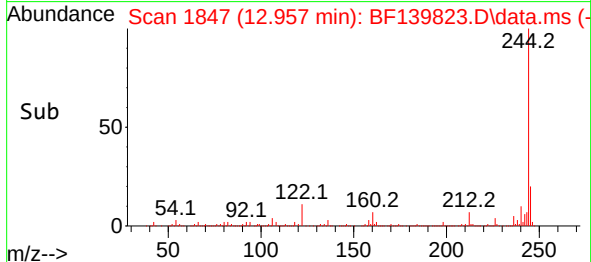
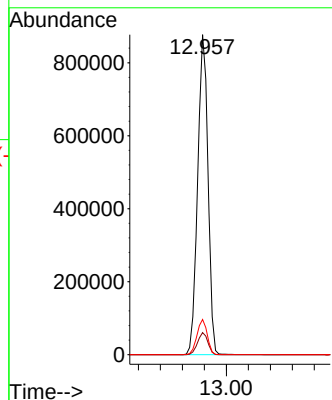
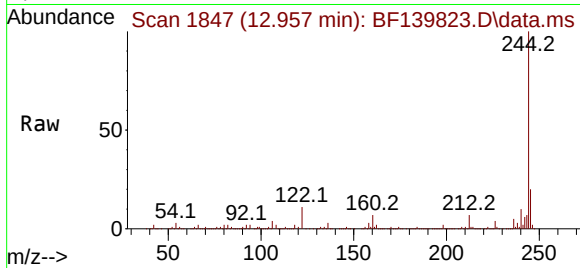




#79
 Terphenyl-d14
 Concen: 151.252 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139823.D
 Acq: 16 Oct 2024 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB164123BL

Tgt Ion:244 Resp: 1147037
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.0 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF139823.D
 Acq: 16 Oct 2024 11:05

Tgt Ion:264 Resp: 171426
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 20.9 17.2 25.8

