

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
 Data File : BF139814.D
 Acq On : 15 Oct 2024 16:07
 Operator : RC/JU
 Sample : PB164157BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164157BL

Quant Time: Oct 15 16:47:15 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	89149	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	334998	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	189711	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	352336	20.000	ng	0.00
76) Chrysene-d12	14.010	240	164626	20.000	ng	0.00
86) Perylene-d12	15.474	264	162439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	716461	135.602	ng	0.00
7) Phenol-d6	6.487	99	944548	134.422	ng	0.00
23) Nitrobenzene-d5	7.416	82	603681	92.752	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	222872	139.296	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1113832	87.815	ng	0.00
79) Terphenyl-d14	12.957	244	1058428	153.127	ng	0.00

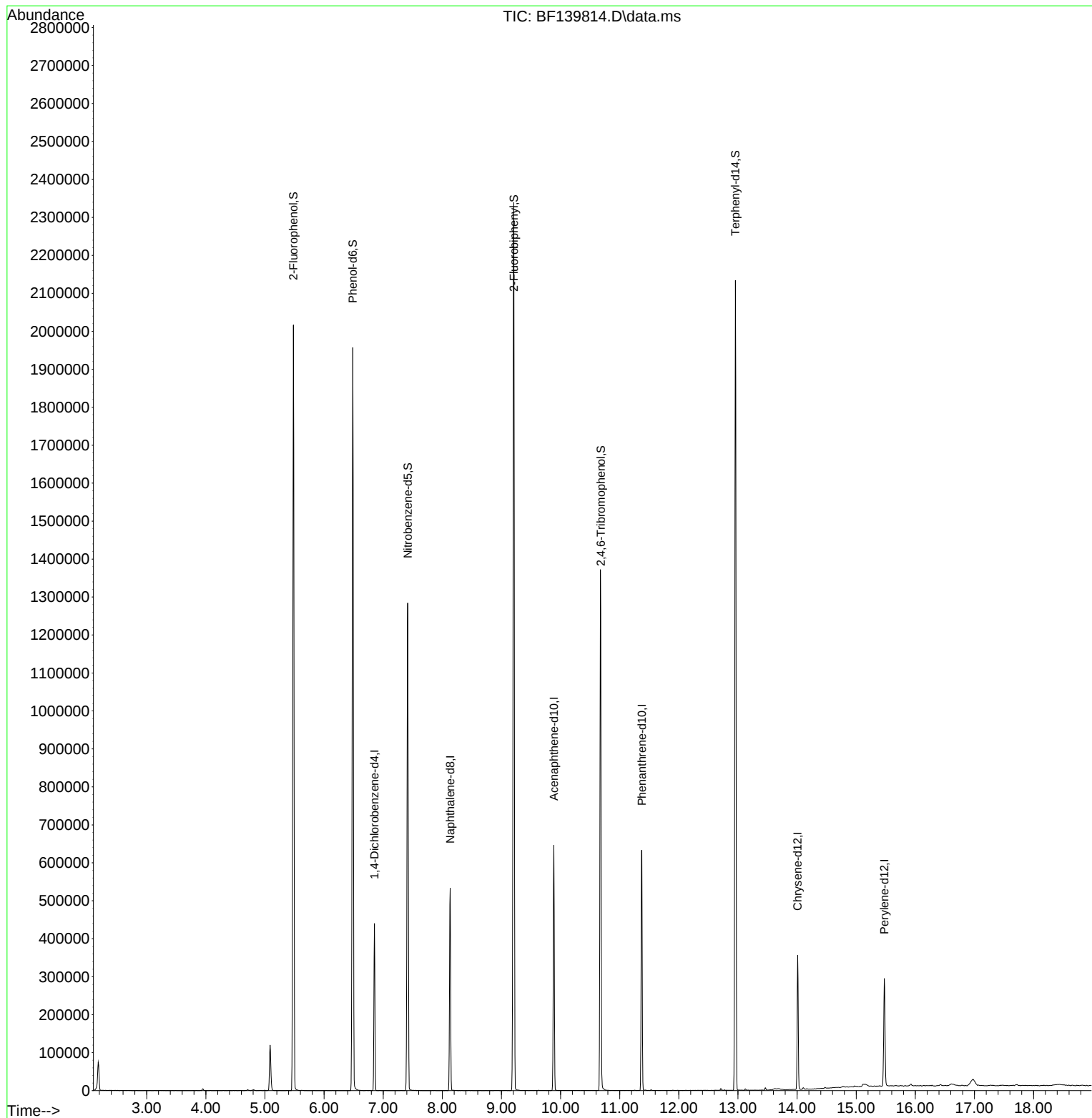
Target Compounds	Qvalue

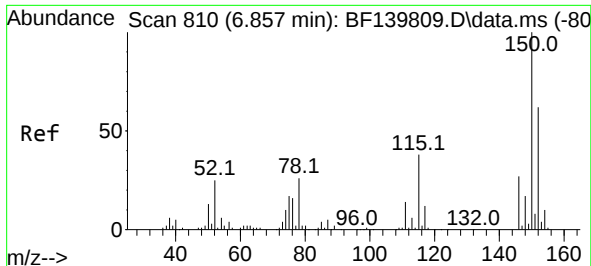
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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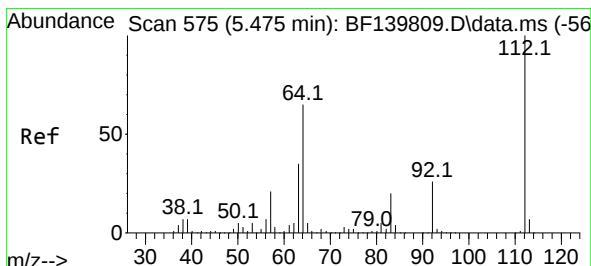
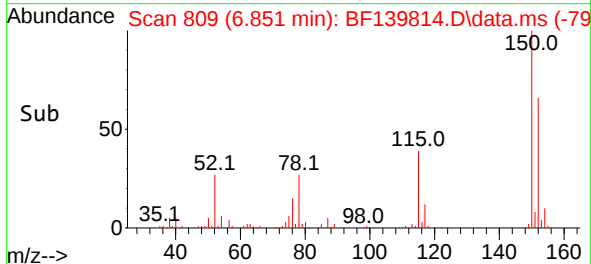
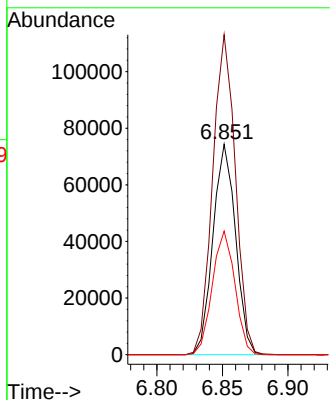
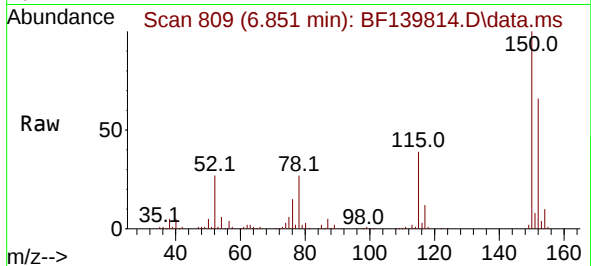




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

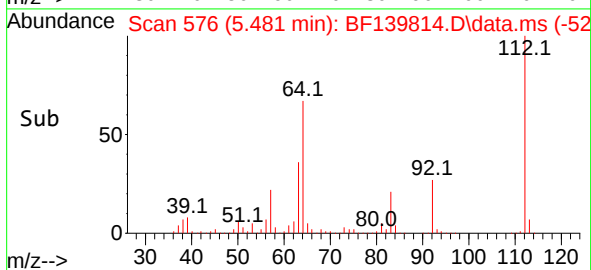
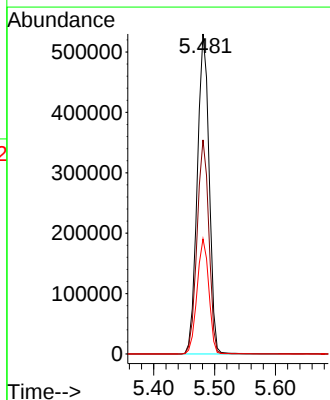
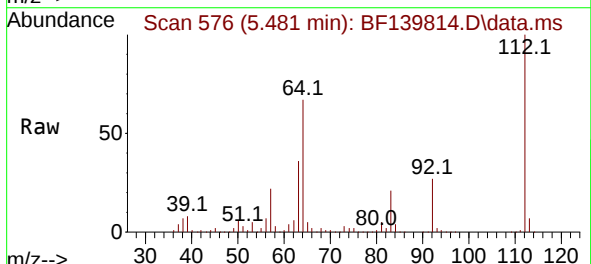
Instrument :
BNA_F
ClientSampleId :
PB164157BL

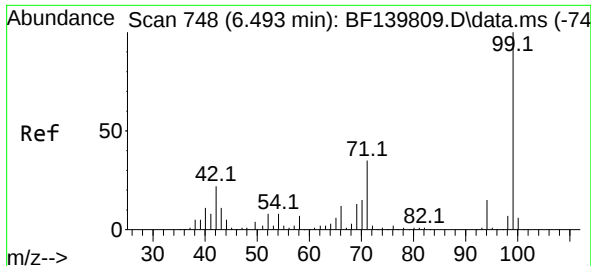
Tgt Ion:152 Resp: 89149
Ion Ratio Lower Upper
152 100
150 152.1 128.2 192.2
115 58.7 48.1 72.1



#5
2-Fluorophenol
Concen: 135.602 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

Tgt Ion:112 Resp: 716461
Ion Ratio Lower Upper
112 100
64 66.9 52.1 78.1
63 35.9 27.6 41.4

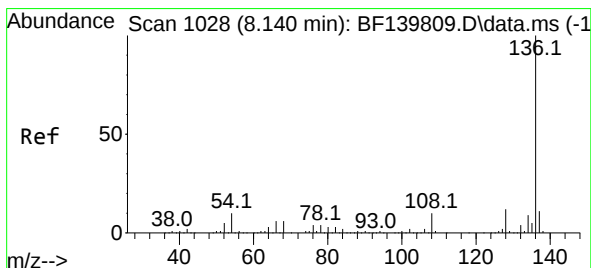
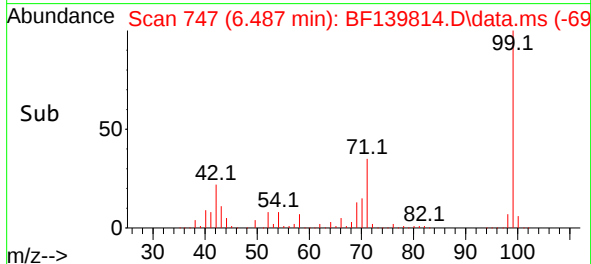
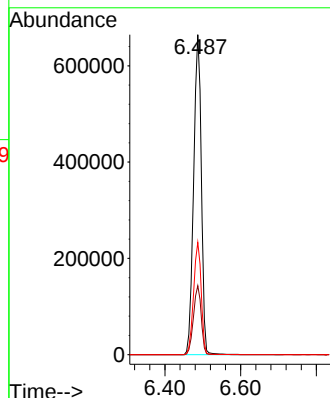
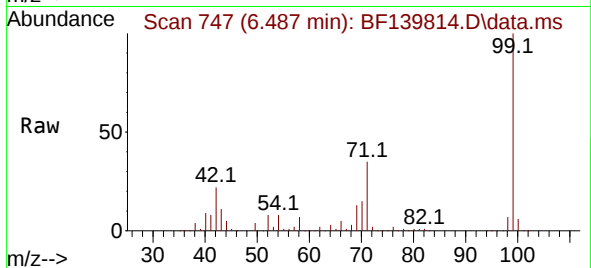




#7
Phenol-d6
Concen: 134.422 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

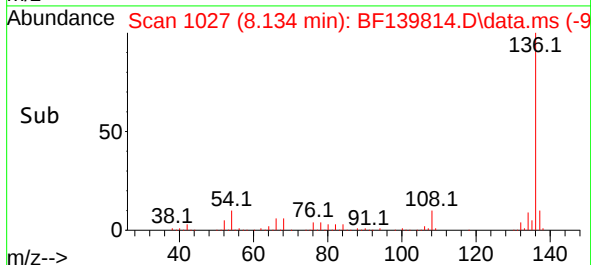
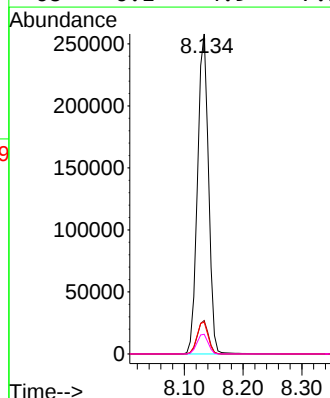
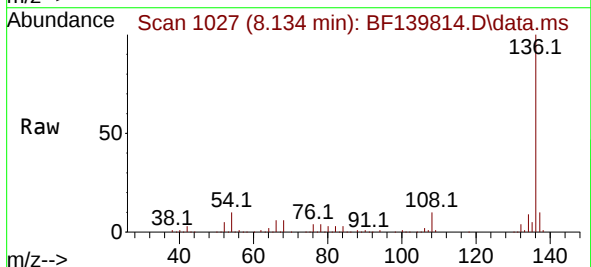
Instrument :
BNA_F
ClientSampleId :
PB164157BL

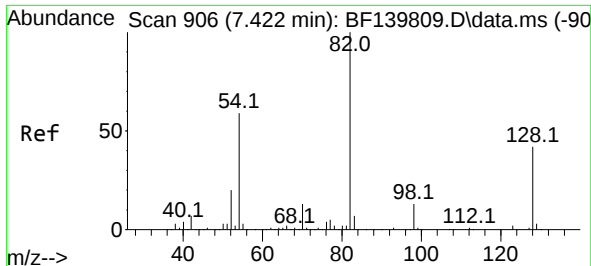
Tgt Ion: 99 Resp: 944548
Ion Ratio Lower Upper
99 100
42 21.6 17.3 25.9
71 35.1 27.8 41.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

Tgt Ion: 136 Resp: 334998
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 9.9 7.7 11.5
68 6.1 4.9 7.3

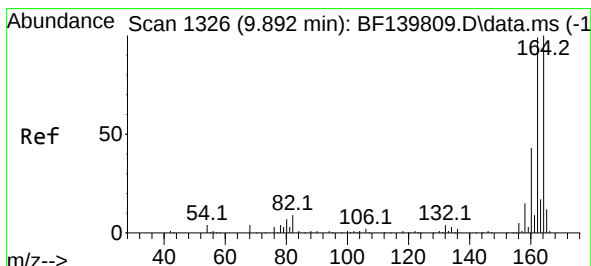
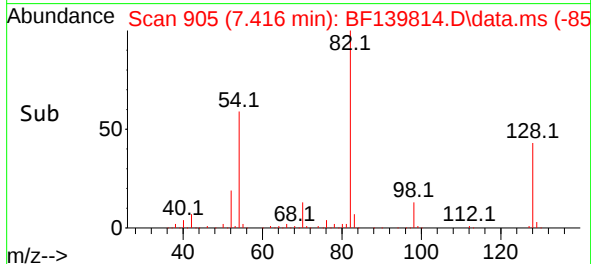
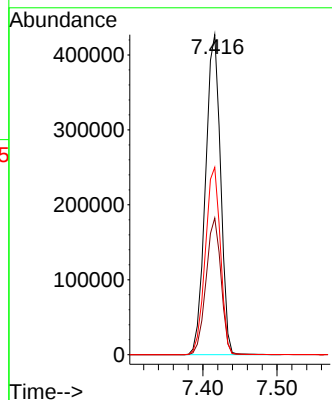
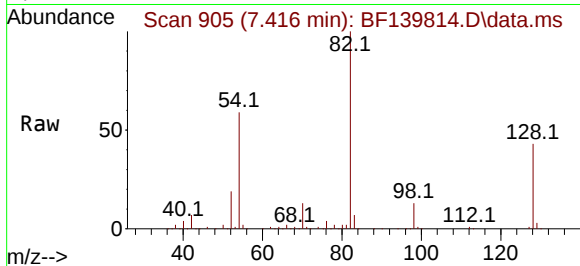




#23
Nitrobenzene-d5
Concen: 92.752 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

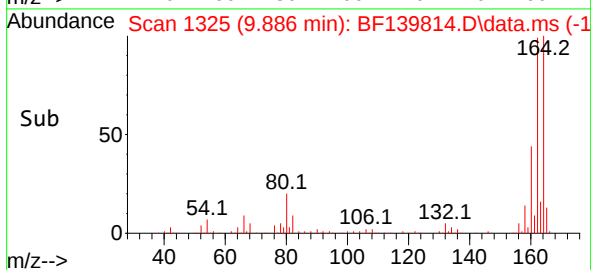
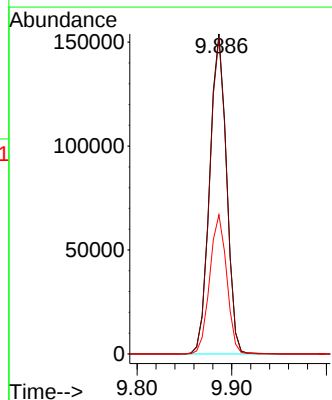
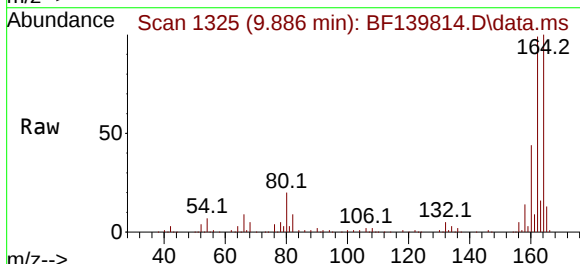
Instrument :
BNA_F
ClientSampleId :
PB164157BL

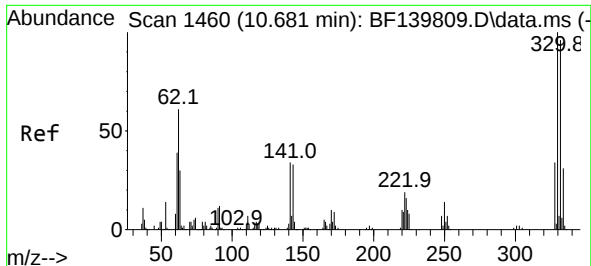
Tgt Ion: 82 Resp: 603681
Ion Ratio Lower Upper
82 100
128 42.7 33.9 50.9
54 58.5 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

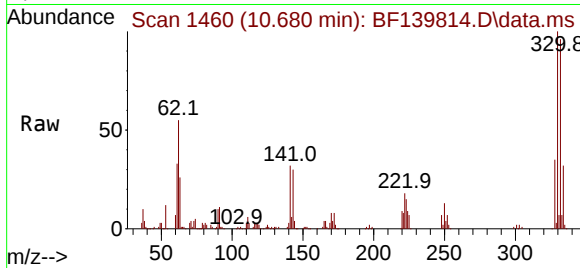
Tgt Ion:164 Resp: 189711
Ion Ratio Lower Upper
164 100
162 98.8 79.1 118.7
160 43.5 34.4 51.6



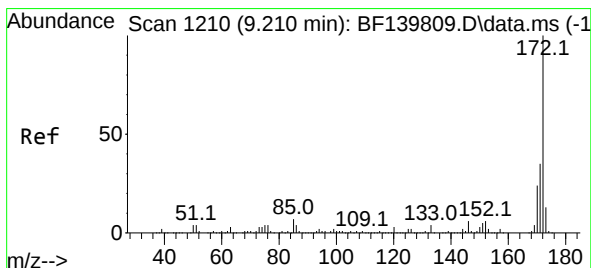
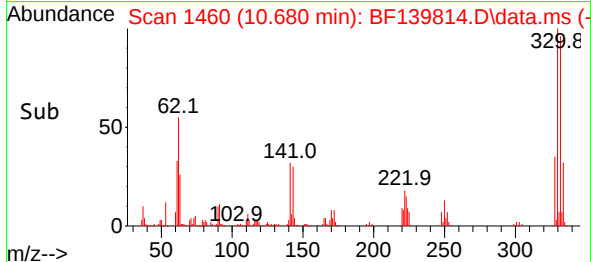
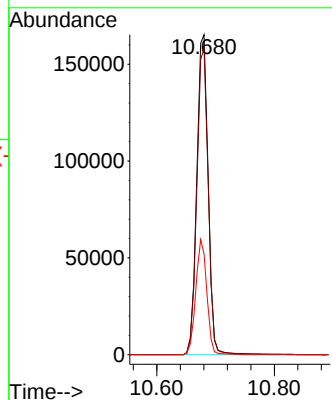


#42
2,4,6-Tribromophenol
Concen: 139.296 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

Instrument :
BNA_F
ClientSampleId :
PB164157BL

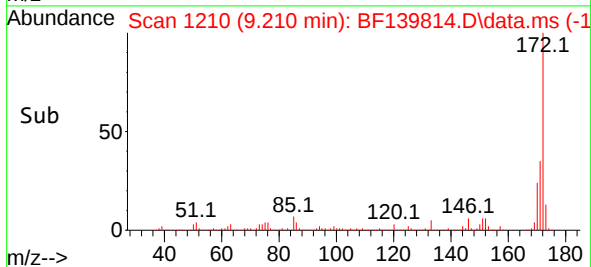
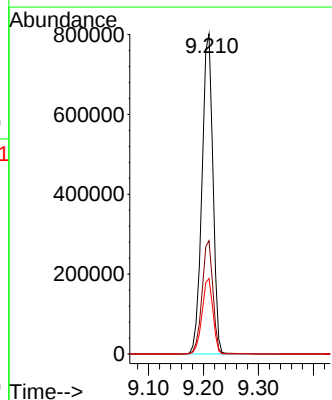
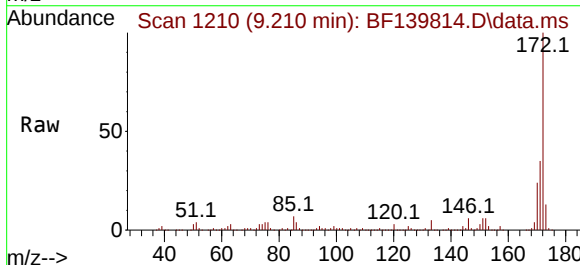


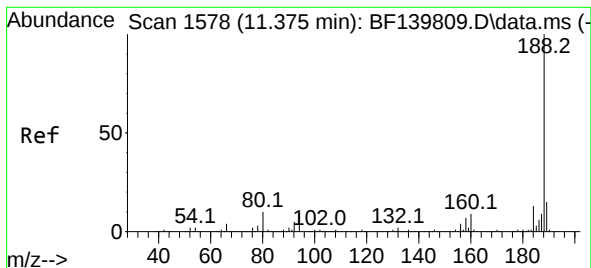
Tgt Ion:330 Resp: 222872
Ion Ratio Lower Upper
330 100
332 95.2 76.6 114.8
141 34.8 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 87.815 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF139814.D
Acq: 15 Oct 2024 16:07

Tgt Ion:172 Resp: 1113832
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139814.D

Acq: 15 Oct 2024 16:07

Instrument :

BNA_F

ClientSampleId :

PB164157BL

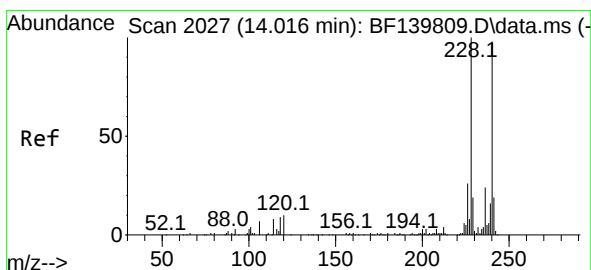
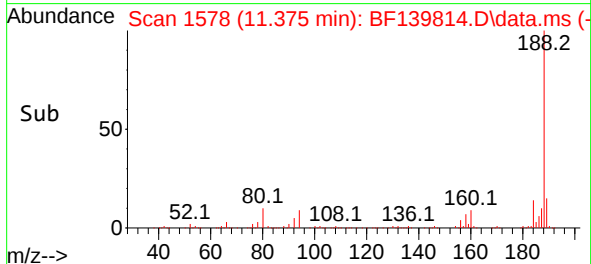
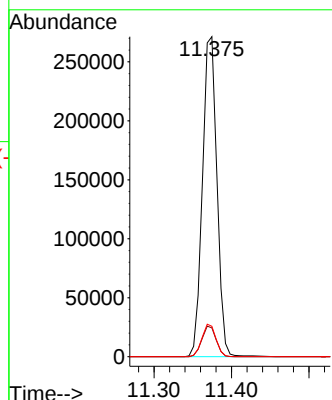
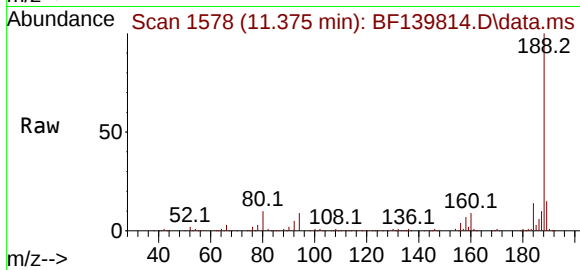
Tgt Ion:188 Resp: 352336

Ion Ratio Lower Upper

188 100

94 9.0 7.3 10.9

80 9.5 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: BF139814.D

Acq: 15 Oct 2024 16:07

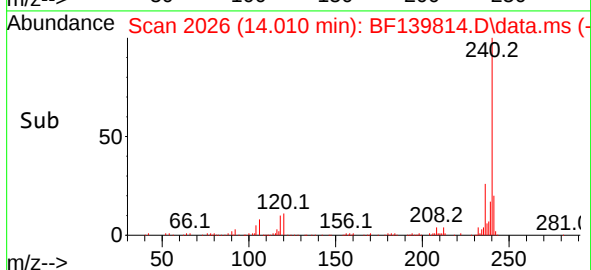
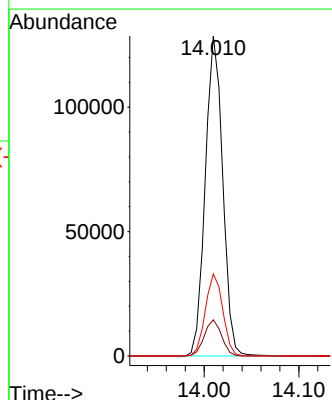
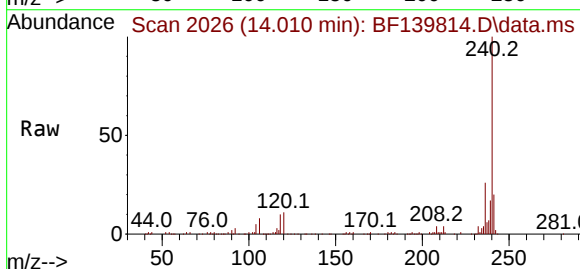
Tgt Ion:240 Resp: 164626

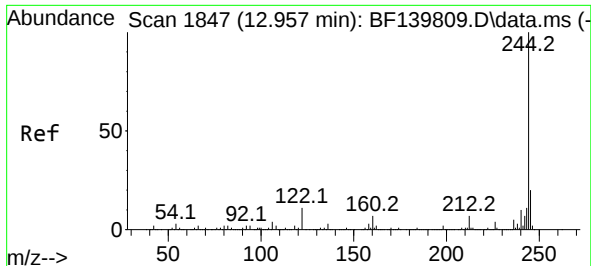
Ion Ratio Lower Upper

240 100

120 11.3 8.6 12.8

236 25.6 20.0 30.0

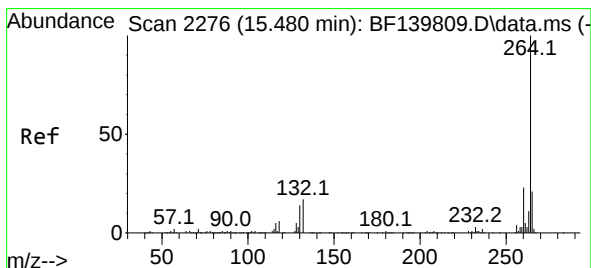
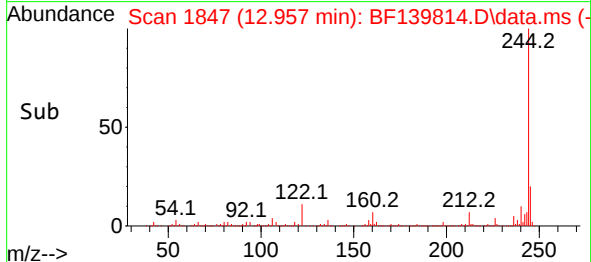
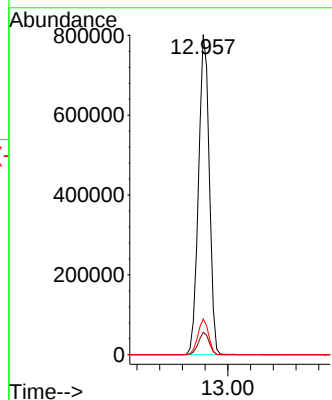
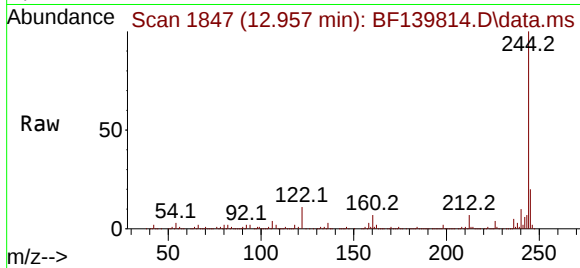




#79
 Terphenyl-d14
 Concen: 153.127 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139814.D
 Acq: 15 Oct 2024 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB164157BL

Tgt Ion:244 Resp: 1058428
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.1 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: BF139814.D
 Acq: 15 Oct 2024 16:07

Tgt Ion:264 Resp: 162439
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 22.4 17.2 25.8

