

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139713.D
 Acq On : 09 Oct 2024 10:42
 Operator : RC/JU
 Sample : PB163970BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163970BL

Quant Time: Oct 09 12:47:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	102789	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	386511	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	223930	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	439622	20.000	ng	0.00
76) Chrysene-d12	14.027	240	276476	20.000	ng	0.00
86) Perylene-d12	15.498	264	212622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	704667	118.822	ng	0.01
7) Phenol-d6	6.498	99	928095	116.373	ng	0.00
23) Nitrobenzene-d5	7.428	82	606965	79.508	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	248776	115.085	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1127965	77.329	ng	0.00
79) Terphenyl-d14	12.974	244	1329142	78.882	ng	0.00

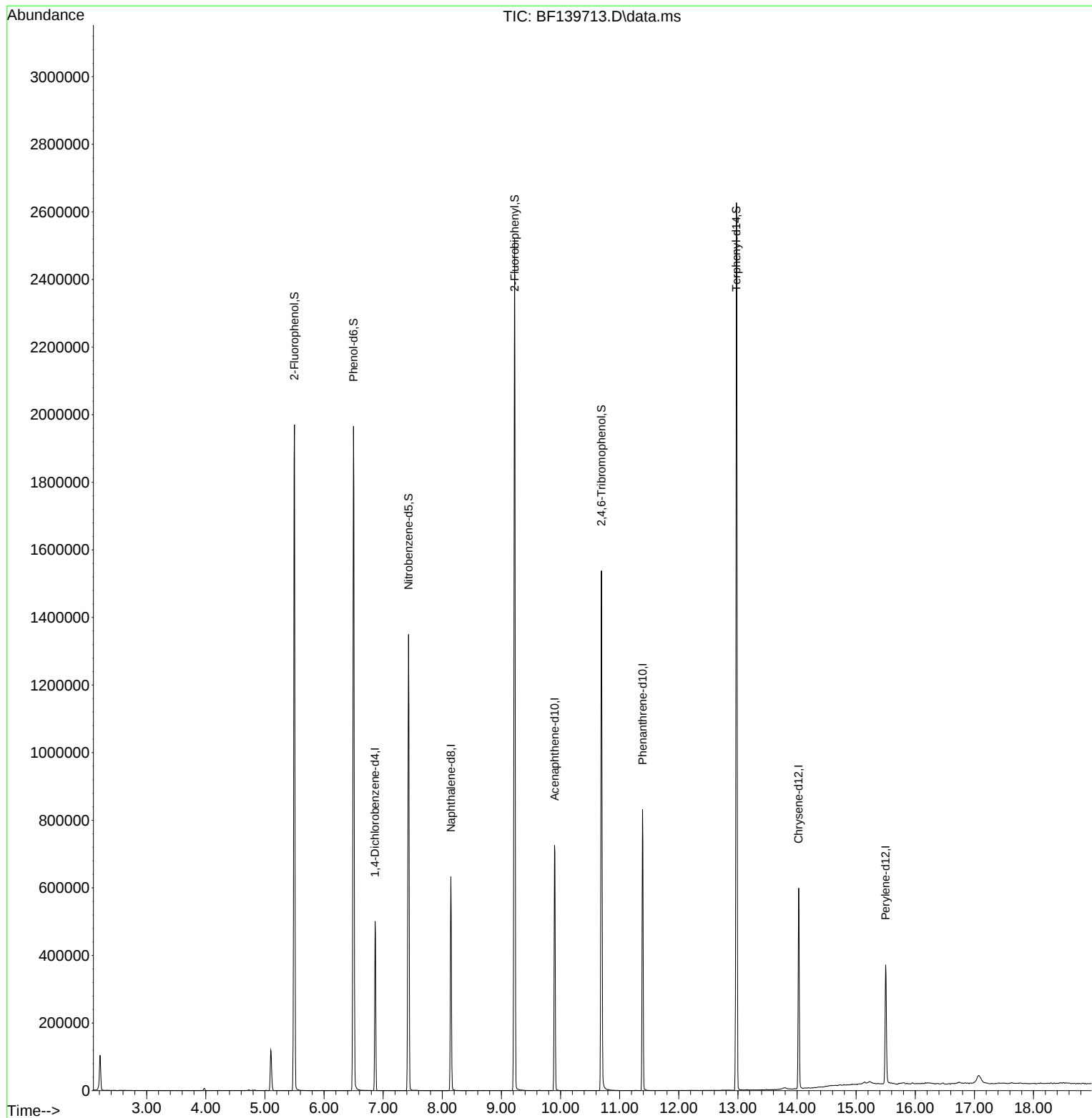
Target Compounds	Qvalue

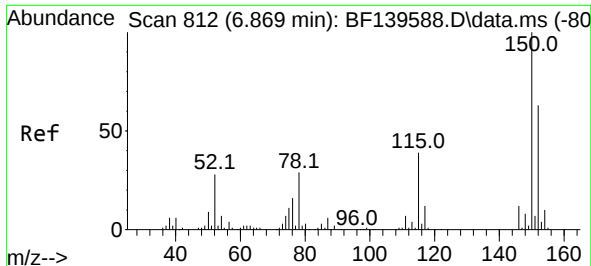
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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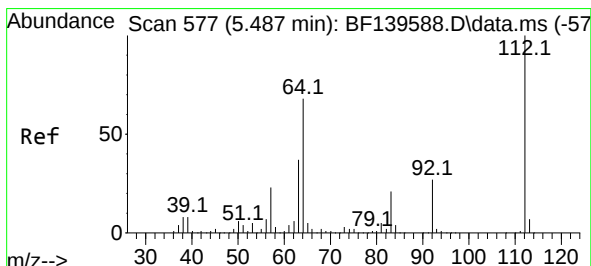
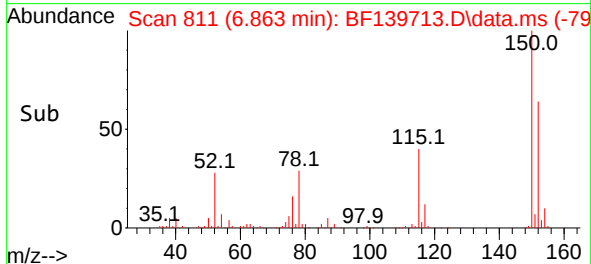
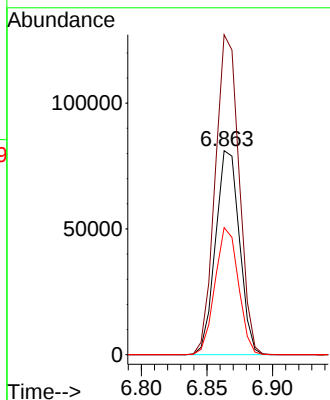
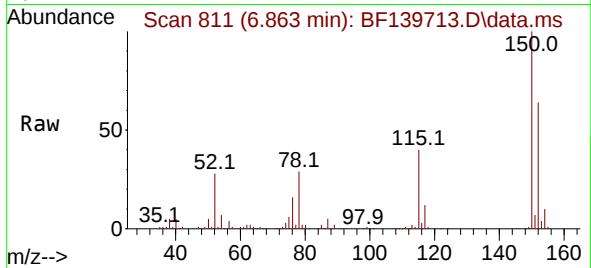




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

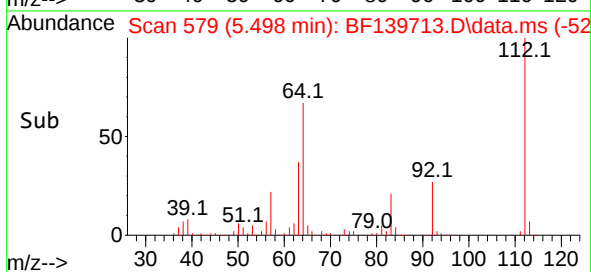
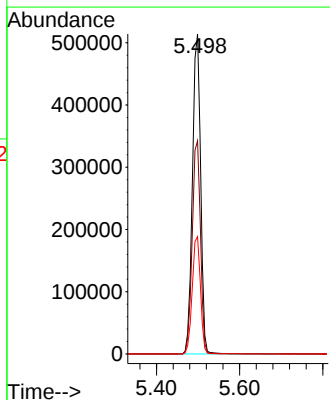
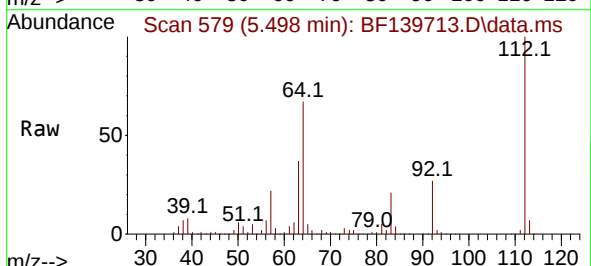
Instrument :
BNA_F
ClientSampleId :
PB163970BL

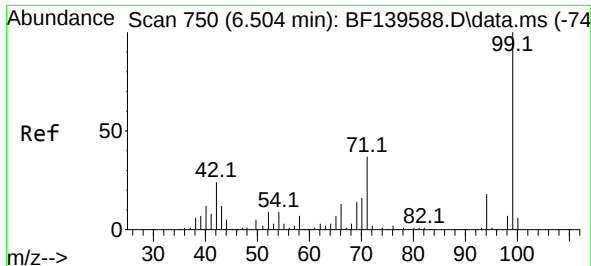
Tgt Ion:152 Resp: 102789
Ion Ratio Lower Upper
152 100
150 156.8 127.2 190.8
115 62.2 49.0 73.4



#5
2-Fluorophenol
Concen: 118.822 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

Tgt Ion:112 Resp: 704667
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.4
63 36.7 29.4 44.2

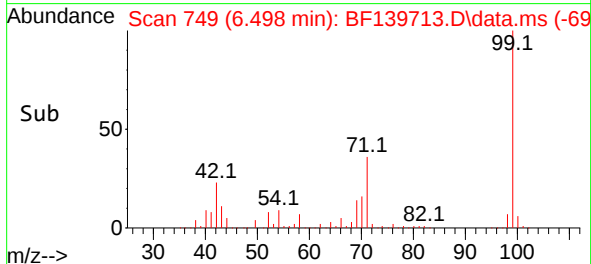
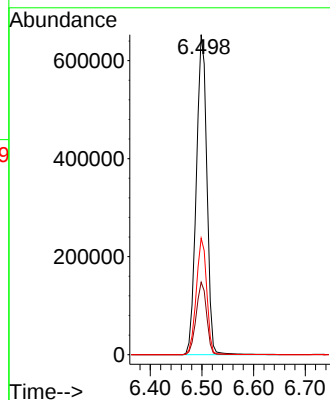
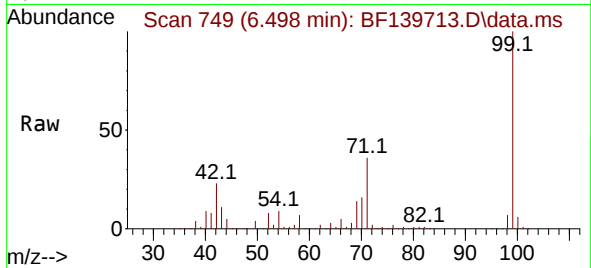




#7
Phenol-d6
Concen: 116.373 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

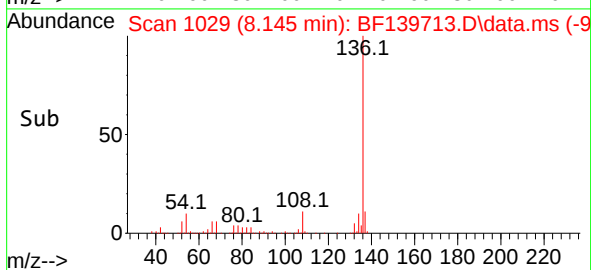
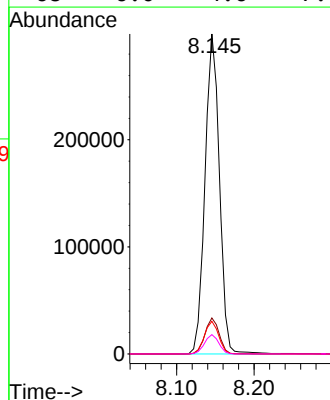
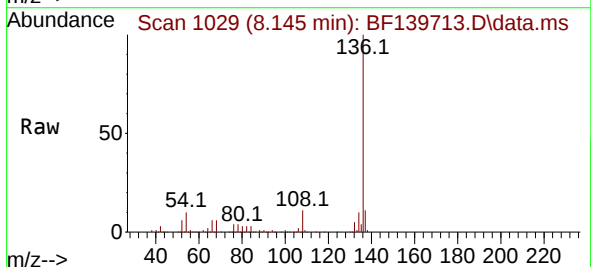
Instrument :
BNA_F
ClientSampleId :
PB163970BL

Tgt Ion: 99 Resp: 928095
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 36.4 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

Tgt Ion: 136 Resp: 386511
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.2 8.3 12.5
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 79.508 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139713.D

Acq: 09 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163970BL

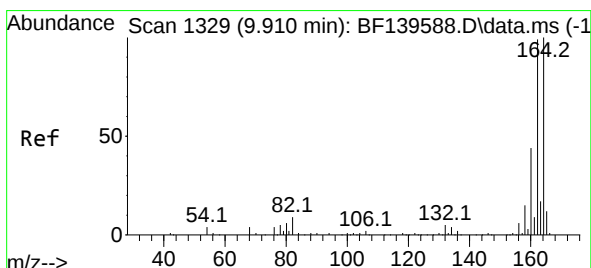
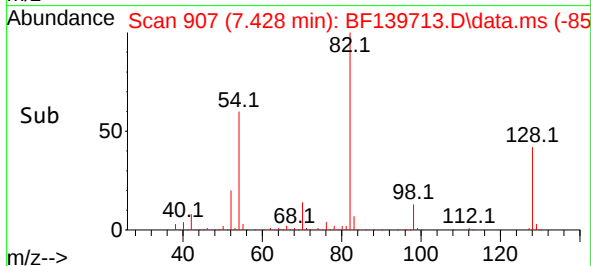
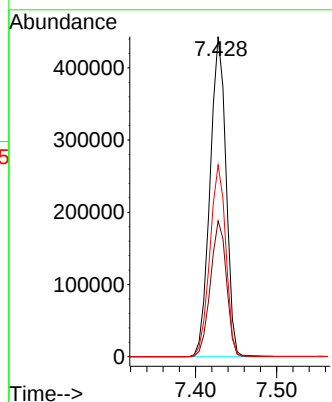
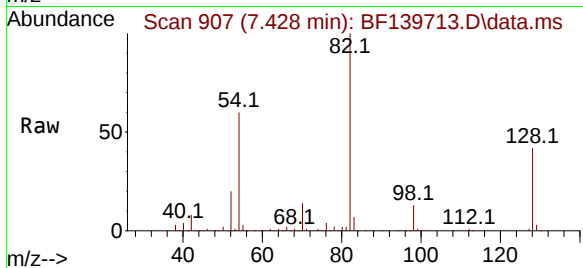
Tgt Ion: 82 Resp: 606965

Ion Ratio Lower Upper

82 100

128 42.4 32.4 48.6

54 59.9 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.012 min

Lab File: BF139713.D

Acq: 09 Oct 2024 10:42

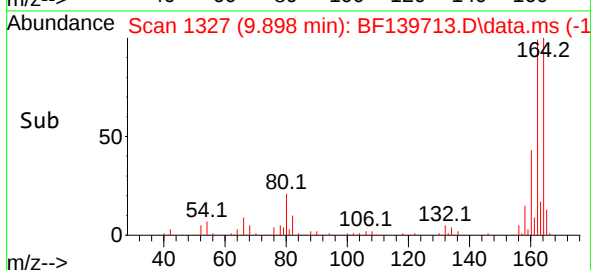
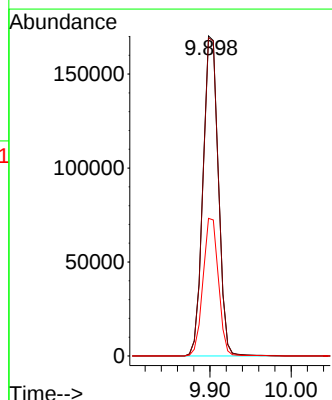
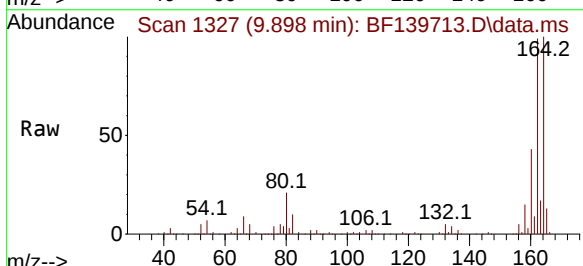
Tgt Ion:164 Resp: 223930

Ion Ratio Lower Upper

164 100

162 99.4 79.4 119.0

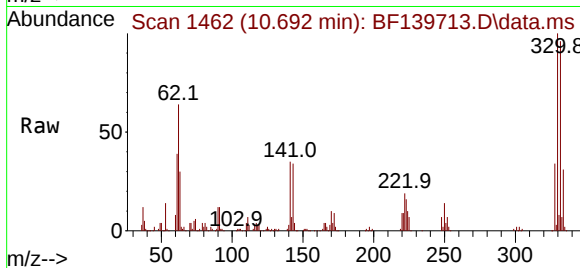
160 43.0 35.1 52.7



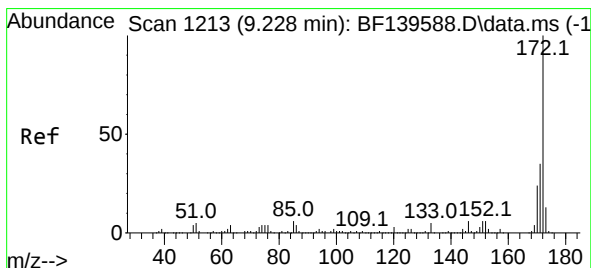
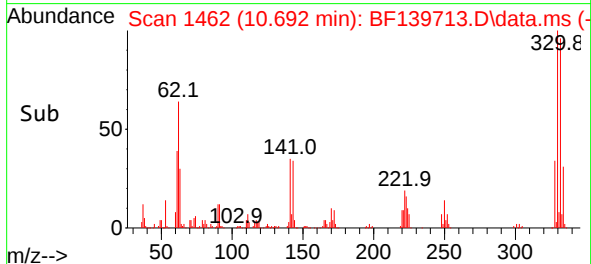
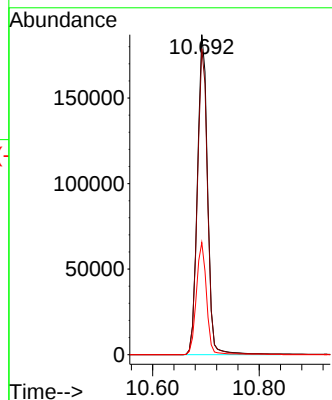


#42
2,4,6-Tribromophenol
Concen: 115.085 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

Instrument :
BNA_F
ClientSampleId :
PB163970BL

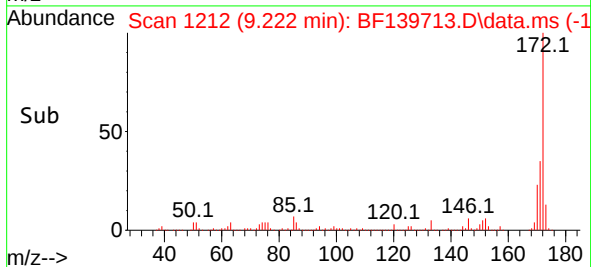
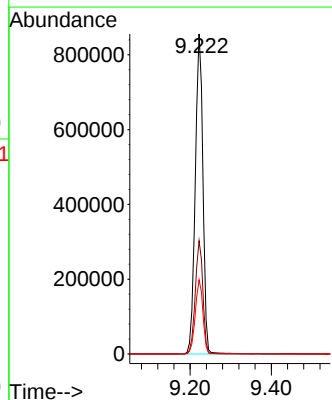
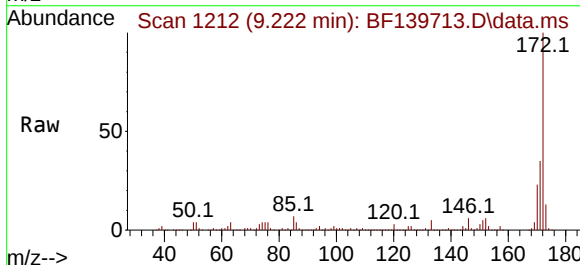


Tgt Ion:330 Resp: 248776
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 35.0 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 77.329 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

Tgt Ion:172 Resp: 1127965
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.2 18.8 28.2

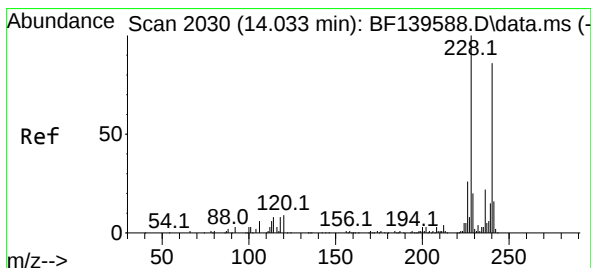
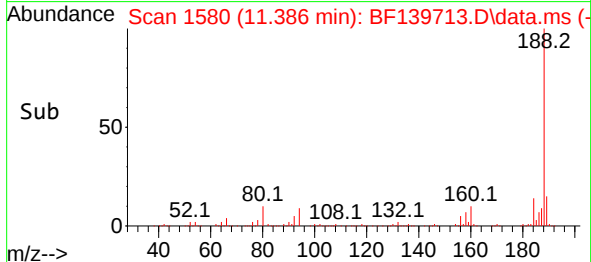
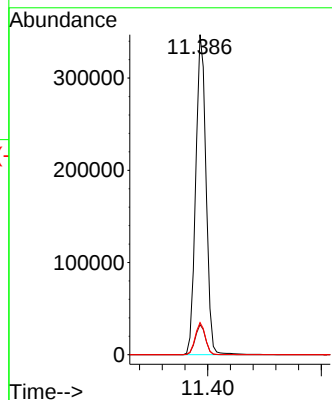
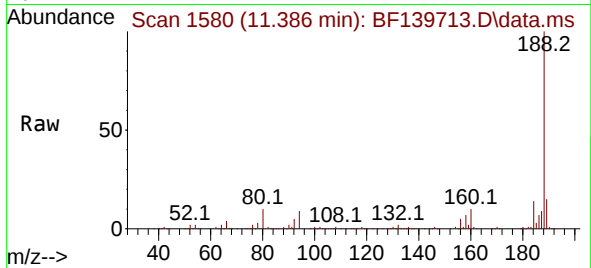




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

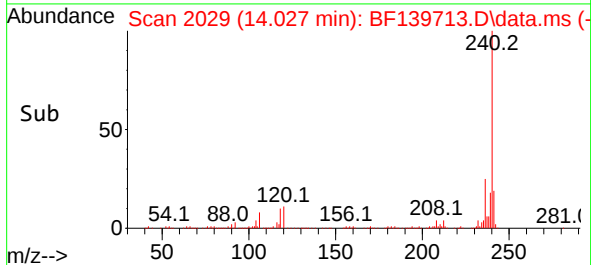
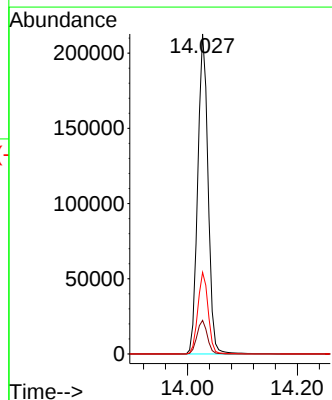
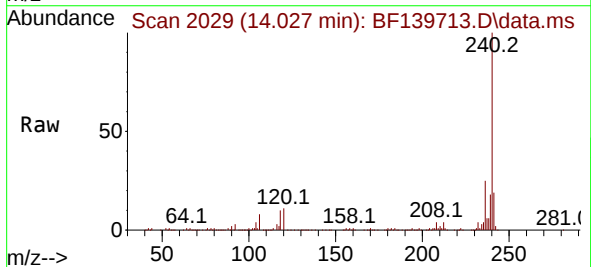
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ClientSampleId :
PB163970BL

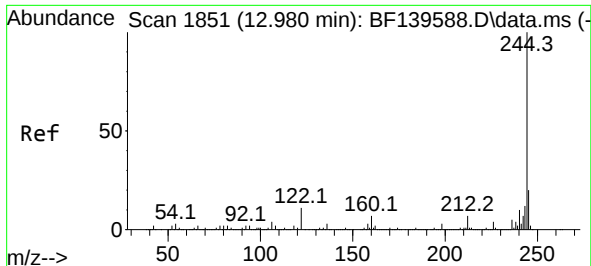
Tgt Ion:188 Resp: 439622
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

Tgt Ion:240 Resp: 276476
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 25.5 20.3 30.5

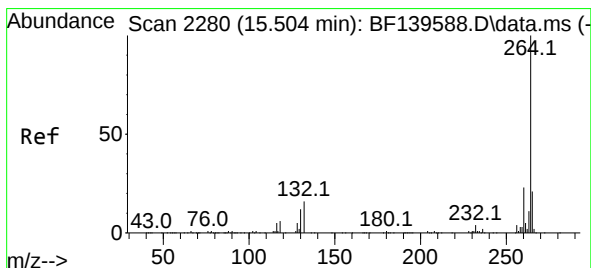
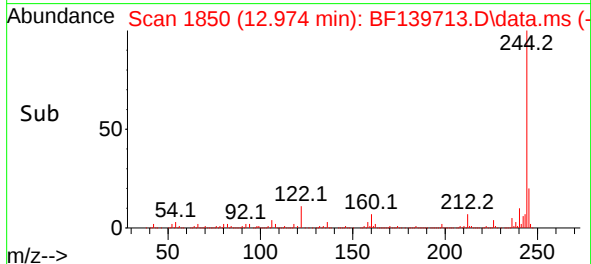
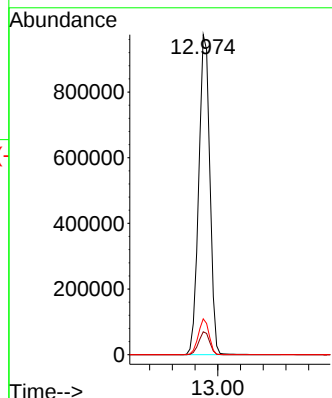
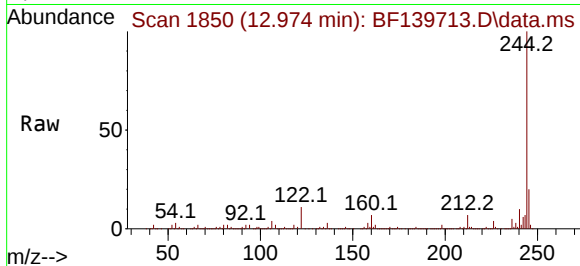




#79
 Terphenyl-d14
 Concen: 78.882 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139713.D
 Acq: 09 Oct 2024 10:42

Instrument :
 BNA_F
 ClientSampleId :
 PB163970BL

Tgt Ion:244 Resp: 1329142
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF139713.D
 Acq: 09 Oct 2024 10:42

Tgt Ion:264 Resp: 212622
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 20.8 16.9 25.3

