

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139607.D
Acq On : 02 Oct 2024 15:29
Operator : RC/JU
Sample : P4209-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Quant Time: Oct 02 16:07:52 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	94995	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	357908	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	195729	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	366035	20.000	ng	0.00
76) Chrysene-d12	14.027	240	205825	20.000	ng	0.00
86) Perylene-d12	15.492	264	182466	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	385845	70.400	ng	0.00
7) Phenol-d6	6.487	99	335117	45.468	ng	-0.02
23) Nitrobenzene-d5	7.428	82	653281	92.414	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	261568	138.436	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1116815	87.596	ng	0.00
79) Terphenyl-d14	12.975	244	1256018	100.129	ng	0.00

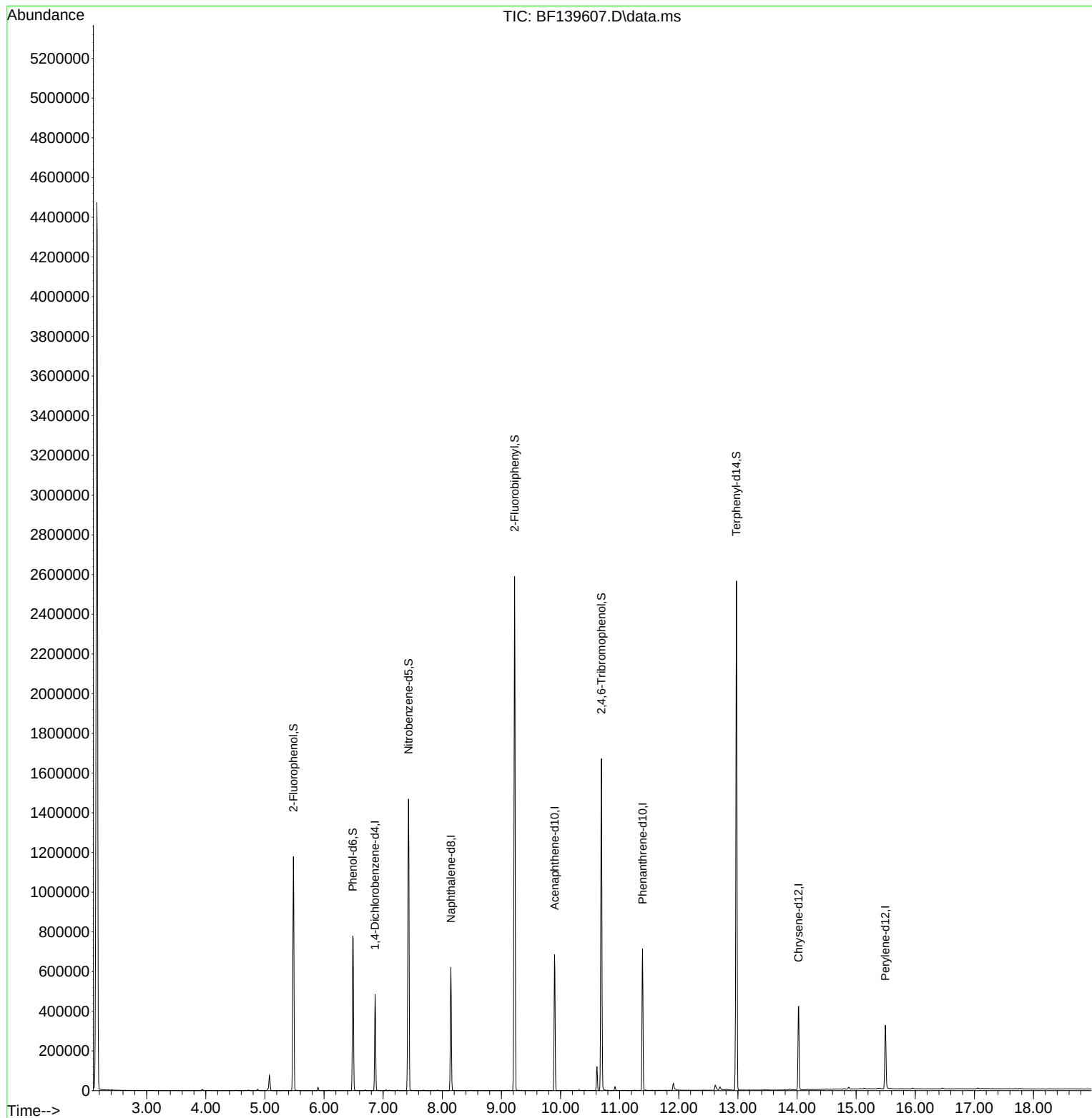
Target Compounds	Qvalue

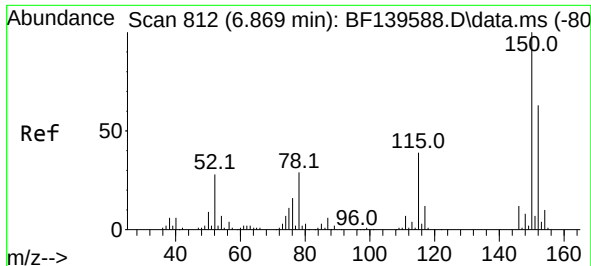
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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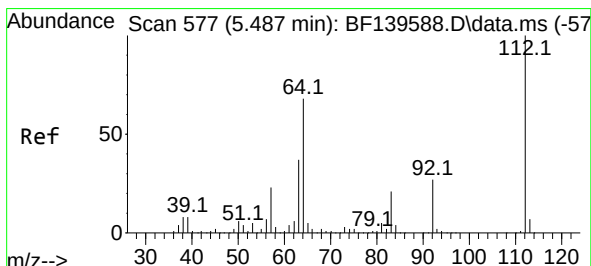
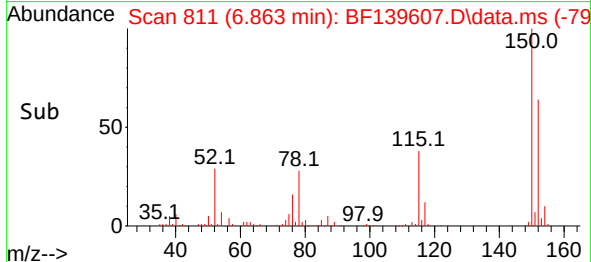
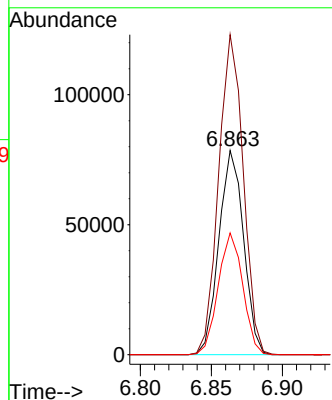
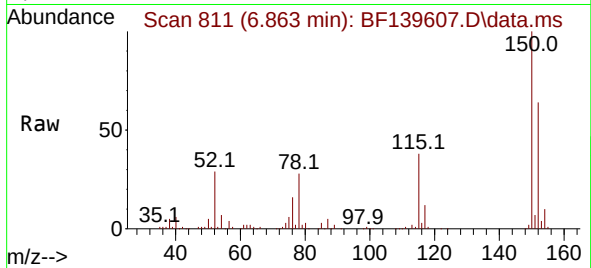




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

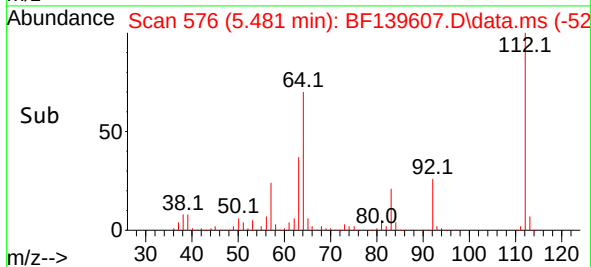
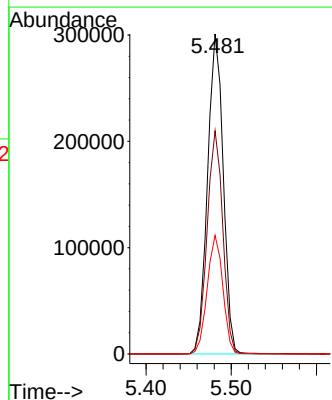
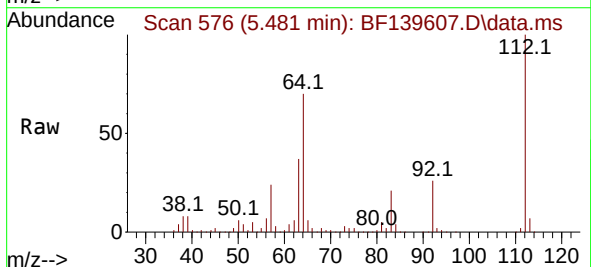
Instrument :
BNA_F
ClientSampleId :
DRUM-2

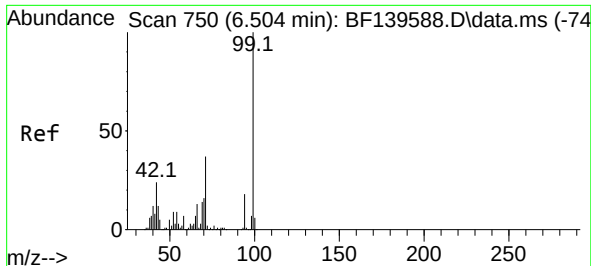
Tgt Ion:152 Resp: 94995
Ion Ratio Lower Upper
152 100
150 156.8 127.2 190.8
115 59.6 49.0 73.4



#5
2-Fluorophenol
Concen: 70.400 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Tgt Ion:112 Resp: 385845
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.4
63 37.1 29.4 44.2

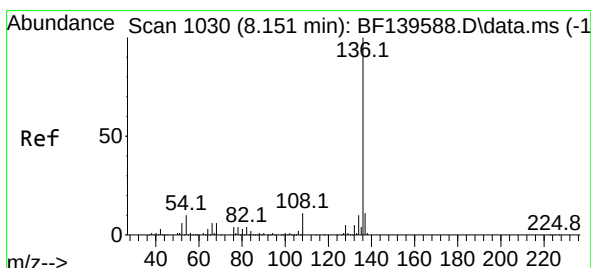
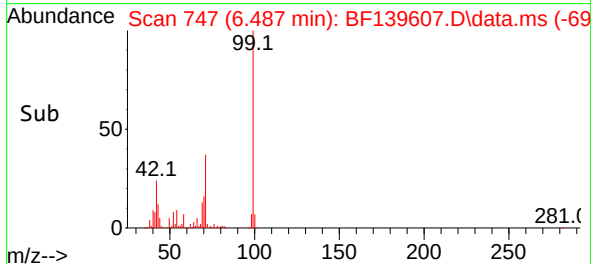
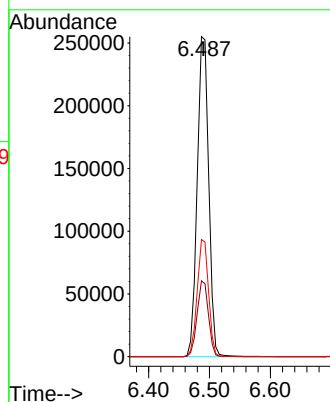
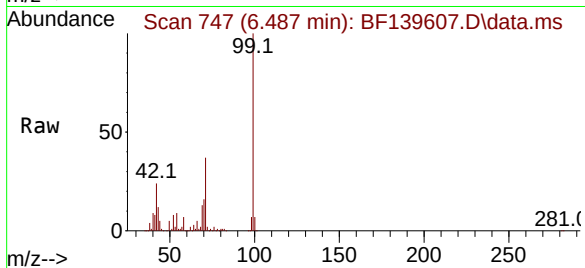




#7
Phenol-d6
Concen: 45.468 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

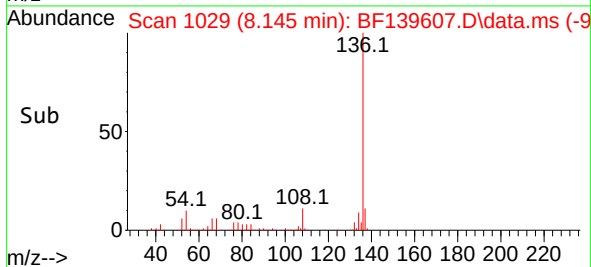
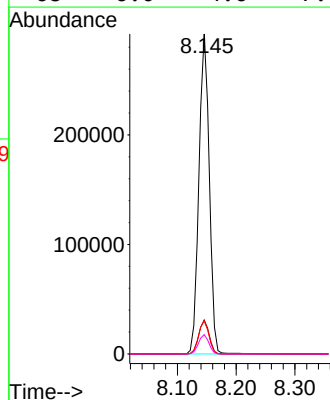
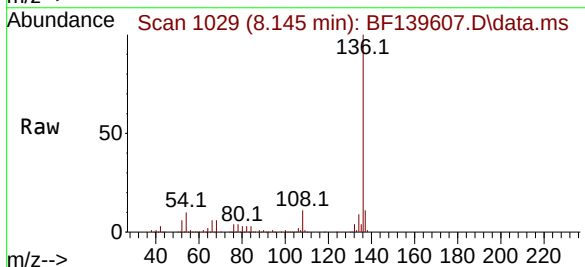
Instrument :
BNA_F
ClientSampleId :
DRUM-2

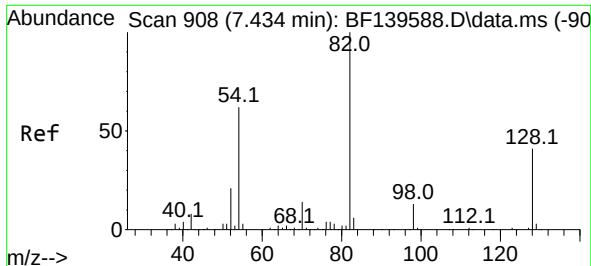
Tgt Ion: 99 Resp: 335117
Ion Ratio Lower Upper
99 100
42 23.7 19.1 28.7
71 36.6 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Tgt Ion:136 Resp: 357908
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.3 8.3 12.5
68 6.0 4.6 7.0

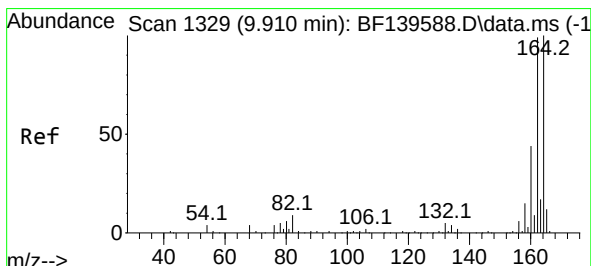
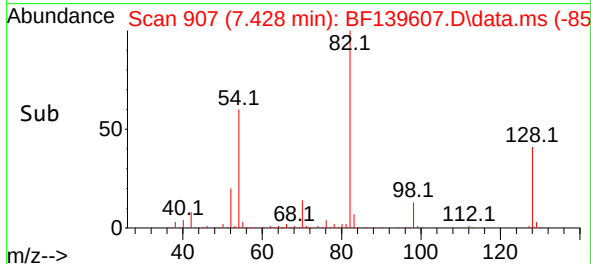
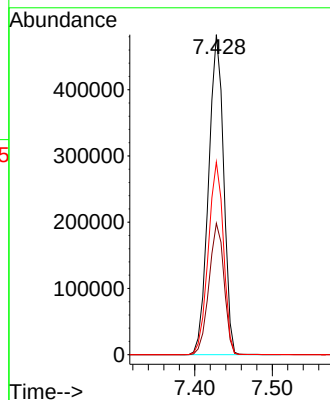
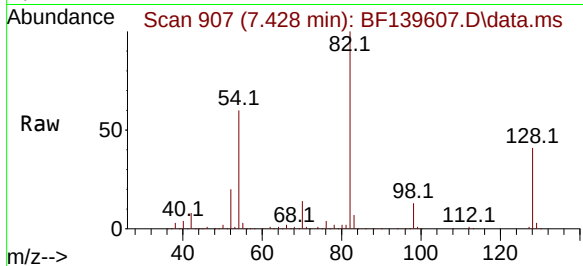




#23
Nitrobenzene-d5
Concen: 92.414 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

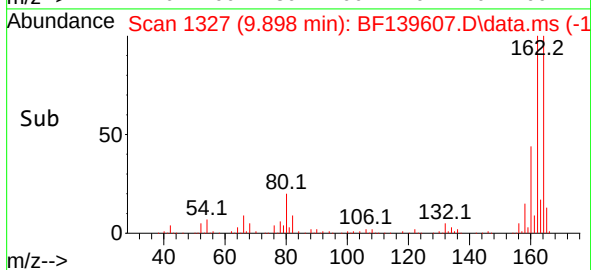
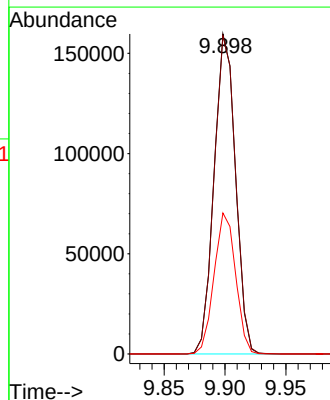
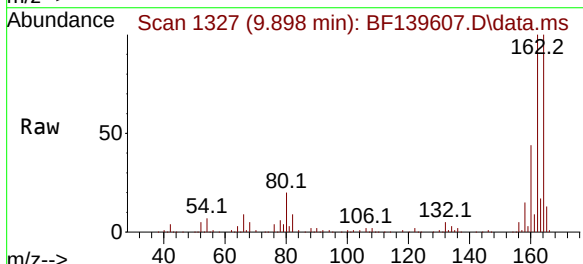
Instrument :
BNA_F
ClientSampleId :
DRUM-2

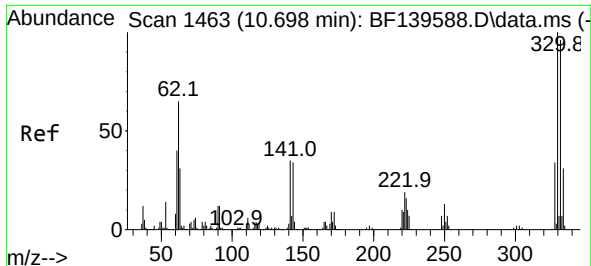
Tgt Ion: 82 Resp: 653281
Ion Ratio Lower Upper
82 100
128 41.1 32.4 48.6
54 60.2 49.1 73.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

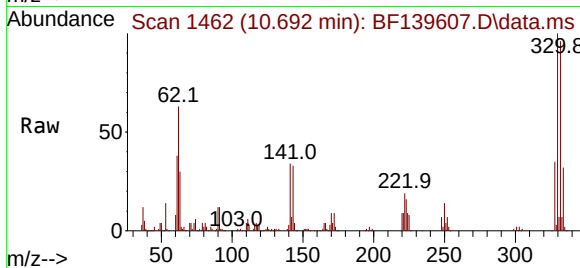
Tgt Ion:164 Resp: 195729
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 44.0 35.1 52.7



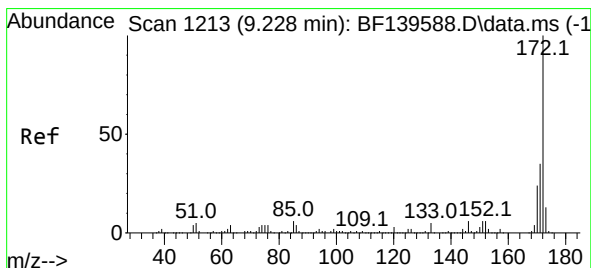
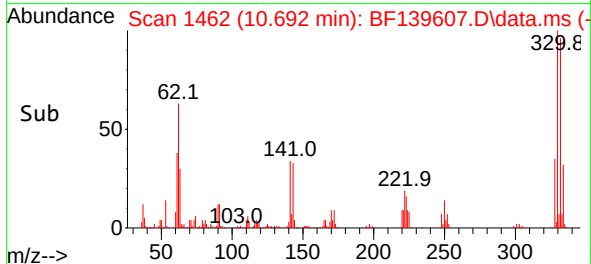
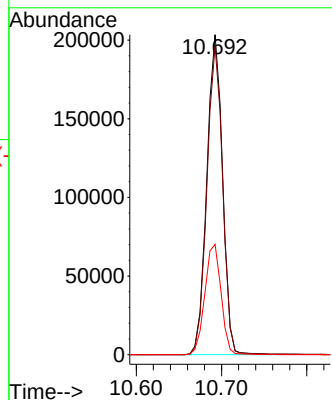


#42
2,4,6-Tribromophenol
Concen: 138.436 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

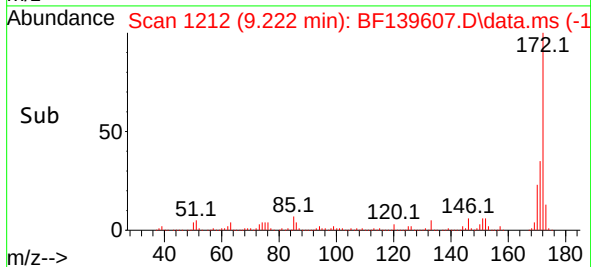
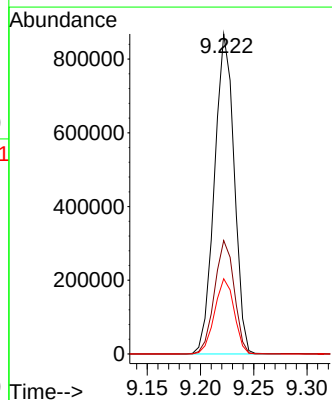
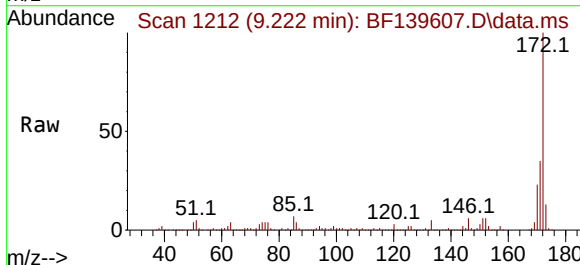


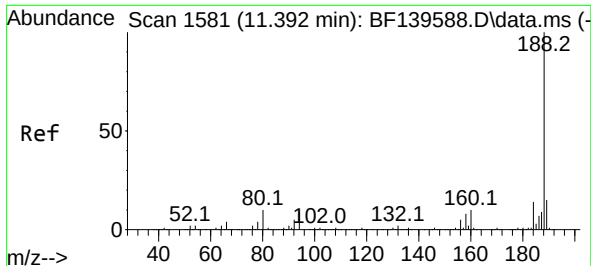
Tgt Ion:330 Resp: 261568
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 35.6 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 87.596 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Tgt Ion:172 Resp: 1116815
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.5 18.8 28.2

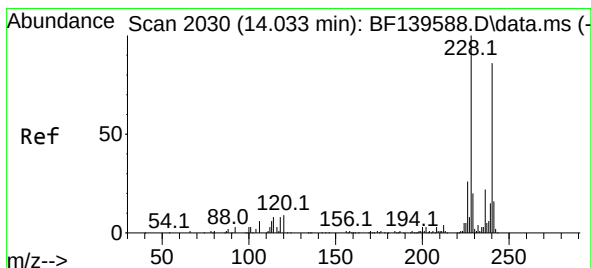
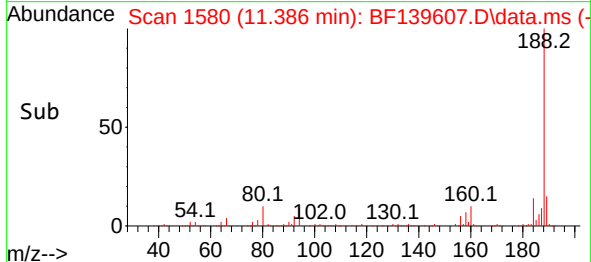
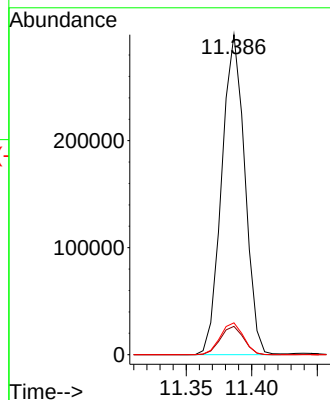
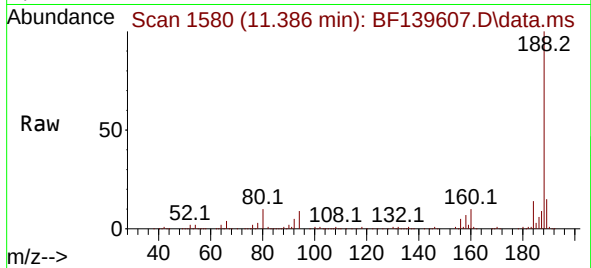




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

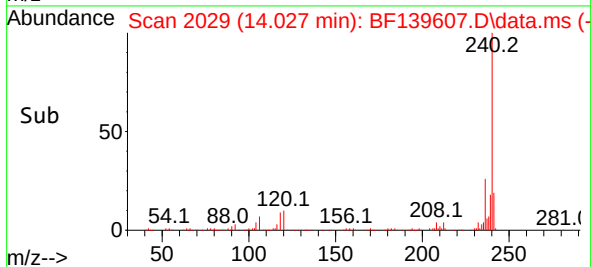
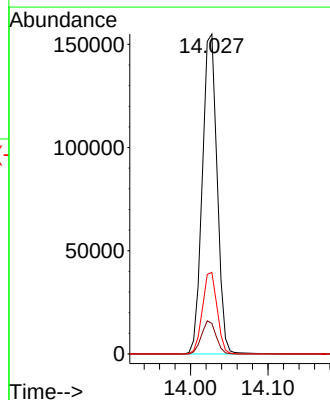
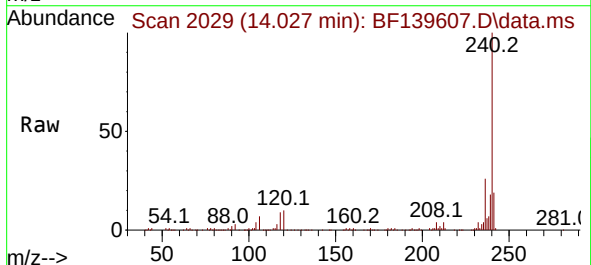
Instrument :
BNA_F
ClientSampleId :
DRUM-2

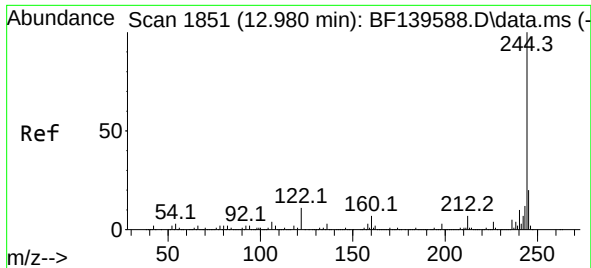
Tgt Ion:188 Resp: 366035
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.9 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Tgt Ion:240 Resp: 205825
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.5 20.3 30.5

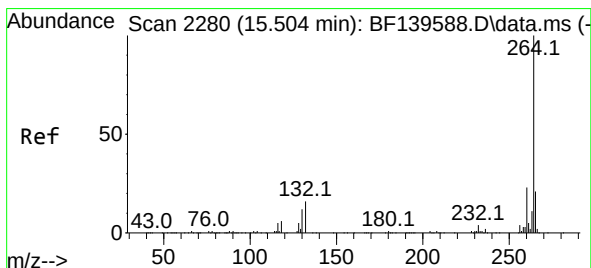
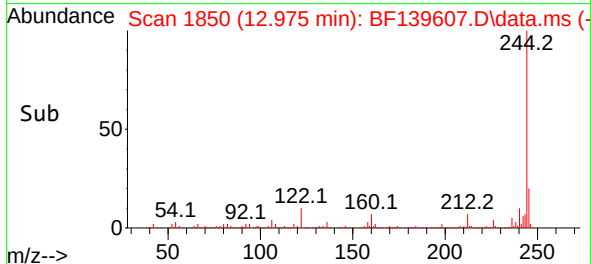
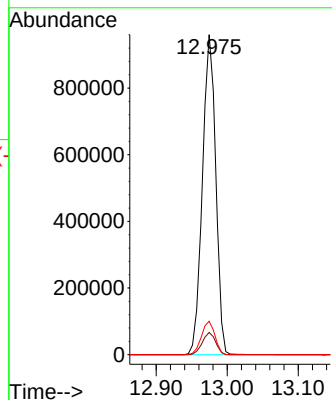
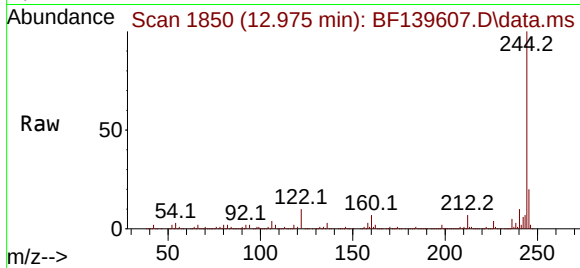




#79
Terphenyl-d14
Concen: 100.129 ng
RT: 12.975 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:244 Resp: 1256018
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 10.5 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BF139607.D
Acq: 02 Oct 2024 15:29

Tgt Ion:264 Resp: 182466
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.5 16.9 25.3

