

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139668.D
 Acq On : 04 Oct 2024 20:16
 Operator : RC/JU
 Sample : P4242-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-Q

Quant Time: Oct 04 22:55:32 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	80545	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	279132	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	129791	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	216846	20.000	ng	0.00
76) Chrysene-d12	14.021	240	171607	20.000	ng	-0.01
86) Perylene-d12	15.492	264	131629	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	469792	101.094	ng	0.00
7) Phenol-d6	6.498	99	590780	94.535	ng	0.00
23) Nitrobenzene-d5	7.428	82	374739	67.972	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	108239	86.389	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	631742	74.723	ng	0.00
79) Terphenyl-d14	12.969	244	589260	56.342	ng	-0.01

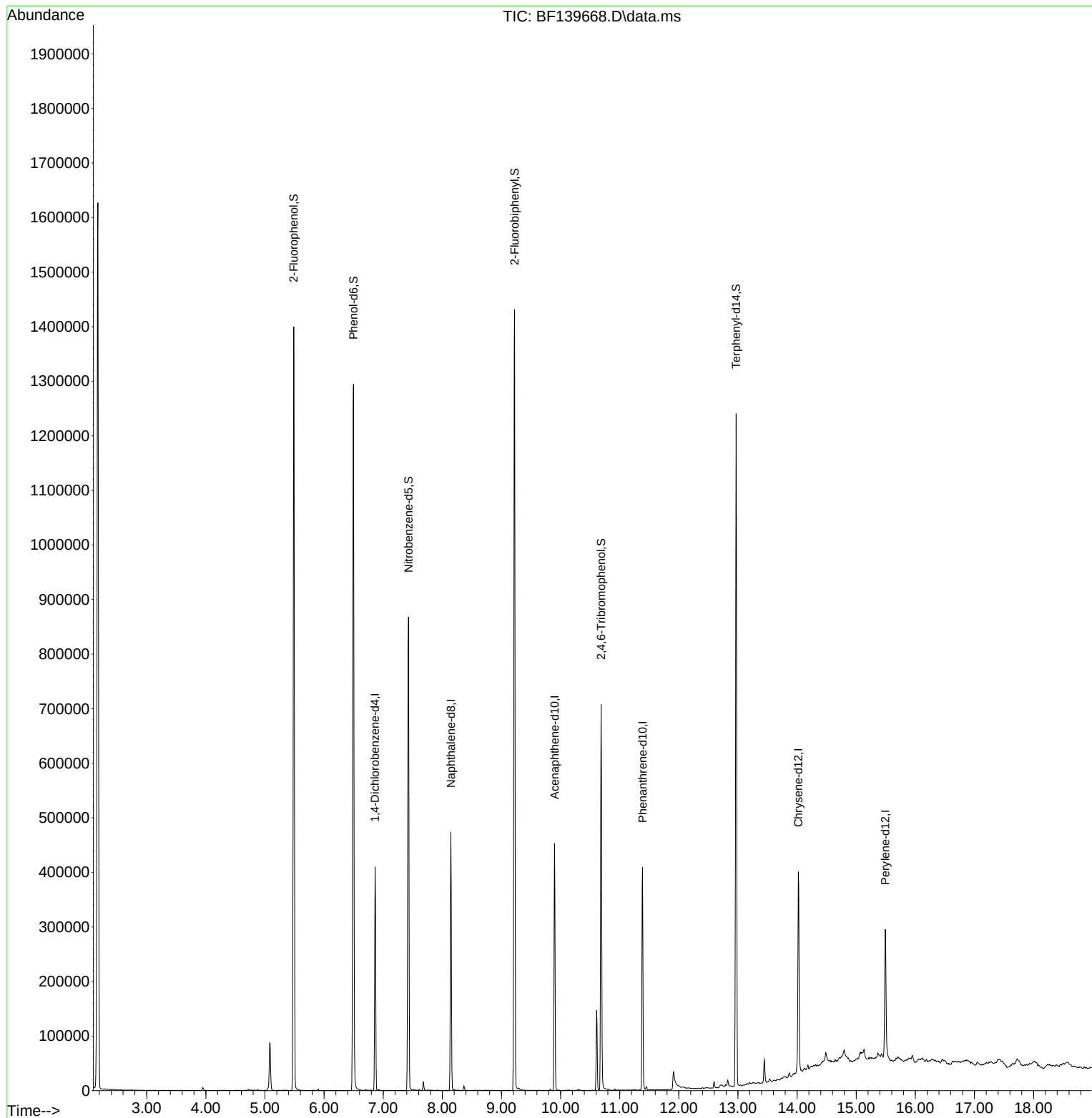
Target Compounds	Qvalue

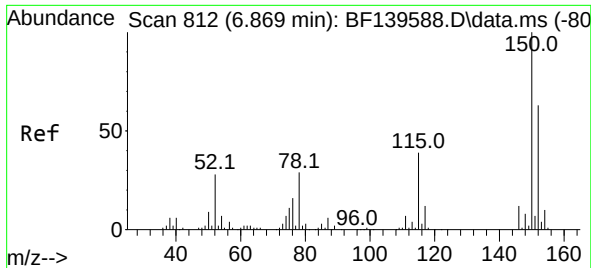
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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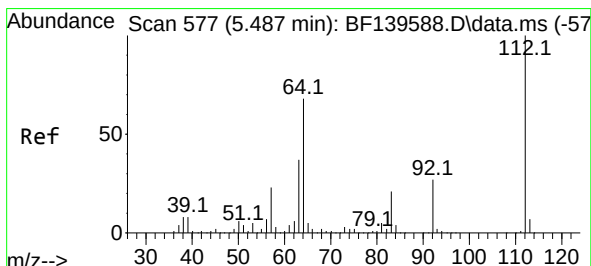
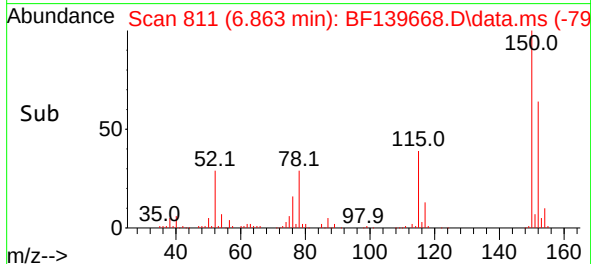
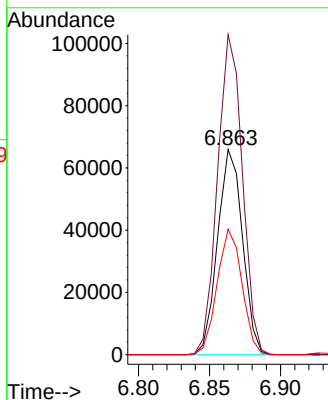
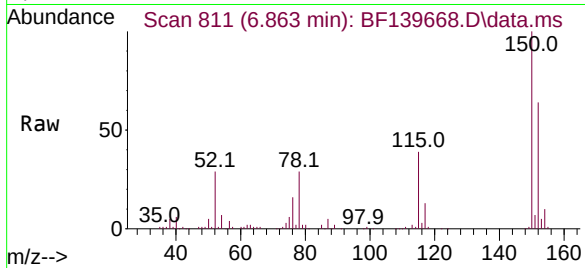




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

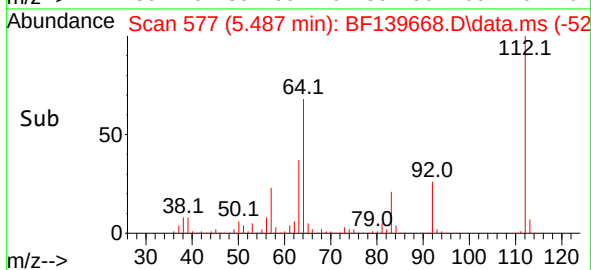
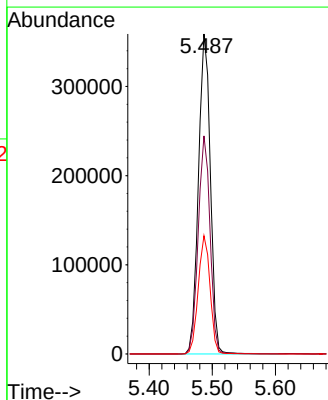
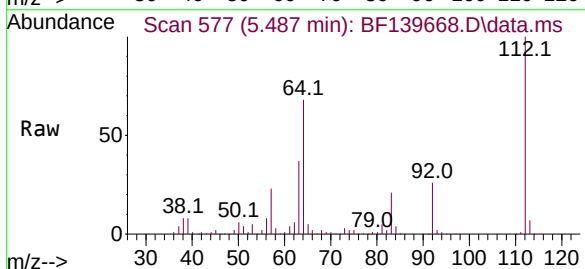
Instrument :
BNA_F
ClientSampleId :
TP-Q

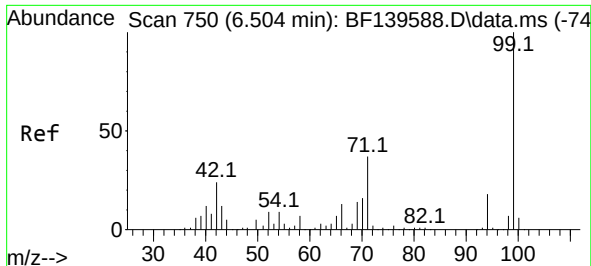
Tgt Ion:152 Resp: 80545
Ion Ratio Lower Upper
152 100
150 155.9 127.2 190.8
115 61.1 49.0 73.4



#5
2-Fluorophenol
Concen: 101.094 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

Tgt Ion:112 Resp: 469792
Ion Ratio Lower Upper
112 100
64 68.2 54.2 81.4
63 37.0 29.4 44.2

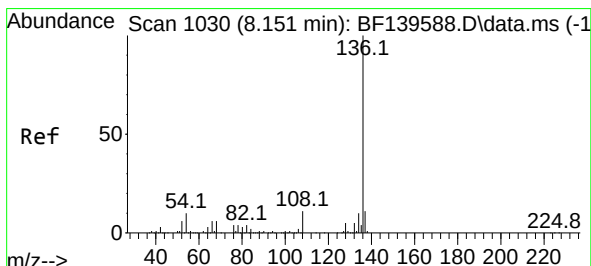
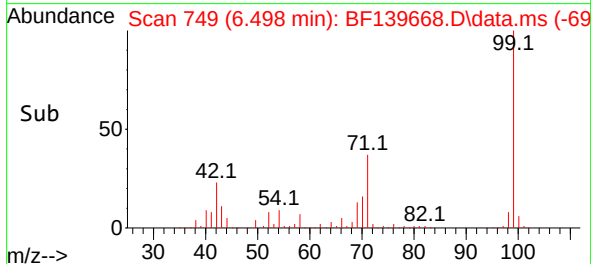
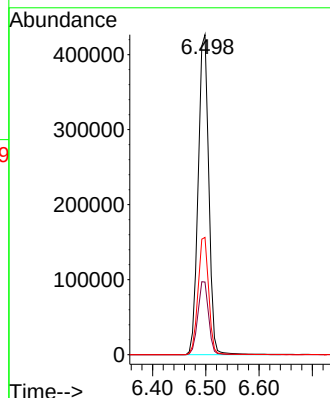
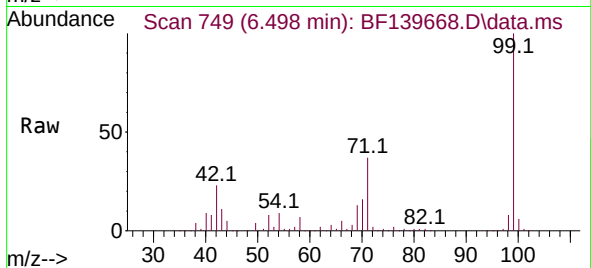




#7
Phenol-d6
Concen: 94.535 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

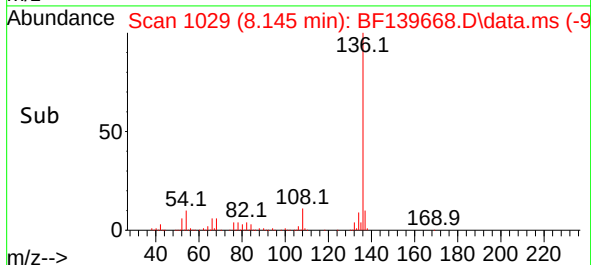
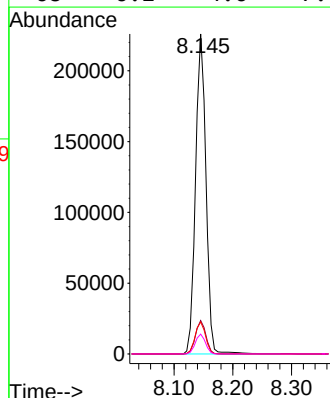
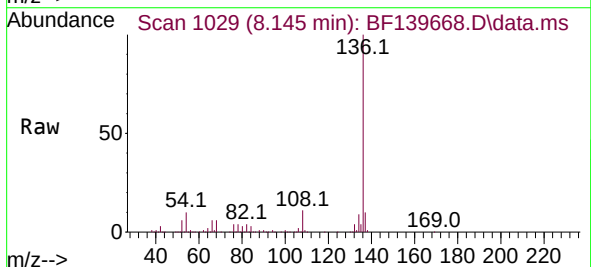
Instrument :
BNA_F
ClientSampleId :
TP-Q

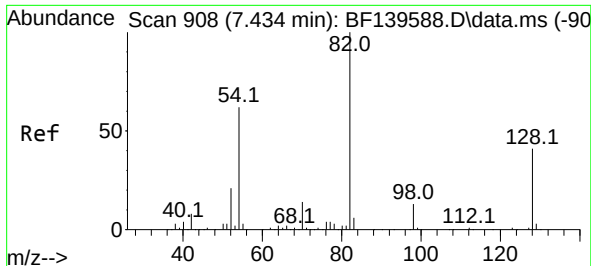
Tgt Ion: 99 Resp: 590780
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 36.6 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

Tgt Ion: 136 Resp: 279132
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.0 8.3 12.5
68 6.2 4.6 7.0

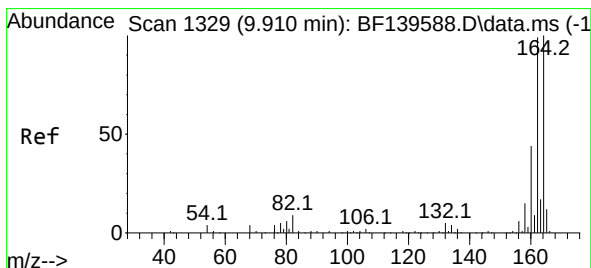
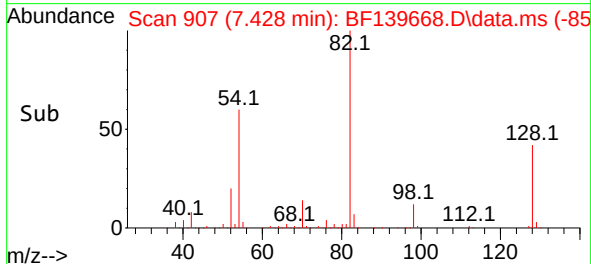
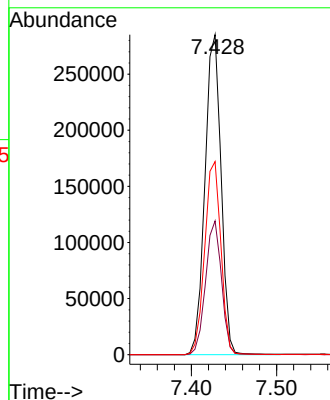
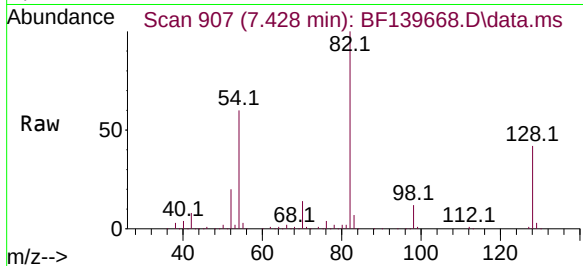




#23
Nitrobenzene-d5
Concen: 67.972 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

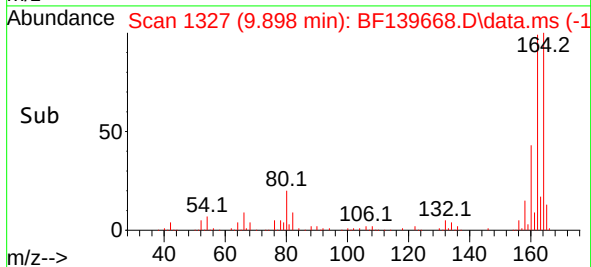
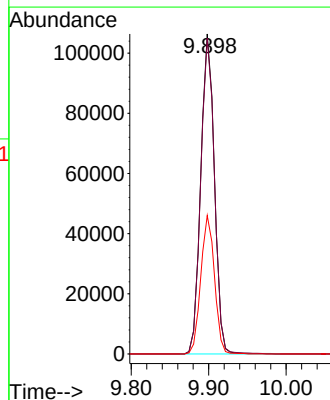
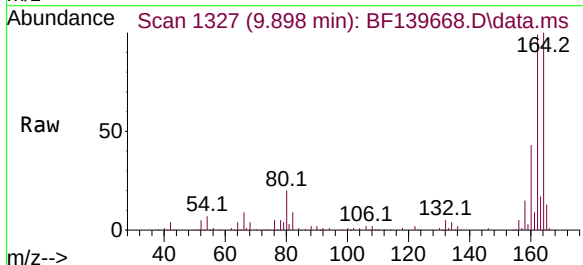
Instrument :
BNA_F
ClientSampleId :
TP-Q

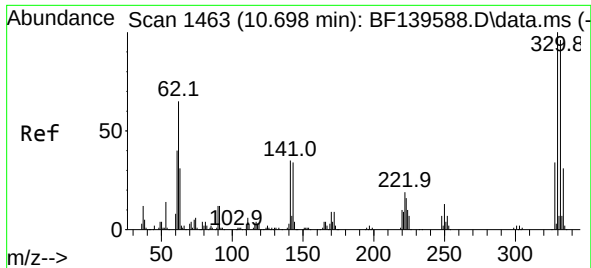
Tgt Ion: 82 Resp: 374739
Ion Ratio Lower Upper
82 100
128 41.8 32.4 48.6
54 60.3 49.1 73.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

Tgt Ion: 164 Resp: 129791
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.0
160 43.3 35.1 52.7

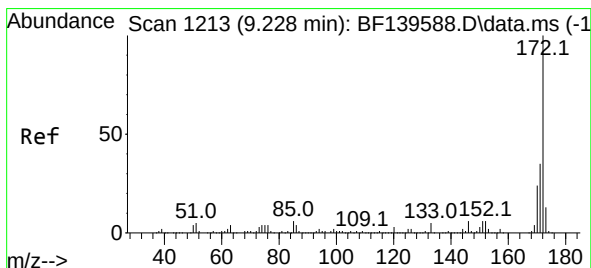
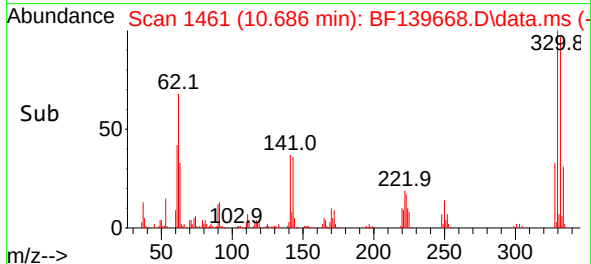
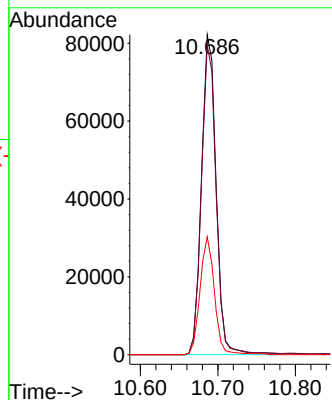
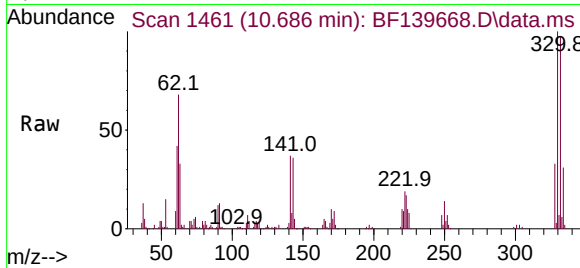




#42
2,4,6-Tribromophenol
Concen: 86.389 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

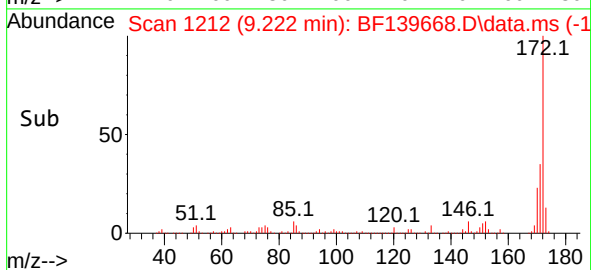
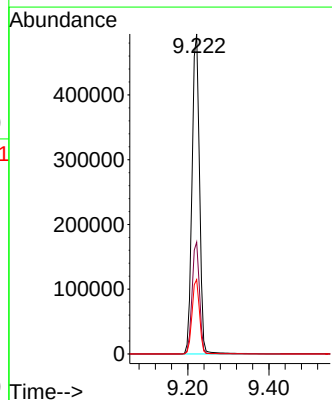
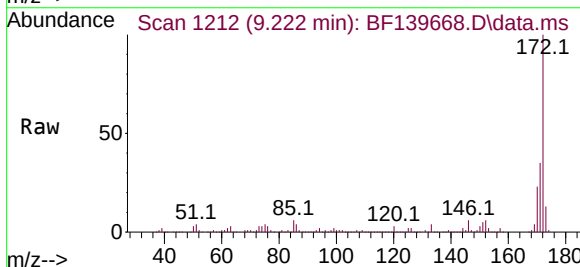
Instrument :
BNA_F
ClientSampleId :
TP-Q

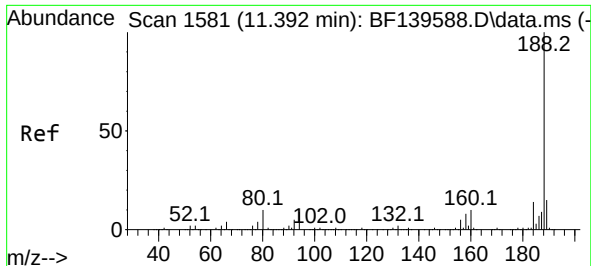
Tgt Ion:330 Resp: 108239
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 36.1 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 74.723 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

Tgt Ion:172 Resp: 631742
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.3 18.8 28.2

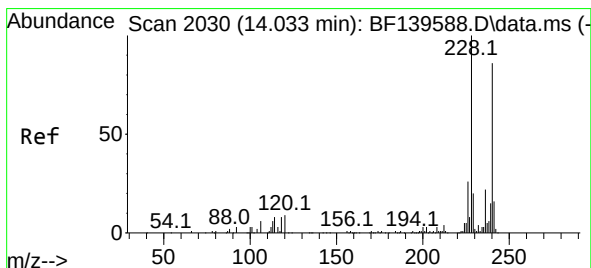
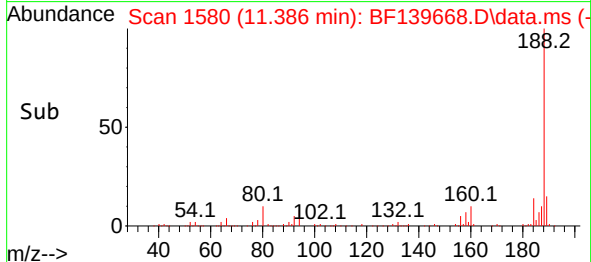
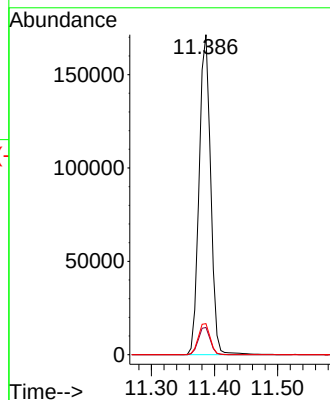
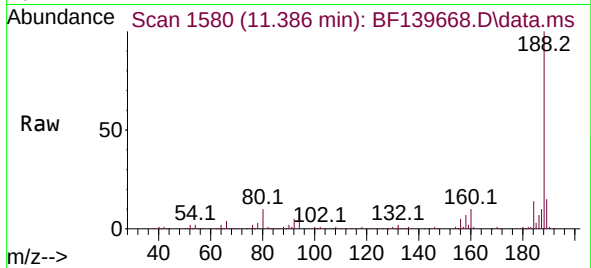




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

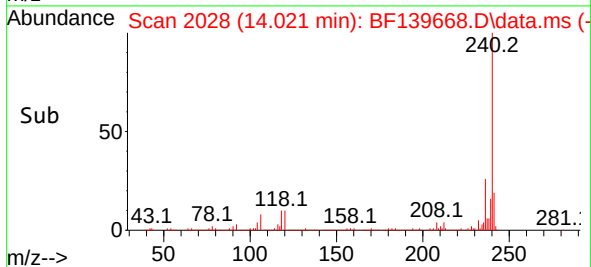
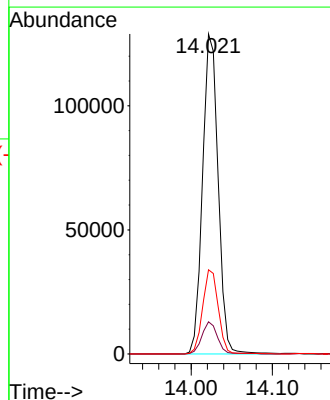
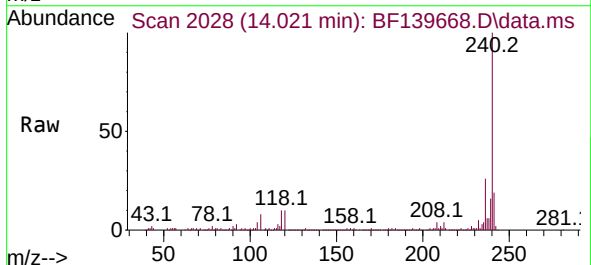
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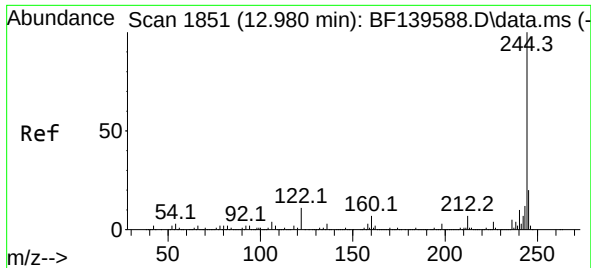
Tgt Ion:188 Resp: 216846
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.7 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139668.D
Acq: 04 Oct 2024 20:16

Tgt Ion:240 Resp: 171607
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 26.3 20.3 30.5

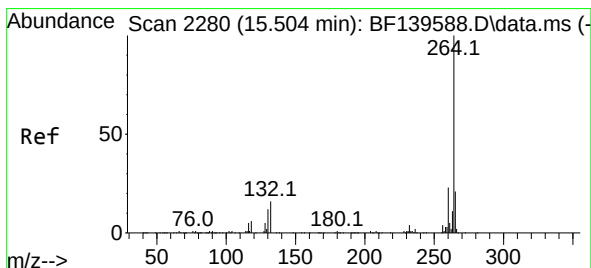
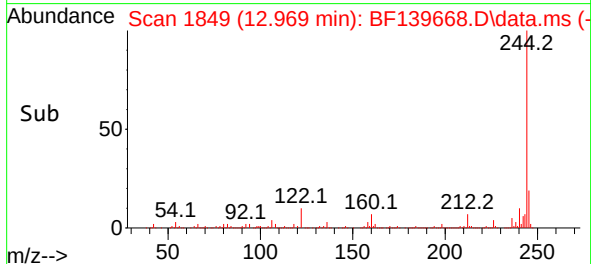
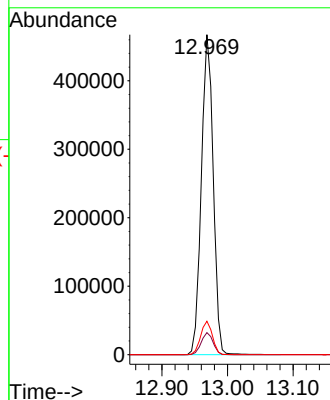
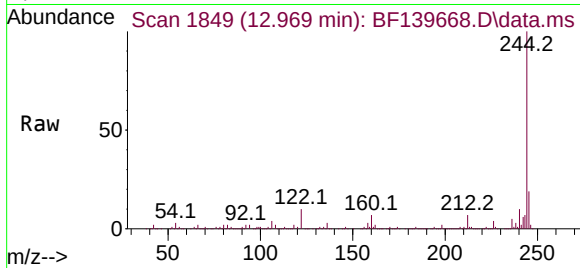




#79
 Terphenyl-d14
 Concen: 56.342 ng
 RT: 12.969 min Scan# 1849
 Delta R.T. -0.011 min
 Lab File: BF139668.D
 Acq: 04 Oct 2024 20:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-Q

Tgt Ion:244 Resp: 589260
 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: BF139668.D
 Acq: 04 Oct 2024 20:16

Tgt Ion:264 Resp: 131629
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.6 16.9 25.3

