

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140579.D
 Acq On : 22 Nov 2024 15:58
 Operator : RC/JU
 Sample : P4860-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-004

Quant Time: Nov 22 16:39:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

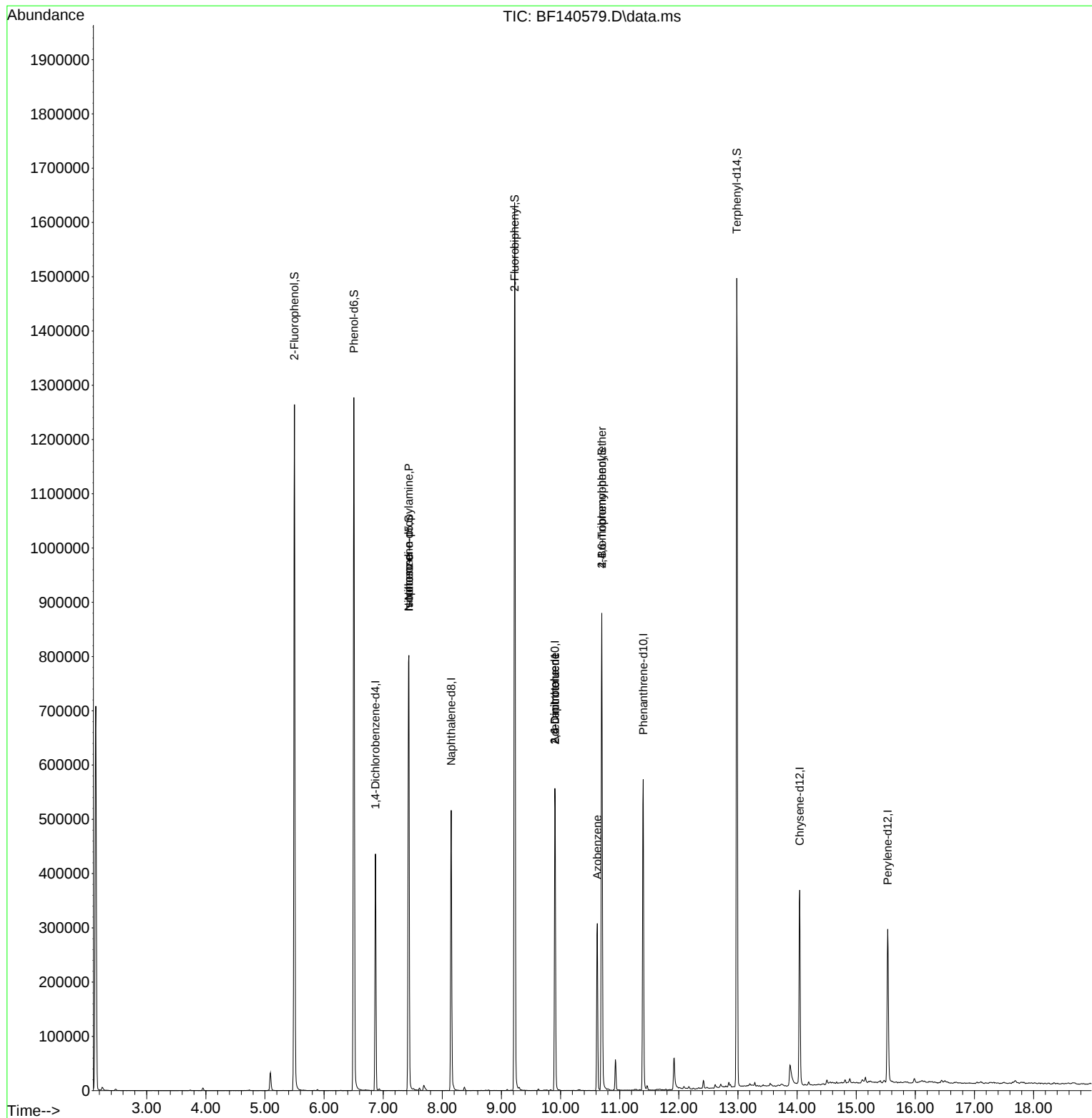
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	90927	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	332795	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	173346	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	323538	20.000	ng	0.00
76) Chrysene-d12	14.045	240	178379	20.000	ng	0.00
86) Perylene-d12	15.533	264	173467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	465203	87.293	ng	0.00
7) Phenol-d6	6.504	99	595143	84.474	ng	-0.01
23) Nitrobenzene-d5	7.433	82	386935	59.472	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	152697	82.363	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	740960	63.687	ng	-0.01
79) Terphenyl-d14	12.980	244	728599	63.602	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	51541	12.378	ng	# 75
25) Isophorone	7.433	82	383167	35.309	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	22538	8.705	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	22538	6.550	ng	# 18
63) Azobenzene	10.621	77	82820	7.540	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	9799	2.941	ng	# 1

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

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Quant Time: Nov 22 16:39:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

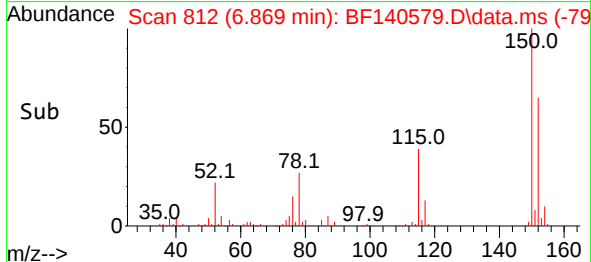
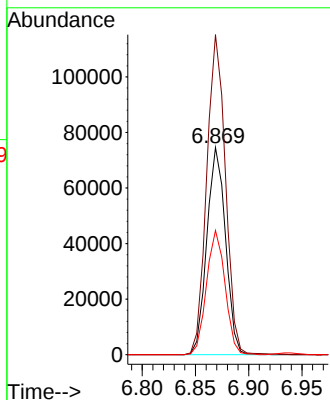
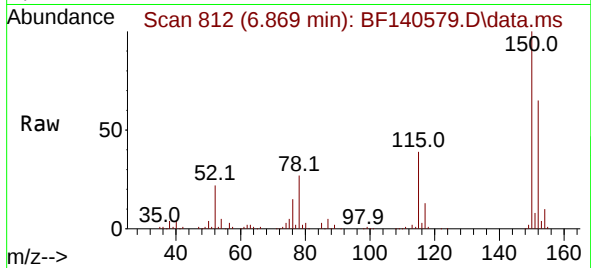




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140579.D
Acq: 22 Nov 2024 15:58

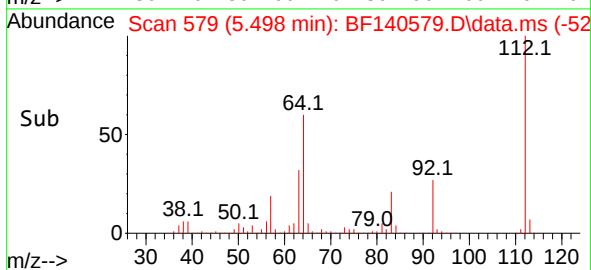
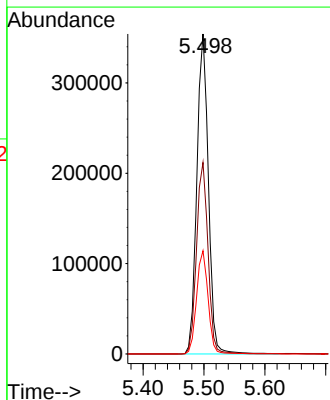
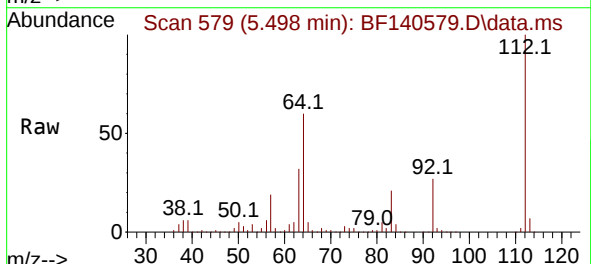
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-004

Tgt Ion:152 Resp: 90927
Ion Ratio Lower Upper
152 100
150 154.4 128.5 192.7
115 59.9 50.2 75.4



#5
2-Fluorophenol
Concen: 87.293 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140579.D
Acq: 22 Nov 2024 15:58

Tgt Ion:112 Resp: 465203
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 32.2 27.0 40.4

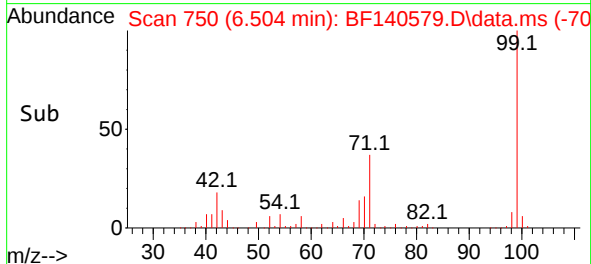
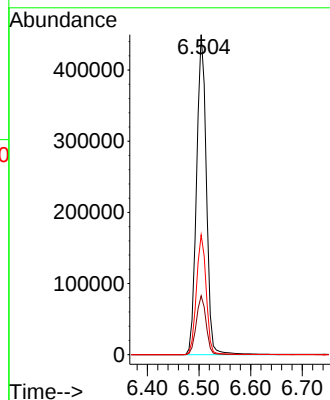
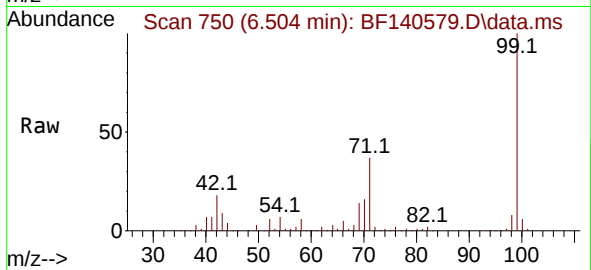




#7
Phenol-d6
Concen: 84.474 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140579.D
Acq: 22 Nov 2024 15:58

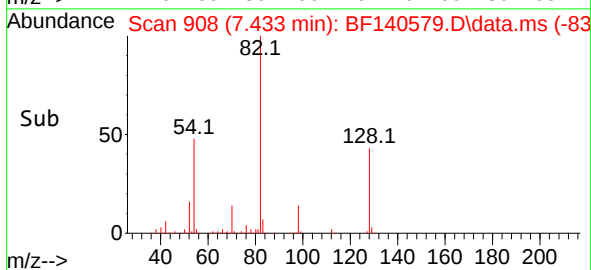
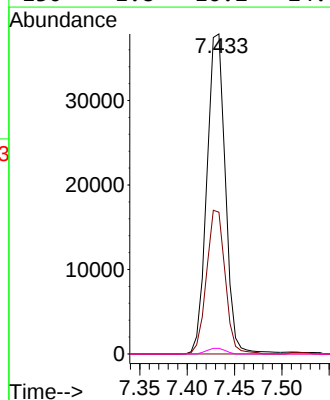
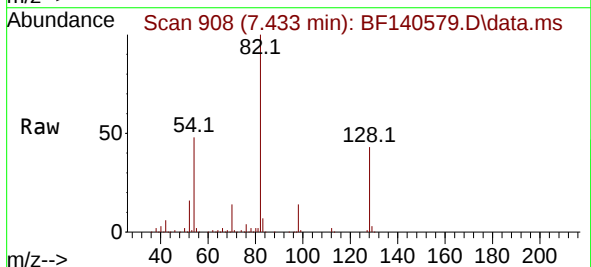
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-004

Tgt Ion: 99 Resp: 595143
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.5 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.378 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140579.D
Acq: 22 Nov 2024 15:58

Tgt Ion: 70 Resp: 51541
Ion Ratio Lower Upper
70 100
42 44.3 47.6 71.4#
101 0.0 7.6 11.4#
130 1.8 16.2 24.4#

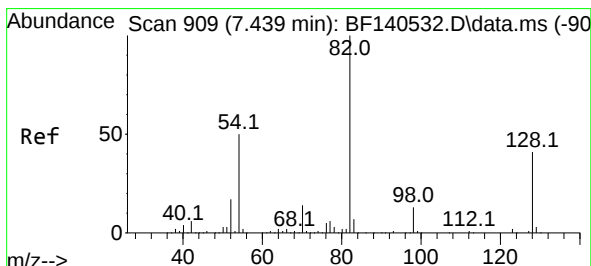
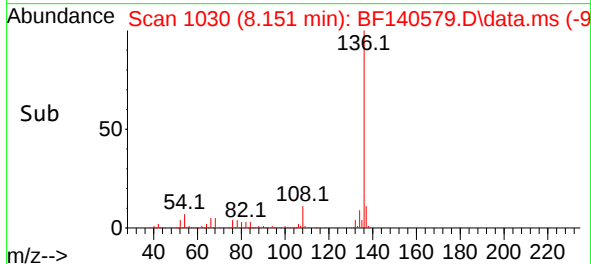
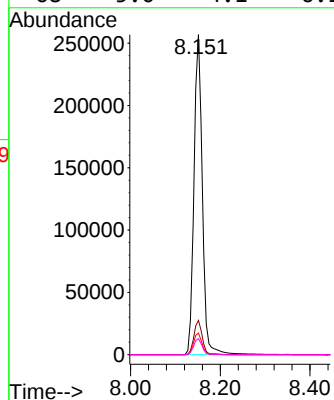
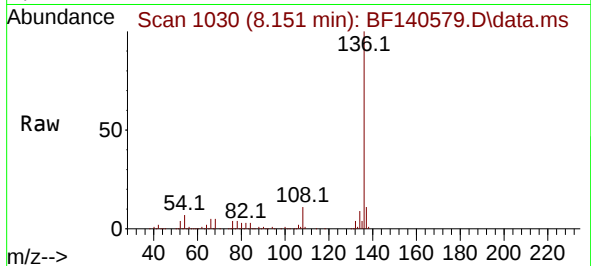




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140579.D
Acq: 22 Nov 2024 15:58

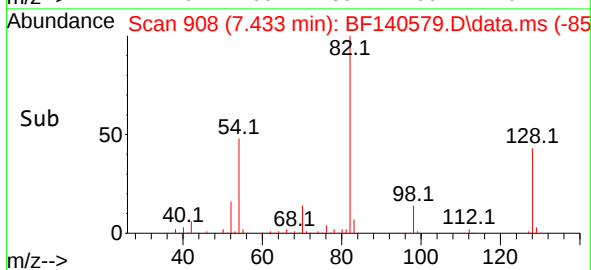
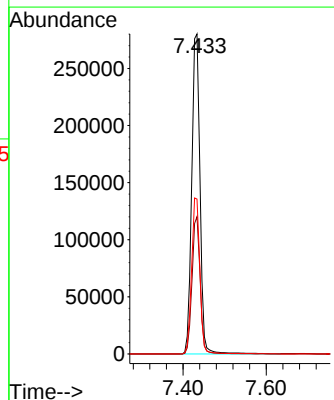
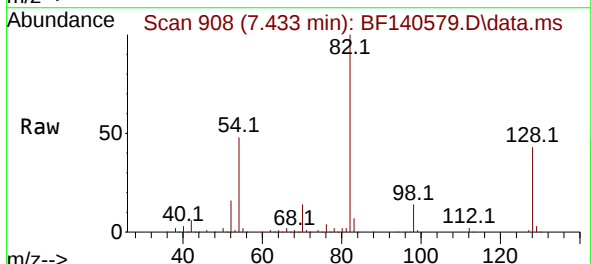
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-004

Tgt Ion:136	Resp: 332795
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 6.7	5.8 8.8
68 5.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 59.472 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140579.D
Acq: 22 Nov 2024 15:58

Tgt Ion: 82	Resp: 386935
Ion Ratio	Lower Upper
82 100	
128 42.9	33.0 49.4
54 48.4	39.5 59.3

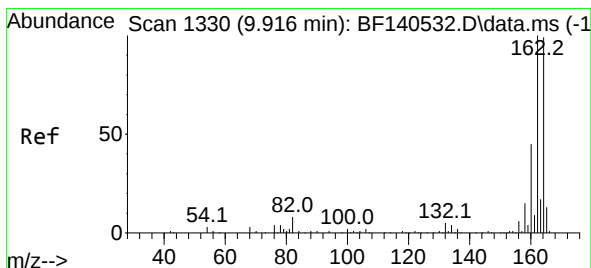
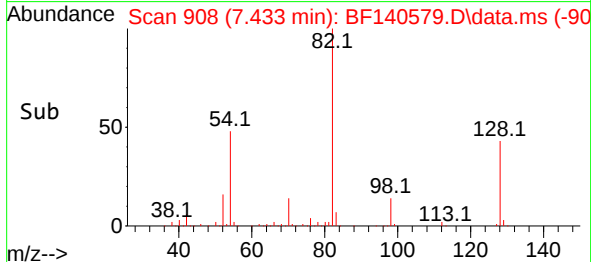
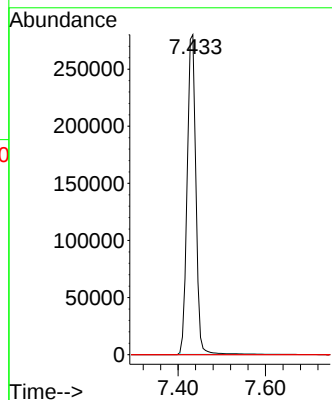
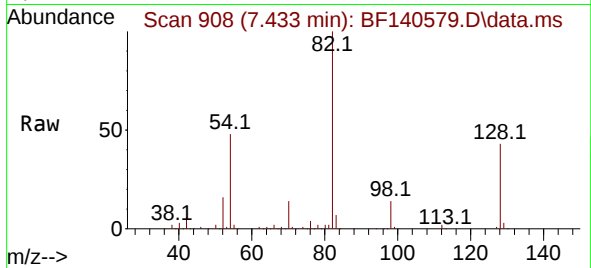




#25
Isophorone
Concen: 35.309 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140579.D
Acq: 22 Nov 2024 15:58

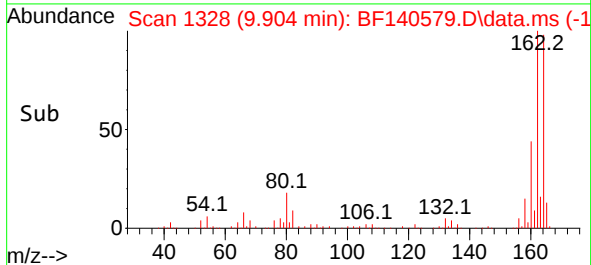
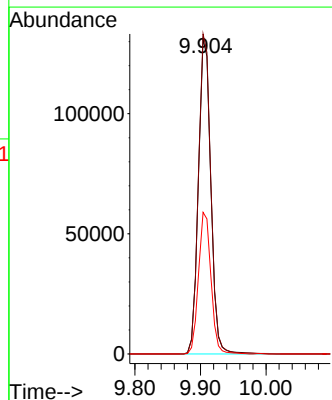
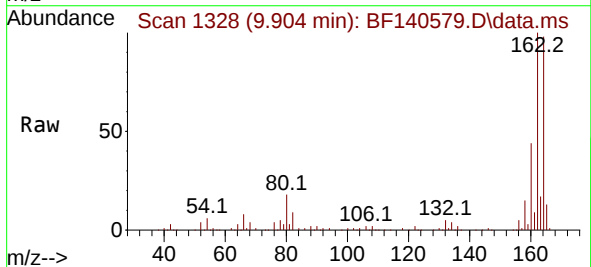
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-004

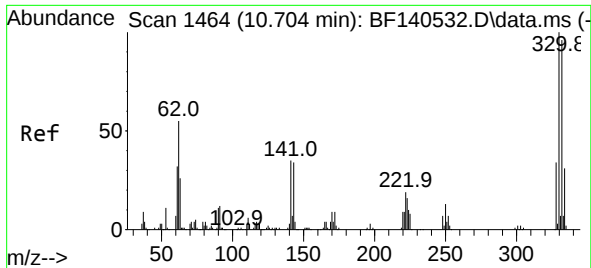
Tgt Ion: 82 Resp: 383167
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140579.D
Acq: 22 Nov 2024 15:58

Tgt Ion: 164 Resp: 173346
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 45.0 36.2 54.4

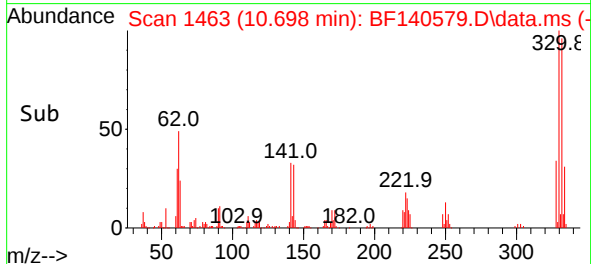
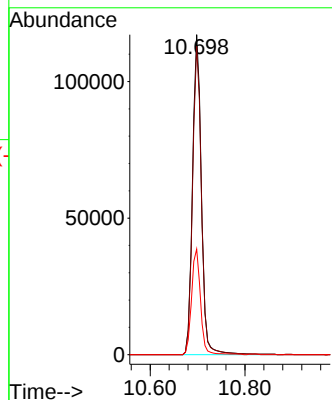
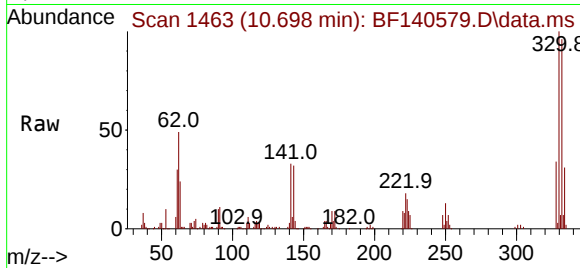




#42
2,4,6-Tribromophenol
Concen: 82.363 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140579.D
Acq: 22 Nov 2024 15:58

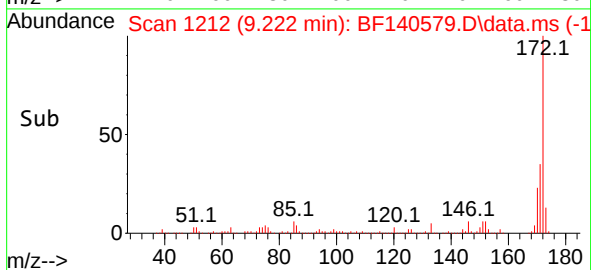
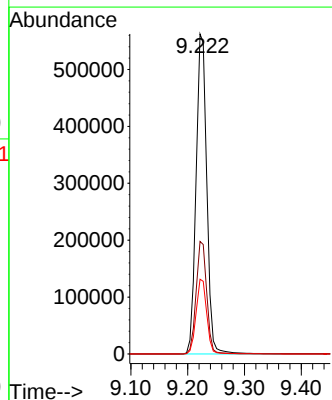
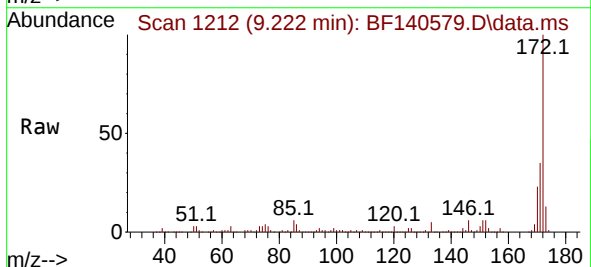
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-004

Tgt Ion:330 Resp: 152697
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 33.3 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 63.687 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140579.D
Acq: 22 Nov 2024 15:58

Tgt Ion:172 Resp: 740960
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.4 19.0 28.6

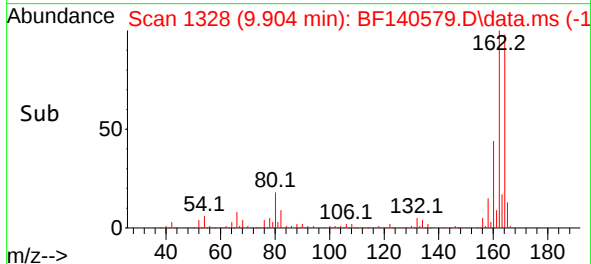
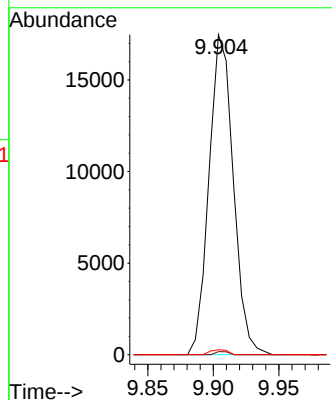
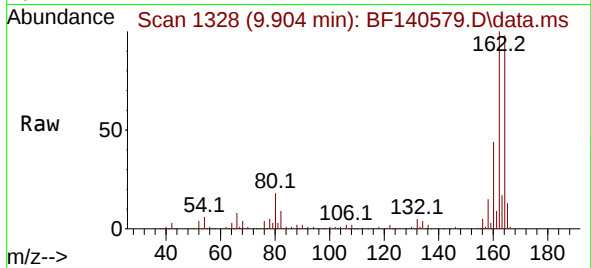




#51
2,6-Dinitrotoluene
Concen: 8.705 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140579.D
Acq: 22 Nov 2024 15:58

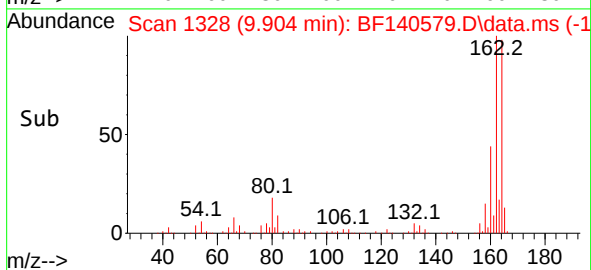
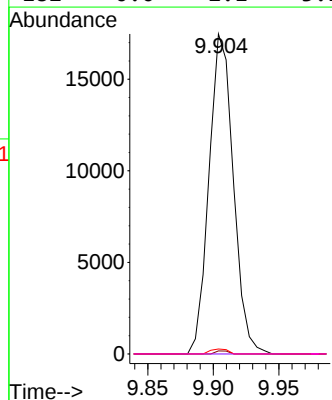
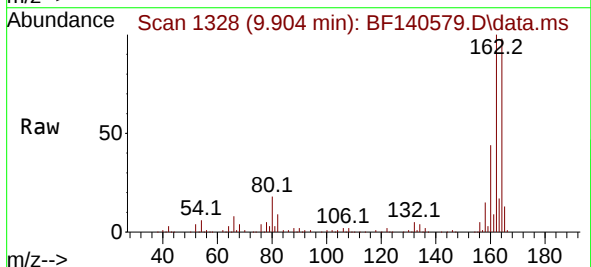
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-004

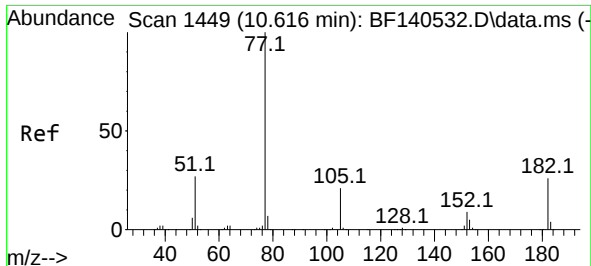
Tgt Ion:165 Resp: 22538
Ion Ratio Lower Upper
165 100
63 0.9 49.9 74.9#
89 1.6 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.550 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140579.D
Acq: 22 Nov 2024 15:58

Tgt Ion:165 Resp: 22538
Ion Ratio Lower Upper
165 100
63 0.9 41.7 62.5#
89 1.6 65.8 98.8#
182 0.0 2.1 3.1#

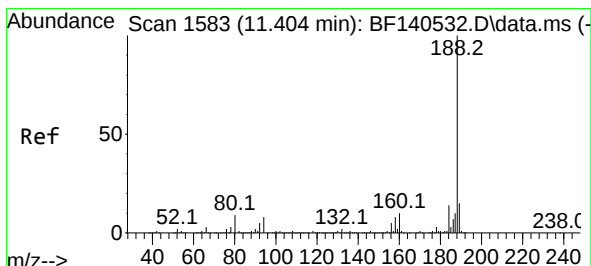
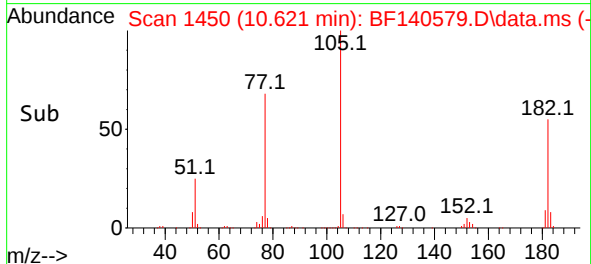
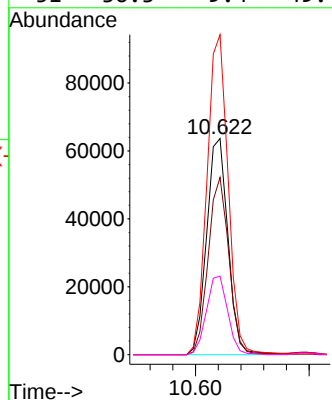
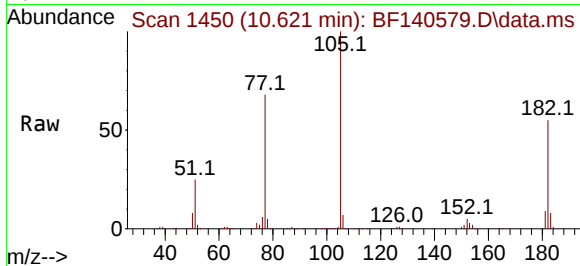




#63
Azobenzene
Concen: 7.540 ng
RT: 10.621 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140579.D
Acq: 22 Nov 2024 15:58

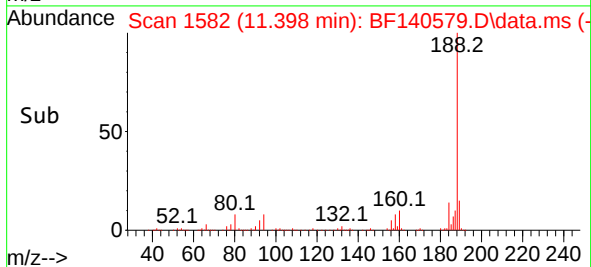
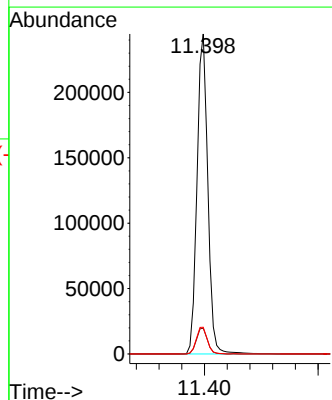
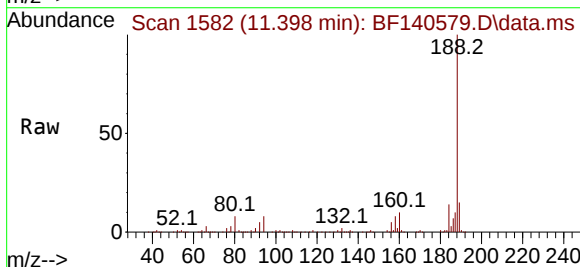
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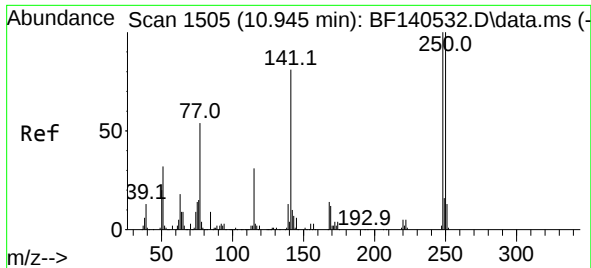
Tgt Ion: 77	Resp: 82820
Ion Ratio	Lower Upper
77 100	
182 82.0	5.3 45.3#
105 148.0	0.3 40.3#
51 36.3	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140579.D
Acq: 22 Nov 2024 15:58

Tgt Ion: 188	Resp: 323538
Ion Ratio	Lower Upper
188 100	
94 8.1	6.4 9.6
80 8.4	6.9 10.3

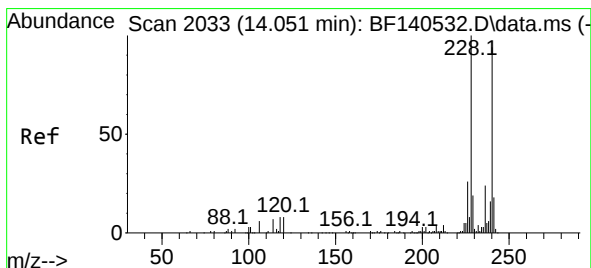
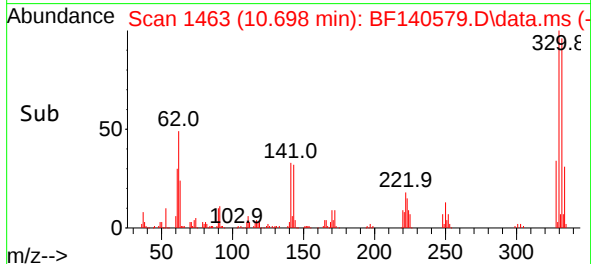
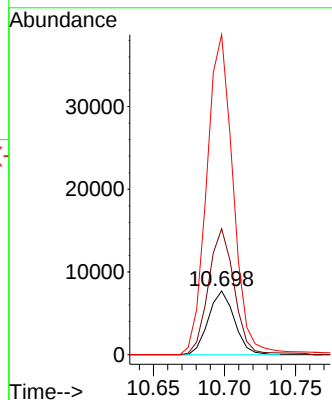
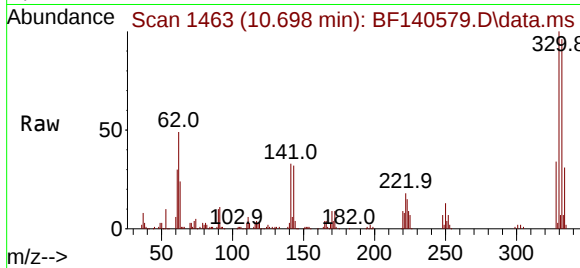




#67
4-Bromophenyl-phenylether
Concen: 2.941 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140579.D
Acq: 22 Nov 2024 15:58

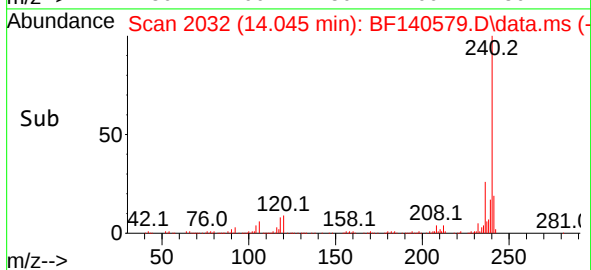
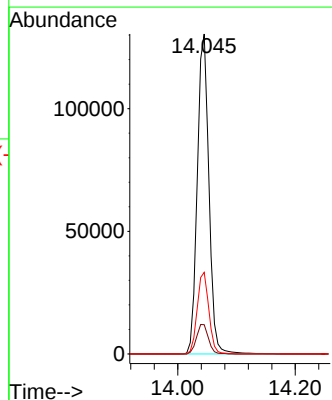
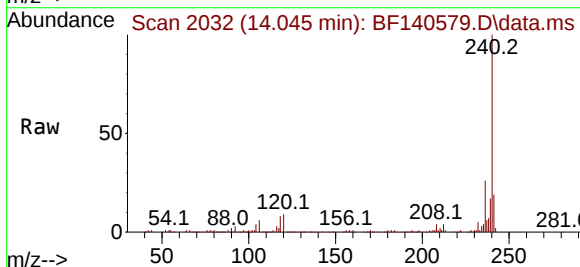
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-004

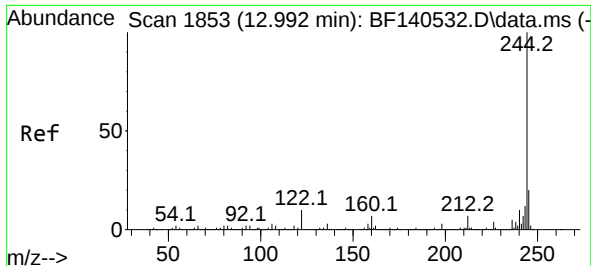
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Ion Ratio Lower Upper
248 100
250 197.7 79.8 119.8#
141 502.5 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140579.D
Acq: 22 Nov 2024 15:58

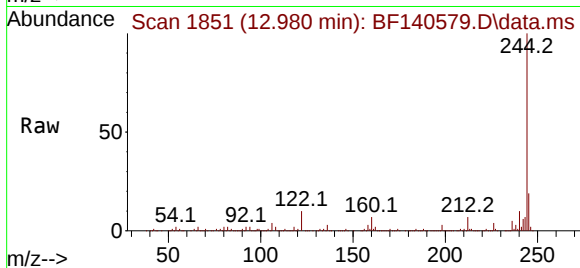
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Ion Ratio Lower Upper
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120 9.2 7.3 10.9
236 25.5 20.6 31.0



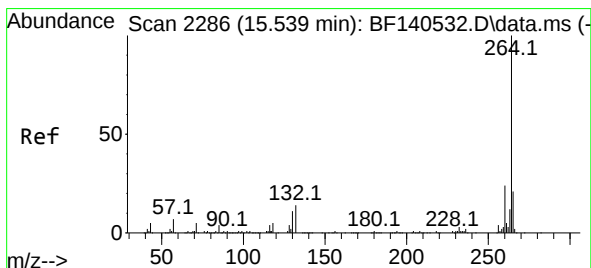
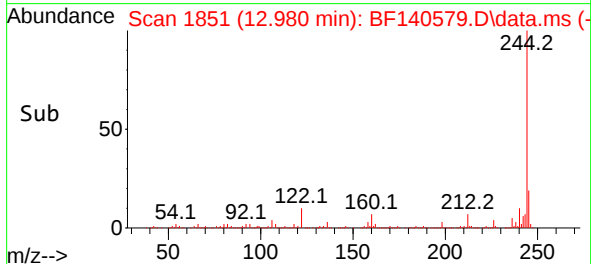
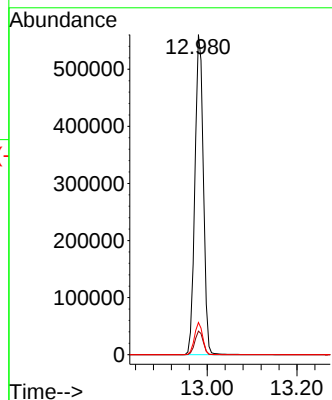


#79
 Terphenyl-d14
 Concen: 63.602 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140579.D
 Acq: 22 Nov 2024 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-004



Tgt Ion:244 Resp: 728599
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 10.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF140579.D
 Acq: 22 Nov 2024 15:58

Tgt Ion:264 Resp: 173467
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.5 16.6 25.0

