

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138972.D
 Acq On : 13 Aug 2024 13:47
 Operator : RC/JU
 Sample : P3520-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-12-080624

Quant Time: Aug 13 14:14:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

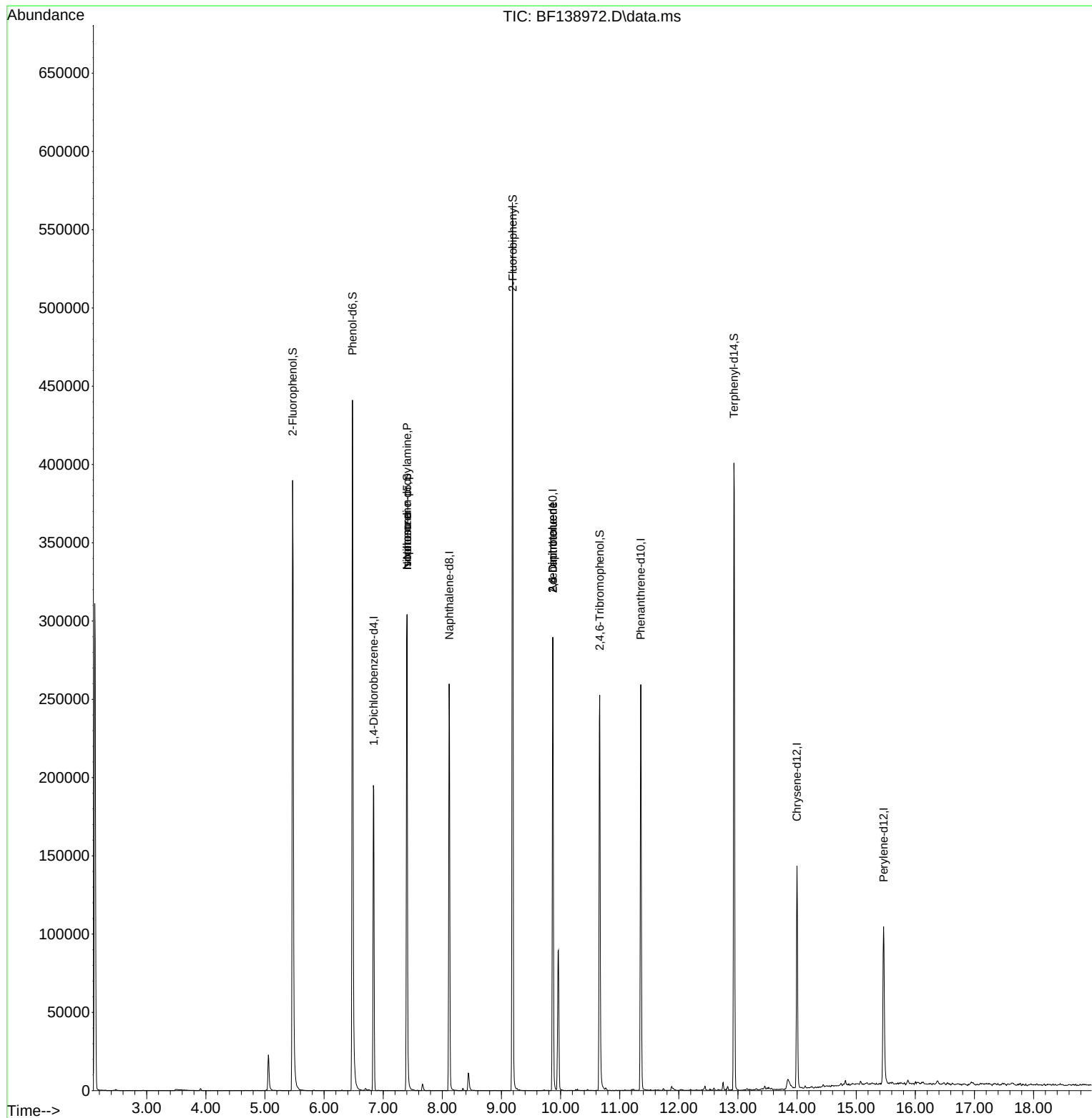
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	38006	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	155621	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	84542	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	133895	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	68546	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	65747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	139426	56.629	ng	0.00
7) Phenol-d6	6.481	99	190818	57.726	ng	0.00
23) Nitrobenzene-d5	7.404	82	129939	40.823	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	38393	55.440	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	239349	42.538	ng	-0.01
79) Terphenyl-d14	12.933	244	189626	46.317	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	17555	8.793	ng	# 80
25) Isophorone	7.404	82	129938	23.907	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10811	8.862	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	10811	6.946	ng	# 16

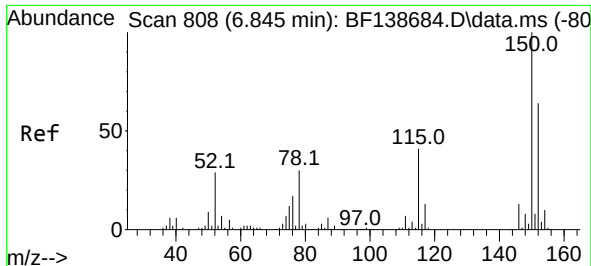
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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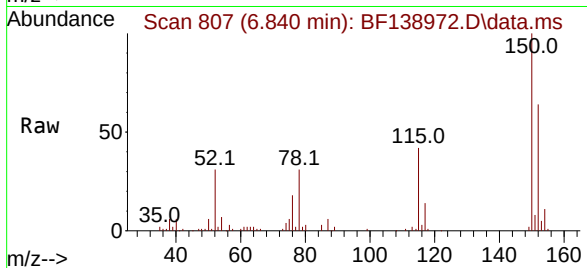
Quant Time: Aug 13 14:14:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
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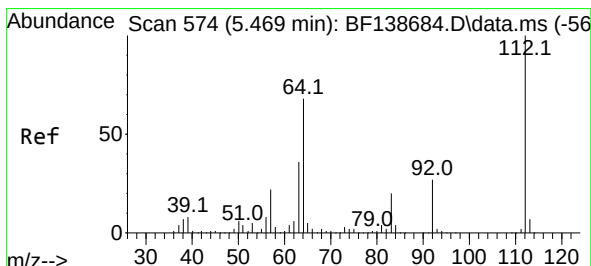
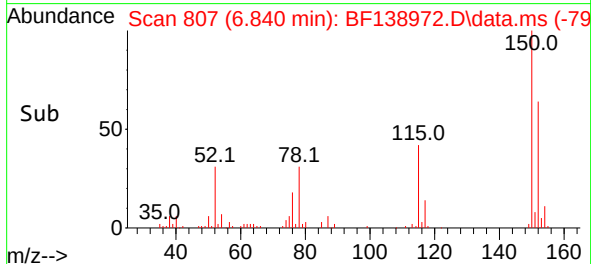
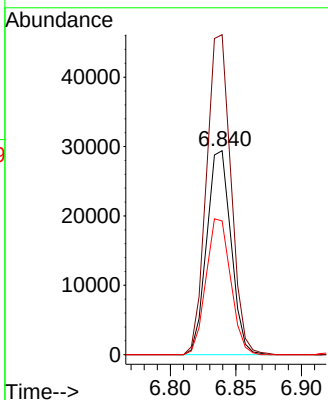


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138972.D
Acq: 13 Aug 2024 13:47

Instrument :
BNA_F
ClientSampleId :
OU4-CF-12-080624

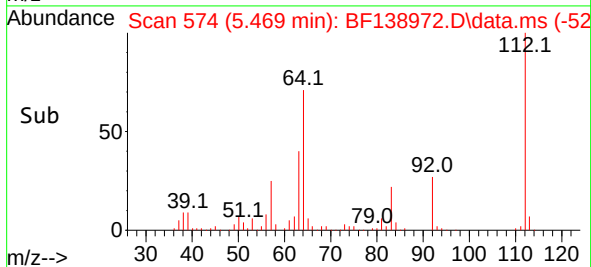
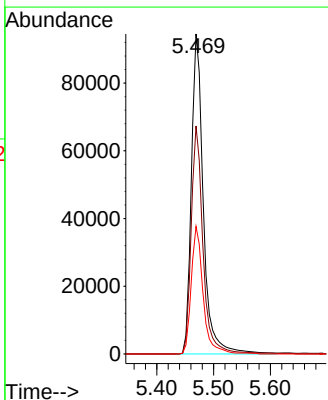
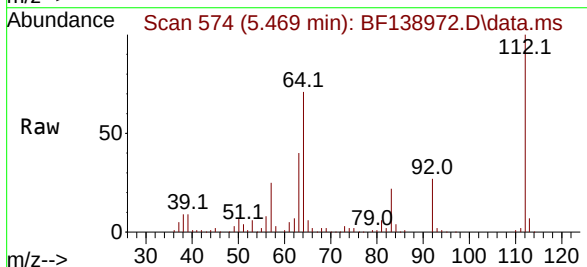


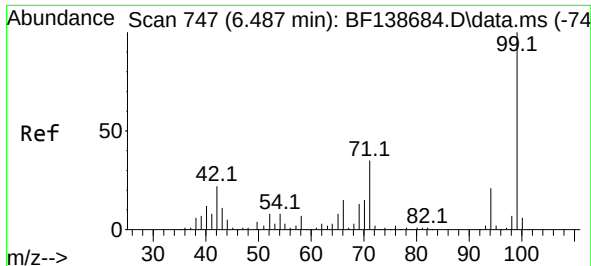
Tgt Ion:152 Resp: 38006
Ion Ratio Lower Upper
152 100
150 156.8 126.0 189.0
115 65.5 51.7 77.5



#5
2-Fluorophenol
Concen: 56.629 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138972.D
Acq: 13 Aug 2024 13:47

Tgt Ion:112 Resp: 139426
Ion Ratio Lower Upper
112 100
64 71.2 54.2 81.4
63 39.8 28.7 43.1

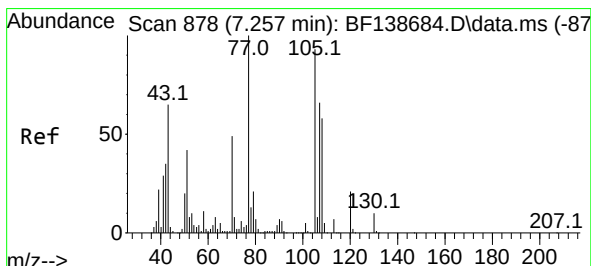
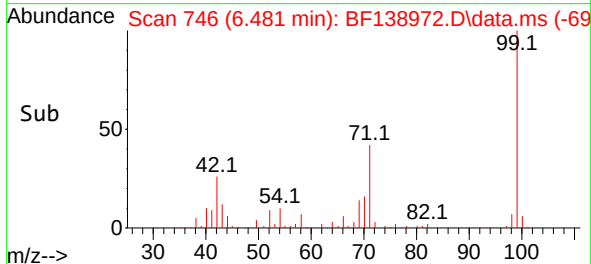
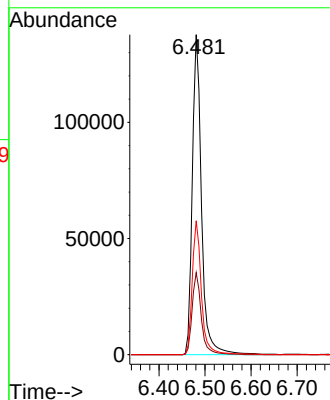
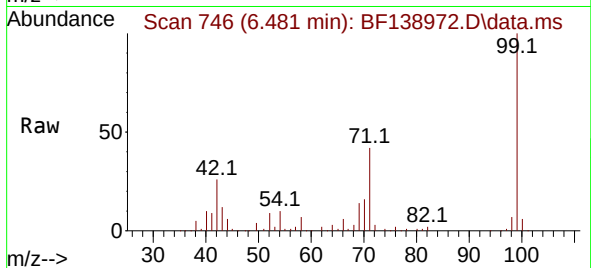




#7
Phenol-d6
Concen: 57.726 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138972.D
Acq: 13 Aug 2024 13:47

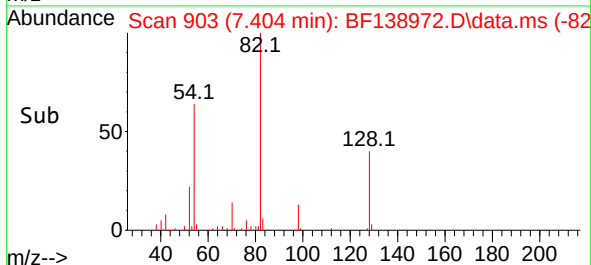
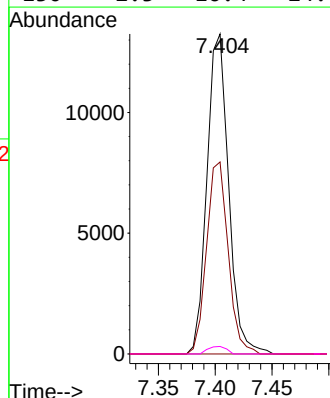
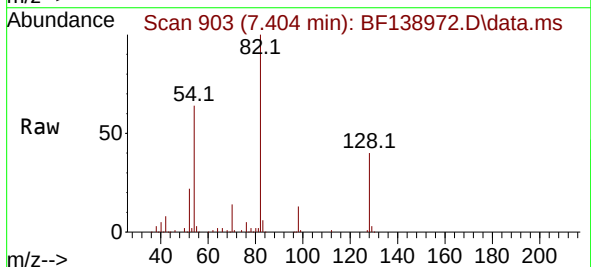
Instrument :
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ClientSampleId :
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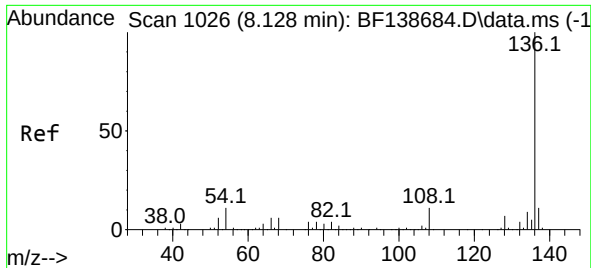
Tgt Ion: 99 Resp: 190818
Ion Ratio Lower Upper
99 100
42 25.6 17.4 26.0
71 41.8 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 8.793 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138972.D
Acq: 13 Aug 2024 13:47

Tgt Ion: 70 Resp: 17555
Ion Ratio Lower Upper
70 100
42 60.0 57.4 86.0
101 0.0 7.5 11.3#
130 2.3 16.4 24.6#

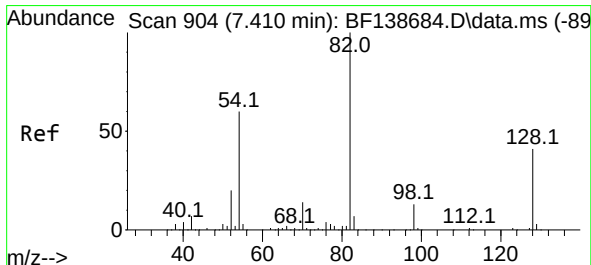
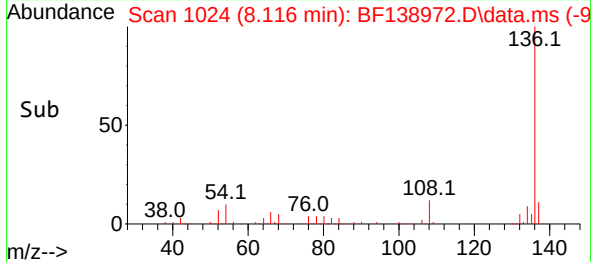
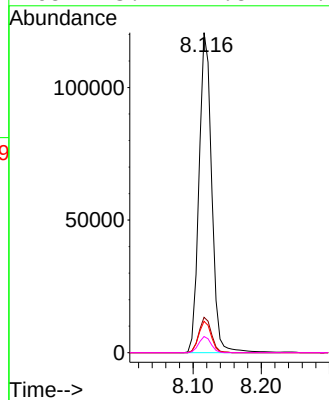
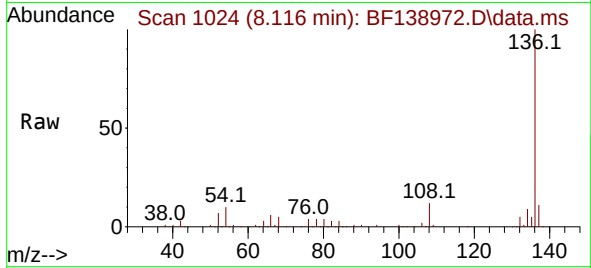




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138972.D
Acq: 13 Aug 2024 13:47

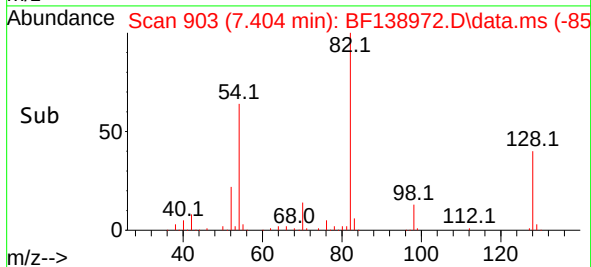
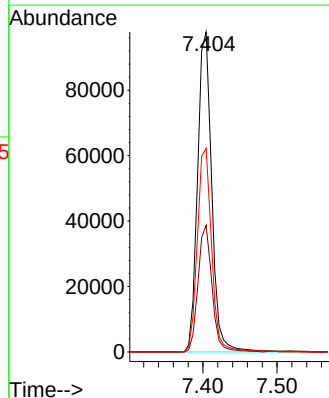
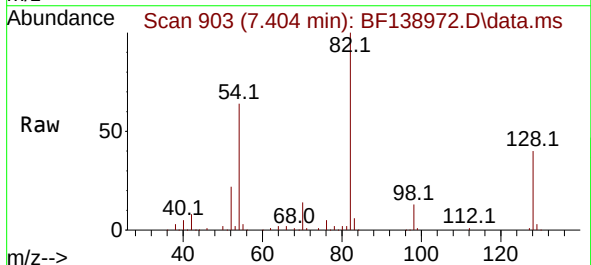
Instrument :
BNA_F
ClientSampleId :
OU4-CF-12-080624

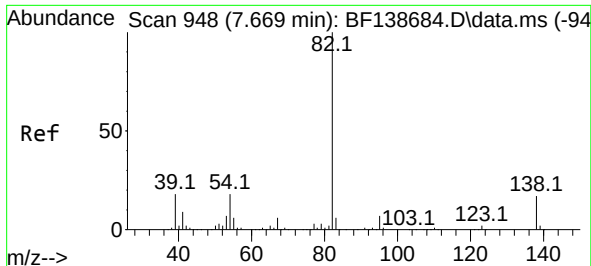
Tgt Ion:136	Resp: 155621
Ion Ratio	Lower Upper
136	100
137	11.1 8.9 13.3
54	9.8 8.6 12.8
68	5.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 40.823 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138972.D
Acq: 13 Aug 2024 13:47

Tgt Ion: 82	Resp: 129939
Ion Ratio	Lower Upper
82	100
128	39.6 32.8 49.2
54	63.7 48.3 72.5

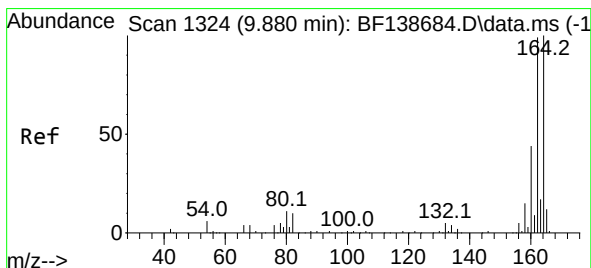
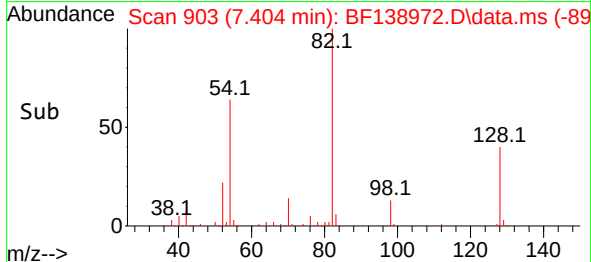
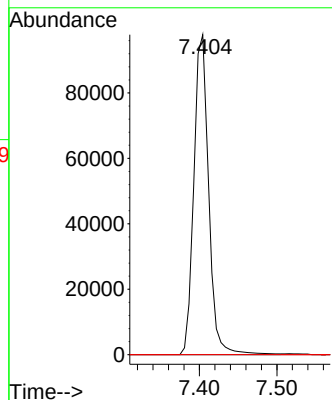
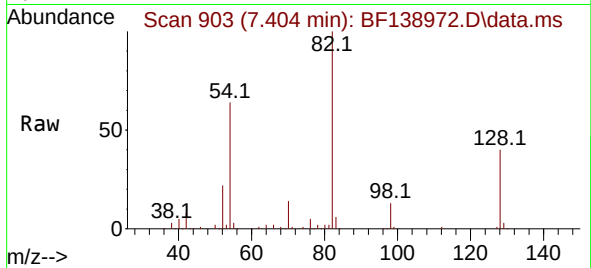




#25
Isophorone
Concen: 23.907 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138972.D
Acq: 13 Aug 2024 13:47

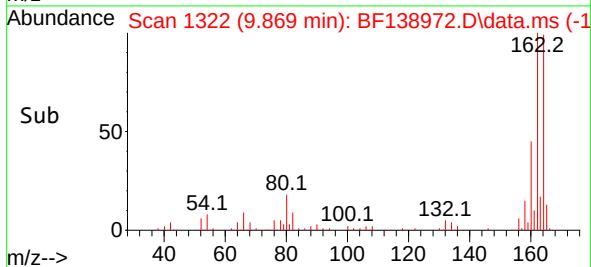
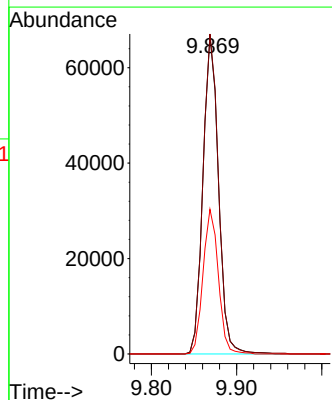
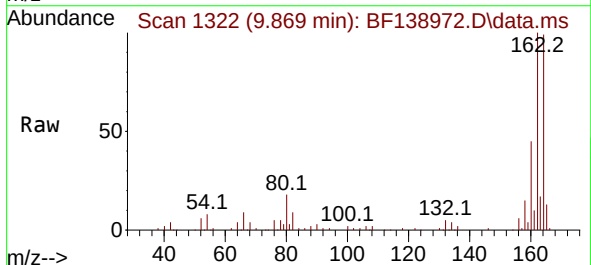
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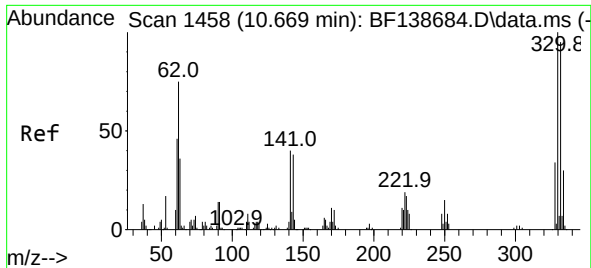
Tgt Ion: 82 Resp: 129938
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138972.D
Acq: 13 Aug 2024 13:47

Tgt Ion:164 Resp: 84542
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.0
160 45.5 35.1 52.7

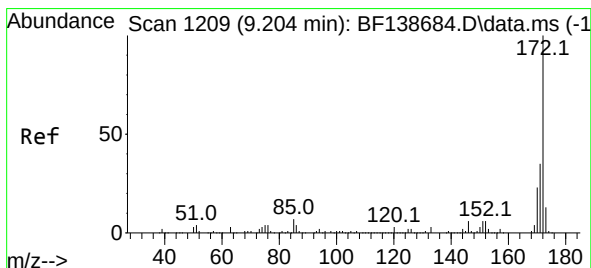
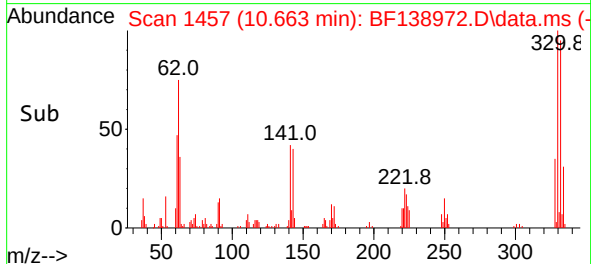
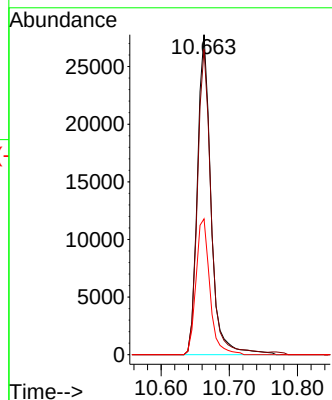
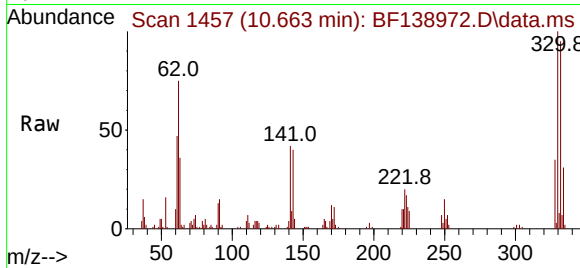




#42
2,4,6-Tribromophenol
Concen: 55.440 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138972.D
Acq: 13 Aug 2024 13:47

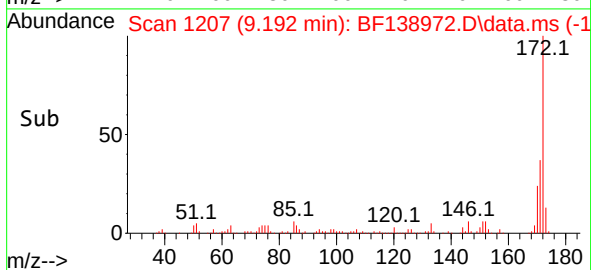
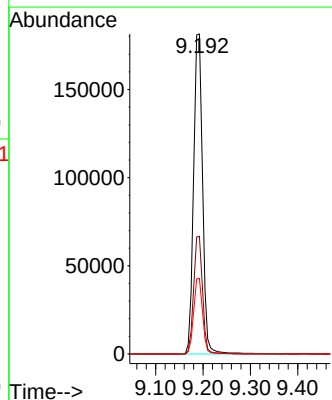
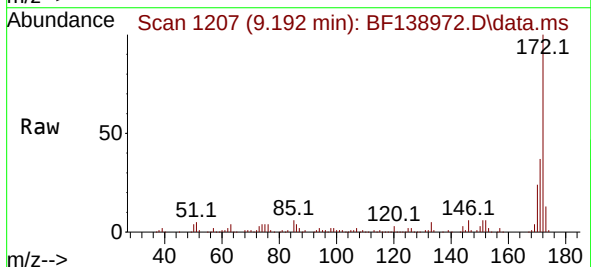
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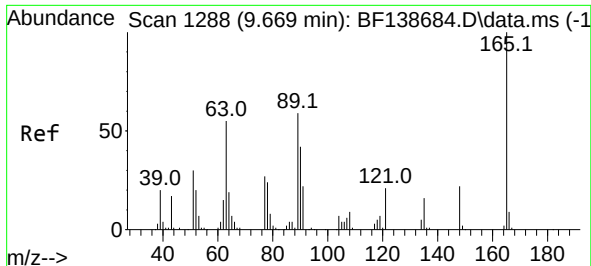
Tgt Ion:330 Resp: 38393
Ion Ratio Lower Upper
330 100
332 96.2 76.4 114.6
141 43.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 42.538 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138972.D
Acq: 13 Aug 2024 13:47

Tgt Ion:172 Resp: 239349
Ion Ratio Lower Upper
172 100
171 36.7 28.3 42.5
170 23.6 18.8 28.2

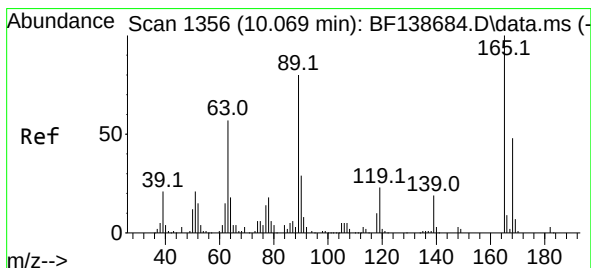
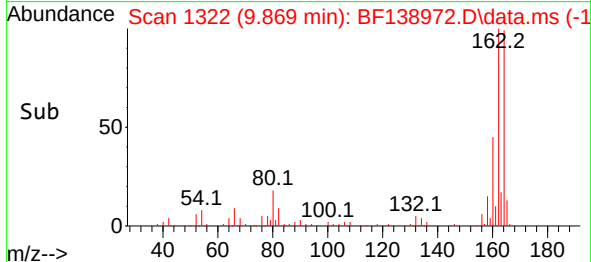
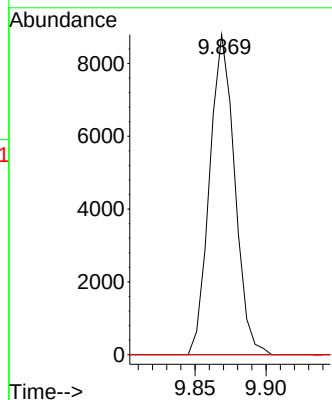
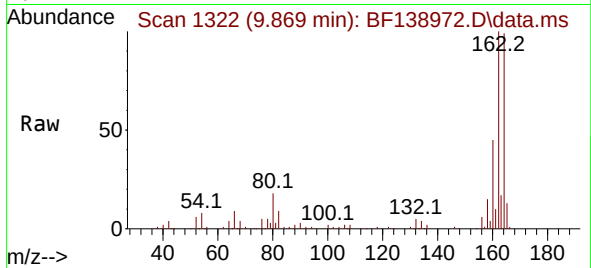




#51
2,6-Dinitrotoluene
Concen: 8.862 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138972.D
Acq: 13 Aug 2024 13:47

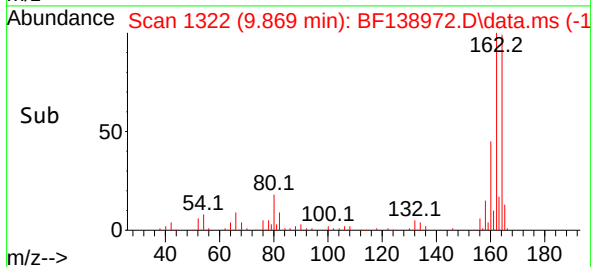
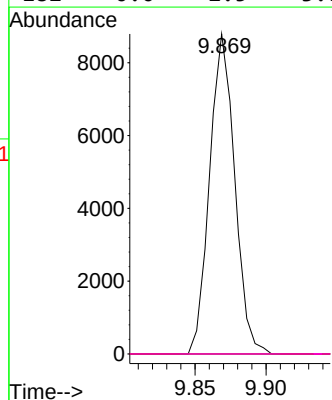
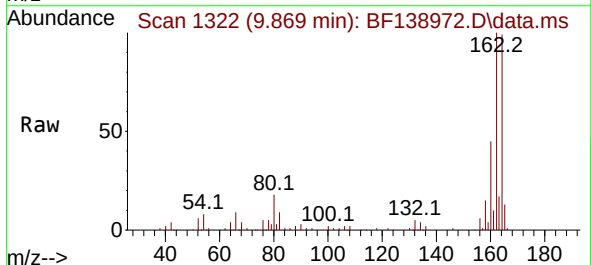
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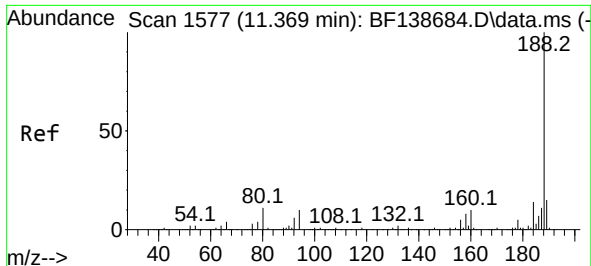
Tgt Ion:165 Resp: 10811
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.946 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138972.D
Acq: 13 Aug 2024 13:47

Tgt Ion:165 Resp: 10811
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#

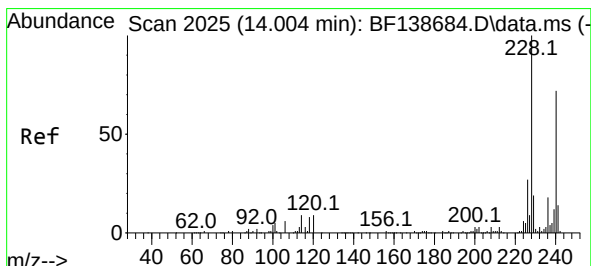
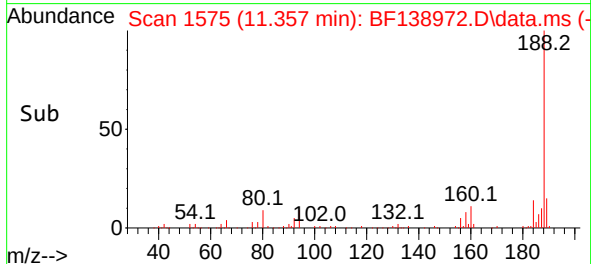
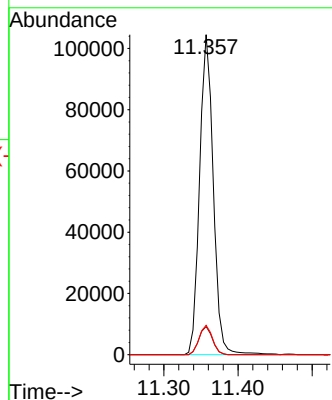
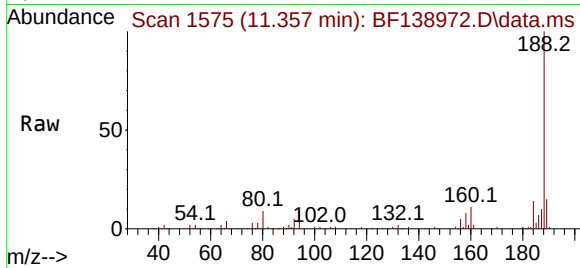




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138972.D
Acq: 13 Aug 2024 13:47

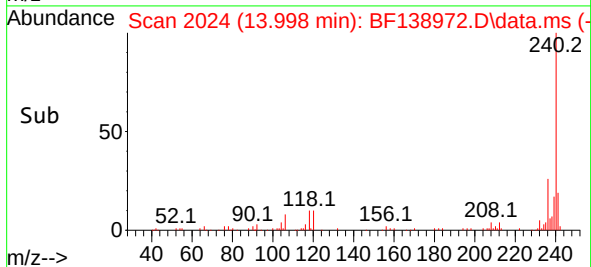
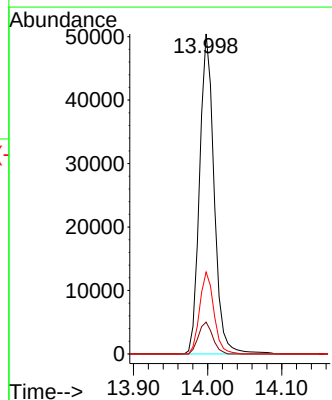
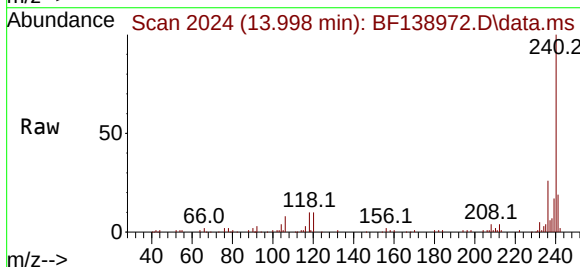
Instrument :
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OU4-CF-12-080624

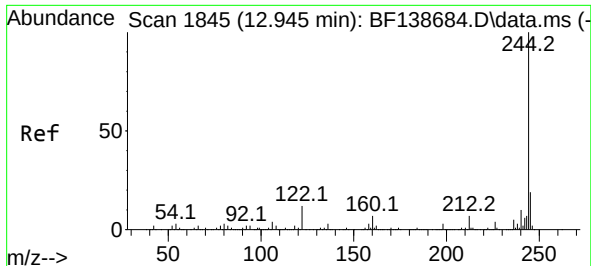
Tgt Ion:188 Resp: 133895
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.2 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138972.D
Acq: 13 Aug 2024 13:47

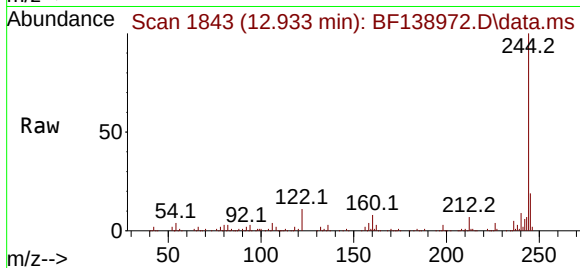
Tgt Ion:240 Resp: 68546
Ion Ratio Lower Upper
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120 9.9 10.2 15.4#
236 25.6 19.8 29.8



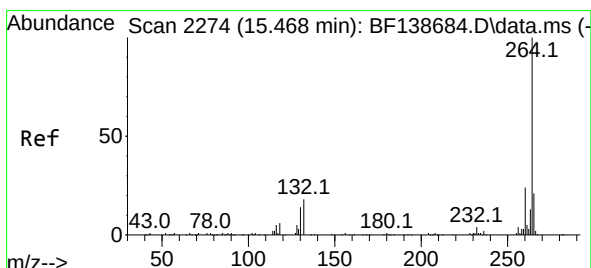
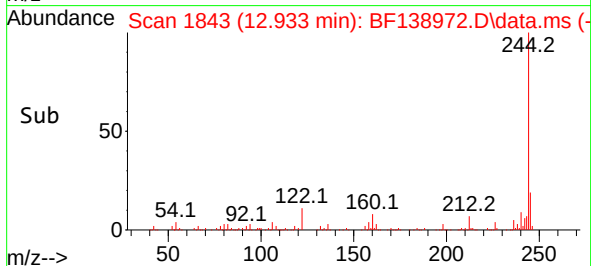
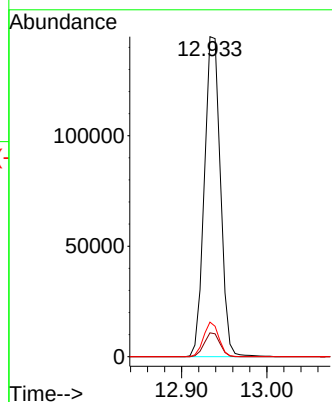


#79
 Terphenyl-d14
 Concen: 46.317 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF138972.D
 Acq: 13 Aug 2024 13:47

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-12-080624



Tgt Ion:244 Resp: 189626
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 10.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF138972.D
 Acq: 13 Aug 2024 13:47

Tgt Ion:264 Resp: 65747
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.6
 265 22.0 17.0 25.6

