

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140505.D
 Acq On : 20 Nov 2024 17:51
 Operator : RC/JU
 Sample : P4910-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 00:06:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

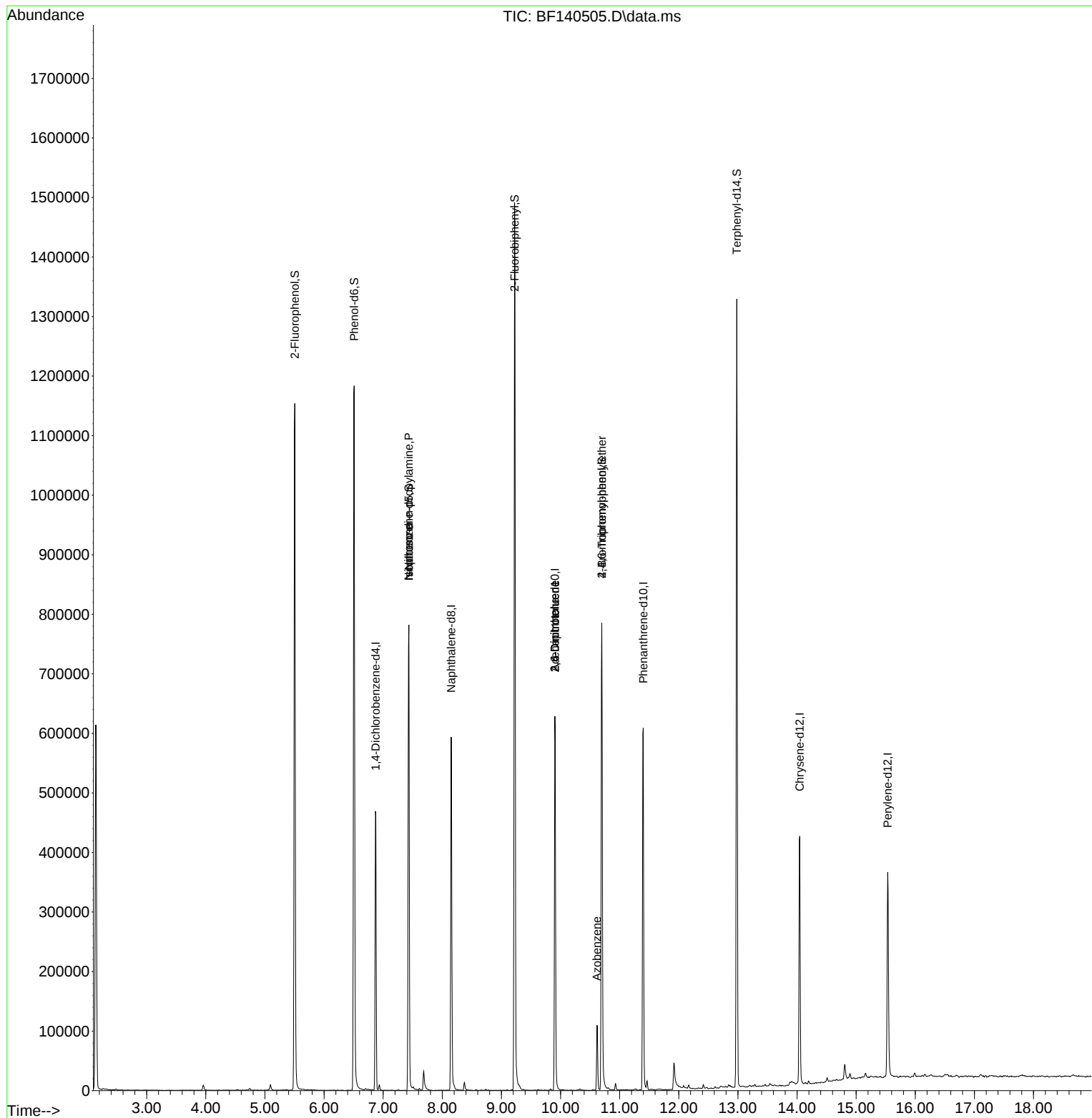
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	102588	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	380523	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	198317	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	352738	20.000	ng	0.00
76) Chrysene-d12	14.045	240	211653	20.000	ng	0.00
86) Perylene-d12	15.533	264	208834	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	453886	75.541	ng	0.01
7) Phenol-d6	6.510	99	590931	72.591	ng	0.00
23) Nitrobenzene-d5	7.434	82	368805	50.498	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	139328	70.649	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	698141	56.591	ng	-0.01
79) Terphenyl-d14	12.980	244	643943	52.811	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	50576	10.287	ng	# 75
25) Isophorone	7.434	82	362879	28.035	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	25898	8.788	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	26018	6.708	ng	# 20
63) Azobenzene	10.616	77	31585	2.418	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	8856	2.512	ng	# 1

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

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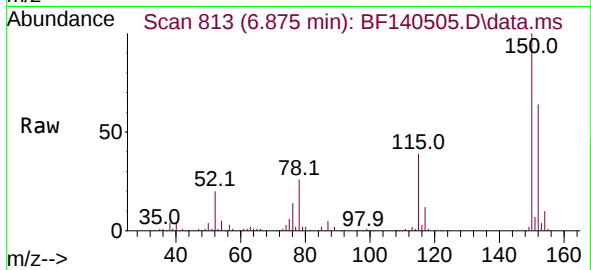
Quant Time: Nov 21 00:06:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration



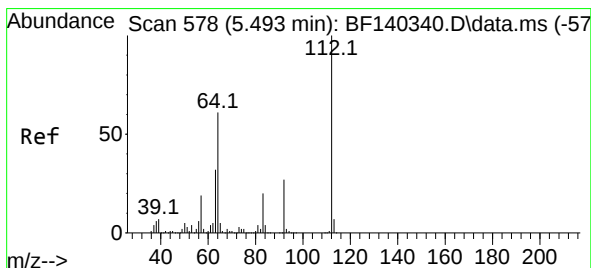
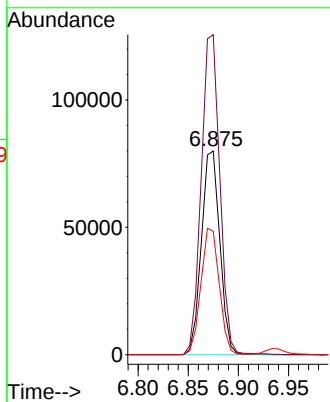
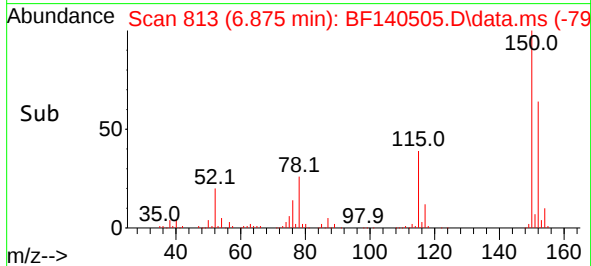


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140505.D
Acq: 20 Nov 2024 17:51

Instrument :
BNA_F
ClientSampleId :

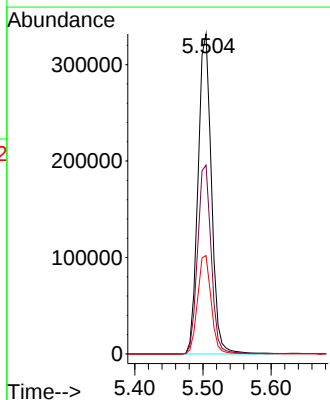
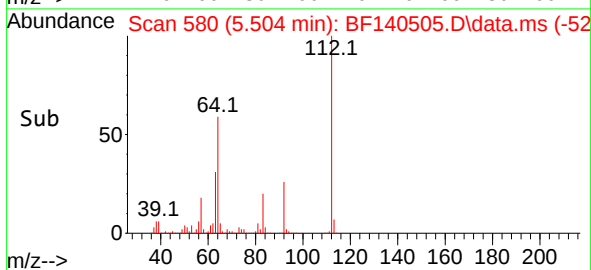
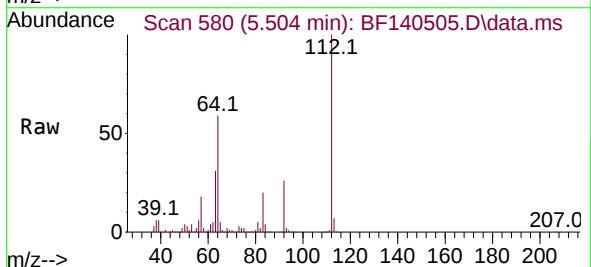


Tgt Ion:152 Resp: 102588
Ion Ratio Lower Upper
152 100
150 157.1 127.4 191.0
115 60.6 47.4 71.2



#5
2-Fluorophenol
Concen: 75.541 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140505.D
Acq: 20 Nov 2024 17:51

Tgt Ion:112 Resp: 453886
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 30.7 25.6 38.4



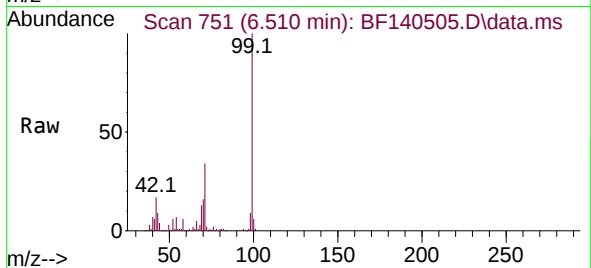


#7
Phenol-d6
Concen: 72.591 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140505.D
Acq: 20 Nov 2024 17:51

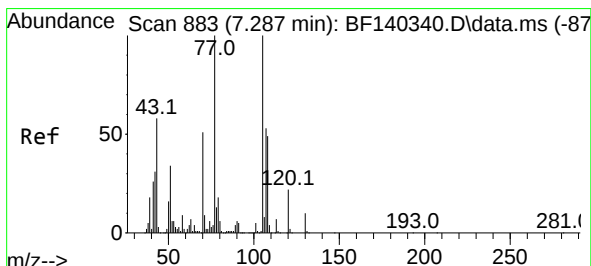
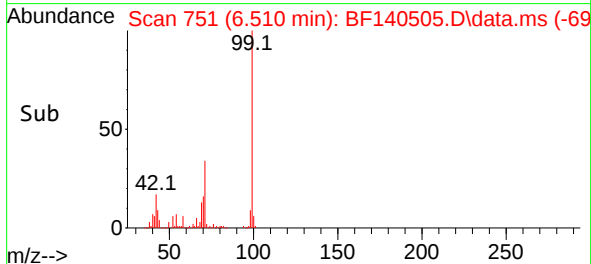
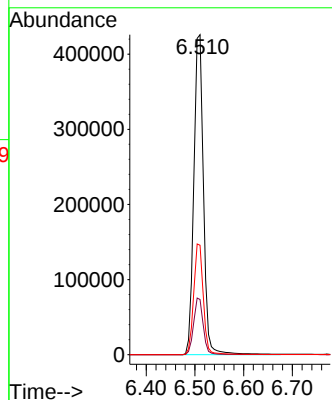
Instrument :

BNA_F

ClientSampleId :

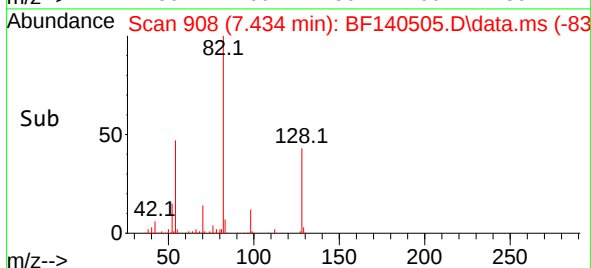
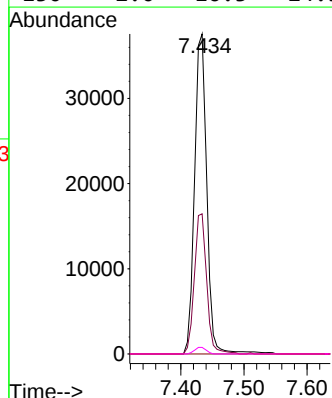
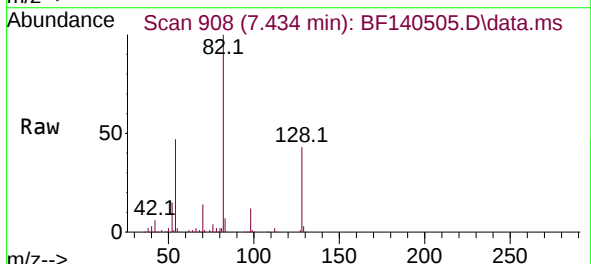


Tgt Ion: 99 Resp: 590931
Ion Ratio Lower Upper
99 100
42 17.2 15.1 22.7
71 34.2 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 10.287 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140505.D
Acq: 20 Nov 2024 17:51

Tgt Ion: 70 Resp: 50576
Ion Ratio Lower Upper
70 100
42 43.8 46.8 70.2#
101 0.0 7.5 11.3#
130 2.0 16.3 24.5#



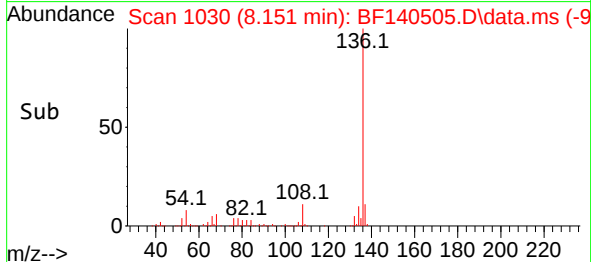
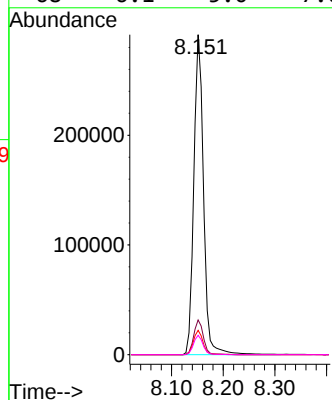
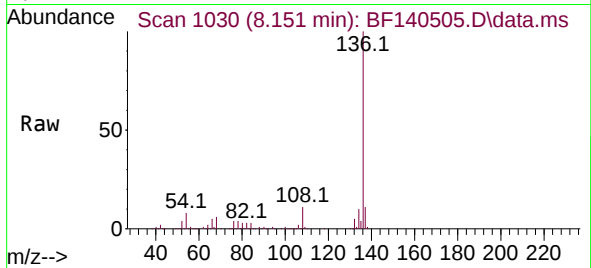


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140505.D
Acq: 20 Nov 2024 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 380523

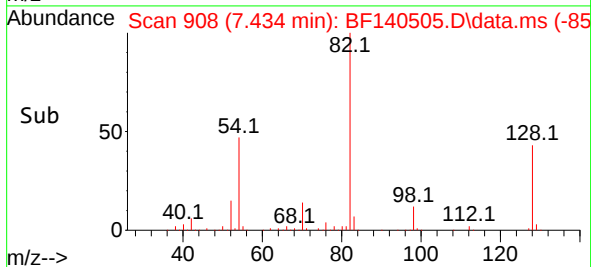
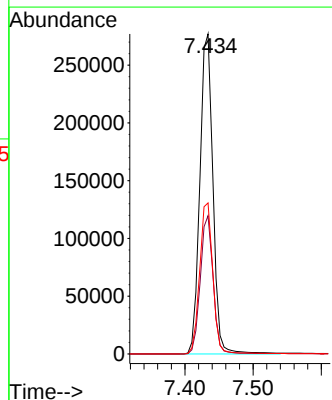
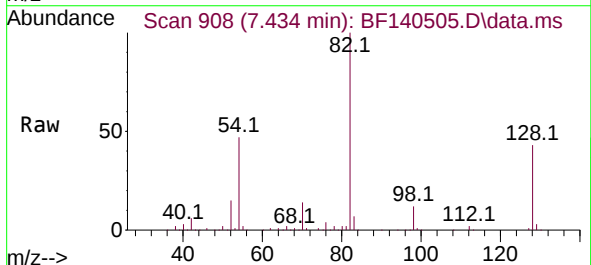
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.6	6.5	9.7
68	6.1	5.0	7.6



#23
Nitrobenzene-d5
Concen: 50.498 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140505.D
Acq: 20 Nov 2024 17:51

Tgt Ion: 82 Resp: 368805

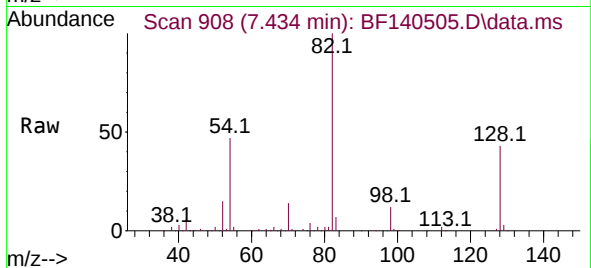
Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.3	49.9
54	47.2	39.8	59.8



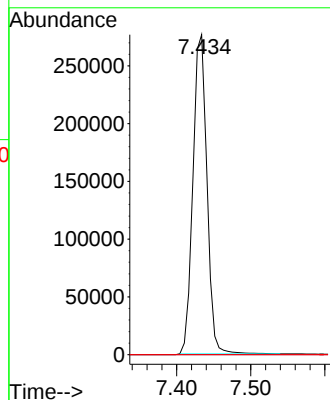
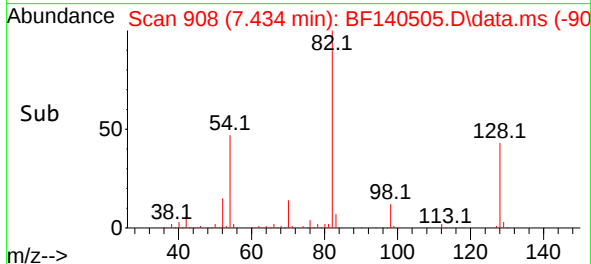


#25
Isophorone
Concen: 28.035 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140505.D
Acq: 20 Nov 2024 17:51

Instrument :
BNA_F
ClientSampleId :

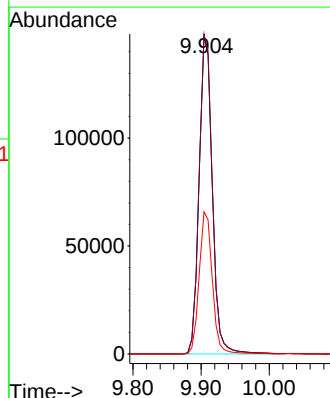
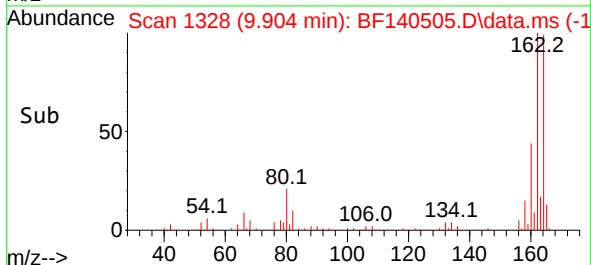
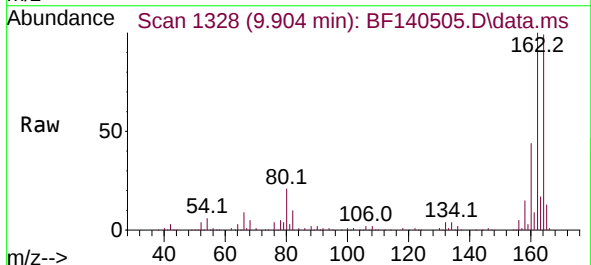


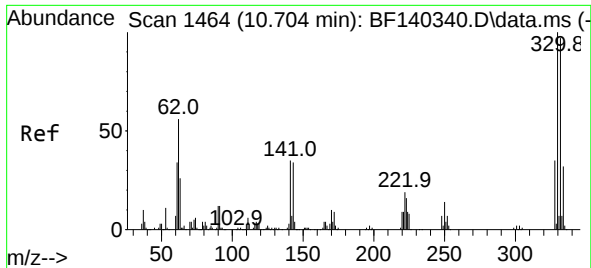
Tgt Ion: 82 Resp: 362879
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140505.D
Acq: 20 Nov 2024 17:51

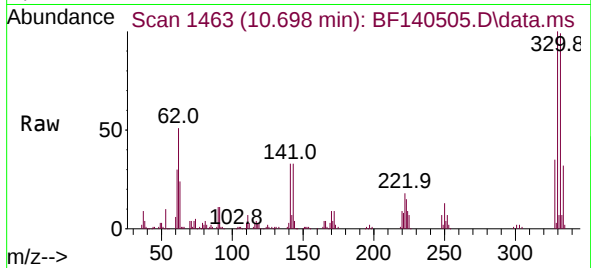
Tgt Ion:164 Resp: 198317
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.8
160 44.7 35.4 53.0



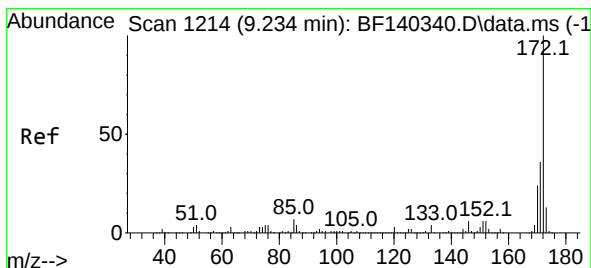
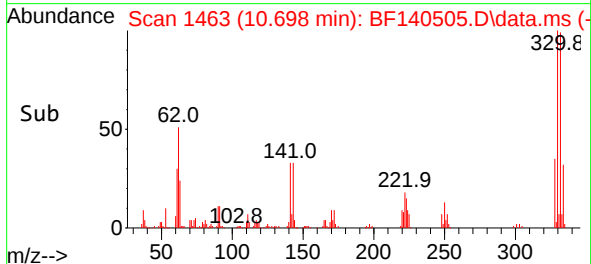
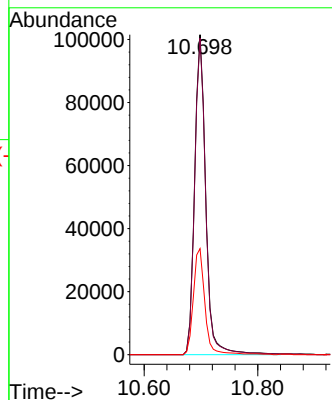


#42
2,4,6-Tribromophenol
Concen: 70.649 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140505.D
Acq: 20 Nov 2024 17:51

Instrument :
BNA_F
ClientSampleId :

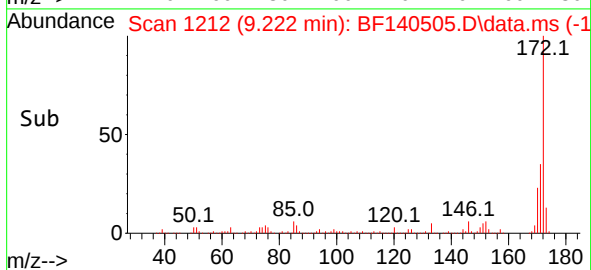
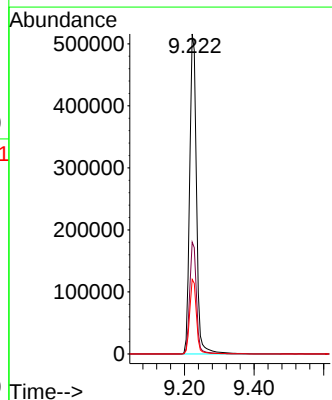
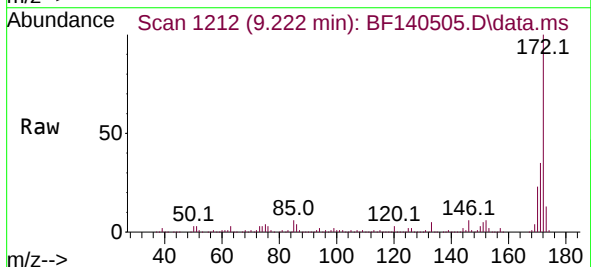


Tgt Ion:330 Resp: 139328
Ion Ratio Lower Upper
330 100
332 98.6 75.9 113.9
141 34.0 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 56.591 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140505.D
Acq: 20 Nov 2024 17:51

Tgt Ion:172 Resp: 698141
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.3 19.1 28.7

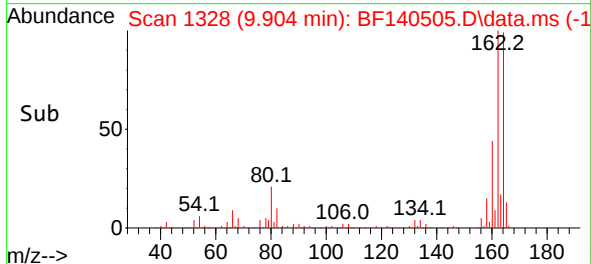
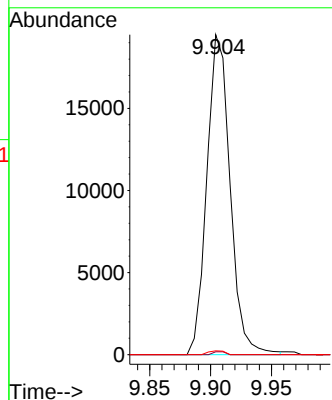
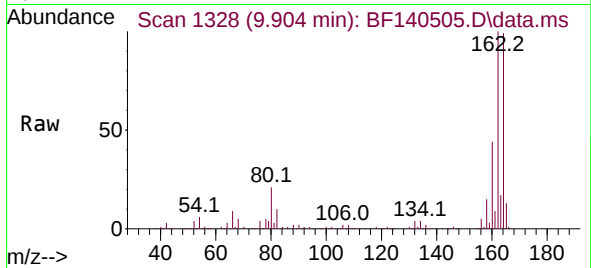




#51
2,6-Dinitrotoluene
Concen: 8.788 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140505.D
Acq: 20 Nov 2024 17:51

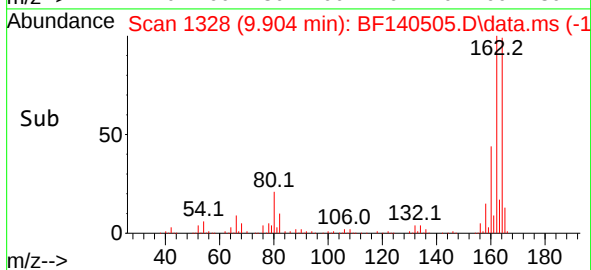
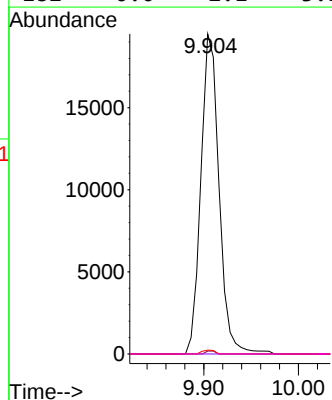
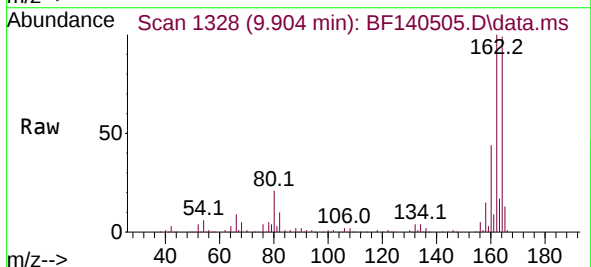
Instrument :
BNA_F
ClientSampleId :

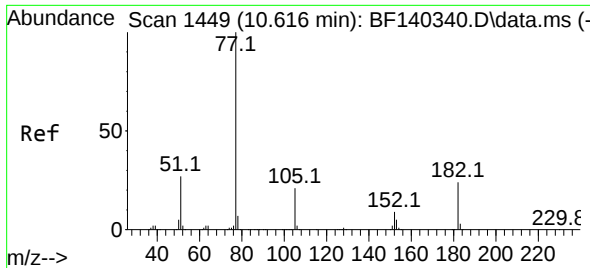
Tgt Ion:165 Resp: 25898
Ion Ratio Lower Upper
165 100
63 0.9 47.6 71.4#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.708 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140505.D
Acq: 20 Nov 2024 17:51

Tgt Ion:165 Resp: 26018
Ion Ratio Lower Upper
165 100
63 0.9 39.4 59.0#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#

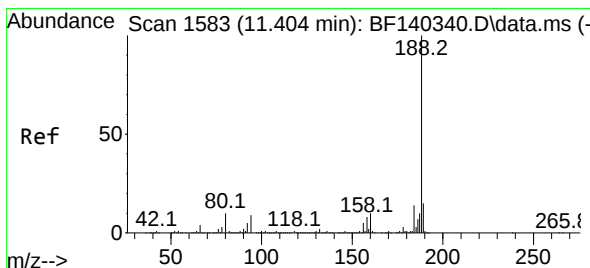
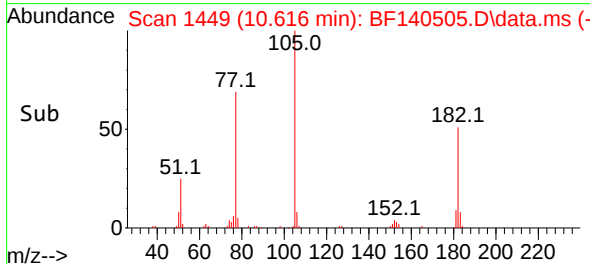
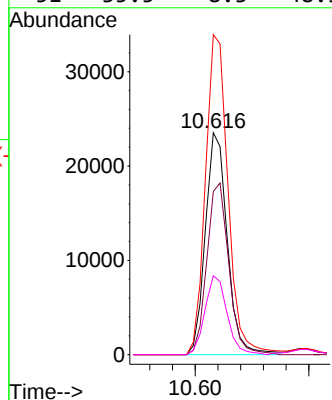
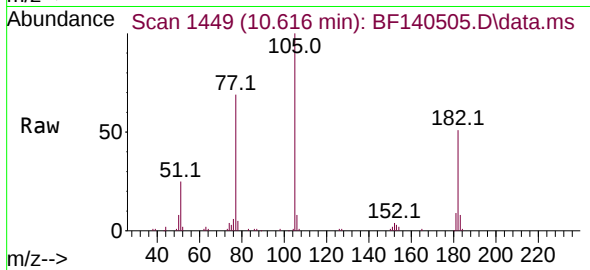




#63
Azobenzene
Concen: 2.418 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140505.D
Acq: 20 Nov 2024 17:51

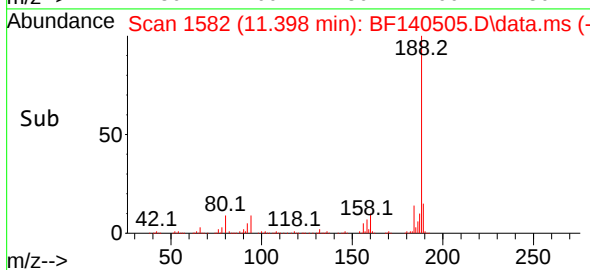
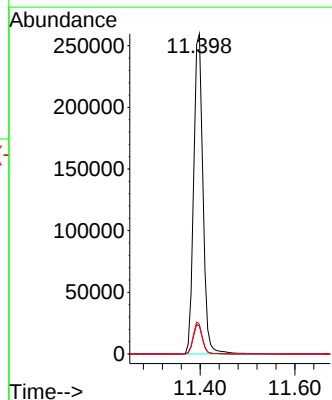
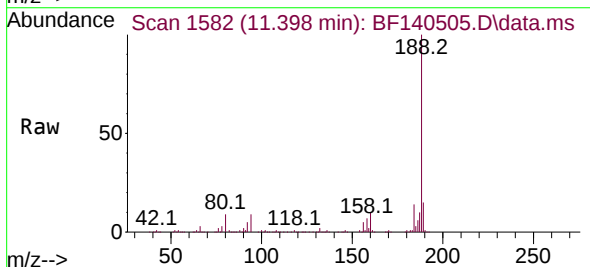
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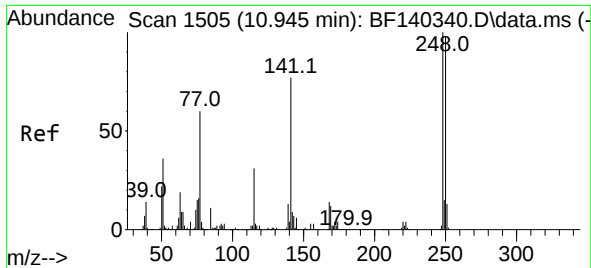
Tgt Ion: 77	Resp: 31585
Ion Ratio	Lower Upper
77 100	
182 73.6	4.6 44.6#
105 144.2	0.9 40.9#
51 35.5	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140505.D
Acq: 20 Nov 2024 17:51

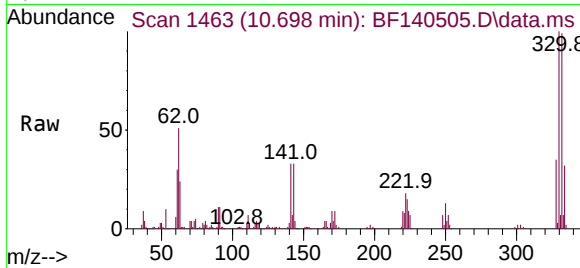
Tgt Ion: 188	Resp: 352738
Ion Ratio	Lower Upper
188 100	
94 8.8	7.6 11.4
80 9.3	8.0 12.0



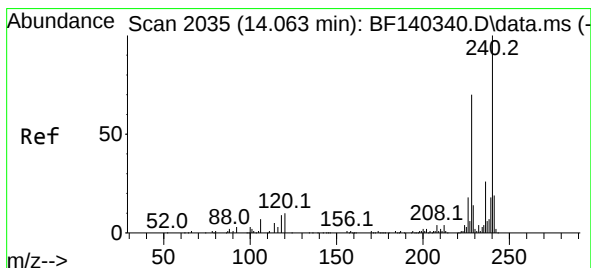
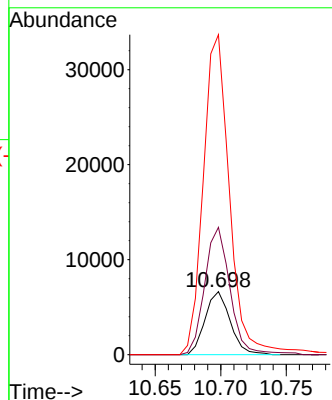
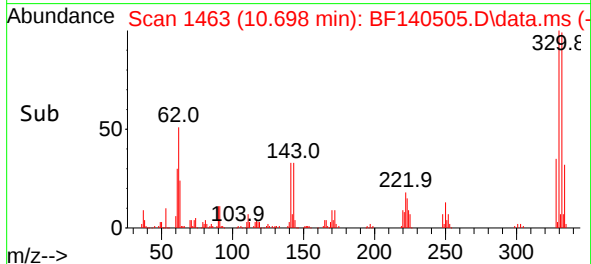


#67
4-Bromophenyl-phenylether
Concen: 2.512 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140505.D
Acq: 20 Nov 2024 17:51

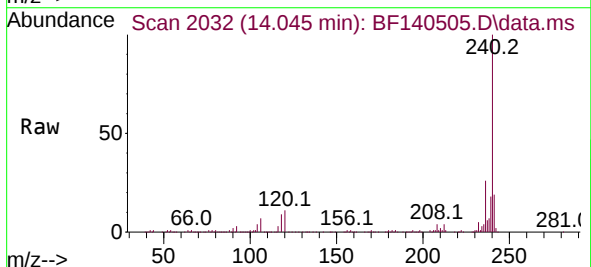
Instrument :
BNA_F
ClientSampleId :



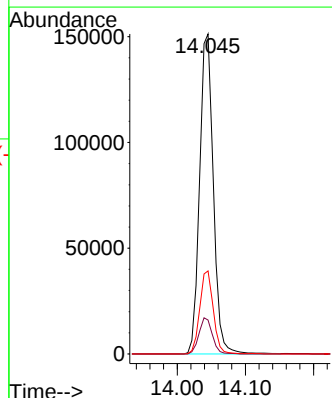
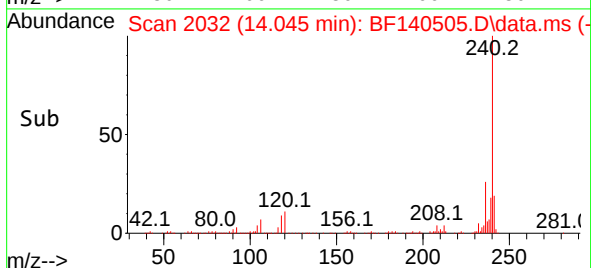
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Ion Ratio Lower Upper
248 100
250 201.9 77.9 116.9#
141 507.5 61.8 92.6#

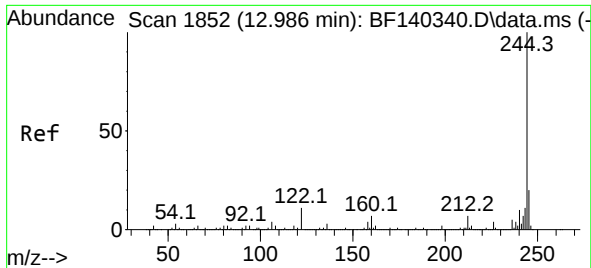


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140505.D
Acq: 20 Nov 2024 17:51



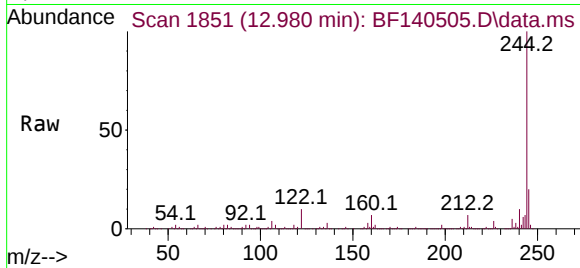
Tgt Ion:240 Resp: 211653
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 26.0 20.9 31.3



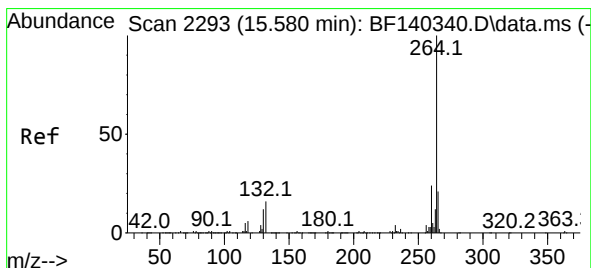
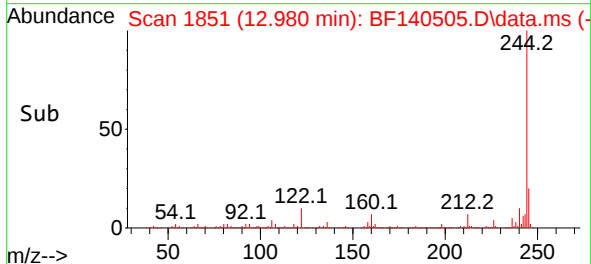
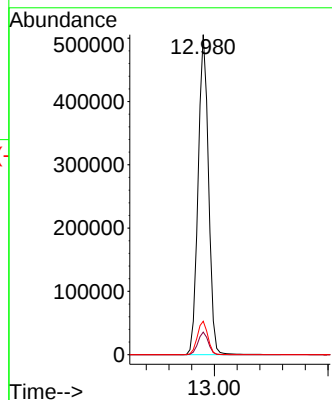


#79
 Terphenyl-d14
 Concen: 52.811 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140505.D
 Acq: 20 Nov 2024 17:51

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 643943
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.023 min
 Lab File: BF140505.D
 Acq: 20 Nov 2024 17:51

Tgt Ion:264 Resp: 208834
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.3 17.1 25.7

