

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140721.D
 Acq On : 03 Dec 2024 19:44
 Operator : RC/JU
 Sample : P5052-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-62

Quant Time: Dec 03 22:15:49 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)

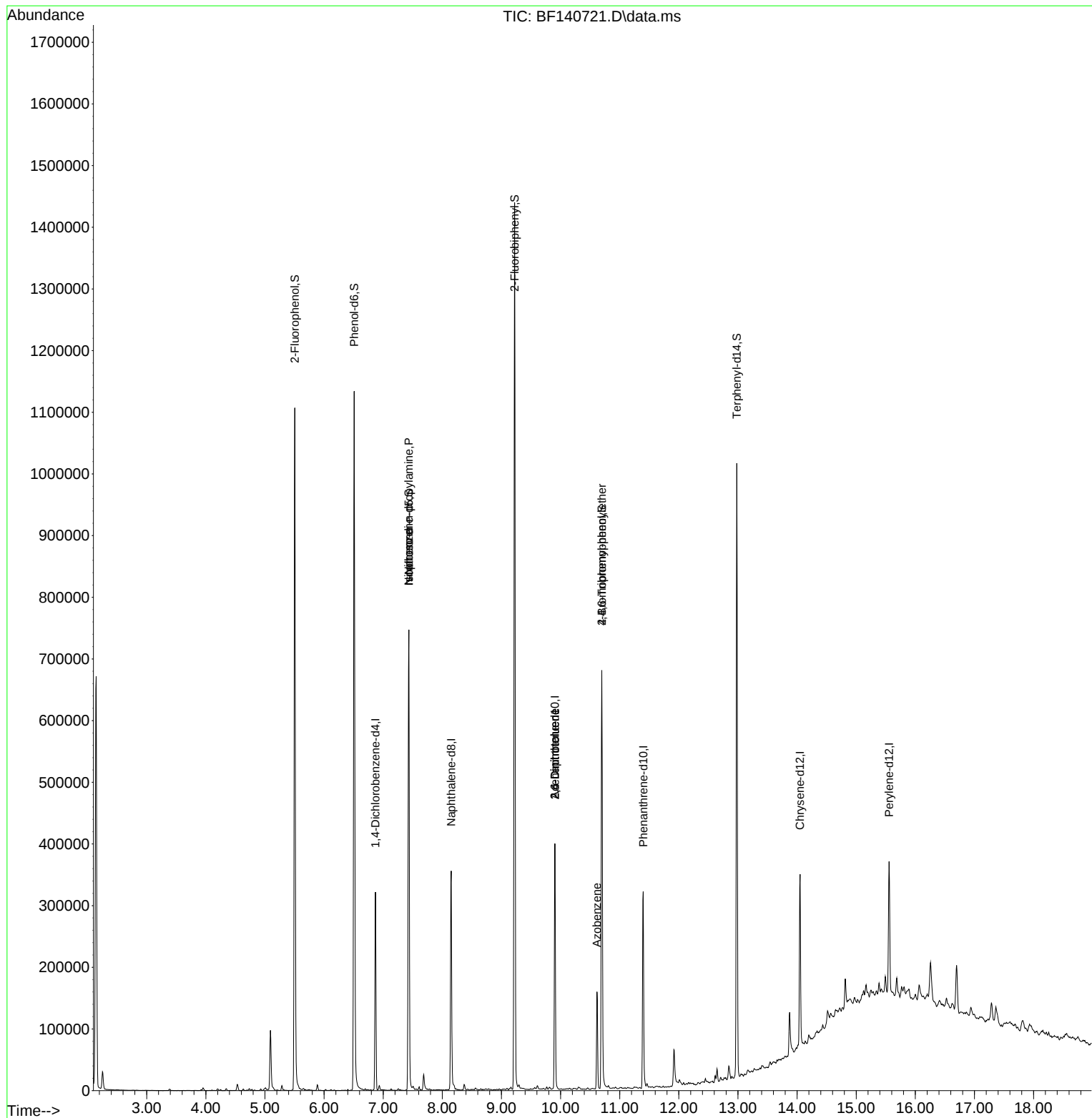
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	66943	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	237484	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	119545	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	183526	20.000	ng	0.00
76) Chrysene-d12	14.051	240	133635	20.000	ng	0.00
86) Perylene-d12	15.557	264	123653	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	422558	107.699	ng	0.00
7) Phenol-d6	6.510	99	537208	103.569	ng	0.00
23) Nitrobenzene-d5	7.434	82	351348	75.675	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	119633	93.570	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	631854	78.751	ng	-0.01
79) Terphenyl-d14	12.980	244	475555	55.412	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	47223	15.405	ng	# 75
25) Isophorone	7.434	82	345855	44.661	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	14884	8.336	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	14884	6.272	ng	# 18
63) Azobenzene	10.616	77	42655	5.631	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	7791	4.122	ng	# 1

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

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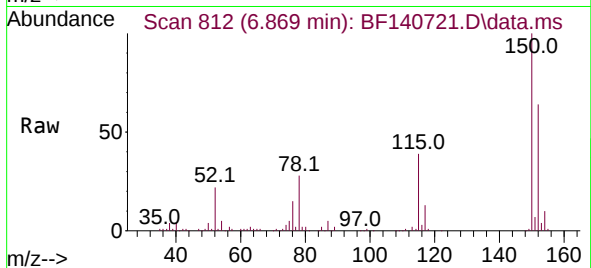
Quant Time: Dec 03 22:15:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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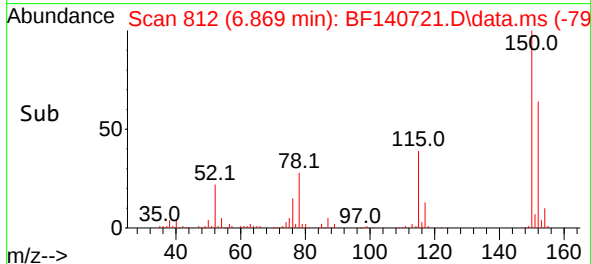
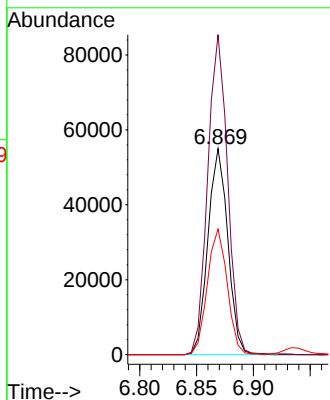


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140721.D
Acq: 03 Dec 2024 19:44

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-62

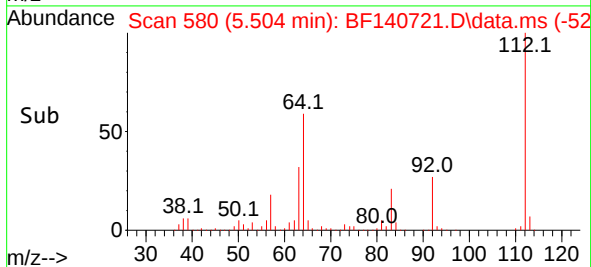
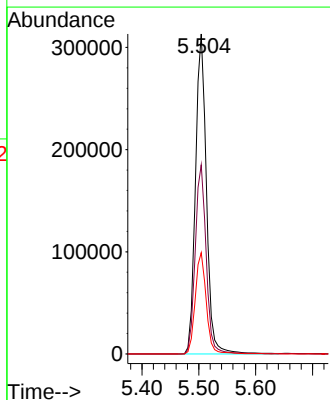
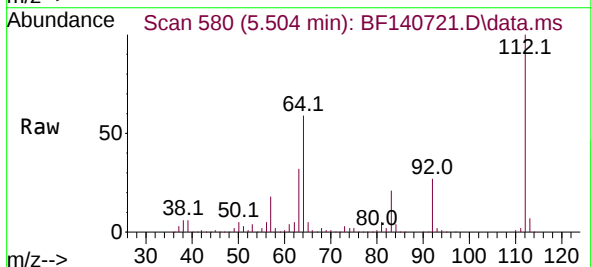


Tgt Ion:152 Resp: 66943
Ion Ratio Lower Upper
152 100
150 155.3 128.5 192.7
115 61.0 50.2 75.4



#5
2-Fluorophenol
Concen: 107.699 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140721.D
Acq: 03 Dec 2024 19:44

Tgt Ion:112 Resp: 422558
Ion Ratio Lower Upper
112 100
64 59.1 49.2 73.8
63 31.7 27.0 40.4

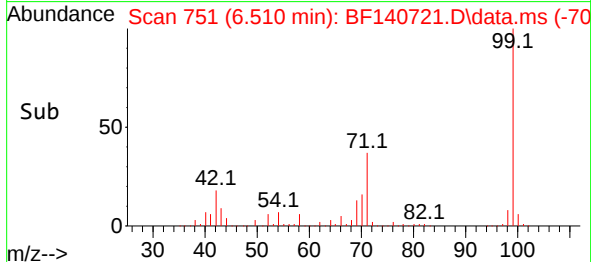
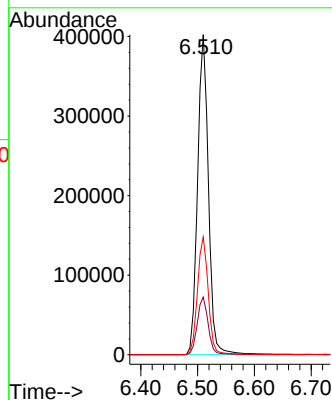
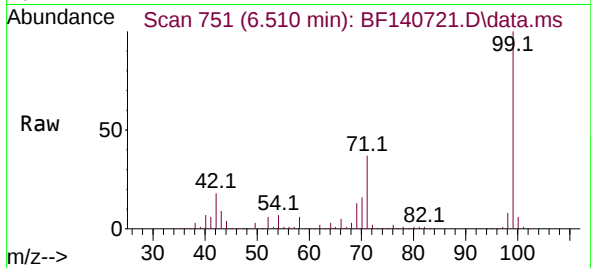




#7
Phenol-d6
Concen: 103.569 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140721.D
Acq: 03 Dec 2024 19:44

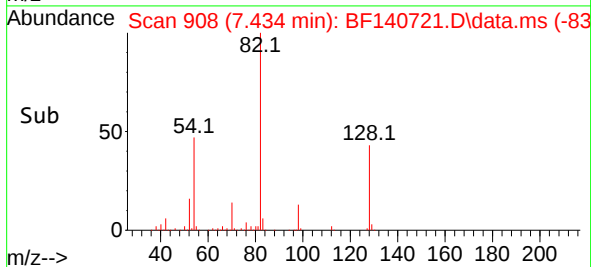
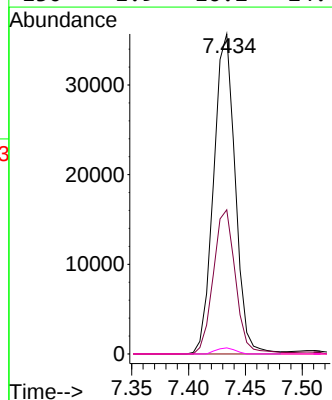
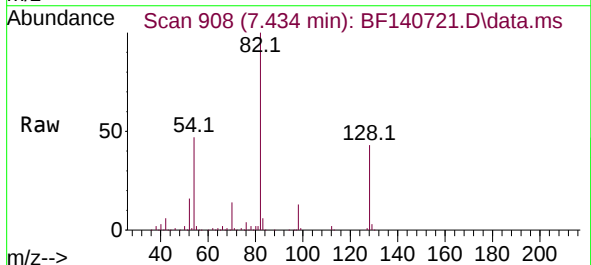
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-62

Tgt Ion: 99 Resp: 537208
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.8 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.405 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140721.D
Acq: 03 Dec 2024 19:44

Tgt Ion: 70 Resp: 47223
Ion Ratio Lower Upper
70 100
42 45.0 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#



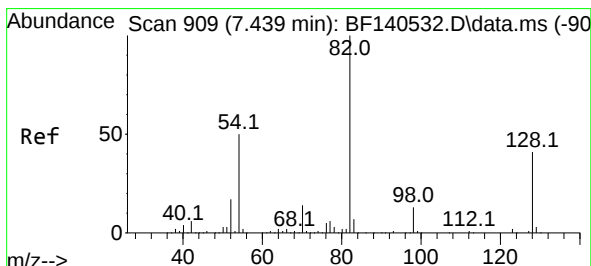
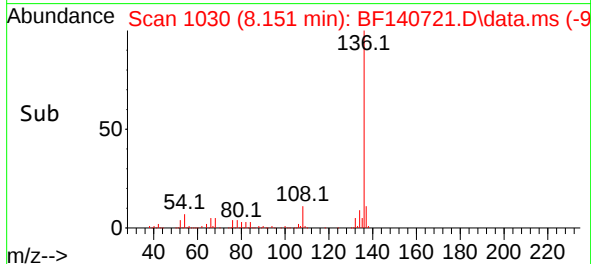
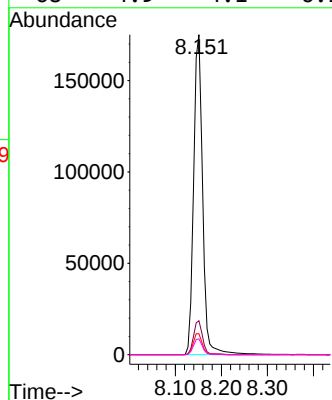
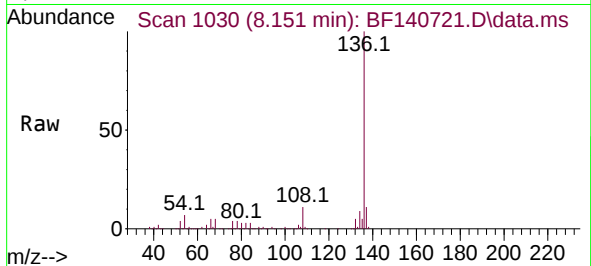


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140721.D
Acq: 03 Dec 2024 19:44

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-62

Tgt Ion:136 Resp: 237484

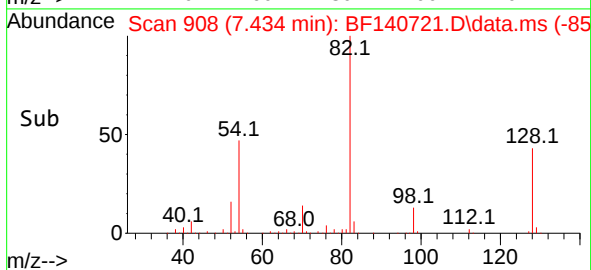
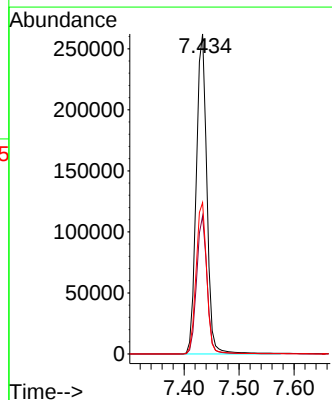
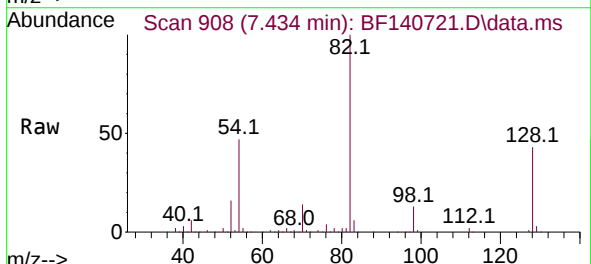
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.6	5.8	8.8
68	4.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 75.675 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140721.D
Acq: 03 Dec 2024 19:44

Tgt Ion: 82 Resp: 351348

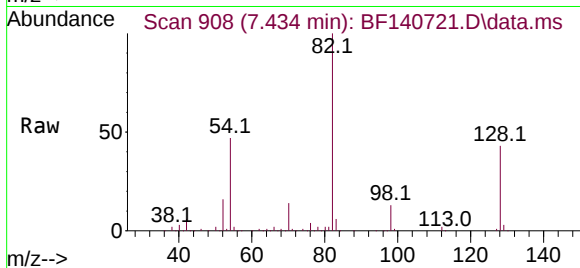
Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.0	49.4
54	47.3	39.5	59.3



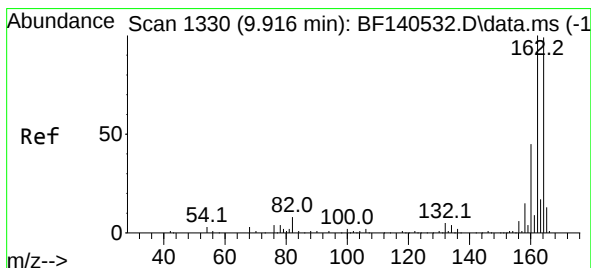
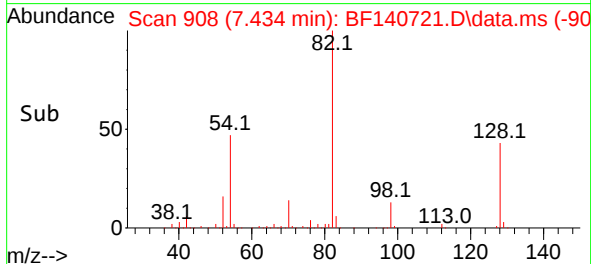
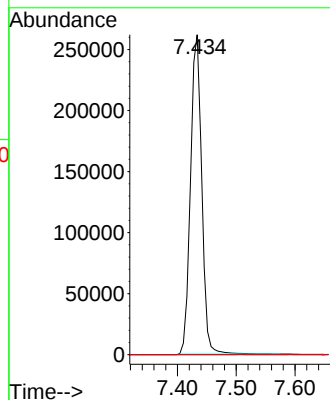


#25
Isophorone
Concen: 44.661 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140721.D
Acq: 03 Dec 2024 19:44

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-62

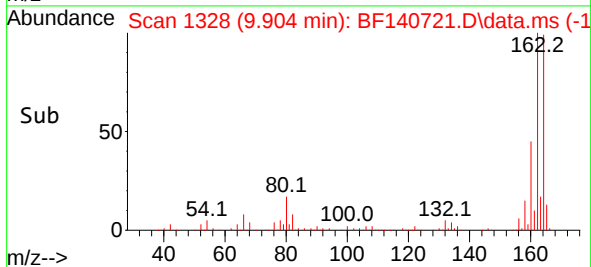
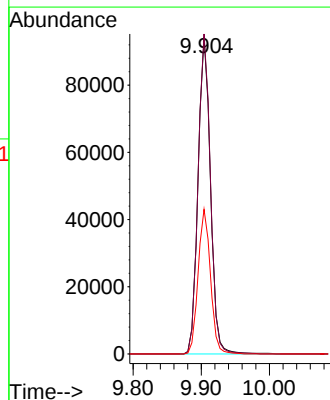
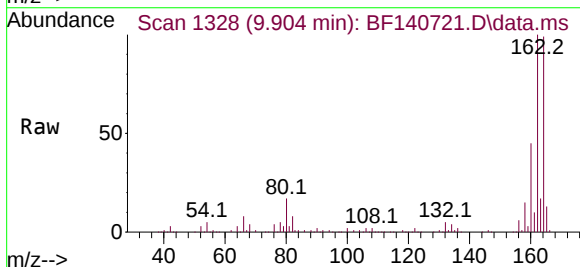


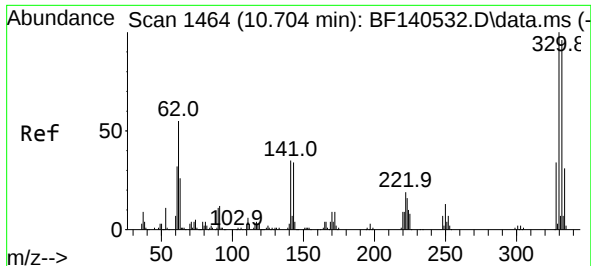
Tgt Ion: 82 Resp: 345855
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140721.D
Acq: 03 Dec 2024 19:44

Tgt Ion:164 Resp: 119545
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 45.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 93.570 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140721.D

Acq: 03 Dec 2024 19:44

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-62

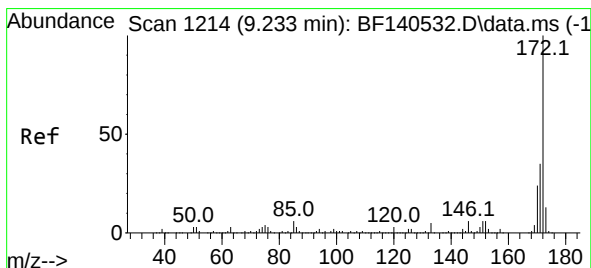
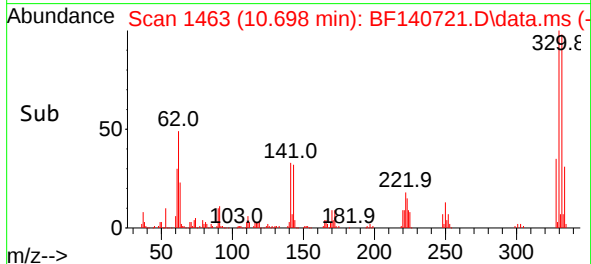
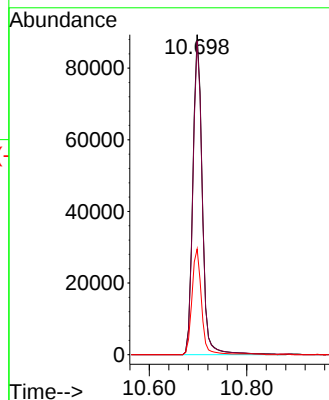
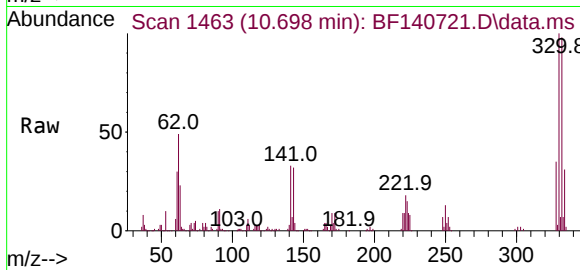
Tgt Ion:330 Resp: 119633

Ion Ratio Lower Upper

330 100

332 98.1 76.9 115.3

141 33.3 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 78.751 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140721.D

Acq: 03 Dec 2024 19:44

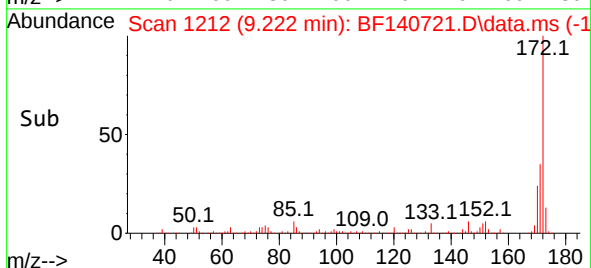
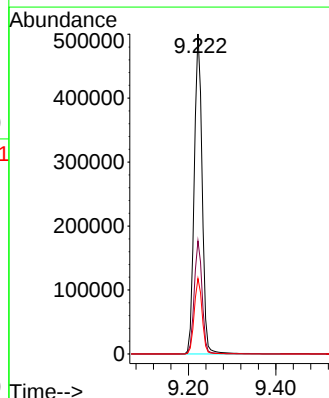
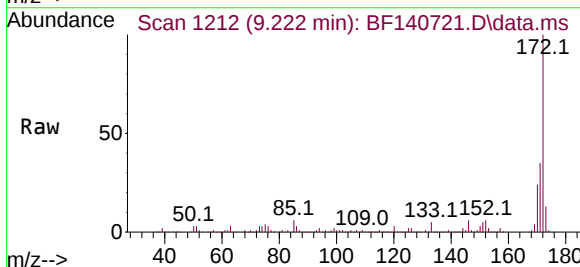
Tgt Ion:172 Resp: 631854

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.6 19.0 28.6

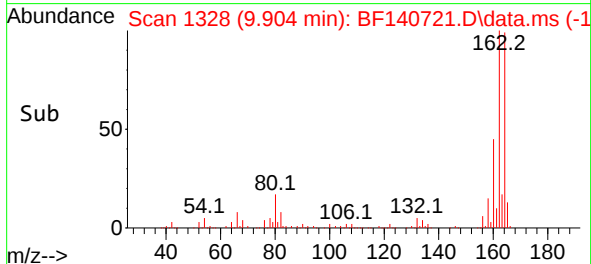
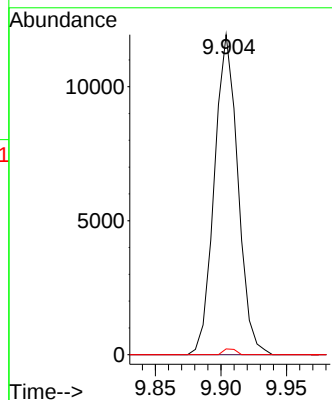
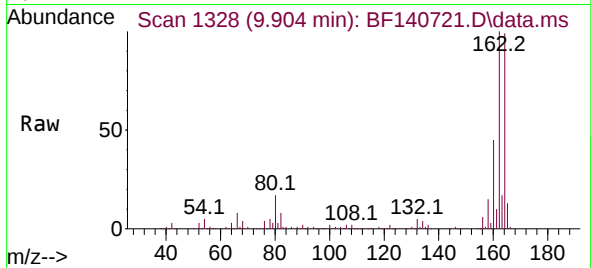




#51
2,6-Dinitrotoluene
Concen: 8.336 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140721.D
Acq: 03 Dec 2024 19:44

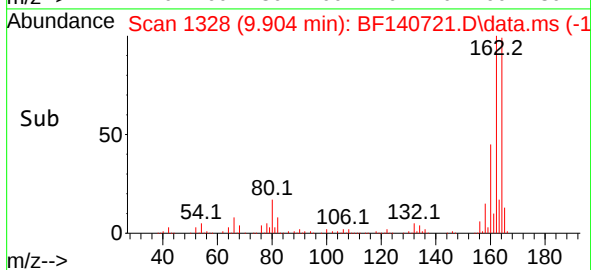
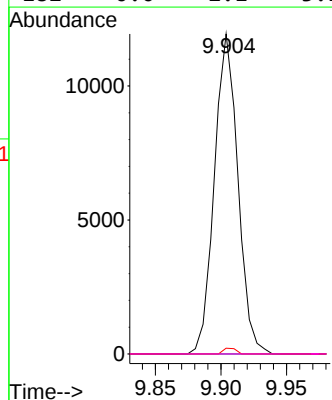
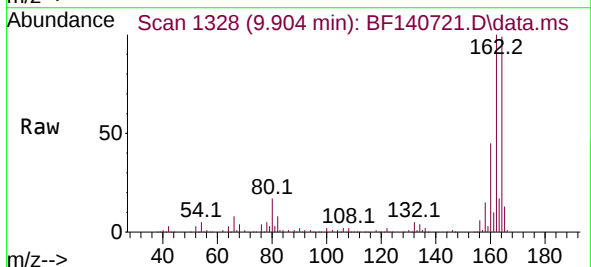
Instrument :
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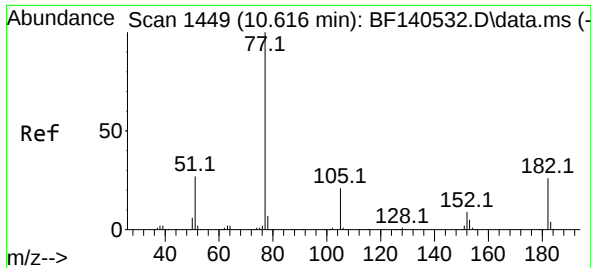
Tgt Ion:165 Resp: 14884
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.8 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.272 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140721.D
Acq: 03 Dec 2024 19:44

Tgt Ion:165 Resp: 14884
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.8 65.8 98.8#
182 0.0 2.1 3.1#

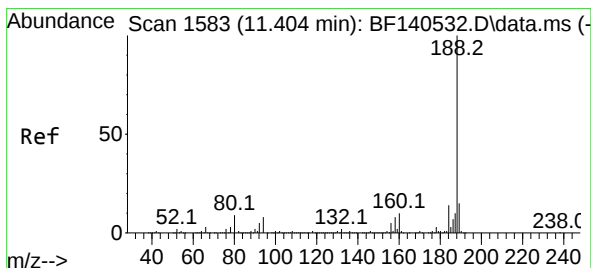
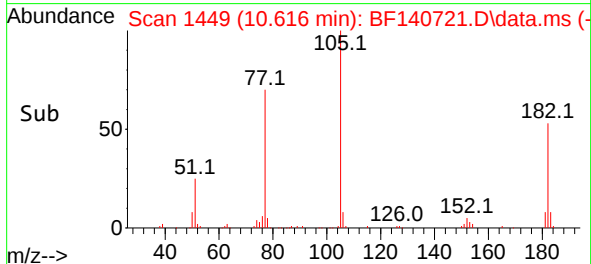
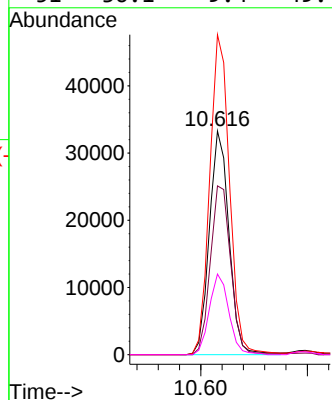
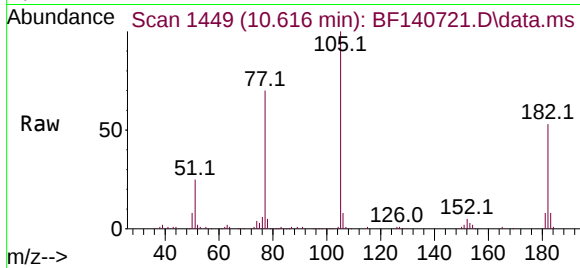




#63
Azobenzene
Concen: 5.631 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140721.D
Acq: 03 Dec 2024 19:44

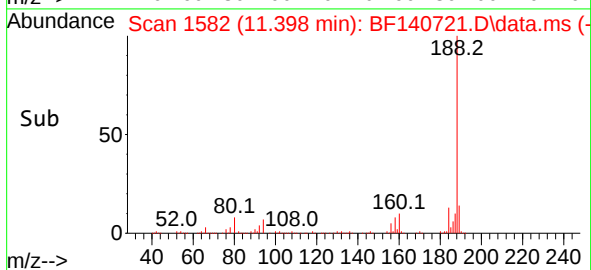
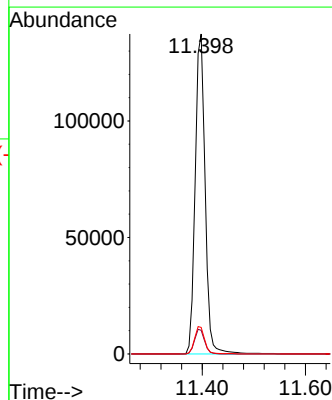
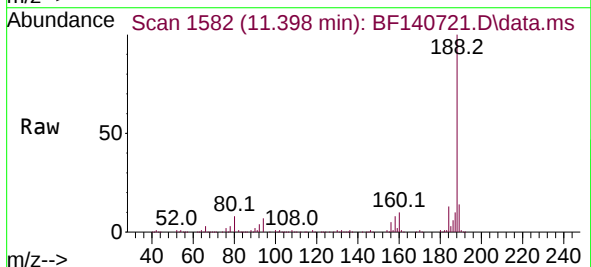
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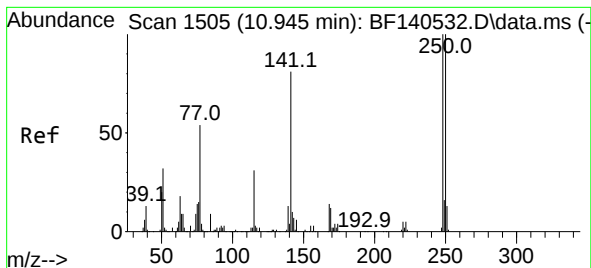
Tgt Ion: 77	Resp: 42655
Ion Ratio	Lower Upper
77 100	
182 75.5	5.3 45.3#
105 143.0	0.3 40.3#
51 36.1	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140721.D
Acq: 03 Dec 2024 19:44

Tgt Ion: 188	Resp: 183526
Ion Ratio	Lower Upper
188 100	
94 7.4	6.4 9.6
80 8.3	6.9 10.3

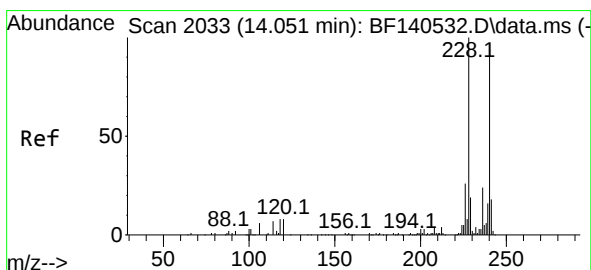
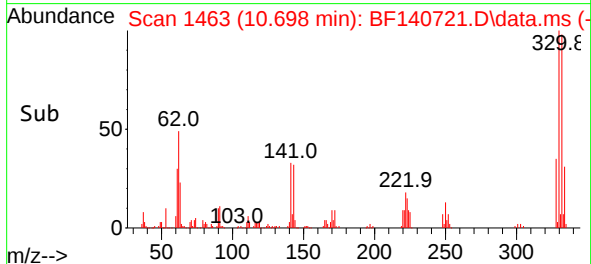
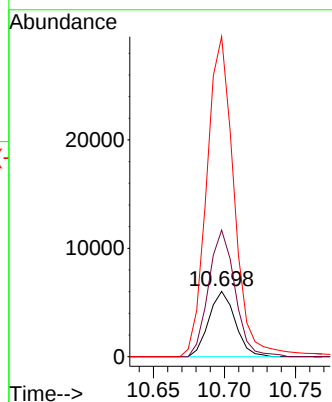
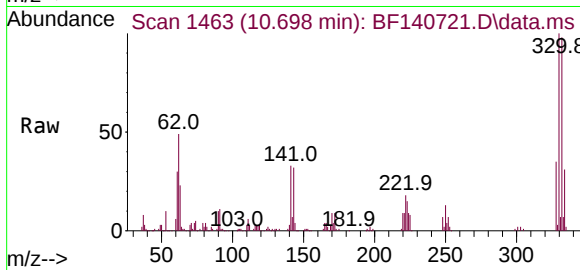




#67
4-Bromophenyl-phenylether
Concen: 4.122 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140721.D
Acq: 03 Dec 2024 19:44

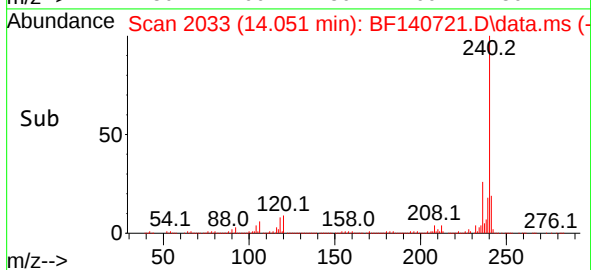
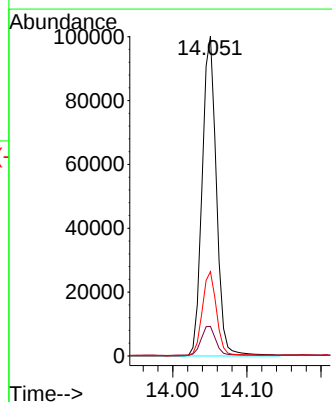
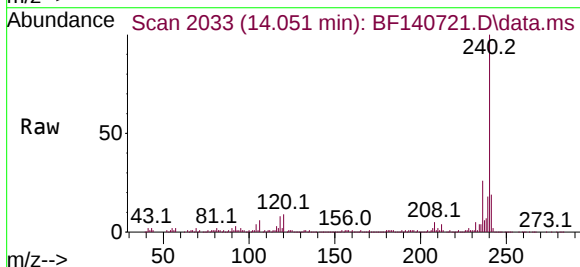
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-62

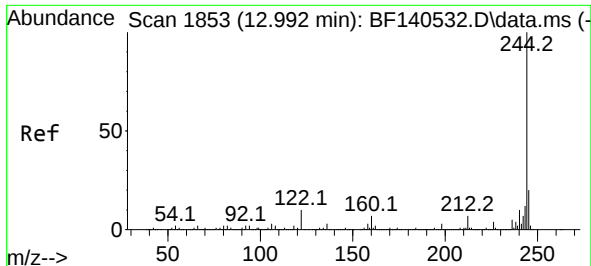
Tgt Ion:248 Resp: 7791
Ion Ratio Lower Upper
248 100
250 193.7 79.8 119.8#
141 489.6 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140721.D
Acq: 03 Dec 2024 19:44

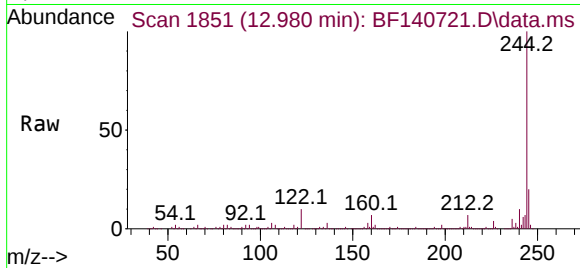
Tgt Ion:240 Resp: 133635
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 26.3 20.6 31.0



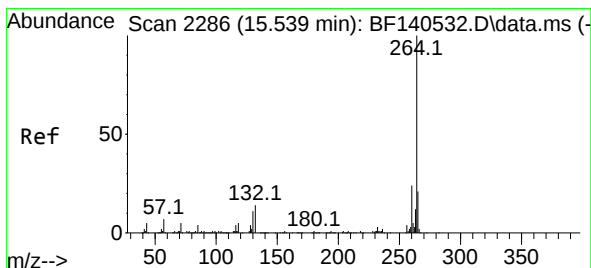
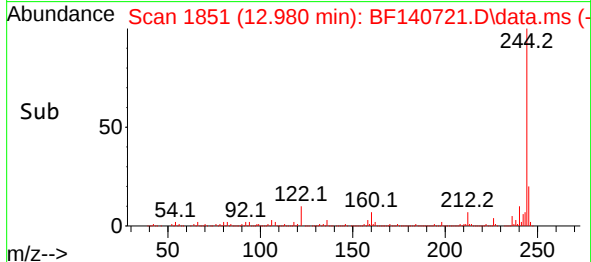
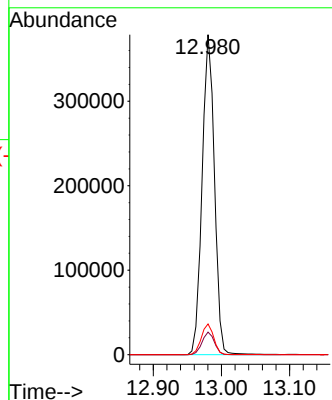


#79
 Terphenyl-d14
 Concen: 55.412 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140721.D
 Acq: 03 Dec 2024 19:44

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-62



Tgt Ion:244 Resp: 475555
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2289
 Delta R.T. 0.018 min
 Lab File: BF140721.D
 Acq: 03 Dec 2024 19:44

Tgt Ion:264 Resp: 123653
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.6
 265 21.5 16.6 25.0

