

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140749.D
 Acq On : 05 Dec 2024 15:34
 Operator : RC/JU
 Sample : P5052-20RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-63RE

Quant Time: Dec 05 15:57:26 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)

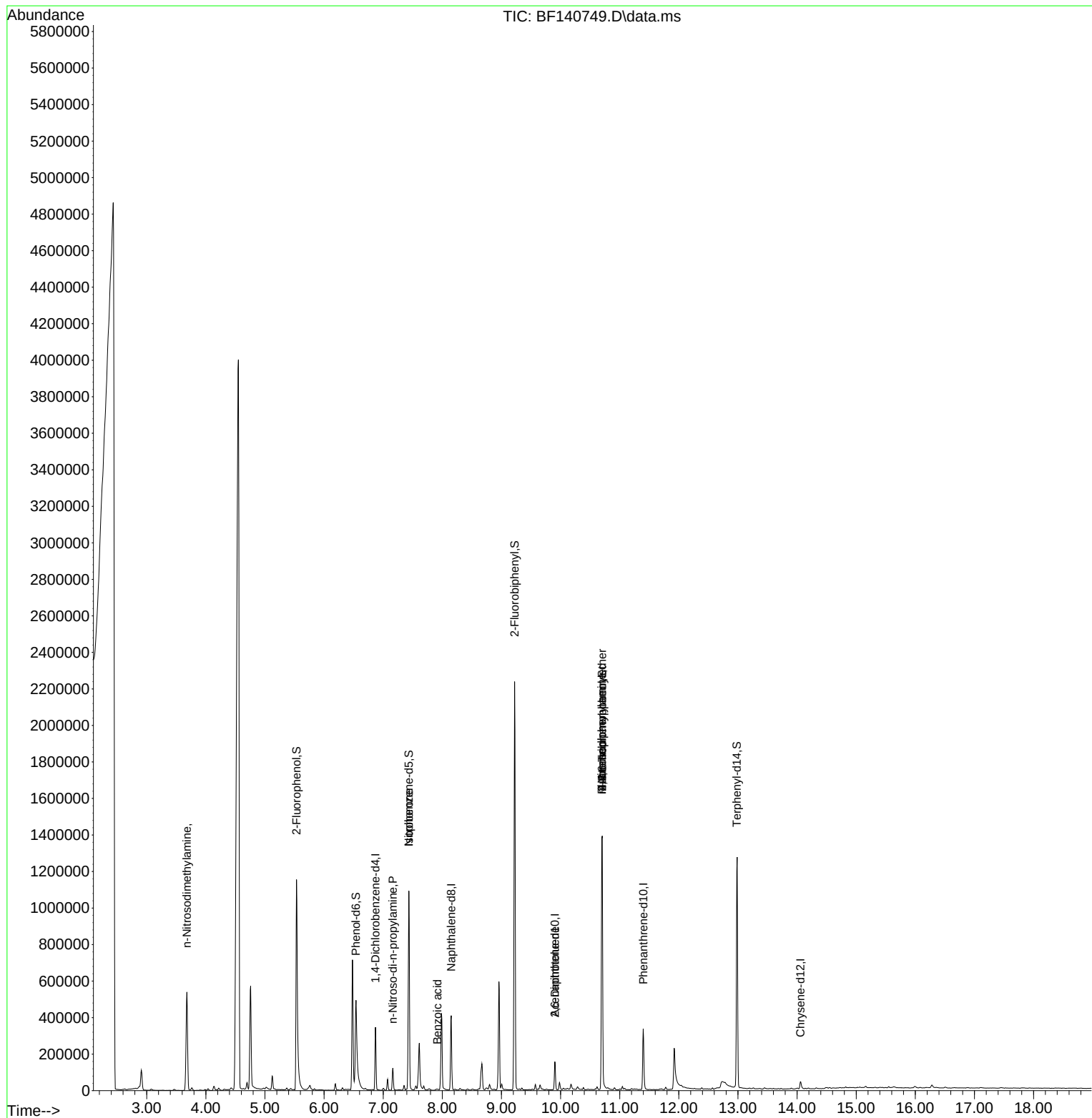
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	71425	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	243288	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	33168	20.000	ng	#-0.01
64) Phenanthrene-d10	11.398	188	123062	20.000	ng	0.00
76) Chrysene-d12	14.057	240	12365	20.000	ng	# 0.00
86) Perylene-d12	0.000	264	0	0.000	ng	-15.54
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	571310	136.475	ng	0.04
7) Phenol-d6	6.539	99	217055	39.220	ng	0.02
23) Nitrobenzene-d5	7.433	82	509343	107.087	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	260943	735.602	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1004667	451.307	ng	-0.01
79) Terphenyl-d14	12.980	244	401607	505.746	ng	-0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.681	42	16696	7.336	ng	# 1
19) n-Nitroso-di-n-propyla...	7.163	70	6750	2.064	ng	# 47
25) Isophorone	7.433	82	504774	63.628	ng	# 66
32) Benzoic acid	7.916	122	1825	7.876	ng	92
51) 2,6-Dinitrotoluene	9.904	165	4062	8.199	ng	# 28
58) Fluorene	10.698	166	9657	4.379	ng	# 89
66) n-Nitrosodiphenylamine	10.698	169	8067	2.217	ng	# 47
67) 4-Bromophenyl-phenylether	10.704	248	16675	13.157	ng	# 1

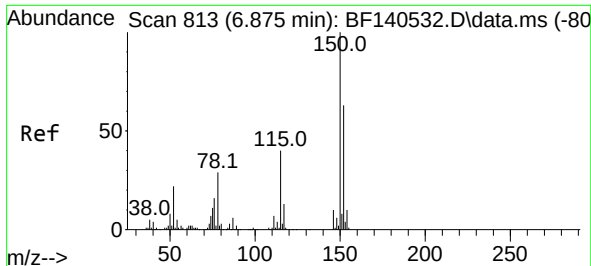
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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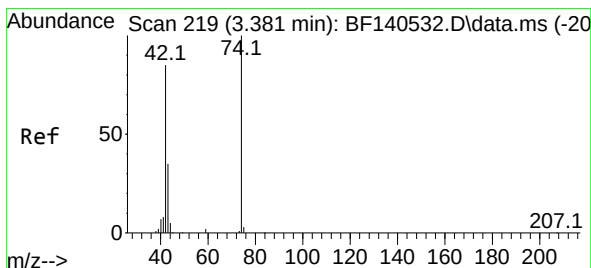
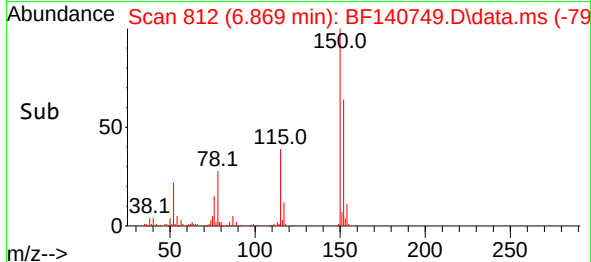
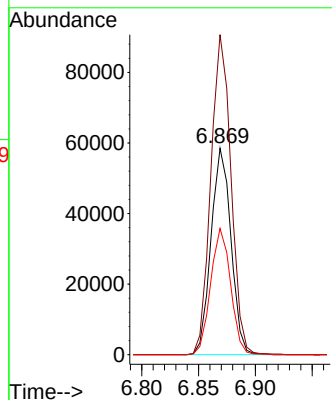
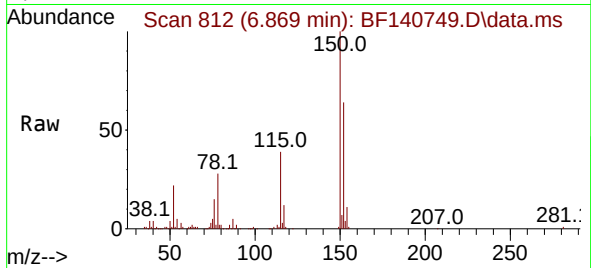




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

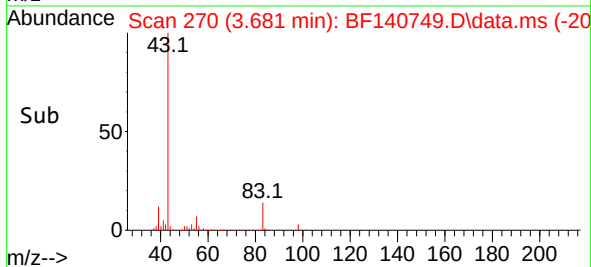
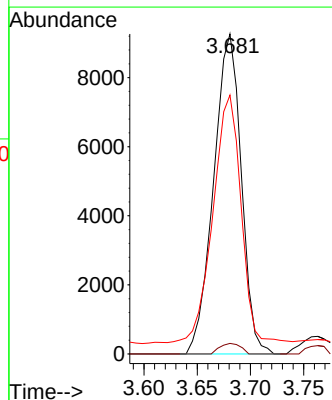
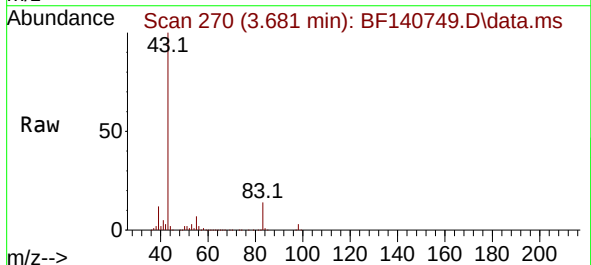
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63RE

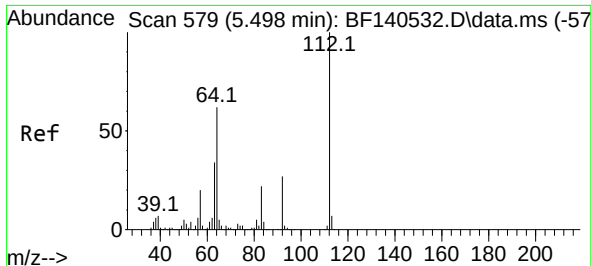
Tgt Ion:152 Resp: 71425
Ion Ratio Lower Upper
152 100
150 155.1 128.5 192.7
115 61.1 50.2 75.4



#4
n-Nitrosodimethylamine
Concen: 7.336 ng
RT: 3.681 min Scan# 270
Delta R.T. 0.300 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

Tgt Ion: 42 Resp: 16696
Ion Ratio Lower Upper
42 100
74 3.3 93.8 140.6#
44 80.9 4.6 6.8#

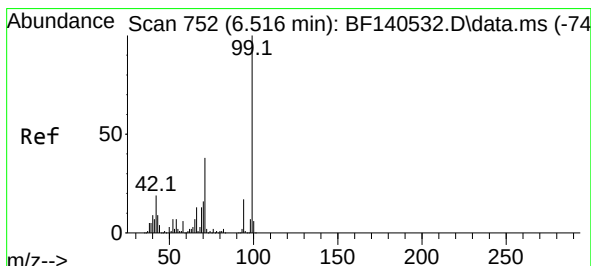
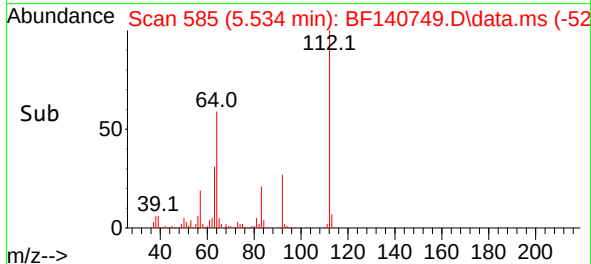
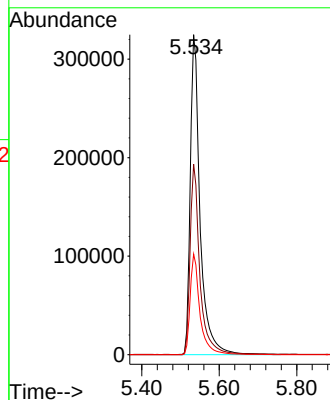
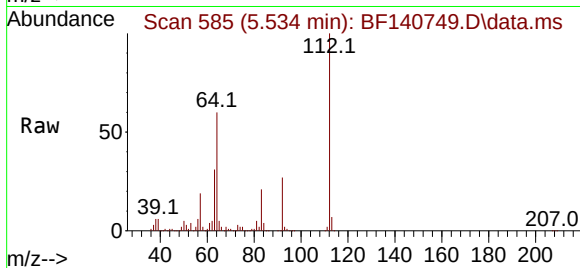




#5
2-Fluorophenol
Concen: 136.475 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.035 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

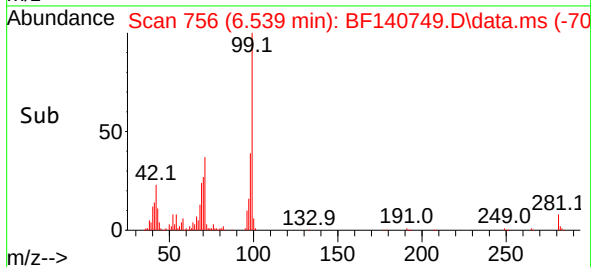
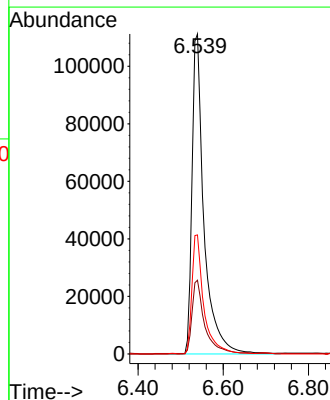
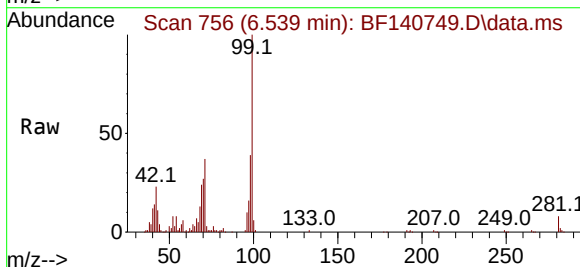
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63RE

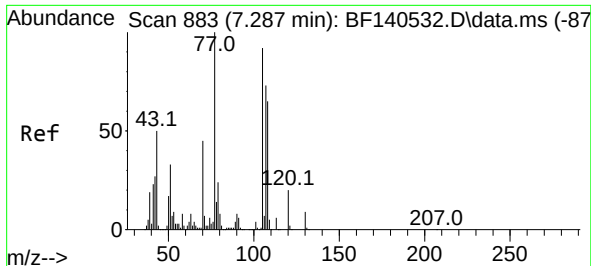
Tgt Ion:112 Resp: 571310
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 31.5 27.0 40.4



#7
Phenol-d6
Concen: 39.220 ng
RT: 6.539 min Scan# 756
Delta R.T. 0.023 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

Tgt Ion: 99 Resp: 217055
Ion Ratio Lower Upper
99 100
42 23.1 15.4 23.0#
71 37.2 30.6 46.0

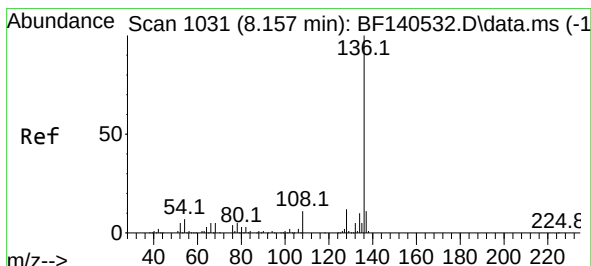
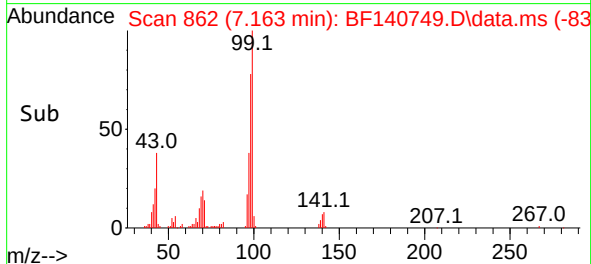
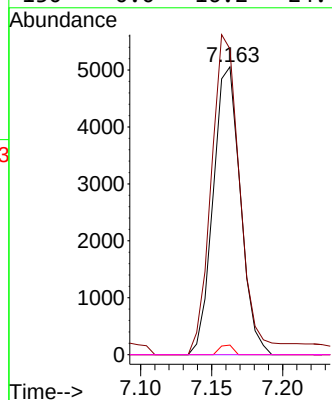
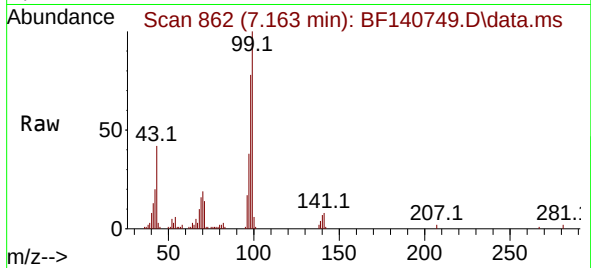




#19
n-Nitroso-di-n-propylamine
Concen: 2.064 ng
RT: 7.163 min Scan# 80
Delta R.T. -0.124 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

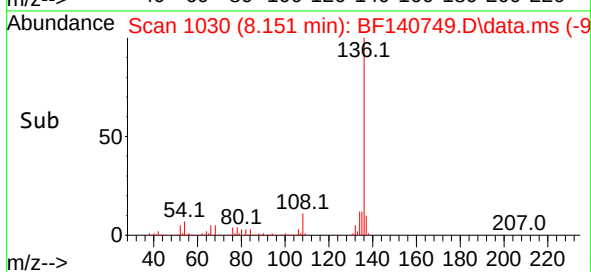
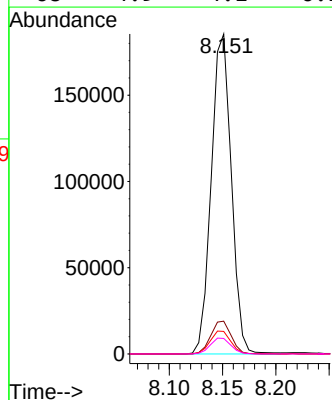
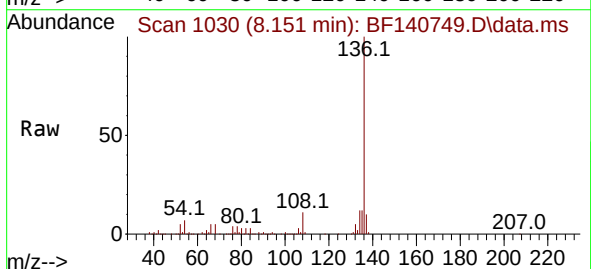
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63RE

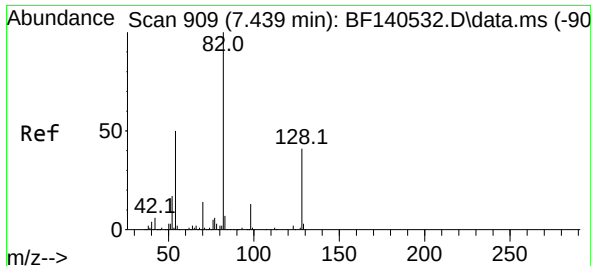
Tgt Ion: 70 Resp: 6750
Ion Ratio Lower Upper
70 100
42 106.2 47.6 71.4#
101 3.3 7.6 11.4#
130 0.0 16.2 24.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

Tgt Ion: 136 Resp: 243288
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 7.1 5.8 8.8
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 107.087 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140749.D

Acq: 05 Dec 2024 15:34

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63RE

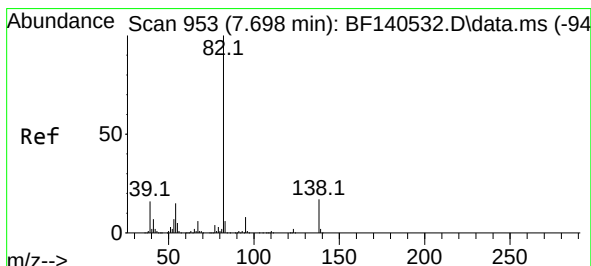
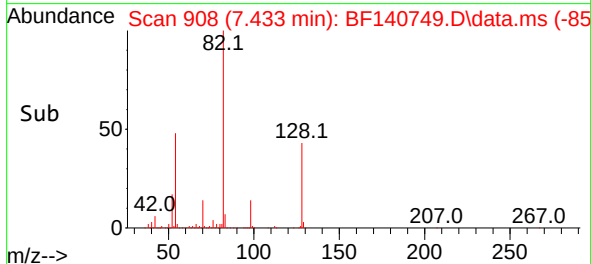
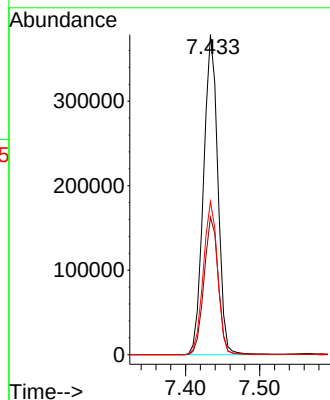
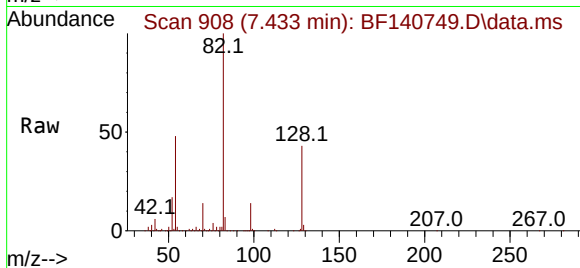
Tgt Ion: 82 Resp: 509343

Ion Ratio Lower Upper

82 100

128 42.9 33.0 49.4

54 47.9 39.5 59.3



#25

Isophorone

Concen: 63.628 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.265 min

Lab File: BF140749.D

Acq: 05 Dec 2024 15:34

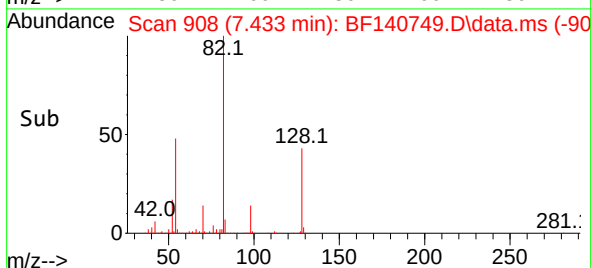
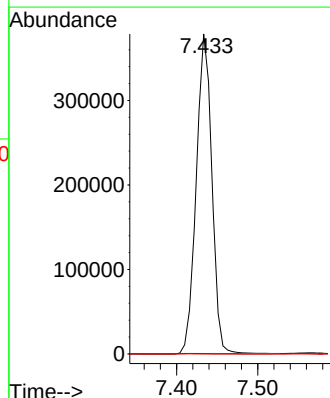
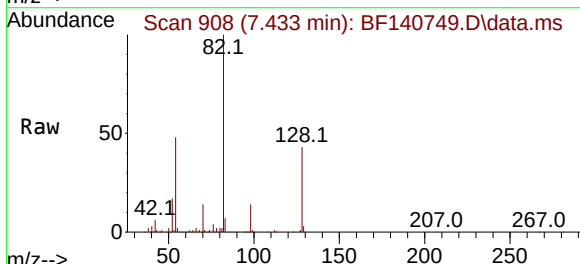
Tgt Ion: 82 Resp: 504774

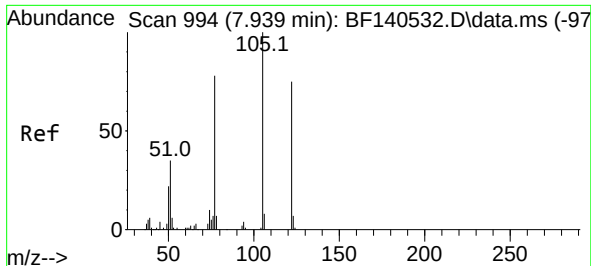
Ion Ratio Lower Upper

82 100

95 0.1 6.4 9.6#

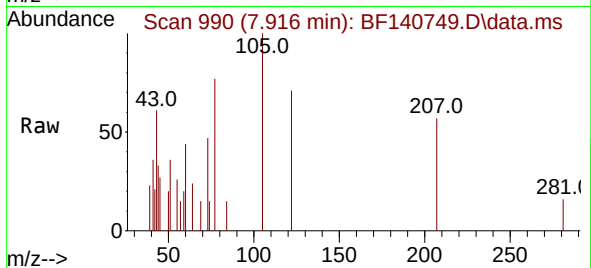
138 0.0 13.8 20.6#



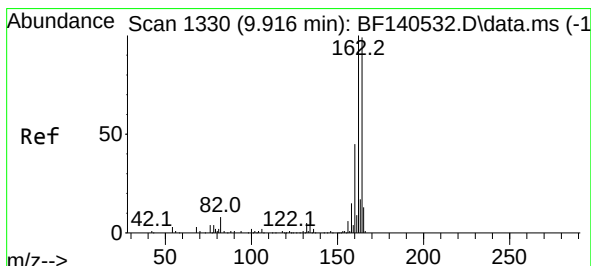
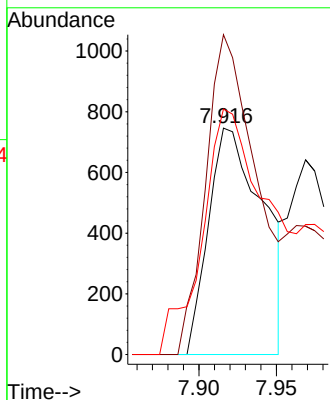
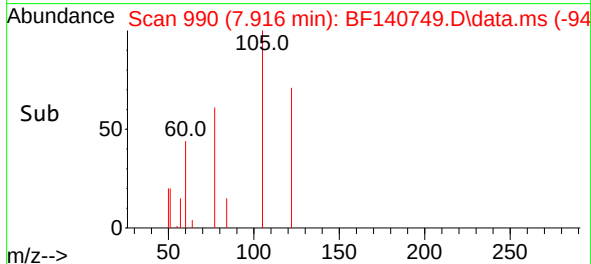


#32
Benzoic acid
Concen: 7.876 ng
RT: 7.916 min Scan# 91
Delta R.T. -0.023 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63RE

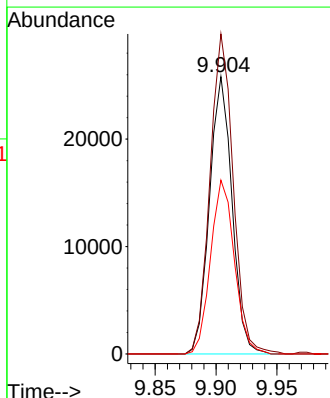
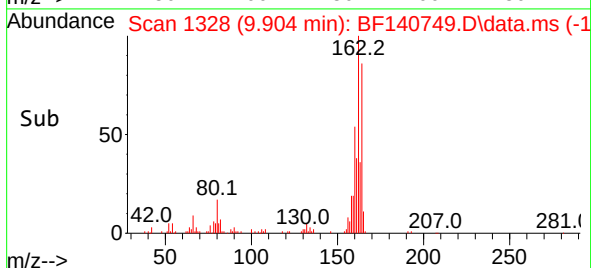
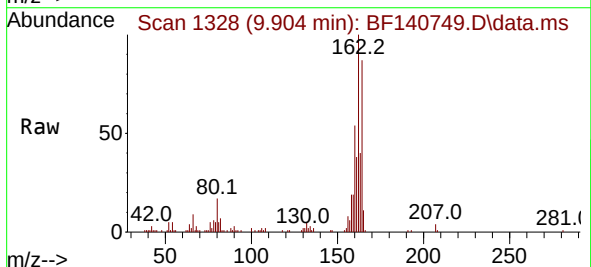


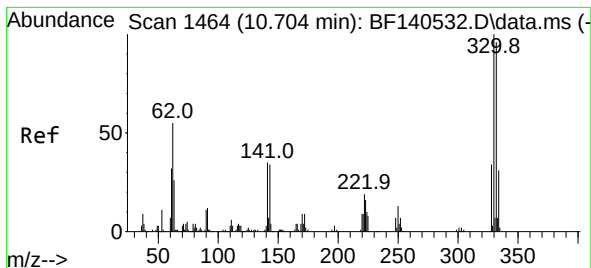
Tgt Ion:122 Resp: 1825
Ion Ratio Lower Upper
122 100
105 141.3 109.3 149.3
77 108.4 82.3 122.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

Tgt Ion:164 Resp: 33168
Ion Ratio Lower Upper
164 100
162 115.4 80.6 120.8
160 62.7 36.2 54.4#





#42

2,4,6-Tribromophenol

Concen: 735.602 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140749.D

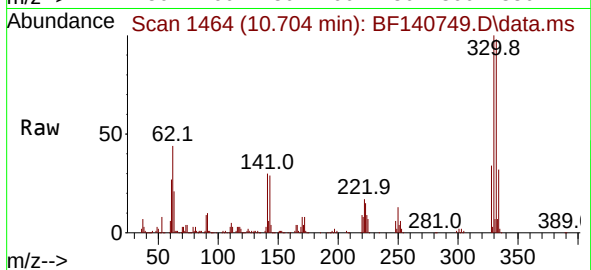
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Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63RE



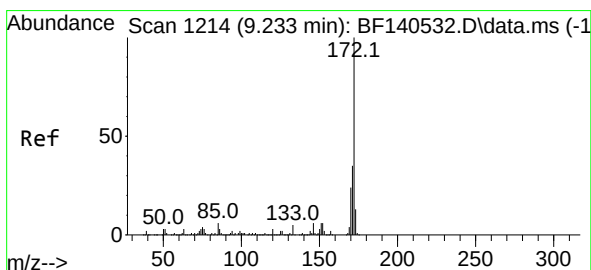
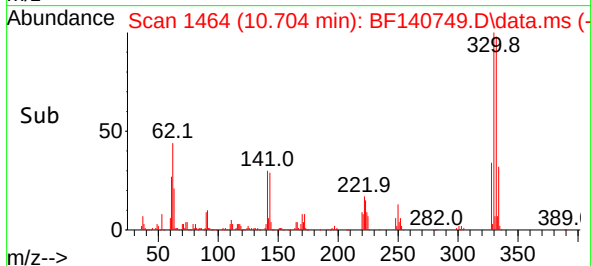
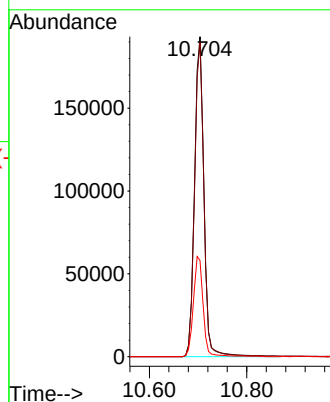
Tgt Ion:330 Resp: 260943

Ion Ratio Lower Upper

330 100

332 97.6 76.9 115.3

141 32.5 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 451.307 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140749.D

Acq: 05 Dec 2024 15:34

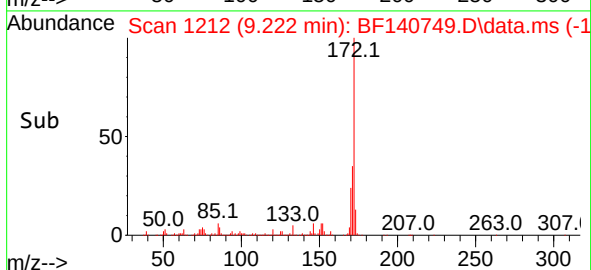
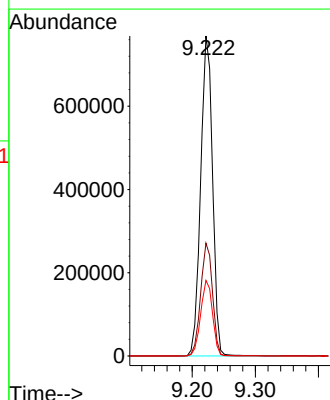
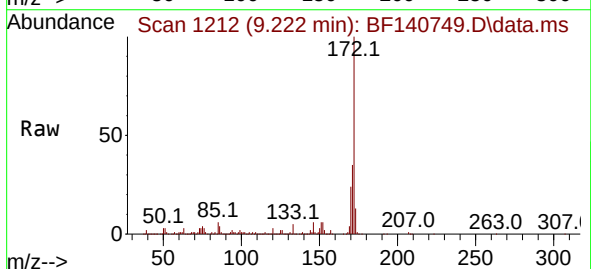
Tgt Ion:172 Resp: 1004667

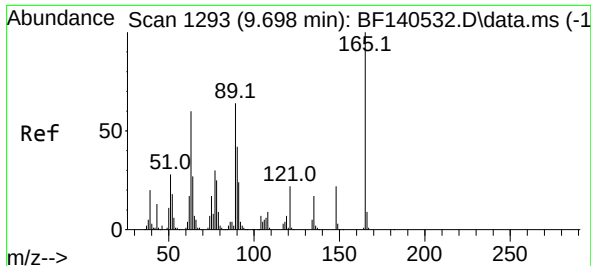
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.6 19.0 28.6

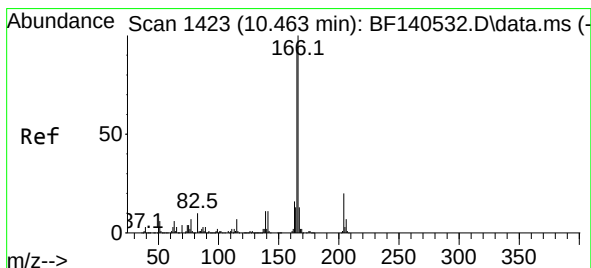
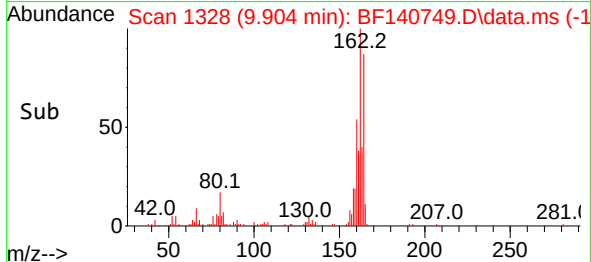
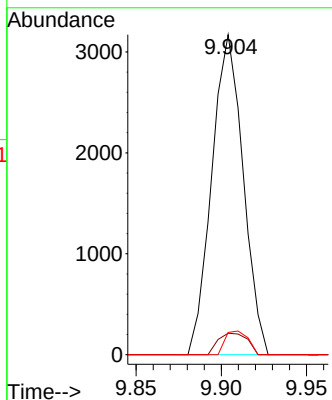
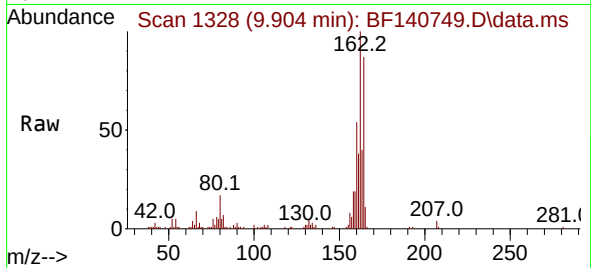




#51
2,6-Dinitrotoluene
Concen: 8.199 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

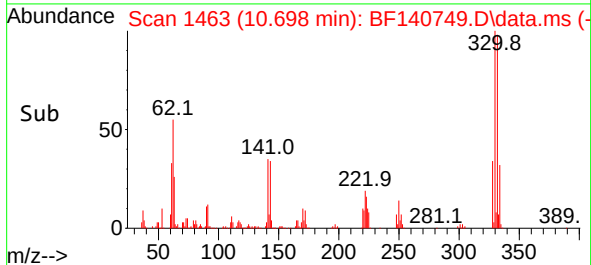
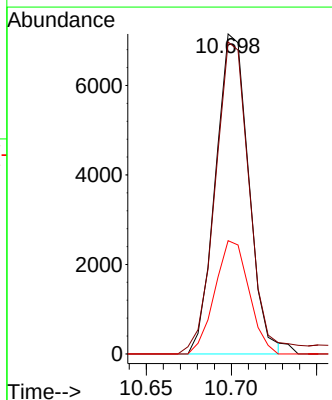
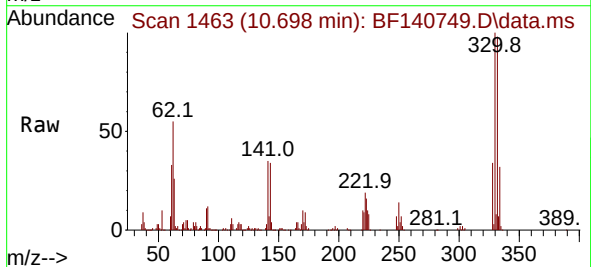
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63RE

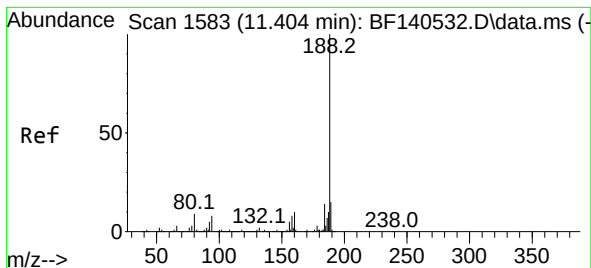
Tgt Ion:165 Resp: 4062
Ion Ratio Lower Upper
165 100
63 6.7 49.9 74.9#
89 7.0 50.9 76.3#



#58
Fluorene
Concen: 4.379 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.235 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

Tgt Ion:166 Resp: 9657
Ion Ratio Lower Upper
166 100
165 97.5 74.6 111.8
167 35.4 10.6 16.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140749.D

Acq: 05 Dec 2024 15:34

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63RE

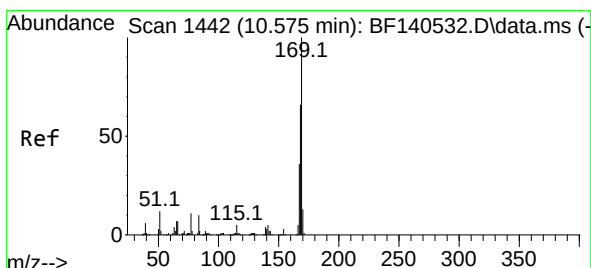
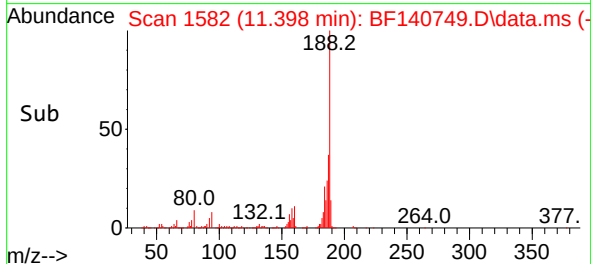
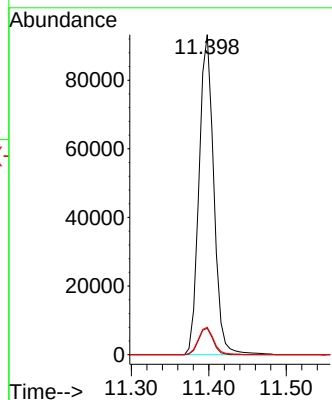
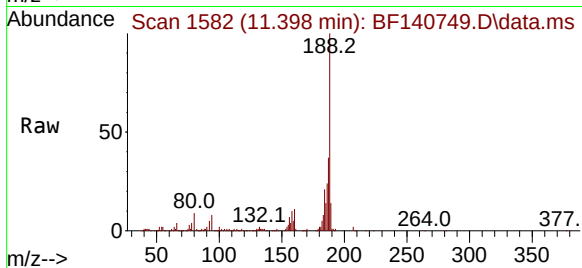
Tgt Ion:188 Resp: 123062

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 8.6 6.9 10.3



#66

n-Nitrosodiphenylamine

Concen: 2.217 ng

RT: 10.698 min Scan# 1463

Delta R.T. 0.123 min

Lab File: BF140749.D

Acq: 05 Dec 2024 15:34

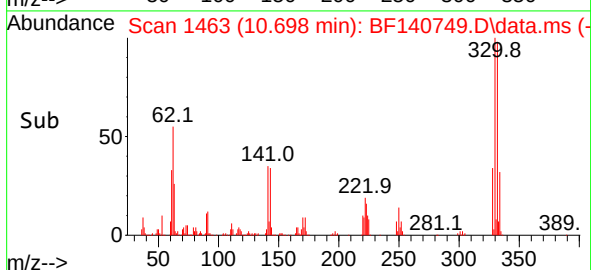
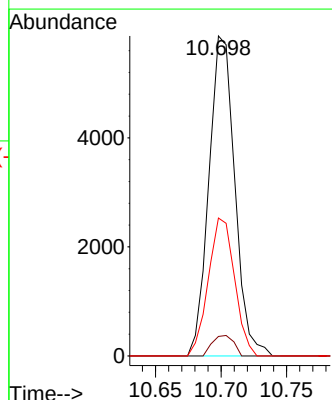
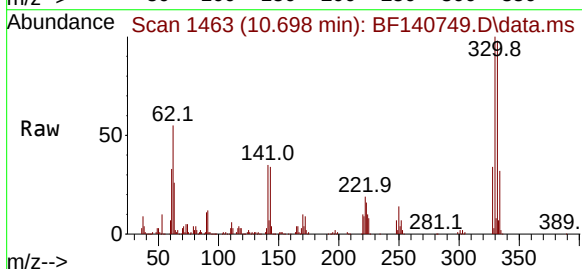
Tgt Ion:169 Resp: 8067

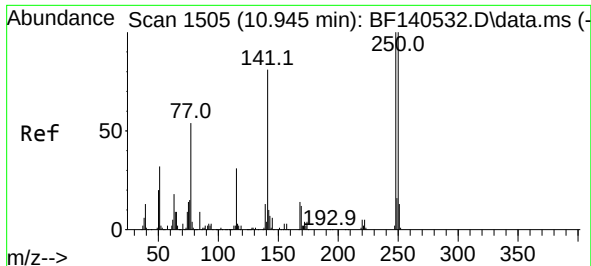
Ion Ratio Lower Upper

169 100

168 6.1 53.2 79.8#

167 43.1 29.0 43.6

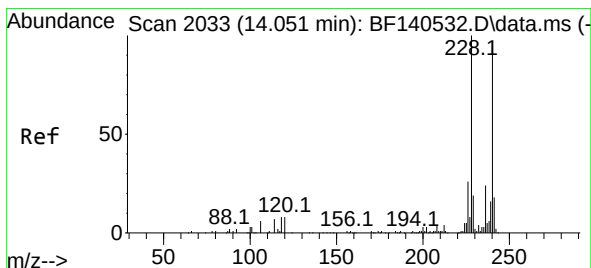
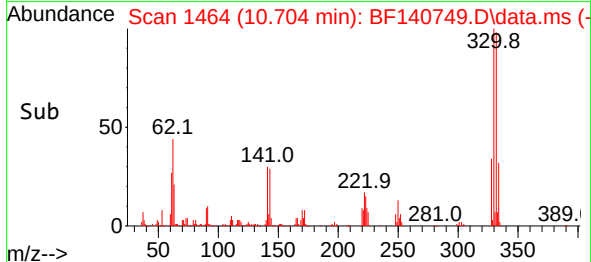
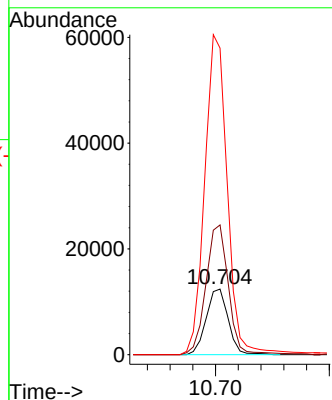
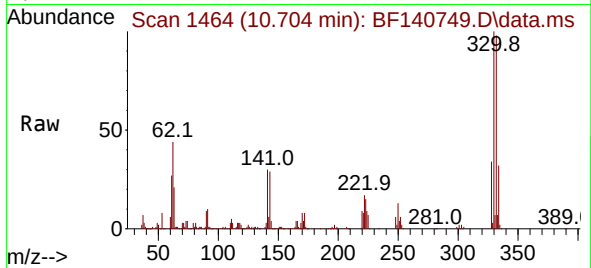




#67
4-Bromophenyl-phenylether
Concen: 13.157 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

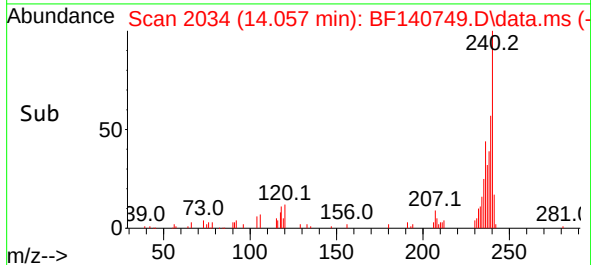
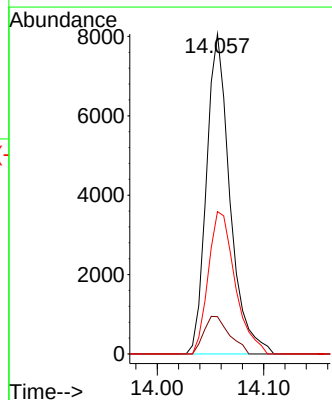
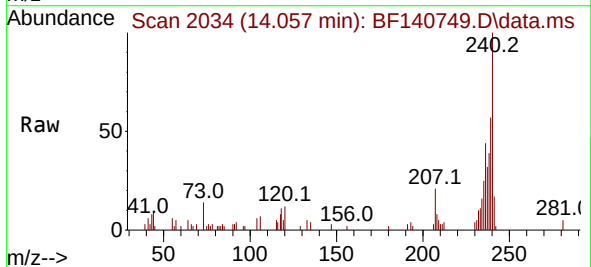
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63RE

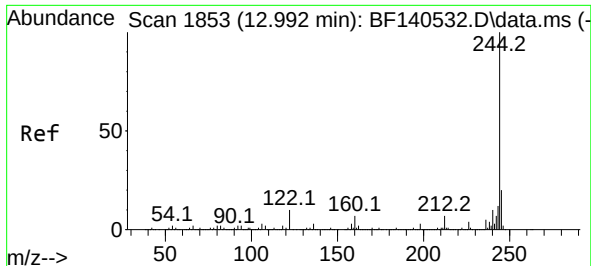
Tgt Ion:248 Resp: 16675
Ion Ratio Lower Upper
248 100
250 197.8 79.8 119.8#
141 467.5 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

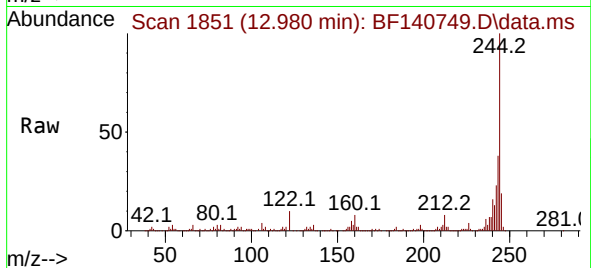
Tgt Ion:240 Resp: 12365
Ion Ratio Lower Upper
240 100
120 11.6 7.3 10.9#
236 44.5 20.6 31.0#



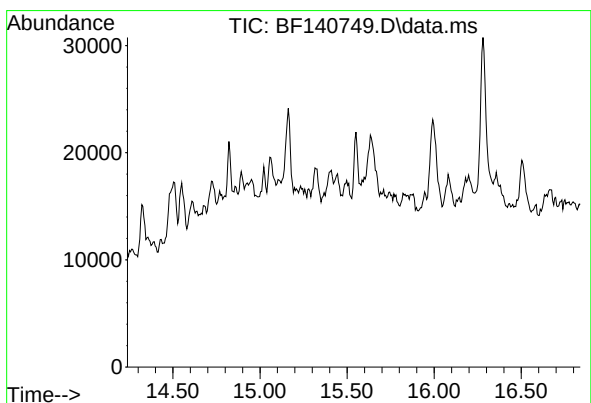
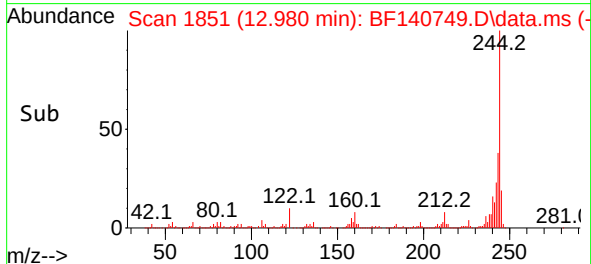
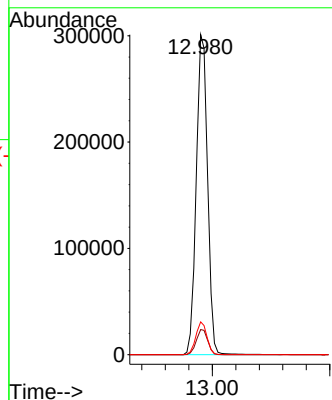


#79
 Terphenyl-d14
 Concen: 505.746 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF140749.D
 Acq: 05 Dec 2024 15:34

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-63RE



Tgt Ion:244 Resp: 401607
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 10.2 8.0 12.0



#86
 Perylene-d12
 Concen: 0.000 ng
 Expected RT: 15.54 min

Lab File: BF140749.D
 Acq: 05 Dec 2024 15:34

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 23.8
 265 20.8

