

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140732.D
 Acq On : 04 Dec 2024 17:46
 Operator : RC/JU
 Sample : P5052-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 05 00:05:56 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

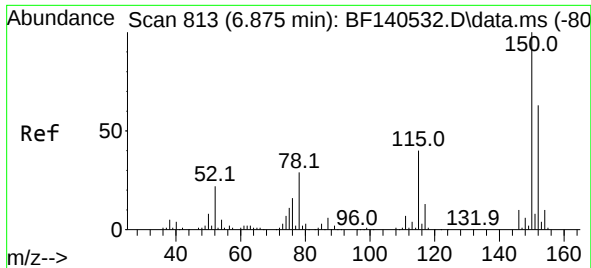
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	75092	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	286753	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	164360	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	320055	20.000	ng	0.00
76) Chrysene-d12	14.051	240	196521	20.000	ng	0.00
86) Perylene-d12	15.562	264	153659	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	596374	135.506	ng	0.02
7) Phenol-d6	6.510	99	744440	127.947	ng	0.00
23) Nitrobenzene-d5	7.434	82	508097	90.633	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	258602	147.113	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	981748	88.997	ng	-0.01
79) Terphenyl-d14	12.986	244	1144252	90.665	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	67897	19.745	ng	# 77
25) Isophorone	7.434	82	508089	54.338	ng	# 66
27) 2,4-Dimethylphenol	7.934	122	10366	3.374	ng	# 1
32) Benzoic acid	7.934	122	10366	10.488	ng	94
51) 2,6-Dinitrotoluene	9.904	165	21405	8.719	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	21405	6.560	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	16043	4.867	ng	# 1

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

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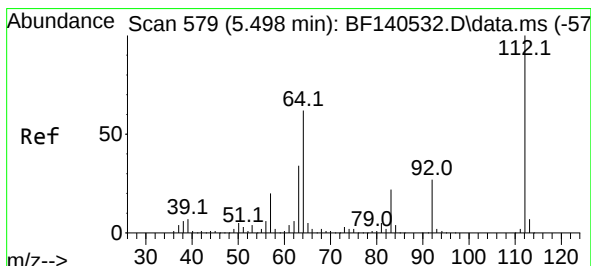
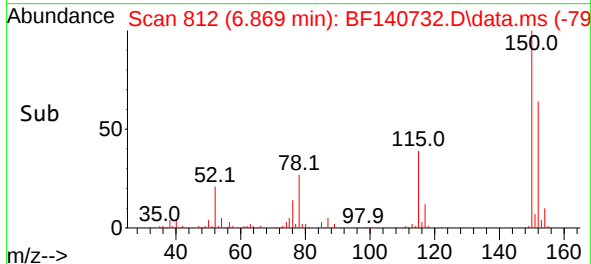
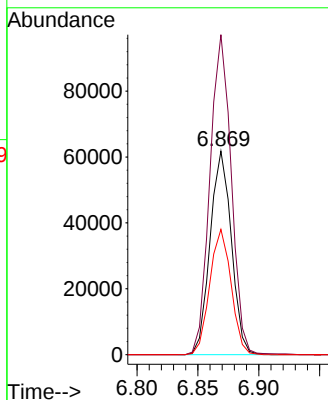
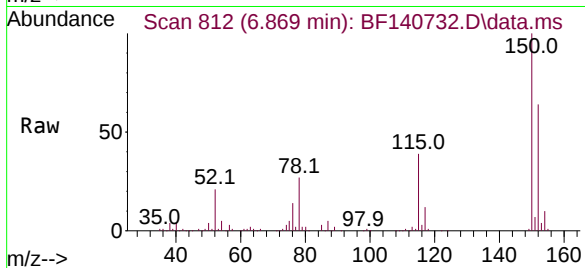




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

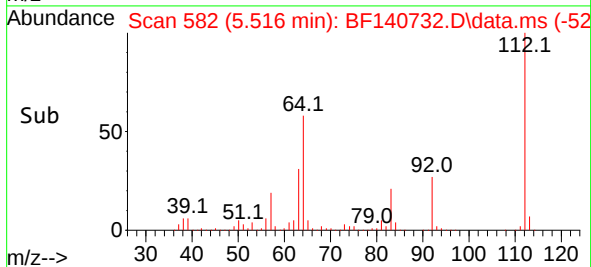
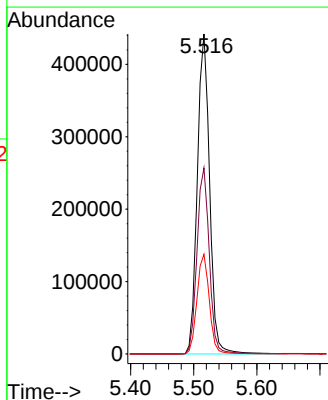
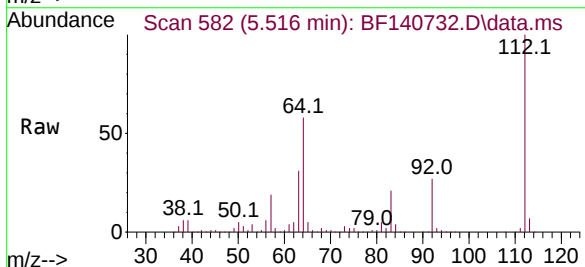
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-62

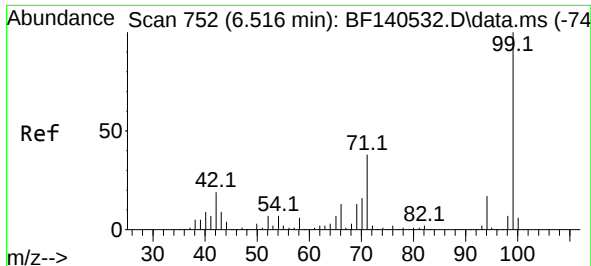
Tgt Ion:152 Resp: 75092
Ion Ratio Lower Upper
152 100
150 157.2 128.5 192.7
115 61.6 50.2 75.4



#5
2-Fluorophenol
Concen: 135.506 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

Tgt Ion:112 Resp: 596374
Ion Ratio Lower Upper
112 100
64 58.2 49.2 73.8
63 31.2 27.0 40.4

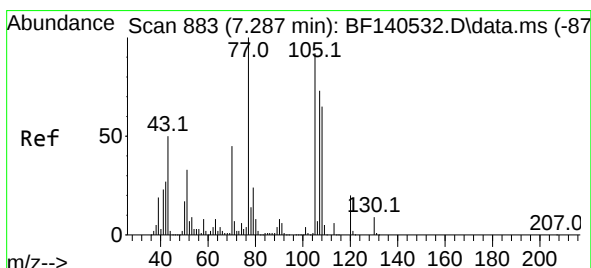
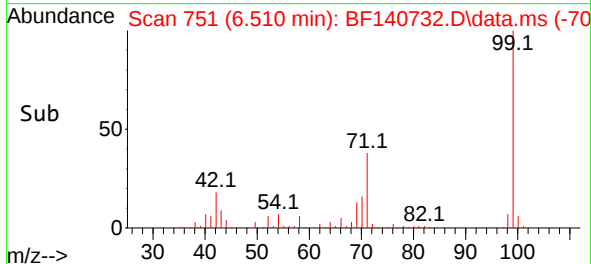
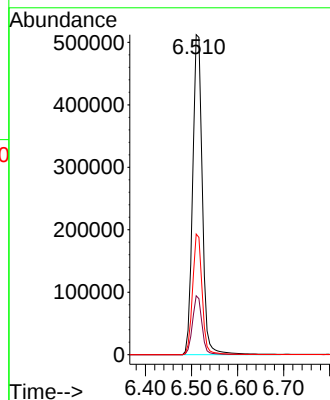
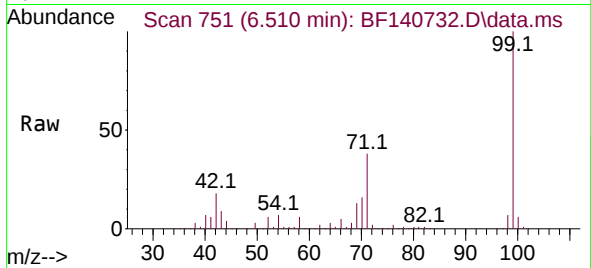




#7
Phenol-d6
Concen: 127.947 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

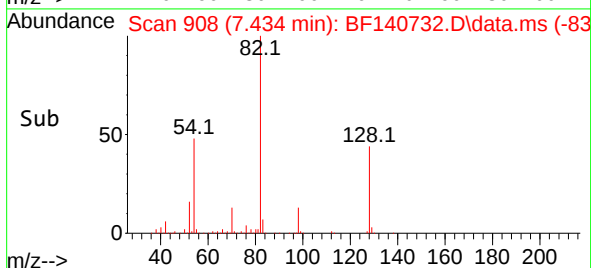
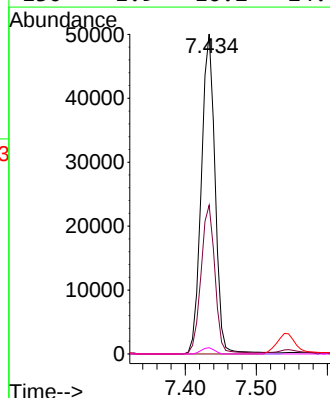
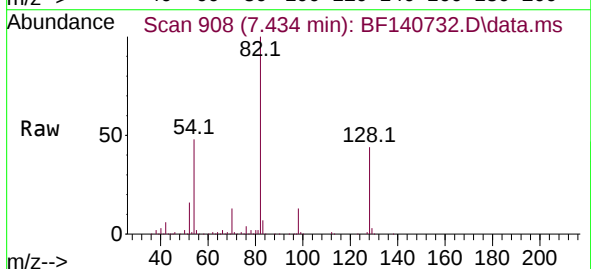
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-62

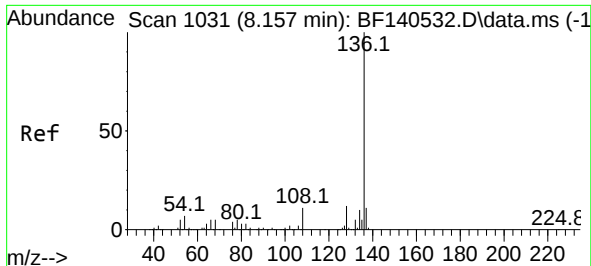
Tgt Ion: 99 Resp: 744440
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.745 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

Tgt Ion: 70 Resp: 67897
Ion Ratio Lower Upper
70 100
42 46.5 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#



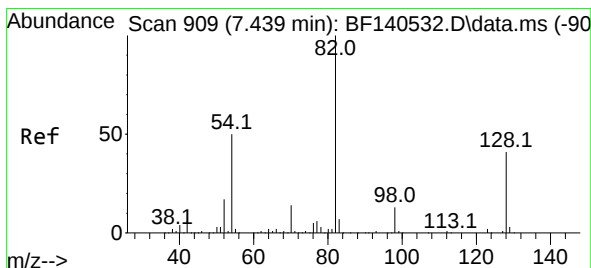
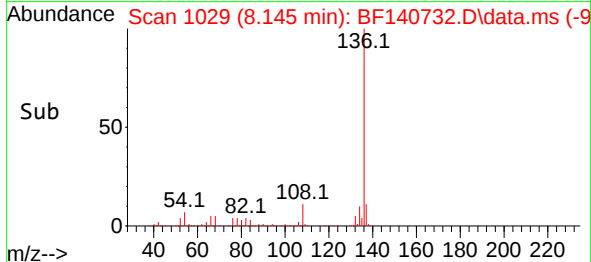
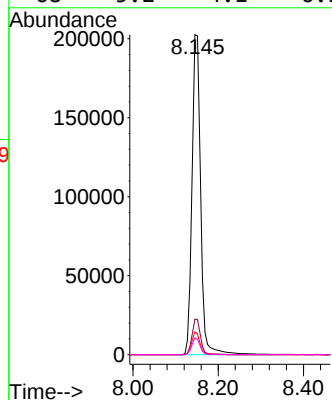
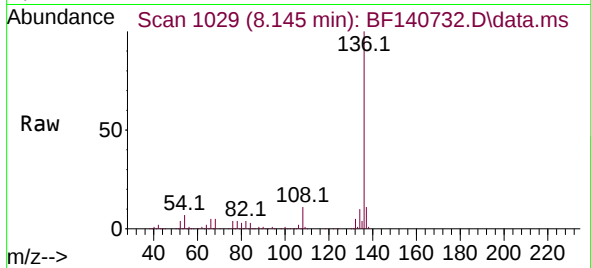


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

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

Tgt Ion:136 Resp: 286753

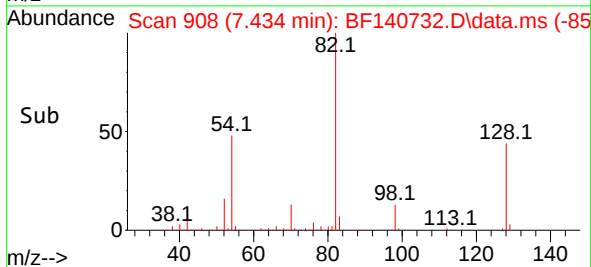
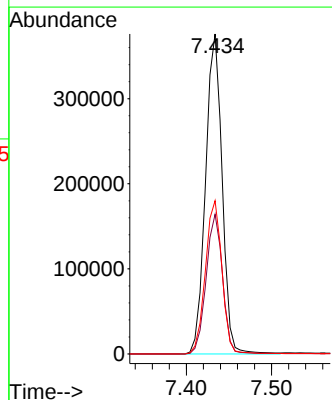
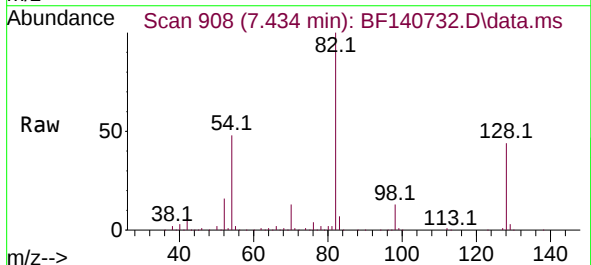
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.1	5.8	8.8
68	5.2	4.1	6.1

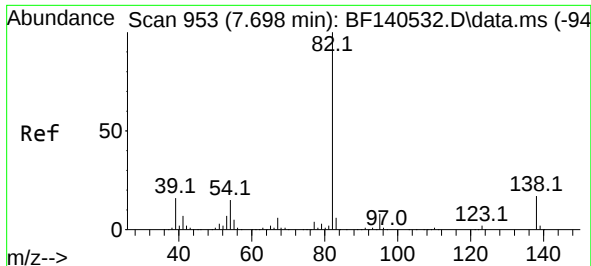


#23
Nitrobenzene-d5
Concen: 90.633 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

Tgt Ion: 82 Resp: 508097

Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.0	49.4
54	47.9	39.5	59.3

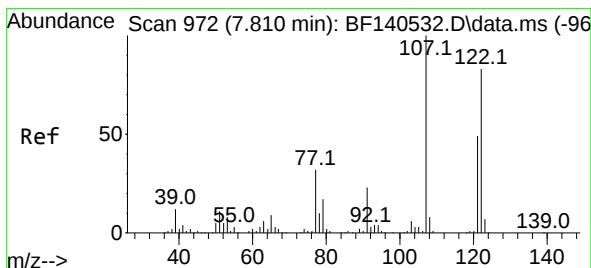
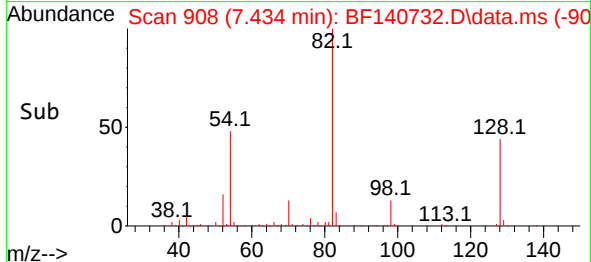
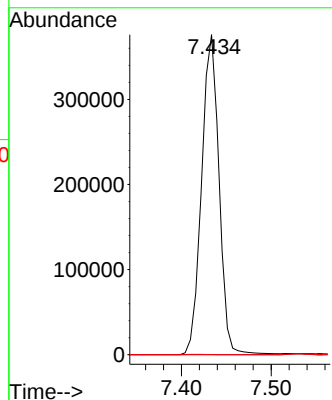
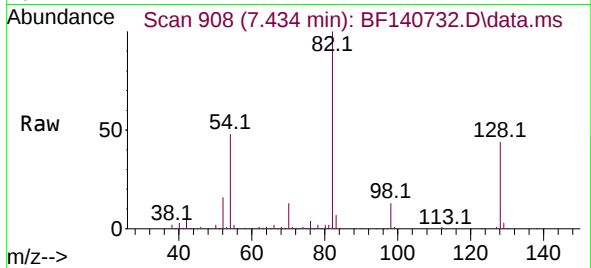




#25
Isophorone
Concen: 54.338 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

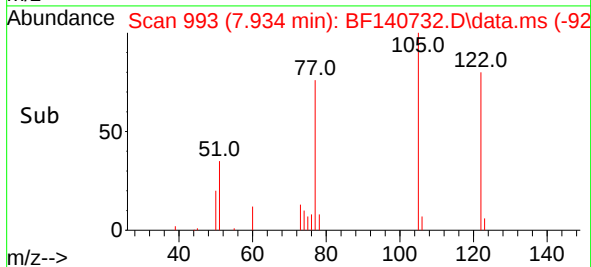
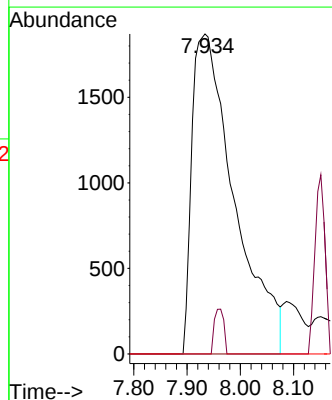
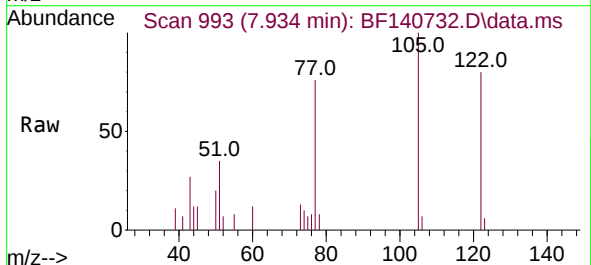
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-62

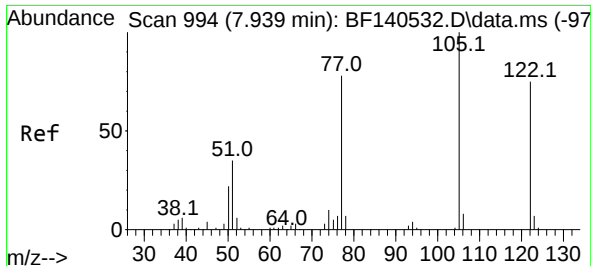
Tgt Ion: 82 Resp: 508089
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#27
2,4-Dimethylphenol
Concen: 3.374 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.123 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

Tgt Ion: 122 Resp: 10366
Ion Ratio Lower Upper
122 100
107 0.0 96.8 145.2#
121 0.0 47.4 71.0#

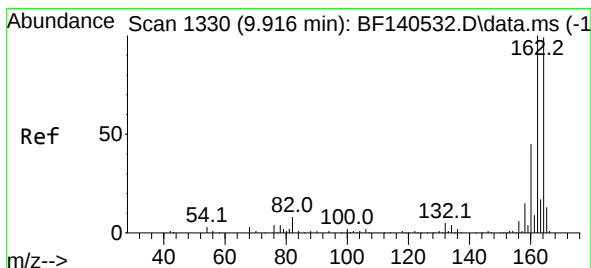
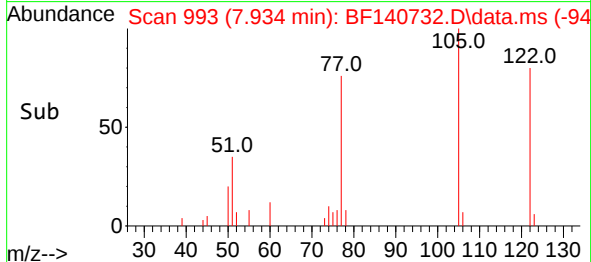
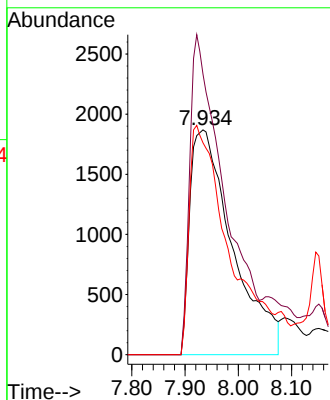
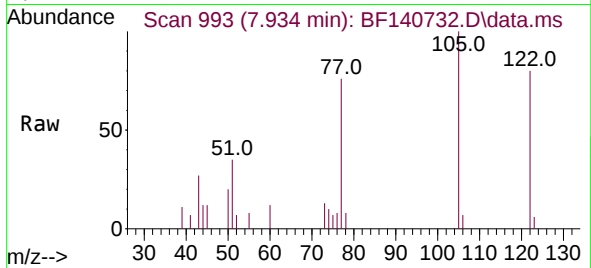




#32
Benzoic acid
Concen: 10.488 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.005 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

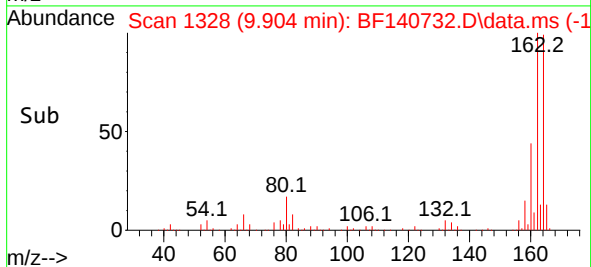
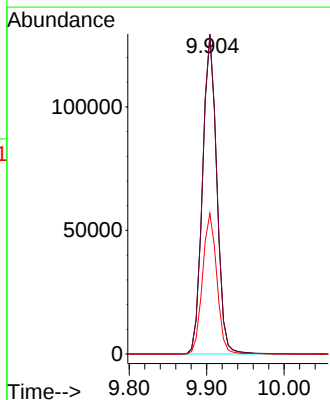
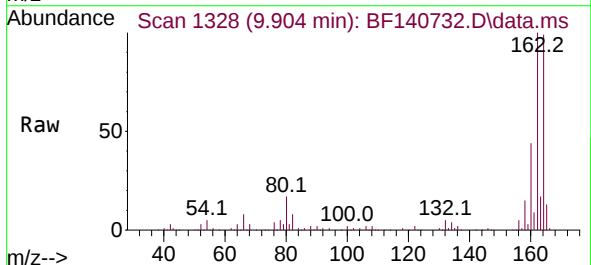
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OR-640-COMP-62

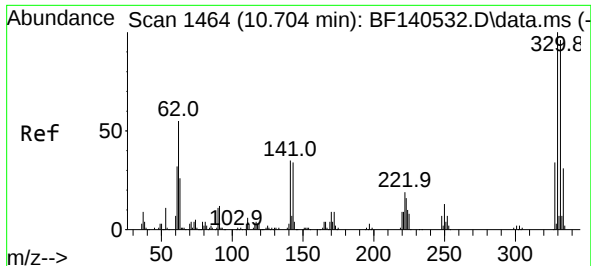
Tgt Ion:	122	Resp:	10366
Ion	Ratio	Lower	Upper
122	100		
105	124.7	109.3	149.3
77	94.2	82.3	122.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

Tgt Ion:	164	Resp:	164360
Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	120.8
160	44.1	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 147.113 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140732.D

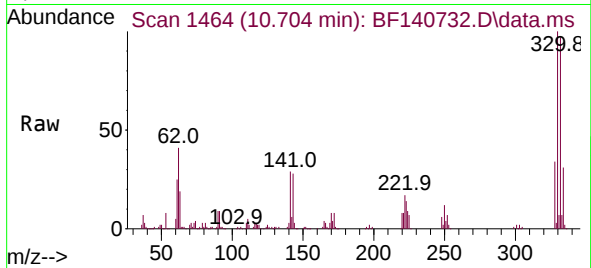
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OR-640-COMP-62



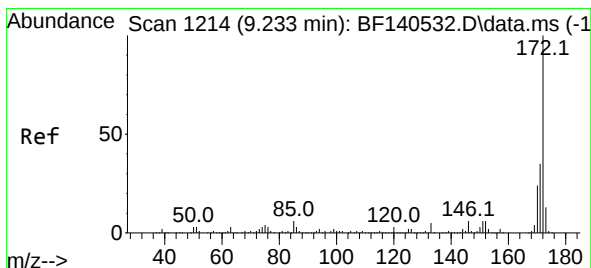
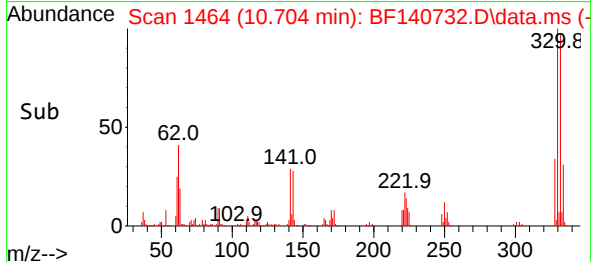
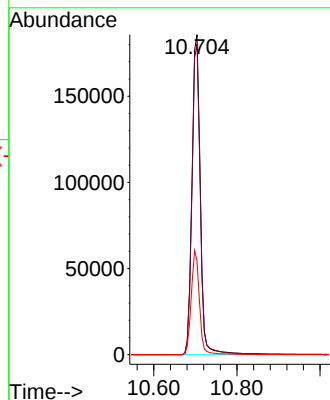
Tgt Ion:330 Resp: 258602

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

141 32.3 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 88.997 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140732.D

Acq: 04 Dec 2024 17:46

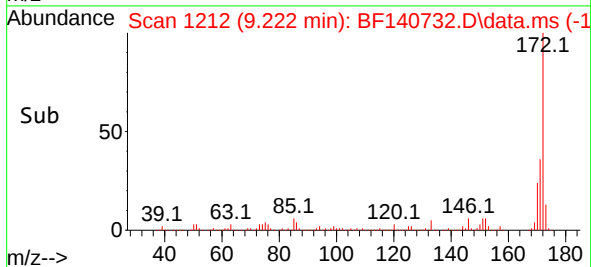
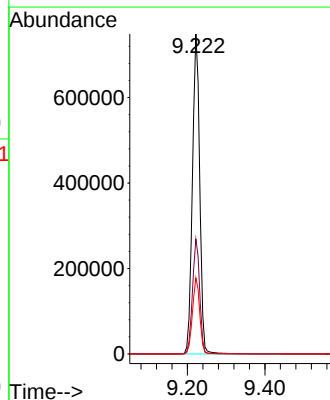
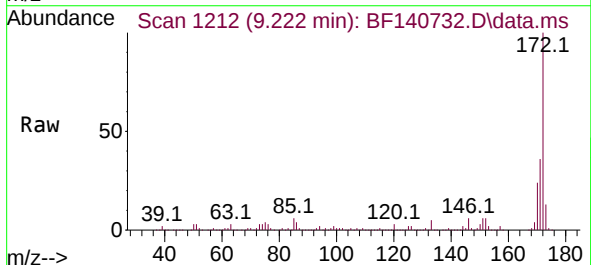
Tgt Ion:172 Resp: 981748

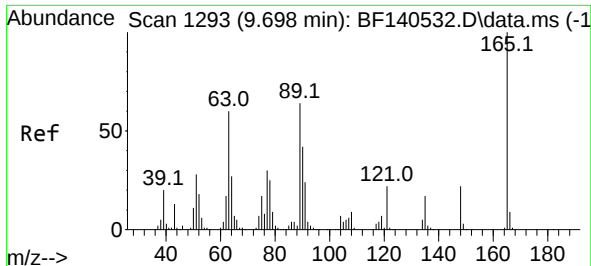
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.7 19.0 28.6

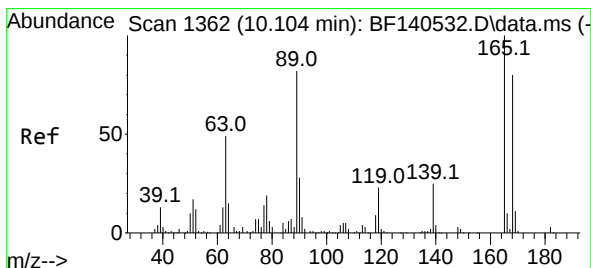
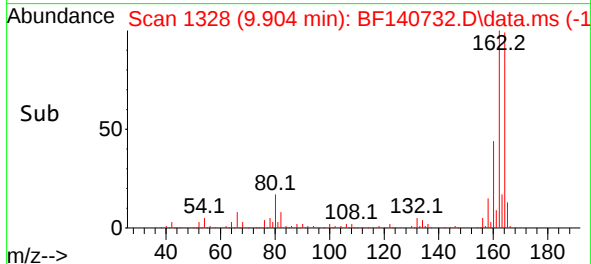
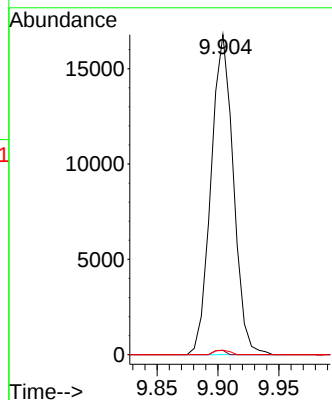
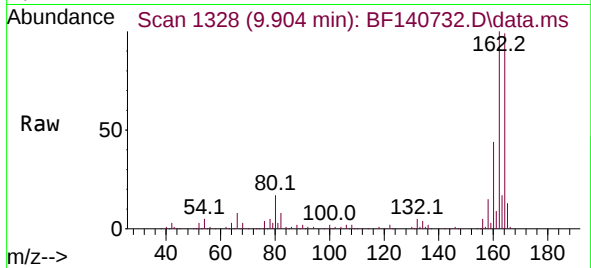




#51
2,6-Dinitrotoluene
Concen: 8.719 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

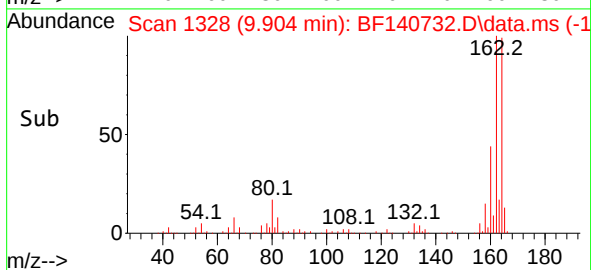
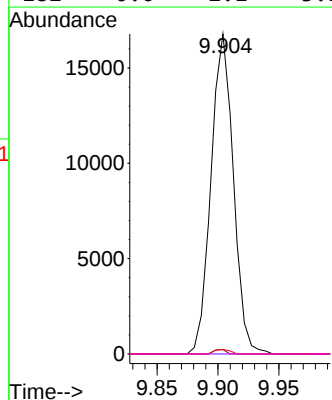
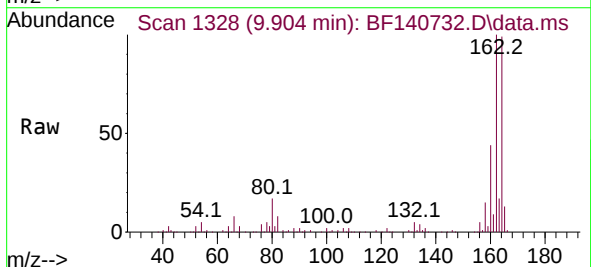
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-62

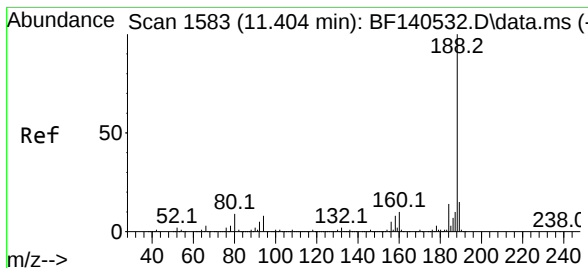
Tgt Ion:165 Resp: 21405
Ion Ratio Lower Upper
165 100
63 1.3 49.9 74.9#
89 1.4 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.560 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140732.D
Acq: 04 Dec 2024 17:46

Tgt Ion:165 Resp: 21405
Ion Ratio Lower Upper
165 100
63 1.3 41.7 62.5#
89 1.4 65.8 98.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140732.D

Acq: 04 Dec 2024 17:46

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-62

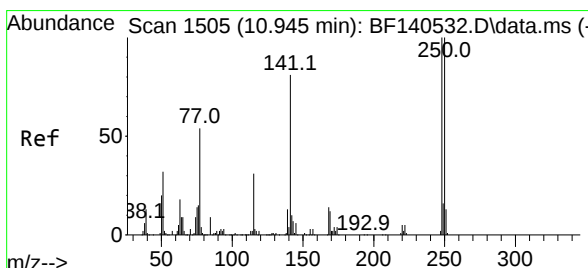
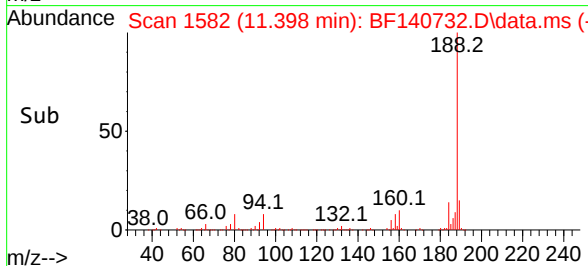
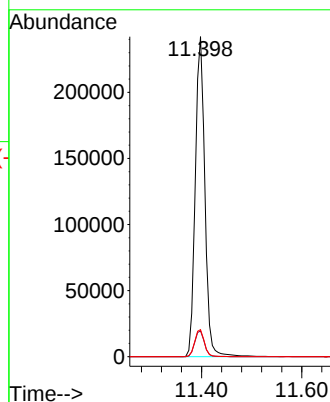
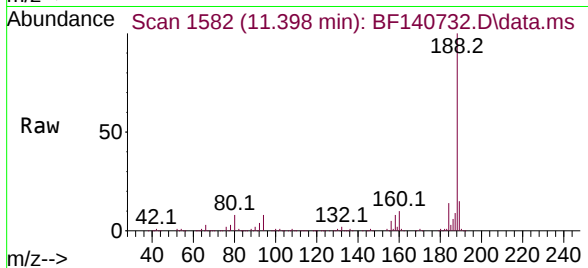
Tgt Ion:188 Resp: 320055

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: 4.867 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140732.D

Acq: 04 Dec 2024 17:46

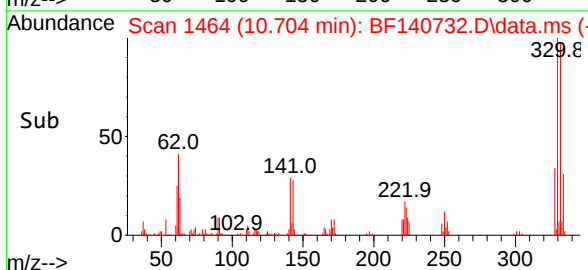
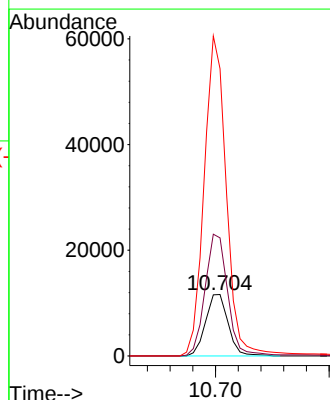
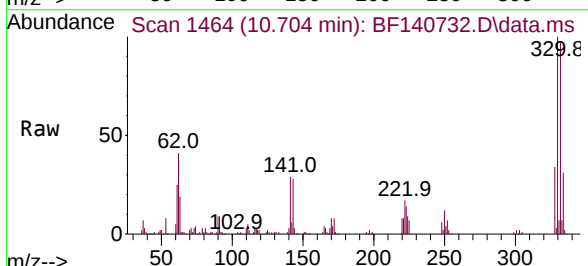
Tgt Ion:248 Resp: 16043

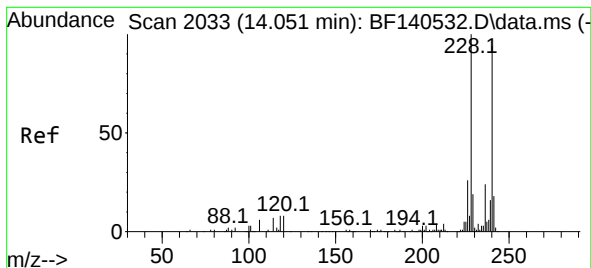
Ion Ratio Lower Upper

248 100

250 192.1 79.8 119.8#

141 467.5 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: BF140732.D

Acq: 04 Dec 2024 17:46

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-62

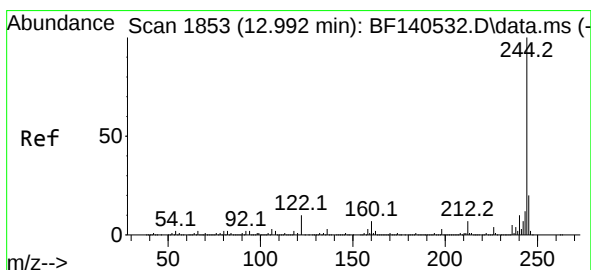
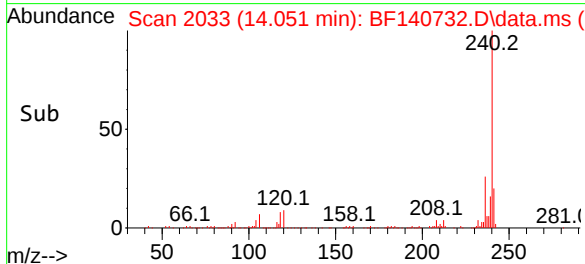
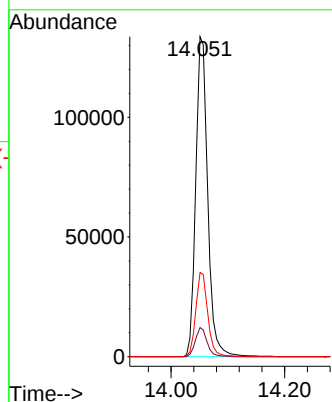
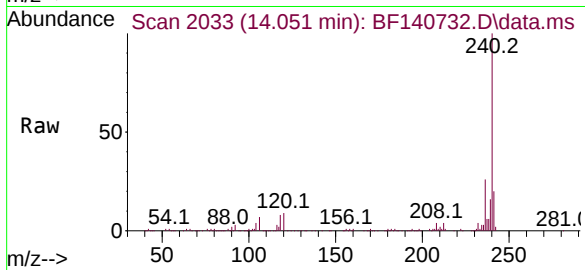
Tgt Ion:240 Resp: 196521

Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 26.3 20.6 31.0



#79

Terphenyl-d14

Concen: 90.665 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140732.D

Acq: 04 Dec 2024 17:46

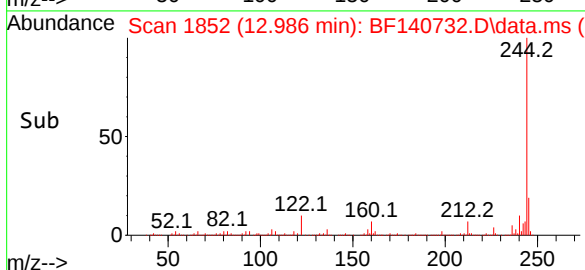
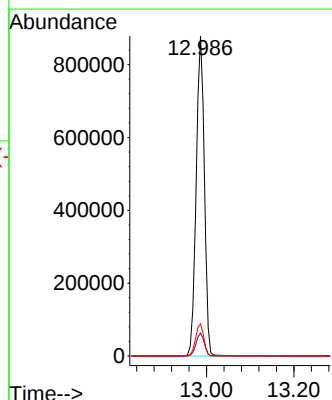
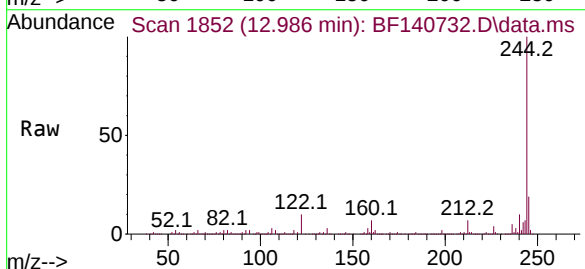
Tgt Ion:244 Resp: 1144252

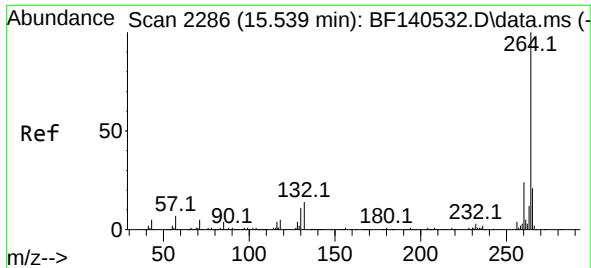
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.0 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF140732.D
 Acq: 04 Dec 2024 17:46

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

Tgt Ion:264 Resp: 153659
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.4 16.6 25.0

