

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140731.D
 Acq On : 04 Dec 2024 17:20
 Operator : RC/JU
 Sample : P5052-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-51

Quant Time: Dec 04 17:43:53 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)

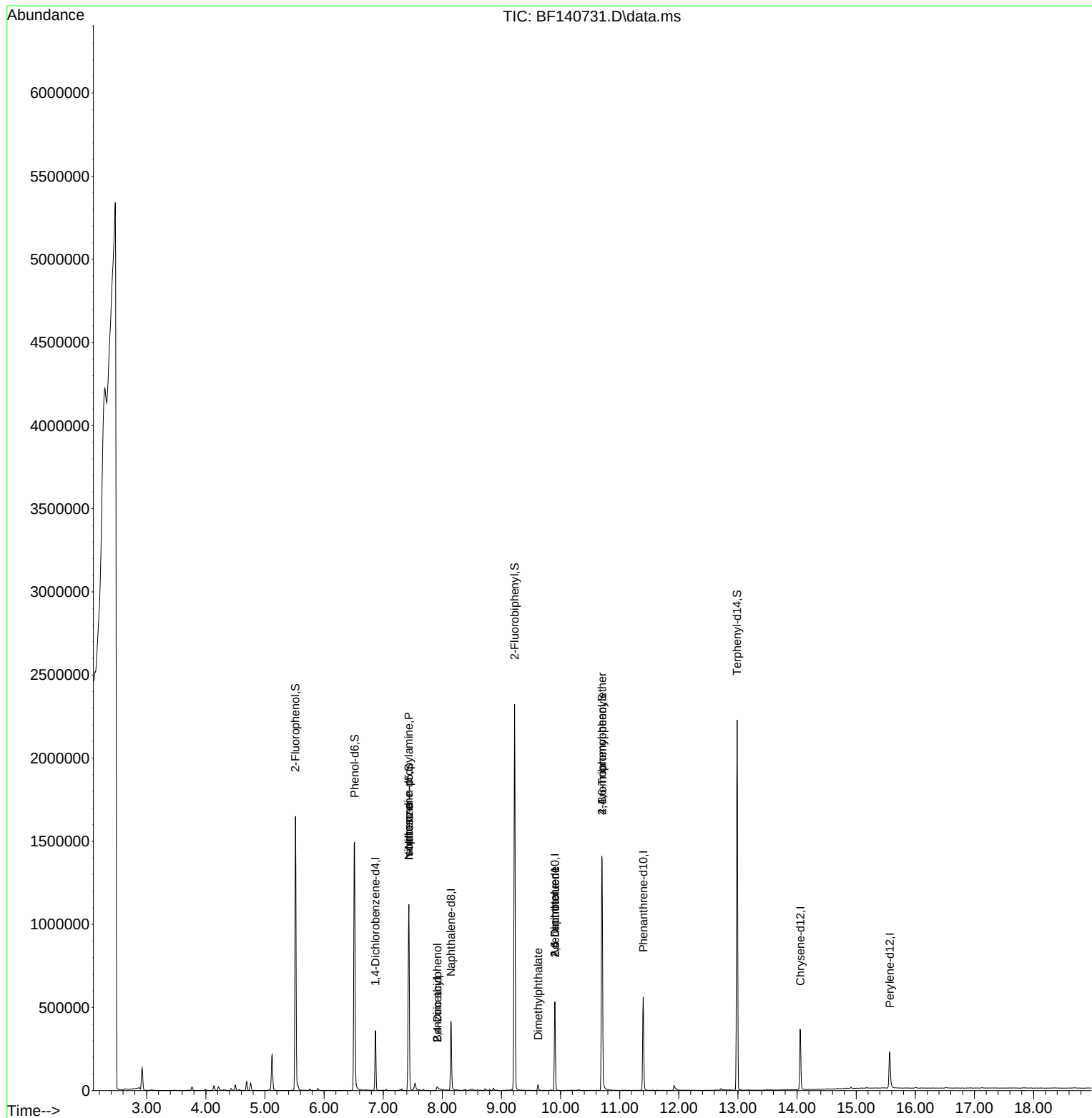
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	76787	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	285264	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	159418	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	315651	20.000	ng	0.00
76) Chrysene-d12	14.057	240	193657	20.000	ng	0.00
86) Perylene-d12	15.568	264	152096	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	623451	138.531	ng	0.02
7) Phenol-d6	6.516	99	778308	130.815	ng	0.00
23) Nitrobenzene-d5	7.433	82	539936	96.815	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	273606	160.474	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1063201	99.368	ng	-0.01
79) Terphenyl-d14	12.986	244	1110482	89.290	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	72901	20.733	ng	# 76
25) Isophorone	7.433	82	539932	58.045	ng	# 66
27) 2,4-Dimethylphenol	7.916	122	15586	5.100	ng	# 1
32) Benzoic acid	7.916	122	15586	12.174	ng	93
50) Dimethylphthalate	9.622	163	21947	2.090	ng	99
51) 2,6-Dinitrotoluene	9.904	165	20603	8.653	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	20603	6.510	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	17072	5.252	ng	# 1

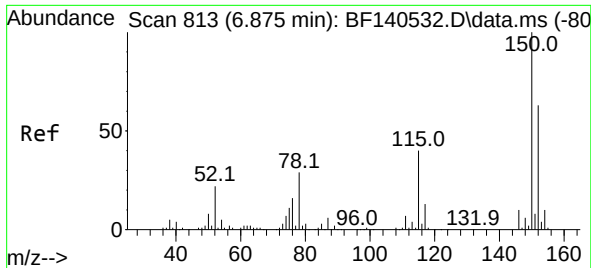
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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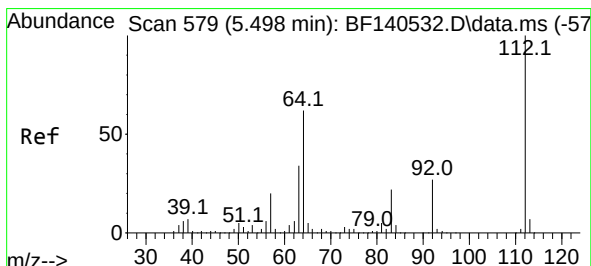
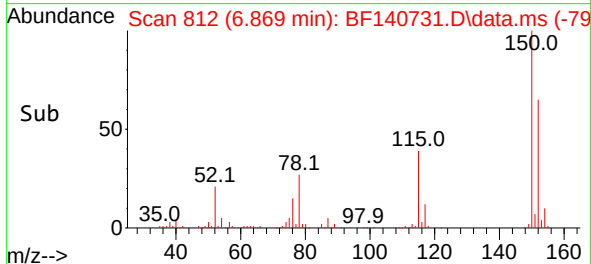
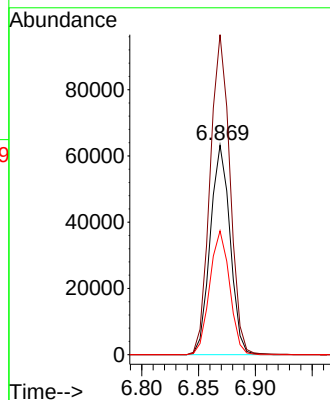
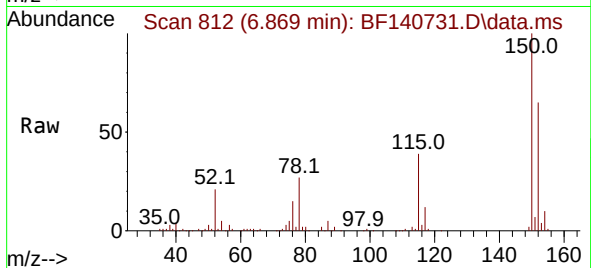




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

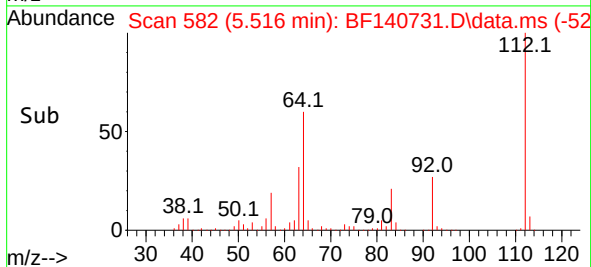
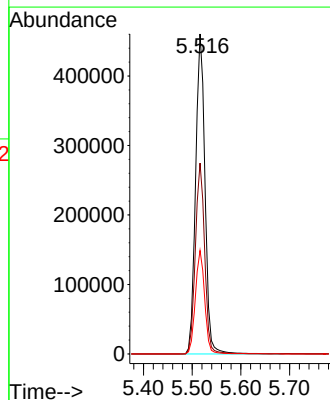
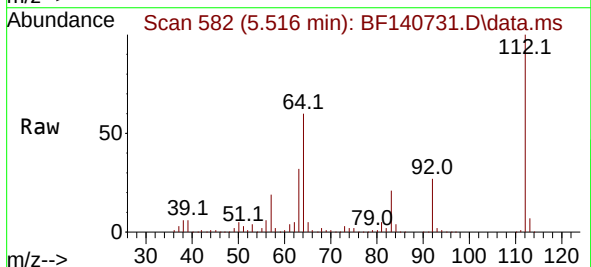
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-51

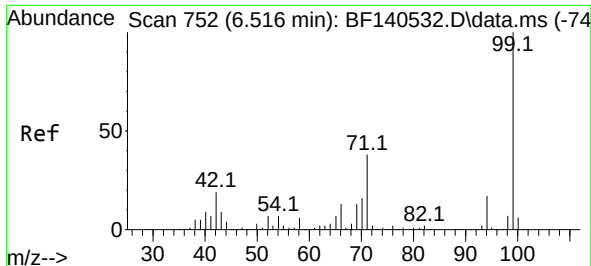
Tgt Ion:152 Resp: 76787
Ion Ratio Lower Upper
152 100
150 152.7 128.5 192.7
115 59.1 50.2 75.4



#5
2-Fluorophenol
Concen: 138.531 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

Tgt Ion:112 Resp: 623451
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 32.4 27.0 40.4

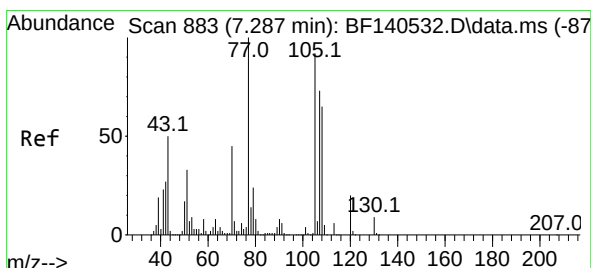
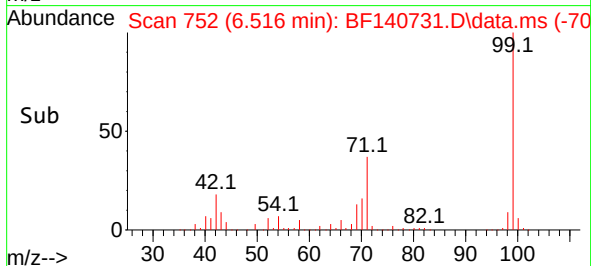
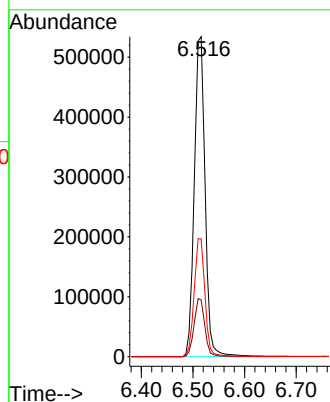
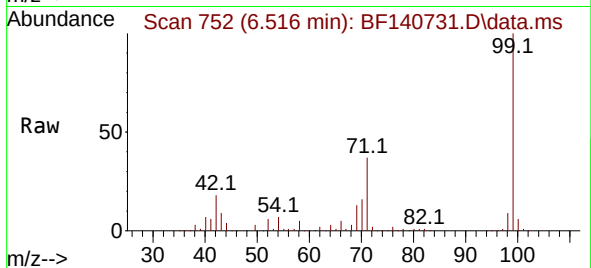




#7
Phenol-d6
Concen: 130.815 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

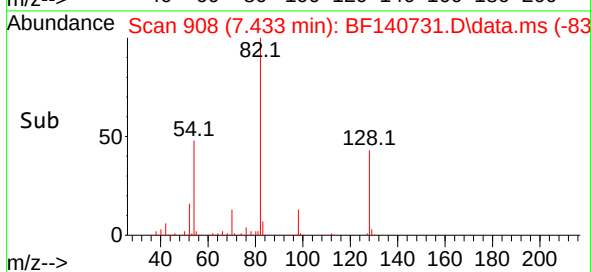
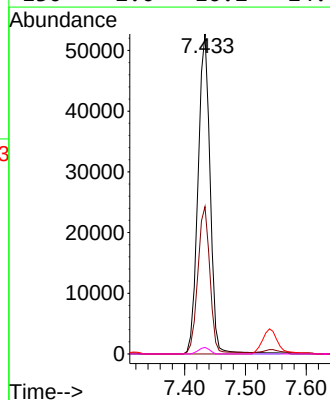
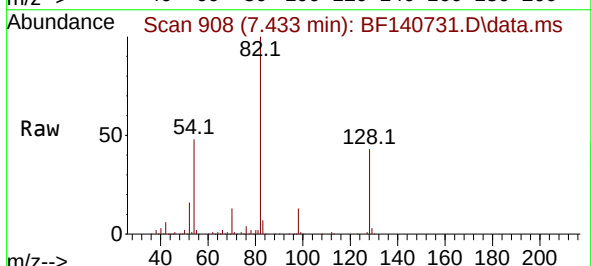
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-51

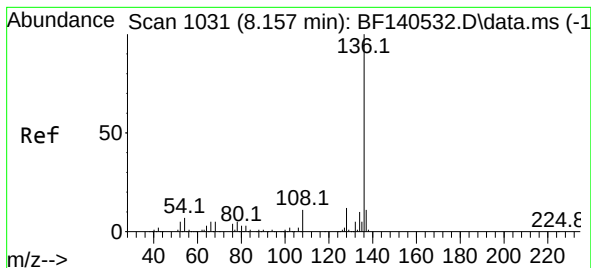
Tgt Ion: 99 Resp: 778308
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.8 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.733 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

Tgt Ion: 70 Resp: 72901
Ion Ratio Lower Upper
70 100
42 46.0 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF140731.D

Acq: 04 Dec 2024 17:20

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-51

Tgt Ion:136 Resp: 285264

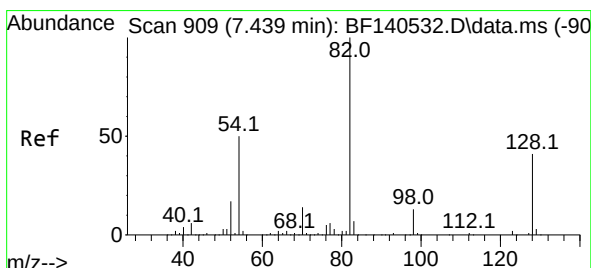
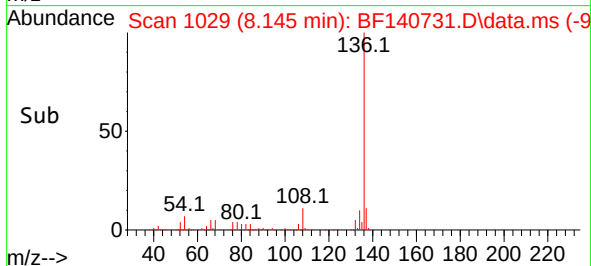
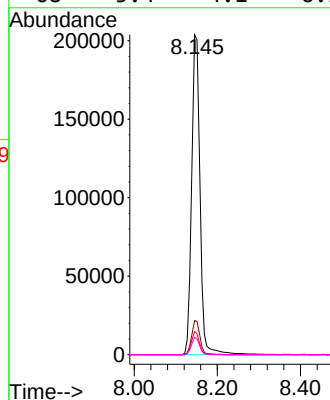
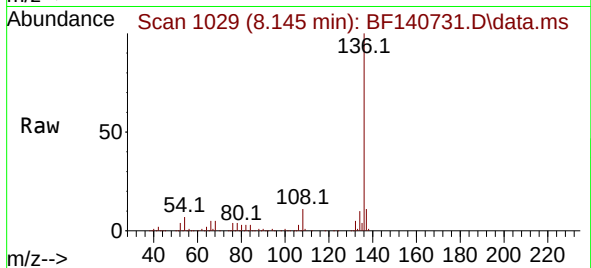
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 7.2 5.8 8.8

68 5.4 4.1 6.1



#23

Nitrobenzene-d5

Concen: 96.815 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140731.D

Acq: 04 Dec 2024 17:20

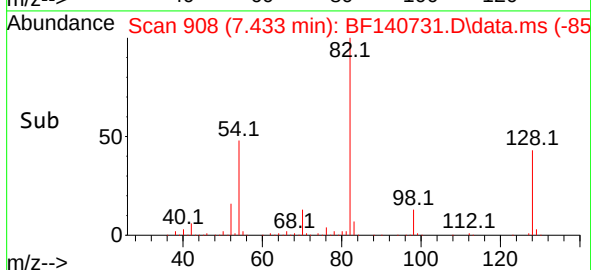
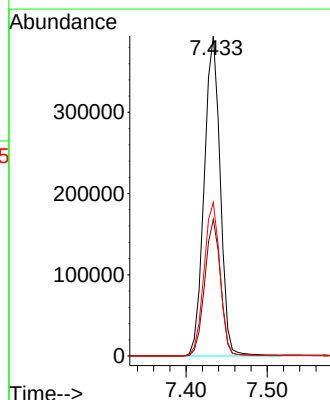
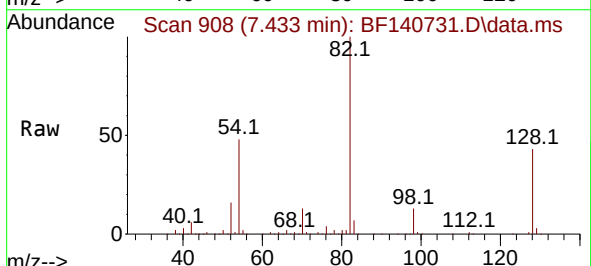
Tgt Ion: 82 Resp: 539936

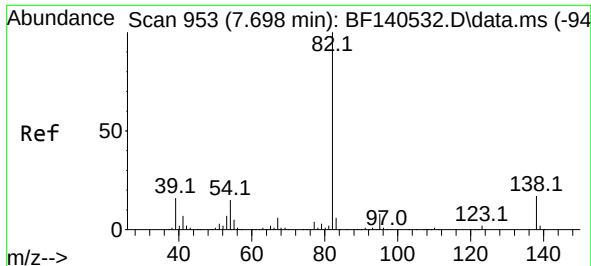
Ion Ratio Lower Upper

82 100

128 42.6 33.0 49.4

54 47.9 39.5 59.3

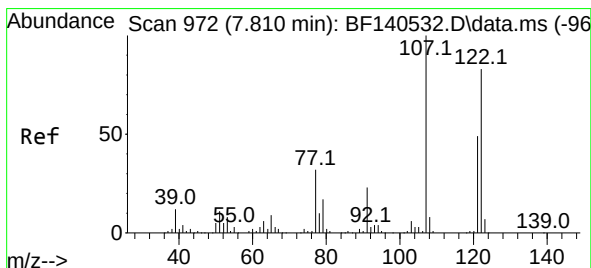
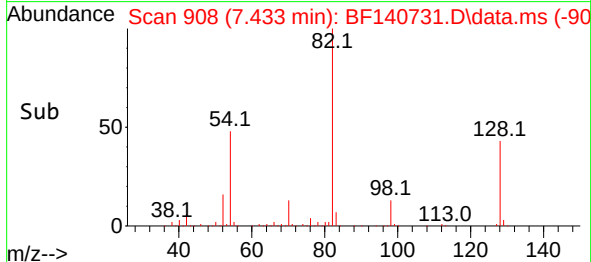
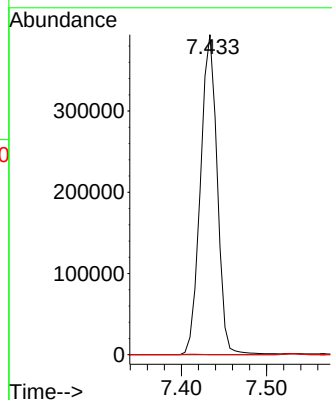
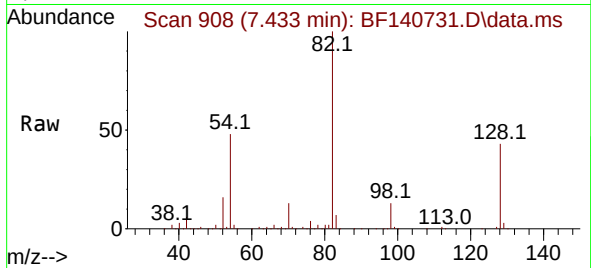




#25
Isophorone
Concen: 58.045 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

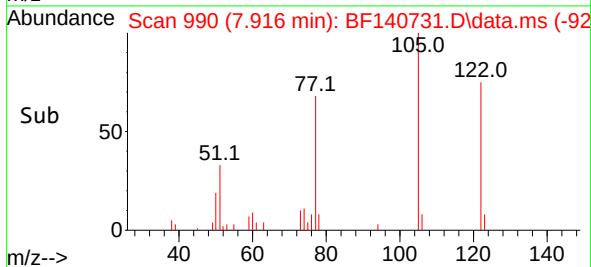
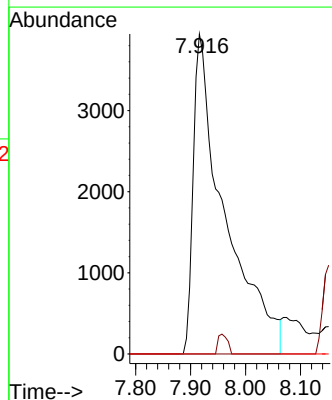
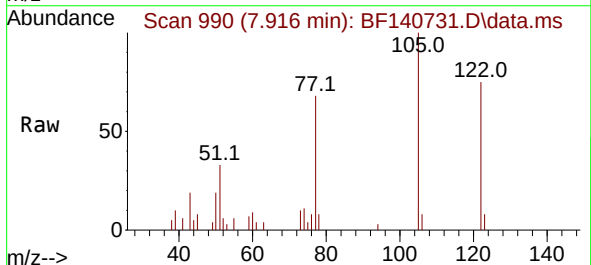
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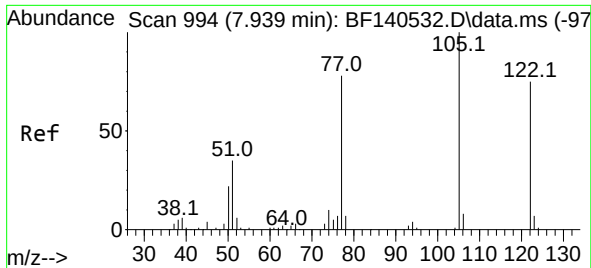
Tgt Ion: 82 Resp: 539932
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#27
2,4-Dimethylphenol
Concen: 5.100 ng
RT: 7.916 min Scan# 990
Delta R.T. 0.106 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

Tgt Ion: 122 Resp: 15586
Ion Ratio Lower Upper
122 100
107 0.0 96.8 145.2#
121 0.0 47.4 71.0#

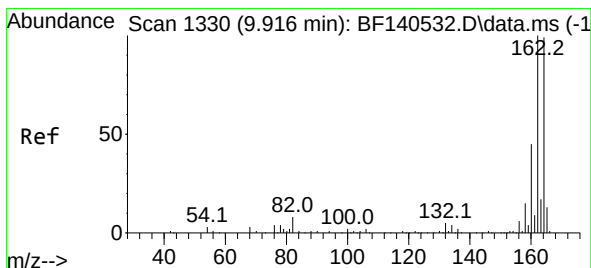
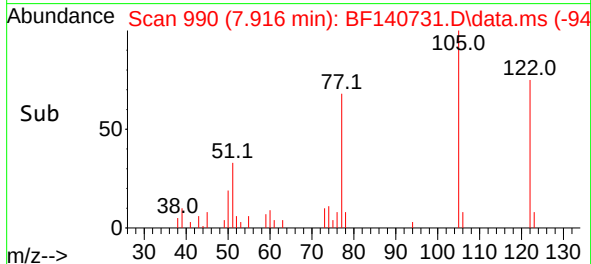
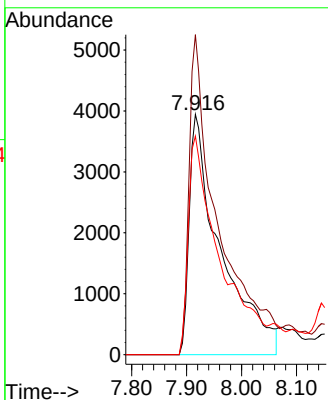
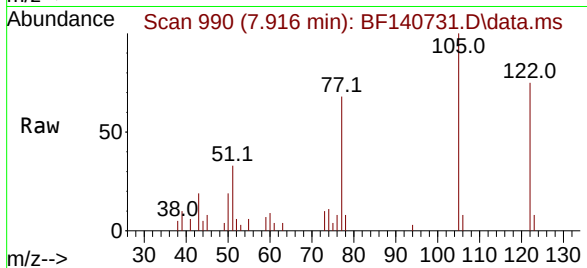




#32
Benzoic acid
Concen: 12.174 ng
RT: 7.916 min Scan# 91
Delta R.T. -0.023 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

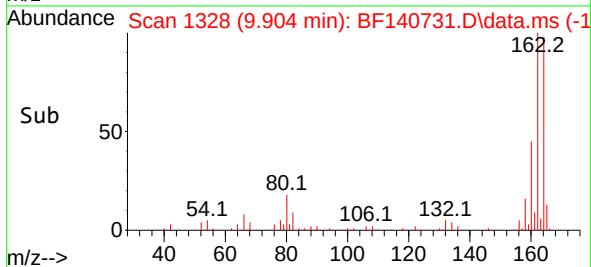
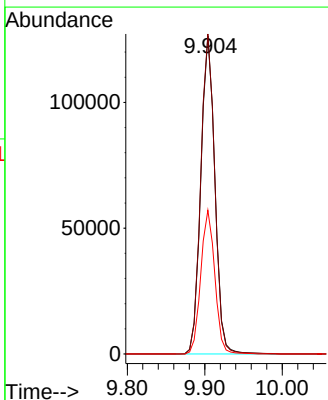
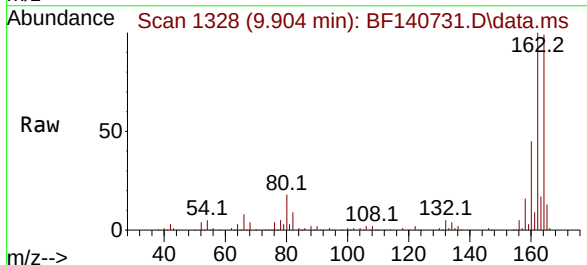
Instrument :
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ClientSampleId :
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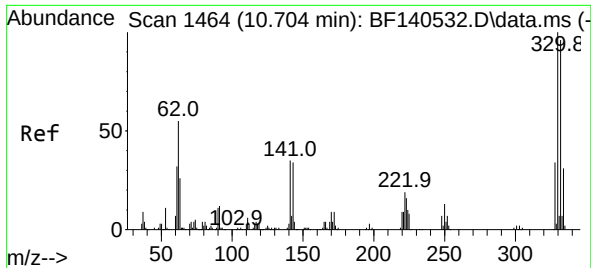
Tgt Ion:	122	Resp:	15586
Ion	Ratio	Lower	Upper
122	100		
105	133.2	109.3	149.3
77	91.0	82.3	122.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

Tgt Ion:	164	Resp:	159418
Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	120.8
160	45.2	36.2	54.4

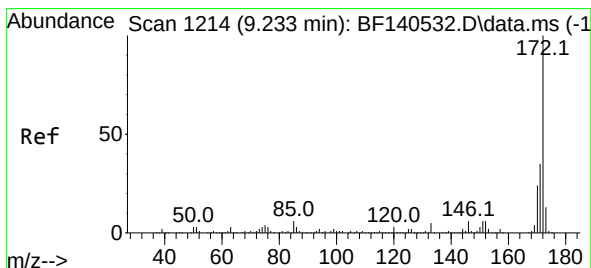
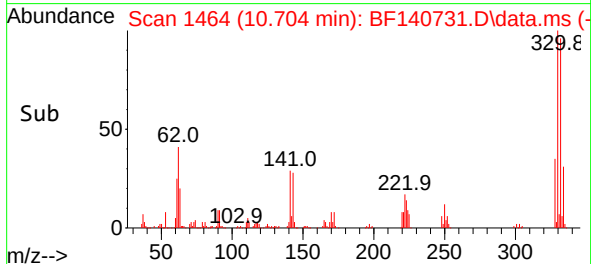
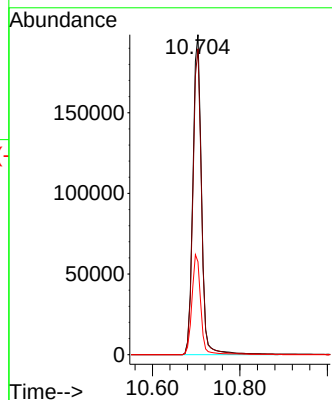
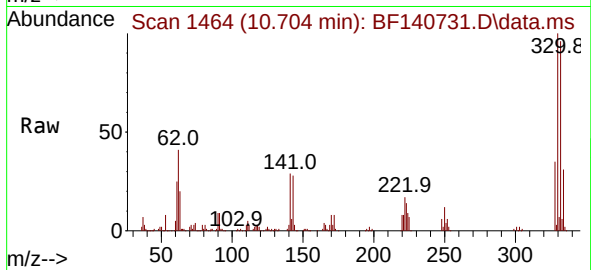




#42
2,4,6-Tribromophenol
Concen: 160.474 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

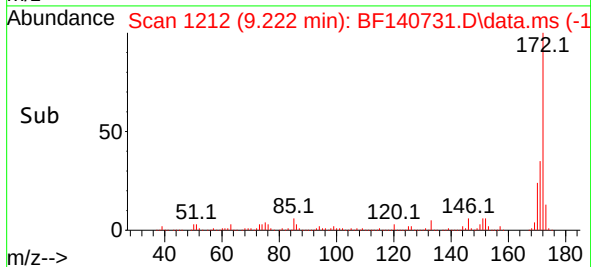
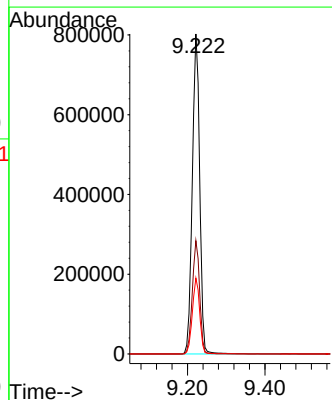
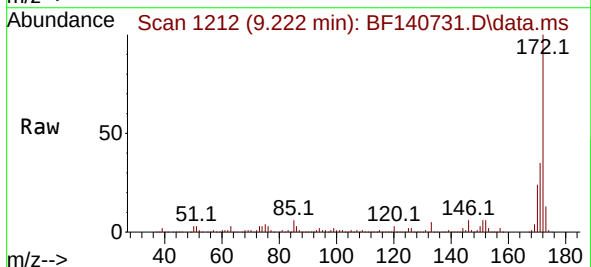
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ClientSampleId :
OR-640-COMP-51

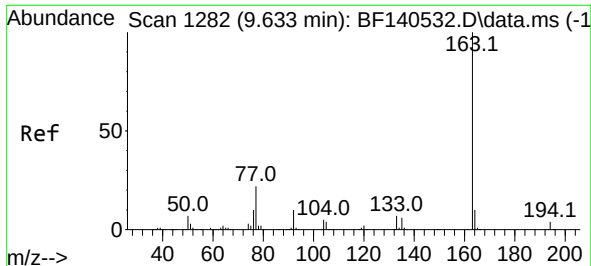
Tgt Ion:330 Resp: 273606
Ion Ratio Lower Upper
330 100
332 95.2 76.9 115.3
141 31.9 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 99.368 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

Tgt Ion:172 Resp: 1063201
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 19.0 28.6

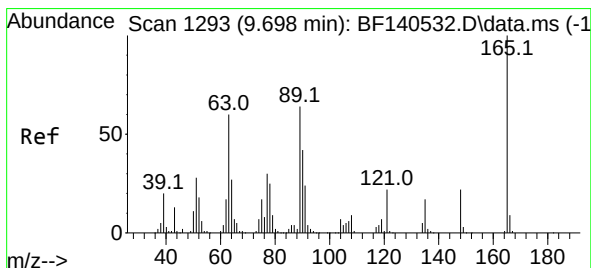
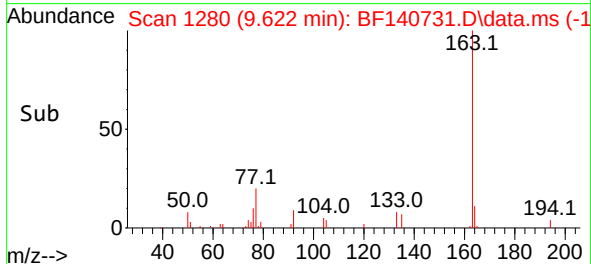
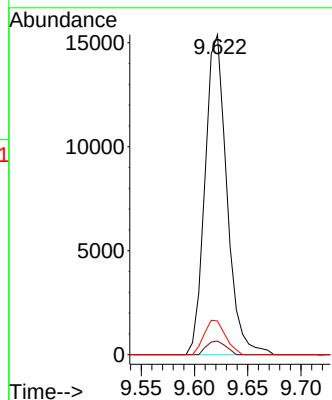
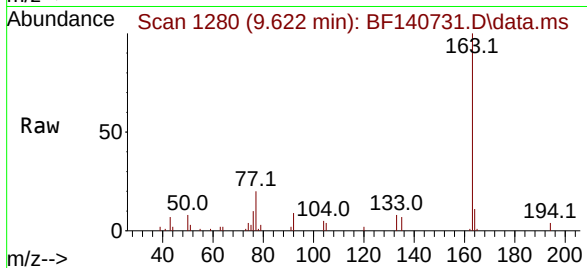




#50
Dimethylphthalate
Concen: 2.090 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

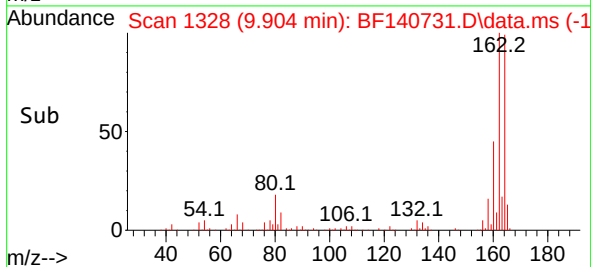
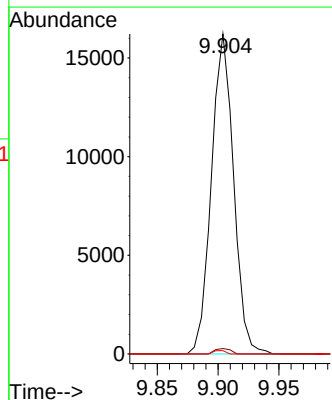
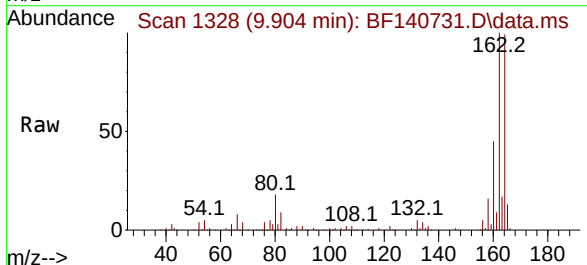
Instrument :
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OR-640-COMP-51

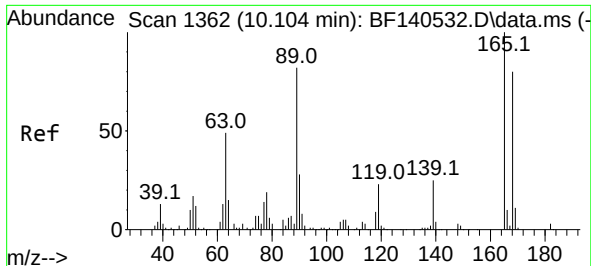
Tgt Ion:163 Resp: 21947
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.5 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.653 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

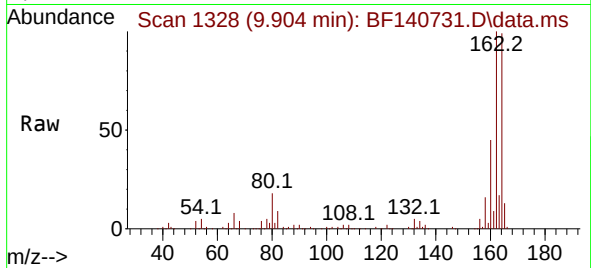
Tgt Ion:165 Resp: 20603
Ion Ratio Lower Upper
165 100
63 1.7 49.9 74.9#
89 1.1 50.9 76.3#



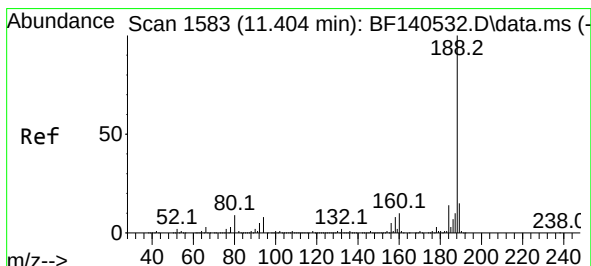
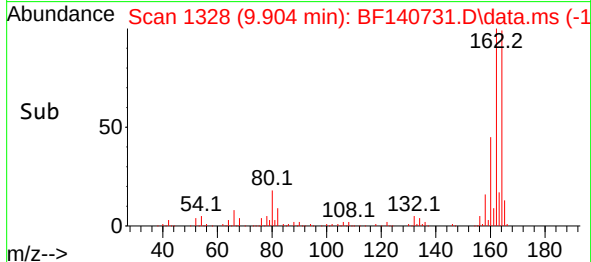
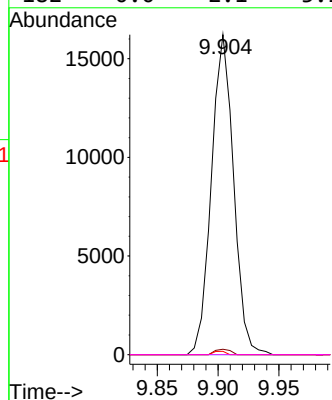


#57
2,4-Dinitrotoluene
Concen: 6.510 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-51

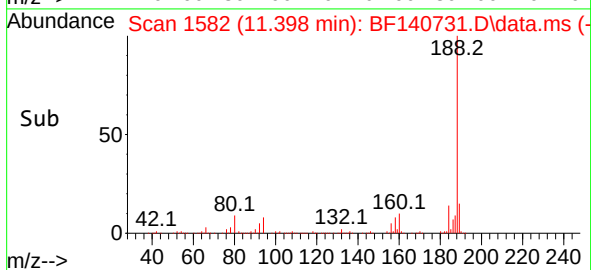
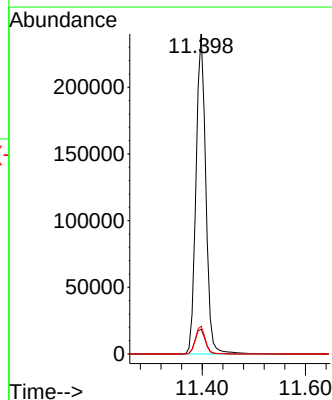
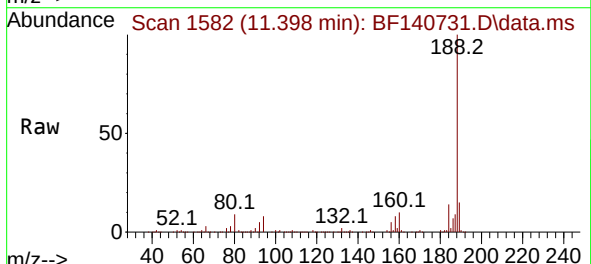


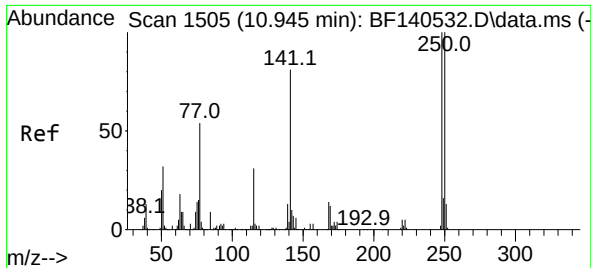
Tgt Ion:165 Resp: 20603
Ion Ratio Lower Upper
165 100
63 1.7 41.7 62.5#
89 1.1 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

Tgt Ion:188 Resp: 315651
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.6 6.9 10.3

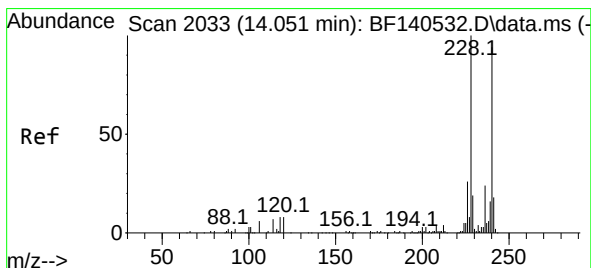
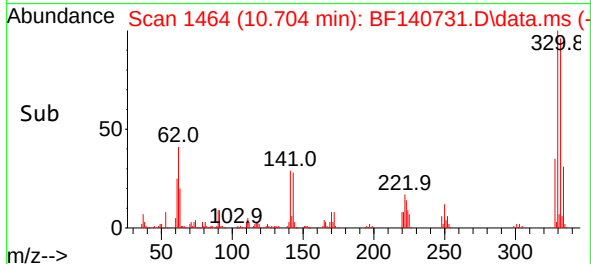
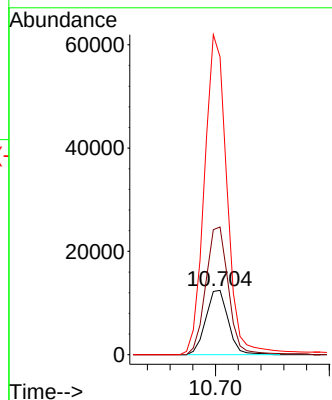
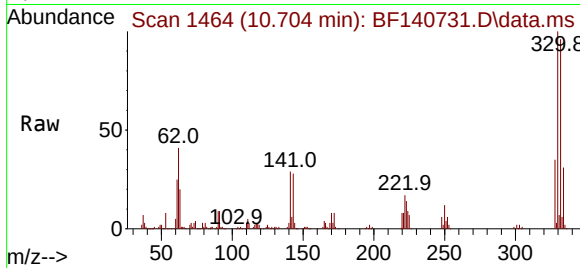




#67
4-Bromophenyl-phenylether
Concen: 5.252 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

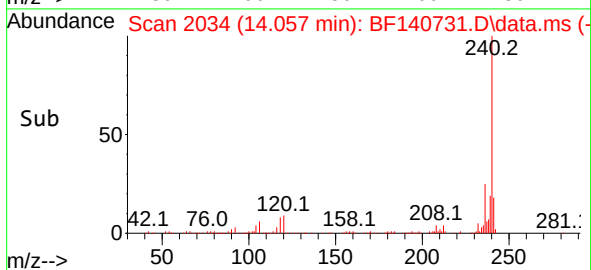
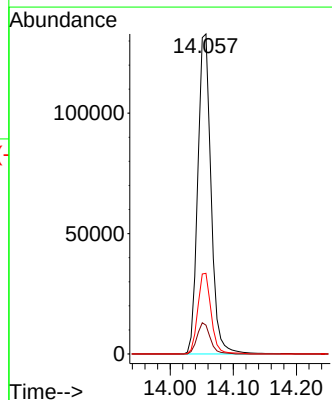
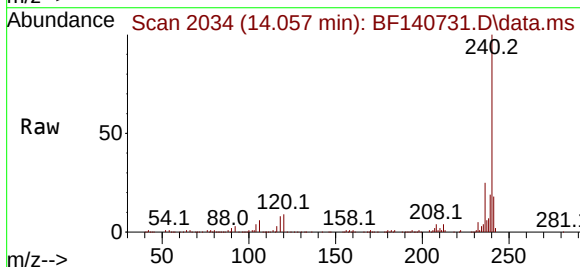
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-51

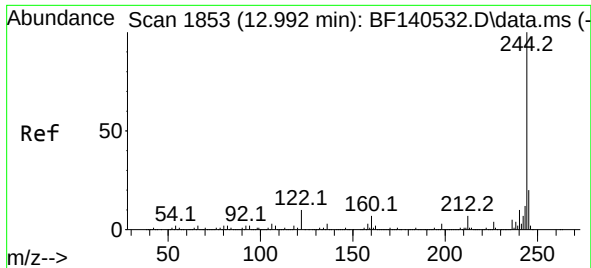
Tgt Ion:248 Resp: 17072
Ion Ratio Lower Upper
248 100
250 198.7 79.8 119.8#
141 463.3 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

Tgt Ion:240 Resp: 193657
Ion Ratio Lower Upper
240 100
120 9.0 7.3 10.9
236 25.2 20.6 31.0

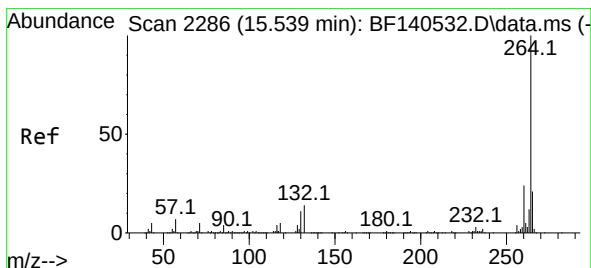
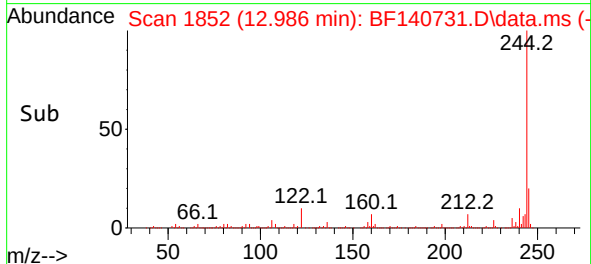
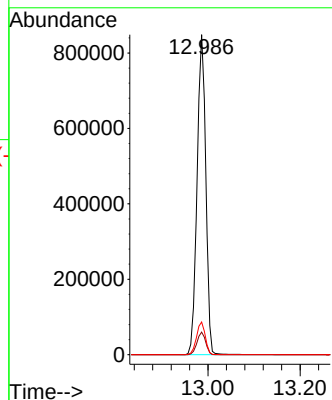
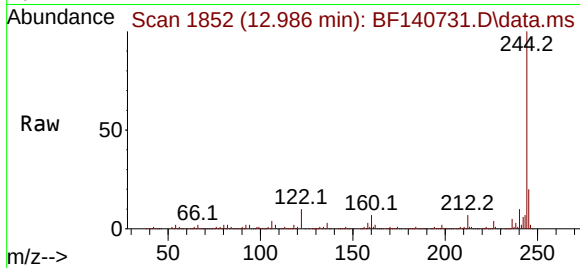




#79
Terphenyl-d14
Concen: 89.290 ng
RT: 12.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-51

Tgt Ion:244 Resp: 1110482
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.2 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2291
Delta R.T. 0.029 min
Lab File: BF140731.D
Acq: 04 Dec 2024 17:20

Tgt Ion:264 Resp: 152096
Ion Ratio Lower Upper
264 100
260 22.5 19.0 28.6
265 21.2 16.6 25.0

