

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140713.D
 Acq On : 03 Dec 2024 16:16
 Operator : RC/JU
 Sample : P5052-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 03 16:39:11 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)

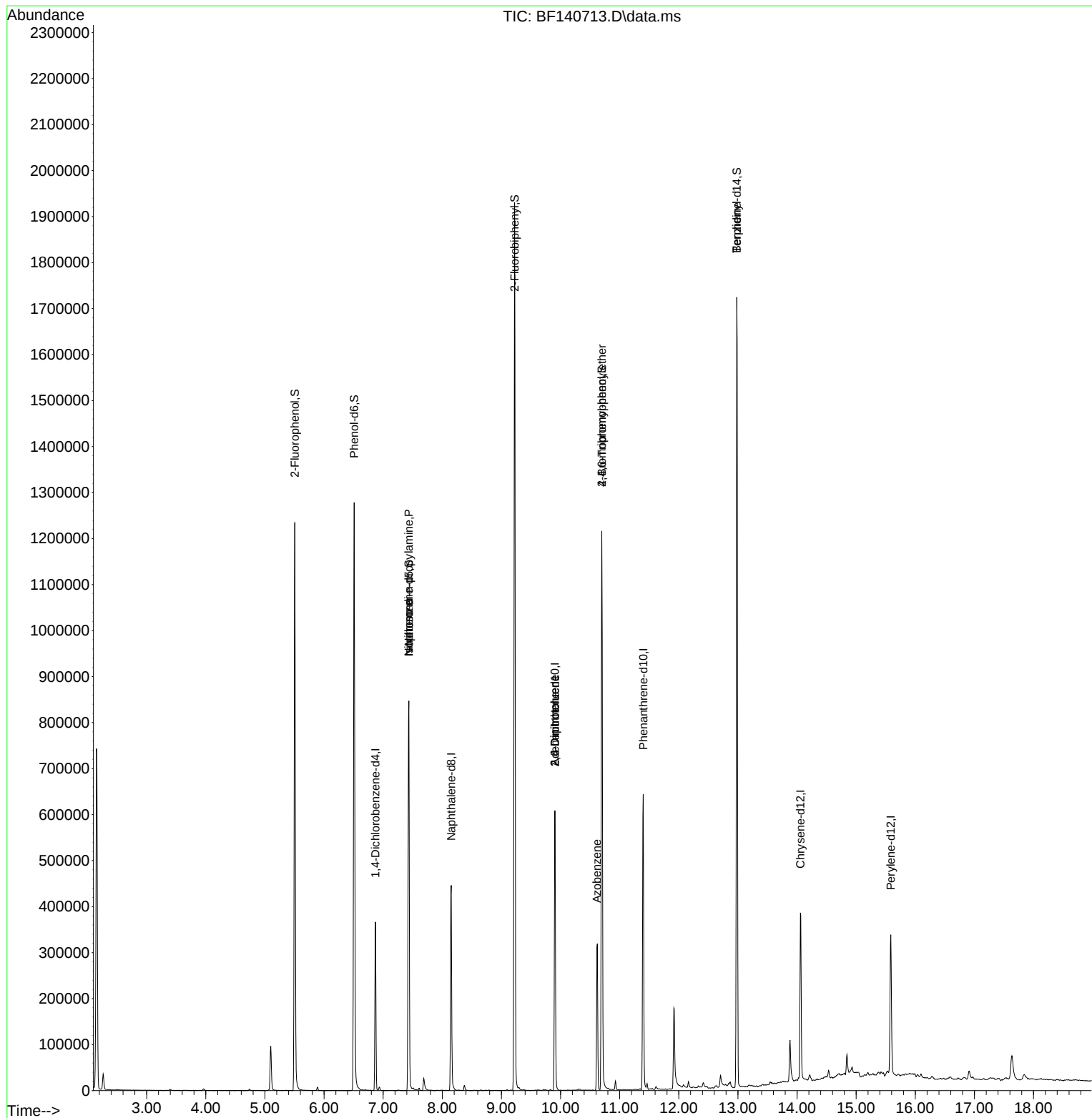
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	77226	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	302553	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	187592	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	367282	20.000	ng	0.00
76) Chrysene-d12	14.057	240	191356	20.000	ng	0.00
86) Perylene-d12	15.586	264	190537	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	466095	102.978	ng	0.00
7) Phenol-d6	6.510	99	609832	101.915	ng	0.00
23) Nitrobenzene-d5	7.434	82	405182	68.501	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	217220	108.268	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	861448	68.420	ng	-0.01
79) Terphenyl-d14	12.980	244	855332	69.601	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	54314	15.359	ng	# 77
25) Isophorone	7.434	82	399012	40.444	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	24516	8.750	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	24516	6.583	ng	# 18
63) Azobenzene	10.616	77	87592	7.369	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	13377	3.537	ng	# 1
77) Benzidine	12.980	184	11676	2.099	ng	# 89

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

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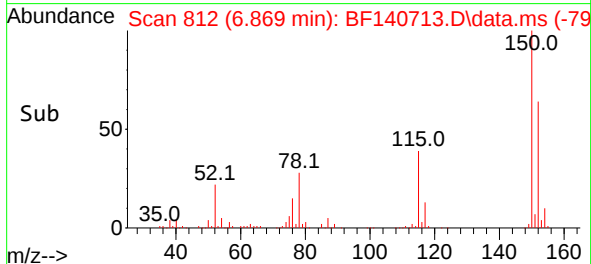
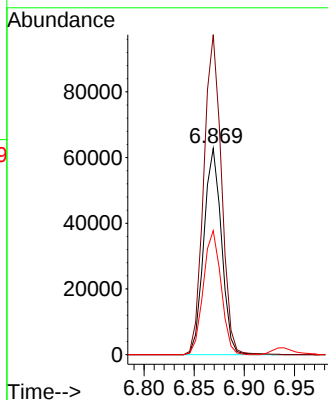
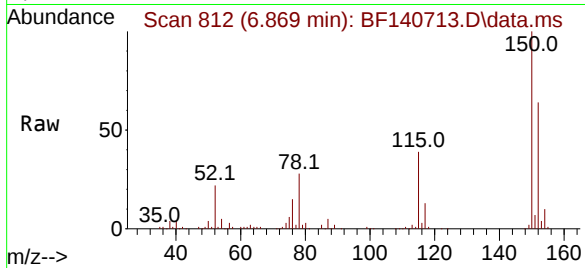




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

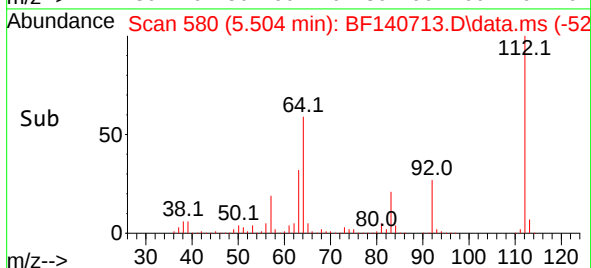
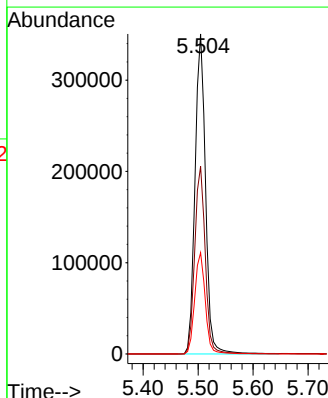
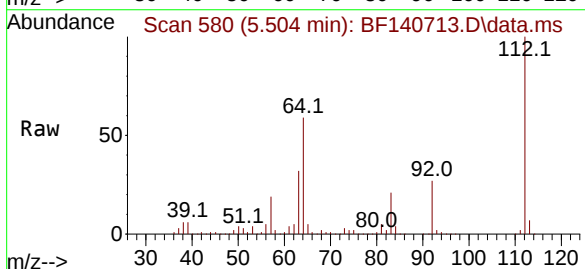
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63

Tgt Ion:152 Resp: 77226
Ion Ratio Lower Upper
152 100
150 155.1 128.5 192.7
115 60.1 50.2 75.4



#5
2-Fluorophenol
Concen: 102.978 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

Tgt Ion:112 Resp: 466095
Ion Ratio Lower Upper
112 100
64 58.7 49.2 73.8
63 31.7 27.0 40.4

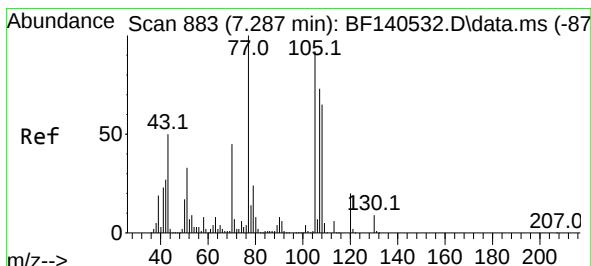
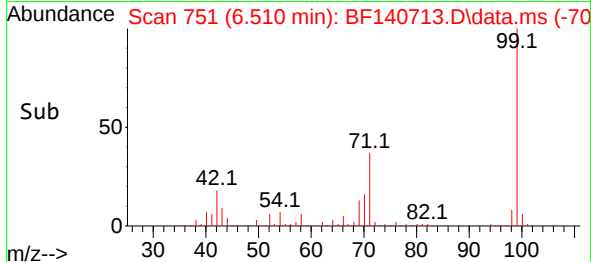
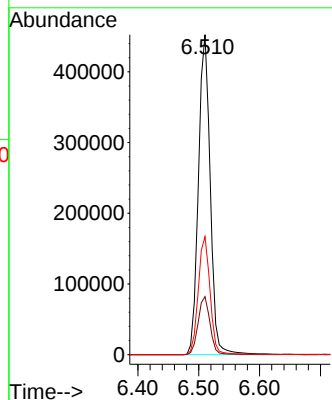
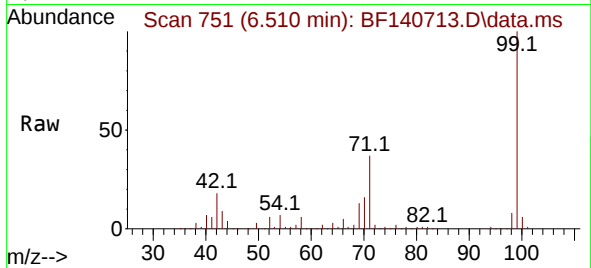




#7
Phenol-d6
Concen: 101.915 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

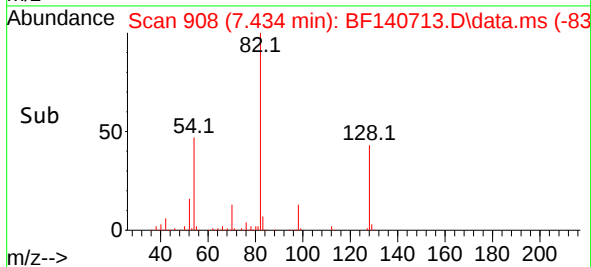
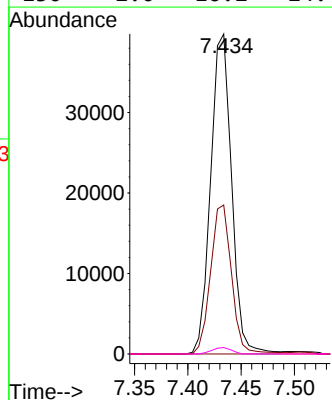
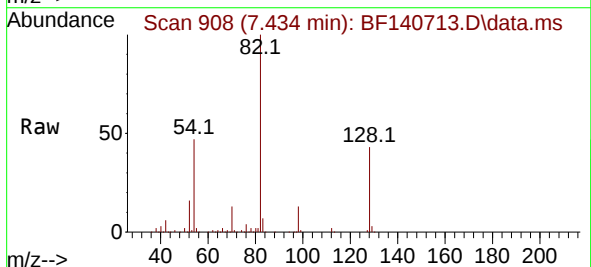
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63

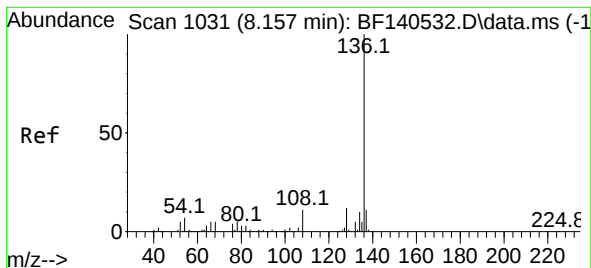
Tgt Ion: 99 Resp: 609832
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.9 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.359 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

Tgt Ion: 70 Resp: 54314
Ion Ratio Lower Upper
70 100
42 46.5 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: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140713.D

Acq: 03 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63

Tgt Ion:136 Resp: 302553

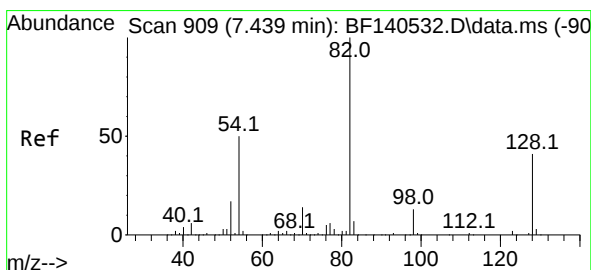
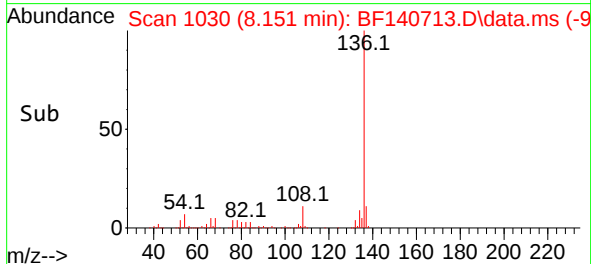
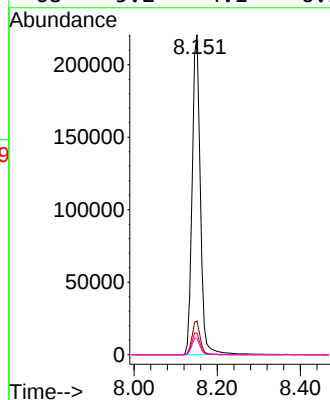
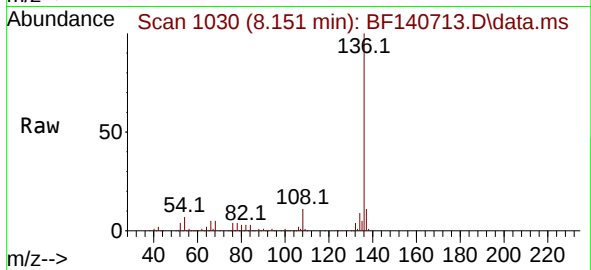
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.8 5.8 8.8

68 5.2 4.1 6.1



#23

Nitrobenzene-d5

Concen: 68.501 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140713.D

Acq: 03 Dec 2024 16:16

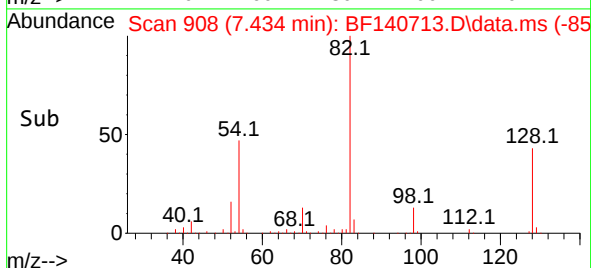
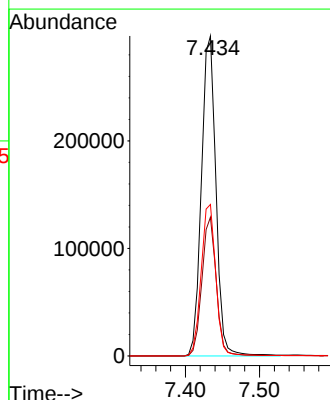
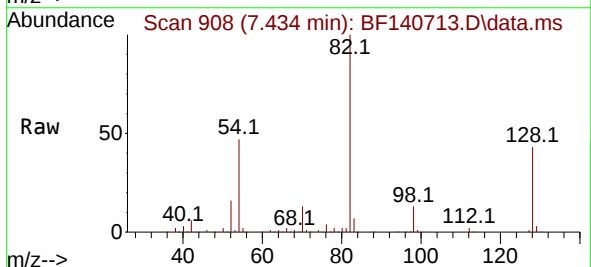
Tgt Ion: 82 Resp: 405182

Ion Ratio Lower Upper

82 100

128 43.3 33.0 49.4

54 47.4 39.5 59.3

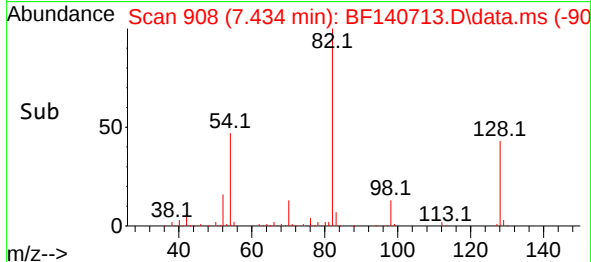
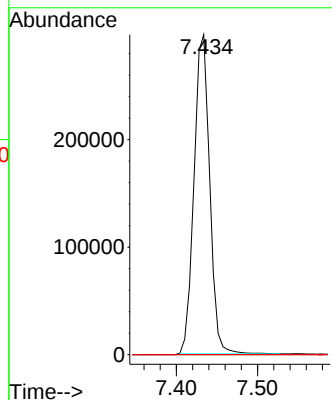
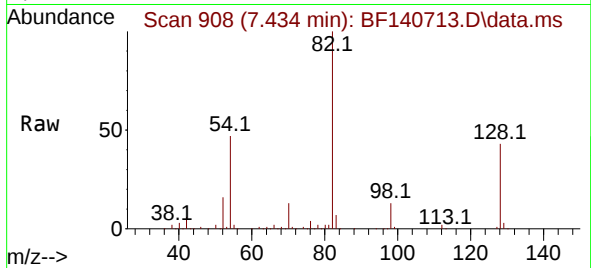




#25
Isophorone
Concen: 40.444 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

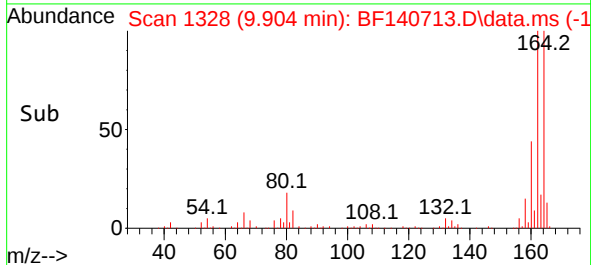
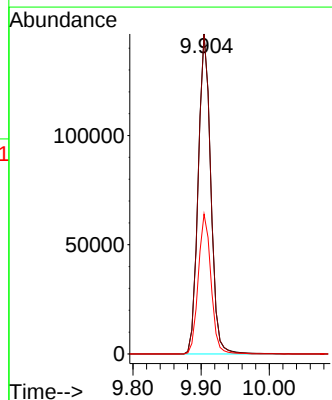
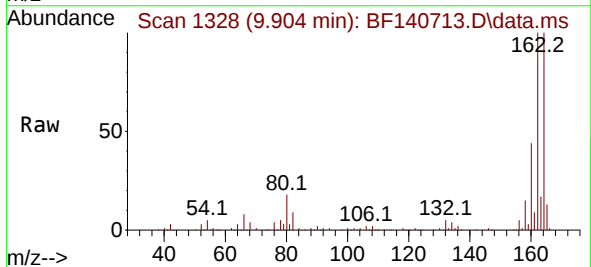
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63

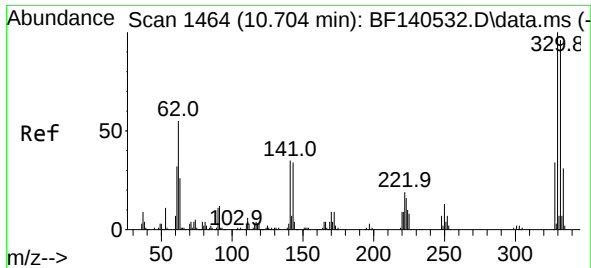
Tgt Ion: 82 Resp: 399012
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

Tgt Ion:164 Resp: 187592
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 43.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 108.268 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140713.D

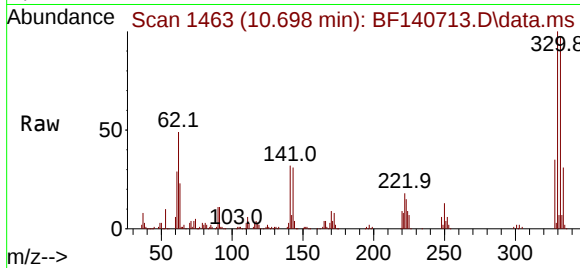
Acq: 03 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63



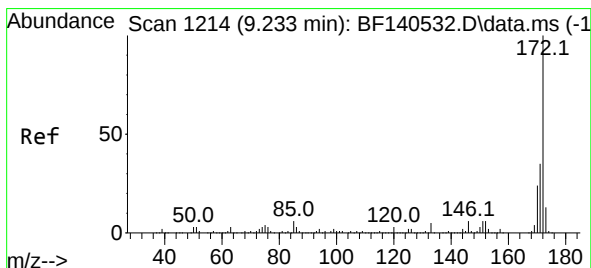
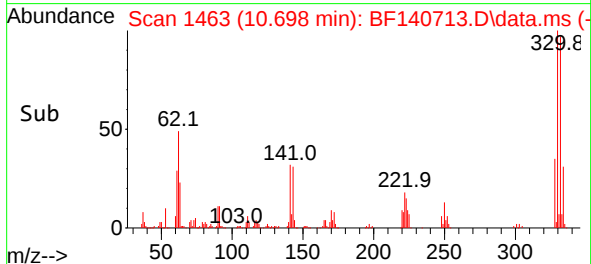
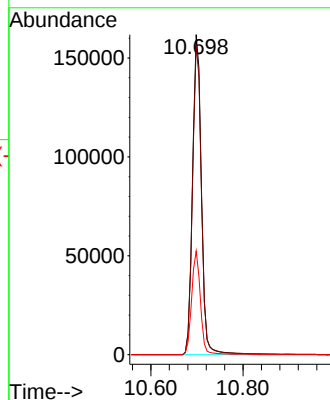
Tgt Ion:330 Resp: 217220

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 32.0 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 68.420 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140713.D

Acq: 03 Dec 2024 16:16

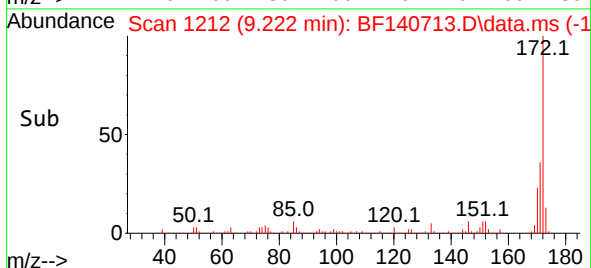
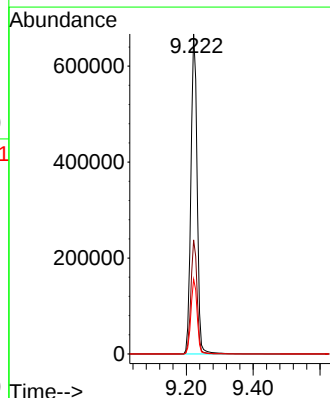
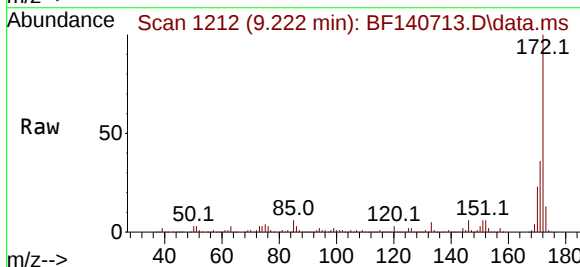
Tgt Ion:172 Resp: 861448

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.4 19.0 28.6

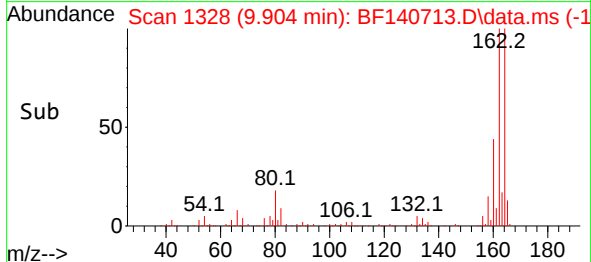
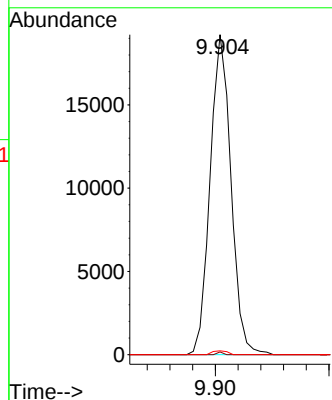
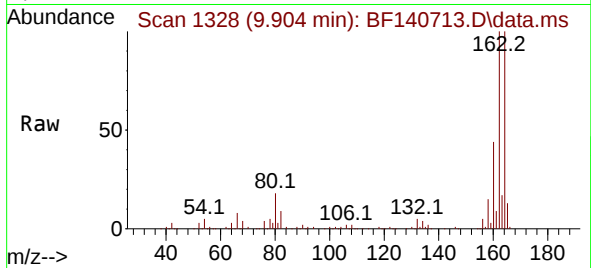




#51
2,6-Dinitrotoluene
Concen: 8.750 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

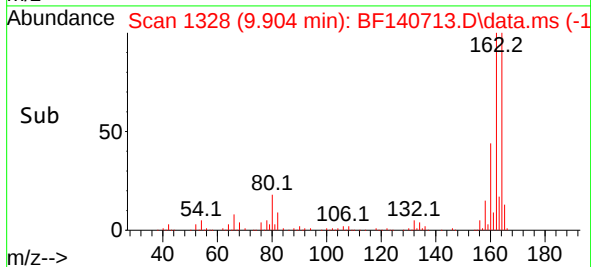
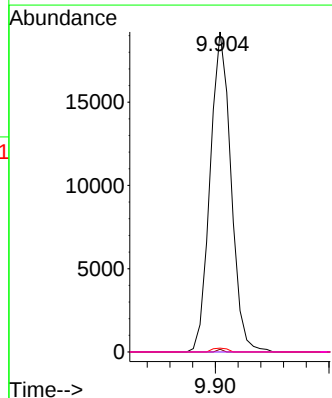
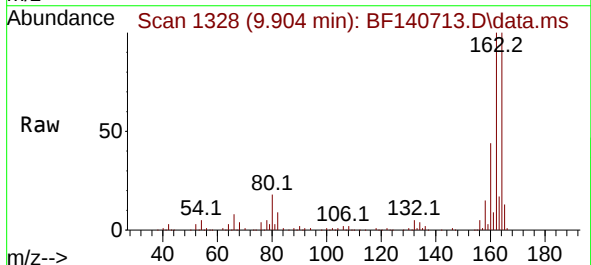
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OR-640-COMP-63

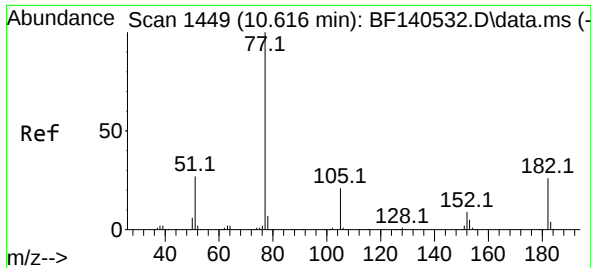
Tgt Ion:165 Resp: 24516
Ion Ratio Lower Upper
165 100
63 0.8 49.9 74.9#
89 1.2 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.583 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

Tgt Ion:165 Resp: 24516
Ion Ratio Lower Upper
165 100
63 0.8 41.7 62.5#
89 1.2 65.8 98.8#
182 0.0 2.1 3.1#

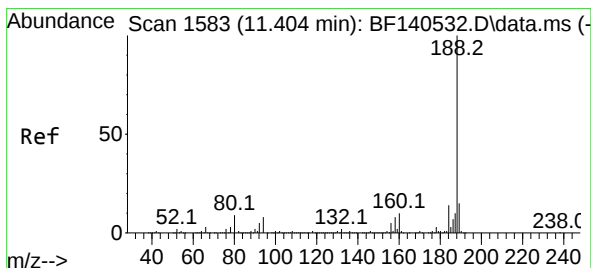
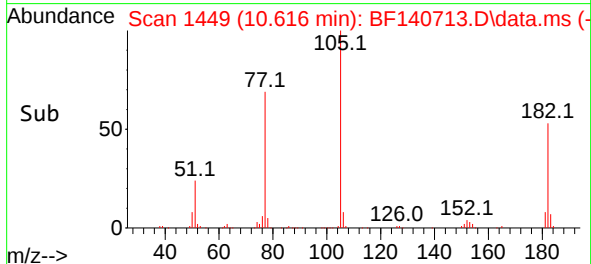
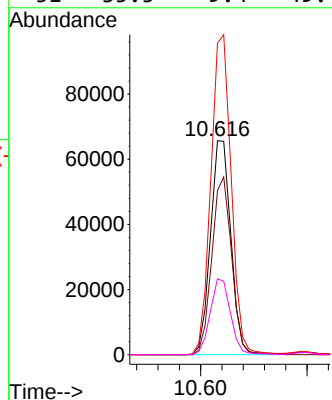
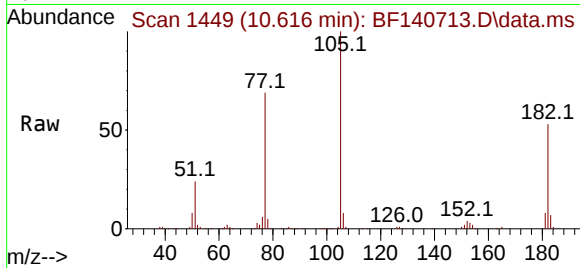




#63
Azobenzene
Concen: 7.369 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

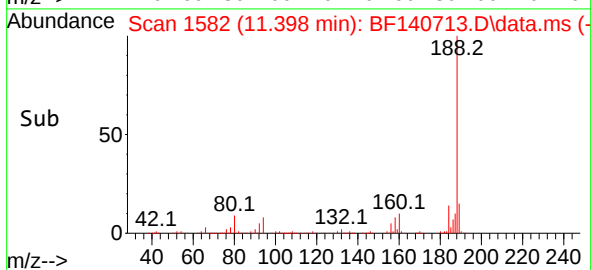
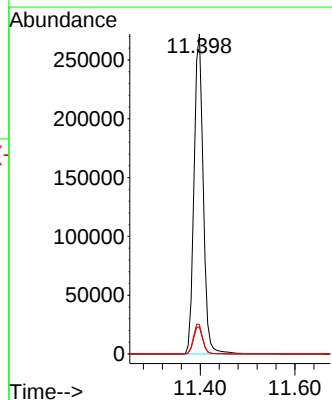
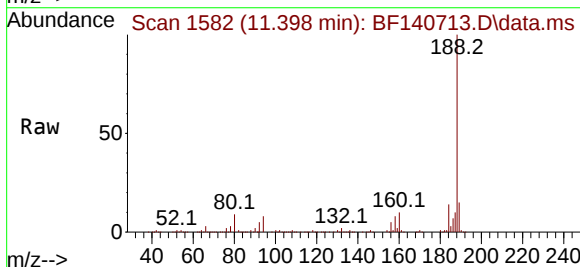
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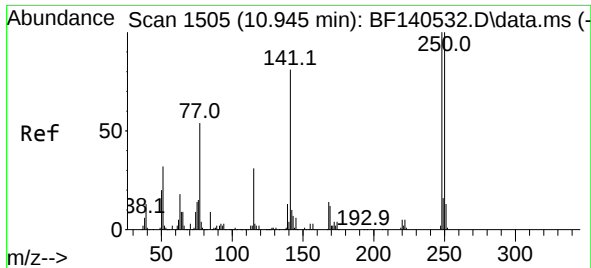
Tgt Ion: 77	Resp: 87592
Ion Ratio	Lower Upper
77 100	
182 76.7	5.3 45.3#
105 145.7	0.3 40.3#
51 35.5	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

Tgt Ion: 188	Resp: 367282
Ion Ratio	Lower Upper
188 100	
94 8.5	6.4 9.6
80 9.2	6.9 10.3

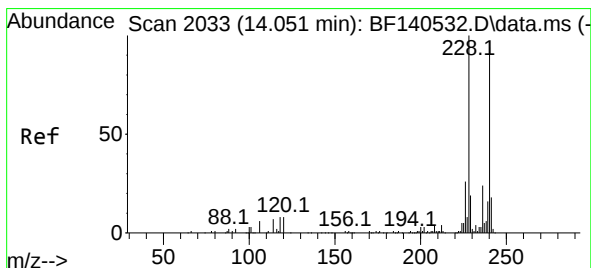
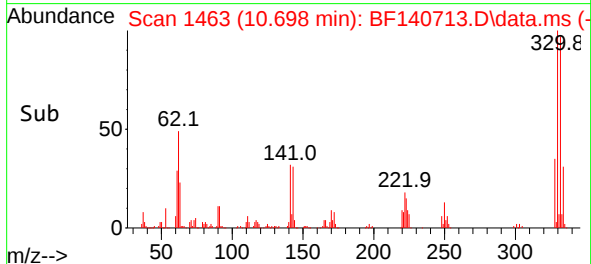
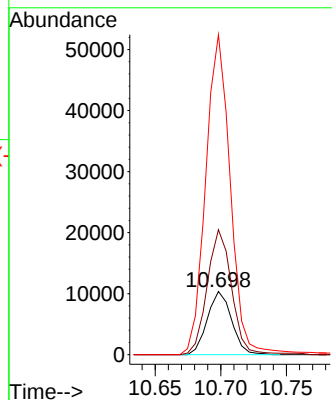
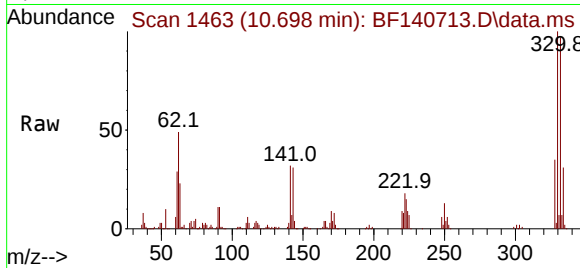




#67
4-Bromophenyl-phenylether
Concen: 3.537 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

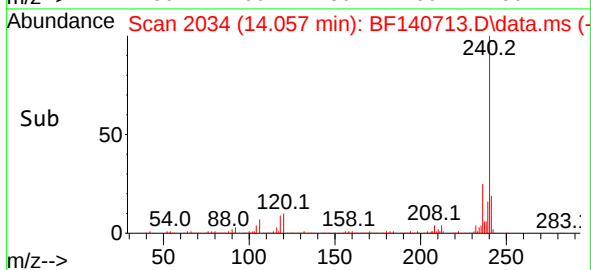
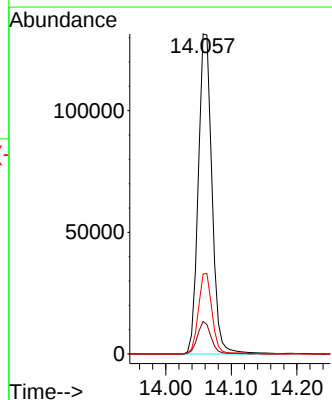
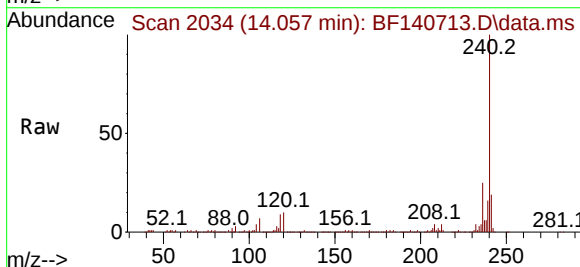
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63

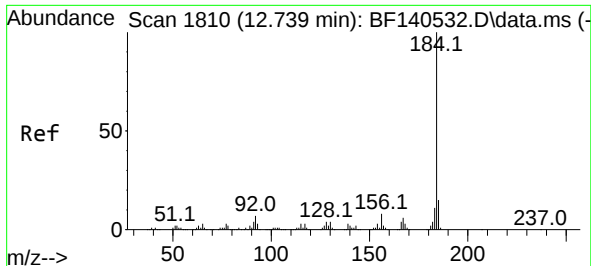
Tgt Ion:248 Resp: 13377
Ion Ratio Lower Upper
248 100
250 197.8 79.8 119.8#
141 506.3 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

Tgt Ion:240 Resp: 191356
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 25.0 20.6 31.0

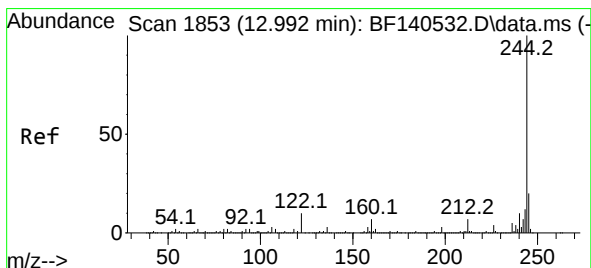
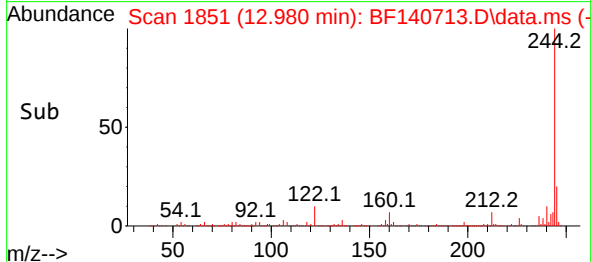
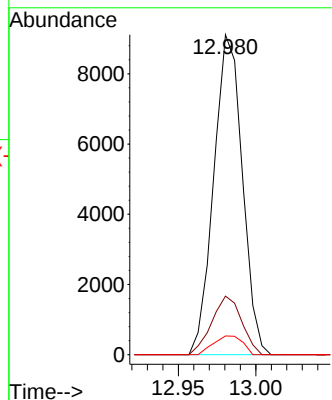
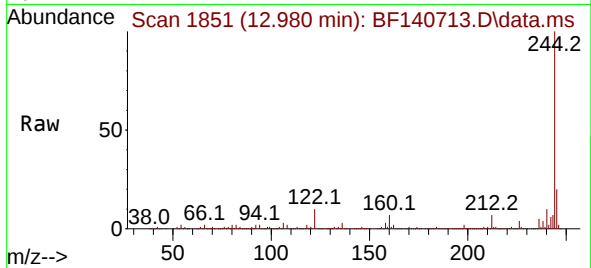




#77
Benzidine
Concen: 2.099 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

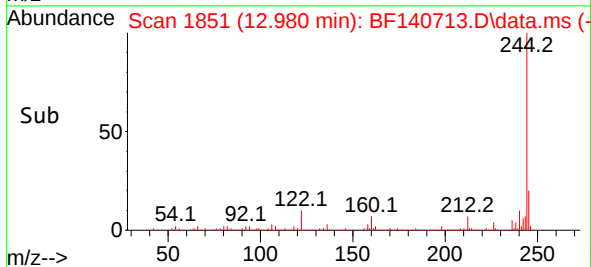
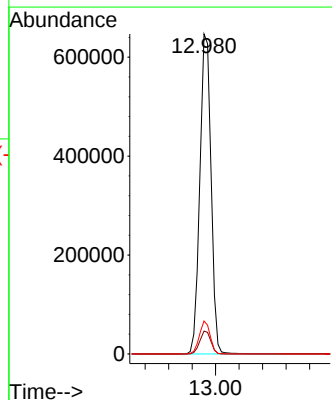
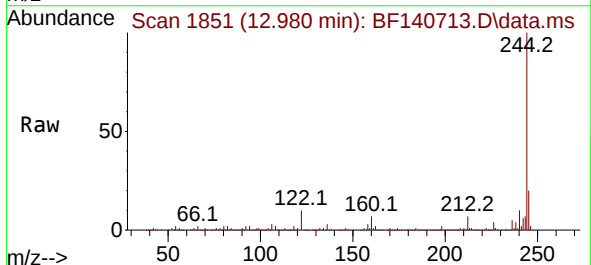
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63

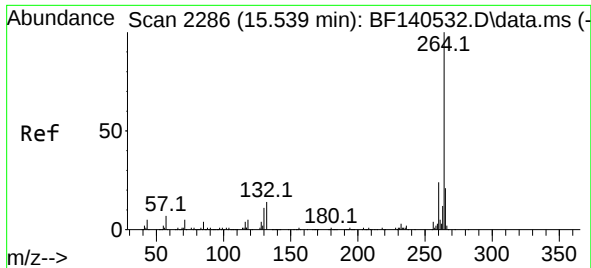
Tgt Ion:184 Resp: 11676
Ion Ratio Lower Upper
184 100
185 18.3 11.7 17.5#
183 5.9 8.8 13.2#



#79
Terphenyl-d14
Concen: 69.601 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140713.D
Acq: 03 Dec 2024 16:16

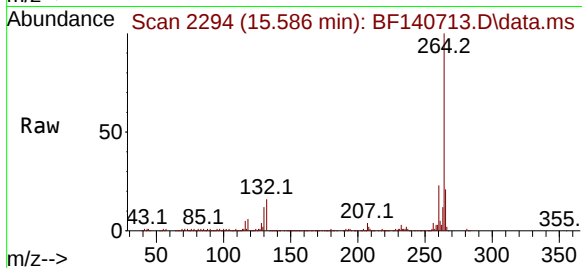
Tgt Ion:244 Resp: 855332
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.3 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 21
 Delta R.T. 0.047 min
 Lab File: BF140713.D
 Acq: 03 Dec 2024 16:16

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



Tgt Ion:264 Resp: 190537
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.1 16.6 25.0

