

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140817.D
 Acq On : 10 Dec 2024 20:11
 Operator : RC/JU
 Sample : P5216-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-743

Quant Time: Dec 11 00:35:22 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)

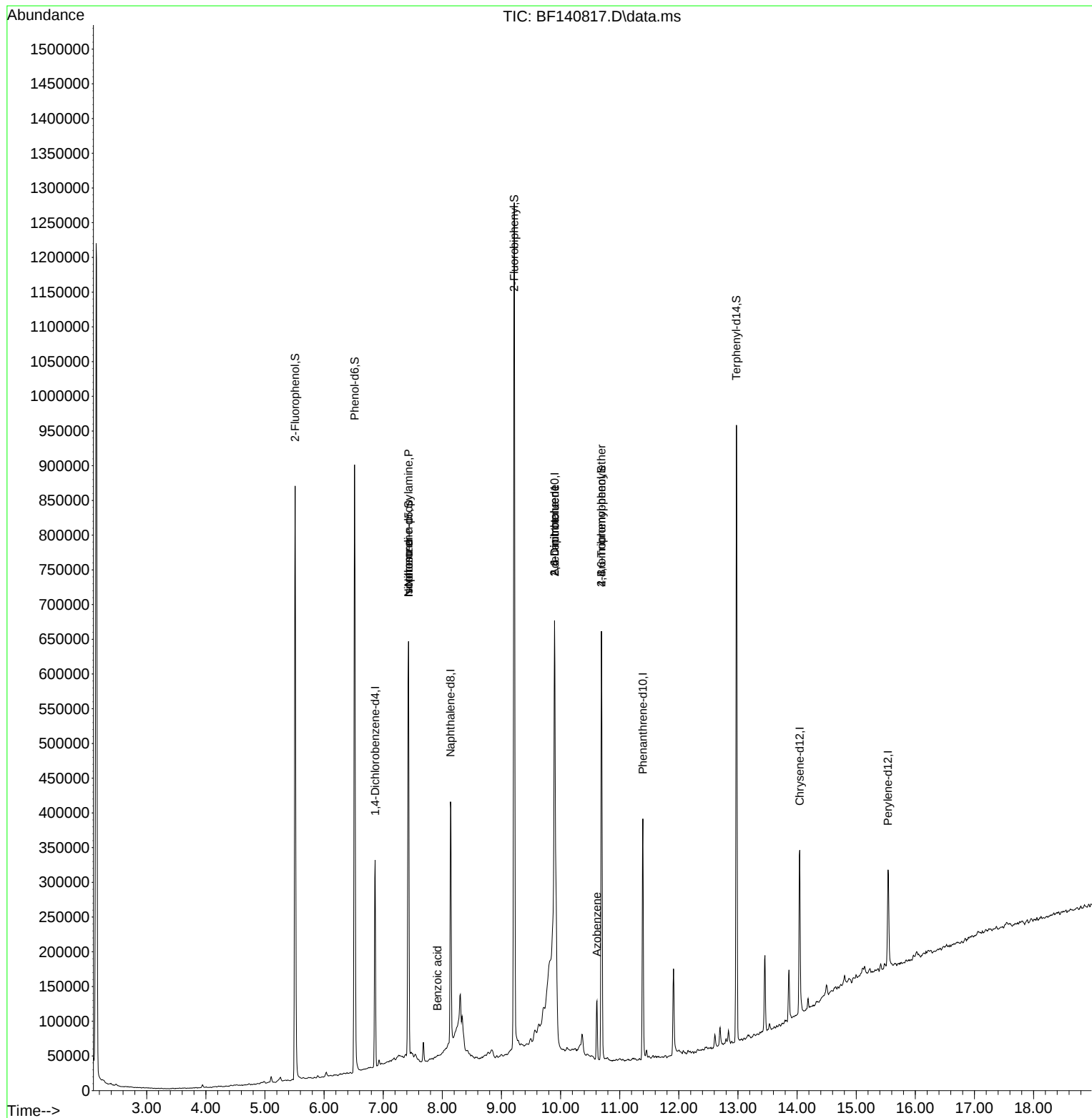
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	62869	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	227065	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	117125	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	185297	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	113576	20.000	ng	0.00
86) Perylene-d12	15.539	264	88175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	331465	89.957	ng	0.01
7) Phenol-d6	6.516	99	406446	83.437	ng	0.00
23) Nitrobenzene-d5	7.428	82	274744	61.891	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	104440	83.375	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	525814	66.889	ng	-0.02
79) Terphenyl-d14	12.974	244	434348	59.549	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	38080	13.227	ng	# 81
25) Isophorone	7.428	82	274662	37.095	ng	# 66
32) Benzoic acid	7.916	122	116	7.239	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	15184	8.679	ng	# 33
57) 2,4-Dinitrotoluene	9.898	165	15184	6.531	ng	# 30
63) Azobenzene	10.616	77	22624	3.048	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	6725	3.524	ng	# 1

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

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QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

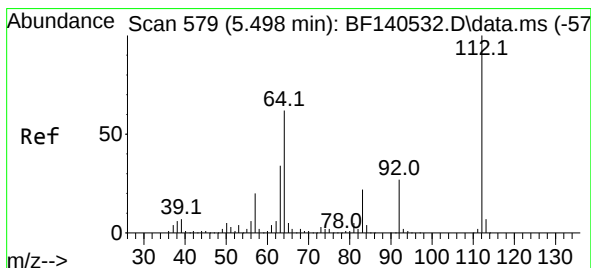
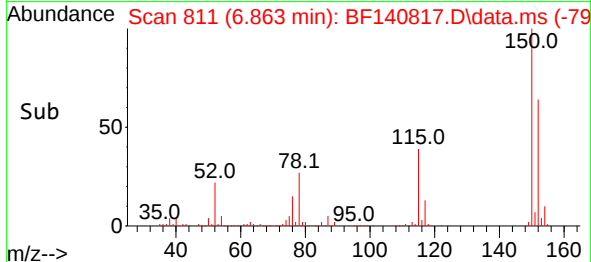
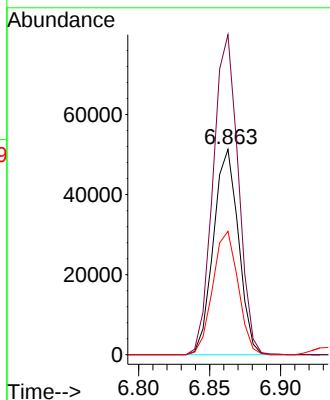
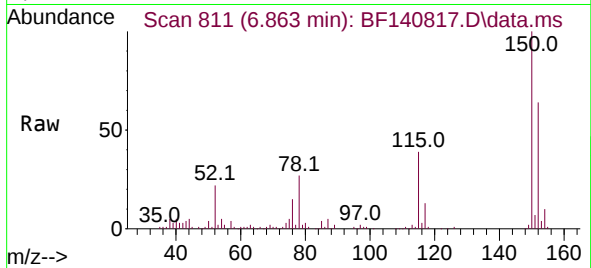




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

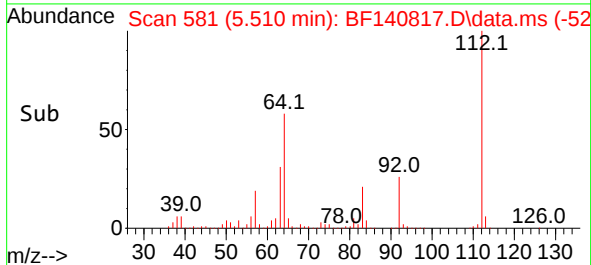
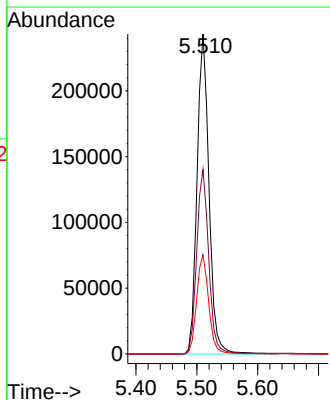
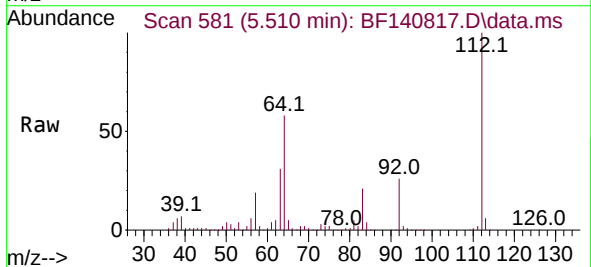
Instrument :
BNA_F
ClientSampleId :
MH-743

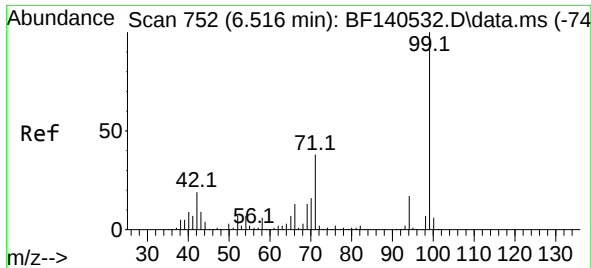
Tgt Ion:152 Resp: 62869
Ion Ratio Lower Upper
152 100
150 155.9 128.5 192.7
115 60.1 50.2 75.4



#5
2-Fluorophenol
Concen: 89.957 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

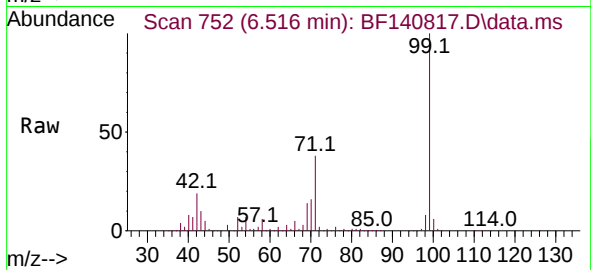
Tgt Ion:112 Resp: 331465
Ion Ratio Lower Upper
112 100
64 57.7 49.2 73.8
63 31.1 27.0 40.4



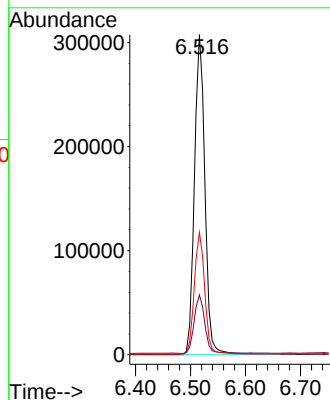
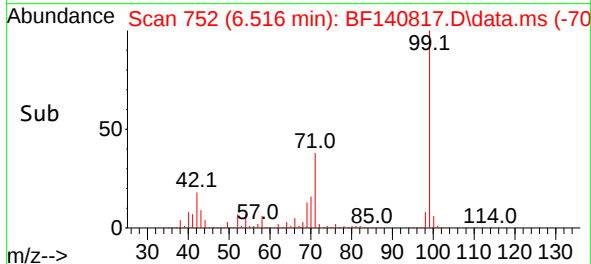


#7
Phenol-d6
Concen: 83.437 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

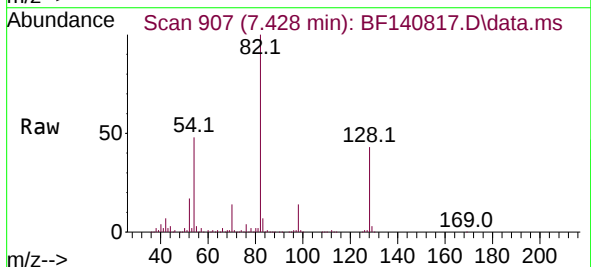
Instrument :
BNA_F
ClientSampleId :
MH-743



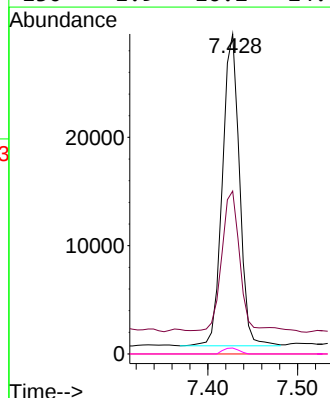
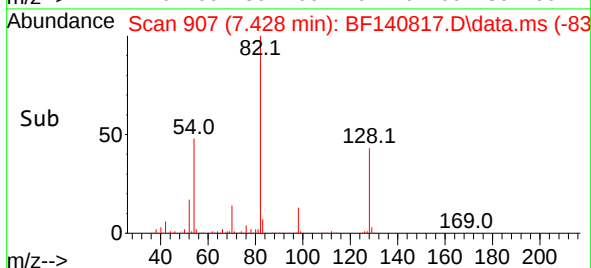
Tgt Ion: 99 Resp: 406446
Ion Ratio Lower Upper
99 100
42 18.7 15.4 23.0
71 38.2 30.6 46.0

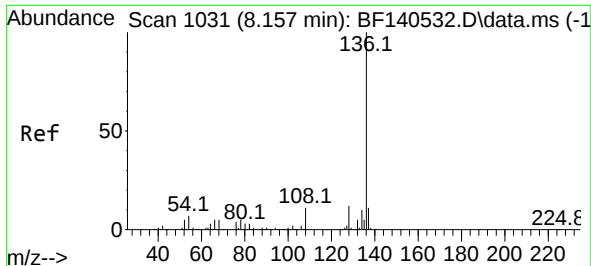


#19
n-Nitroso-di-n-propylamine
Concen: 13.227 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11



Tgt Ion: 70 Resp: 38080
Ion Ratio Lower Upper
70 100
42 50.9 47.6 71.4
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#



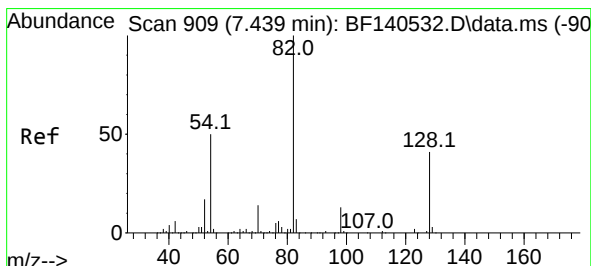
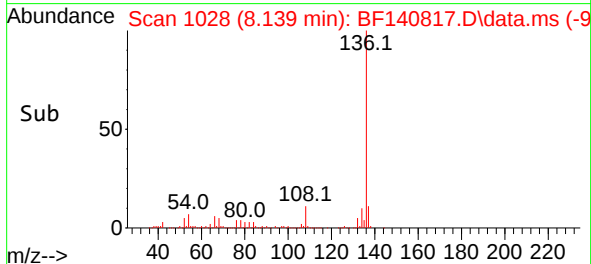
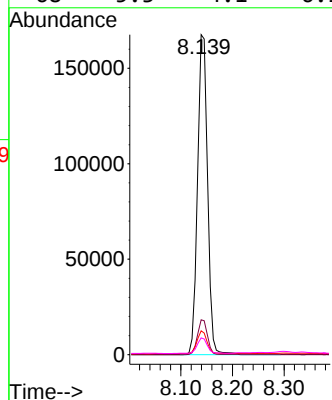
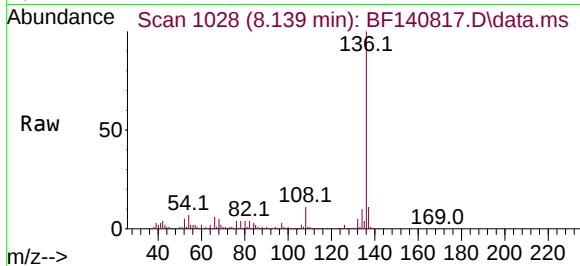


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

Instrument :
BNA_F
ClientSampleId :
MH-743

Tgt Ion:136 Resp: 227065

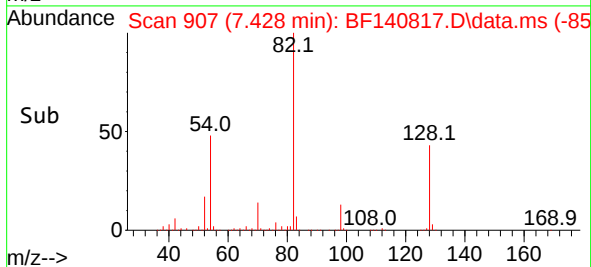
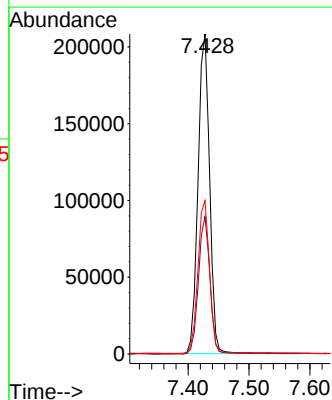
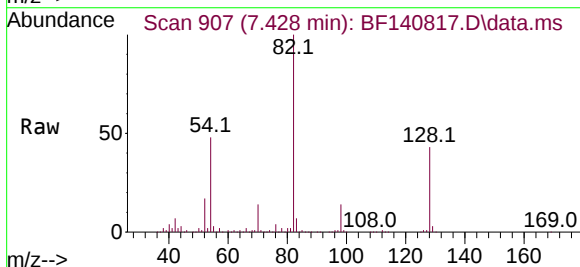
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.5	5.8	8.8
68	5.3	4.1	6.1

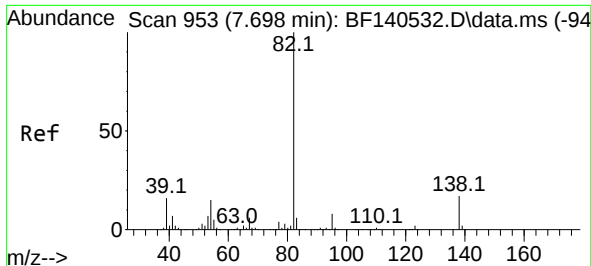


#23
Nitrobenzene-d5
Concen: 61.891 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

Tgt Ion: 82 Resp: 274744

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.0	49.4
54	47.9	39.5	59.3

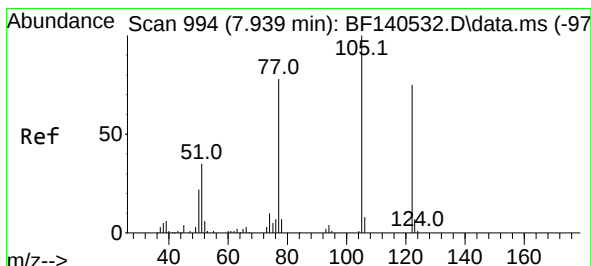
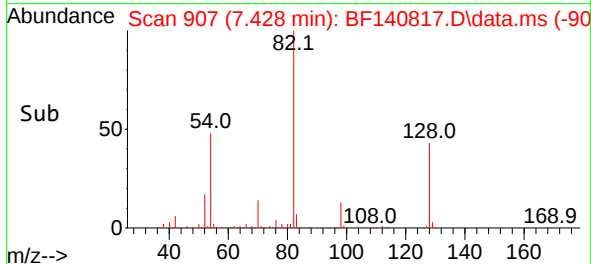
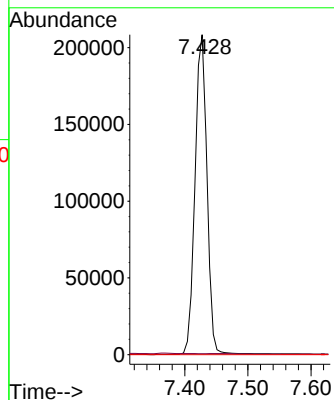
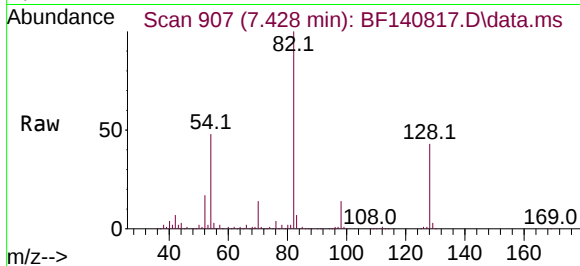




#25
Isophorone
Concen: 37.095 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

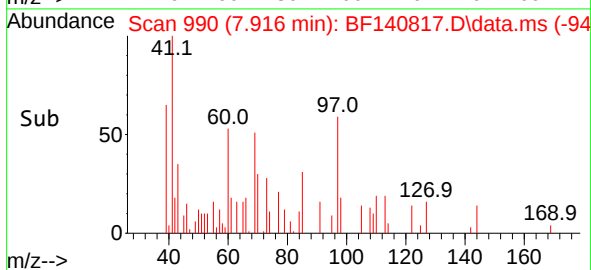
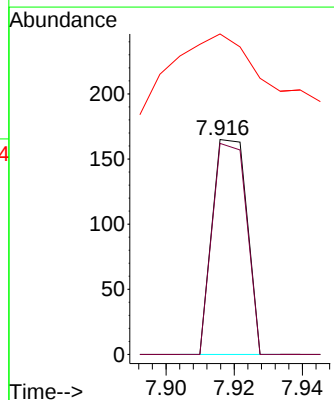
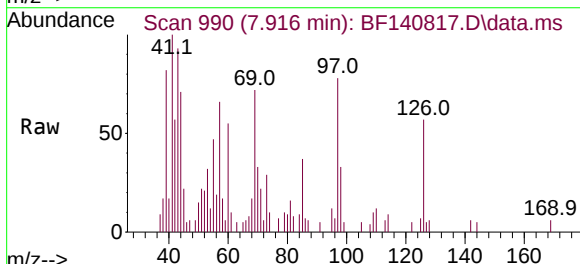
Instrument :
BNA_F
ClientSampleId :
MH-743

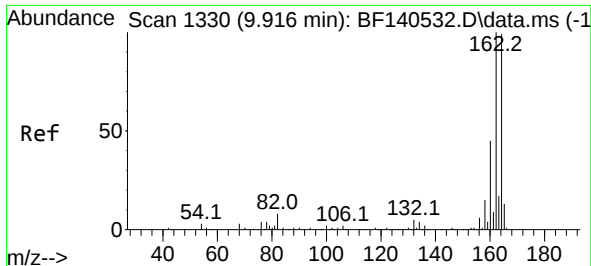
Tgt Ion: 82 Resp: 274662
Ion Ratio Lower Upper
82 100
95 0.3 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.239 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.023 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

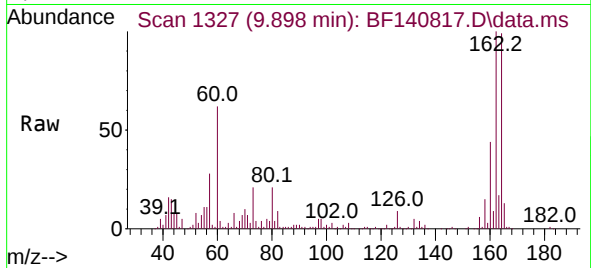
Tgt Ion:122 Resp: 116
Ion Ratio Lower Upper
122 100
105 98.2 109.3 149.3#
77 149.1 82.3 122.3#



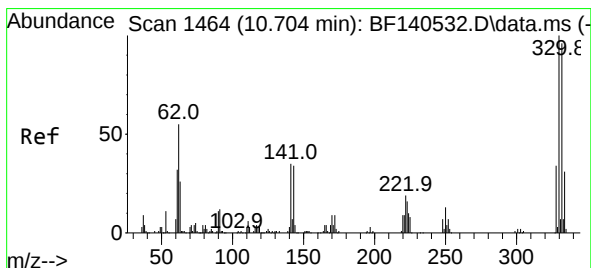
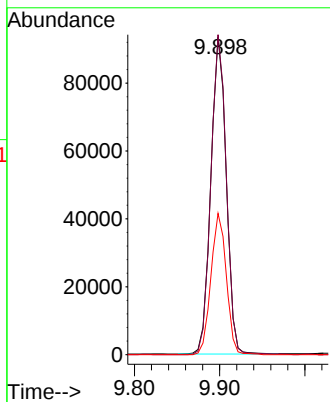
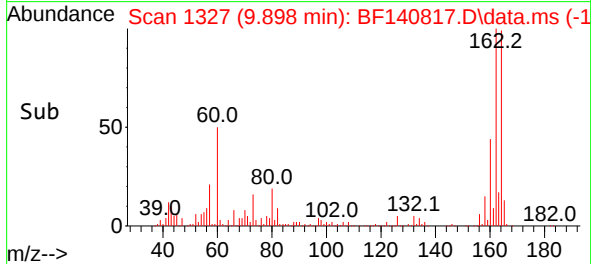


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

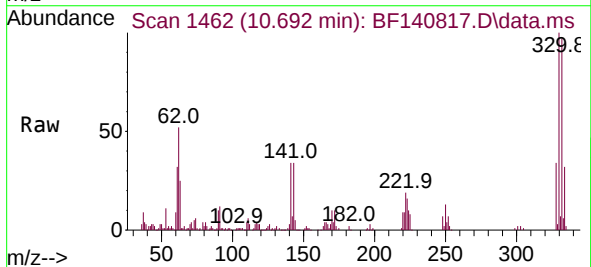
Instrument :
BNA_F
ClientSampleId :
MH-743



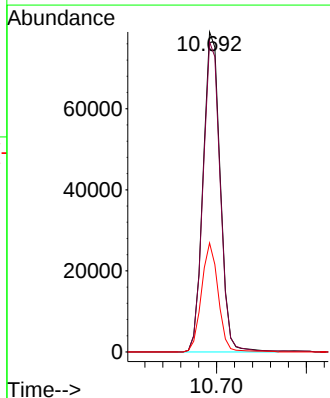
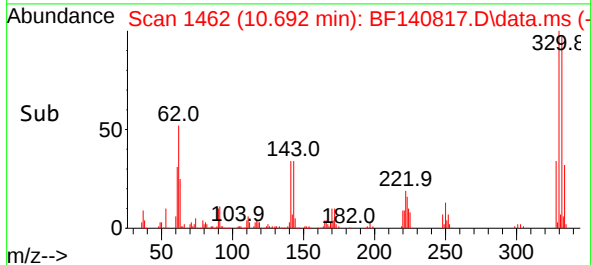
Tgt Ion:164 Resp: 117125
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.5 36.2 54.4

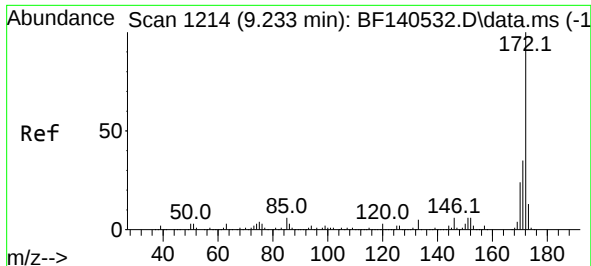


#42
2,4,6-Tribromophenol
Concen: 83.375 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11



Tgt Ion:330 Resp: 104440
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 33.4 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 66.889 ng

RT: 9.216 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF140817.D

Acq: 10 Dec 2024 20:11

Instrument :

BNA_F

ClientSampleId :

MH-743

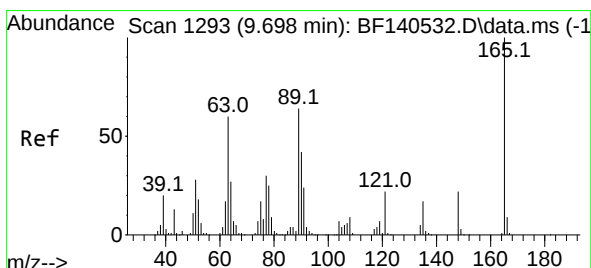
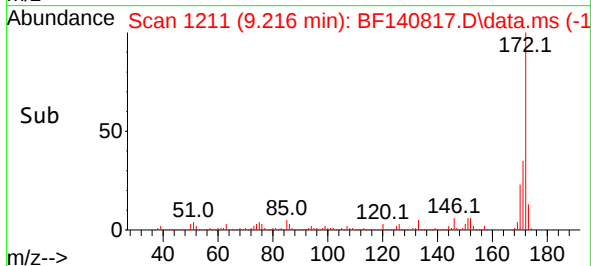
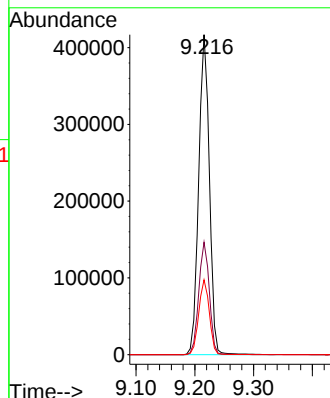
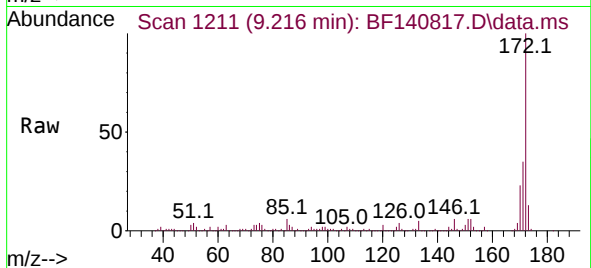
Tgt Ion:172 Resp: 525814

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.4 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.679 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.200 min

Lab File: BF140817.D

Acq: 10 Dec 2024 20:11

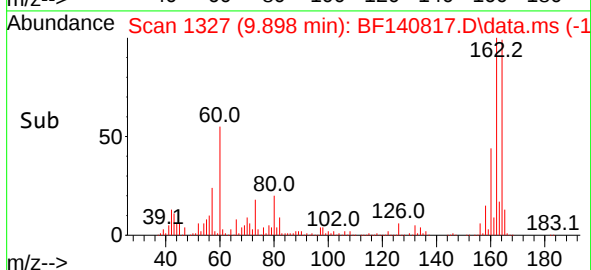
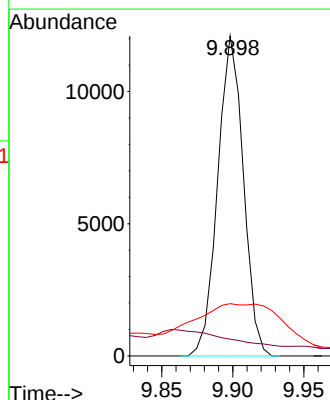
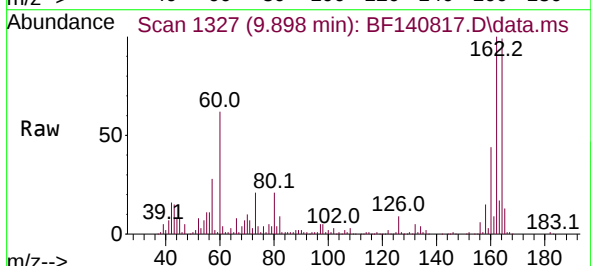
Tgt Ion:165 Resp: 15184

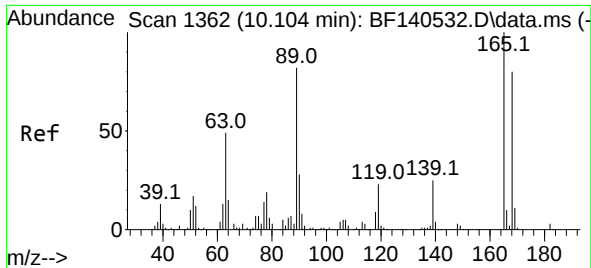
Ion Ratio Lower Upper

165 100

63 5.2 49.9 74.9#

89 16.3 50.9 76.3#

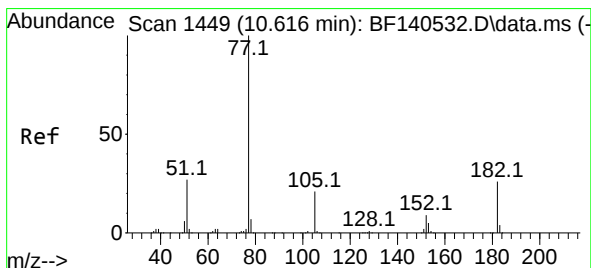
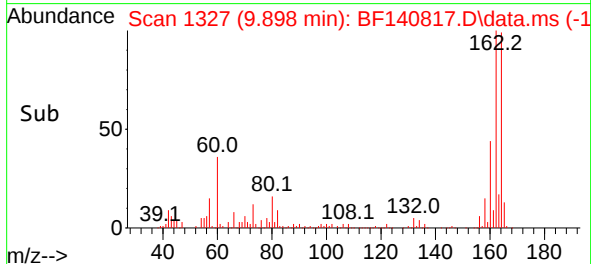
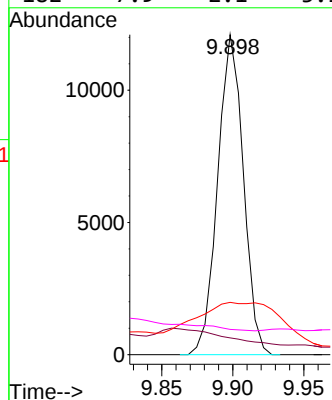
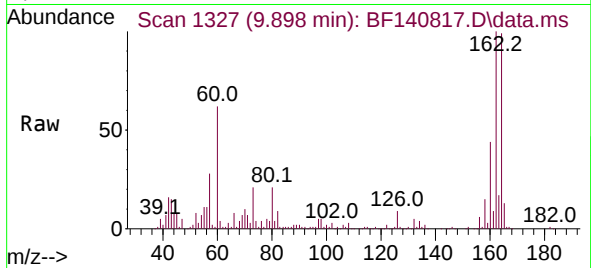




#57
2,4-Dinitrotoluene
Concen: 6.531 ng
RT: 9.898 min Scan# 1362
Delta R.T. -0.206 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

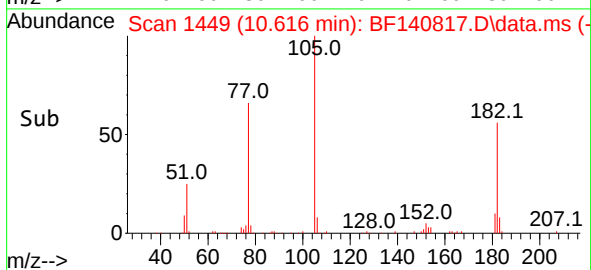
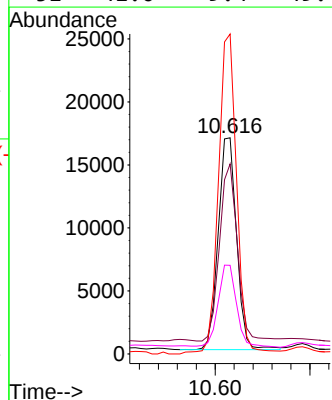
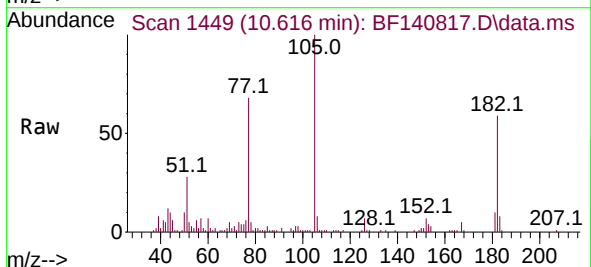
Instrument :
BNA_F
ClientSampleId :
MH-743

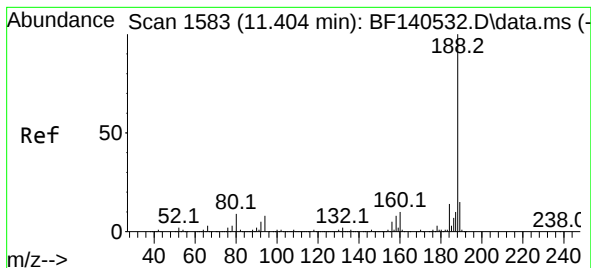
Tgt Ion:165 Resp: 15184
Ion Ratio Lower Upper
165 100
63 5.2 41.7 62.5#
89 16.3 65.8 98.8#
182 7.9 2.1 3.1#



#63
Azobenzene
Concen: 3.048 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

Tgt Ion: 77 Resp: 22624
Ion Ratio Lower Upper
77 100
182 88.0 5.3 45.3#
105 148.0 0.3 40.3#
51 41.0 9.4 49.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140817.D

Acq: 10 Dec 2024 20:11

Instrument :

BNA_F

ClientSampleId :

MH-743

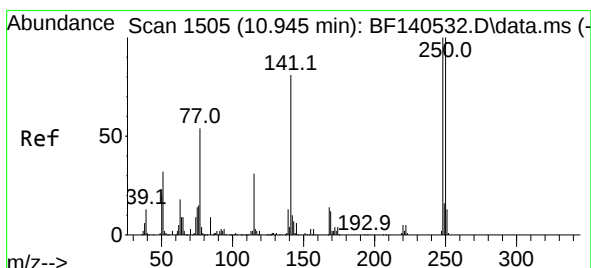
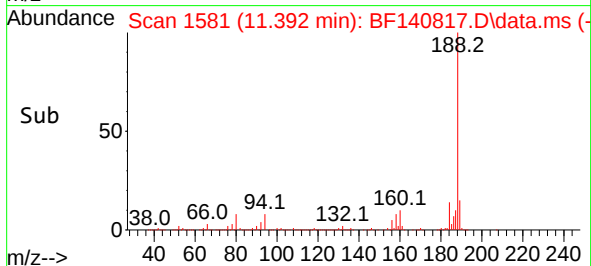
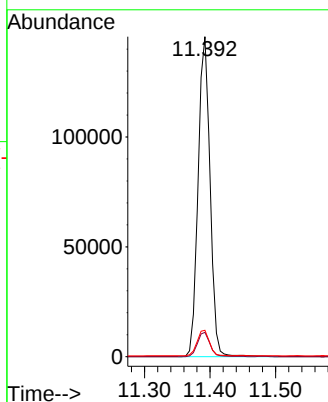
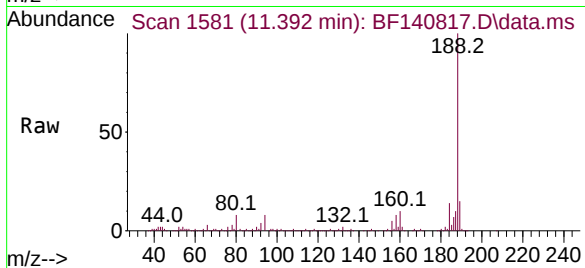
Tgt Ion:188 Resp: 185297

Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 8.2 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 3.524 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.253 min

Lab File: BF140817.D

Acq: 10 Dec 2024 20:11

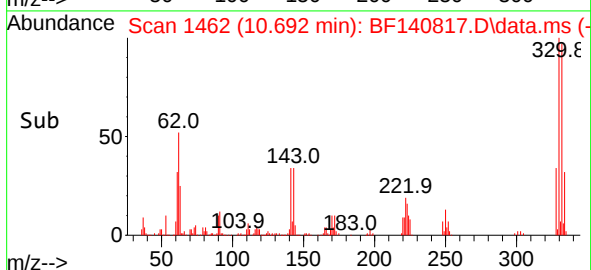
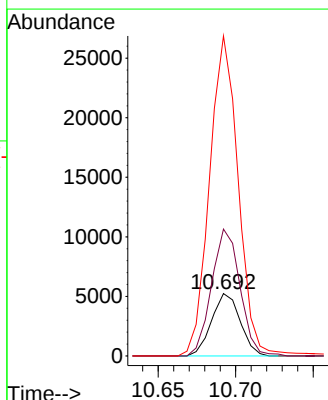
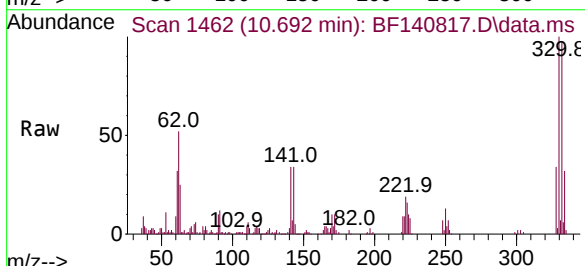
Tgt Ion:248 Resp: 6725

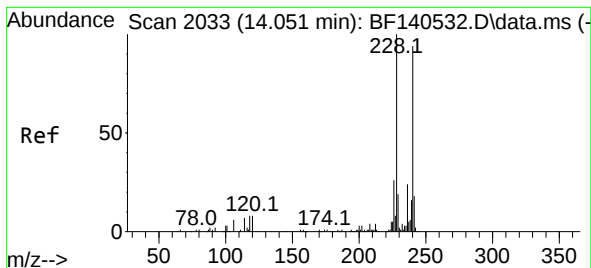
Ion Ratio Lower Upper

248 100

250 203.5 79.8 119.8#

141 513.1 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140817.D

Acq: 10 Dec 2024 20:11

Instrument :

BNA_F

ClientSampleId :

MH-743

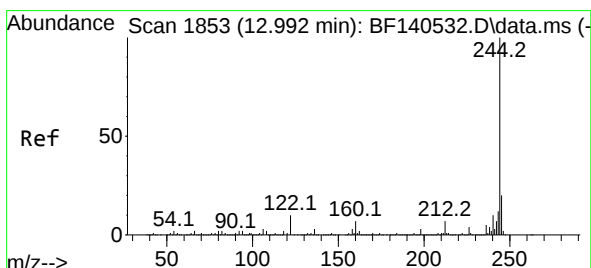
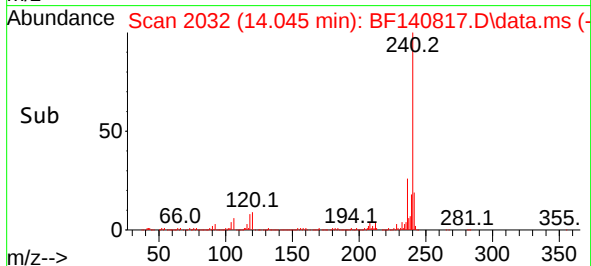
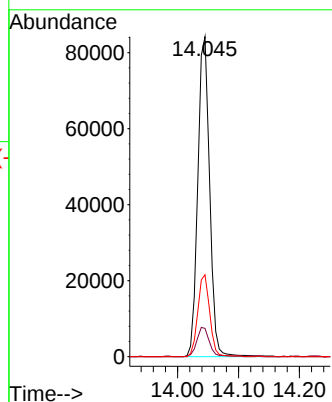
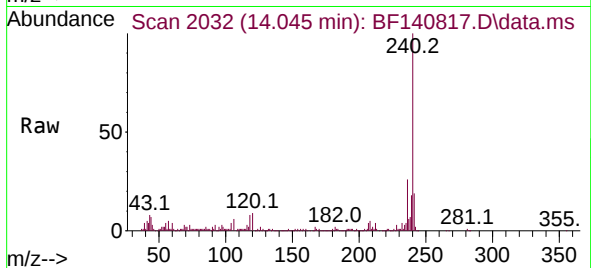
Tgt Ion:240 Resp: 113576

Ion Ratio Lower Upper

240 100

120 8.9 7.3 10.9

236 25.6 20.6 31.0



#79

Terphenyl-d14

Concen: 59.549 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.018 min

Lab File: BF140817.D

Acq: 10 Dec 2024 20:11

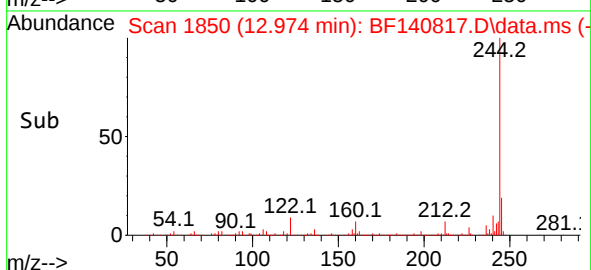
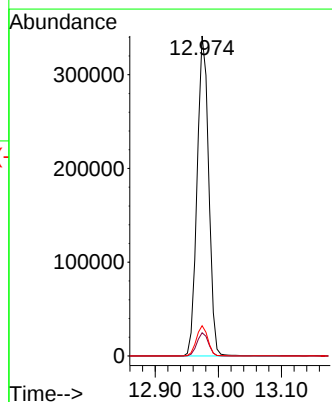
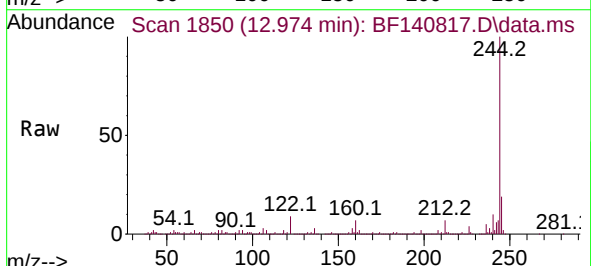
Tgt Ion:244 Resp: 434348

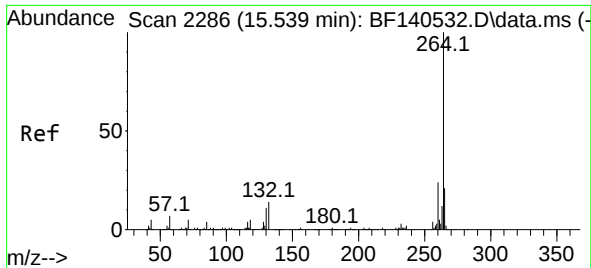
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

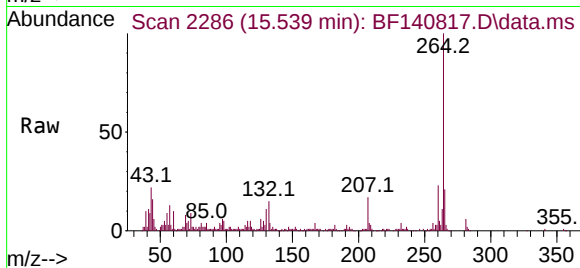
122 9.4 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

Instrument :
BNA_F
ClientSampleId :
MH-743



Tgt Ion:	264	Resp:	88175
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.0	28.6
265	21.1	16.6	25.0

