

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140407.D
 Acq On : 15 Nov 2024 16:47
 Operator : RC/JU
 Sample : P4807-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Nov 15 17:12:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

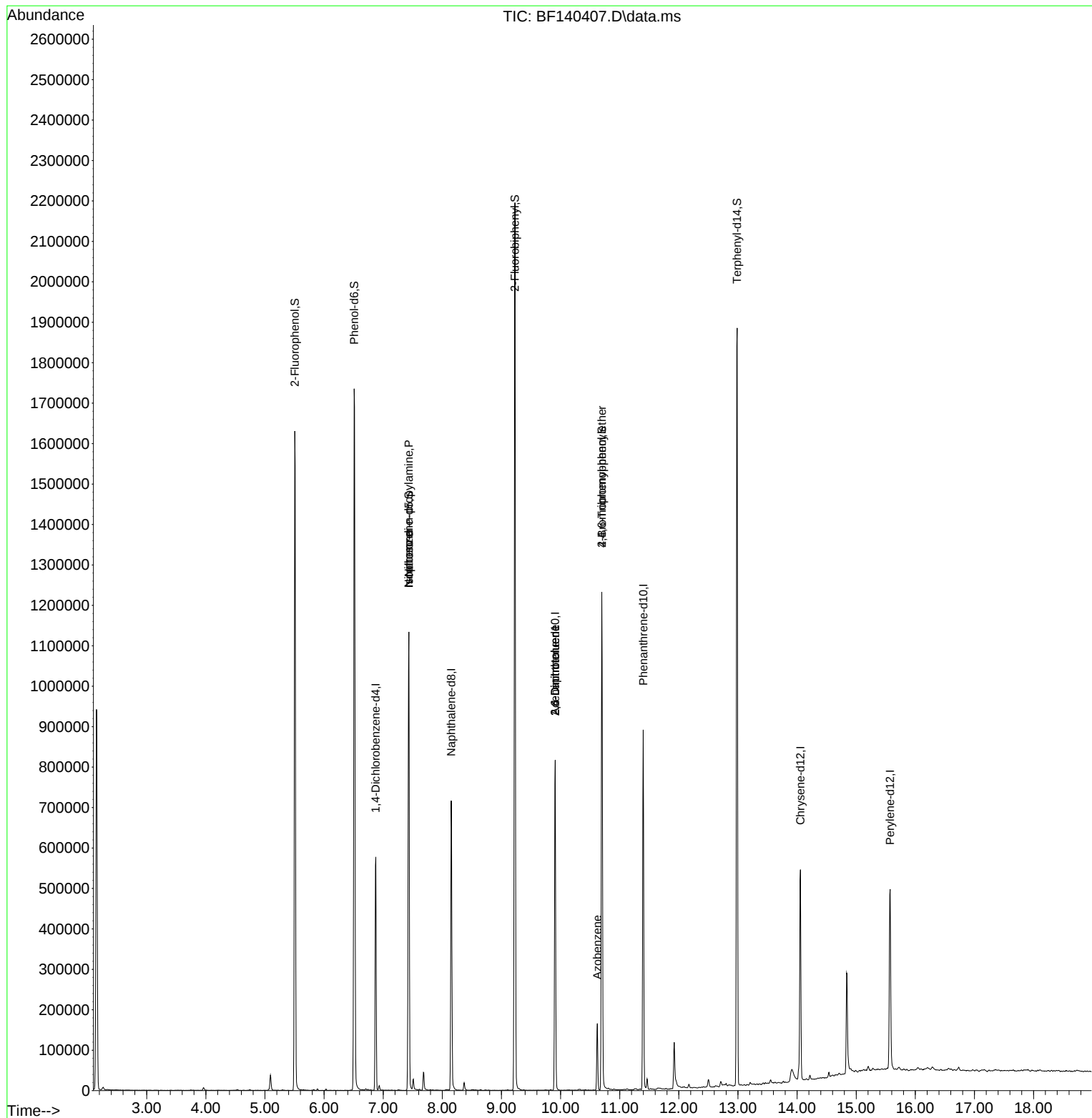
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	122929	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	464126	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	253140	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	470612	20.000	ng	0.00
76) Chrysene-d12	14.057	240	255758	20.000	ng	0.00
86) Perylene-d12	15.574	264	269300	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	615955	85.551	ng	0.01
7) Phenol-d6	6.510	99	848585	86.993	ng	0.00
23) Nitrobenzene-d5	7.434	82	527836	59.255	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	207050	82.252	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	986004	62.615	ng	0.00
79) Terphenyl-d14	12.986	244	935059	63.461	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.434	70	70102	11.899	ng	# 77
25) Isophorone	7.434	82	520350	32.960	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	32116	8.538	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	32116	6.487	ng	# 20
63) Azobenzene	10.622	77	43245	2.594	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	13577	2.886	ng	# 1

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

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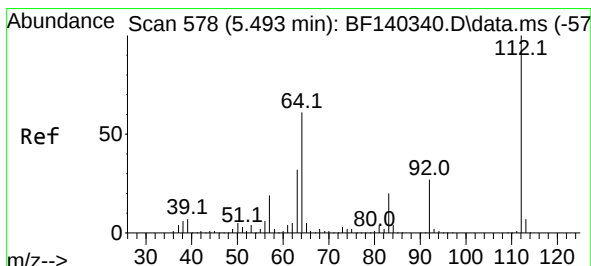
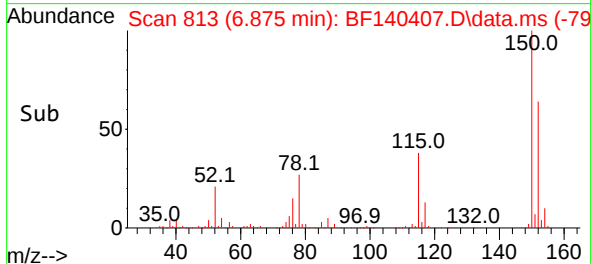
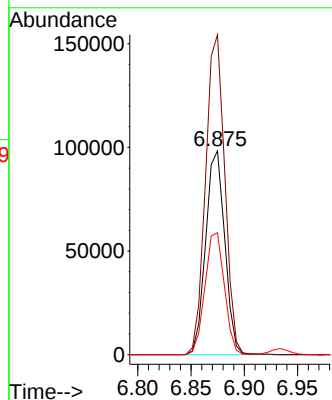
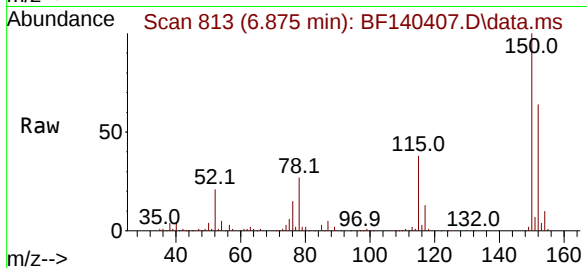




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140407.D
Acq: 15 Nov 2024 16:47

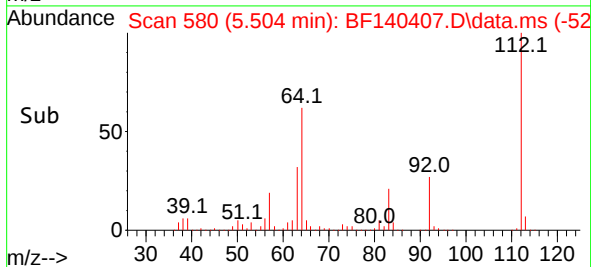
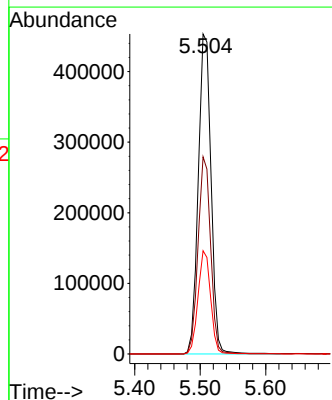
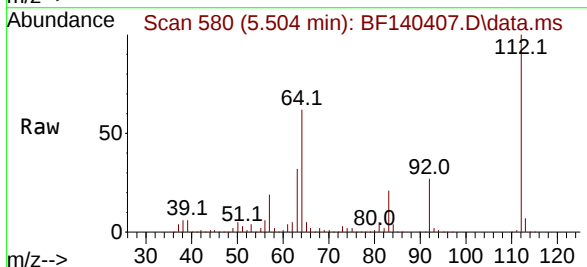
Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:152 Resp: 122929
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.0
115 59.8 47.4 71.2



#5
2-Fluorophenol
Concen: 85.551 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140407.D
Acq: 15 Nov 2024 16:47

Tgt Ion:112 Resp: 615955
Ion Ratio Lower Upper
112 100
64 61.6 49.2 73.8
63 32.3 25.6 38.4

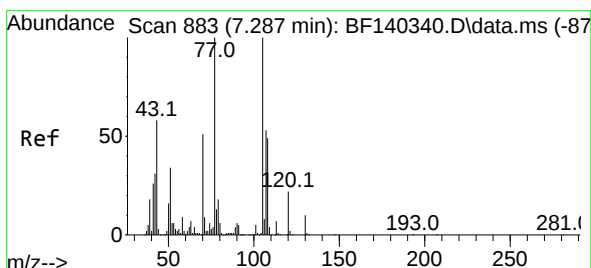
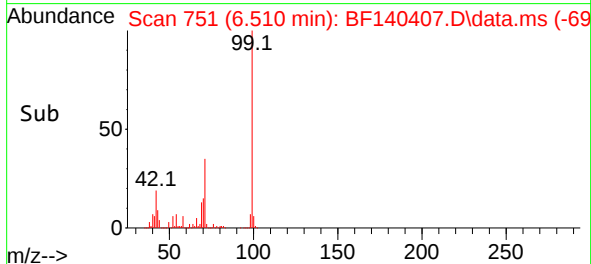
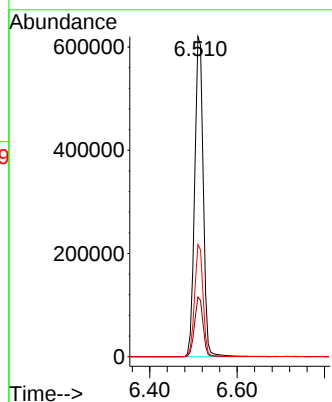
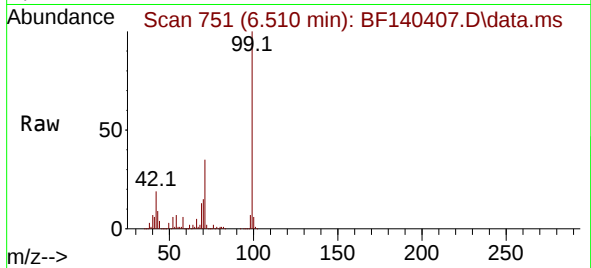




#7
Phenol-d6
Concen: 86.993 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140407.D
Acq: 15 Nov 2024 16:47

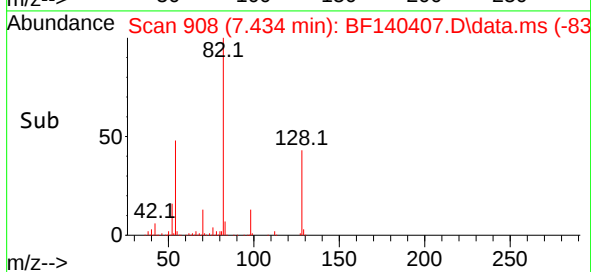
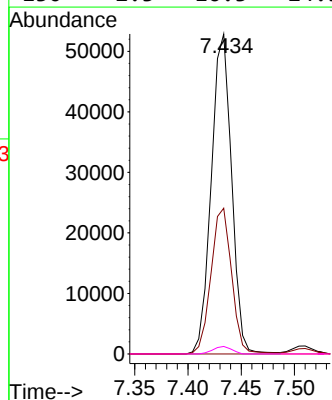
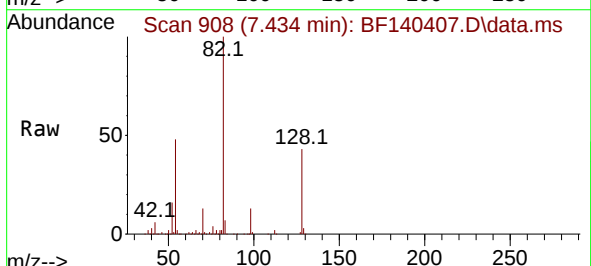
Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion: 99 Resp: 848585
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 35.0 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.899 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140407.D
Acq: 15 Nov 2024 16:47

Tgt Ion: 70 Resp: 70102
Ion Ratio Lower Upper
70 100
42 45.6 46.8 70.2#
101 0.0 7.5 11.3#
130 2.3 16.3 24.5#



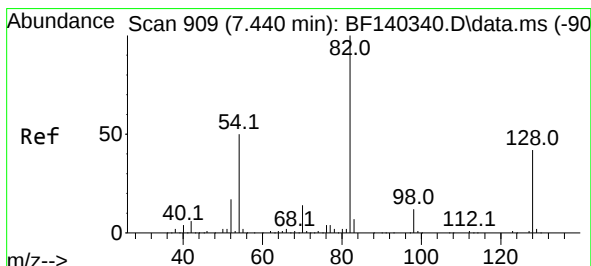
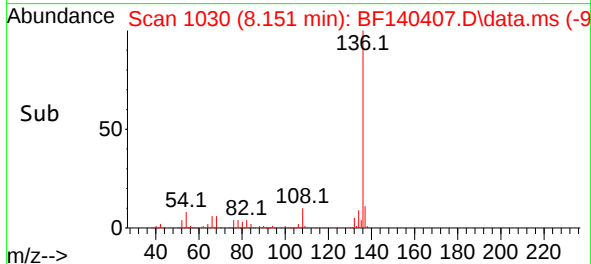
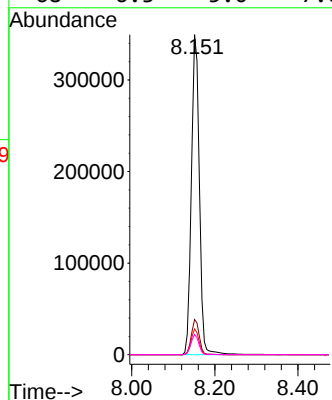
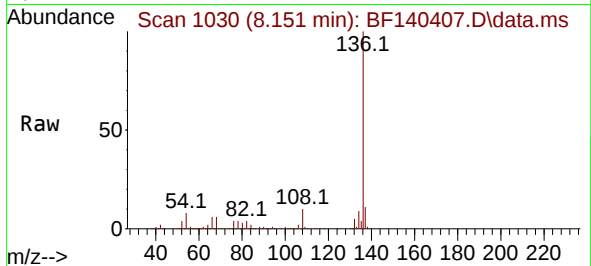


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140407.D
Acq: 15 Nov 2024 16:47

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:136 Resp: 464126

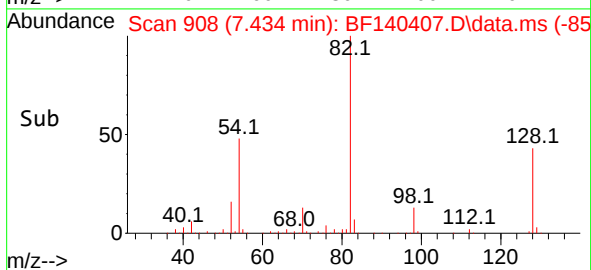
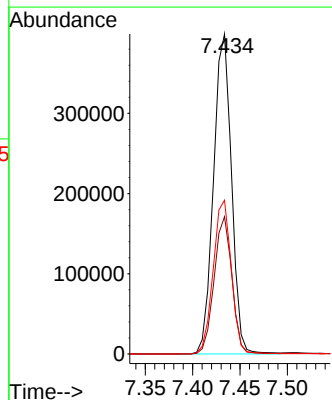
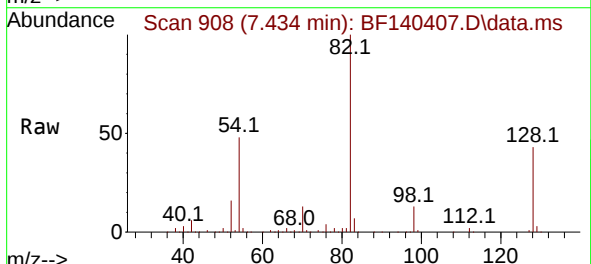
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.0	6.5	9.7
68	6.3	5.0	7.6



#23
Nitrobenzene-d5
Concen: 59.255 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140407.D
Acq: 15 Nov 2024 16:47

Tgt Ion: 82 Resp: 527836

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.3	49.9
54	48.1	39.8	59.8

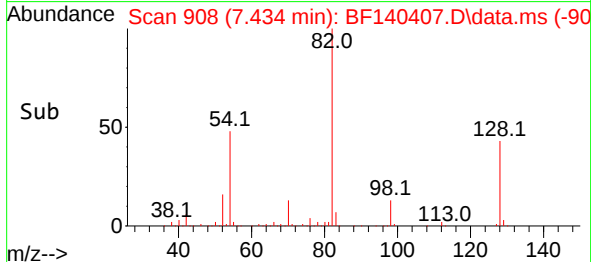
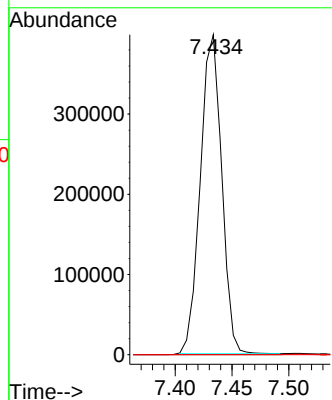
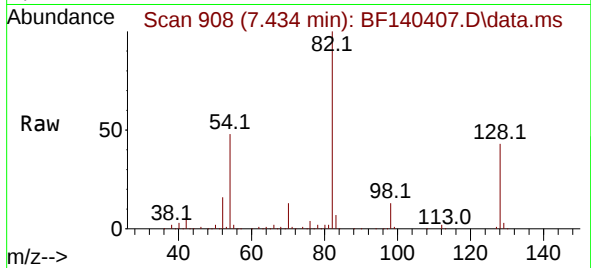




#25
Isophorone
Concen: 32.960 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140407.D
Acq: 15 Nov 2024 16:47

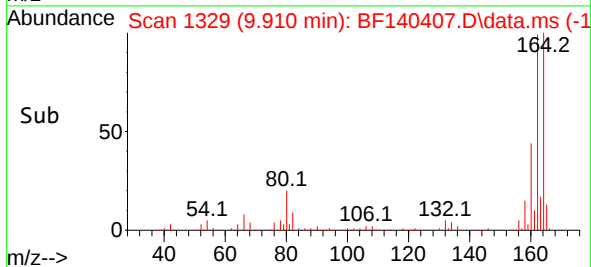
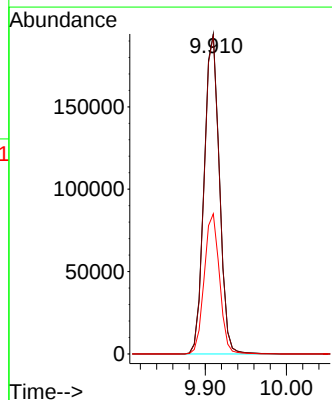
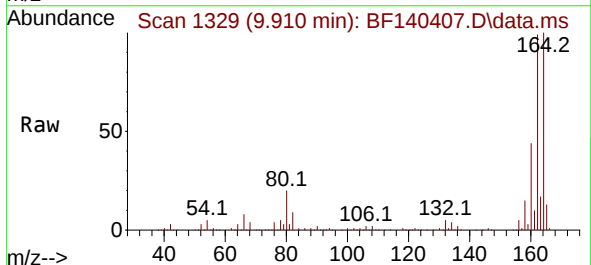
Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion: 82 Resp: 520350
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140407.D
Acq: 15 Nov 2024 16:47

Tgt Ion:164 Resp: 253140
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 43.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 82.252 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140407.D

Acq: 15 Nov 2024 16:47

Instrument :

BNA_F

ClientSampleId :

TP-6

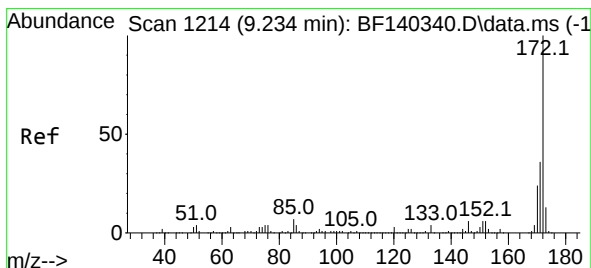
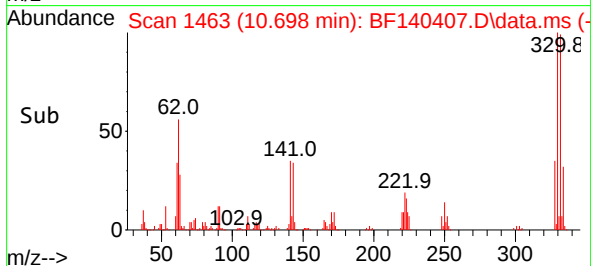
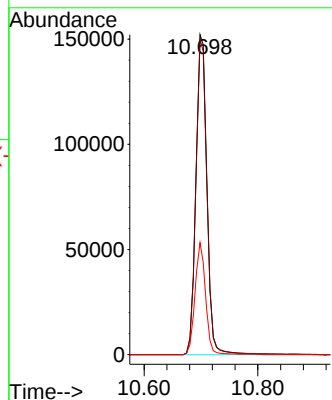
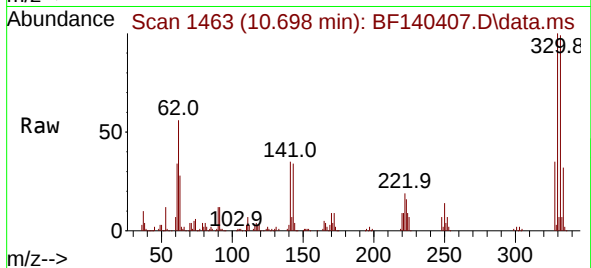
Tgt Ion:330 Resp: 207050

Ion Ratio Lower Upper

330 100

332 97.8 75.9 113.9

141 33.6 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 62.615 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140407.D

Acq: 15 Nov 2024 16:47

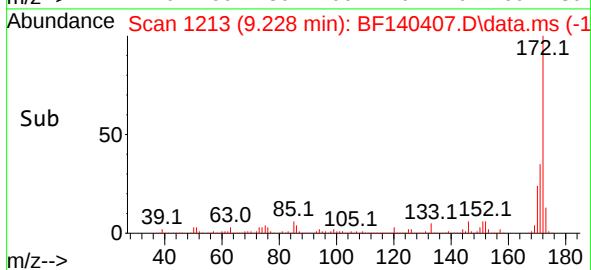
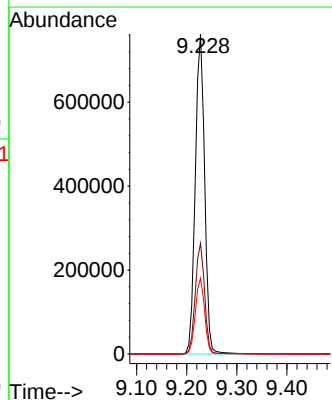
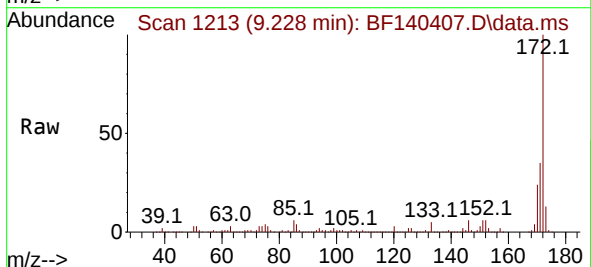
Tgt Ion:172 Resp: 986004

Ion Ratio Lower Upper

172 100

171 34.6 28.5 42.7

170 23.6 19.1 28.7

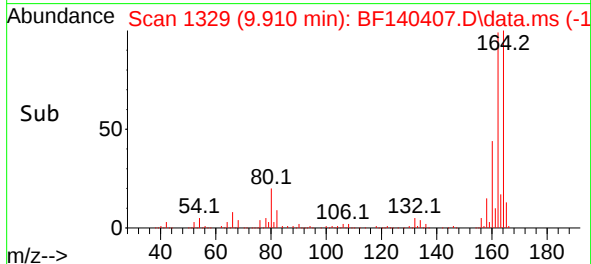
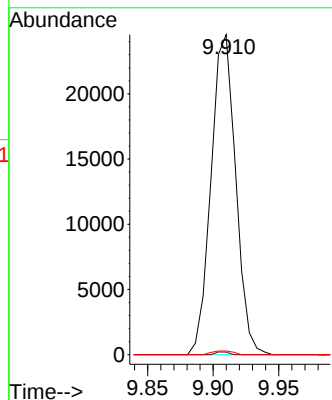
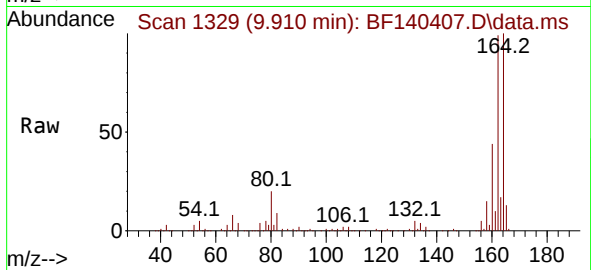




#51
2,6-Dinitrotoluene
Concen: 8.538 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140407.D
Acq: 15 Nov 2024 16:47

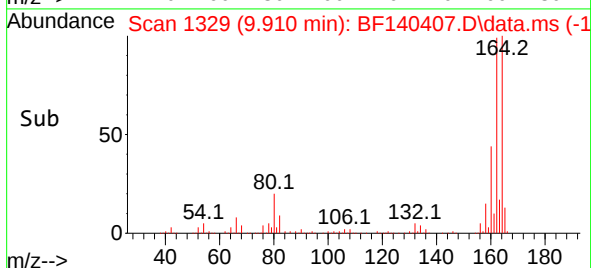
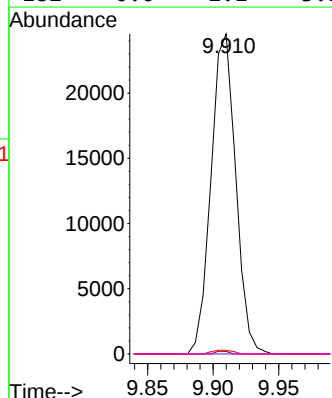
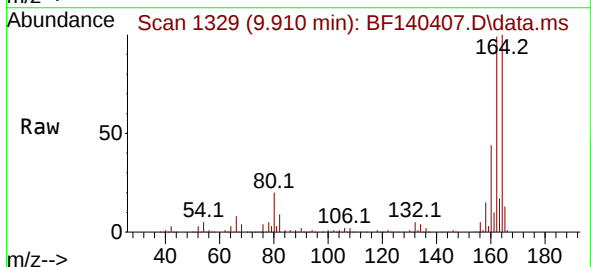
Instrument :
BNA_F
ClientSampleId :
TP-6

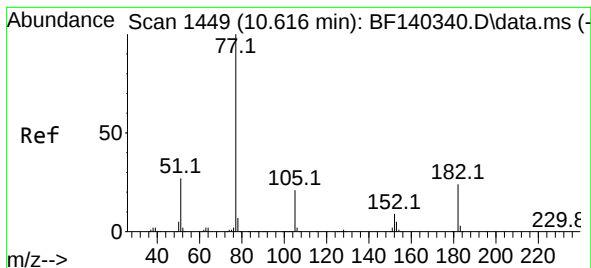
Tgt Ion:165 Resp: 32116
Ion Ratio Lower Upper
165 100
63 0.8 47.6 71.4#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.487 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140407.D
Acq: 15 Nov 2024 16:47

Tgt Ion:165 Resp: 32116
Ion Ratio Lower Upper
165 100
63 0.8 39.4 59.0#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 2.594 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF140407.D

Acq: 15 Nov 2024 16:47

Instrument :

BNA_F

ClientSampleId :

TP-6

Tgt Ion: 77 Resp: 43245

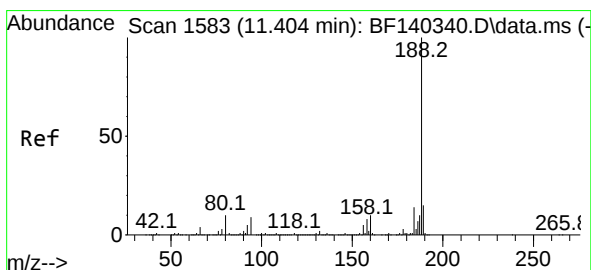
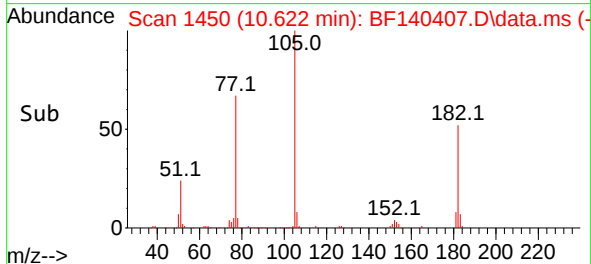
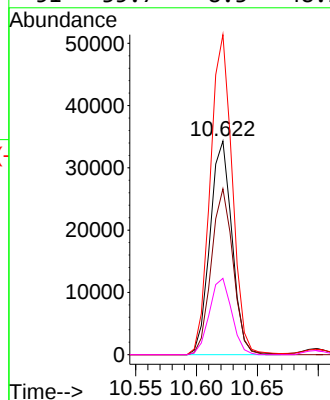
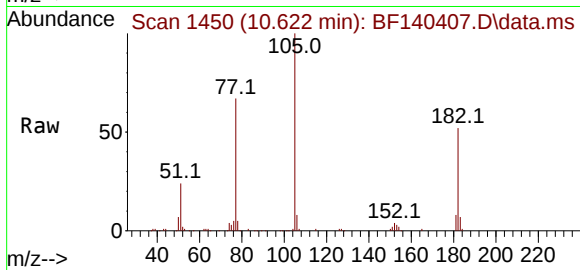
Ion Ratio Lower Upper

77 100

182 77.7 4.6 44.6#

105 149.9 0.9 40.9#

51 35.7 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140407.D

Acq: 15 Nov 2024 16:47

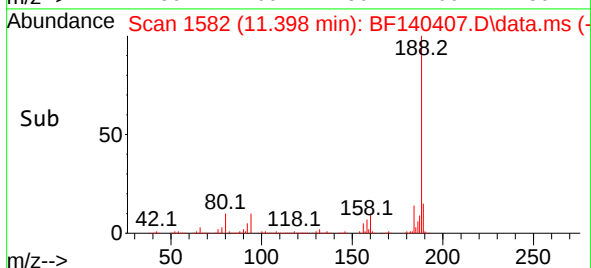
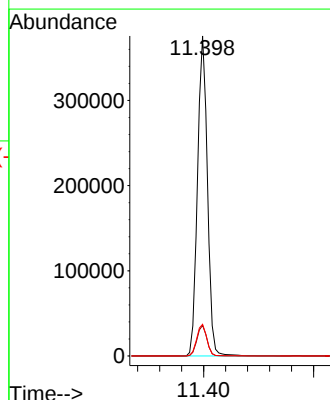
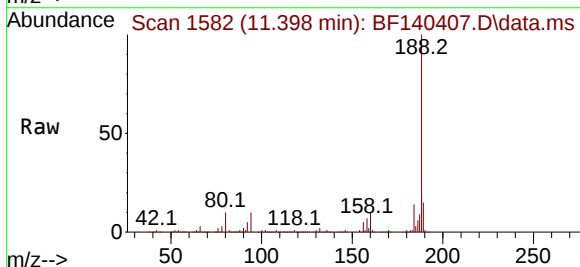
Tgt Ion: 188 Resp: 470612

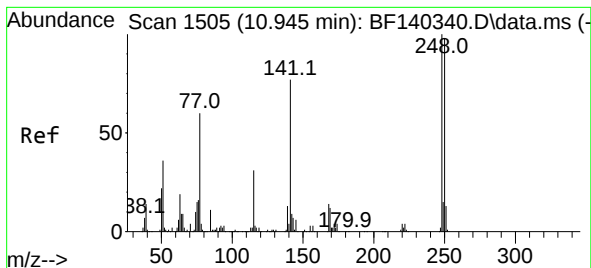
Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 9.9 8.0 12.0

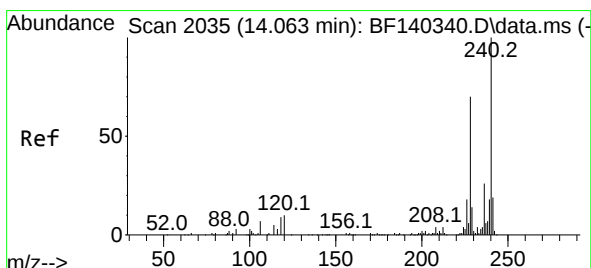
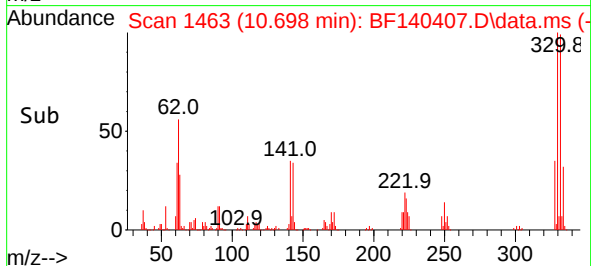
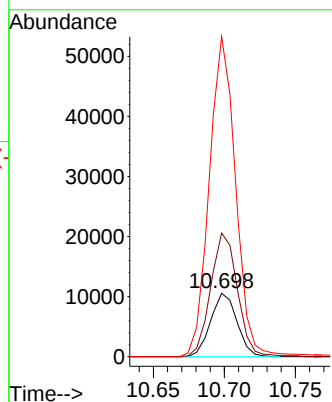
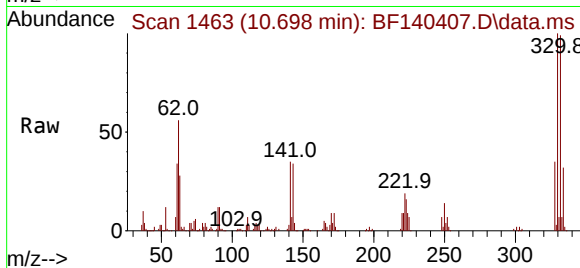




#67
4-Bromophenyl-phenylether
Concen: 2.886 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140407.D
Acq: 15 Nov 2024 16:47

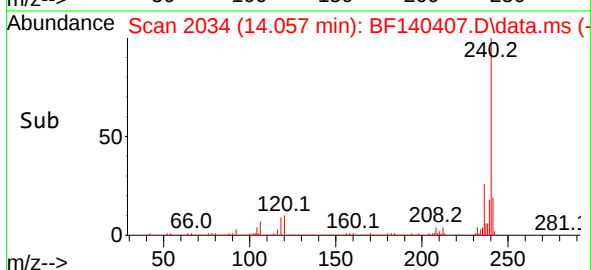
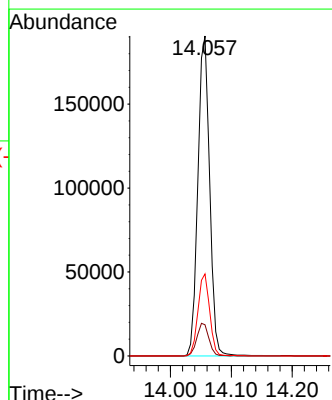
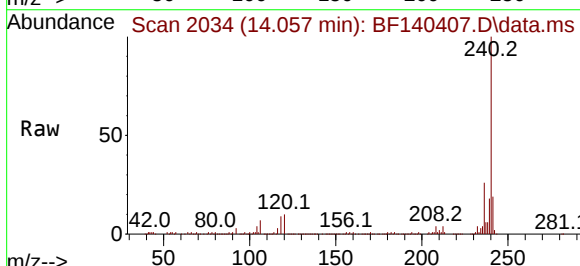
Instrument :
BNA_F
ClientSampleId :
TP-6

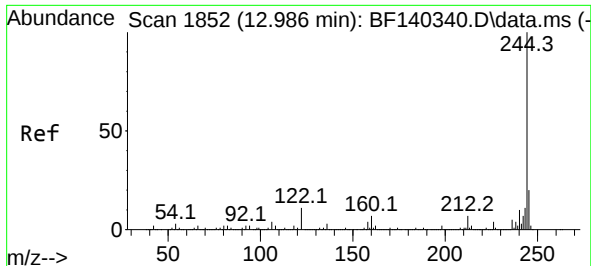
Tgt Ion:248 Resp: 13577
Ion Ratio Lower Upper
248 100
250 195.1 77.9 116.9#
141 504.6 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140407.D
Acq: 15 Nov 2024 16:47

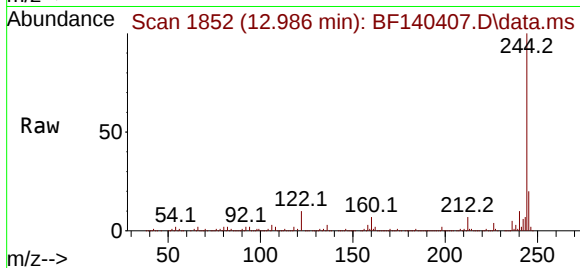
Tgt Ion:240 Resp: 255758
Ion Ratio Lower Upper
240 100
120 9.8 8.8 13.2
236 25.6 20.9 31.3



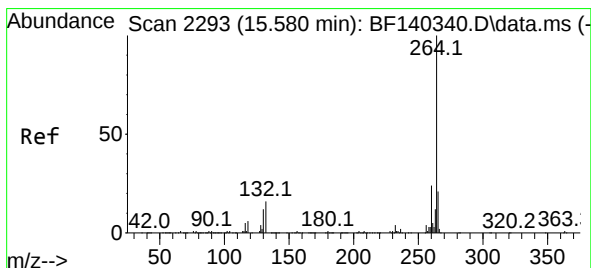
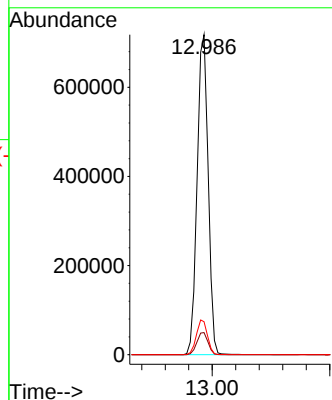
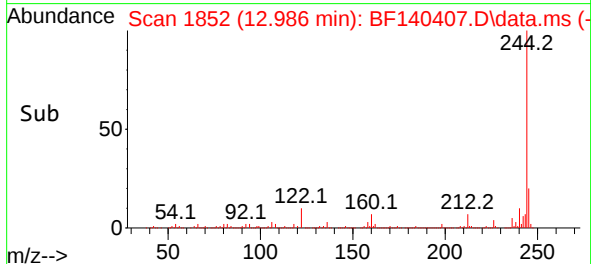


#79
Terphenyl-d14
Concen: 63.461 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140407.D
Acq: 15 Nov 2024 16:47

Instrument :
BNA_F
ClientSampleId :
TP-6



Tgt Ion:244 Resp: 935059
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 10.3 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF140407.D
Acq: 15 Nov 2024 16:47

Tgt Ion:264 Resp: 269300
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.2 17.1 25.7

