

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140524.D
 Acq On : 21 Nov 2024 02:09
 Operator : RC/JU
 Sample : P4916-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-WC

Quant Time: Nov 21 03:41:24 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)

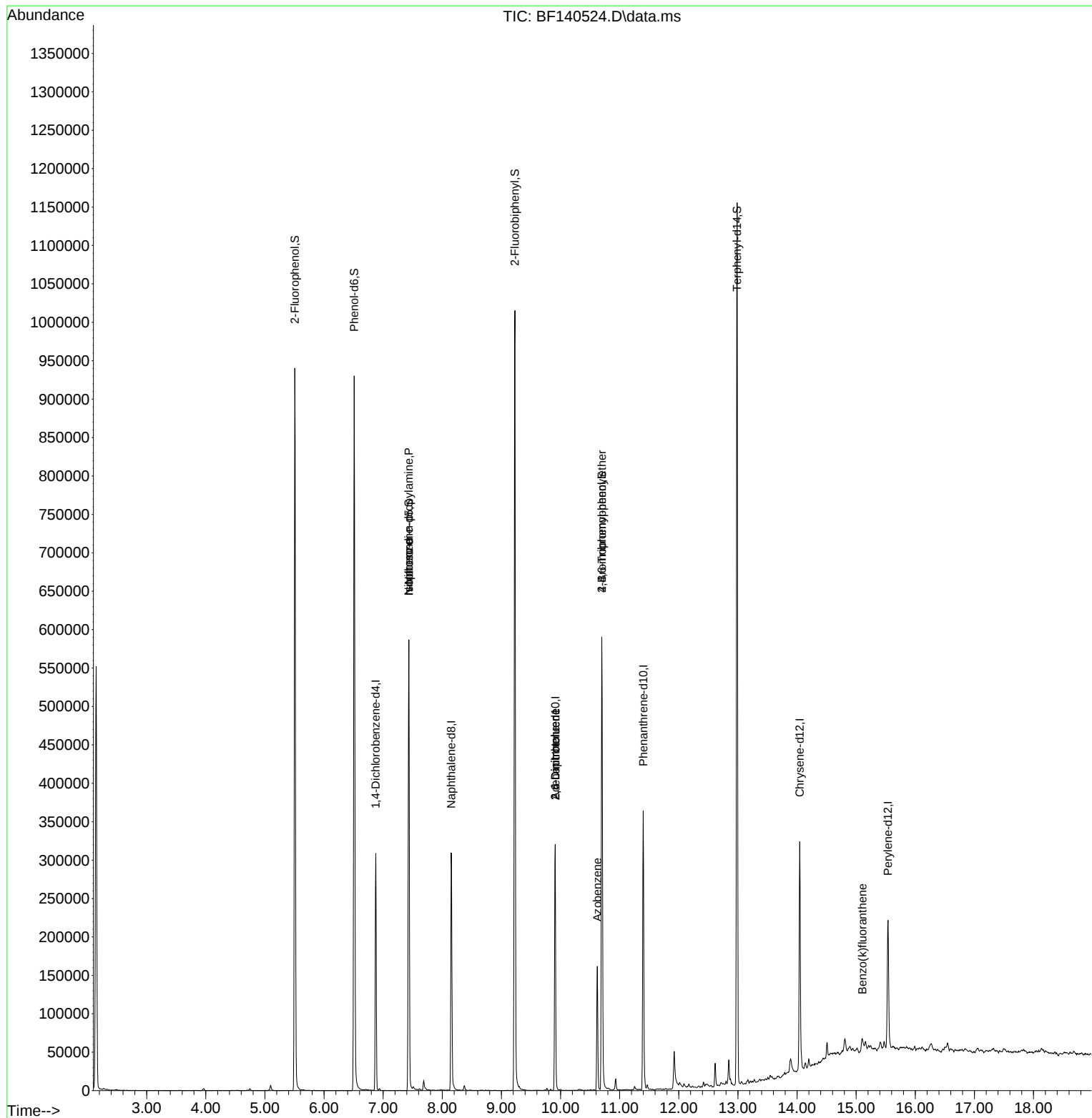
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	63266	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	207980	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	99169	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	196479	20.000	ng	0.00
76) Chrysene-d12	14.045	240	136406	20.000	ng	0.00
86) Perylene-d12	15.539	264	99660	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	348538	94.061	ng	0.01
7) Phenol-d6	6.510	99	425778	84.812	ng	0.00
23) Nitrobenzene-d5	7.434	82	263507	66.013	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	102536	103.975	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	476206	77.194	ng	0.00
79) Terphenyl-d14	12.986	244	557588	70.954	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	35642	11.755	ng	# 79
25) Isophorone	7.434	82	261774	37.002	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	12807	8.691	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	12807	6.604	ng	# 19
63) Azobenzene	10.622	77	43859	6.716	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	6530	3.325	ng	# 1
89) Benzo(k)fluoranthene	15.104	252	11874	2.230	ng	# 92

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

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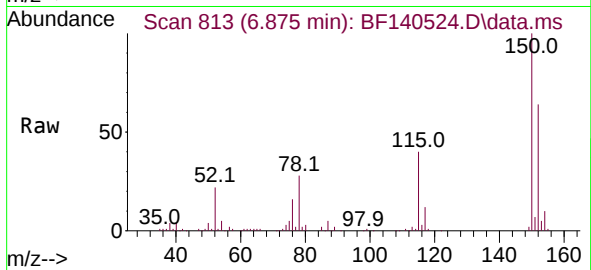
Quant Time: Nov 21 03:41:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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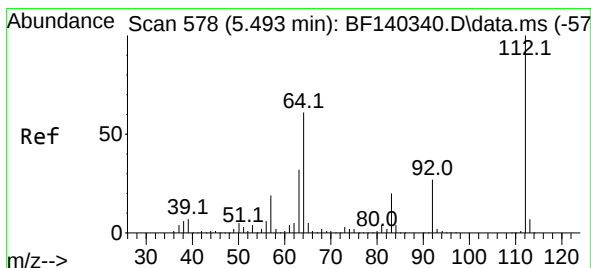
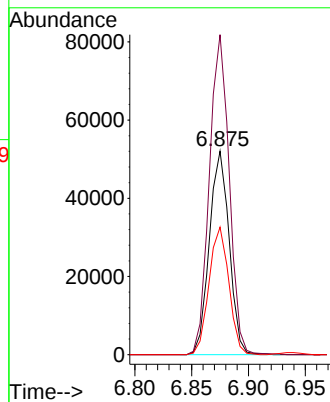
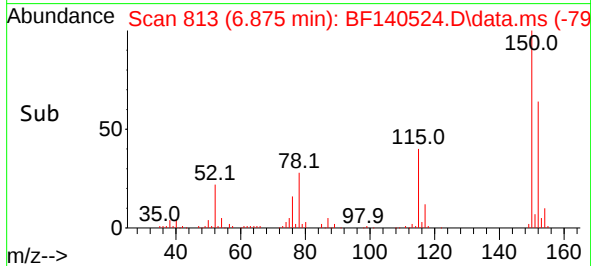


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140524.D
Acq: 21 Nov 2024 02:09

Instrument :
BNA_F
ClientSampleId :
TP-1-WC

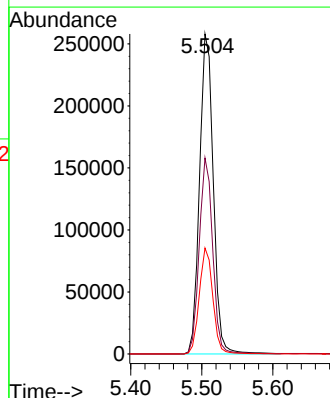
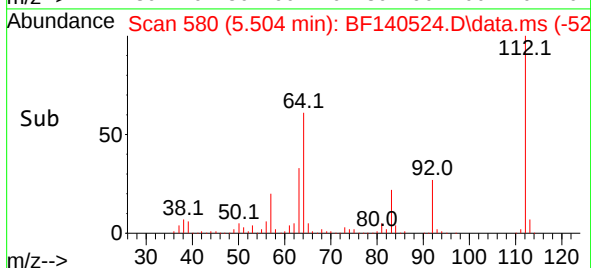
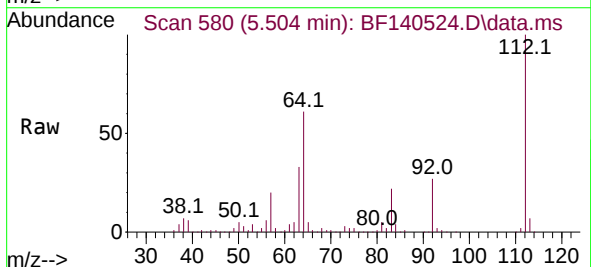


Tgt Ion:152 Resp: 63266
Ion Ratio Lower Upper
152 100
150 157.2 127.4 191.0
115 62.6 47.4 71.2



#5
2-Fluorophenol
Concen: 94.061 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140524.D
Acq: 21 Nov 2024 02:09

Tgt Ion:112 Resp: 348538
Ion Ratio Lower Upper
112 100
64 61.2 49.2 73.8
63 33.1 25.6 38.4

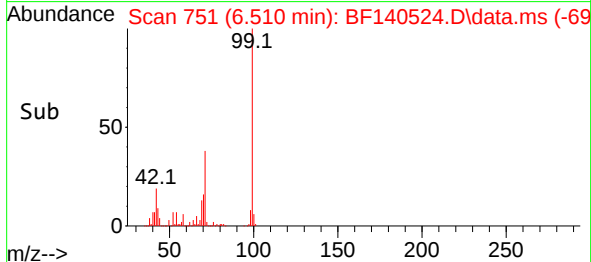
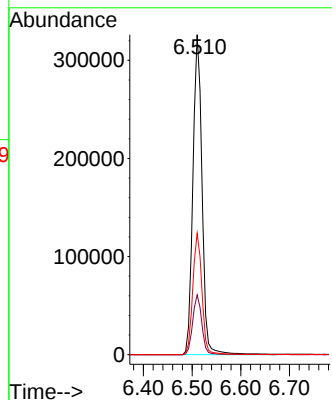
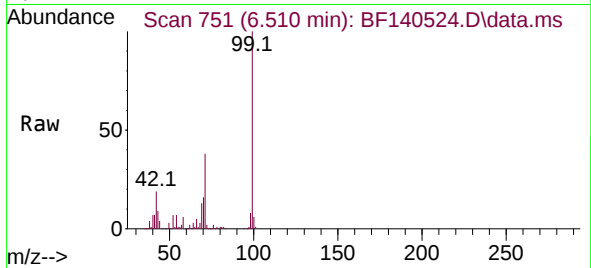




#7
Phenol-d6
Concen: 84.812 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140524.D
Acq: 21 Nov 2024 02:09

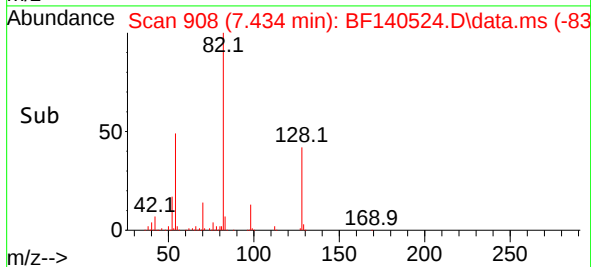
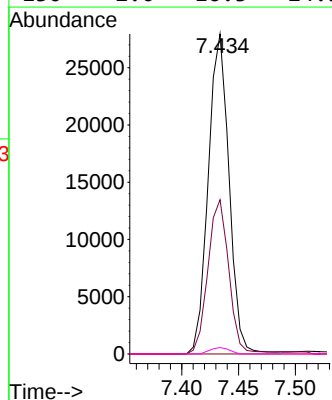
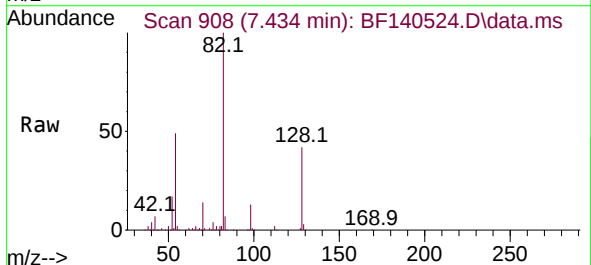
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

Tgt Ion: 99 Resp: 425778
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 37.9 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.755 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140524.D
Acq: 21 Nov 2024 02:09

Tgt Ion: 70 Resp: 35642
Ion Ratio Lower Upper
70 100
42 48.2 46.8 70.2
101 0.0 7.5 11.3#
130 2.0 16.3 24.5#



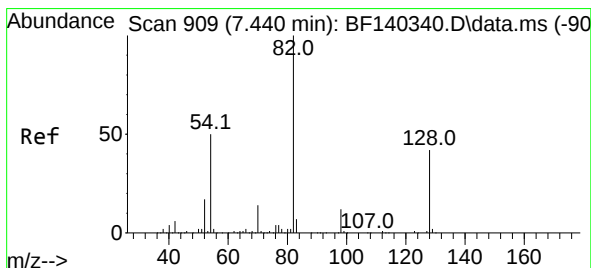
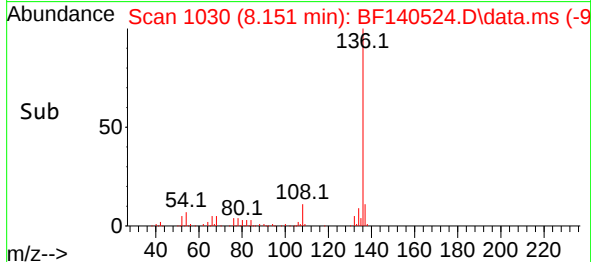
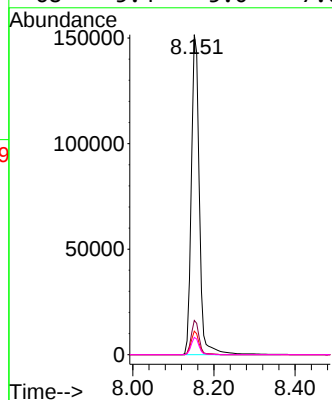
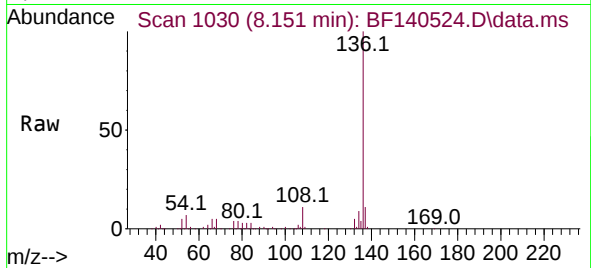


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140524.D
Acq: 21 Nov 2024 02:09

Instrument :
BNA_F
ClientSampleId :
TP-1-WC

Tgt Ion:136 Resp: 207980

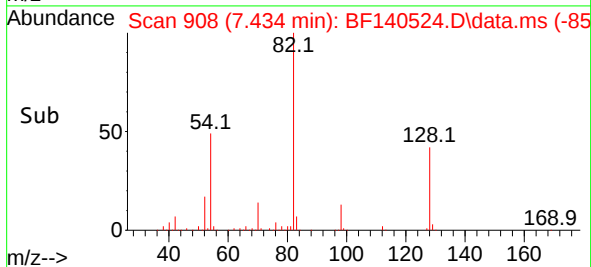
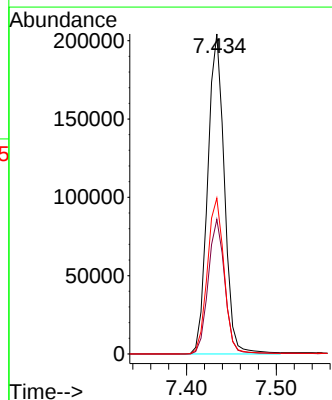
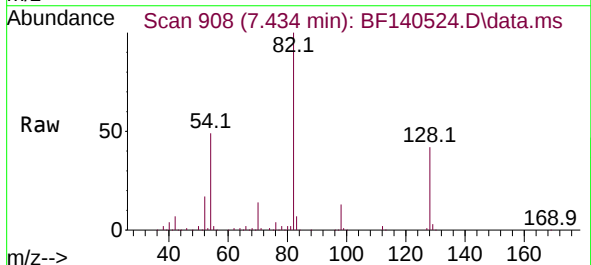
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.3	6.5	9.7
68	5.4	5.0	7.6

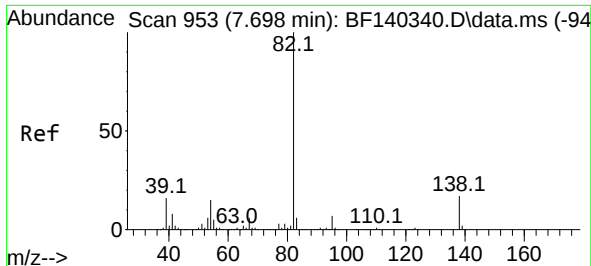


#23
Nitrobenzene-d5
Concen: 66.013 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140524.D
Acq: 21 Nov 2024 02:09

Tgt Ion: 82 Resp: 263507

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.3	49.9
54	48.7	39.8	59.8

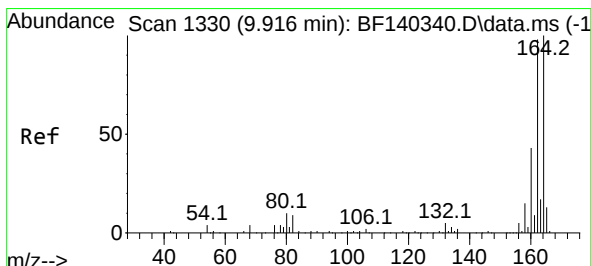
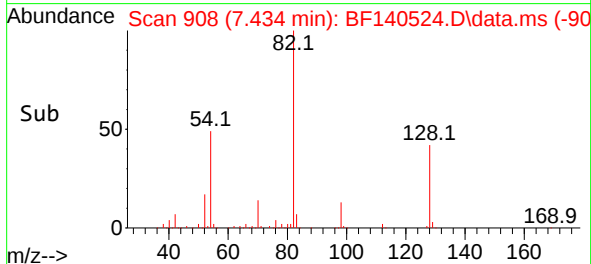
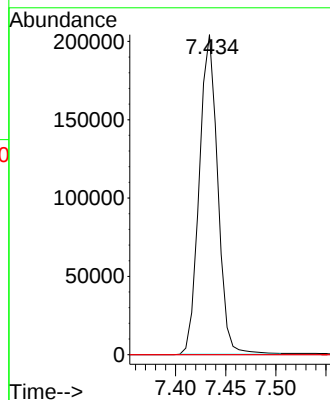
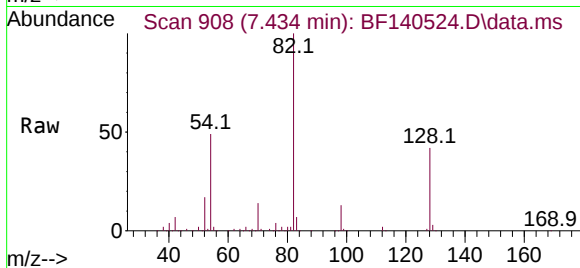




#25
Isophorone
Concen: 37.002 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140524.D
Acq: 21 Nov 2024 02:09

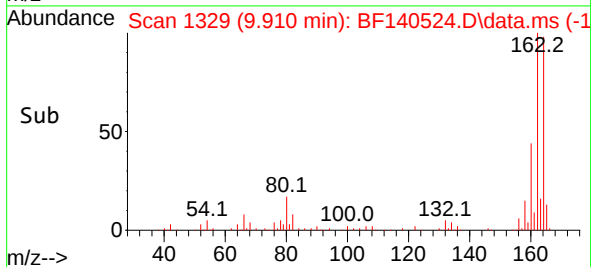
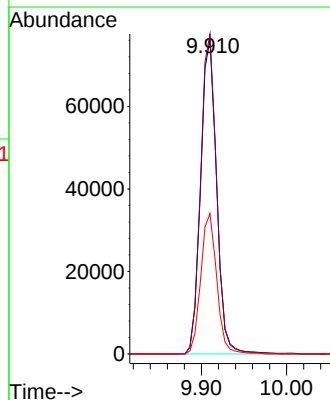
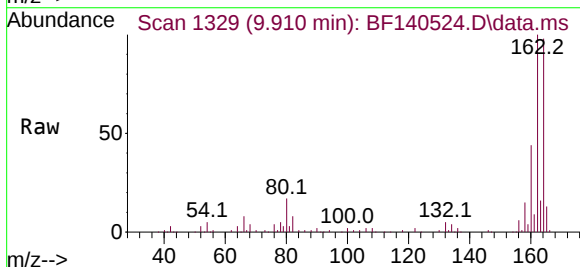
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

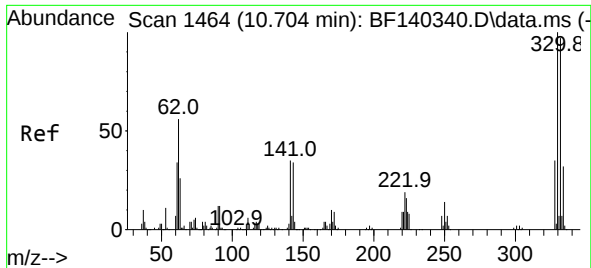
Tgt Ion: 82 Resp: 261774
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140524.D
Acq: 21 Nov 2024 02:09

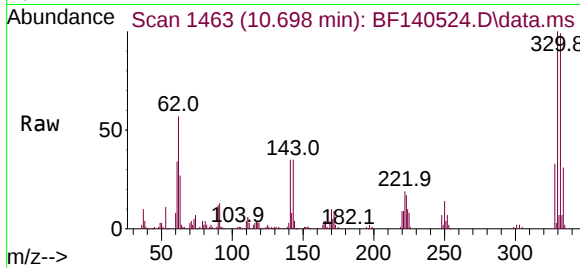
Tgt Ion:164 Resp: 99169
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.8
160 44.7 35.4 53.0



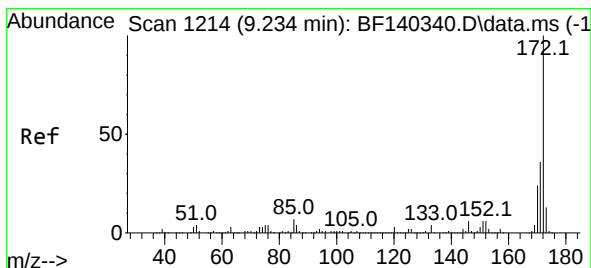
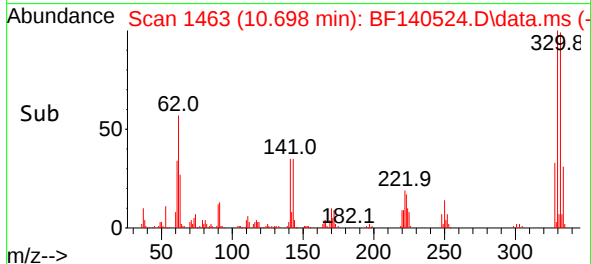
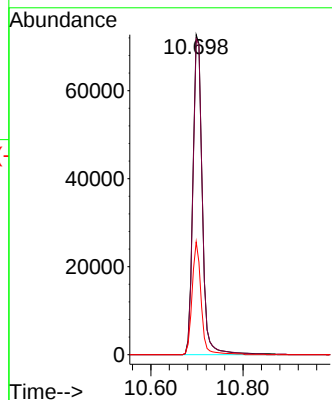


#42
2,4,6-Tribromophenol
Concen: 103.975 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140524.D
Acq: 21 Nov 2024 02:09

Instrument :
BNA_F
ClientSampleId :
TP-1-WC

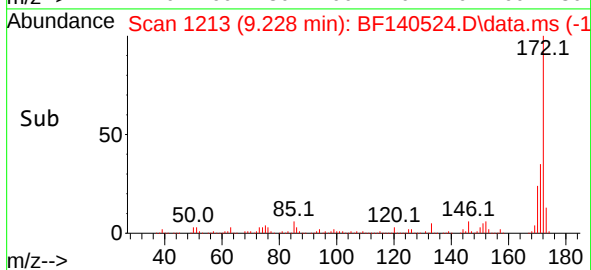
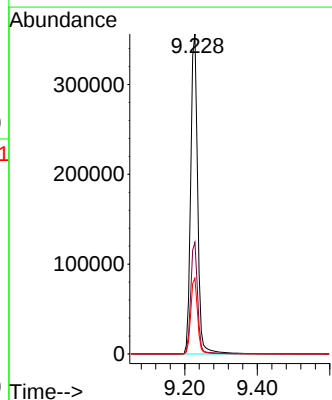
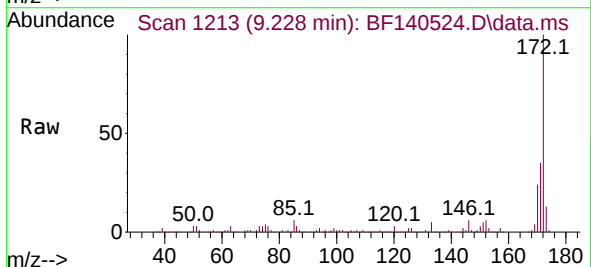


Tgt Ion:330 Resp: 102536
Ion Ratio Lower Upper
330 100
332 98.4 75.9 113.9
141 34.0 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 77.194 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140524.D
Acq: 21 Nov 2024 02:09

Tgt Ion:172 Resp: 476206
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.6 19.1 28.7

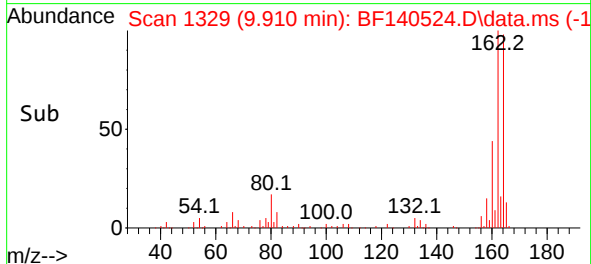
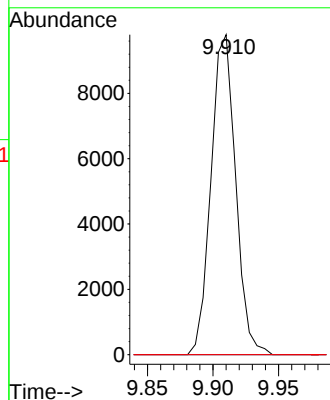
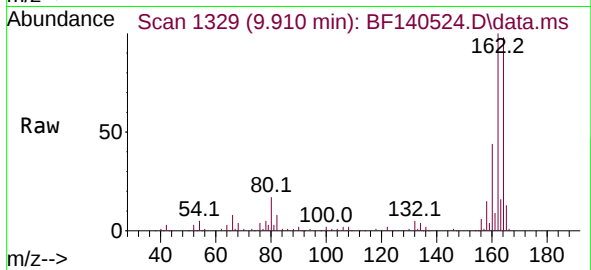




#51
2,6-Dinitrotoluene
Concen: 8.691 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140524.D
Acq: 21 Nov 2024 02:09

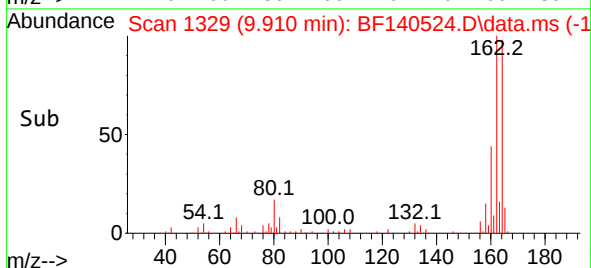
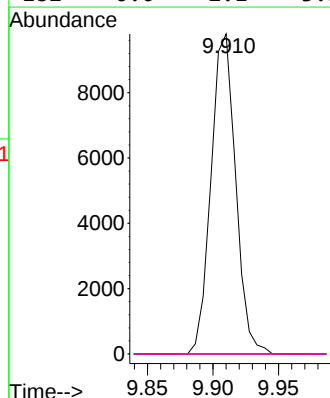
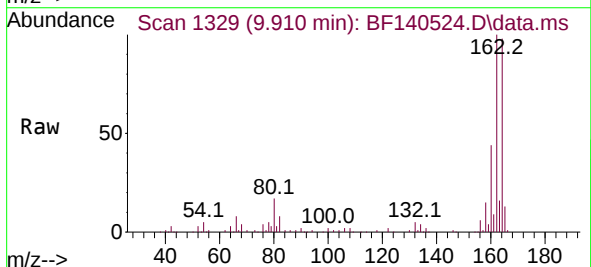
Instrument :
BNA_F
ClientSampleId :
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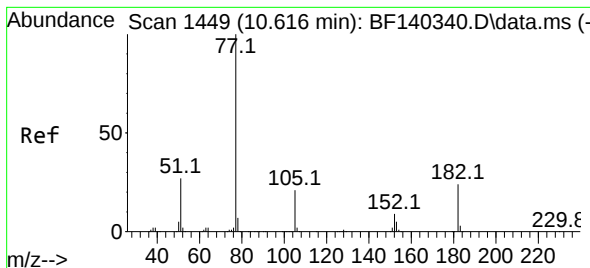
Tgt Ion:165 Resp: 12807
Ion Ratio Lower Upper
165 100
63 0.0 47.6 71.4#
89 0.0 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.604 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140524.D
Acq: 21 Nov 2024 02:09

Tgt Ion:165 Resp: 12807
Ion Ratio Lower Upper
165 100
63 0.0 39.4 59.0#
89 0.0 62.4 93.6#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 6.716 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF140524.D

Acq: 21 Nov 2024 02:09

Instrument :

BNA_F

ClientSampleId :

TP-1-WC

Tgt Ion: 77 Resp: 43859

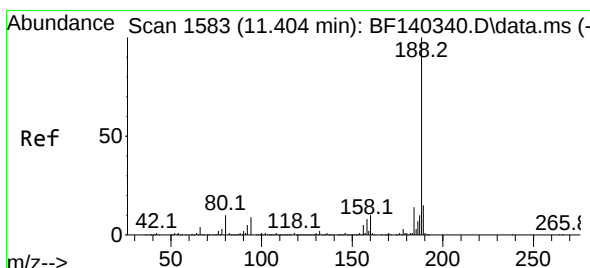
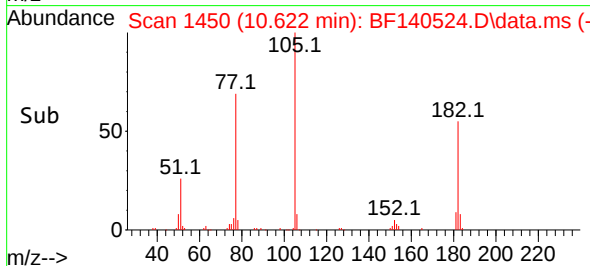
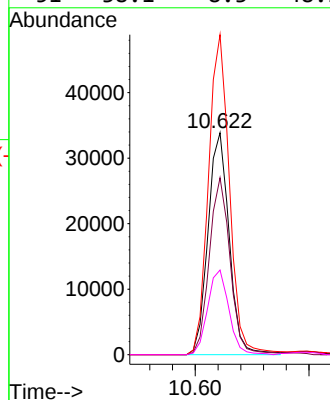
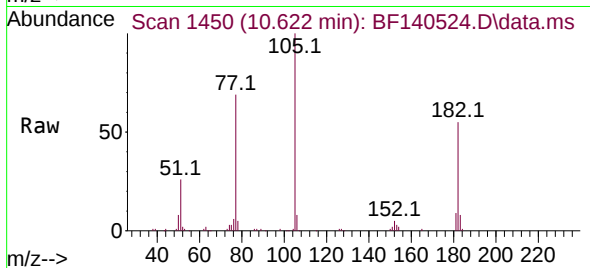
Ion Ratio Lower Upper

77 100

182 79.7 4.6 44.6#

105 144.2 0.9 40.9#

51 38.1 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: BF140524.D

Acq: 21 Nov 2024 02:09

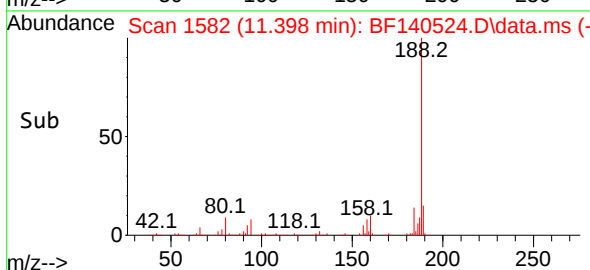
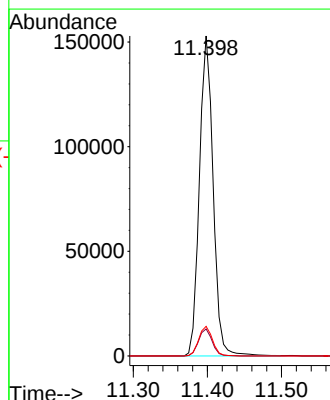
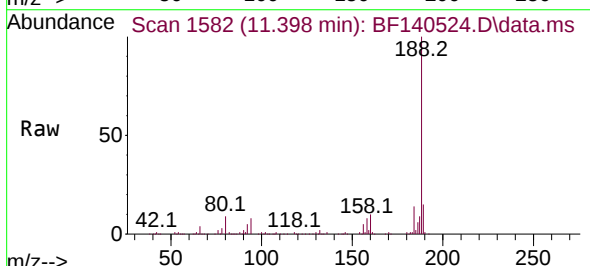
Tgt Ion: 188 Resp: 196479

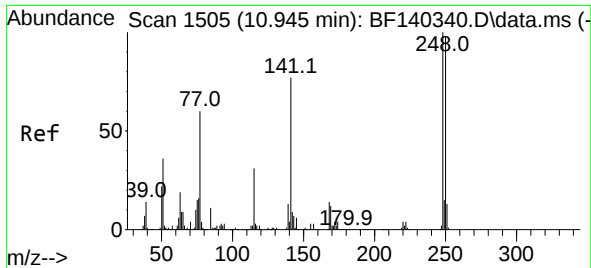
Ion Ratio Lower Upper

188 100

94 8.4 7.6 11.4

80 9.3 8.0 12.0

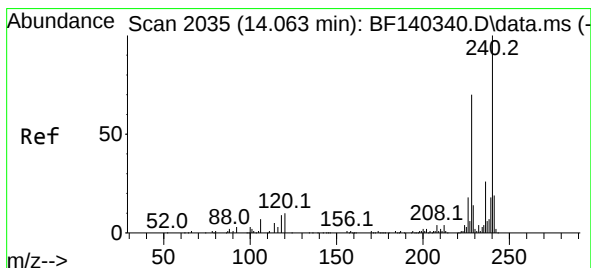
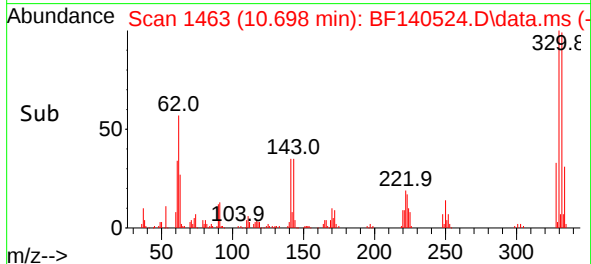
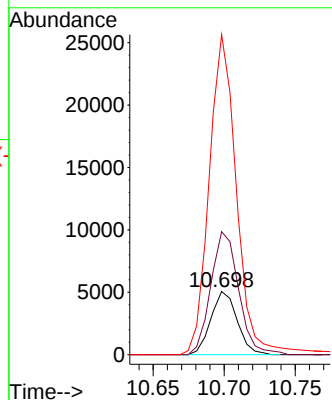
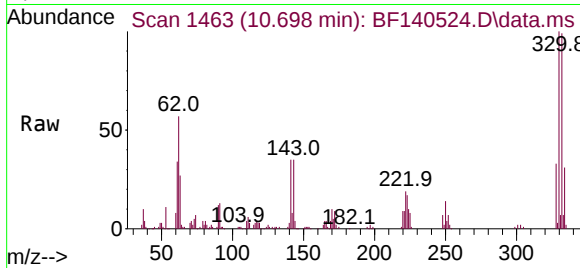




#67
4-Bromophenyl-phenylether
Concen: 3.325 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140524.D
Acq: 21 Nov 2024 02:09

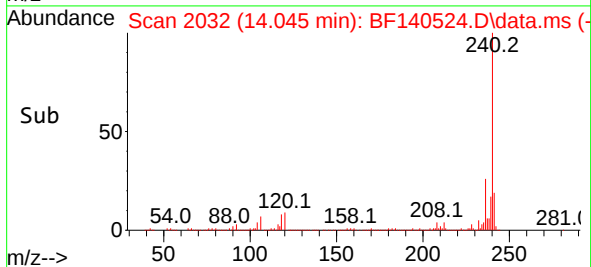
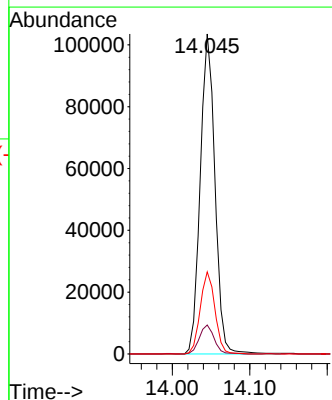
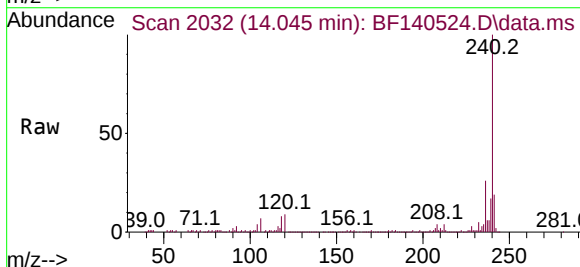
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

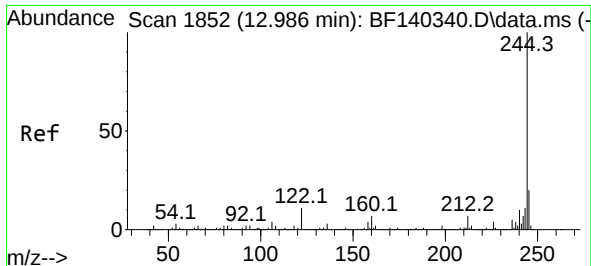
Tgt Ion:248 Resp: 6530
Ion Ratio Lower Upper
248 100
250 194.8 77.9 116.9#
141 506.5 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140524.D
Acq: 21 Nov 2024 02:09

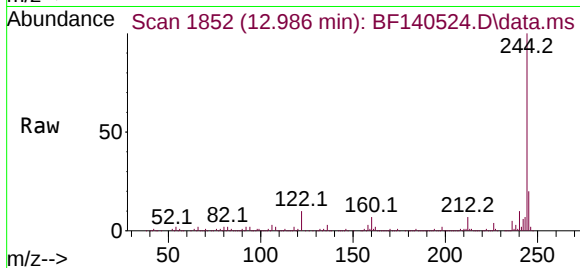
Tgt Ion:240 Resp: 136406
Ion Ratio Lower Upper
240 100
120 9.0 8.8 13.2
236 25.6 20.9 31.3



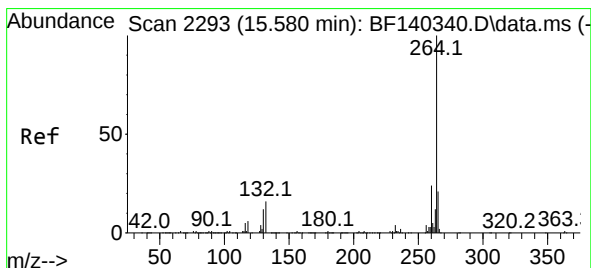
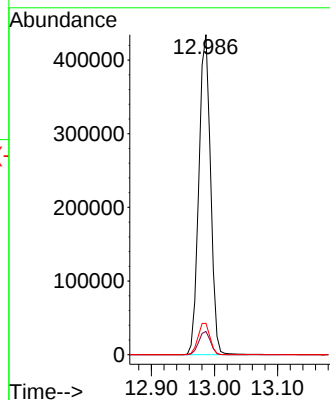
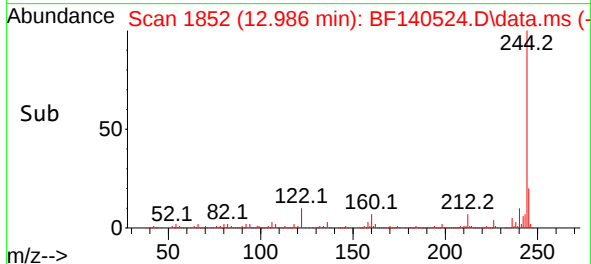


#79
 Terphenyl-d14
 Concen: 70.954 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140524.D
 Acq: 21 Nov 2024 02:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-WC

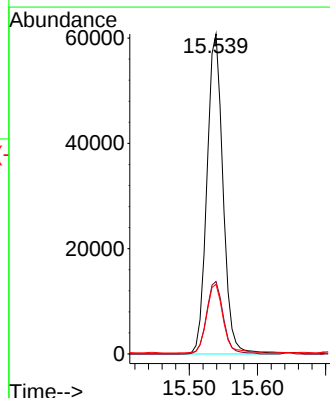
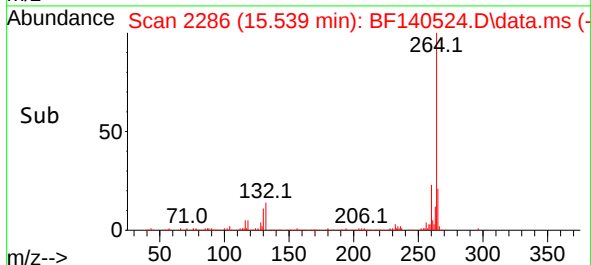
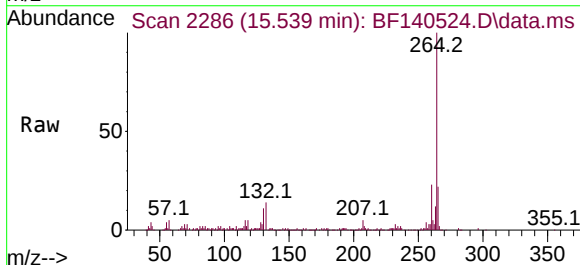


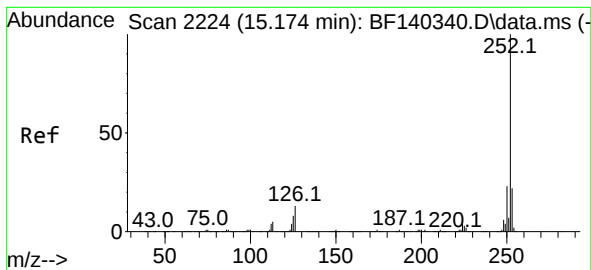
Tgt Ion:244 Resp: 557588
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. -0.018 min
 Lab File: BF140524.D
 Acq: 21 Nov 2024 02:09

Tgt Ion:264 Resp: 99660
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.8 17.1 25.7





#89

Benzo(k)fluoranthene

Concen: 2.230 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF140524.D

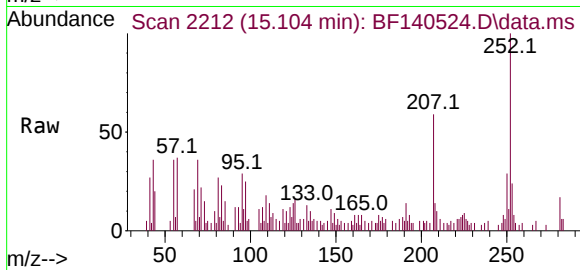
Acq: 21 Nov 2024 02:09

Instrument :

BNA_F

ClientSampleId :

TP-1-WC



Tgt Ion:252 Resp: 11874

Ion Ratio Lower Upper

252 100

253 24.0 17.3 25.9

125 14.3 7.4 11.2#

