

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140525.D
 Acq On : 21 Nov 2024 02:35
 Operator : RC/JU
 Sample : P4916-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-WC

Quant Time: Nov 21 03:41:35 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)

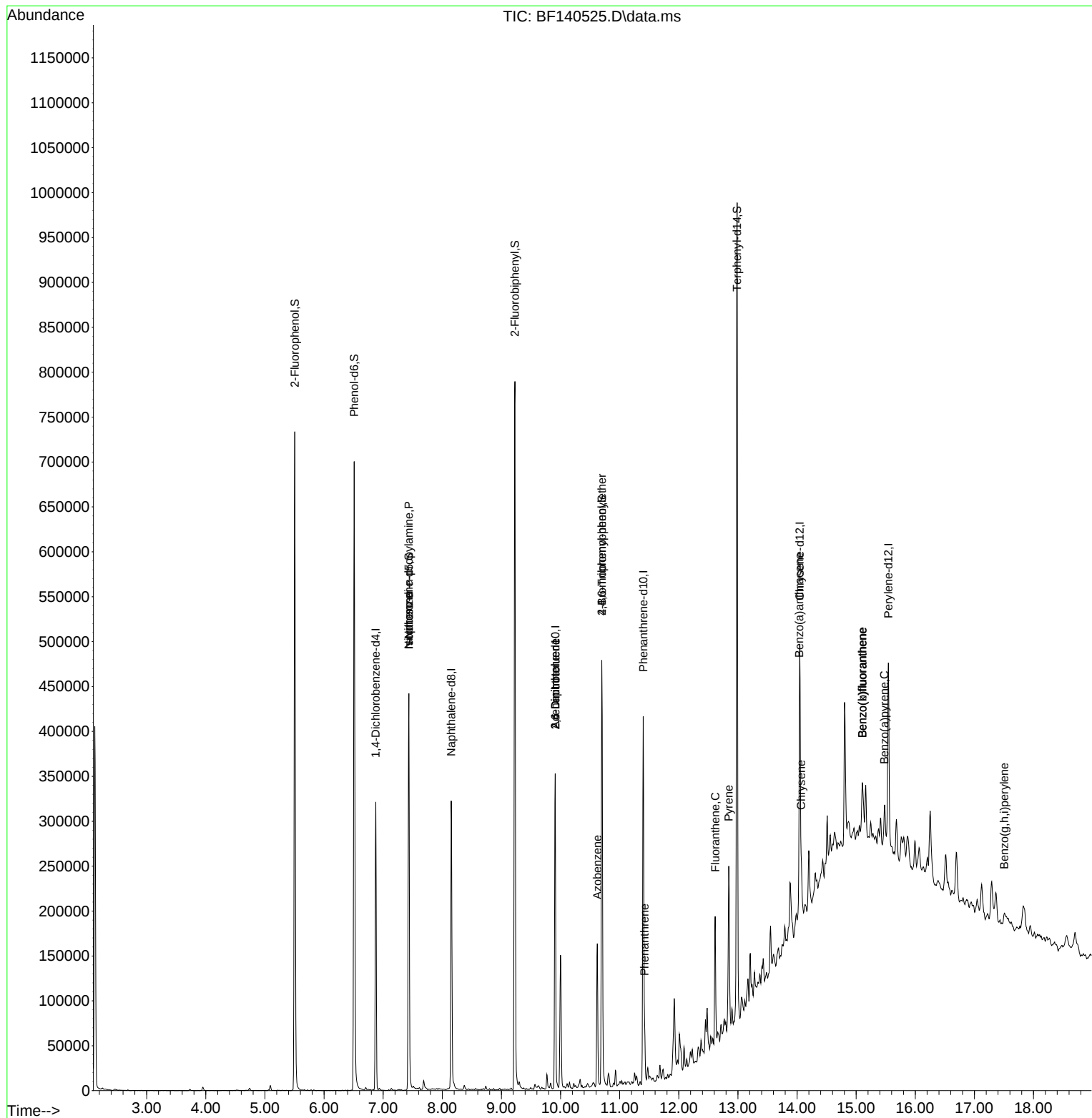
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	67130	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	212710	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	106740	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	216797	20.000	ng	0.00
76) Chrysene-d12	14.045	240	130469	20.000	ng	0.00
86) Perylene-d12	15.545	264	97922	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	272863	69.400	ng	0.01
7) Phenol-d6	6.510	99	323411	60.713	ng	0.00
23) Nitrobenzene-d5	7.434	82	201072	49.252	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	79547	74.942	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	366035	55.126	ng	0.00
79) Terphenyl-d14	12.986	244	447746	59.569	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	26774	8.322	ng	# 78
25) Isophorone	7.434	82	199776	27.611	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	14129	8.908	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	14129	6.768	ng	# 20
63) Azobenzene	10.622	77	44006	6.260	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	5121	2.363	ng	# 1
71) Phenanthrene	11.422	178	30566	3.001	ng	99
75) Fluoranthene	12.616	202	79977	7.000	ng	97
78) Pyrene	12.845	202	84992	7.616	ng	98
81) Benzo(a)anthracene	14.039	228	29132	3.397	ng	# 86
83) Chrysene	14.069	228	35499	4.537	ng	# 91
88) Benzo(b)fluoranthene	15.104	252	36718	5.732	ng	# 78
89) Benzo(k)fluoranthene	15.104	252	36718	7.017	ng	# 77
90) Benzo(a)pyrene	15.474	252	18544	3.728	ng	# 80
92) Benzo(g,h,i)perylene	17.504	276	11883	2.325	ng	# 82

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

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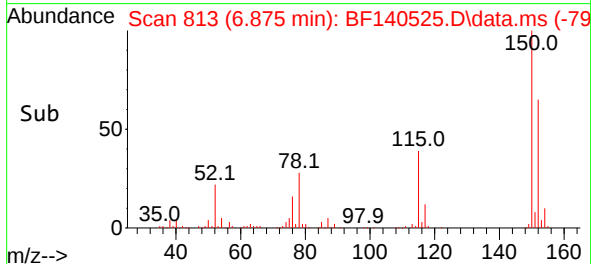
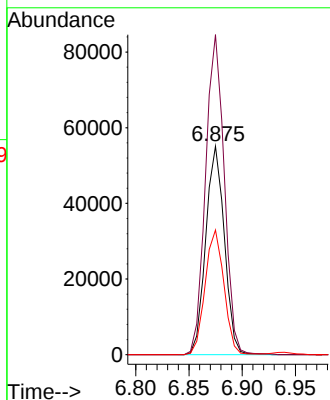
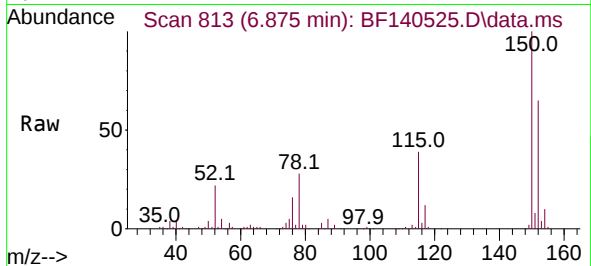




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

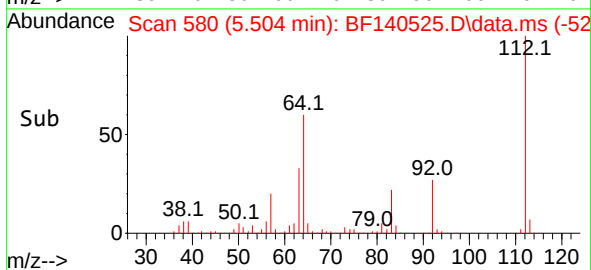
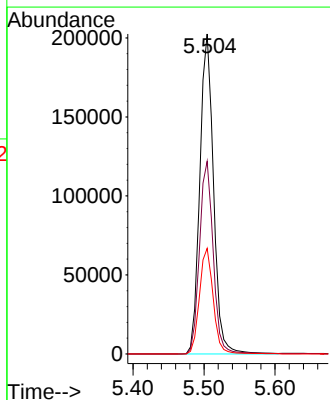
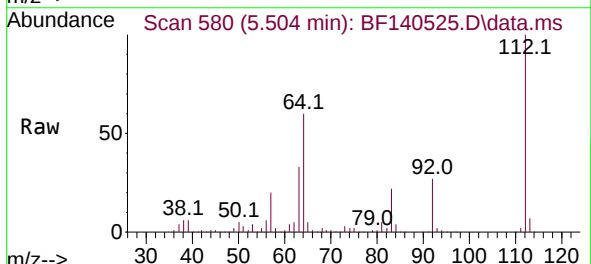
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

Tgt Ion:152 Resp: 67130
Ion Ratio Lower Upper
152 100
150 153.5 127.4 191.0
115 59.8 47.4 71.2



#5
2-Fluorophenol
Concen: 69.400 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

Tgt Ion:112 Resp: 272863
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 33.0 25.6 38.4

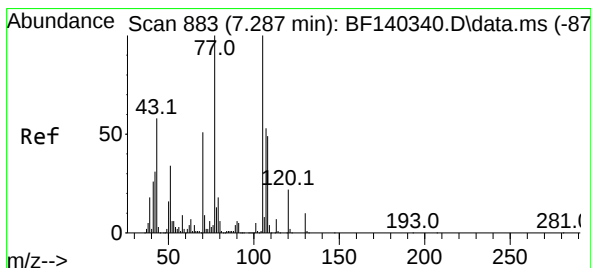
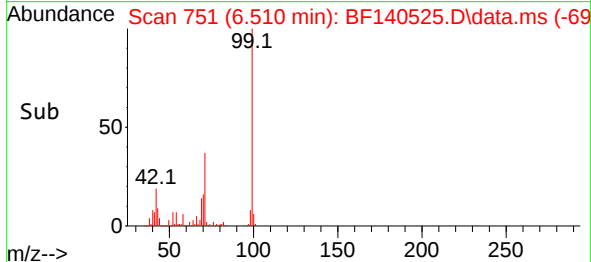
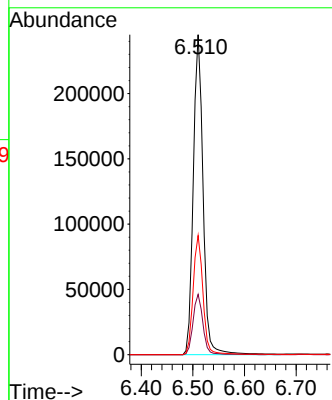
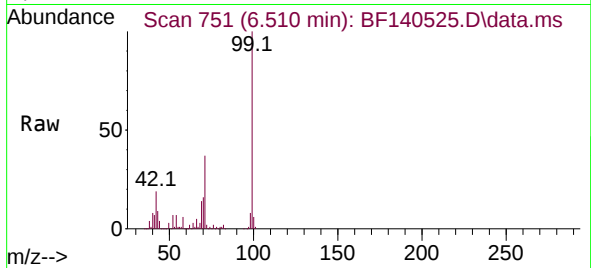




#7
Phenol-d6
Concen: 60.713 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

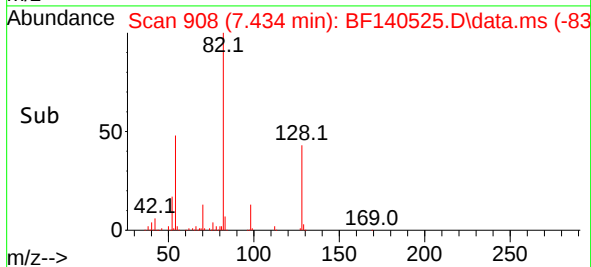
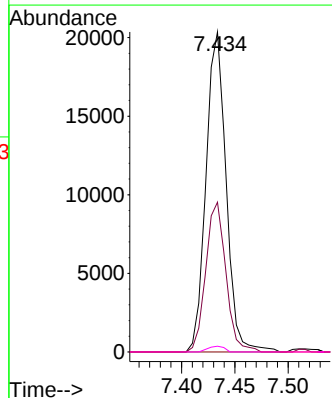
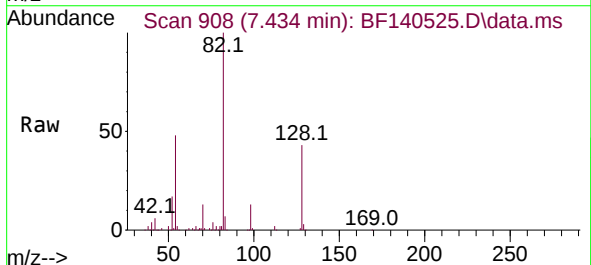
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

Tgt Ion: 99 Resp: 323411
Ion Ratio Lower Upper
99 100
42 18.9 15.1 22.7
71 37.3 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 8.322 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

Tgt Ion: 70 Resp: 26774
Ion Ratio Lower Upper
70 100
42 46.8 46.8 70.2
101 0.0 7.5 11.3#
130 1.8 16.3 24.5#

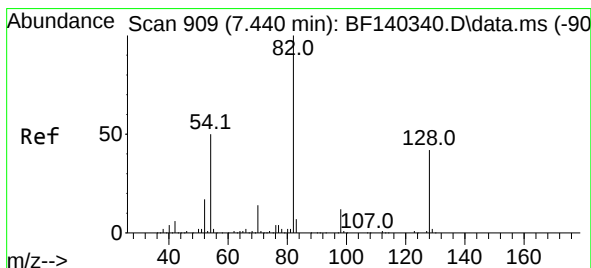
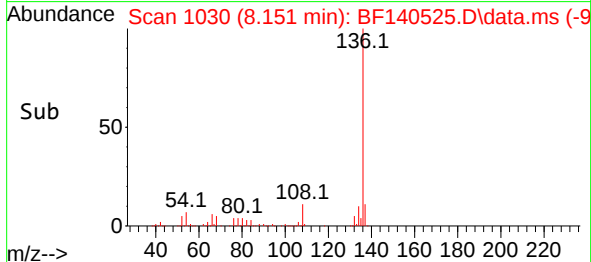
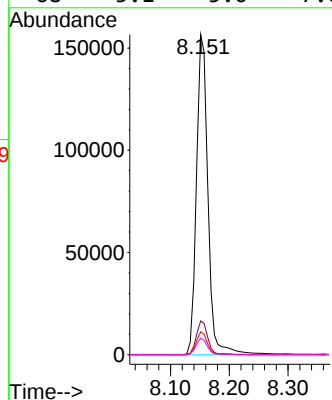
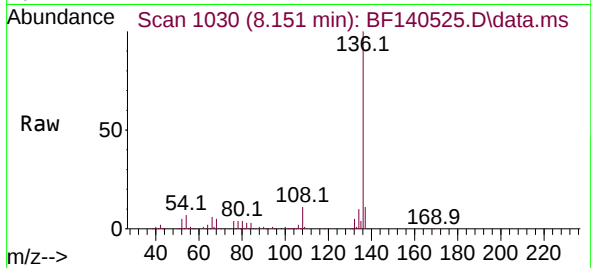




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

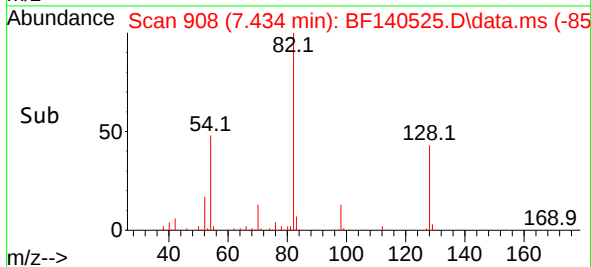
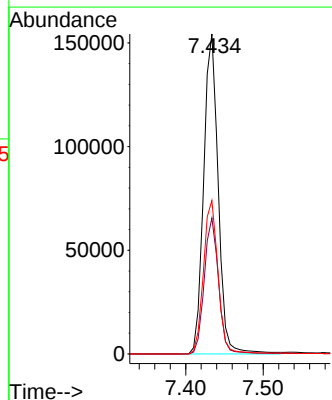
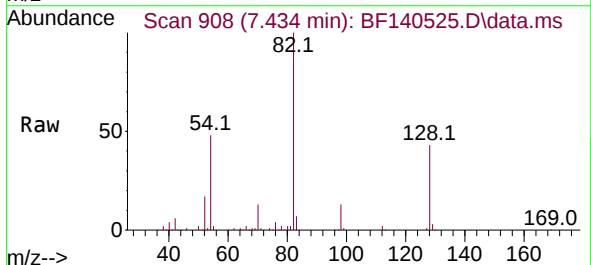
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

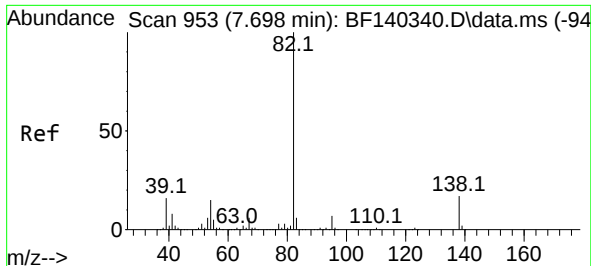
Tgt Ion:136 Resp: 212710
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.1 6.5 9.7
68 5.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 49.252 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

Tgt Ion: 82 Resp: 201072
Ion Ratio Lower Upper
82 100
128 42.5 33.3 49.9
54 48.0 39.8 59.8

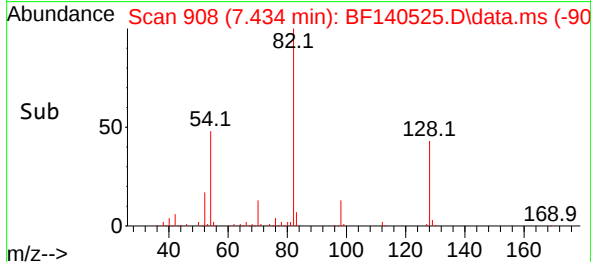
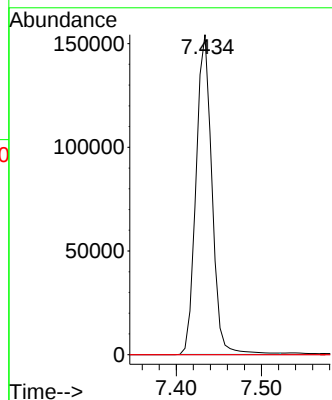
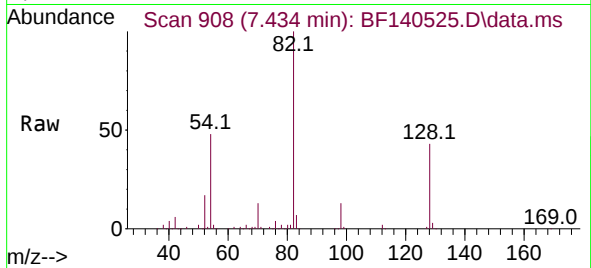




#25
Isophorone
Concen: 27.611 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

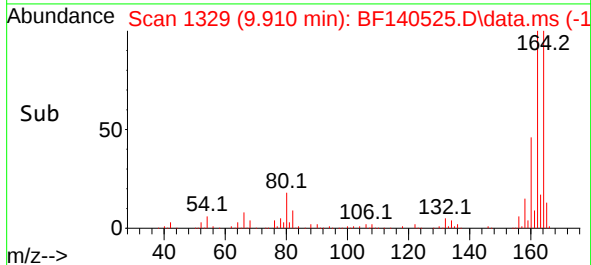
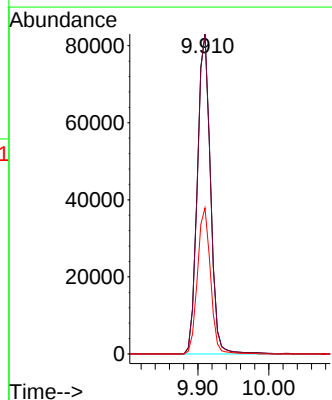
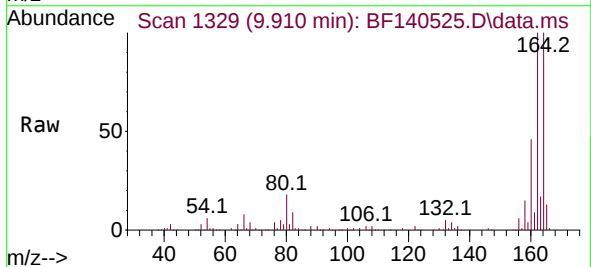
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TP-2-WC

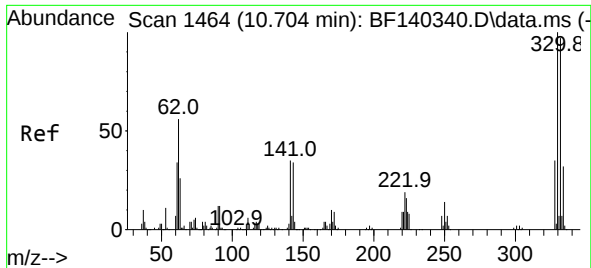
Tgt Ion: 82 Resp: 199776
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

Tgt Ion: 164 Resp: 106740
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.8
160 45.6 35.4 53.0

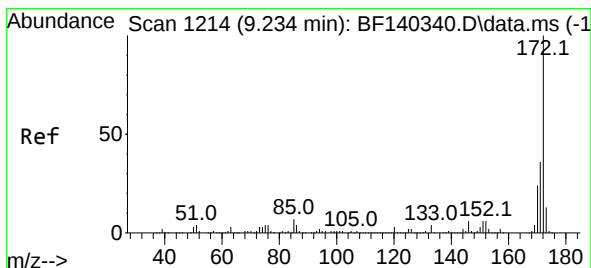
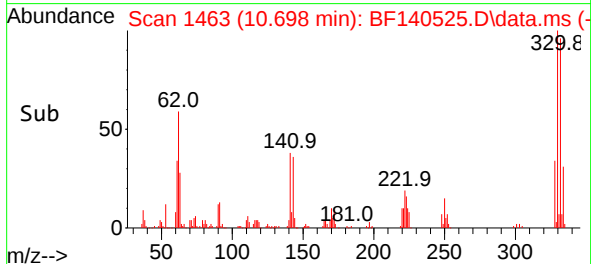
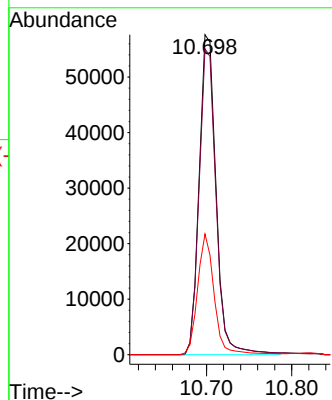
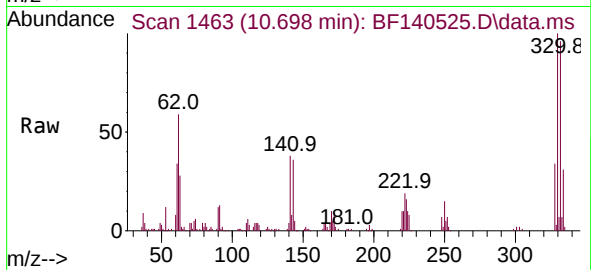




#42
2,4,6-Tribromophenol
Concen: 74.942 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

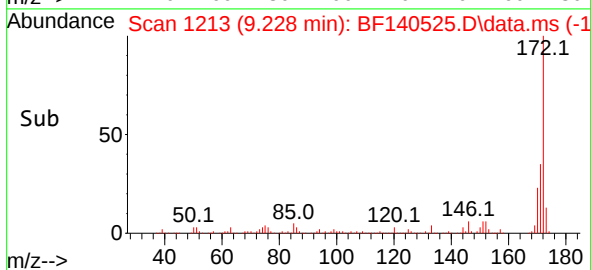
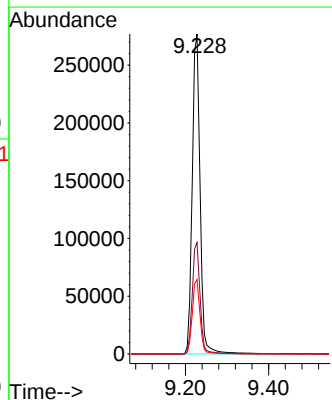
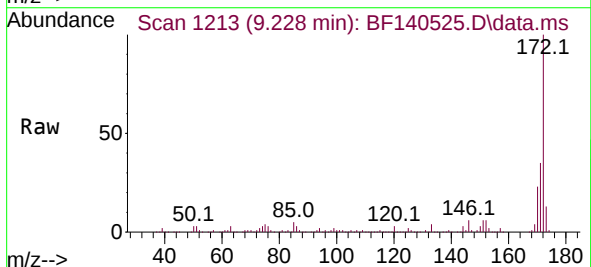
Instrument :
BNA_F
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Tgt Ion:330 Resp: 79547
Ion Ratio Lower Upper
330 100
332 96.7 75.9 113.9
141 37.1 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 55.126 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

Tgt Ion:172 Resp: 366035
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.2 19.1 28.7

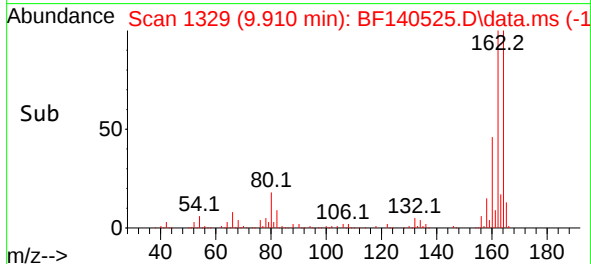
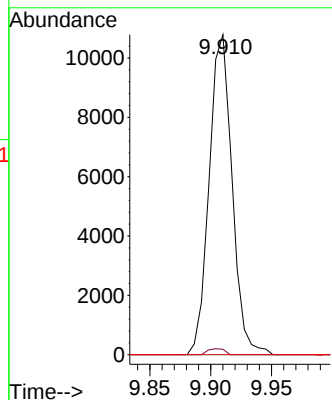
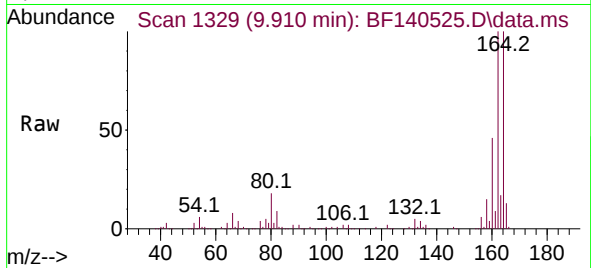




#51
2,6-Dinitrotoluene
Concen: 8.908 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

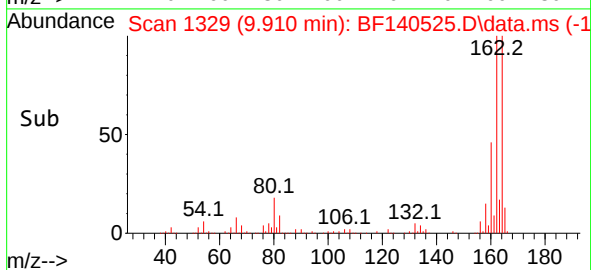
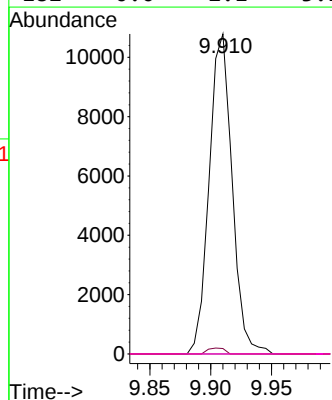
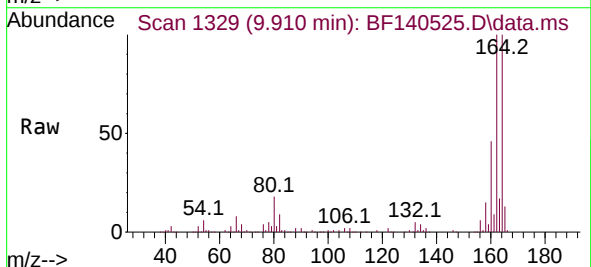
Instrument :
BNA_F
ClientSampleId :
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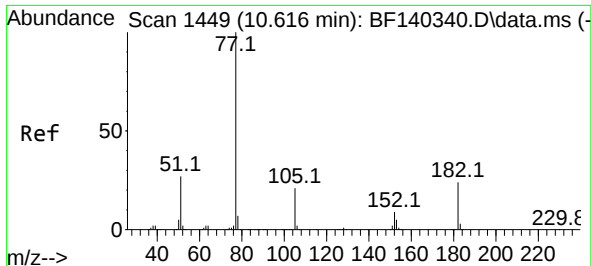
Tgt Ion:165 Resp: 14129
Ion Ratio Lower Upper
165 100
63 1.7 47.6 71.4#
89 0.0 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.768 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

Tgt Ion:165 Resp: 14129
Ion Ratio Lower Upper
165 100
63 1.7 39.4 59.0#
89 0.0 62.4 93.6#
182 0.0 2.1 3.1#

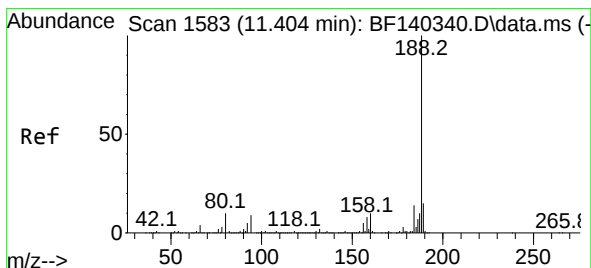
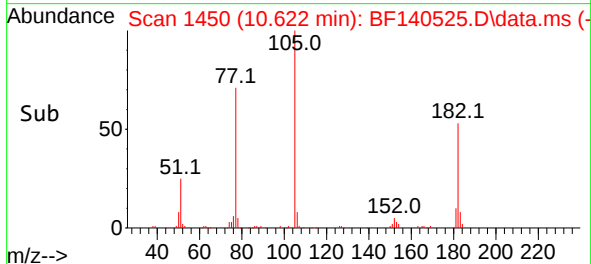
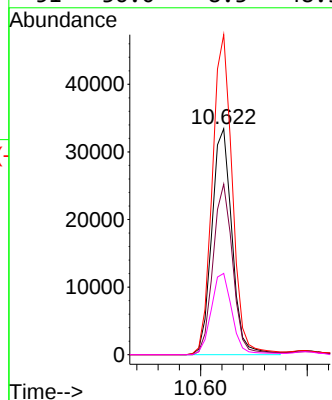
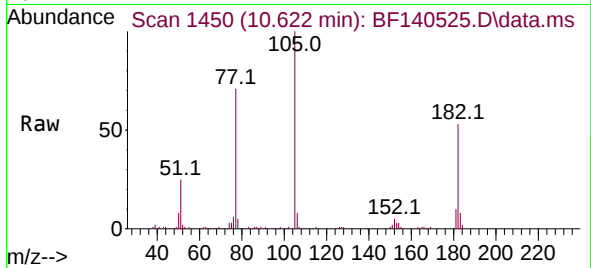




#63
Azobenzene
Concen: 6.260 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

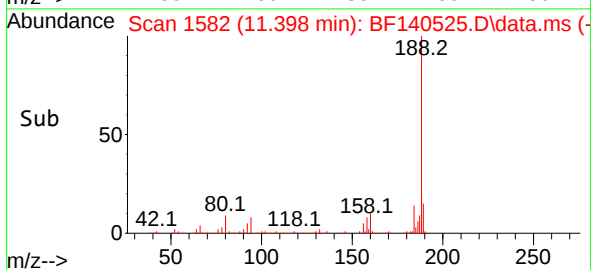
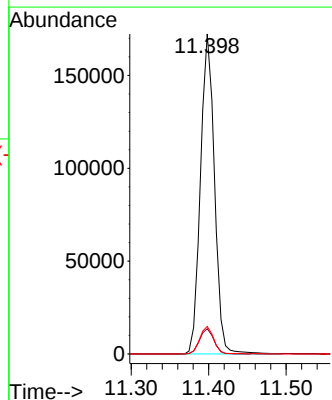
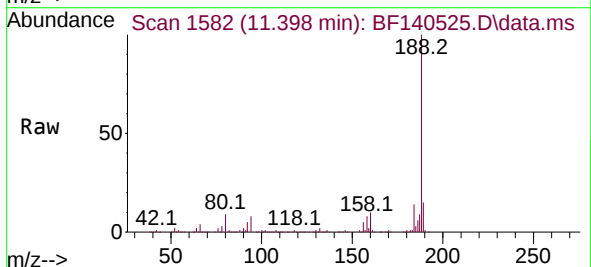
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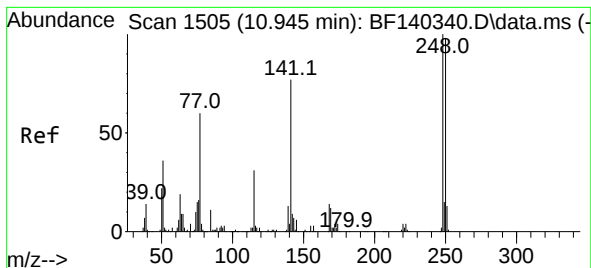
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Ion Ratio	Lower Upper
77 100	
182 75.5	4.6 44.6#
105 141.6	0.9 40.9#
51 36.0	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

Tgt Ion: 188	Resp: 216797
Ion Ratio	Lower Upper
188 100	
94 7.9	7.6 11.4
80 8.6	8.0 12.0

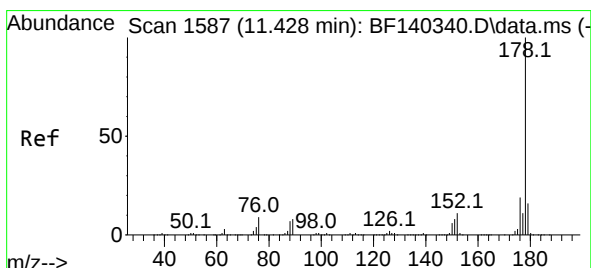
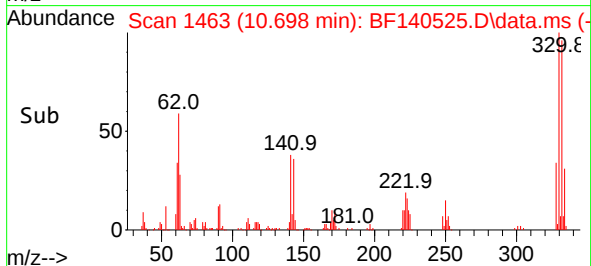
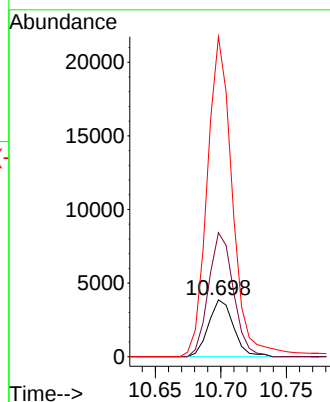
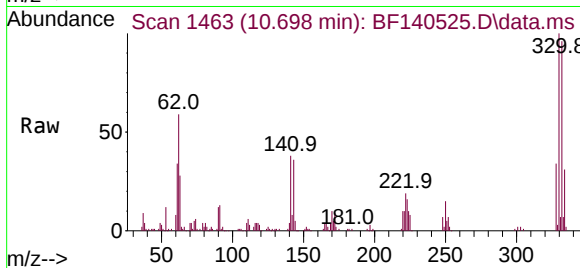




#67
4-Bromophenyl-phenylether
Concen: 2.363 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

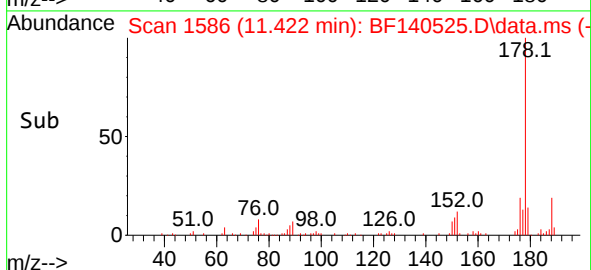
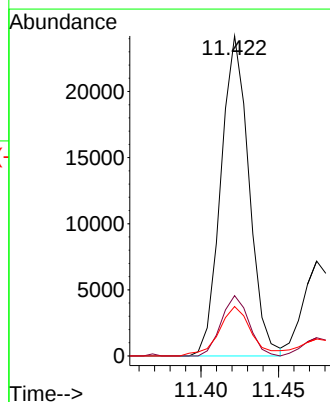
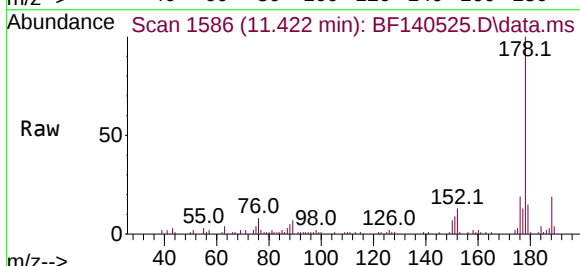
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

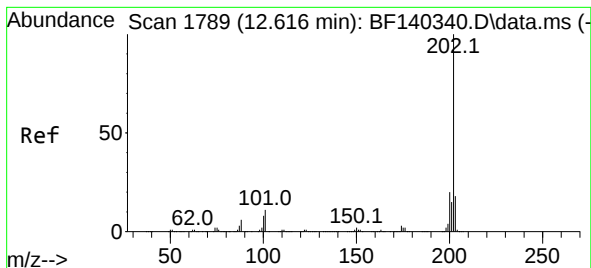
Tgt Ion:248 Resp: 5121
Ion Ratio Lower Upper
248 100
250 218.5 77.9 116.9#
141 564.0 61.8 92.6#



#71
Phenanthrene
Concen: 3.001 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

Tgt Ion:178 Resp: 30566
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.5 12.4 18.6

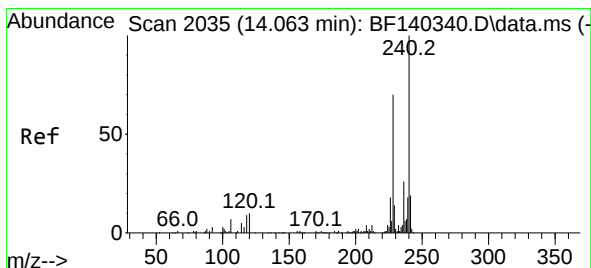
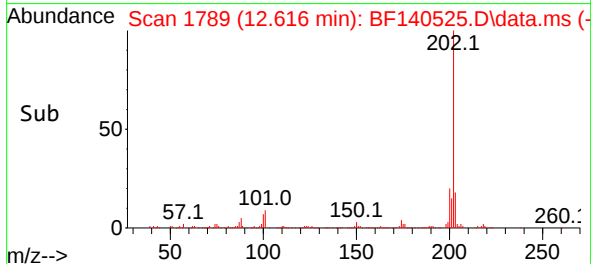
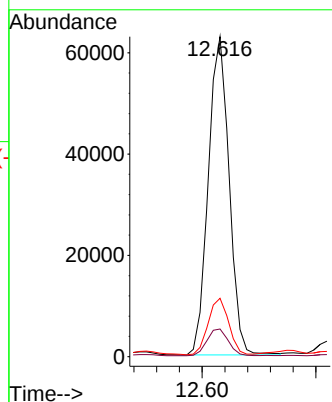
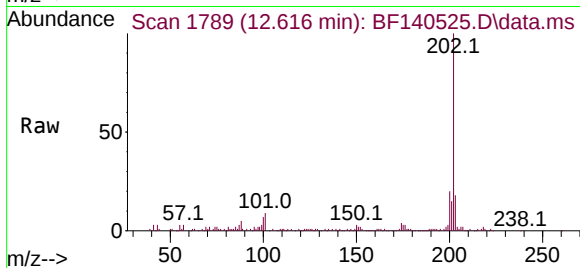




#75
Fluoranthene
Concen: 7.000 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

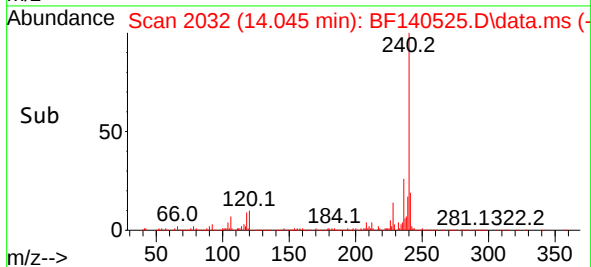
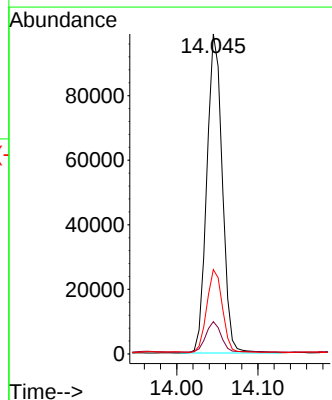
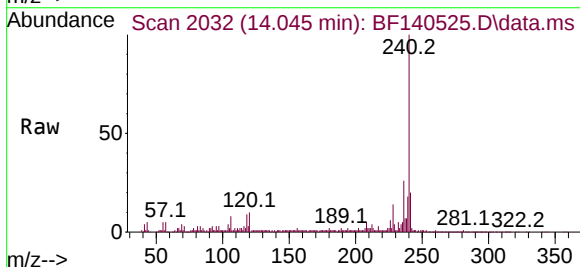
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

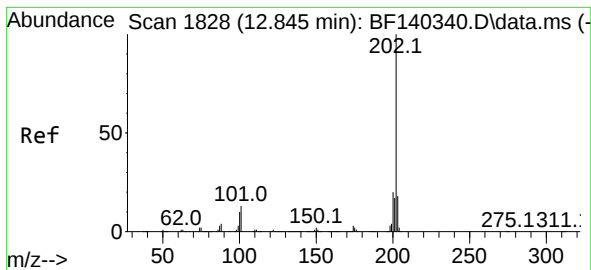
Tgt Ion:	202	Resp:	79977
Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.7
203	18.3	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

Tgt Ion:	240	Resp:	130469
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.8	13.2
236	26.4	20.9	31.3





#78

Pyrene

Concen: 7.616 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF140525.D

Acq: 21 Nov 2024 02:35

Instrument :

BNA_F

ClientSampleId :

TP-2-WC

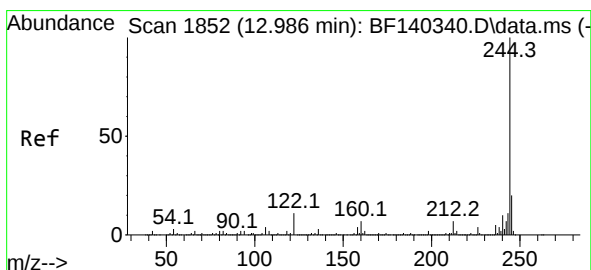
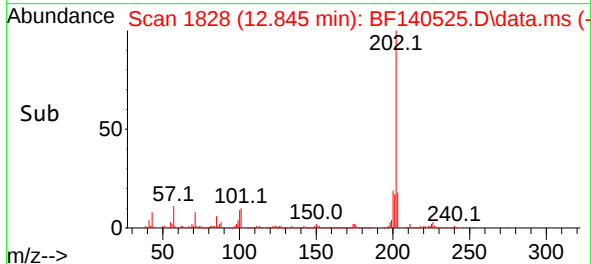
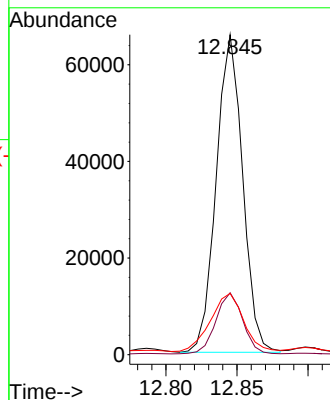
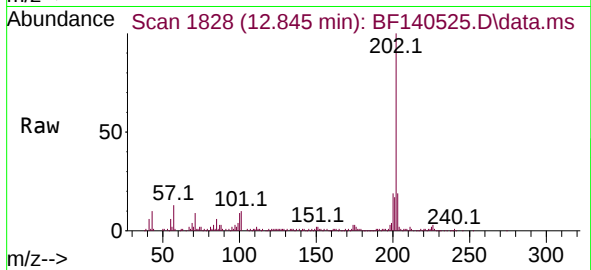
Tgt Ion:202 Resp: 84992

Ion Ratio Lower Upper

202 100

200 19.4 16.2 24.2

203 19.2 14.2 21.4



#79

Terphenyl-d14

Concen: 59.569 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF140525.D

Acq: 21 Nov 2024 02:35

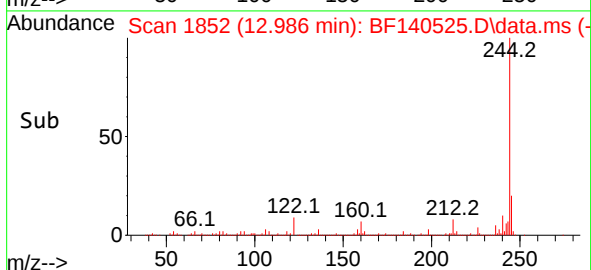
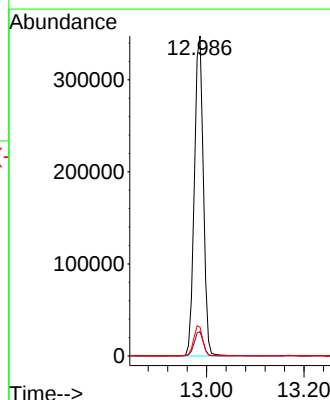
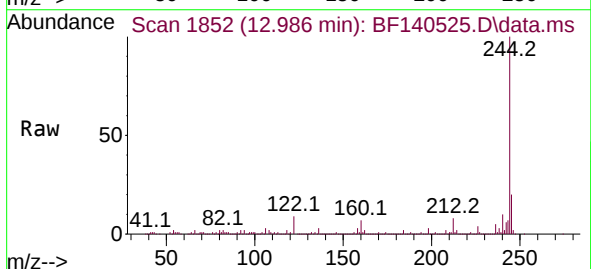
Tgt Ion:244 Resp: 447746

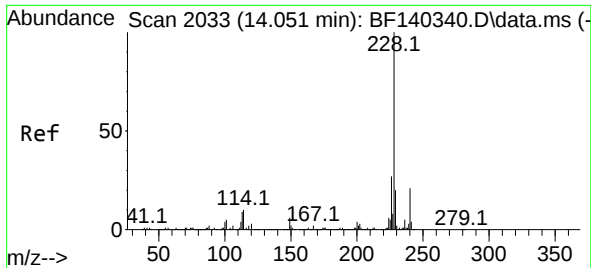
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 9.0 8.8 13.2

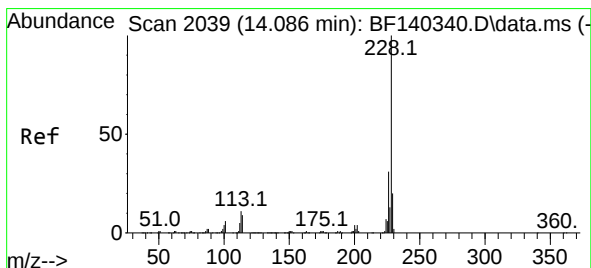
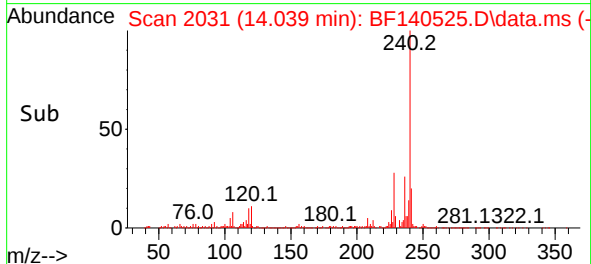
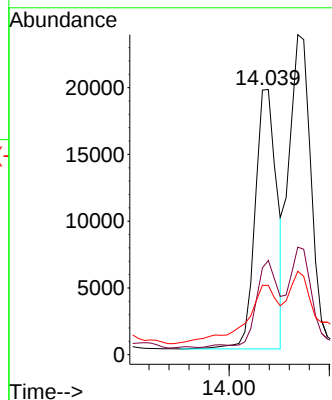
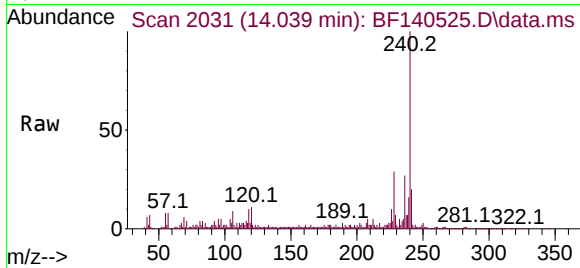




#81
Benzo(a)anthracene
Concen: 3.397 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

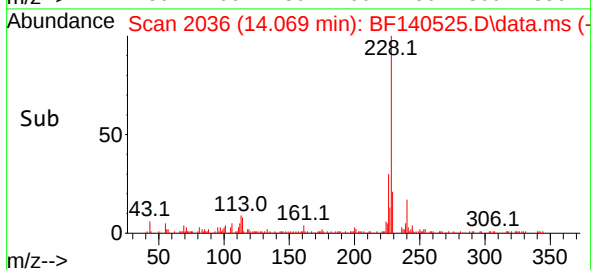
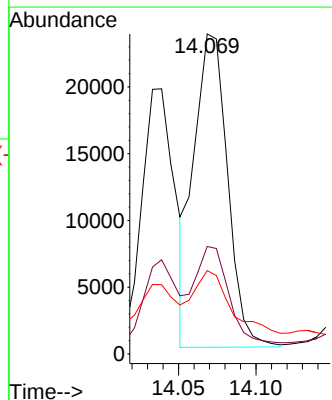
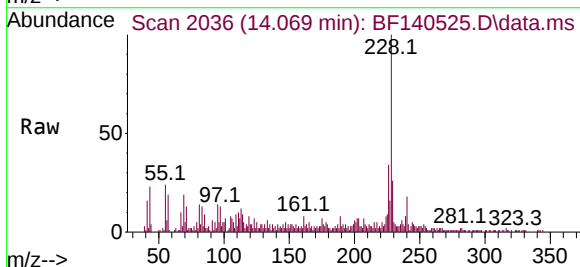
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

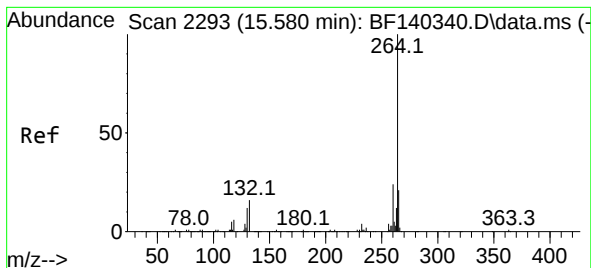
Tgt Ion:228 Resp: 29132
Ion Ratio Lower Upper
228 100
226 35.5 22.2 33.4#
229 26.2 15.8 23.6#



#83
Chrysene
Concen: 4.537 ng
RT: 14.069 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF140525.D
Acq: 21 Nov 2024 02:35

Tgt Ion:228 Resp: 35499
Ion Ratio Lower Upper
228 100
226 33.6 24.5 36.7
229 26.0 16.0 24.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140525.D

Acq: 21 Nov 2024 02:35

Instrument :

BNA_F

ClientSampleId :

TP-2-WC

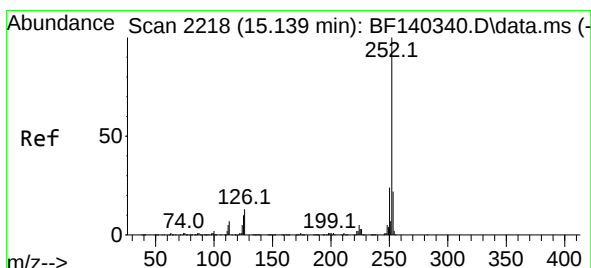
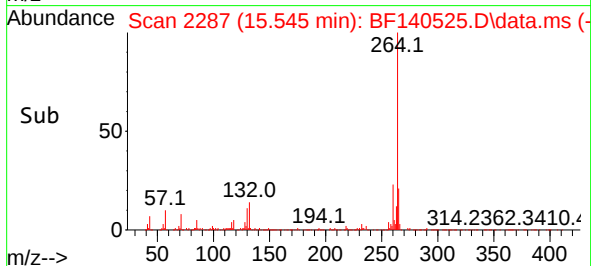
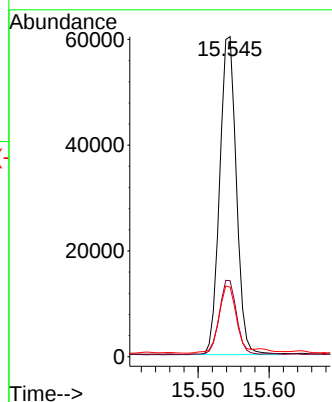
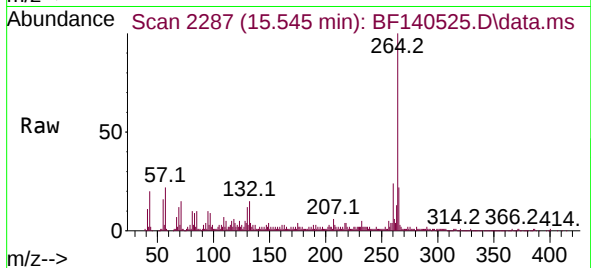
Tgt Ion:264 Resp: 97922

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.7 17.1 25.7



#88

Benzo(b)fluoranthene

Concen: 5.732 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.012 min

Lab File: BF140525.D

Acq: 21 Nov 2024 02:35

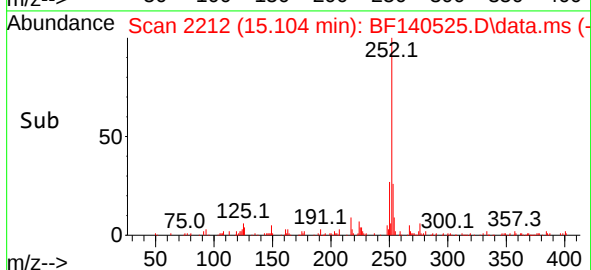
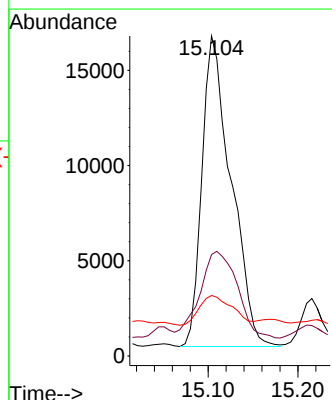
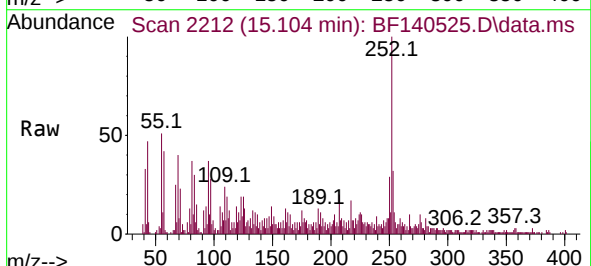
Tgt Ion:252 Resp: 36718

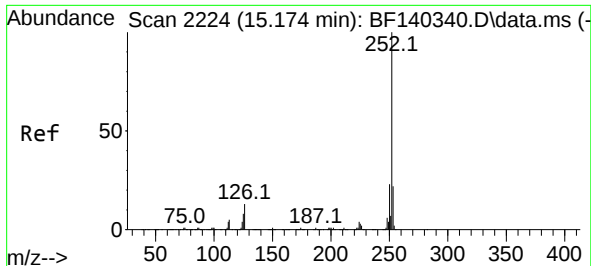
Ion Ratio Lower Upper

252 100

253 31.7 17.5 26.3#

125 18.9 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 7.017 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF140525.D

Acq: 21 Nov 2024 02:35

Instrument :

BNA_F

ClientSampleId :

TP-2-WC

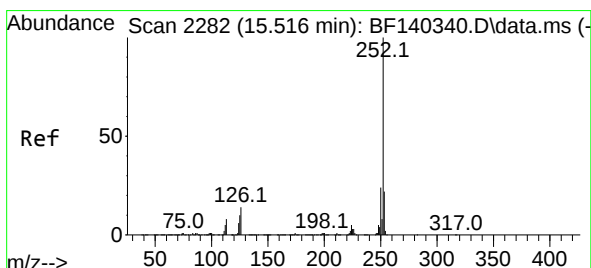
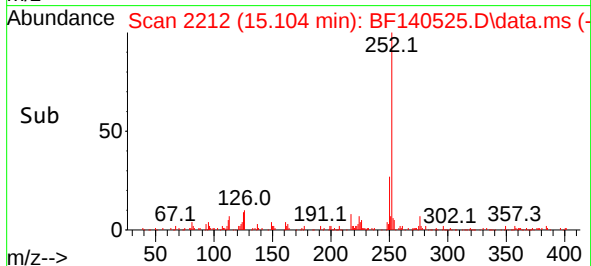
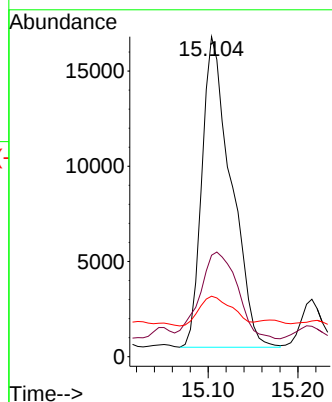
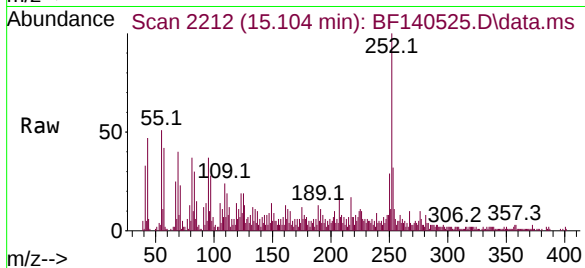
Tgt Ion:252 Resp: 36718

Ion Ratio Lower Upper

252 100

253 31.7 17.3 25.9#

125 18.9 7.4 11.2#



#90

Benzo(a)pyrene

Concen: 3.728 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.018 min

Lab File: BF140525.D

Acq: 21 Nov 2024 02:35

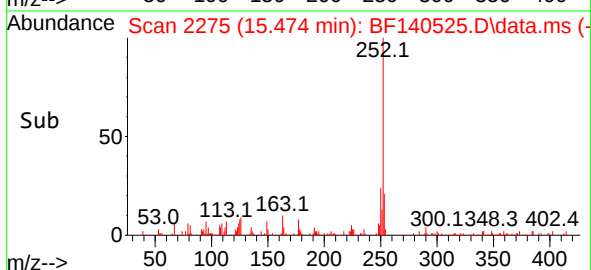
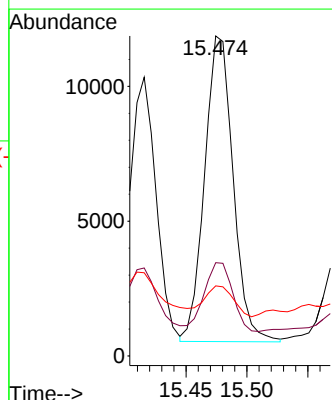
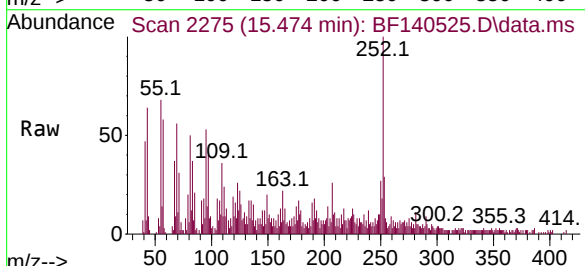
Tgt Ion:252 Resp: 18544

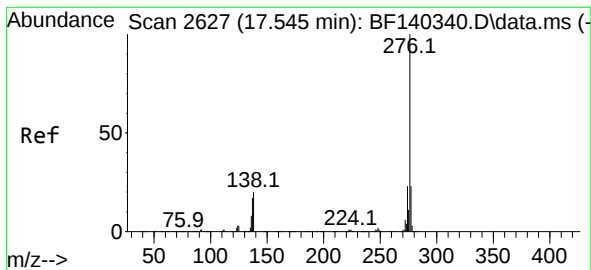
Ion Ratio Lower Upper

252 100

253 29.1 17.8 26.6#

125 21.9 8.4 12.6#





#92

Benzo(g,h,i)perylene

Concen: 2.325 ng

RT: 17.504 min Scan# 2

Delta R.T. -0.012 min

Lab File: BF140525.D

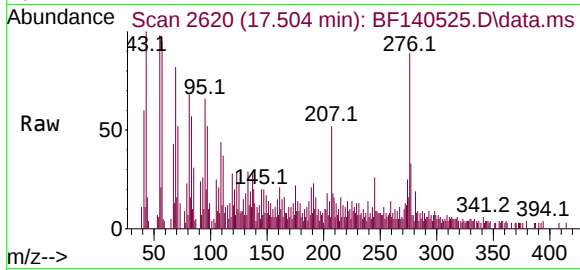
Acq: 21 Nov 2024 02:35

Instrument :

BNA_F

ClientSampleId :

TP-2-WC



Tgt Ion:276 Resp: 11883

Ion Ratio Lower Upper

276 100

277 36.9 18.6 28.0#

138 22.8 16.0 24.0

