

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140184.D
 Acq On : 31 Oct 2024 13:03
 Operator : RC/JU
 Sample : P4611-04RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Oct 31 13:34:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

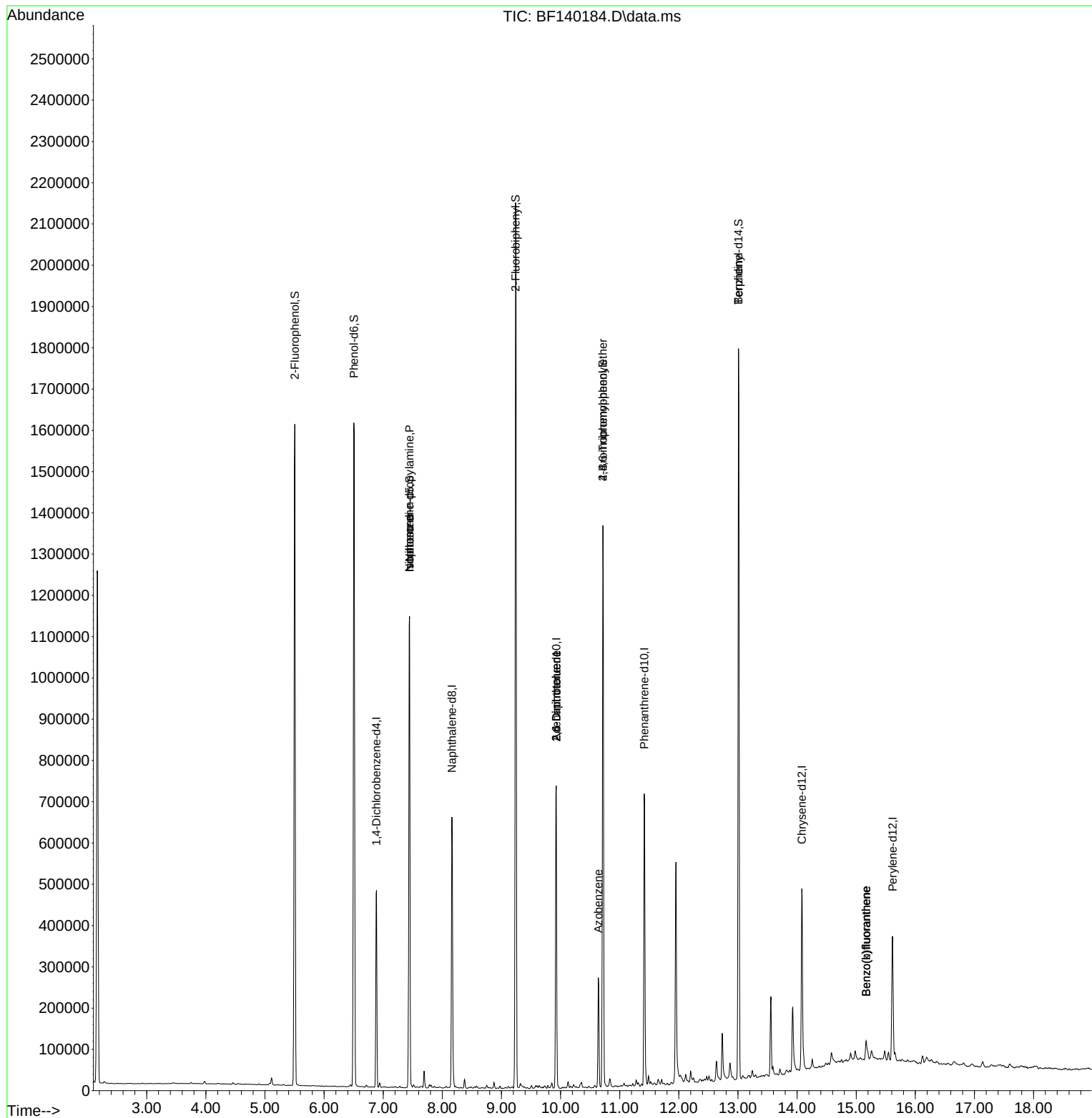
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	97597	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	385675	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	219892	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	376602	20.000	ng	0.00
76) Chrysene-d12	14.080	240	202617	20.000	ng	0.03
86) Perylene-d12	15.615	264	183268	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	589296	94.525	ng	0.00
7) Phenol-d6	6.504	99	768825	95.218	ng	0.00
23) Nitrobenzene-d5	7.445	82	519322	74.629	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	227411	110.565	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	980146	73.667	ng	-0.01
79) Terphenyl-d14	13.010	244	886023	71.255	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	70637	14.424	ng	# 78
25) Isophorone	7.445	82	517510	39.183	ng	# 67
51) 2,6-Dinitrotoluene	9.928	165	29196	9.845	ng	# 22
57) 2,4-Dinitrotoluene	9.928	165	29196	8.006	ng	# 21
63) Azobenzene	10.639	77	68077	4.775	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	15016	3.870	ng	# 1
77) Benzidine	13.010	184	11670	3.503	ng	# 92
88) Benzo(b)fluoranthene	15.168	252	36633	3.281	ng	97
89) Benzo(k)fluoranthene	15.168	252	36633	3.805	ng	97

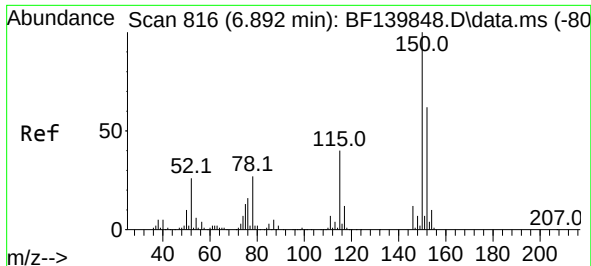
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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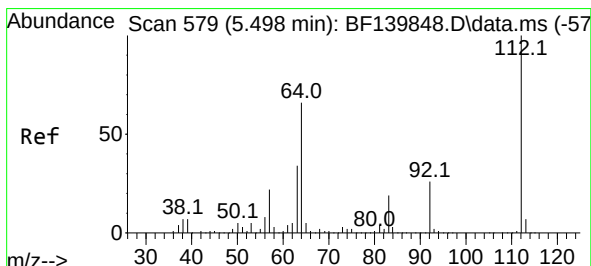
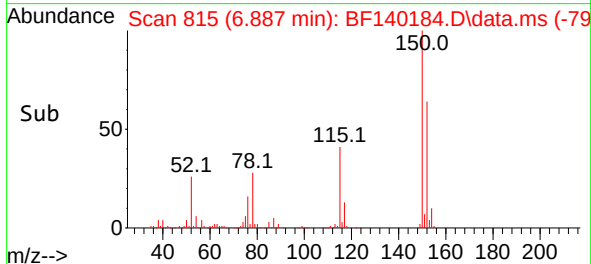
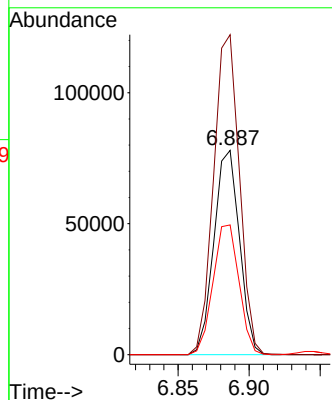
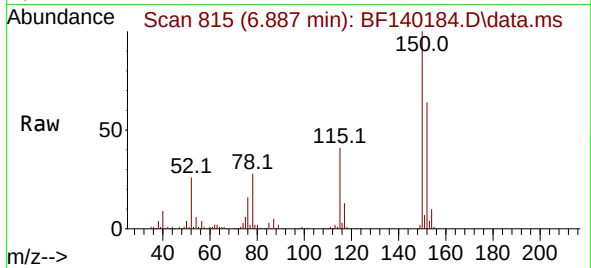




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

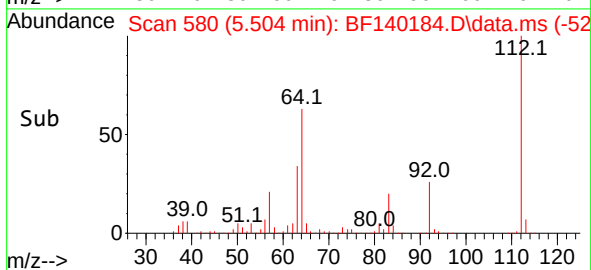
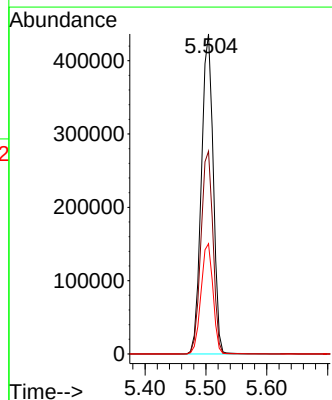
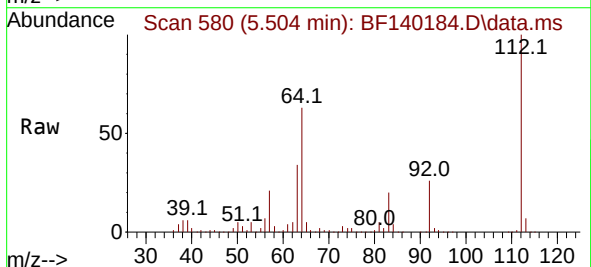
Instrument :
BNA_F
ClientSampleId :
TP-2

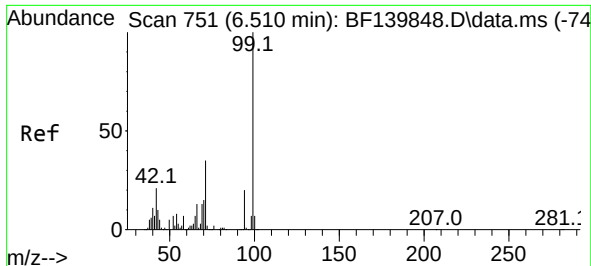
Tgt Ion:152 Resp: 97597
Ion Ratio Lower Upper
152 100
150 156.6 130.2 195.2
115 63.5 51.4 77.2



#5
2-Fluorophenol
Concen: 94.525 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

Tgt Ion:112 Resp: 589296
Ion Ratio Lower Upper
112 100
64 63.4 53.0 79.6
63 34.5 27.0 40.4

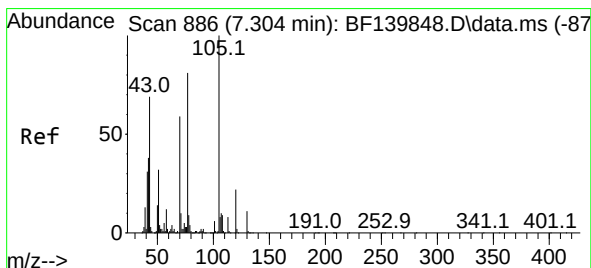
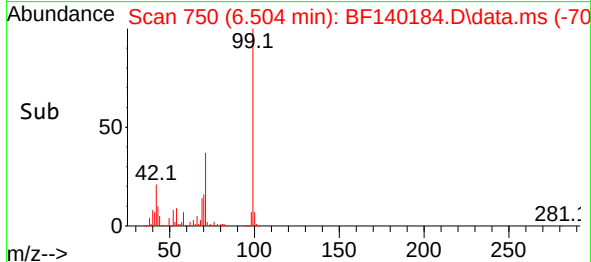
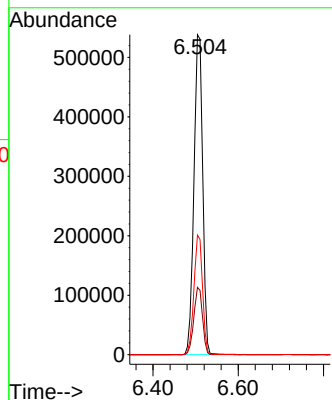
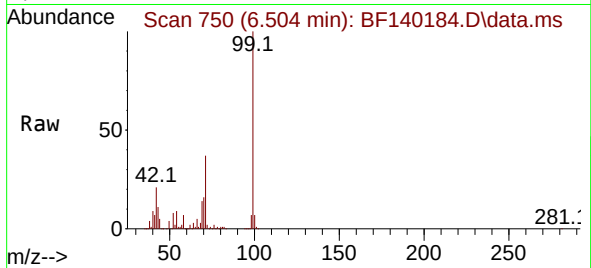




#7
Phenol-d6
Concen: 95.218 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

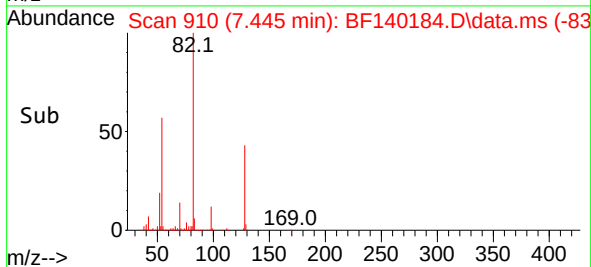
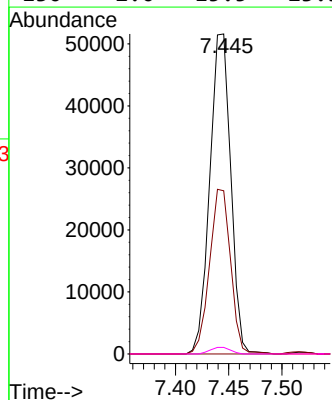
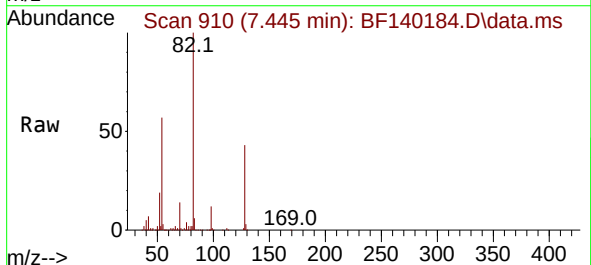
Instrument :
BNA_F
ClientSampleId :
TP-2

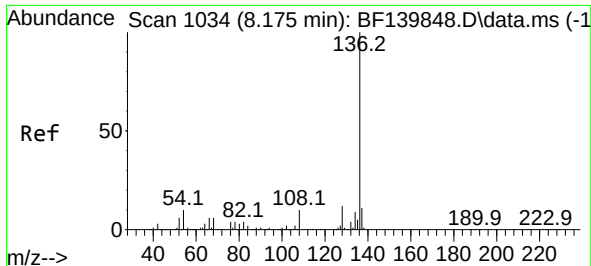
Tgt Ion: 99 Resp: 768825
Ion Ratio Lower Upper
99 100
42 21.1 16.7 25.1
71 37.4 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.424 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

Tgt Ion: 70 Resp: 70637
Ion Ratio Lower Upper
70 100
42 51.0 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

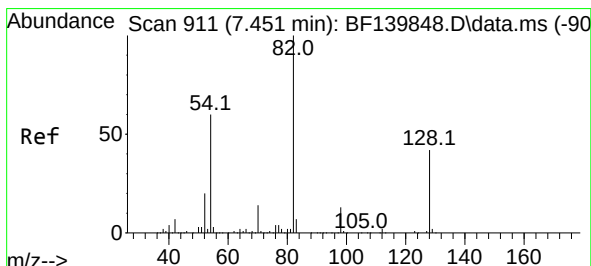
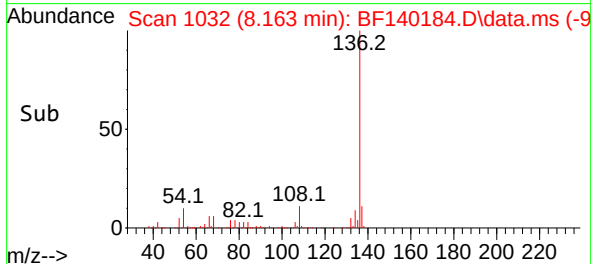
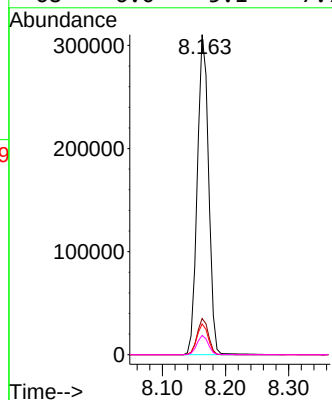
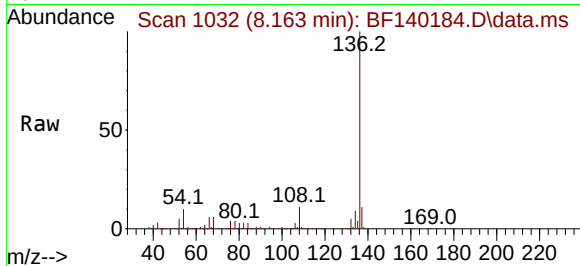




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

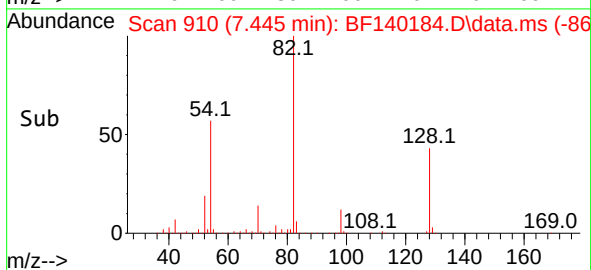
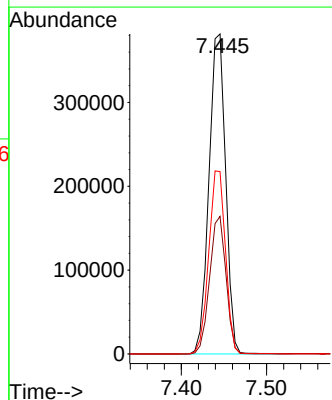
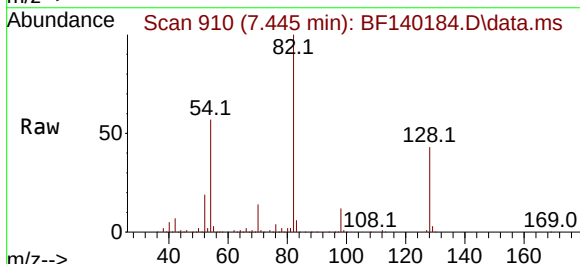
Instrument :
BNA_F
ClientSampleId :
TP-2

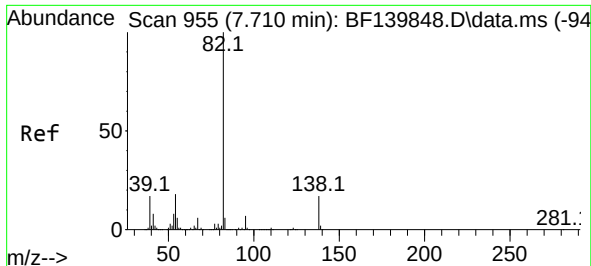
Tgt Ion:	136	Resp:	385675
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	9.6	8.4	12.6
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 74.629 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

Tgt Ion:	82	Resp:	519322
Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.0
54	57.0	47.8	71.8

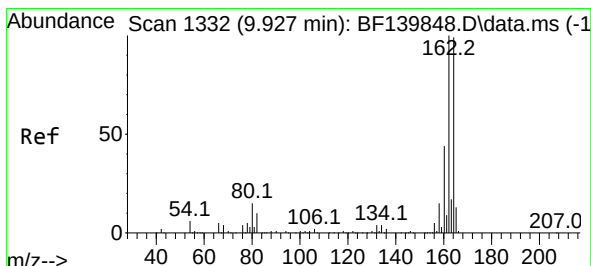
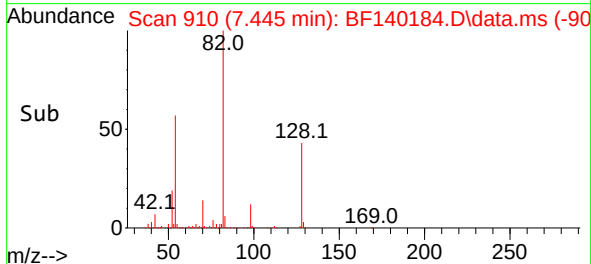
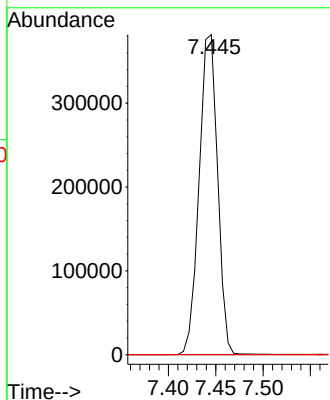
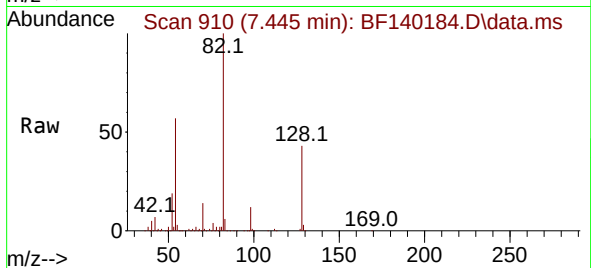




#25
Isophorone
Concen: 39.183 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

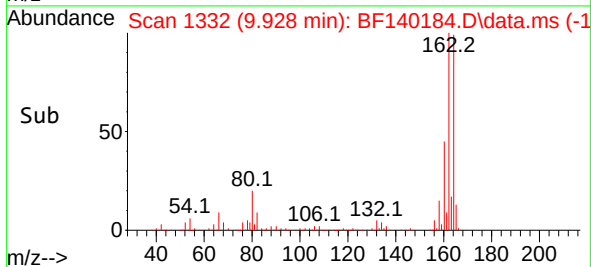
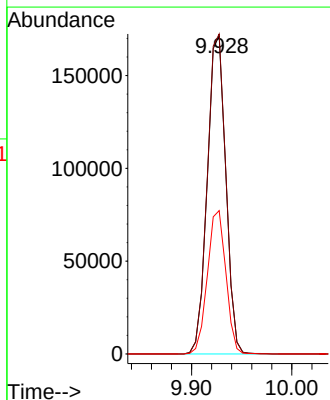
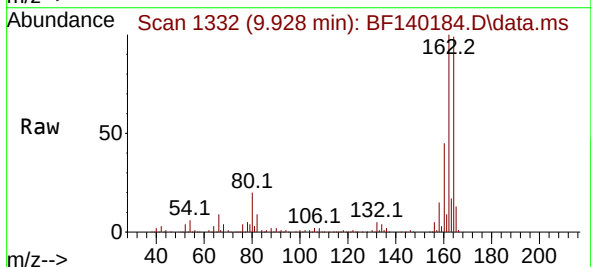
Instrument :
BNA_F
ClientSampleId :
TP-2

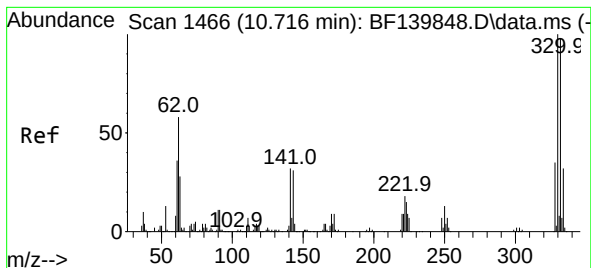
Tgt Ion: 82 Resp: 517510
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

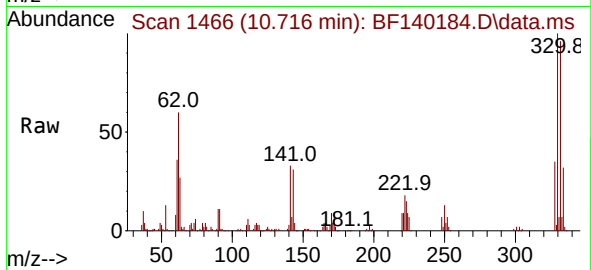
Tgt Ion:164 Resp: 219892
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.4
160 45.1 35.4 53.0



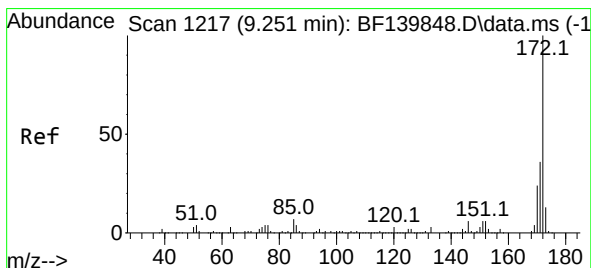
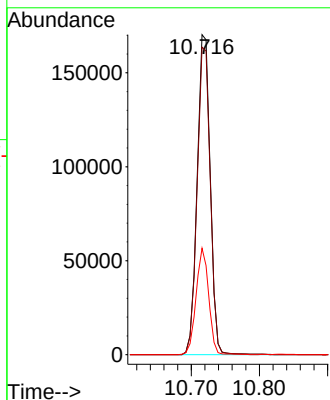
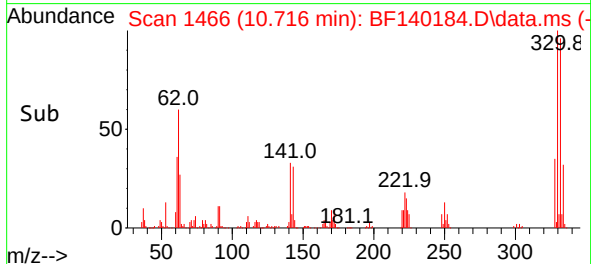


#42
2,4,6-Tribromophenol
Concen: 110.565 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

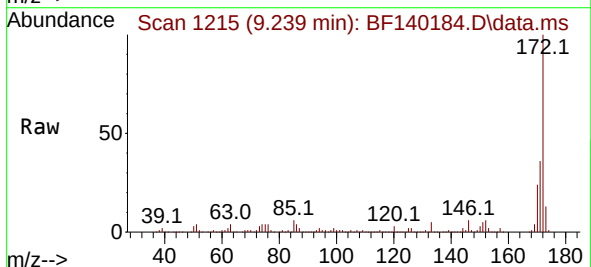
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BNA_F
ClientSampleId :
TP-2



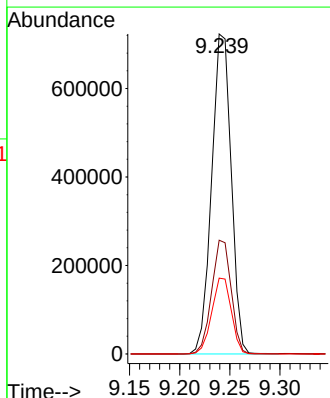
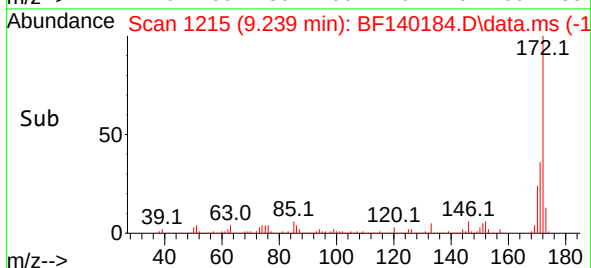
Tgt Ion:330 Resp: 227411
Ion Ratio Lower Upper
330 100
332 96.6 78.1 117.1
141 32.1 26.6 39.8

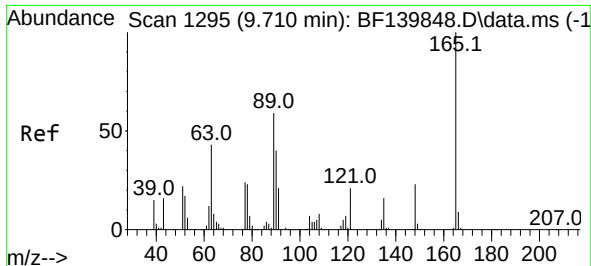


#45
2-Fluorobiphenyl
Concen: 73.667 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03



Tgt Ion:172 Resp: 980146
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.7 19.1 28.7

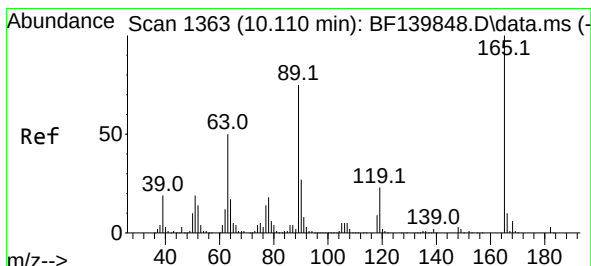
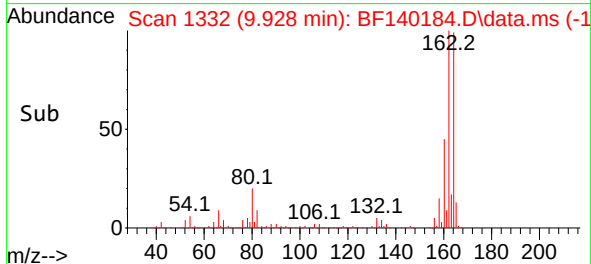
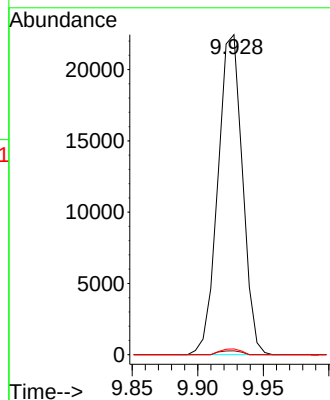
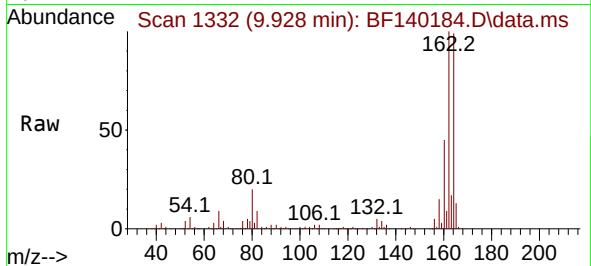




#51
2,6-Dinitrotoluene
Concen: 9.845 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

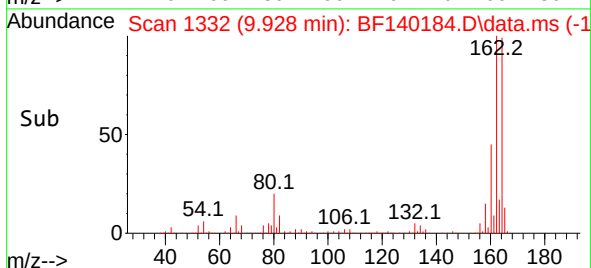
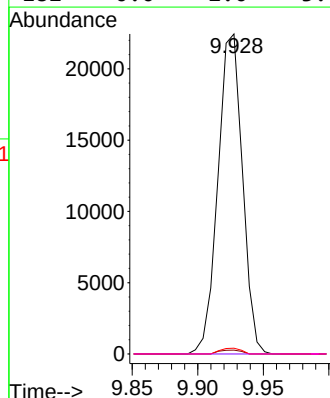
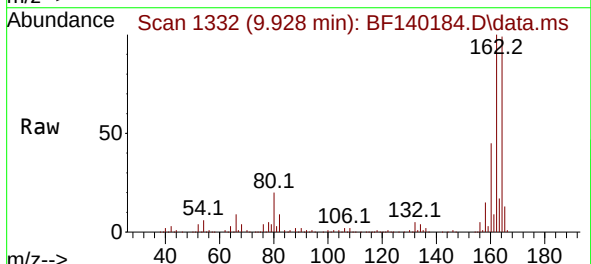
Instrument :
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ClientSampleId :
TP-2

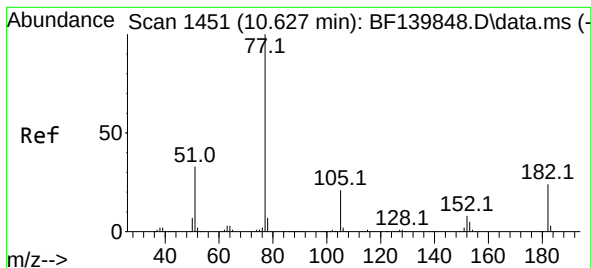
Tgt Ion:165 Resp: 29196
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.8 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 8.006 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

Tgt Ion:165 Resp: 29196
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.8 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 4.775 ng

RT: 10.639 min Scan# 1451

Delta R.T. 0.012 min

Lab File: BF140184.D

Acq: 31 Oct 2024 13:03

Instrument :

BNA_F

ClientSampleId :

TP-2

Tgt Ion: 77 Resp: 68077

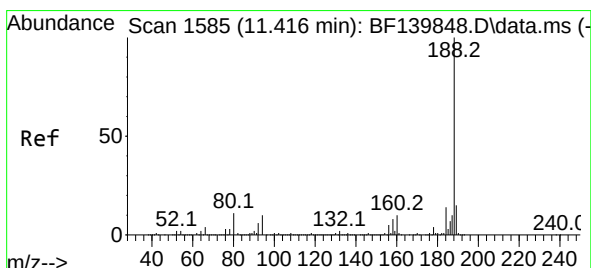
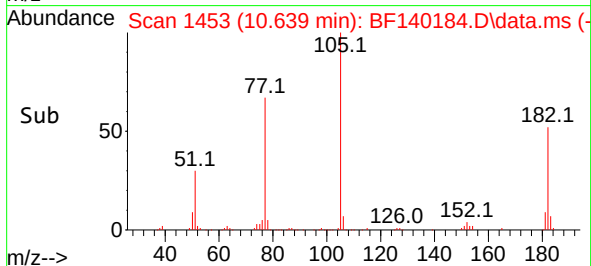
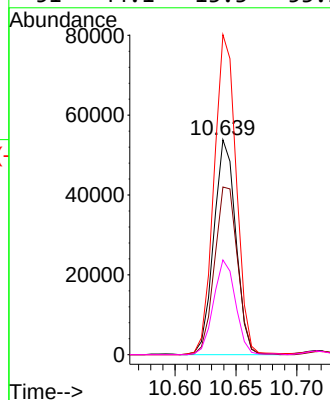
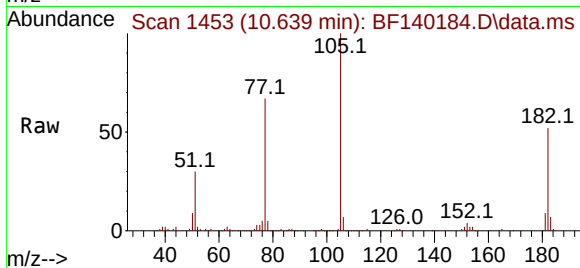
Ion Ratio Lower Upper

77 100

182 78.0 3.3 43.3#

105 148.9 1.2 41.2#

51 44.1 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF140184.D

Acq: 31 Oct 2024 13:03

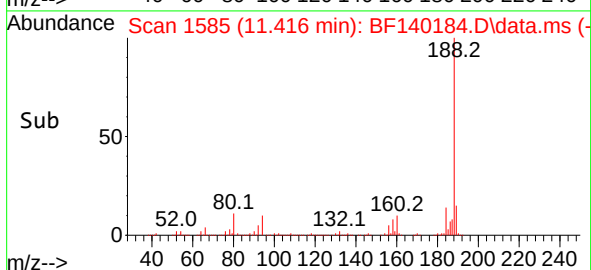
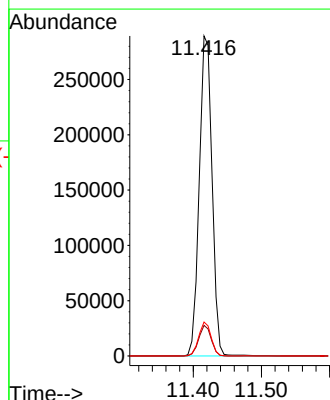
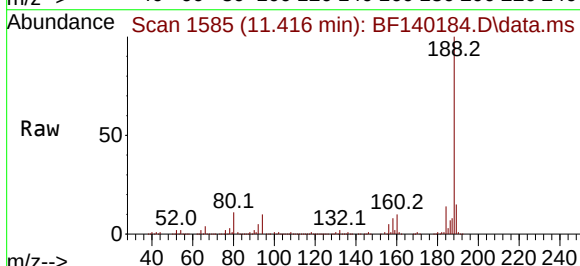
Tgt Ion:188 Resp: 376602

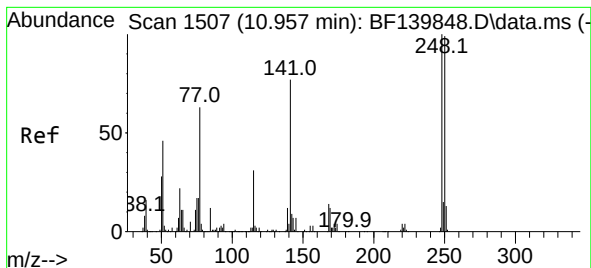
Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.6 9.0 13.4

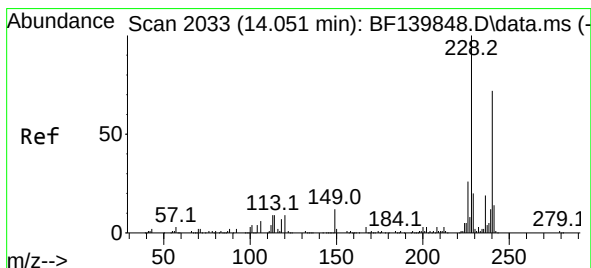
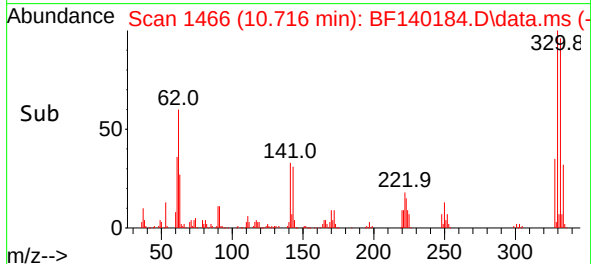
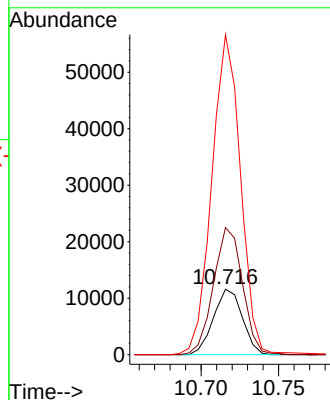
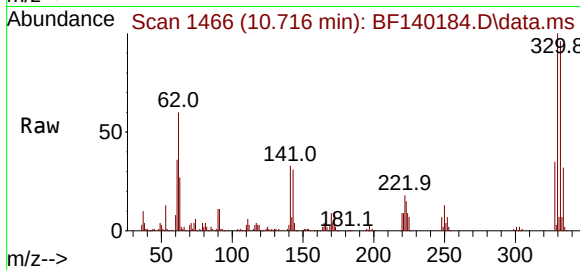




#67
4-Bromophenyl-phenylether
Concen: 3.870 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

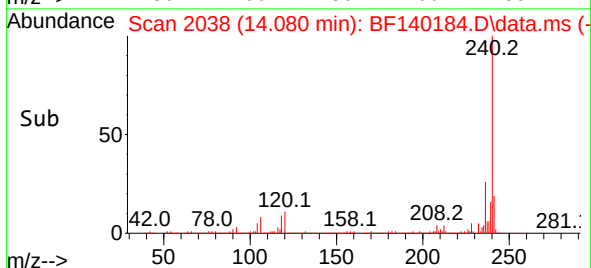
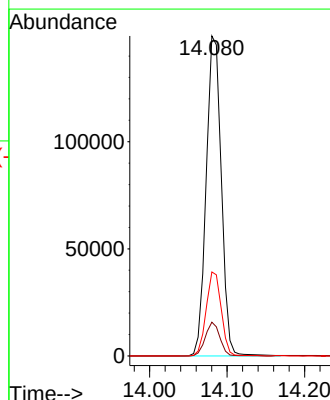
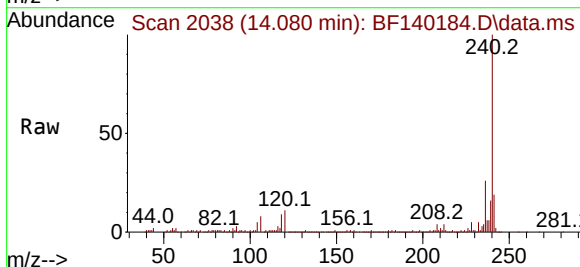
Instrument :
BNA_F
ClientSampleId :
TP-2

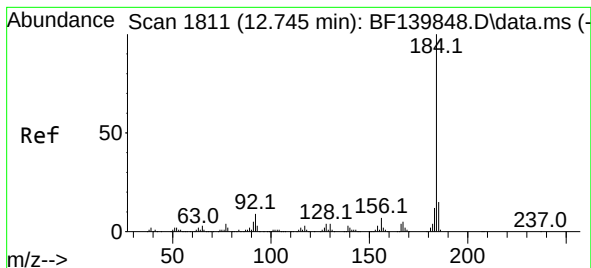
Tgt Ion:248 Resp: 15016
Ion Ratio Lower Upper
248 100
250 194.0 79.0 118.6#
141 488.5 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2038
Delta R.T. 0.029 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

Tgt Ion:240 Resp: 202617
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 26.3 20.9 31.3





#77

Benzidine

Concen: 3.503 ng

RT: 13.010 min Scan# 1856

Delta R.T. 0.265 min

Lab File: BF140184.D

Acq: 31 Oct 2024 13:03

Instrument :

BNA_F

ClientSampleId :

TP-2

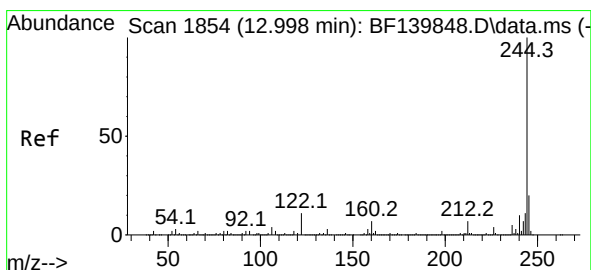
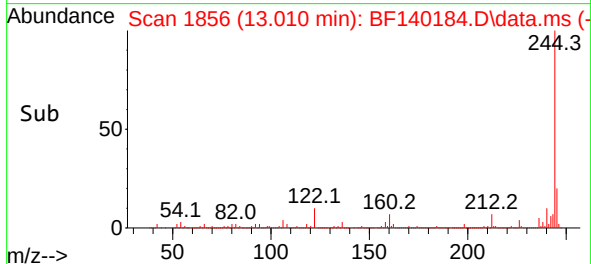
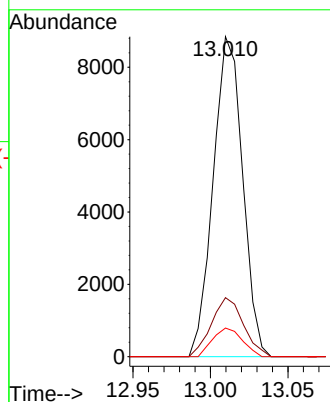
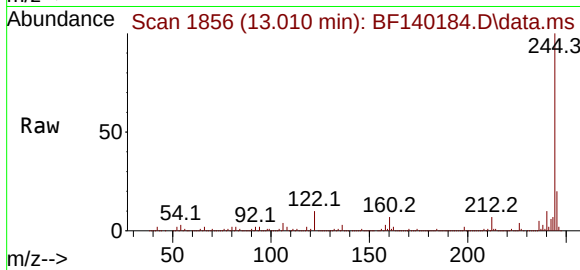
Tgt Ion:184 Resp: 11670

Ion Ratio Lower Upper

184 100

185 18.4 12.0 18.0#

183 9.0 9.4 14.2#



#79

Terphenyl-d14

Concen: 71.255 ng

RT: 13.010 min Scan# 1856

Delta R.T. 0.012 min

Lab File: BF140184.D

Acq: 31 Oct 2024 13:03

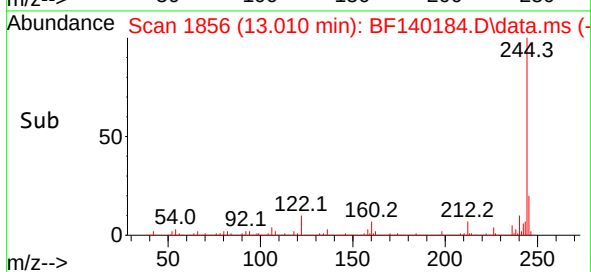
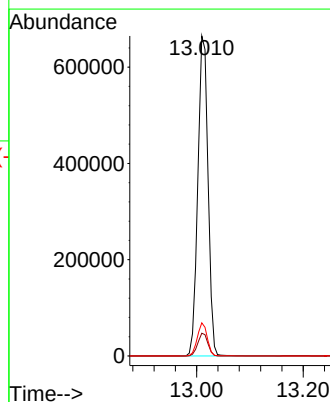
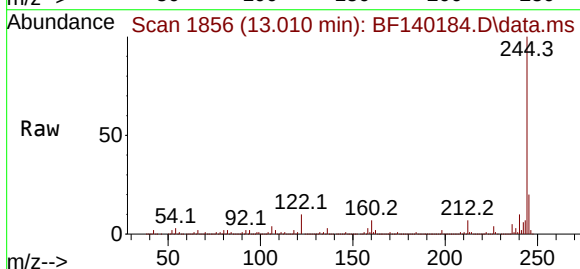
Tgt Ion:244 Resp: 886023

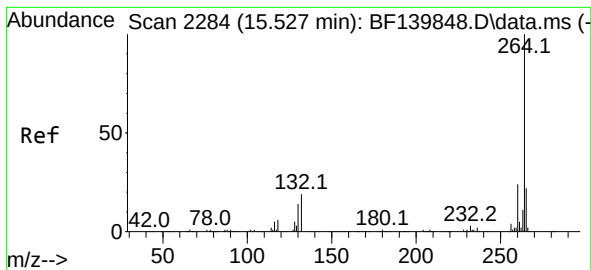
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.3 8.6 13.0

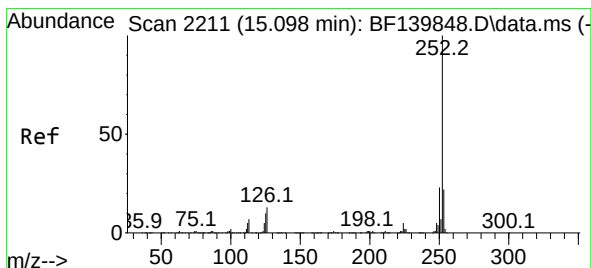
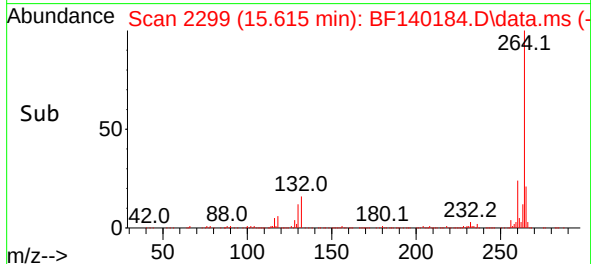
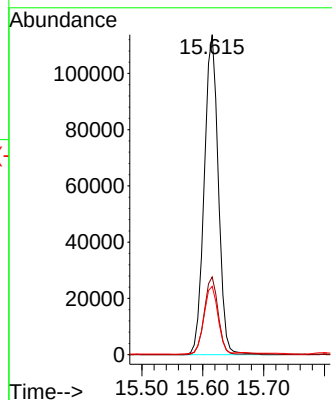
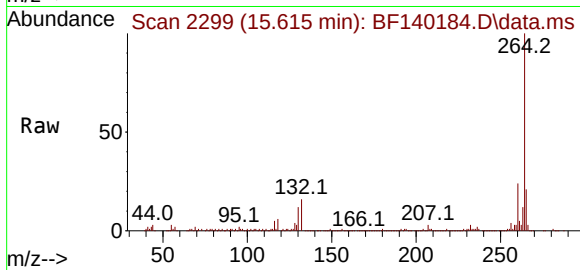




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

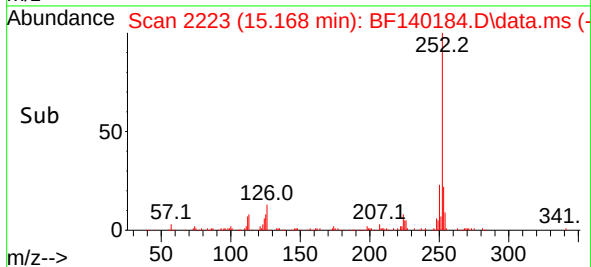
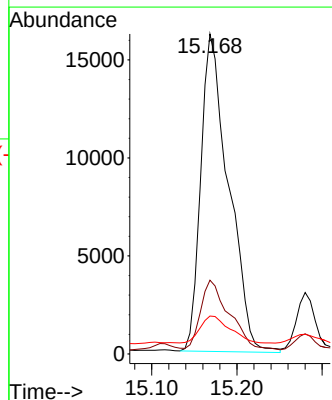
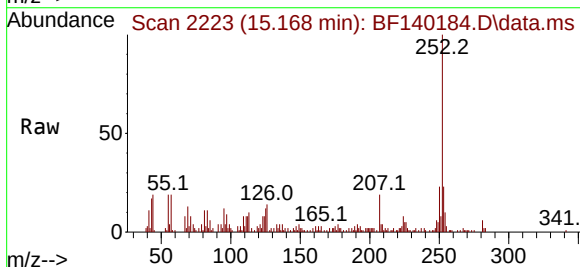
Instrument :
BNA_F
ClientSampleId :
TP-2

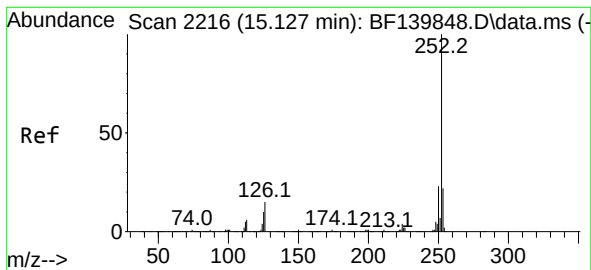
Tgt Ion:264 Resp: 183268
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.4 17.4 26.0



#88
Benzo(b)fluoranthene
Concen: 3.281 ng
RT: 15.168 min Scan# 2223
Delta R.T. 0.071 min
Lab File: BF140184.D
Acq: 31 Oct 2024 13:03

Tgt Ion:252 Resp: 36633
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 11.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 3.805 ng

RT: 15.168 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140184.D

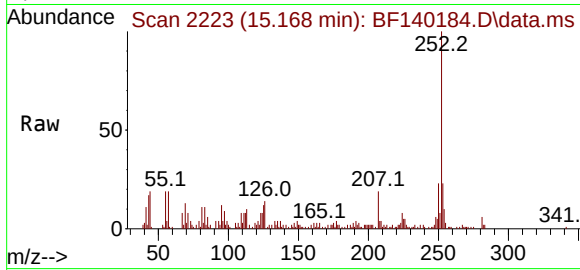
Acq: 31 Oct 2024 13:03

Instrument :

BNA_F

ClientSampleId :

TP-2



Tgt Ion:252 Resp: 36633

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 11.8 7.9 11.9

