

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140486.D
 Acq On : 19 Nov 2024 20:47
 Operator : RC/JU
 Sample : P4768-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-6-3

Quant Time: Nov 20 00:12:06 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)

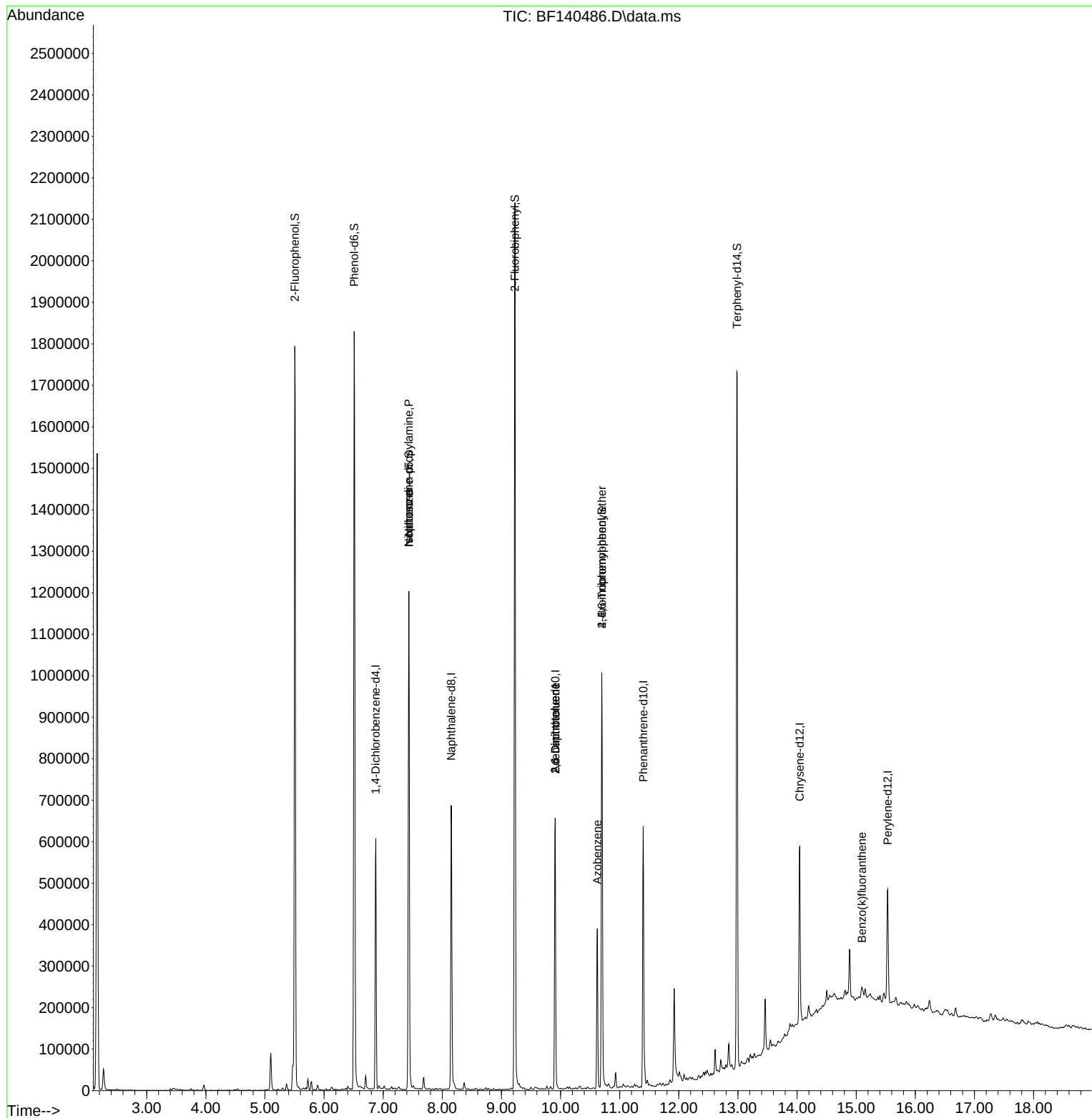
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	127675	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	442278	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	205389	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	337964	20.000	ng	0.00
76) Chrysene-d12	14.045	240	204768	20.000	ng	0.00
86) Perylene-d12	15.533	264	163923	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	685410	91.659	ng	0.01
7) Phenol-d6	6.510	99	886378	87.490	ng	0.00
23) Nitrobenzene-d5	7.434	82	556589	65.569	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	174333	85.356	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	967159	75.698	ng	0.00
79) Terphenyl-d14	12.986	244	856499	72.604	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	74754	12.217	ng	# 77
25) Isophorone	7.434	82	551588	36.664	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	26056	8.537	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	26057	6.487	ng	# 20
63) Azobenzene	10.622	77	102873	7.606	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	11301	3.345	ng	# 1
89) Benzo(k)fluoranthene	15.098	252	18053	2.061	ng	# 64

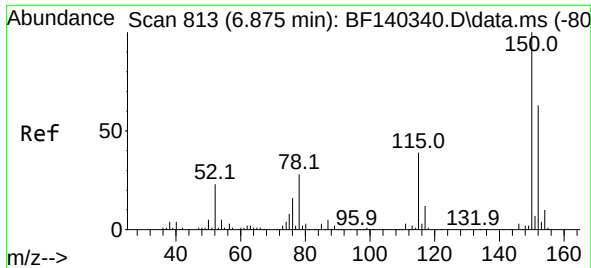
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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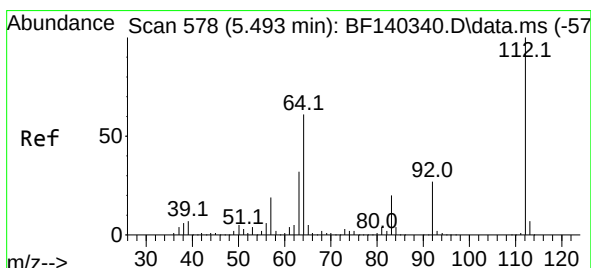
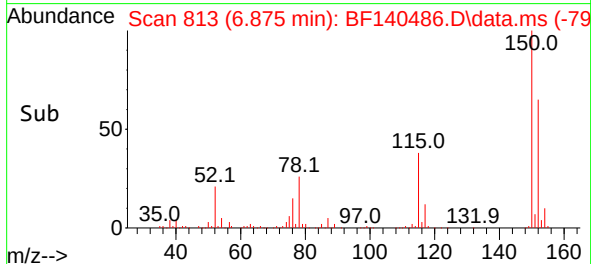
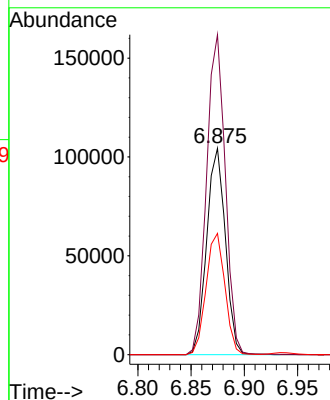
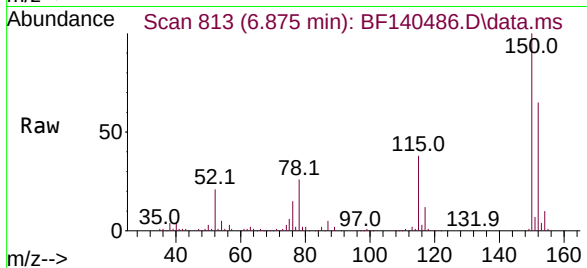




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140486.D
Acq: 19 Nov 2024 20:47

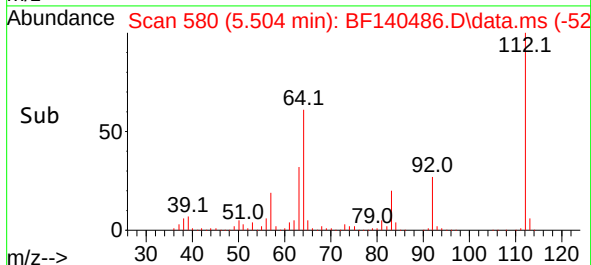
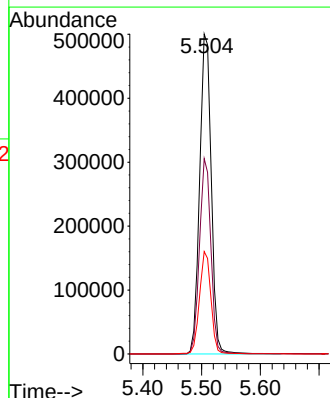
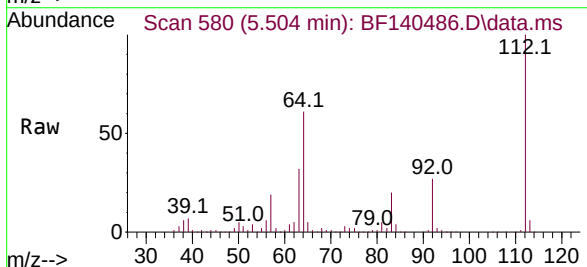
Instrument :
BNA_F
ClientSampleId :
B-6-3

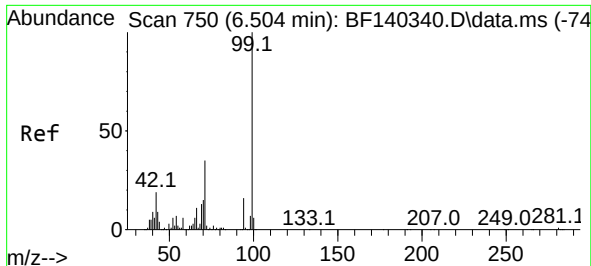
Tgt Ion:152 Resp: 127675
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.0
115 58.7 47.4 71.2



#5
2-Fluorophenol
Concen: 91.659 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140486.D
Acq: 19 Nov 2024 20:47

Tgt Ion:112 Resp: 685410
Ion Ratio Lower Upper
112 100
64 61.1 49.2 73.8
63 32.0 25.6 38.4





#7
Phenol-d6
Concen: 87.490 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140486.D
Acq: 19 Nov 2024 20:47

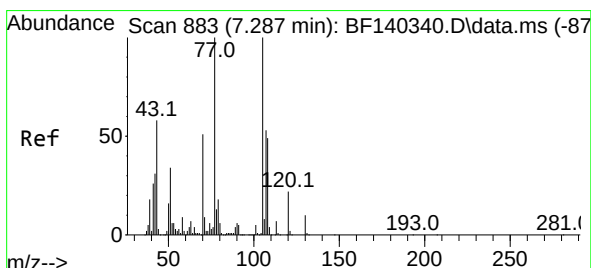
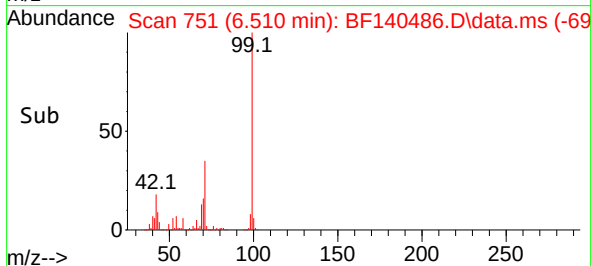
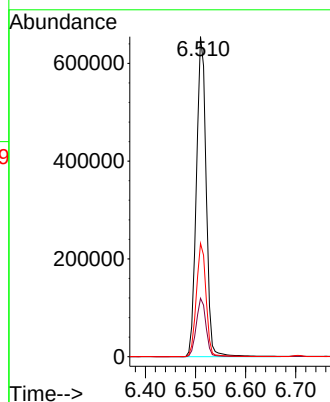
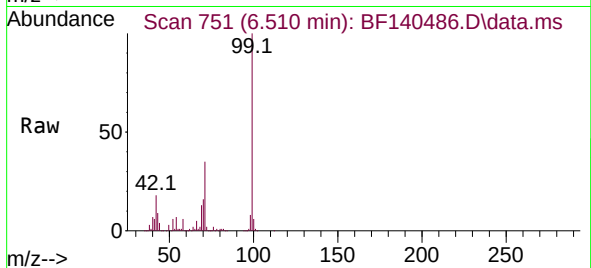
Instrument :

BNA_F

ClientSampleId :

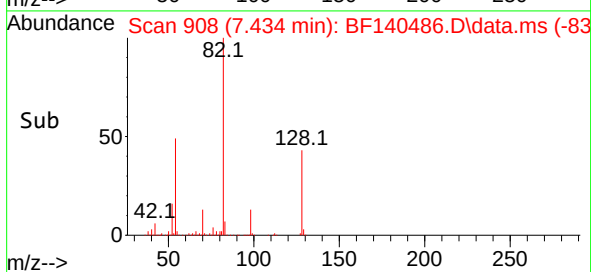
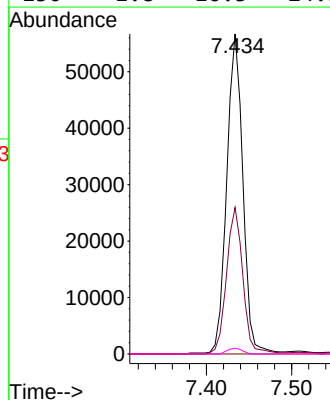
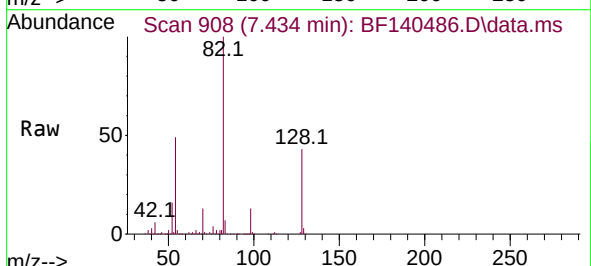
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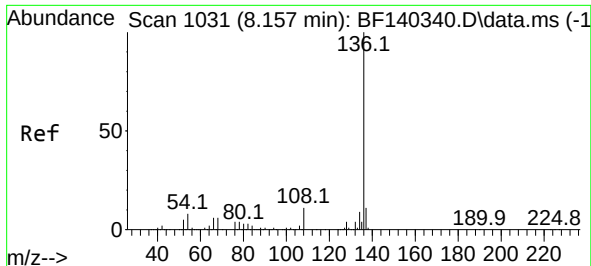
Tgt Ion: 99 Resp: 886378
Ion Ratio Lower Upper
99 100
42 18.2 15.1 22.7
71 35.4 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.217 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140486.D
Acq: 19 Nov 2024 20:47

Tgt Ion: 70 Resp: 74754
Ion Ratio Lower Upper
70 100
42 45.8 46.8 70.2#
101 0.0 7.5 11.3#
130 1.8 16.3 24.5#

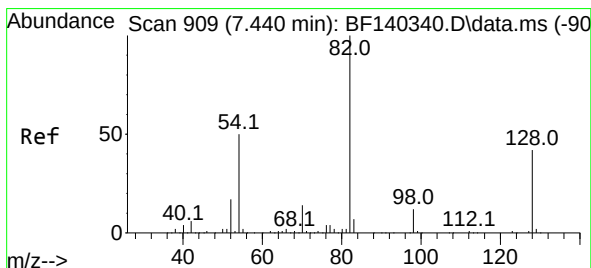
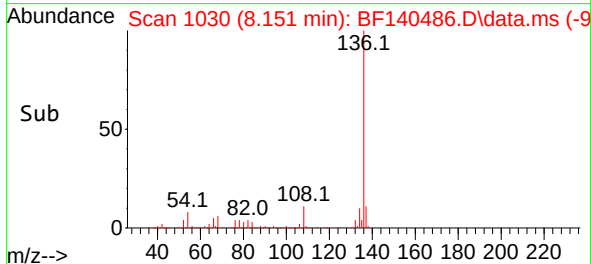
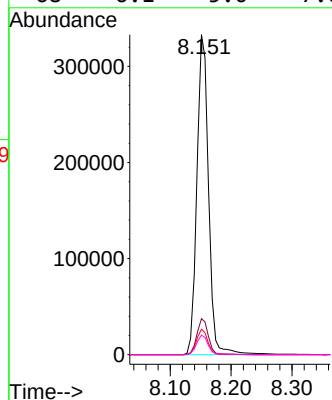
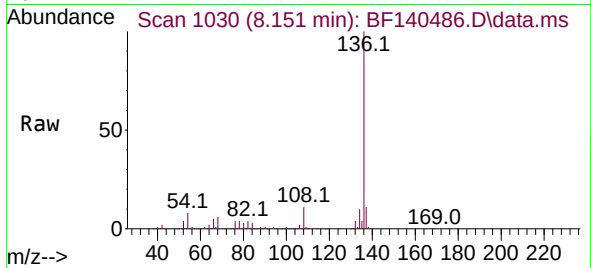




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140486.D
Acq: 19 Nov 2024 20:47

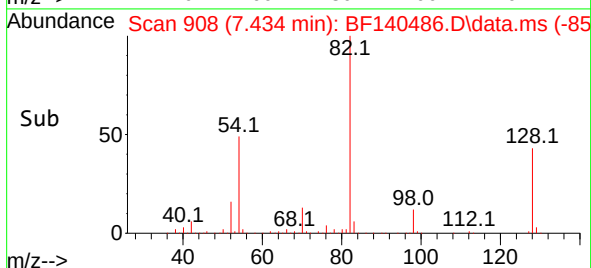
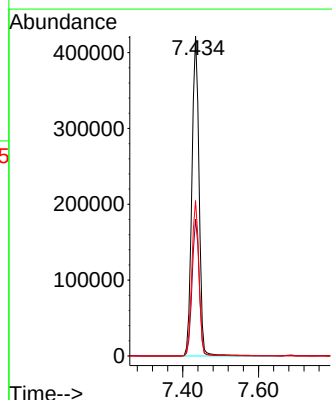
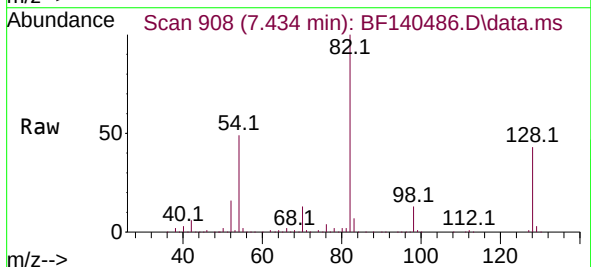
Instrument :
BNA_F
ClientSampleId :
B-6-3

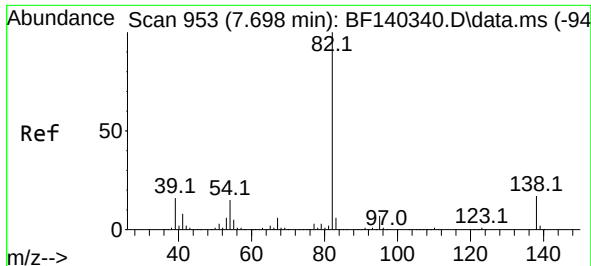
Tgt Ion:136 Resp: 442278
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 8.0 6.5 9.7
68 6.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 65.569 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140486.D
Acq: 19 Nov 2024 20:47

Tgt Ion: 82 Resp: 556589
Ion Ratio Lower Upper
82 100
128 42.8 33.3 49.9
54 48.5 39.8 59.8

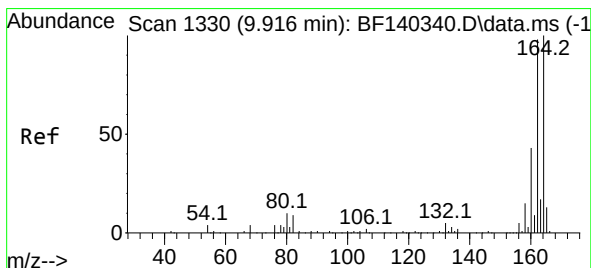
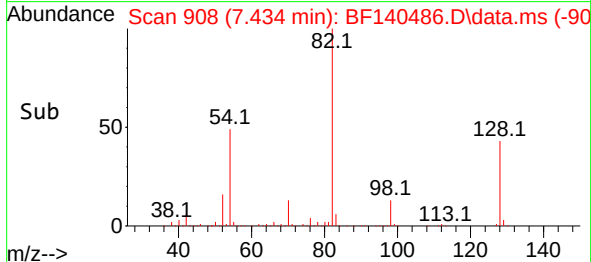
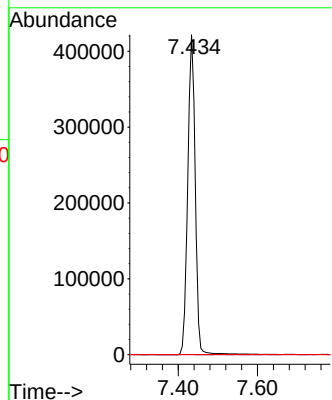
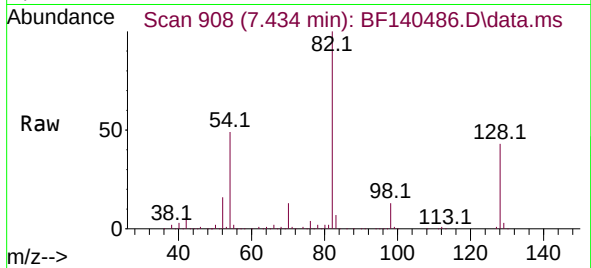




#25
Isophorone
Concen: 36.664 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140486.D
Acq: 19 Nov 2024 20:47

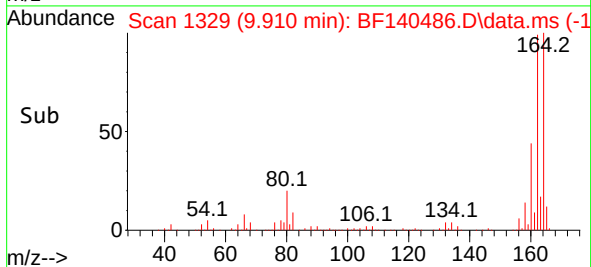
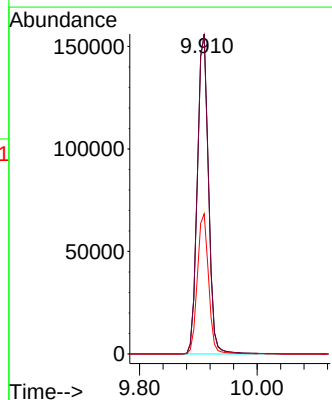
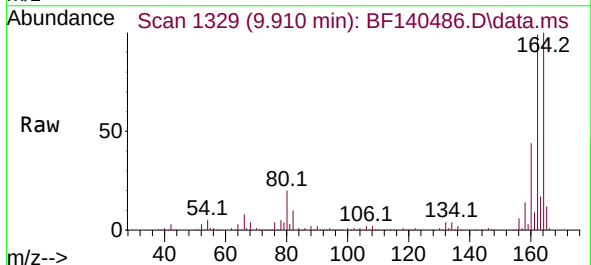
Instrument :
BNA_F
ClientSampleId :
B-6-3

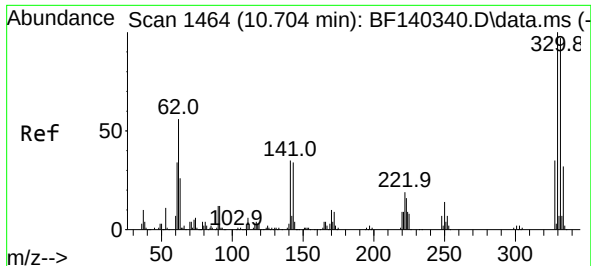
Tgt Ion: 82 Resp: 551588
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140486.D
Acq: 19 Nov 2024 20:47

Tgt Ion:164 Resp: 205389
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 43.8 35.4 53.0

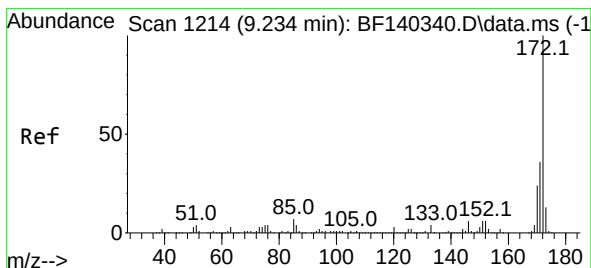
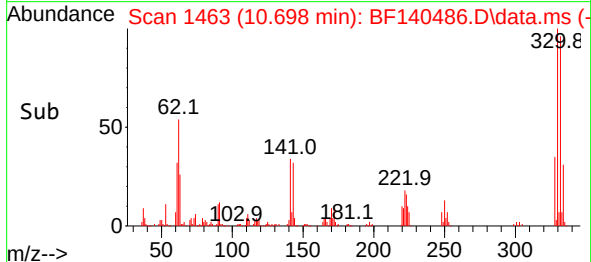
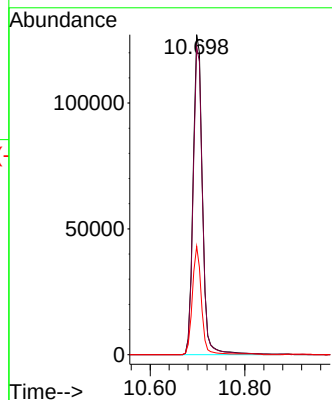
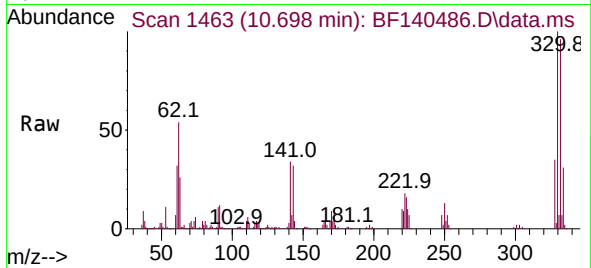




#42
 2,4,6-Tribromophenol
 Concen: 85.356 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF140486.D
 Acq: 19 Nov 2024 20:47

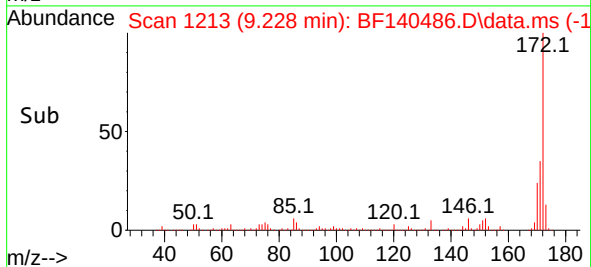
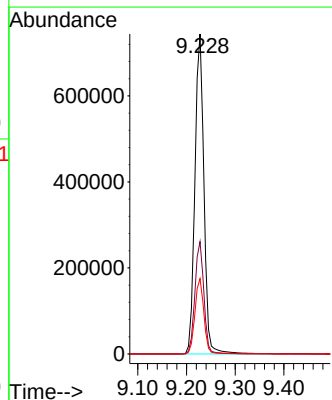
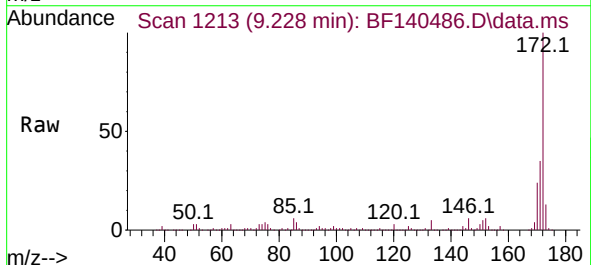
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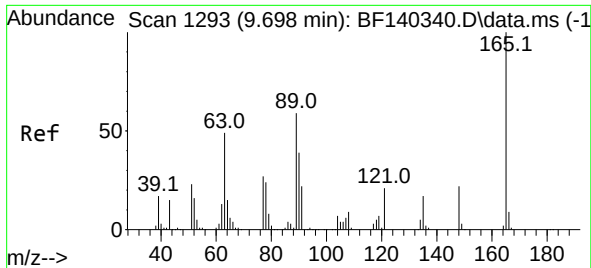
Tgt Ion: 330 Resp: 174333
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.9 113.9
 141 32.7 26.9 40.3



#45
 2-Fluorobiphenyl
 Concen: 75.698 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.006 min
 Lab File: BF140486.D
 Acq: 19 Nov 2024 20:47

Tgt Ion: 172 Resp: 967159
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.537 ng

RT: 9.910 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF140486.D

Acq: 19 Nov 2024 20:47

Instrument :

BNA_F

ClientSampleId :

B-6-3

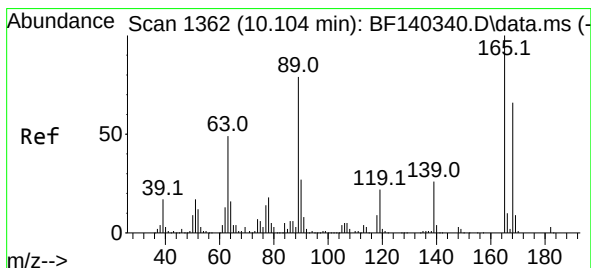
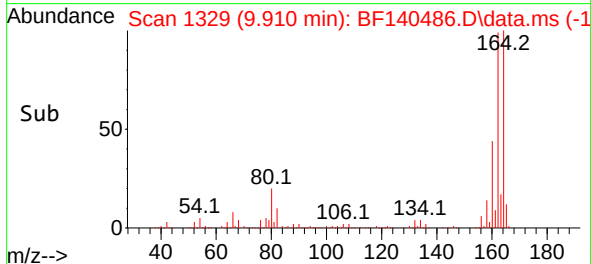
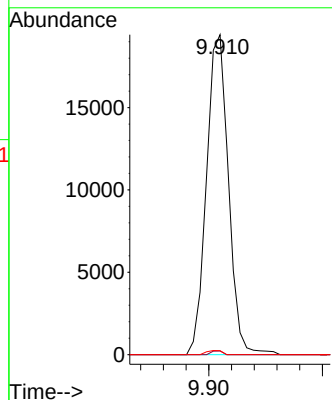
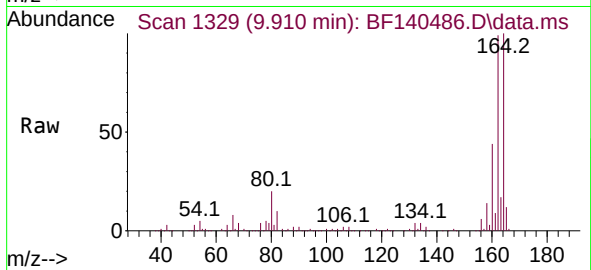
Tgt Ion:165 Resp: 26056

Ion Ratio Lower Upper

165 100

63 1.2 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: BF140486.D

Acq: 19 Nov 2024 20:47

Tgt Ion:165 Resp: 26057

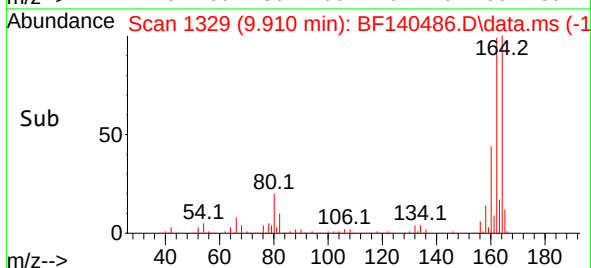
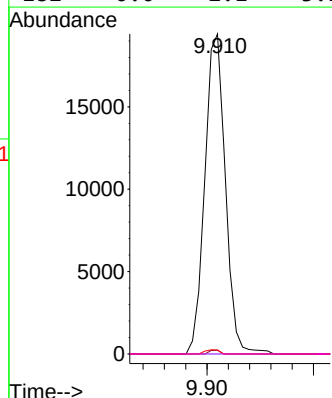
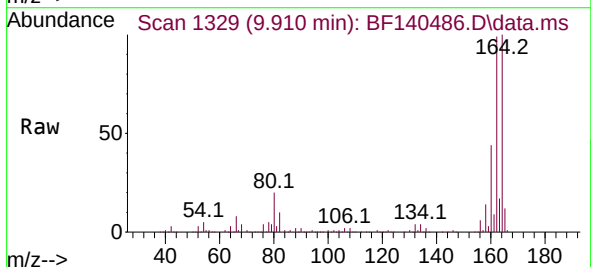
Ion Ratio Lower Upper

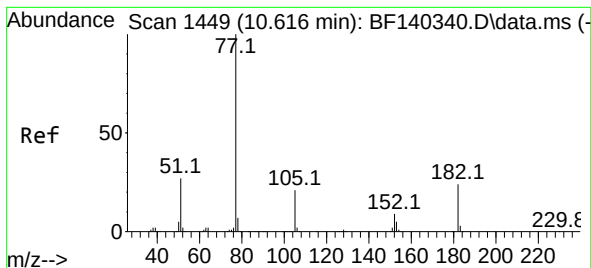
165 100

63 1.2 39.4 59.0#

89 1.2 62.4 93.6#

182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 7.606 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF140486.D

Acq: 19 Nov 2024 20:47

Instrument :

BNA_F

ClientSampleId :

B-6-3

Tgt Ion: 77 Resp: 102873

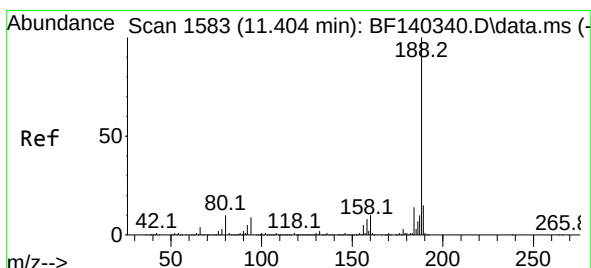
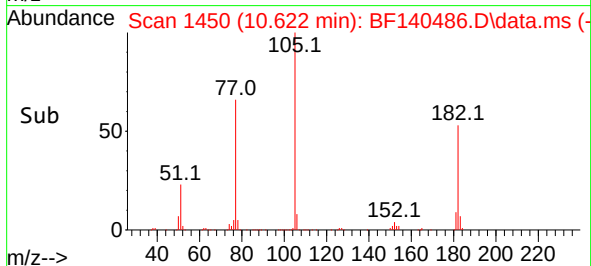
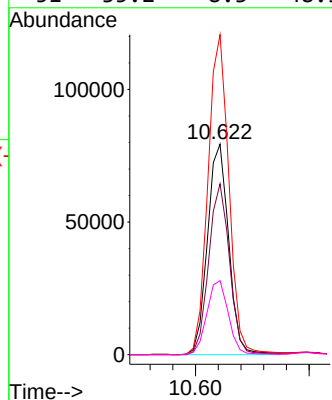
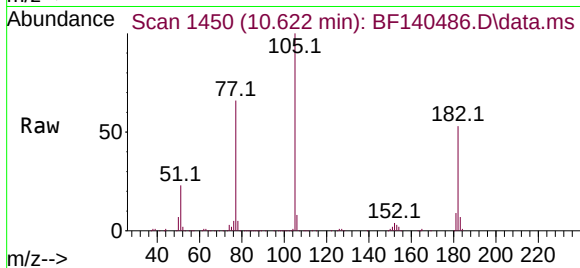
Ion Ratio Lower Upper

77 100

182 81.2 4.6 44.6#

105 152.0 0.9 40.9#

51 35.2 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: BF140486.D

Acq: 19 Nov 2024 20:47

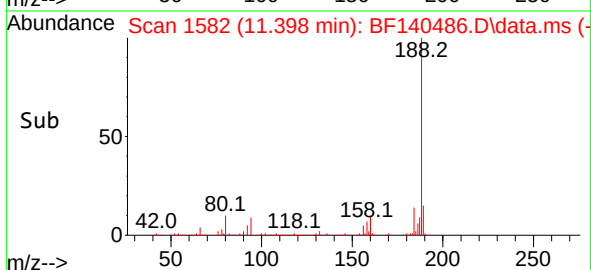
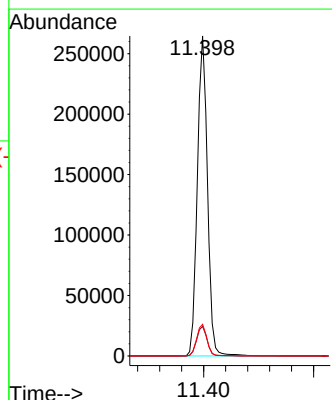
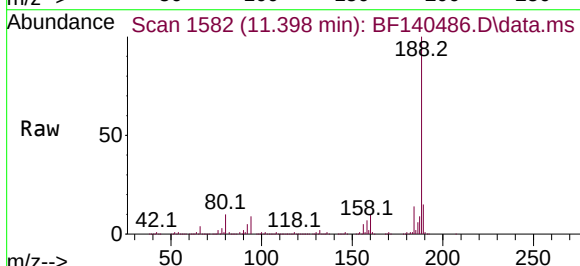
Tgt Ion: 188 Resp: 337964

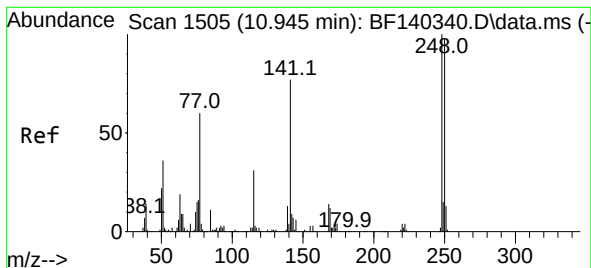
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 9.9 8.0 12.0

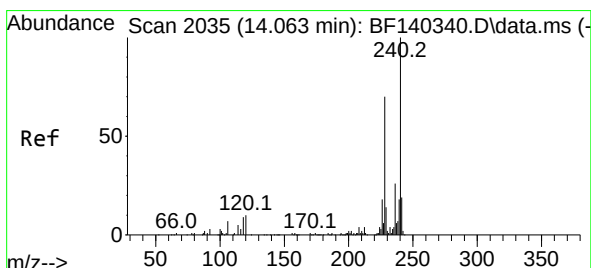
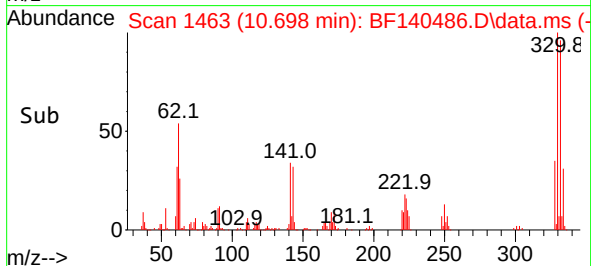
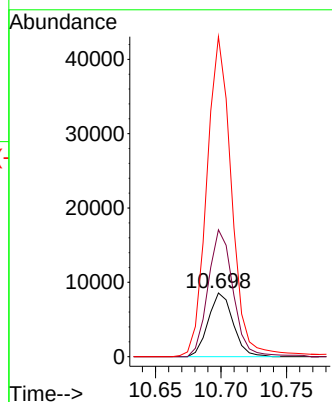
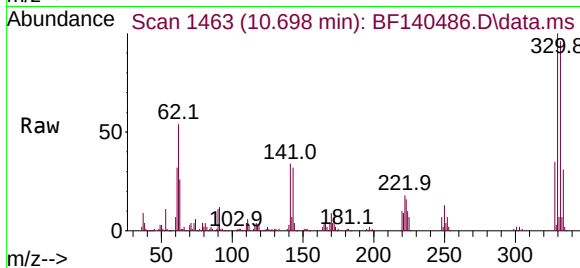




#67
4-Bromophenyl-phenylether
Concen: 3.345 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140486.D
Acq: 19 Nov 2024 20:47

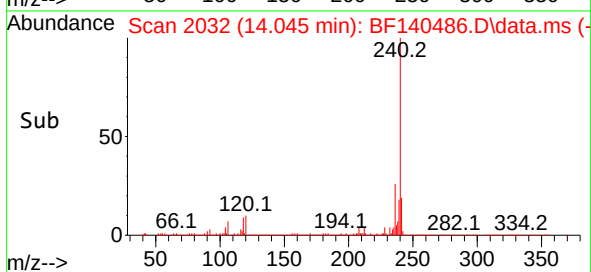
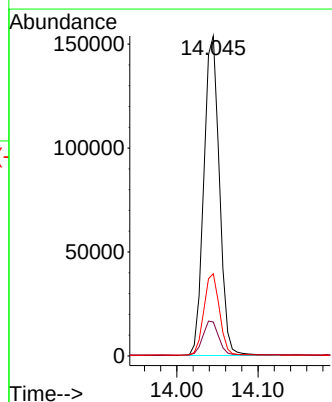
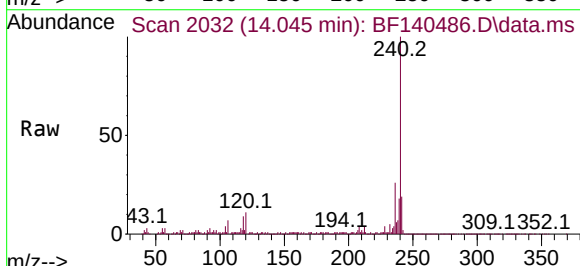
Instrument :
BNA_F
ClientSampleId :
B-6-3

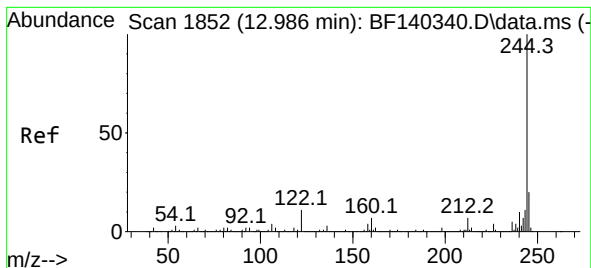
Tgt Ion:248 Resp: 11301
Ion Ratio Lower Upper
248 100
250 199.2 77.9 116.9#
141 502.1 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140486.D
Acq: 19 Nov 2024 20:47

Tgt Ion:240 Resp: 204768
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 72.604 ng

RT: 12.986 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140486.D

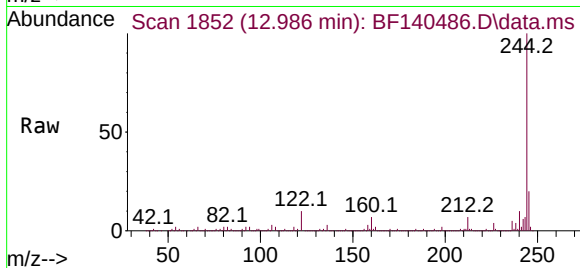
Acq: 19 Nov 2024 20:47

Instrument :

BNA_F

ClientSampleId :

B-6-3



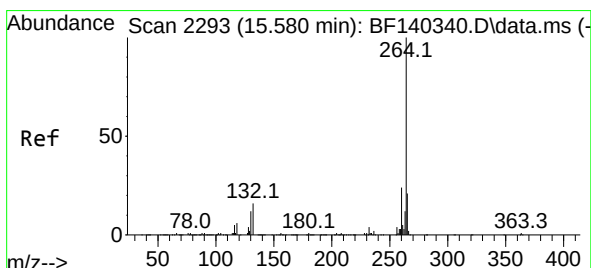
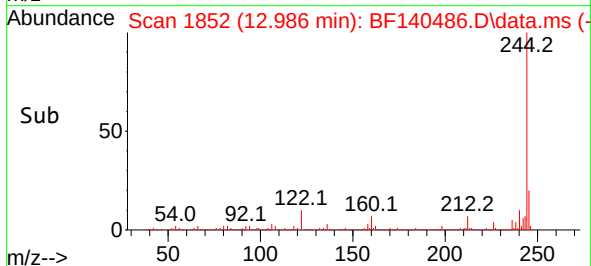
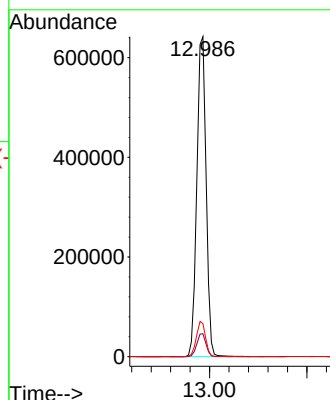
Tgt Ion:244 Resp: 856499

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.3 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.024 min

Lab File: BF140486.D

Acq: 19 Nov 2024 20:47

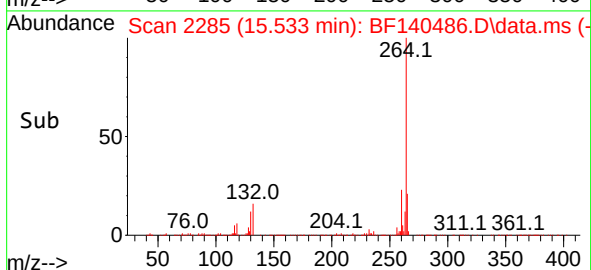
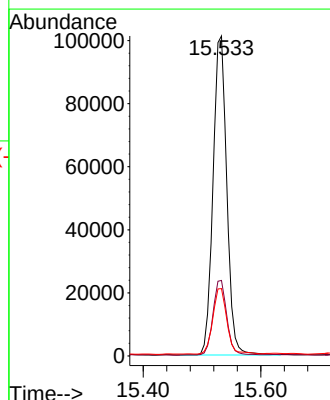
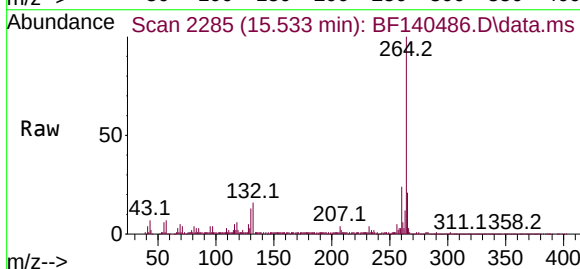
Tgt Ion:264 Resp: 163923

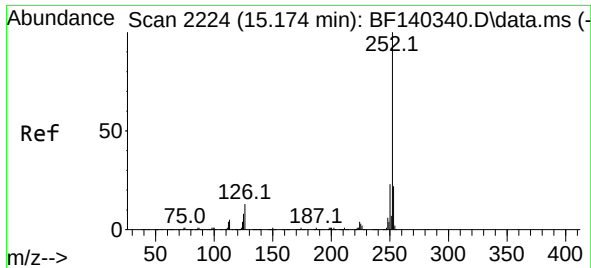
Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.1 17.1 25.7





#89

Benzo(k)fluoranthene

Concen: 2.061 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.053 min

Lab File: BF140486.D

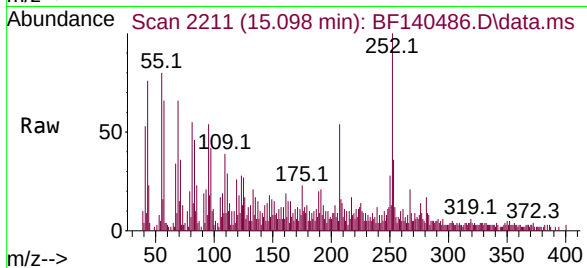
Acq: 19 Nov 2024 20:47

Instrument :

BNA_F

ClientSampleId :

B-6-3



Tgt Ion:252 Resp: 18053

Ion Ratio Lower Upper

252 100

253 36.2 17.3 25.9#

125 27.0 7.4 11.2#

