

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140469.D
 Acq On : 19 Nov 2024 13:21
 Operator : RC/JU
 Sample : P4852-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Nov 19 13:47:34 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)

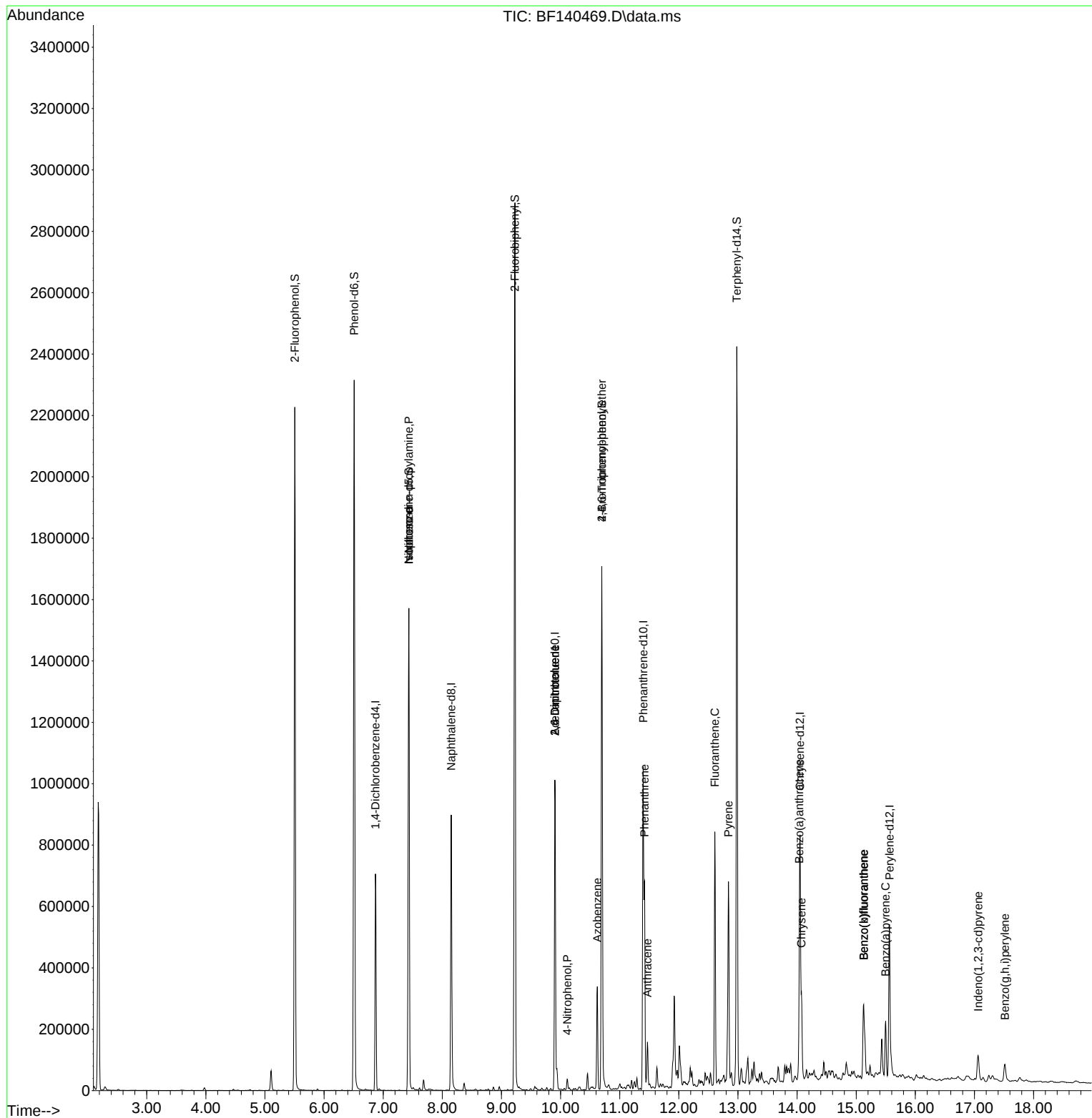
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	149238	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	570099	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	314788	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	554705	20.000	ng	0.00
76) Chrysene-d12	14.051	240	289074	20.000	ng	0.00
86) Perylene-d12	15.562	264	280792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	832515	95.245	ng	0.01
7) Phenol-d6	6.510	99	1154409	97.482	ng	0.00
23) Nitrobenzene-d5	7.433	82	755189	69.019	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	298718	95.427	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1340573	68.460	ng	0.00
79) Terphenyl-d14	12.980	244	1179664	70.835	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	100968	14.117	ng	# 75
25) Isophorone	7.433	82	745600	38.448	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	41586	8.890	ng	# 22
56) 4-Nitrophenol	10.116	139	7401	2.065	ng	# 4
57) 2,4-Dinitrotoluene	9.904	165	41580	6.754	ng	# 20
63) Azobenzene	10.621	77	87065	4.200	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	19040	3.434	ng	# 1
71) Phenanthrene	11.421	178	353401	13.562	ng	99
72) Anthracene	11.469	178	81481	3.191	ng	97
75) Fluoranthene	12.610	202	464619	15.893	ng	100
78) Pyrene	12.839	202	387652	15.678	ng	98
81) Benzo(a)anthracene	14.039	228	169106	8.901	ng	98
83) Chrysene	14.074	228	141161	8.143	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	62021	3.576	ng	95
88) Benzo(b)fluoranthene	15.127	252	211721	11.527	ng	98
89) Benzo(k)fluoranthene	15.127	252	211721	14.110	ng	# 97
90) Benzo(a)pyrene	15.498	252	111656	7.828	ng	99
92) Benzo(g,h,i)perylene	17.515	276	55554	3.790	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140469.D
Acq On : 19 Nov 2024 13:21
Operator : RC/JU
Sample : P4852-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

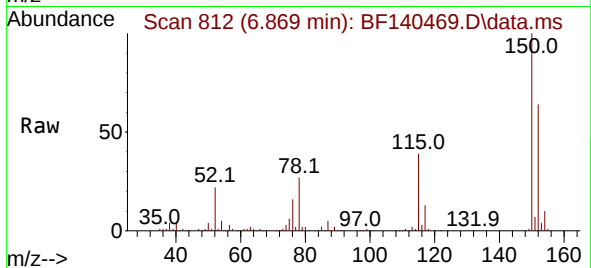
Quant Time: Nov 19 13:47:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration



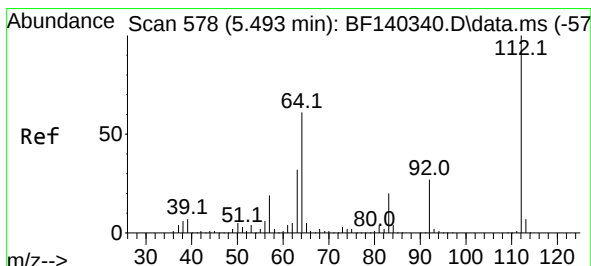
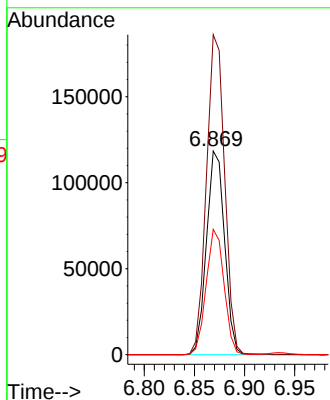
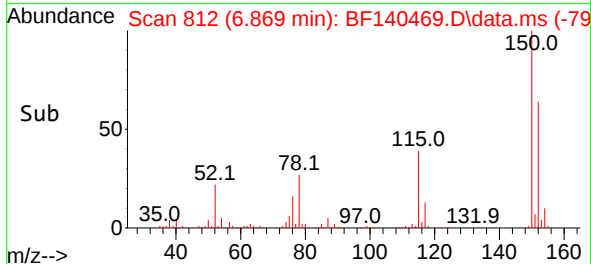


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140469.D
Acq: 19 Nov 2024 13:21

Instrument :
BNA_F
ClientSampleId :
COMP-2

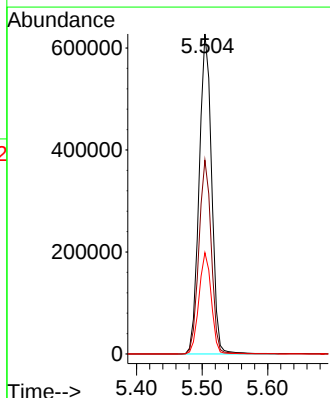
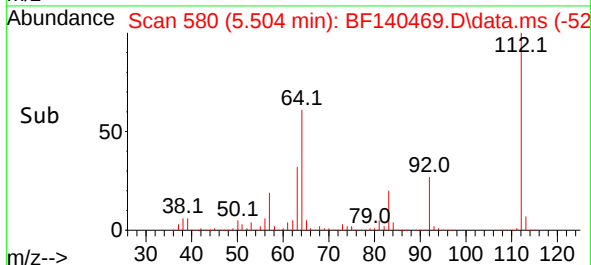
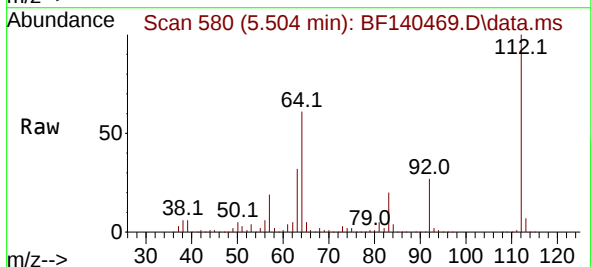


Tgt Ion:152 Resp: 149238
Ion Ratio Lower Upper
152 100
150 157.1 127.4 191.0
115 61.5 47.4 71.2



#5
2-Fluorophenol
Concen: 95.245 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140469.D
Acq: 19 Nov 2024 13:21

Tgt Ion:112 Resp: 832515
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 31.6 25.6 38.4

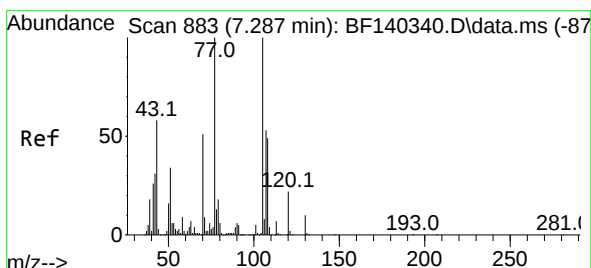
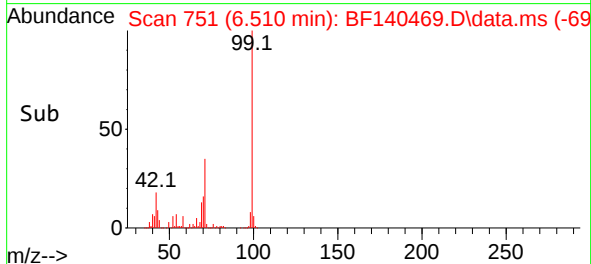
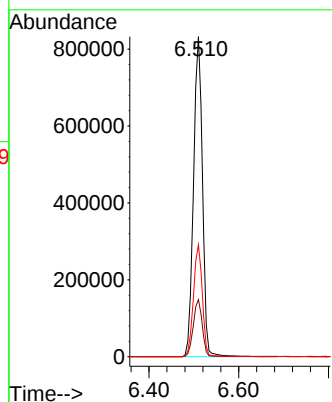
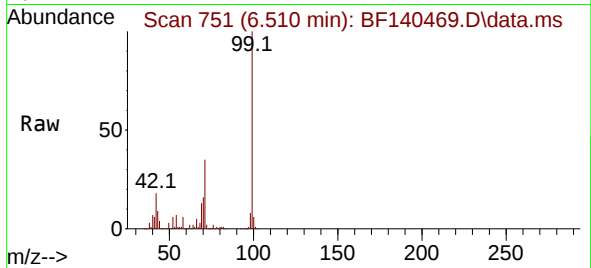




#7
Phenol-d6
Concen: 97.482 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140469.D
Acq: 19 Nov 2024 13:21

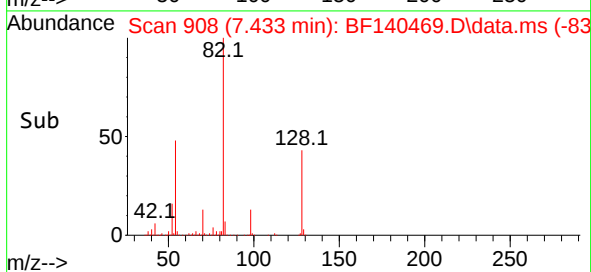
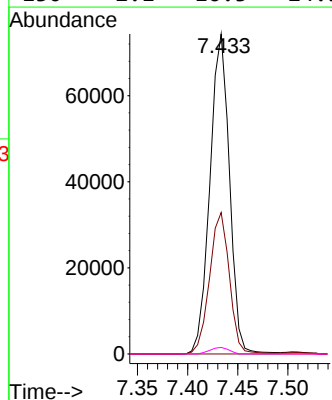
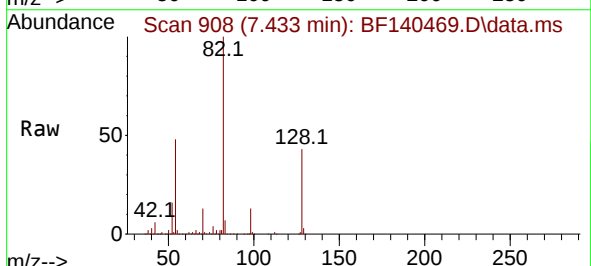
Instrument :
BNA_F
ClientSampleId :
COMP-2

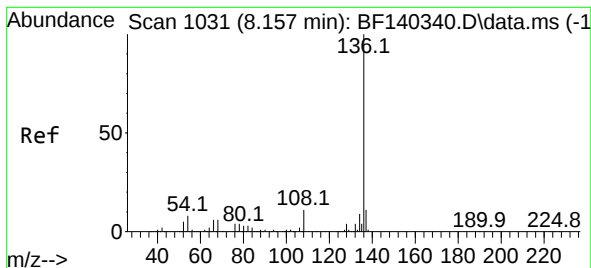
Tgt Ion: 99 Resp: 1154409
Ion Ratio Lower Upper
99 100
42 17.8 15.1 22.7
71 34.9 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.117 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140469.D
Acq: 19 Nov 2024 13:21

Tgt Ion: 70 Resp: 100968
Ion Ratio Lower Upper
70 100
42 44.2 46.8 70.2#
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140469.D

Acq: 19 Nov 2024 13:21

Instrument :

BNA_F

ClientSampleId :

COMP-2

Tgt Ion:136 Resp: 570099

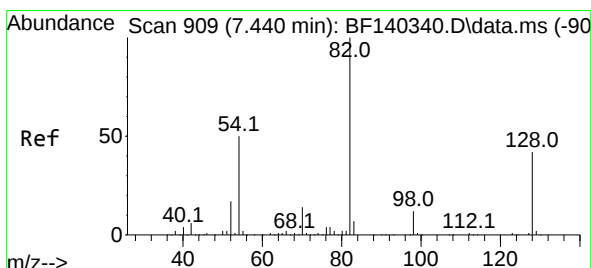
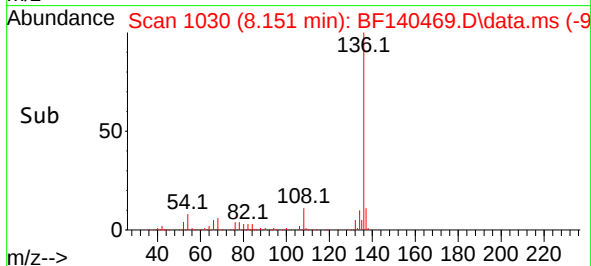
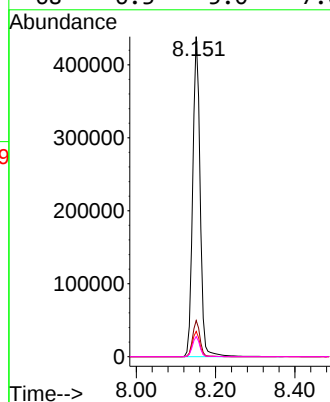
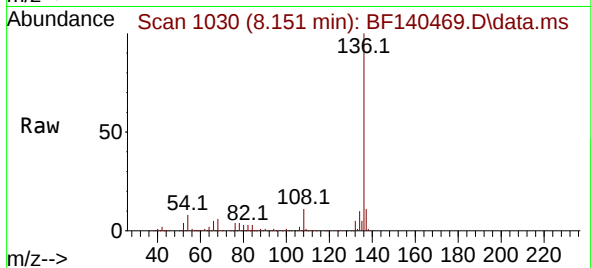
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.9 6.5 9.7

68 6.3 5.0 7.6



#23

Nitrobenzene-d5

Concen: 69.019 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140469.D

Acq: 19 Nov 2024 13:21

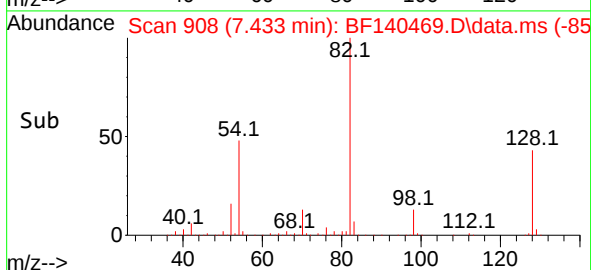
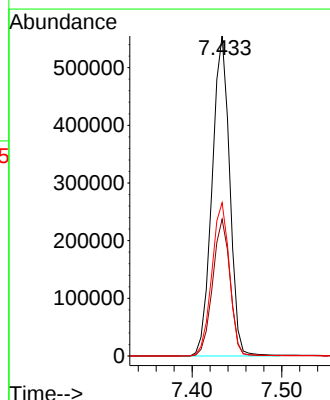
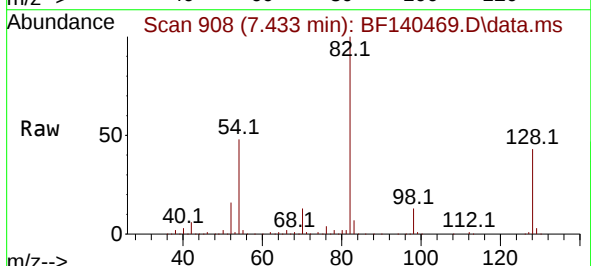
Tgt Ion: 82 Resp: 755189

Ion Ratio Lower Upper

82 100

128 42.7 33.3 49.9

54 47.9 39.8 59.8

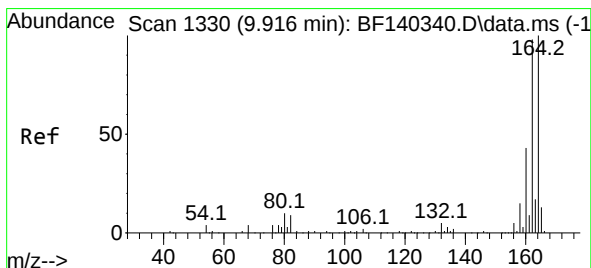
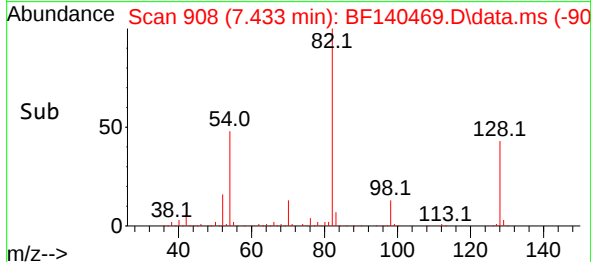
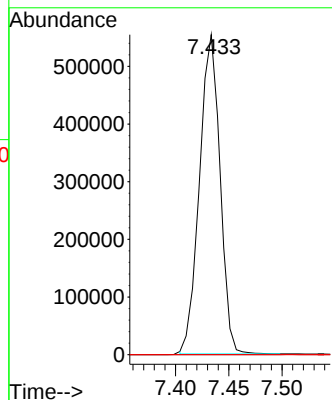
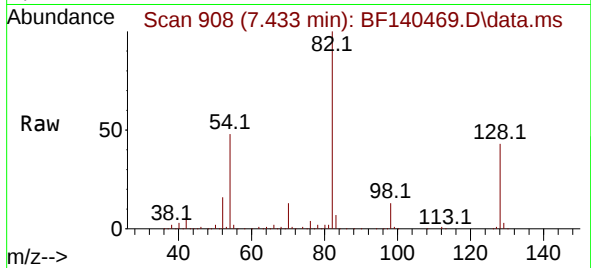




#25
Isophorone
Concen: 38.448 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140469.D
Acq: 19 Nov 2024 13:21

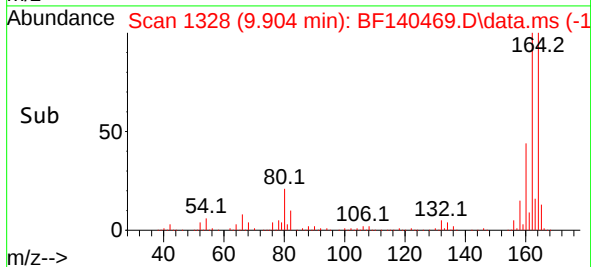
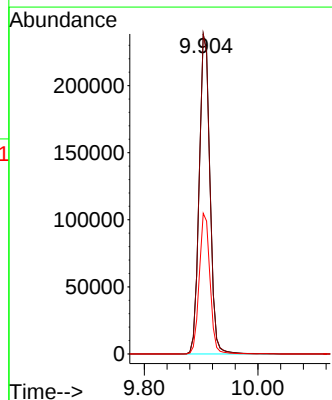
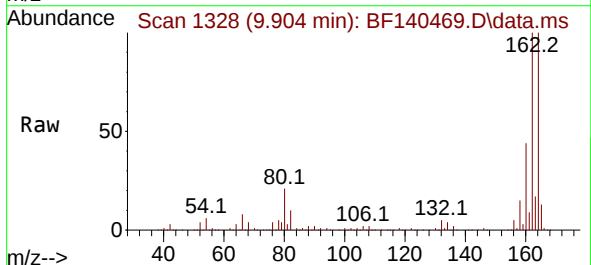
Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion: 82 Resp: 745600
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: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140469.D
Acq: 19 Nov 2024 13:21

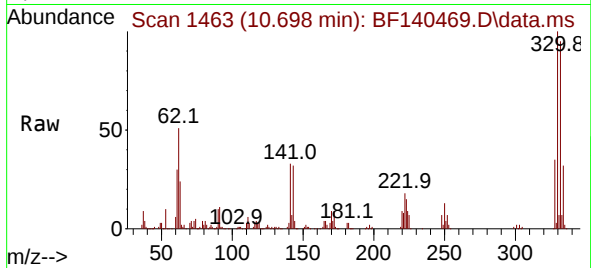
Tgt Ion:164 Resp: 314788
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.8
160 44.0 35.4 53.0



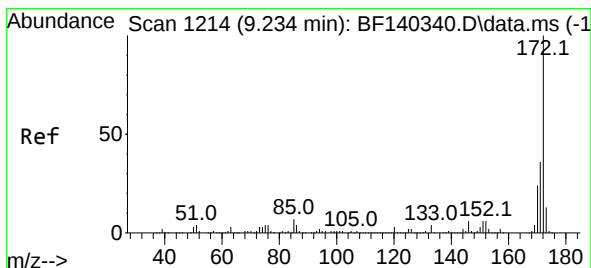
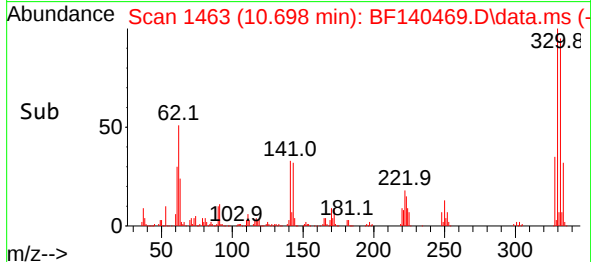
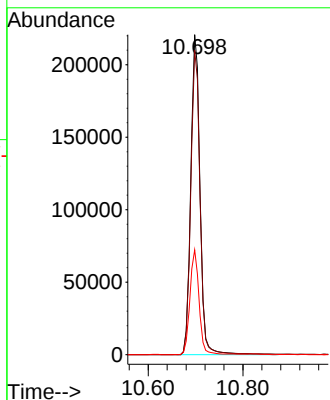


#42
2,4,6-Tribromophenol
Concen: 95.427 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140469.D
Acq: 19 Nov 2024 13:21

Instrument :
BNA_F
ClientSampleId :
COMP-2

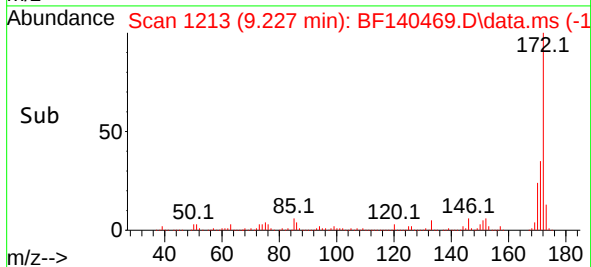
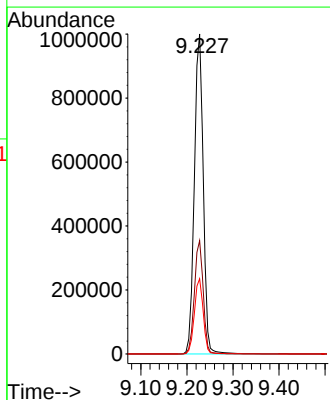
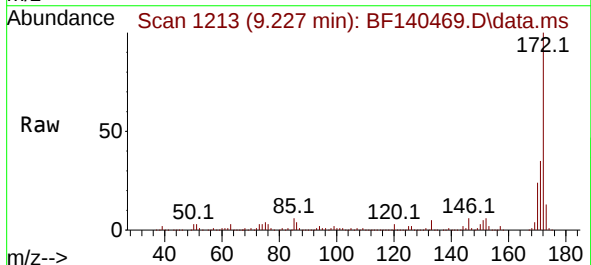


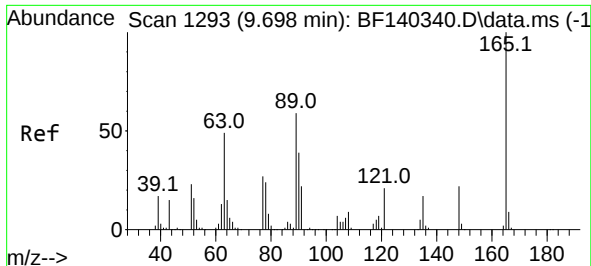
Tgt Ion: 330 Resp: 298718
Ion Ratio Lower Upper
330 100
332 95.9 75.9 113.9
141 32.6 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 68.460 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140469.D
Acq: 19 Nov 2024 13:21

Tgt Ion: 172 Resp: 1340573
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.5 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.890 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140469.D

Acq: 19 Nov 2024 13:21

Instrument :

BNA_F

ClientSampleId :

COMP-2

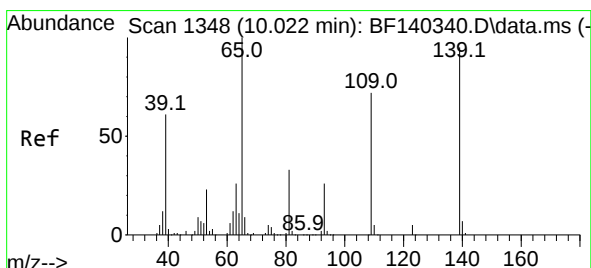
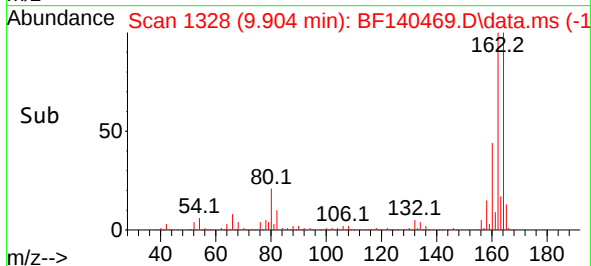
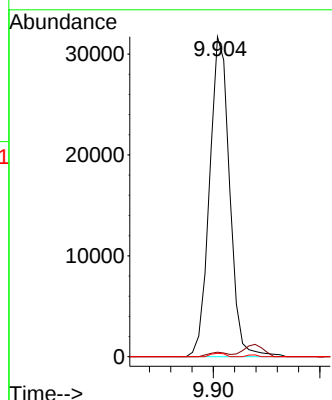
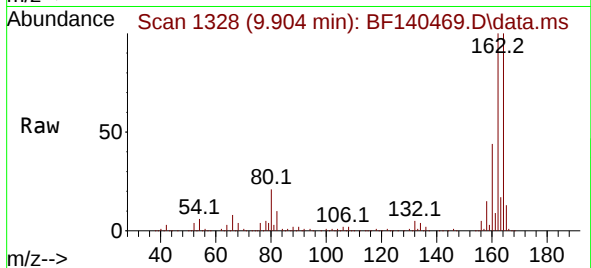
Tgt Ion:165 Resp: 41586

Ion Ratio Lower Upper

165 100

63 1.4 47.6 71.4#

89 1.1 48.1 72.1#



#56

4-Nitrophenol

Concen: 2.065 ng

RT: 10.116 min Scan# 1364

Delta R.T. 0.094 min

Lab File: BF140469.D

Acq: 19 Nov 2024 13:21

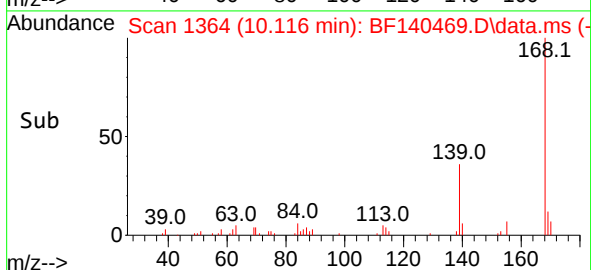
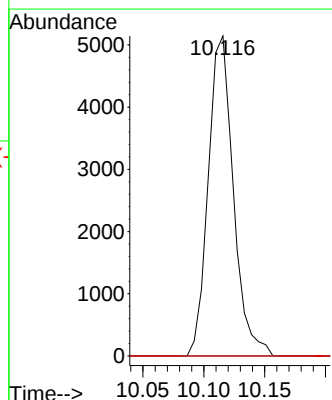
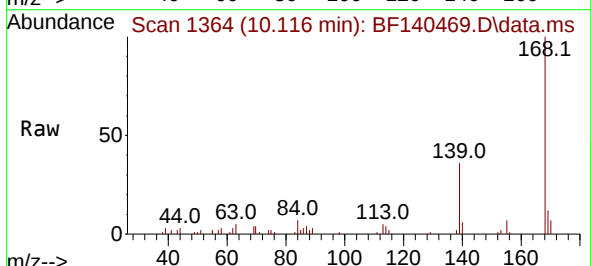
Tgt Ion:139 Resp: 7401

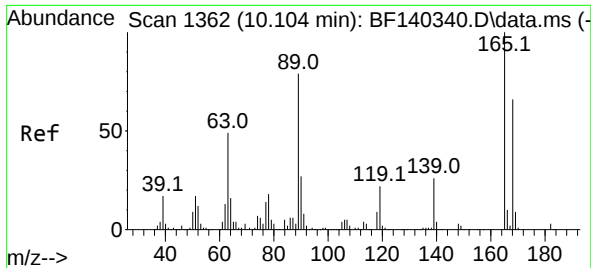
Ion Ratio Lower Upper

139 100

109 0.0 54.5 94.5#

65 0.0 84.4 124.4#

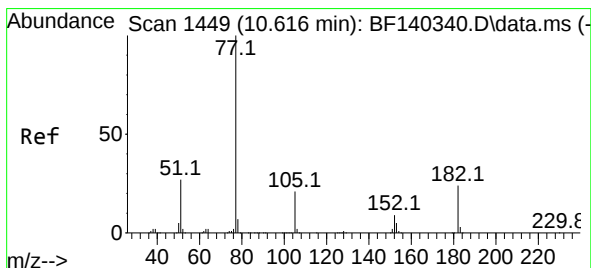
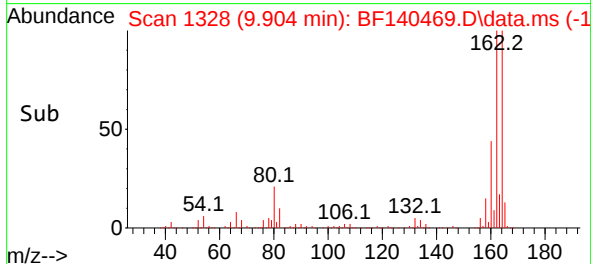
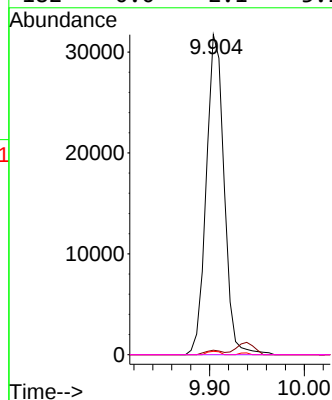
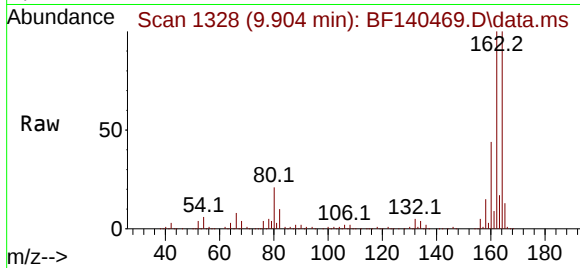




#57
2,4-Dinitrotoluene
Concen: 6.754 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140469.D
Acq: 19 Nov 2024 13:21

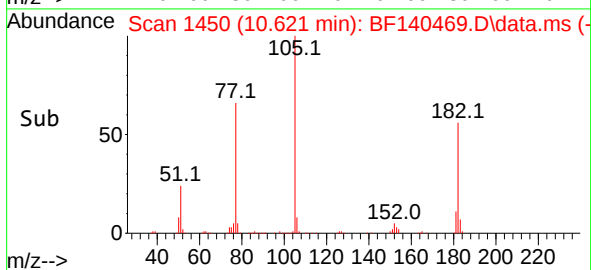
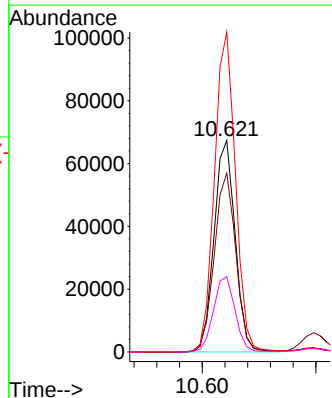
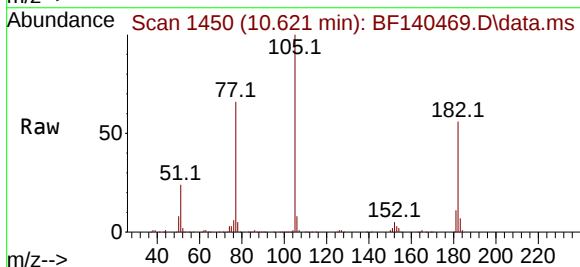
Instrument :
BNA_F
ClientSampleId :
COMP-2

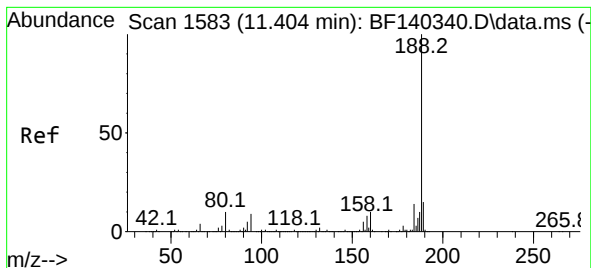
Tgt Ion:165 Resp: 41580
Ion Ratio Lower Upper
165 100
63 1.4 39.4 59.0#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 4.200 ng
RT: 10.621 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF140469.D
Acq: 19 Nov 2024 13:21

Tgt Ion: 77 Resp: 87065
Ion Ratio Lower Upper
77 100
182 84.6 4.6 44.6#
105 151.4 0.9 40.9#
51 35.7 8.3 48.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140469.D

Acq: 19 Nov 2024 13:21

Instrument :

BNA_F

ClientSampleId :

COMP-2

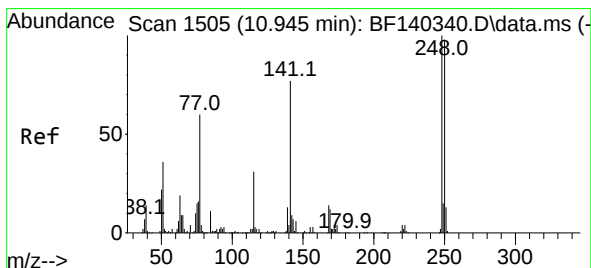
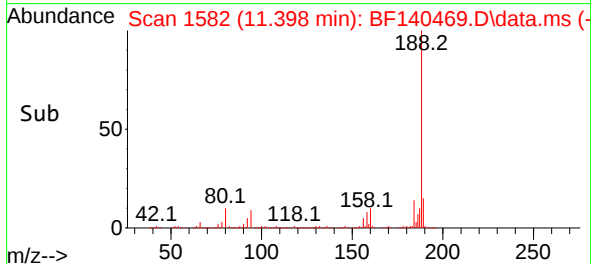
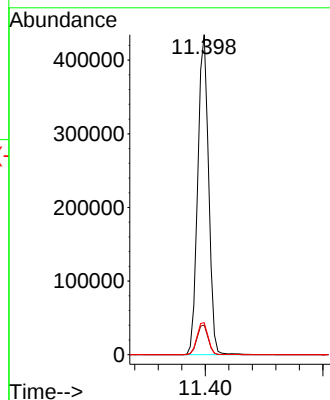
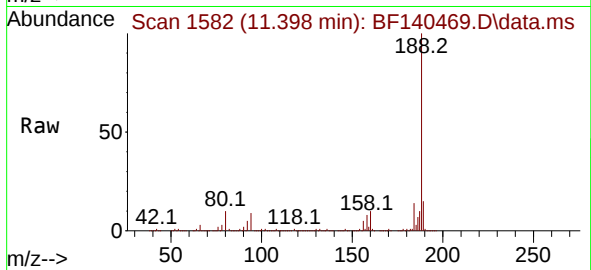
Tgt Ion:188 Resp: 554705

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 10.0 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 3.434 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140469.D

Acq: 19 Nov 2024 13:21

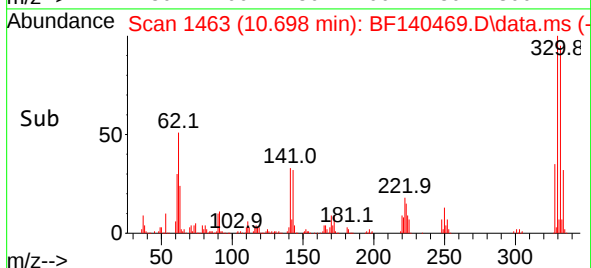
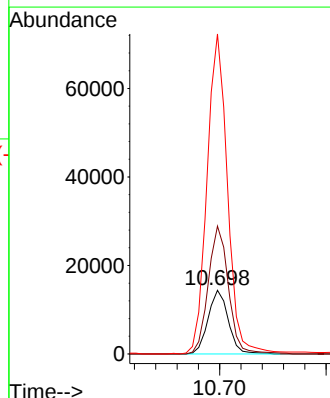
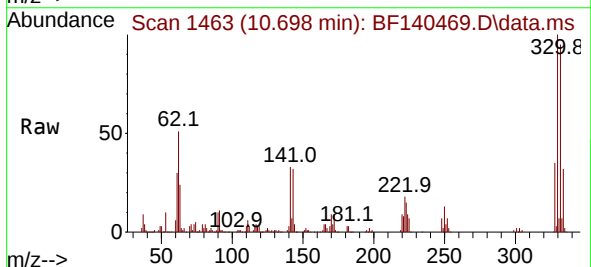
Tgt Ion:248 Resp: 19040

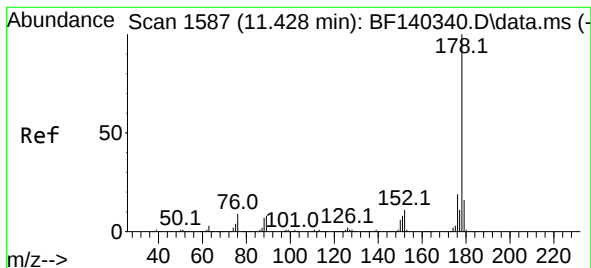
Ion Ratio Lower Upper

248 100

250 200.7 77.9 116.9#

141 502.2 61.8 92.6#





#71

Phenanthrene

Concen: 13.562 ng

RT: 11.421 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140469.D

Acq: 19 Nov 2024 13:21

Instrument :

BNA_F

ClientSampleId :

COMP-2

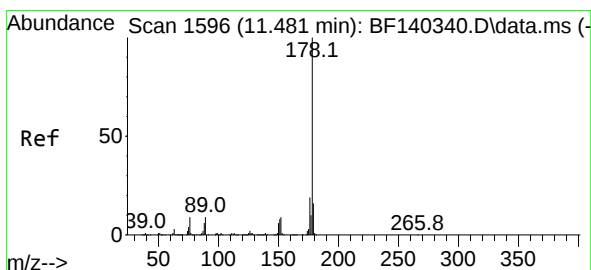
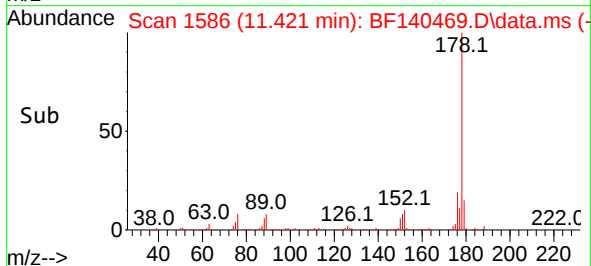
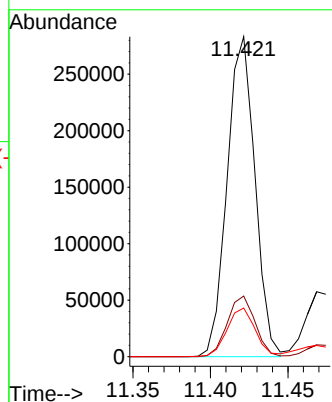
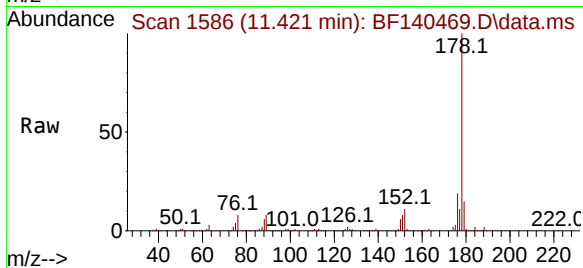
Tgt Ion:178 Resp: 353401

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.2 12.4 18.6



#72

Anthracene

Concen: 3.191 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.012 min

Lab File: BF140469.D

Acq: 19 Nov 2024 13:21

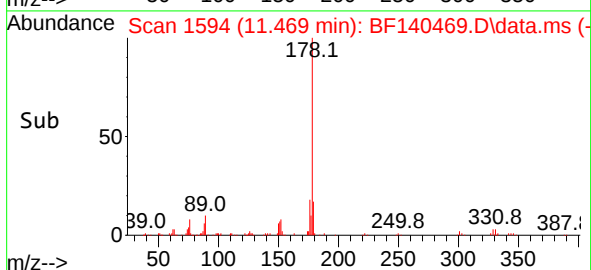
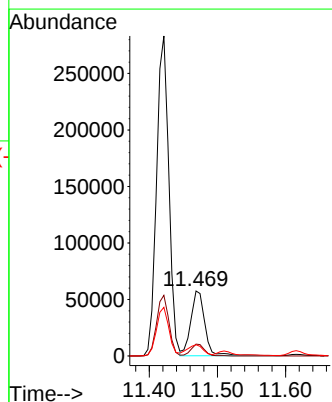
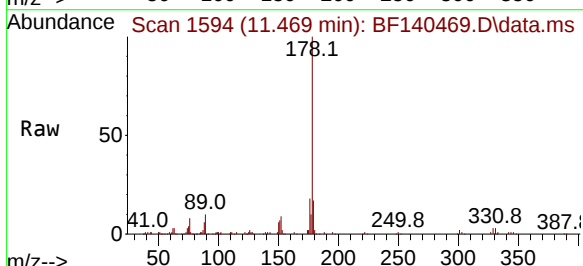
Tgt Ion:178 Resp: 81481

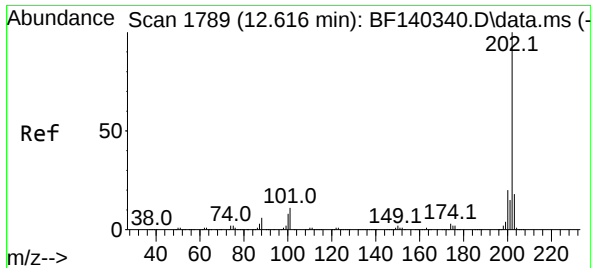
Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.0

179 17.3 12.6 18.8

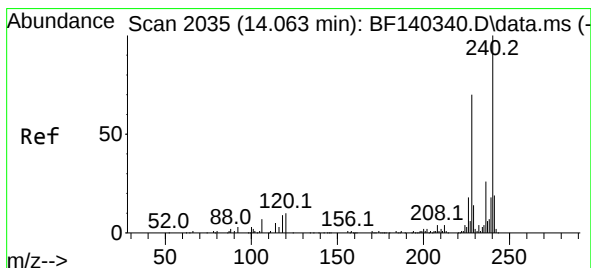
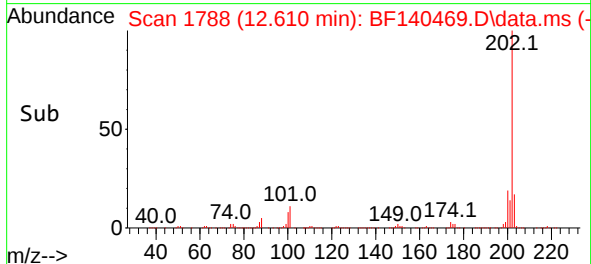
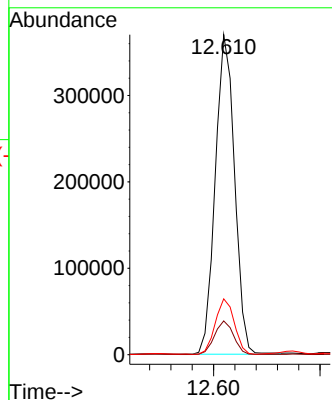
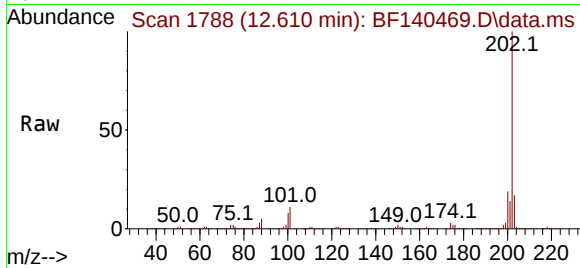




#75
Fluoranthene
Concen: 15.893 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140469.D
Acq: 19 Nov 2024 13:21

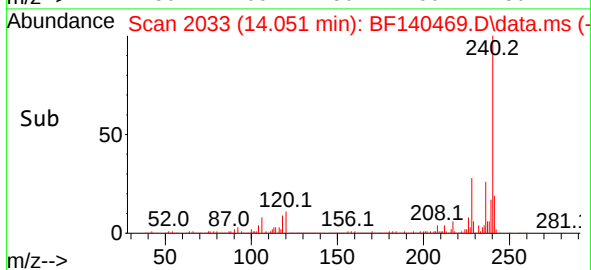
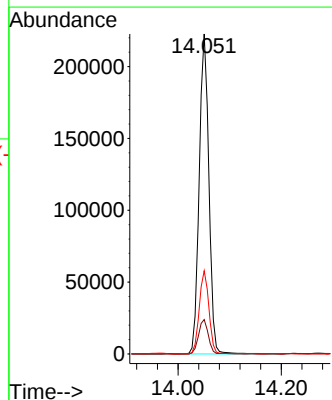
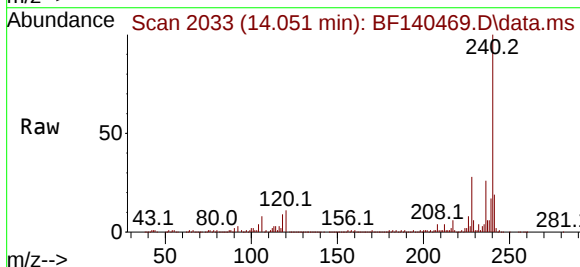
Instrument :
BNA_F
ClientSampleId :
COMP-2

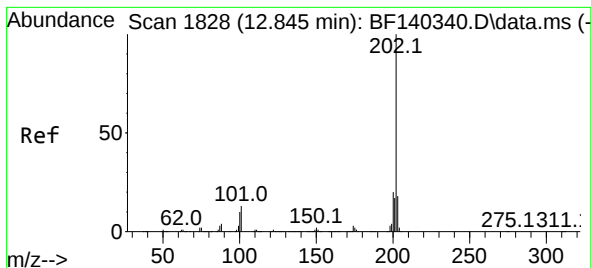
Tgt Ion:202 Resp: 464619
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140469.D
Acq: 19 Nov 2024 13:21

Tgt Ion:240 Resp: 289074
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 26.0 20.9 31.3





#78

Pyrene

Concen: 15.678 ng

RT: 12.839 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140469.D

Acq: 19 Nov 2024 13:21

Instrument :

BNA_F

ClientSampleId :

COMP-2

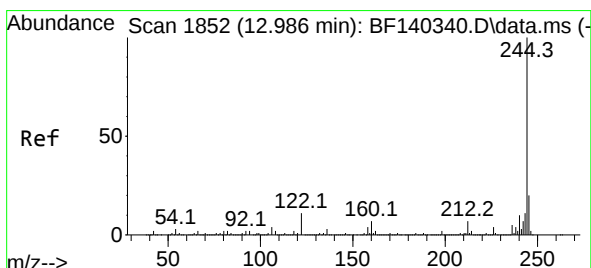
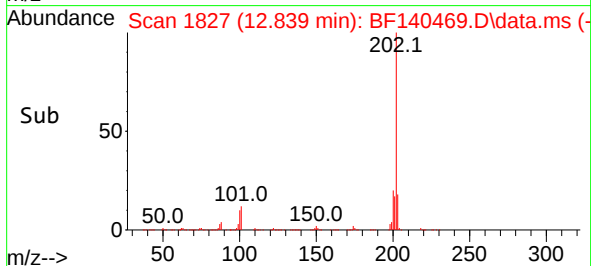
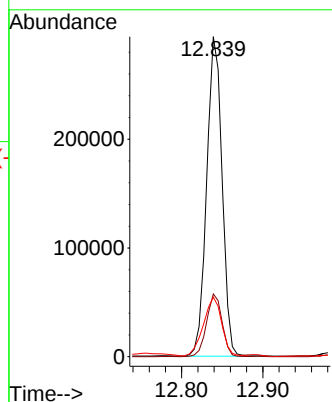
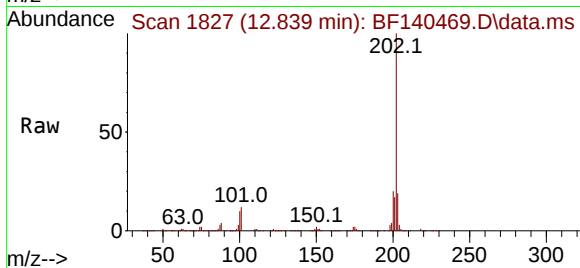
Tgt Ion:202 Resp: 387652

Ion Ratio Lower Upper

202 100

200 19.6 16.2 24.2

203 18.6 14.2 21.4



#79

Terphenyl-d14

Concen: 70.835 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF140469.D

Acq: 19 Nov 2024 13:21

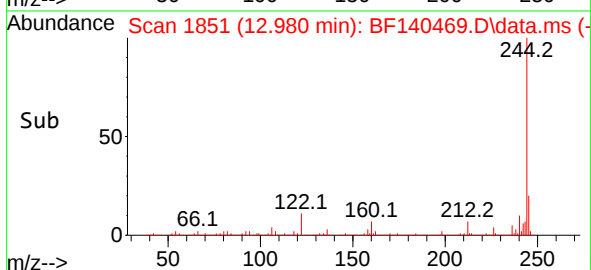
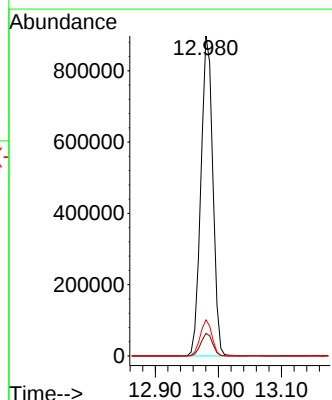
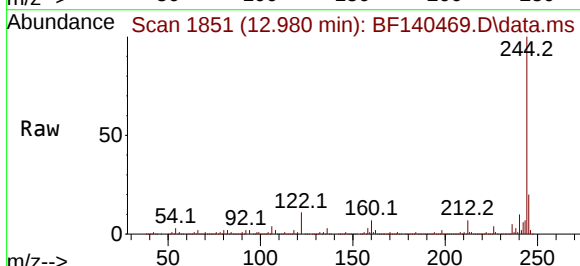
Tgt Ion:244 Resp: 1179664

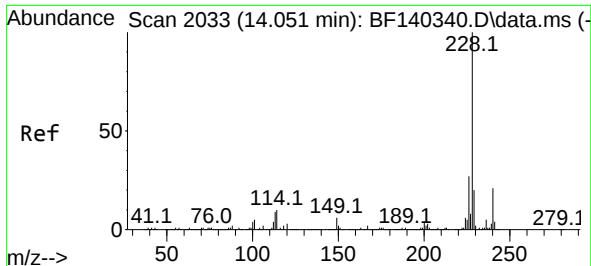
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 11.3 8.8 13.2

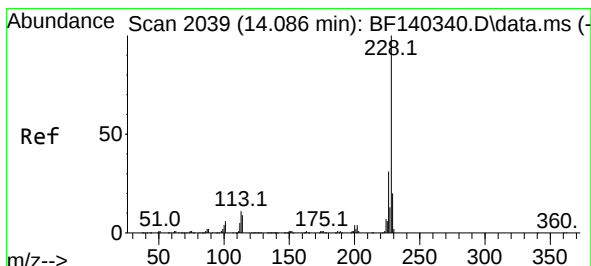
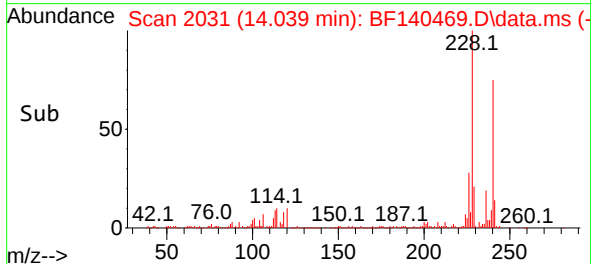
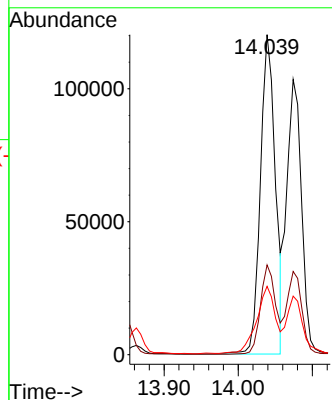
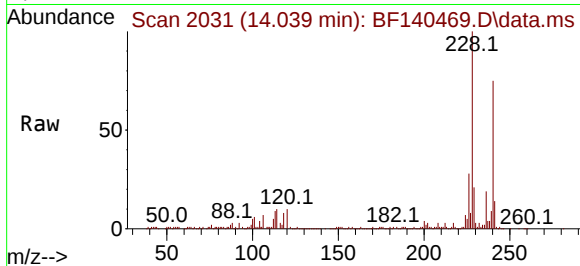




#81
Benzo(a)anthracene
Concen: 8.901 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140469.D
Acq: 19 Nov 2024 13:21

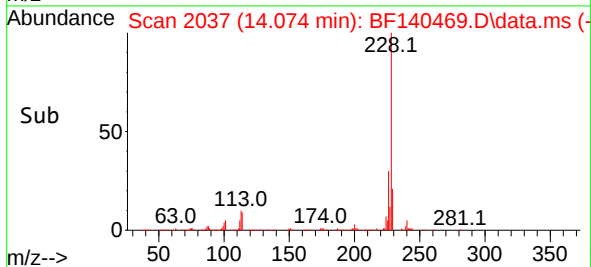
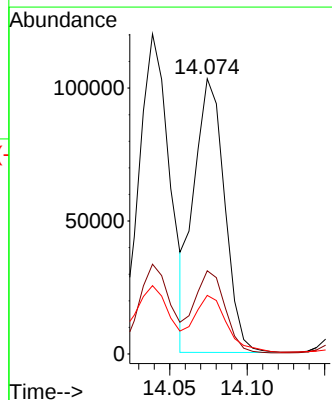
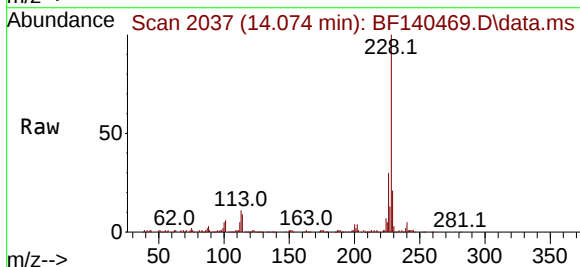
Instrument :
BNA_F
ClientSampleId :
COMP-2

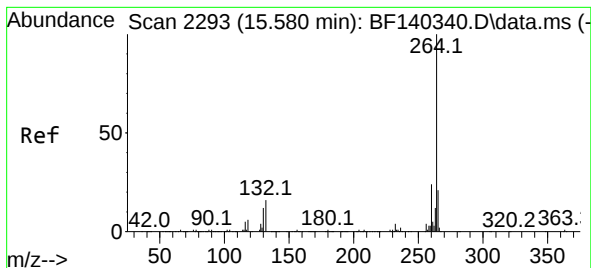
Tgt Ion:228 Resp: 169106
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.4
229 21.3 15.8 23.6



#83
Chrysene
Concen: 8.143 ng
RT: 14.074 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF140469.D
Acq: 19 Nov 2024 13:21

Tgt Ion:228 Resp: 141161
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 21.3 16.0 24.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140469.D

Acq: 19 Nov 2024 13:21

Instrument :

BNA_F

ClientSampleId :

COMP-2

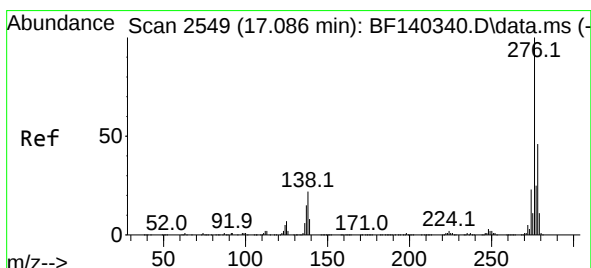
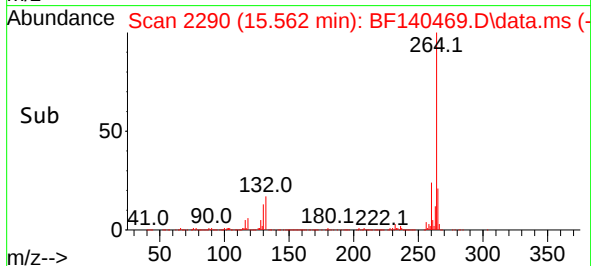
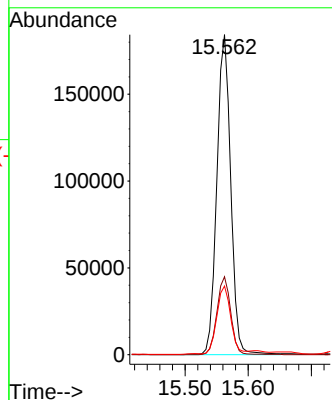
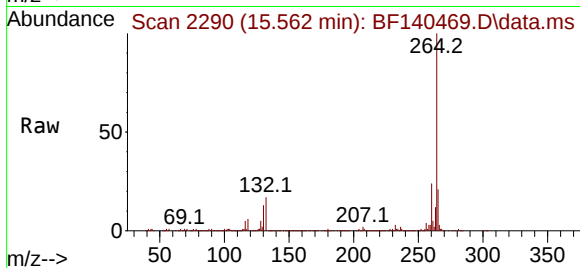
Tgt Ion:264 Resp: 280792

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.5 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.576 ng

RT: 17.062 min Scan# 2545

Delta R.T. 0.006 min

Lab File: BF140469.D

Acq: 19 Nov 2024 13:21

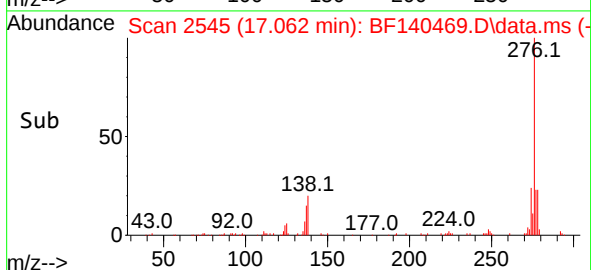
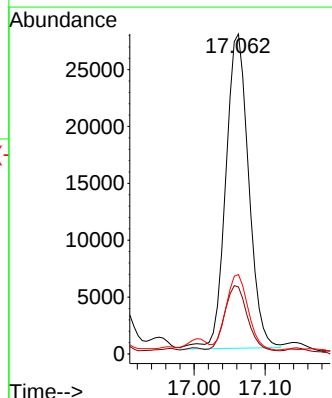
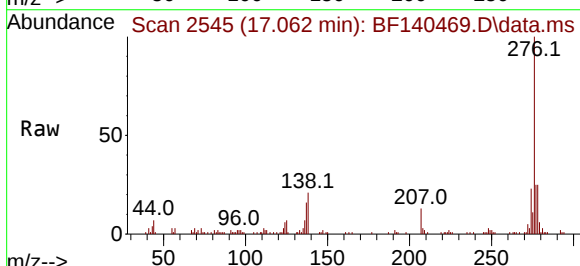
Tgt Ion:276 Resp: 62021

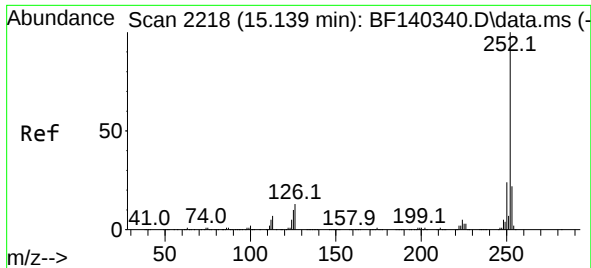
Ion Ratio Lower Upper

276 100

138 20.5 18.8 28.2

277 23.3 20.2 30.2

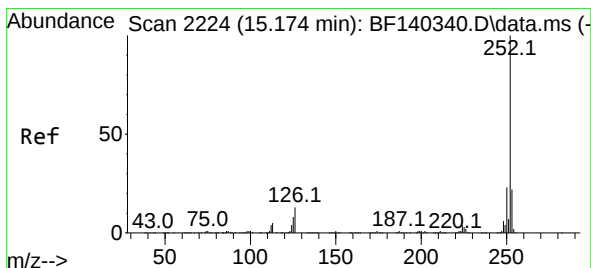
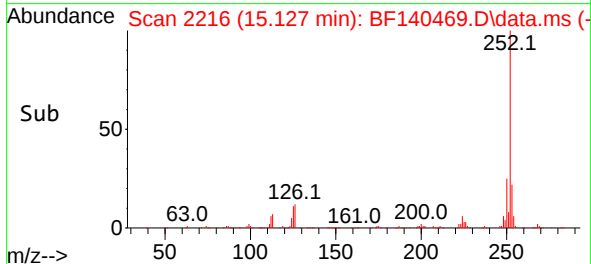
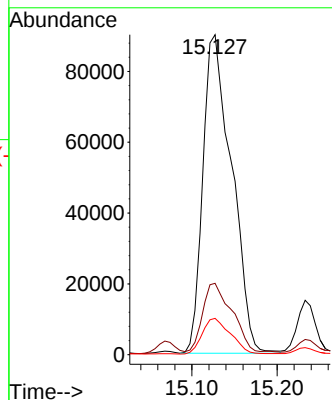
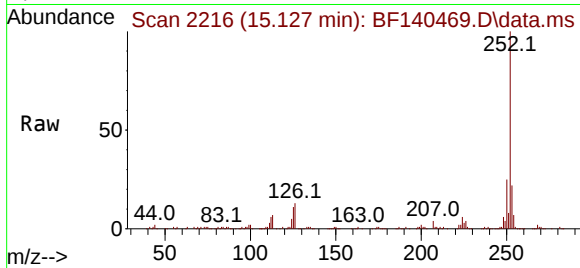




#88
Benzo(b)fluoranthene
Concen: 11.527 ng
RT: 15.127 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BF140469.D
Acq: 19 Nov 2024 13:21

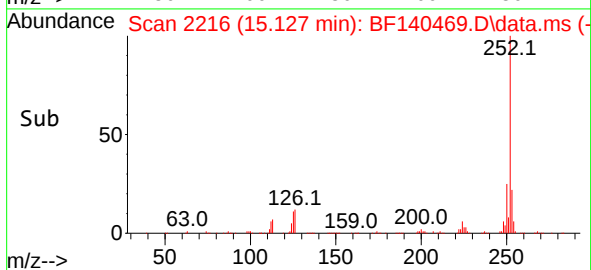
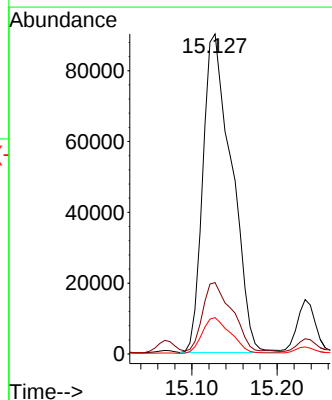
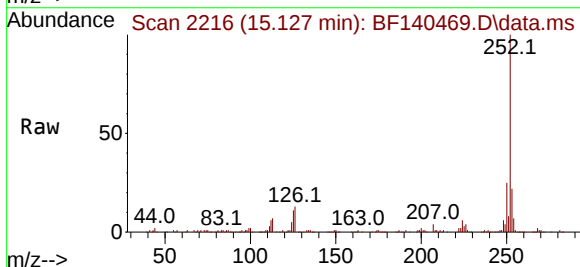
Instrument :
BNA_F
ClientSampleId :
COMP-2

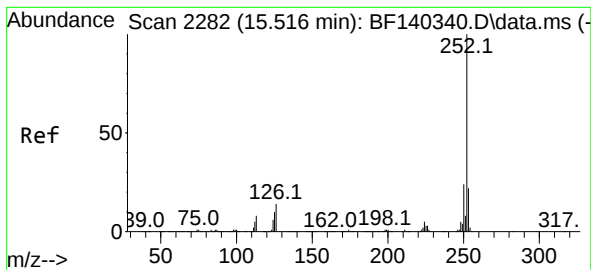
Tgt Ion:252 Resp: 211721
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.3 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 14.110 ng
RT: 15.127 min Scan# 2216
Delta R.T. -0.024 min
Lab File: BF140469.D
Acq: 19 Nov 2024 13:21

Tgt Ion:252 Resp: 211721
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.3 7.4 11.2#





#90

Benzo(a)pyrene

Concen: 7.828 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140469.D

Acq: 19 Nov 2024 13:21

Instrument :

BNA_F

ClientSampleId :

COMP-2

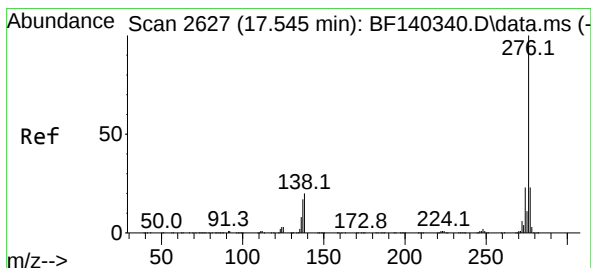
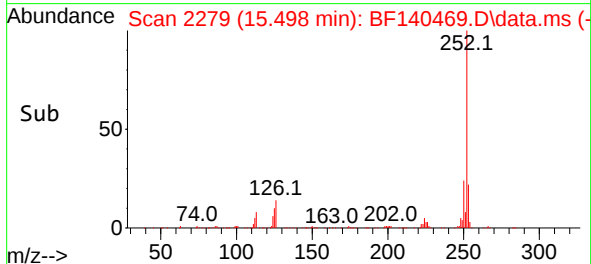
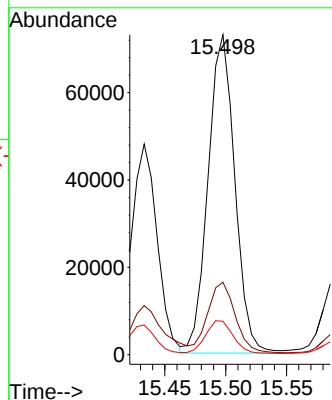
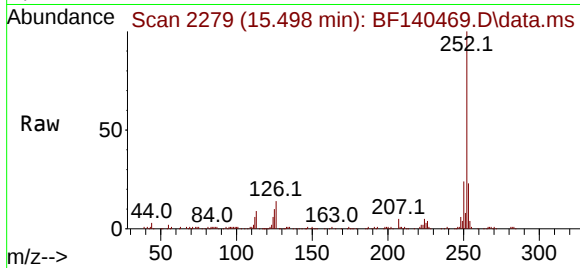
Tgt Ion:252 Resp: 111656

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 10.4 8.4 12.6



#92

Benzo(g,h,i)perylene

Concen: 3.790 ng

RT: 17.515 min Scan# 2622

Delta R.T. -0.000 min

Lab File: BF140469.D

Acq: 19 Nov 2024 13:21

Tgt Ion:276 Resp: 55554

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 19.7 16.0 24.0

