

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085382.D
 Acq On : 11 Mar 2016 20:00
 Operator : UM/SJ
 Sample : H1757-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP2

Quant Time: Mar 11 22:01:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	153312	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	630059	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	287674	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	516717	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	300535	20.00	ng	-0.05
86) Perylene-d12	15.57	264	273811	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1457938	159.51	ng	-0.03
7) Phenol-d6	6.56	99	1756626	146.70	ng	-0.05
23) Nitrobenzene-d5	7.50	82	1037680	88.13	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	368002	149.50	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1899355	100.41	ng	-0.05
78) Terphenyl-d14	13.05	244	1363385	105.31	ng	-0.03

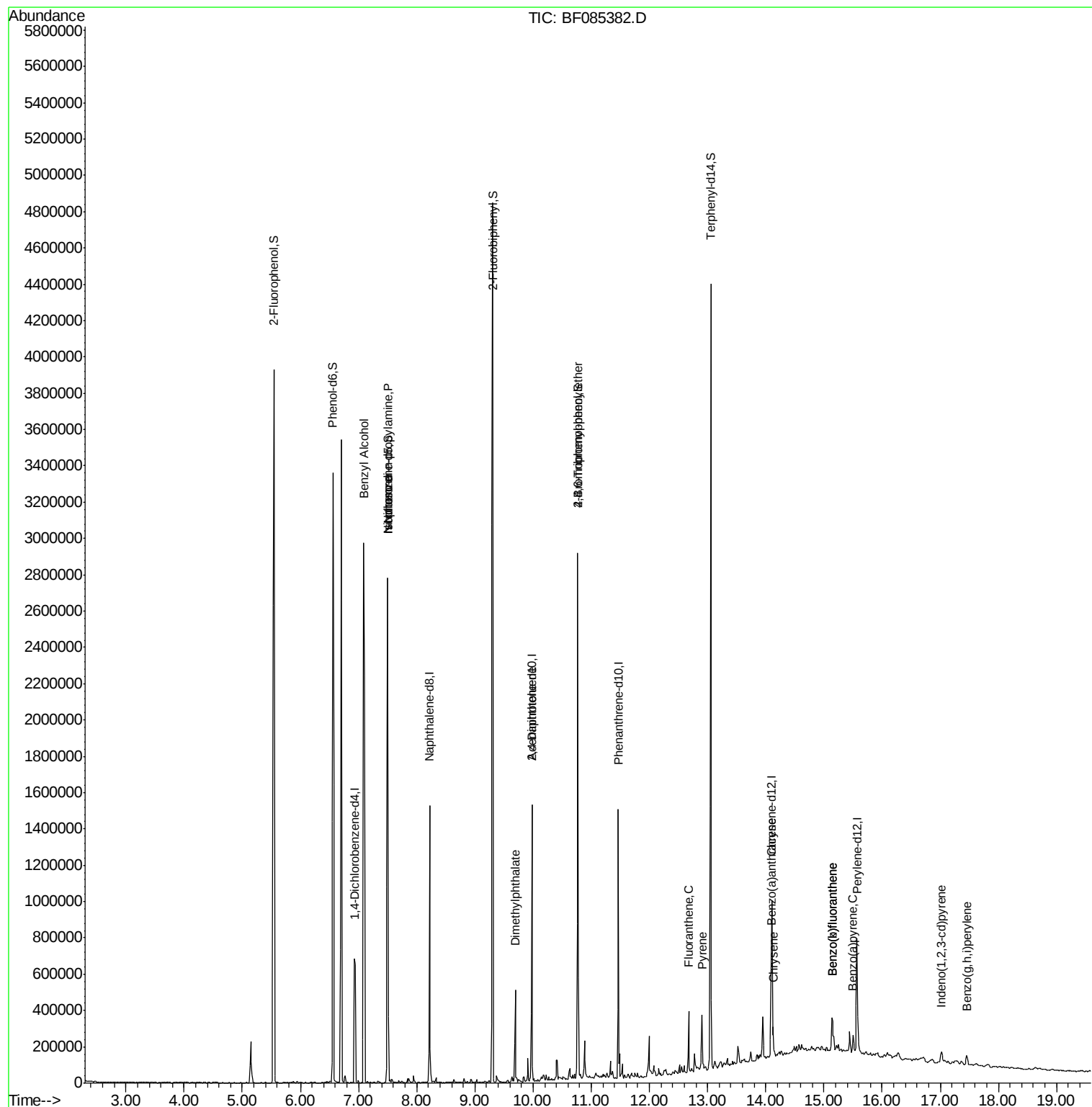
Target Compounds				Qvalue		
9) Benzaldehyde	6.56	77	2448	Below Cal	#	2
15) Benzyl Alcohol	7.09	79	17653	2.01 ng	#	47
19) n-Nitroso-di-n-propylamine	7.50	70	140464	18.00 ng	#	78
25) Isophorone	7.50	82	757659	34.72 ng	#	67
49) Dimethylphthalate	9.69	163	220534	9.99 ng		99
56) 2,4-Dinitrotoluene	9.98	165	38139	6.31 ng	#	22
66) 4-Bromophenyl-phenylether	10.77	248	24698	4.92 ng	#	1
74) Fluoranthene	12.68	202	125445	4.62 ng		98
77) Pyrene	12.91	202	122519	5.42 ng		98
80) Benzo(a)anthracene	14.09	228	59743	3.32 ng		94
82) Chrysene	14.13	228	66417	4.00 ng		97
85) Indeno(1,2,3-cd)pyrene	17.02	276	42619	3.29 ng	#	91
87) Benzo(b)fluoranthene	15.15	252	136146	7.46 ng		98
88) Benzo(k)fluoranthene	15.15	252	136493	9.27 ng		98
89) Benzo(a)pyrene	15.50	252	44423	2.94 ng	#	90
91) Benzo(g,h,i)perylene	17.45	276	39200	3.02 ng		96

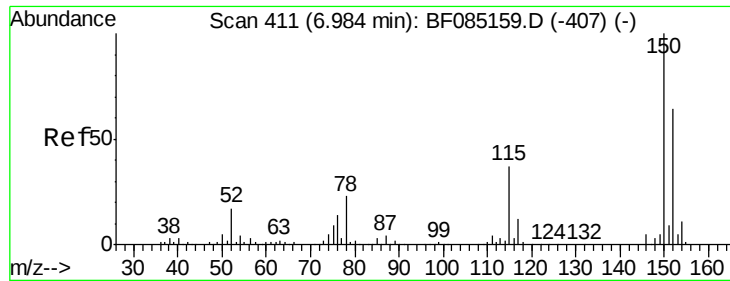
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085382.D
Acq On : 11 Mar 2016 20:00
Operator : UM/SJ
Sample : H1757-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2

Quant Time: Mar 11 22:01:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

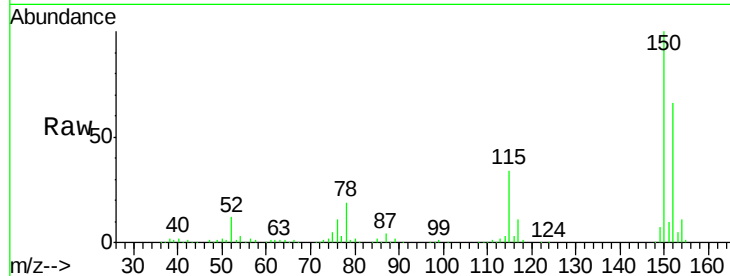




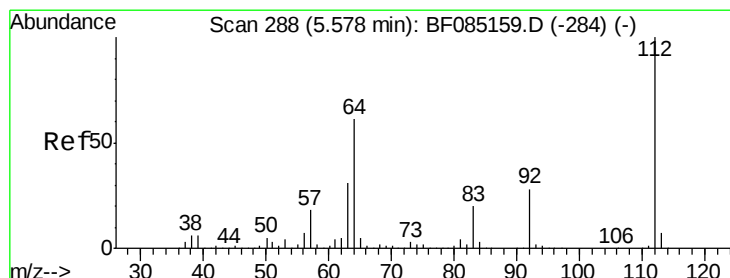
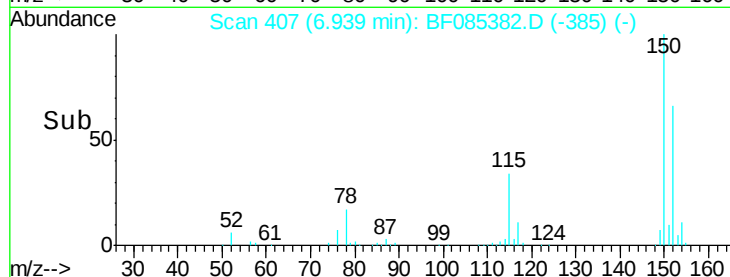
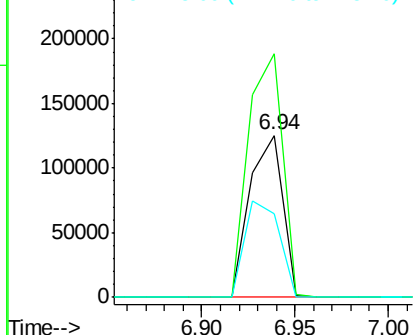
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.05 min
 Lab File: BF085382.D
 Acq: 11 Mar 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP2

Tgt Ion:152 Resp: 153312
 Ion Ratio Lower Upper
 152 100
 150 150.5 124.6 186.8
 115 51.5 46.6 70.0

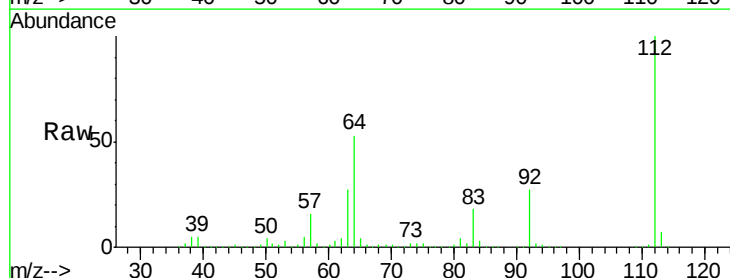


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

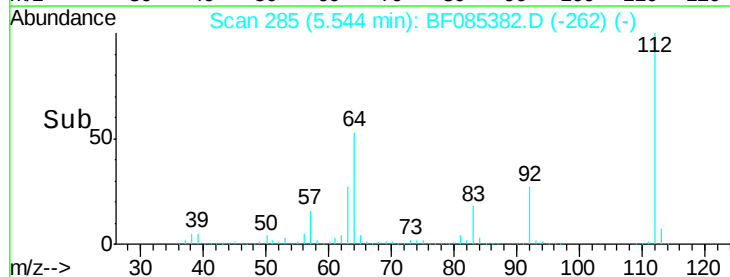
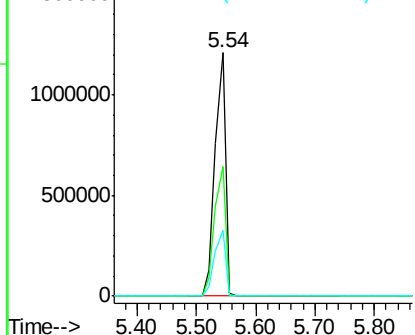


#5
 2-Fluorophenol
 Concen: 159.51 ng
 RT: 5.54 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: BF085382.D
 Acq: 11 Mar 2016 20:00

Tgt Ion:112 Resp: 1457938
 Ion Ratio Lower Upper
 112 100
 64 53.4 49.0 73.4
 63 26.9 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.70 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2

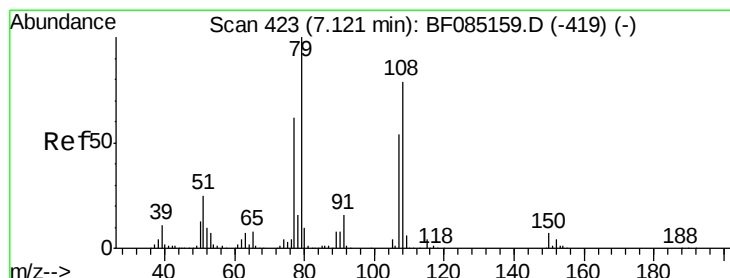
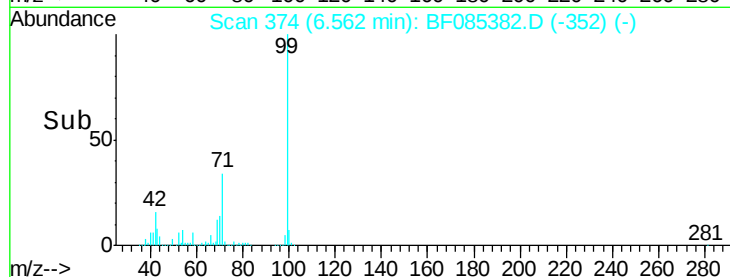
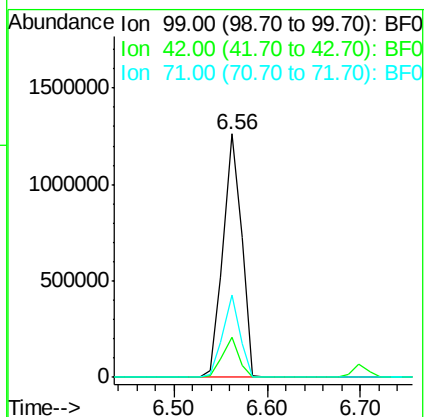
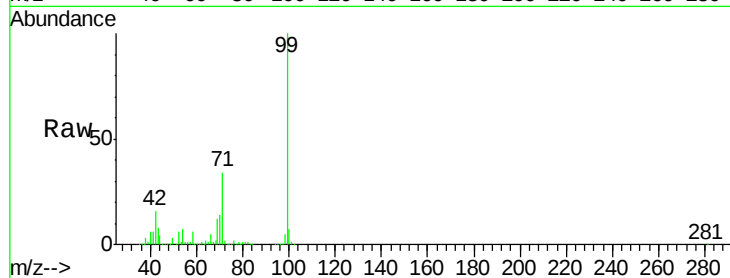
Tgt Ion: 99 Resp: 1756626

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

71 34.0 26.7 40.1



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

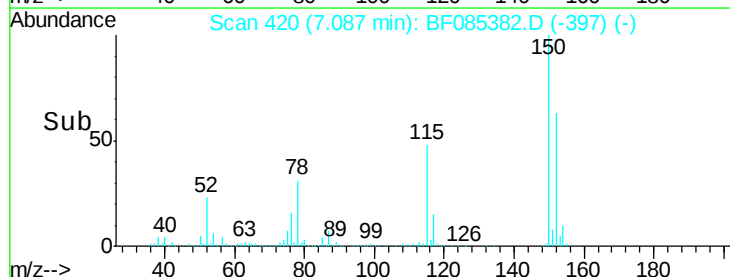
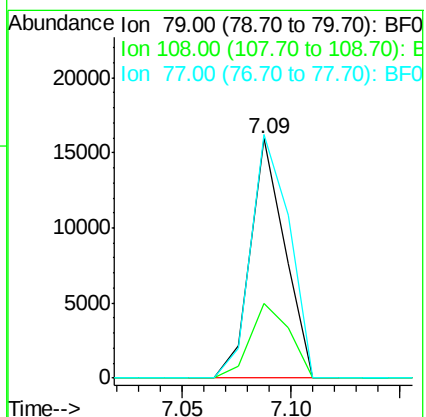
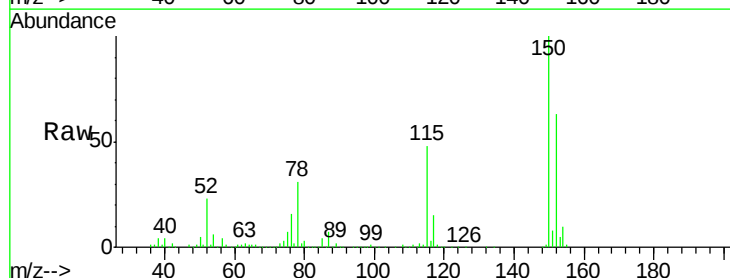
Tgt Ion: 79 Resp: 17653

Ion Ratio Lower Upper

79 100

108 31.3 62.9 94.3#

77 101.8 49.5 74.3#

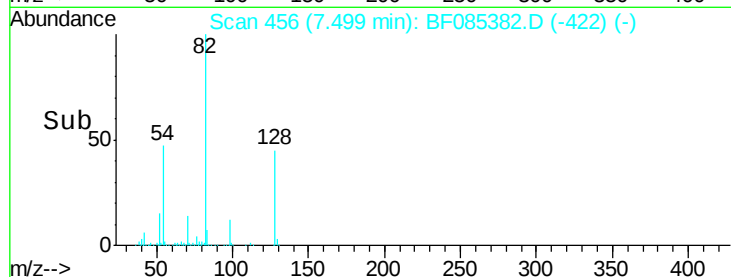
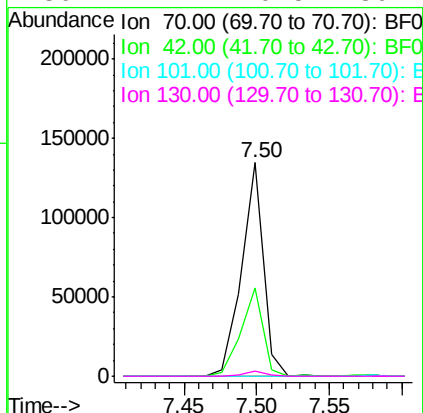
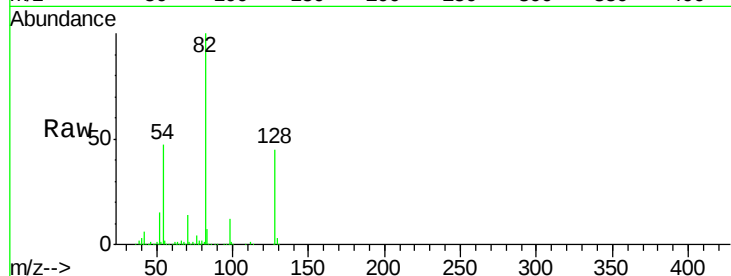




#19
n-Nitroso-di-n-propylamine
Concen: 18.00 ng
RT: 7.50 min Scan# 456
Delta R.T. 0.09 min
Lab File: BF085382.D
Acq: 11 Mar 2016 20:00

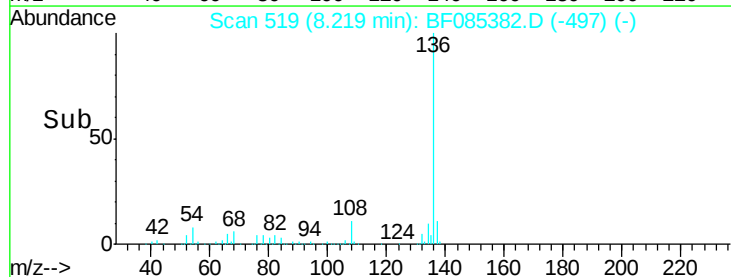
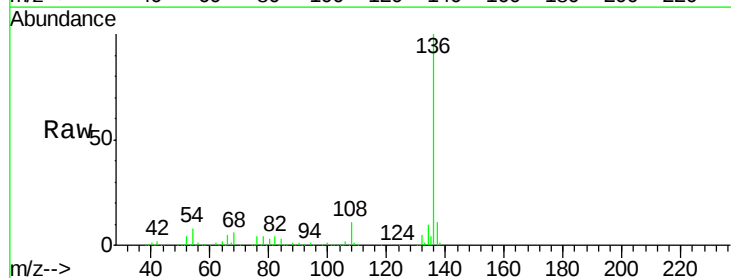
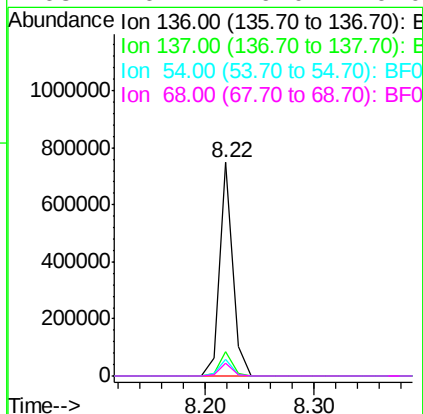
Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2

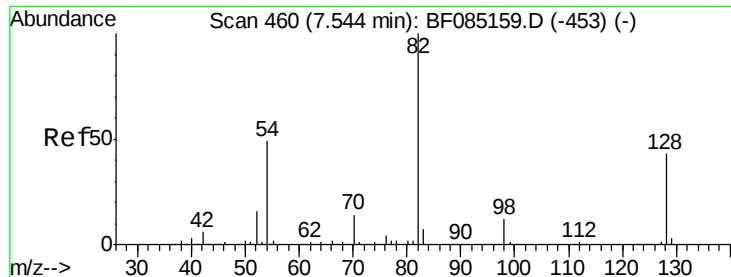
Tgt Ion: 70 Resp: 140464
Ion Ratio Lower Upper
70 100
42 41.6 37.7 56.5
101 0.0 8.2 12.4#
130 2.2 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085382.D
Acq: 11 Mar 2016 20:00

Tgt Ion: 136 Resp: 630059
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 7.7 7.4 11.2
68 6.2 6.0 9.0

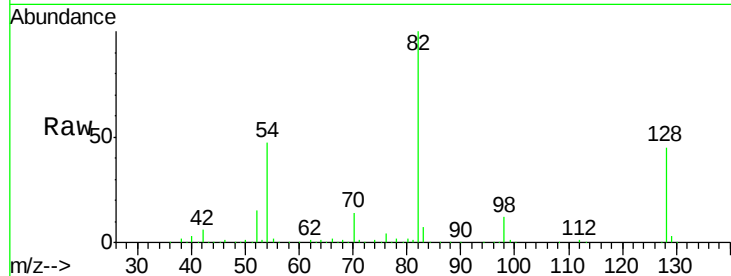




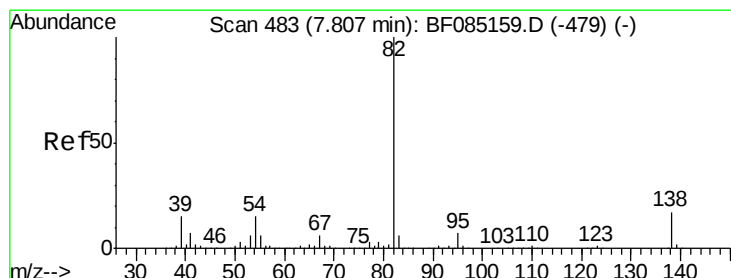
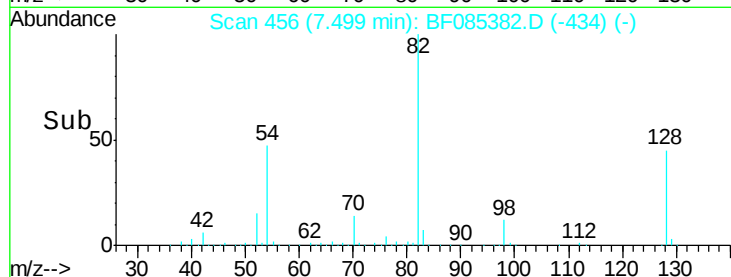
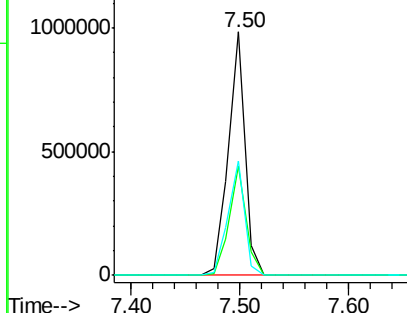
#23
 Nitrobenzene-d5
 Concen: 88.13 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085382.D
 Acq: 11 Mar 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP2

Tgt Ion: 82 Resp: 1037680
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.5 51.7
 54 47.0 39.3 58.9

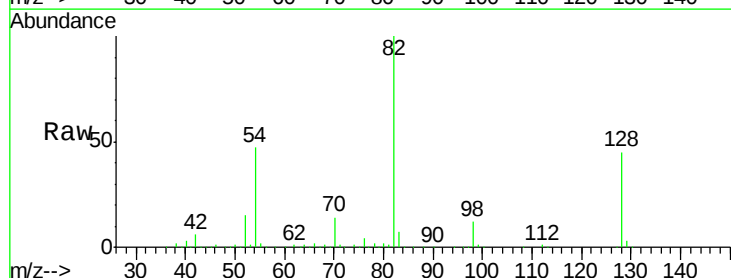


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

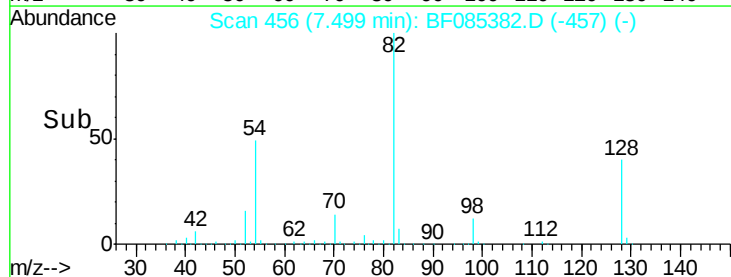
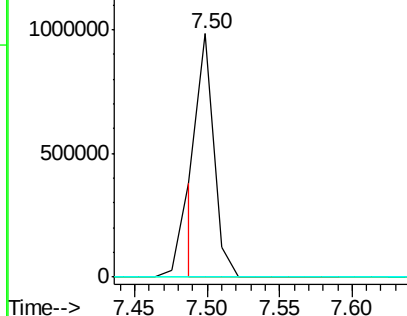


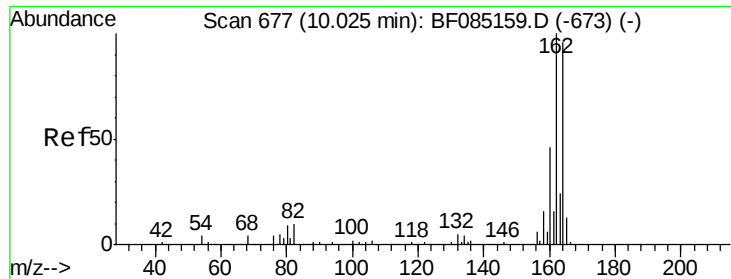
#25
 Isophorone
 Concen: 34.72 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.31 min
 Lab File: BF085382.D
 Acq: 11 Mar 2016 20:00

Tgt Ion: 82 Resp: 757659
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

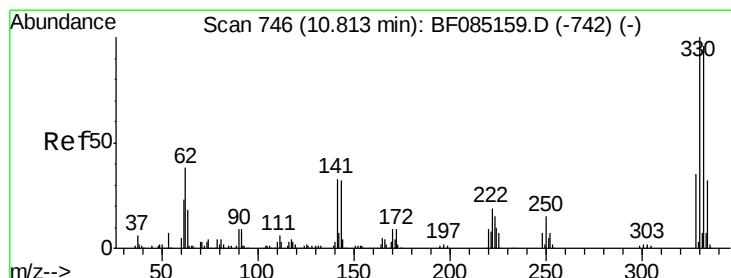
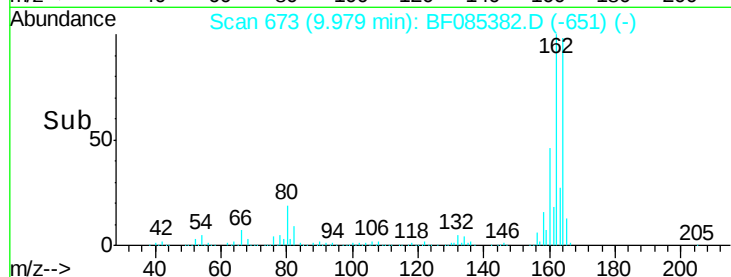
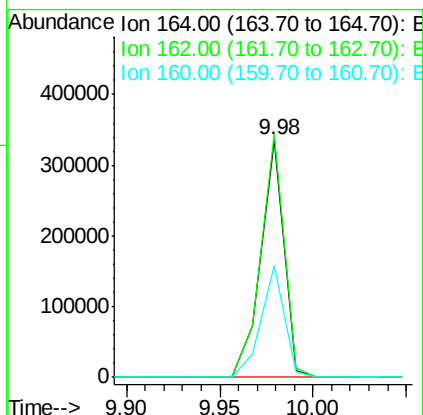
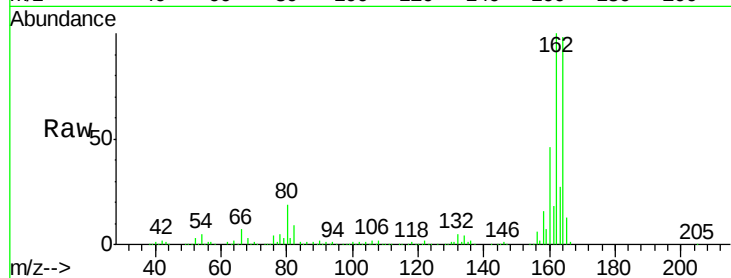




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF085382.D
Acq: 11 Mar 2016 20:00

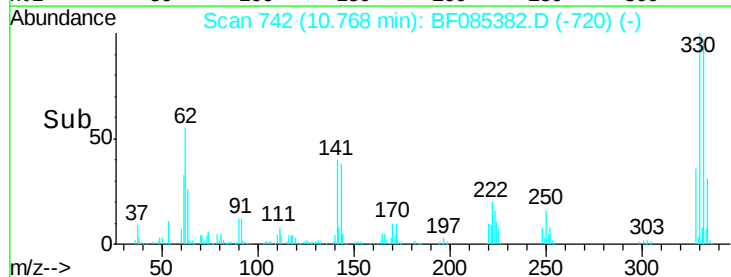
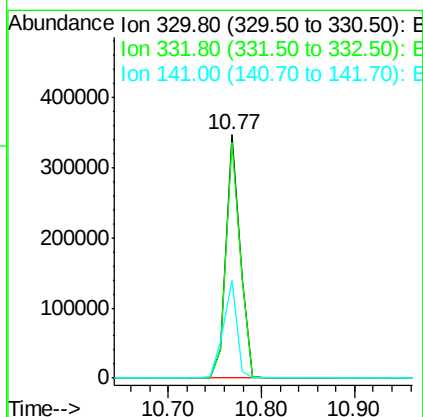
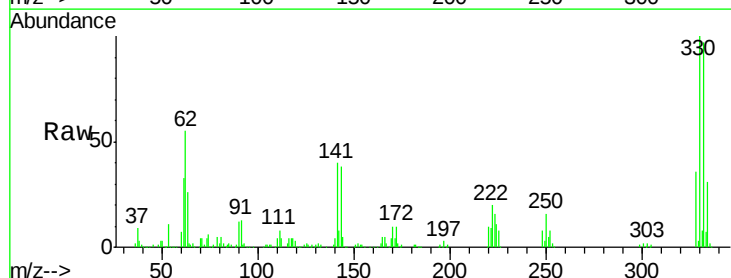
Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2

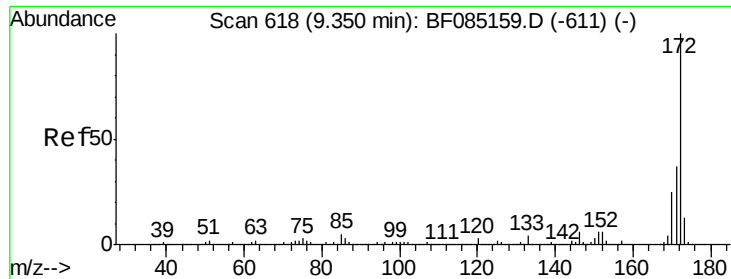
Tgt Ion:164 Resp: 287674
Ion Ratio Lower Upper
164 100
162 102.6 83.3 124.9
160 47.0 37.9 56.9



#41
2,4,6-Tribromophenol
Concen: 149.50 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.05 min
Lab File: BF085382.D
Acq: 11 Mar 2016 20:00

Tgt Ion:330 Resp: 368002
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 38.9 35.0 52.6

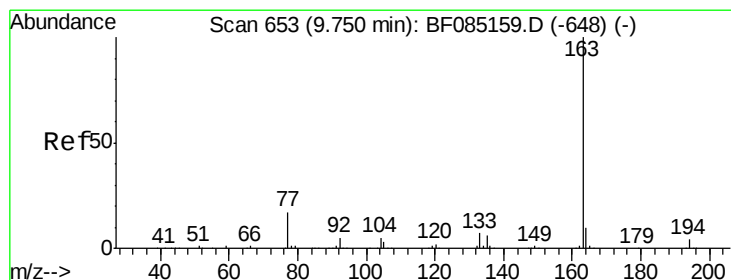
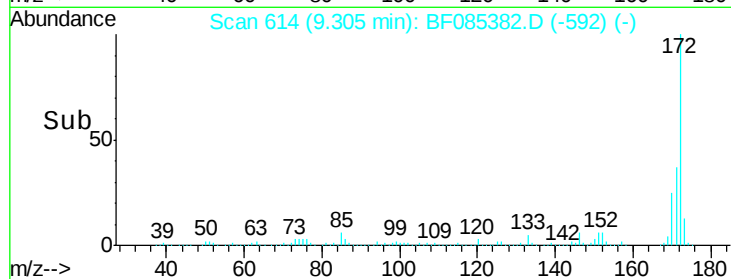
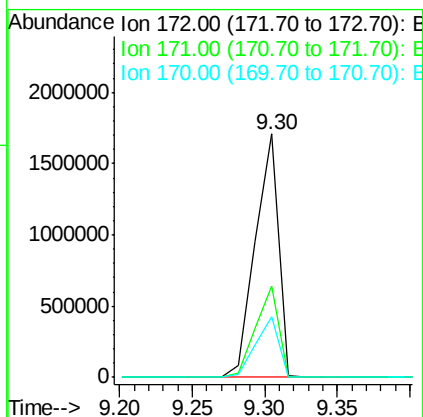
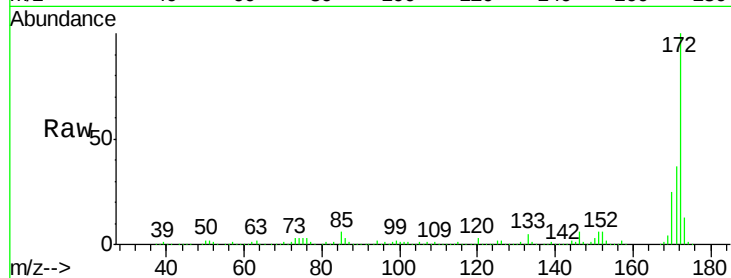




#44
2-Fluorobiphenyl
Concen: 100.41 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085382.D
Acq: 11 Mar 2016 20:00

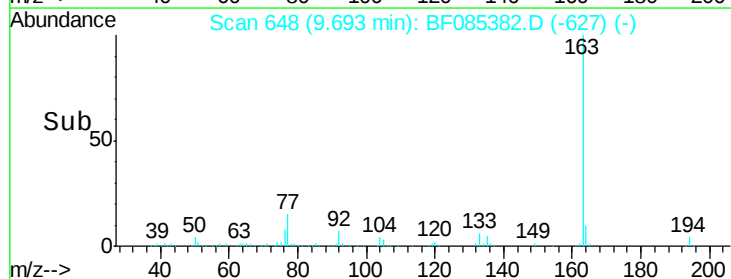
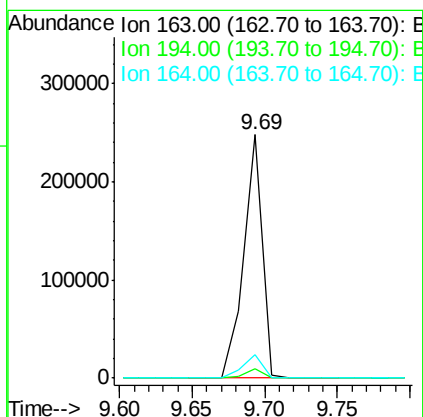
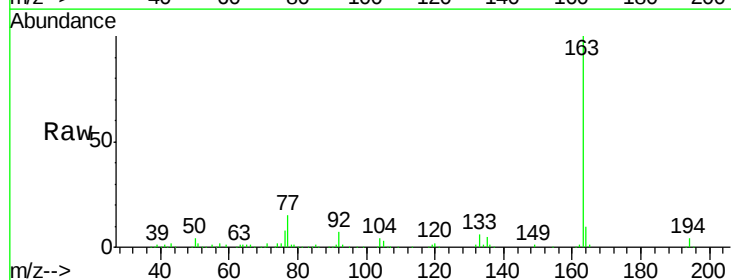
Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2

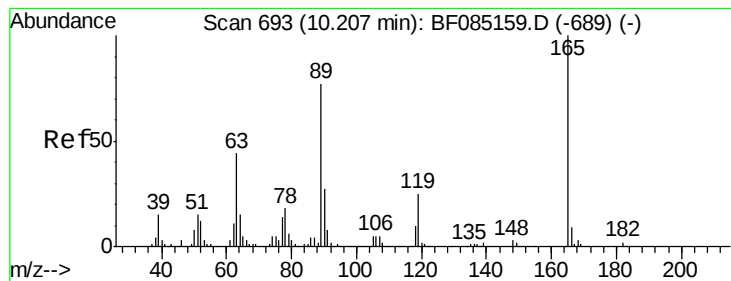
Tgt Ion:172 Resp: 1899355
Ion Ratio Lower Upper
172 100
171 37.3 29.3 43.9
170 24.7 20.0 30.0



#49
Dimethylphthalate
Concen: 9.99 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085382.D
Acq: 11 Mar 2016 20:00

Tgt Ion:163 Resp: 220534
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.7 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 6.31 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.23 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2

Tgt Ion:165 Resp: 38139

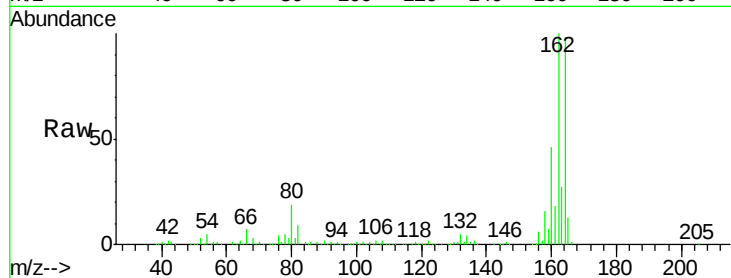
Ion Ratio Lower Upper

165 100

63 1.4 35.4 53.0#

89 1.8 61.9 92.9#

182 0.0 1.9 2.9#

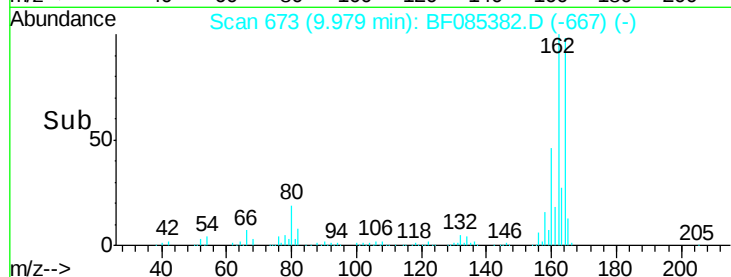


Abundance Ion 165.00 (164.70 to 165.70): E

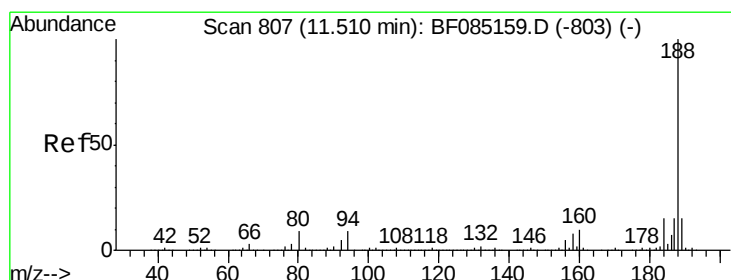
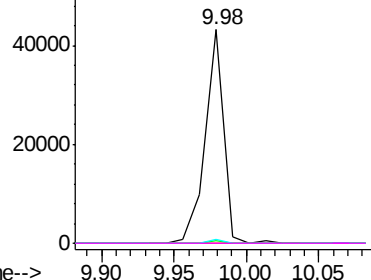
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.05 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

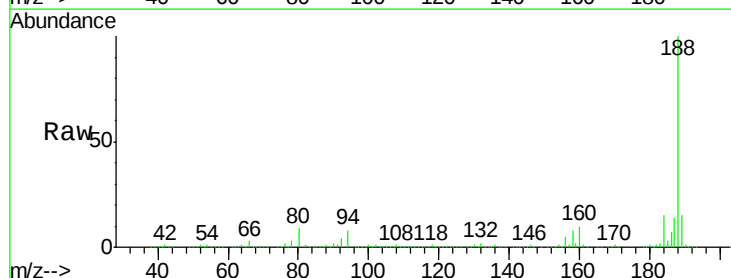
Tgt Ion:188 Resp: 516717

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

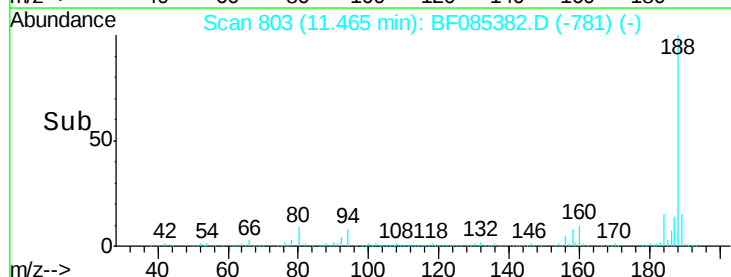
80 8.7 7.4 11.0



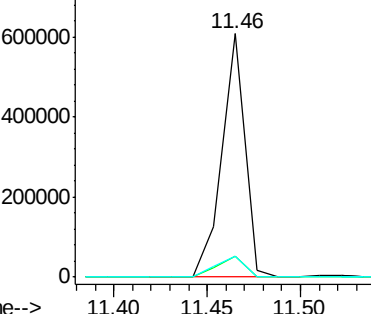
Abundance Ion 188.00 (187.70 to 188.70): E

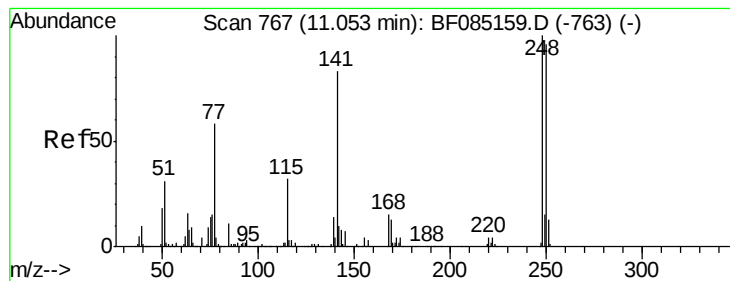
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->





#66

4-Bromophenyl-phenylether

Concen: 4.92 ng

RT: 10.77 min Scan# 742

Delta R.T. -0.29 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2

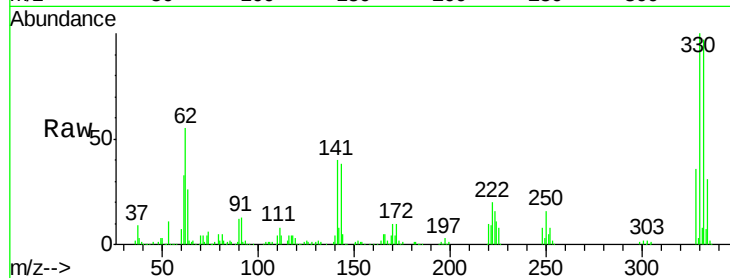
Tgt Ion:248 Resp: 24698

Ion Ratio Lower Upper

248 100

250 201.6 77.1 115.7#

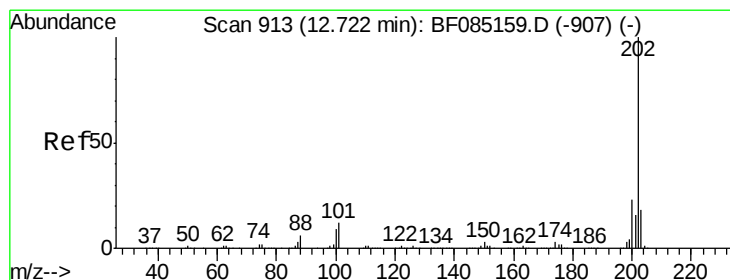
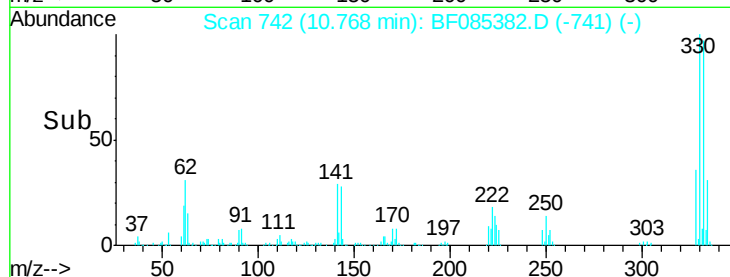
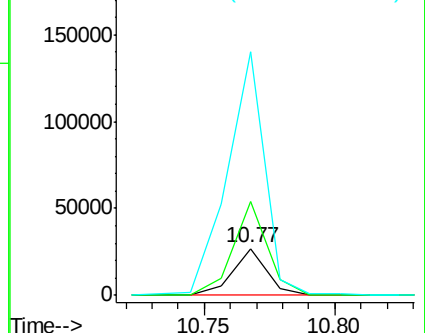
141 523.1 66.2 99.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#74

Fluoranthene

Concen: 4.62 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

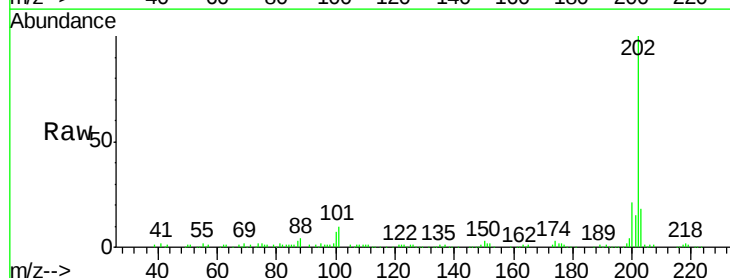
Tgt Ion:202 Resp: 125445

Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.8

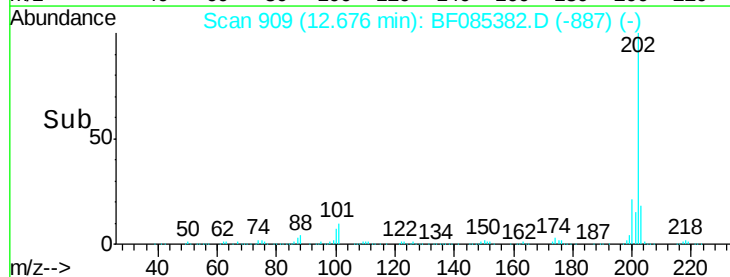
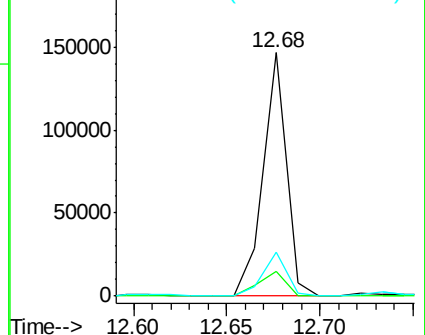
203 18.1 0.0 38.4

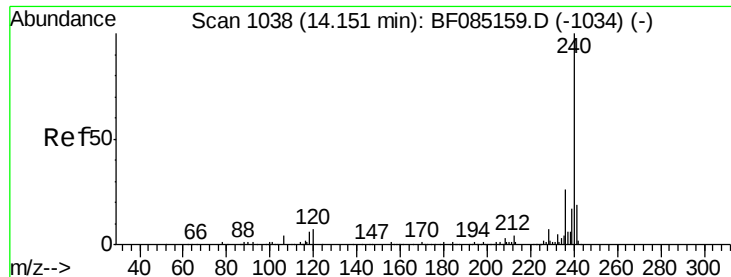


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2

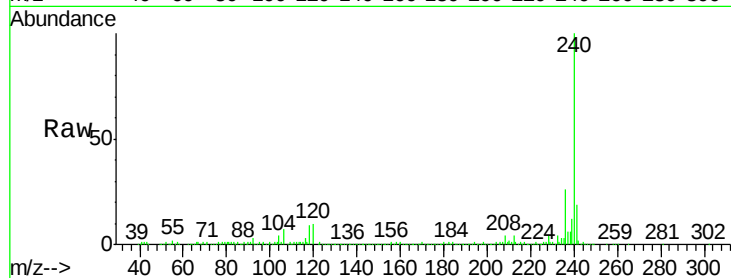
Tgt Ion:240 Resp: 300535

Ion Ratio Lower Upper

240 100

120 10.0 5.3 7.9#

236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.11

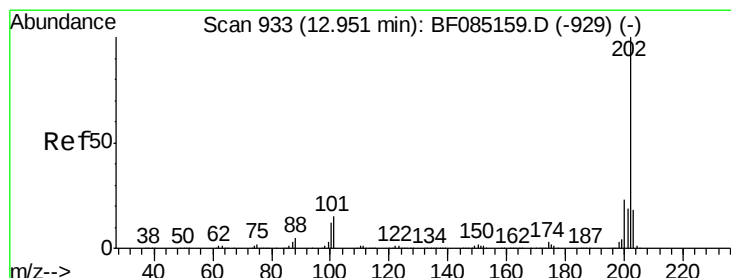
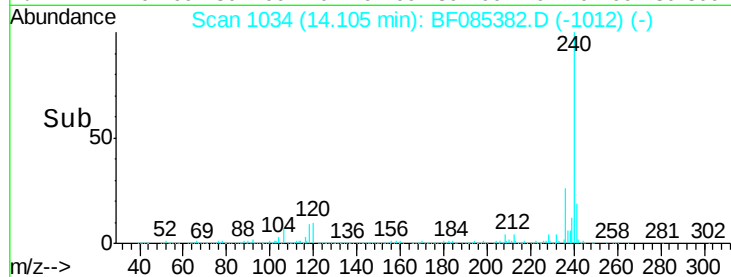
300000

200000

100000

0

Time--> 14.00 14.10 14.20



#77

Pyrene

Concen: 5.42 ng

RT: 12.91 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

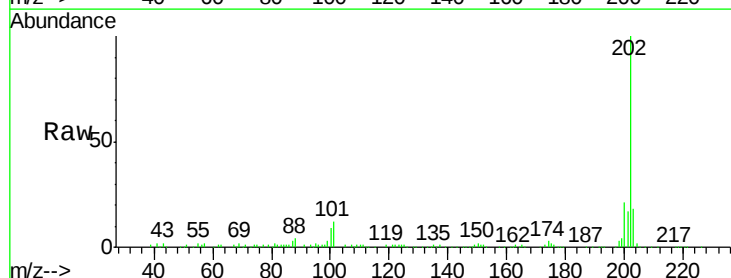
Tgt Ion:202 Resp: 122519

Ion Ratio Lower Upper

202 100

200 21.1 18.2 27.4

203 18.0 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.91

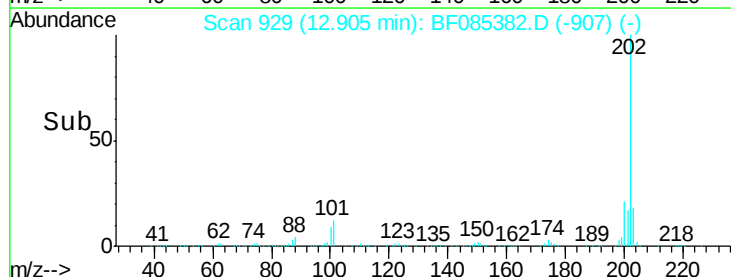
150000

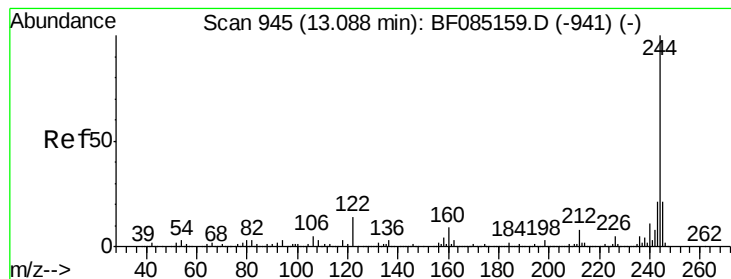
100000

50000

0

Time--> 12.85 12.90 12.95





#78

Terphenyl-d14

Concen: 105.31 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2

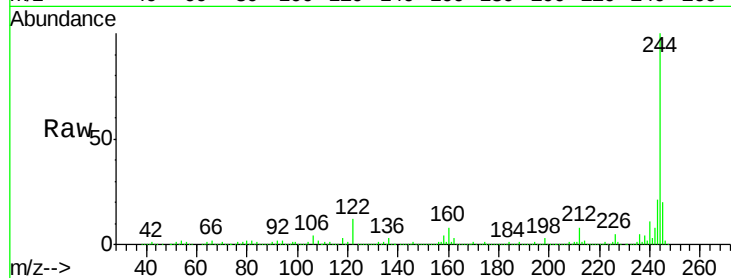
Tgt Ion:244 Resp: 1363385

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

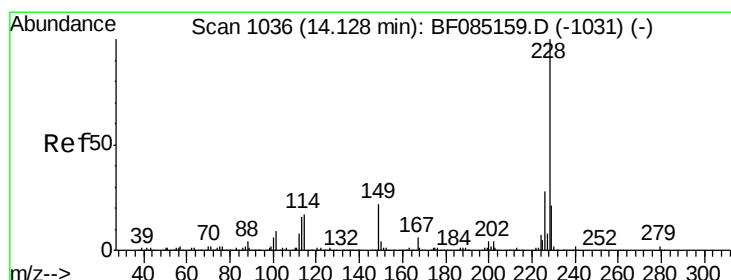
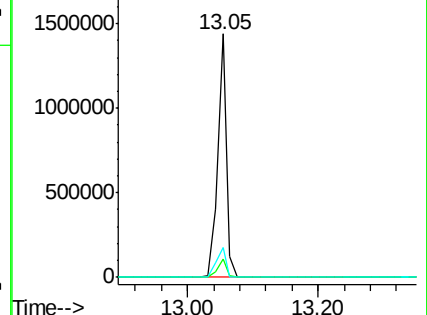
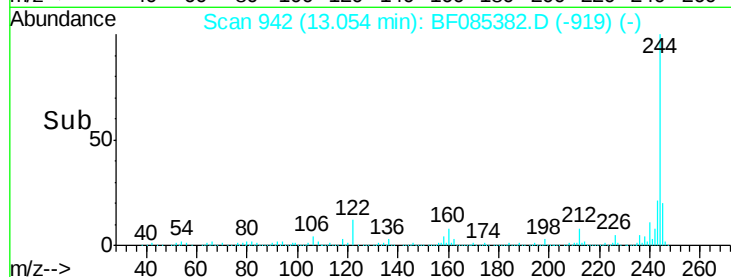
122 12.3 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 3.32 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

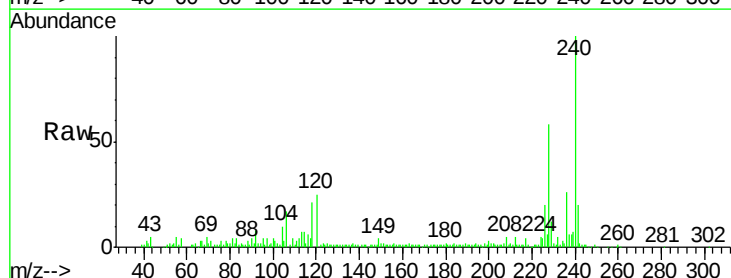
Tgt Ion:228 Resp: 59743

Ion Ratio Lower Upper

228 100

226 34.0 22.8 34.2

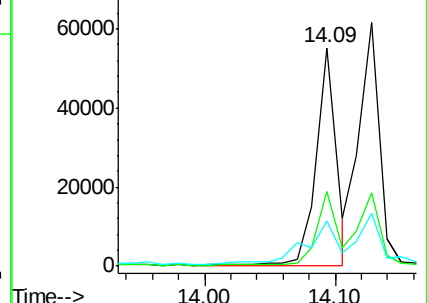
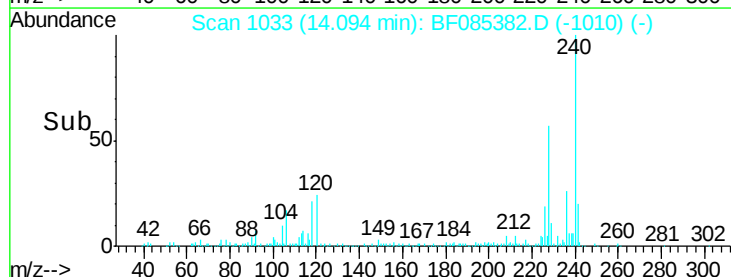
229 20.6 16.6 24.8

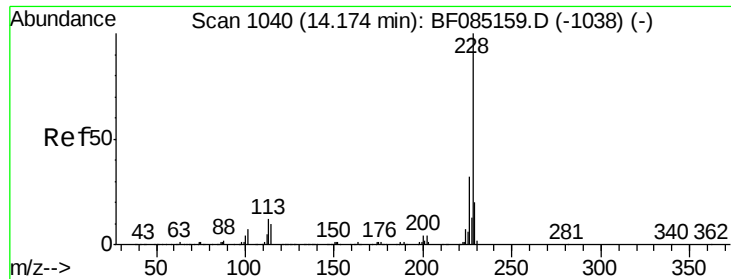


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 4.00 ng

RT: 14.13 min Scan# 1036

Delta R.T. -0.05 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2

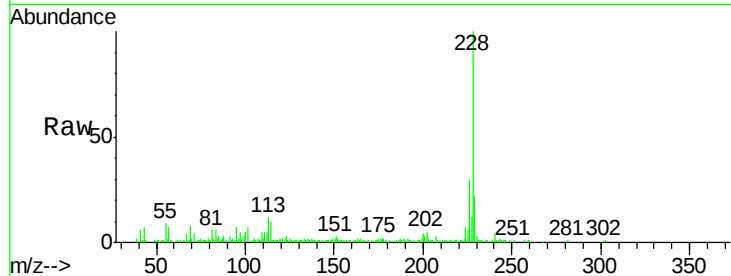
Tgt Ion:228 Resp: 66417

Ion Ratio Lower Upper

228 100

226 30.0 25.2 37.8

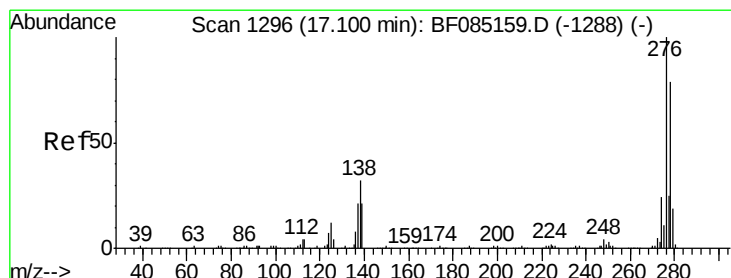
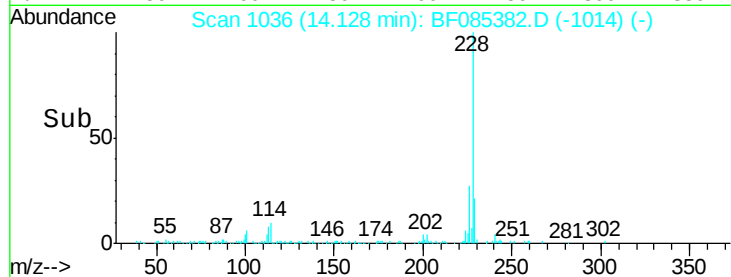
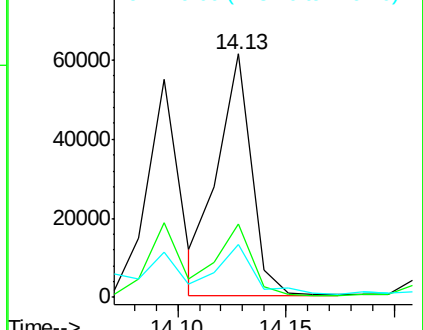
229 21.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.29 ng

RT: 17.02 min Scan# 1289

Delta R.T. -0.08 min

Lab File: BF085382.D

Acq: 11 Mar 2016 20:00

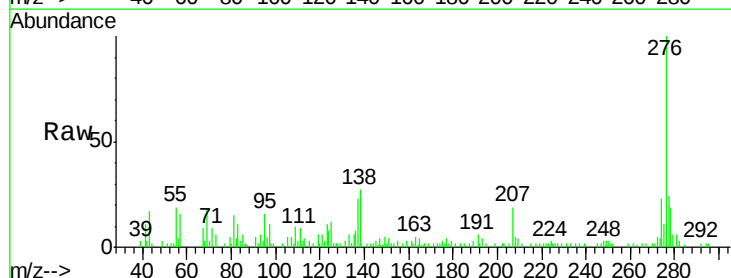
Tgt Ion:276 Resp: 42619

Ion Ratio Lower Upper

276 100

138 25.6 26.4 39.6#

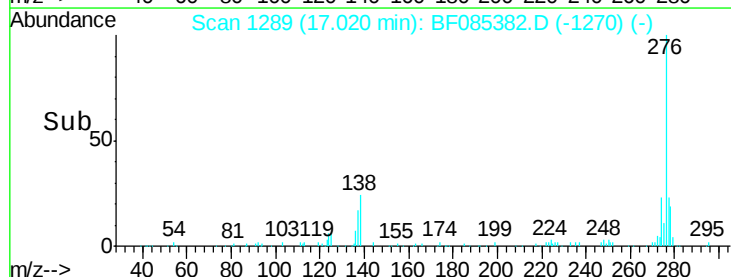
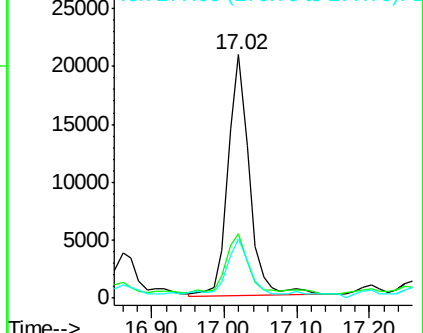
277 23.6 20.2 30.2

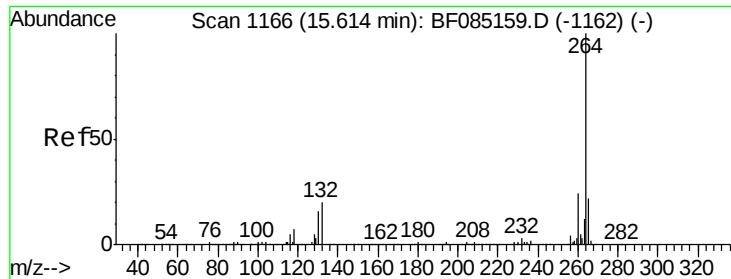


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

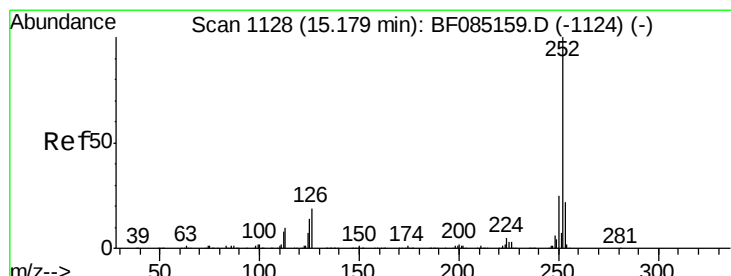
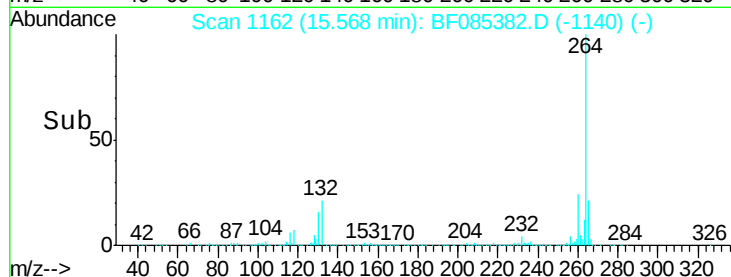
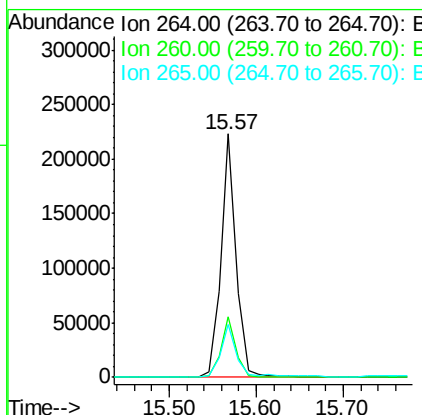
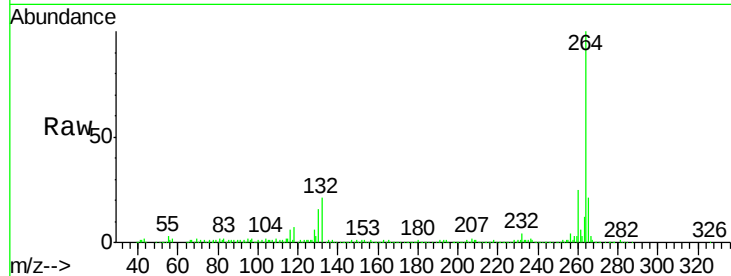




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085382.D
 Acq: 11 Mar 2016 20:00

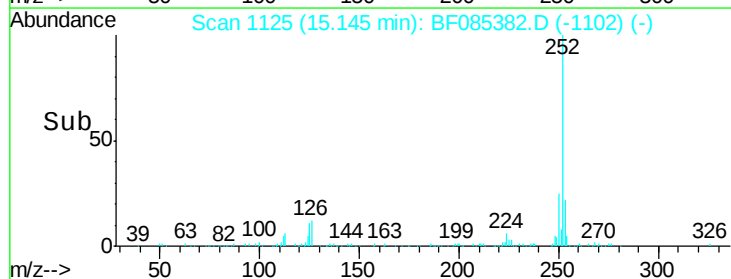
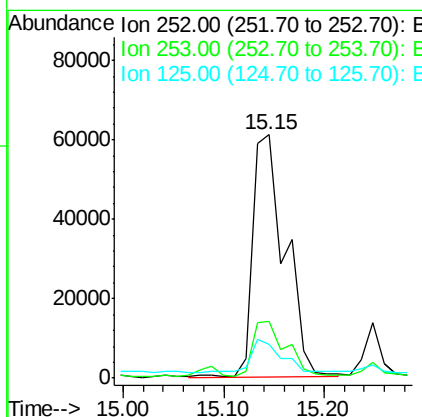
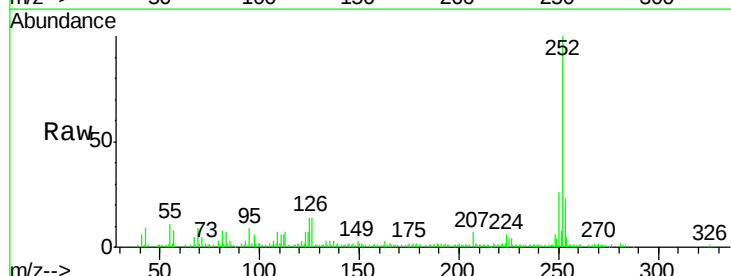
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP2

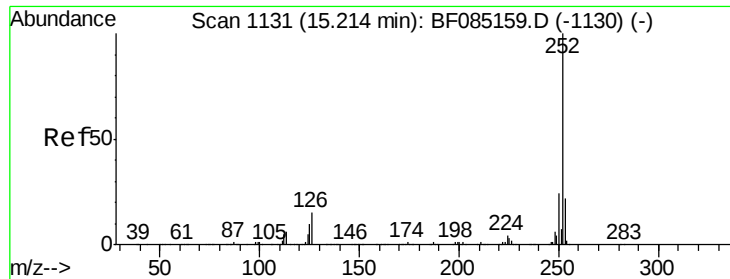
Tgt Ion: 264 Resp: 273811
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.5 17.3 25.9



#87
 Benzo(b)fluoranthene
 Concen: 7.46 ng
 RT: 15.15 min Scan# 1125
 Delta R.T. -0.03 min
 Lab File: BF085382.D
 Acq: 11 Mar 2016 20:00

Tgt Ion: 252 Resp: 136146
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.8 26.6
 125 13.7 11.3 16.9

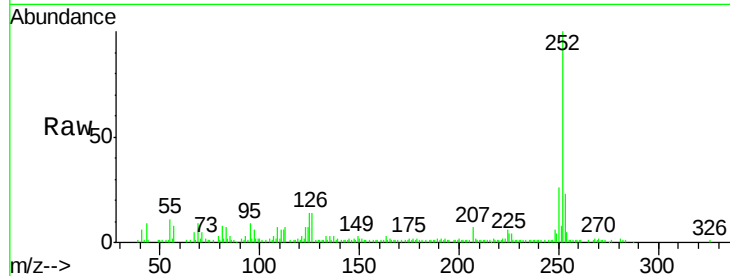




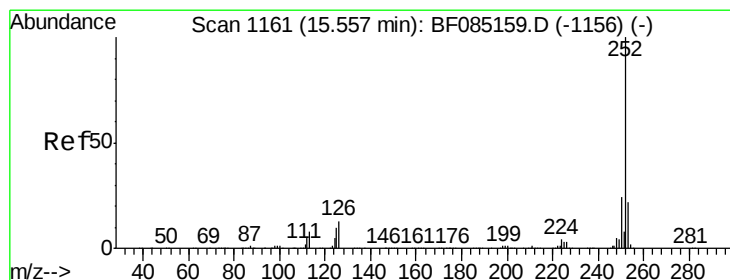
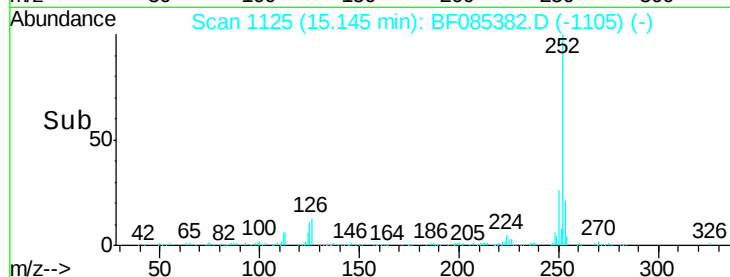
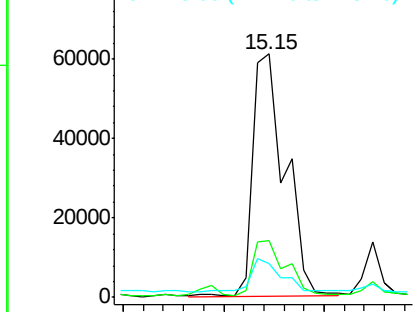
#88
Benzo(k)fluoranthene
Concen: 9.27 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.07 min
Lab File: BF085382.D
Acq: 11 Mar 2016 20:00

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2

Tgt Ion:252 Resp: 136493
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 13.7 10.4 15.6

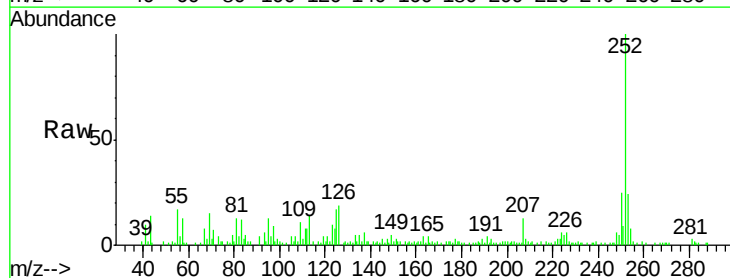


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

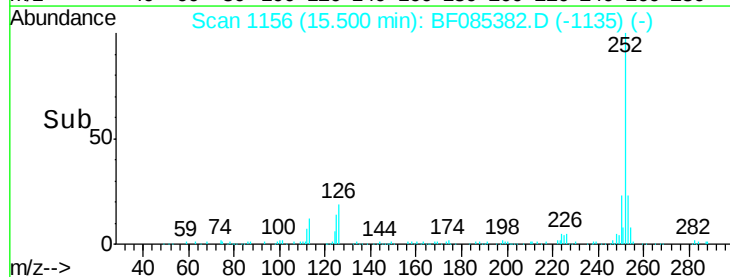
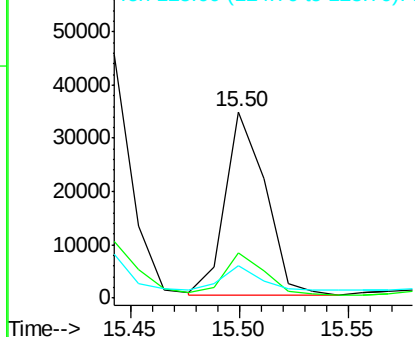


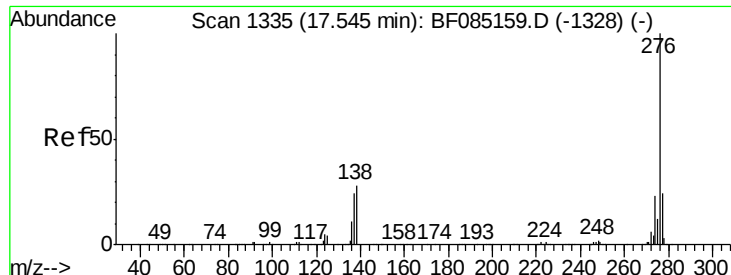
#89
Benzo(a)pyrene
Concen: 2.94 ng
RT: 15.50 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF085382.D
Acq: 11 Mar 2016 20:00

Tgt Ion:252 Resp: 44423
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 17.3 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

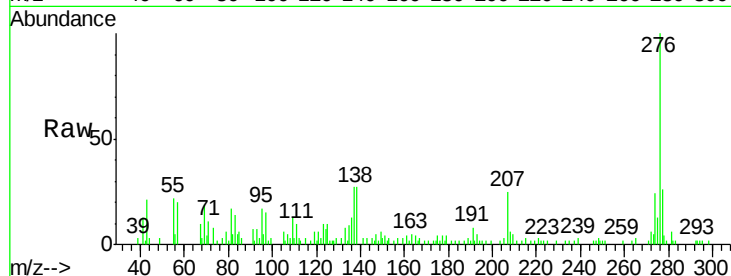




#91
 Benzo(g,h,i)perylene
 Concen: 3.02 ng
 RT: 17.45 min Scan# 1327
 Delta R.T. -0.09 min
 Lab File: BF085382.D
 Acq: 11 Mar 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP2

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.0	28.4
138	26.9	22.5	33.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

