

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085381.D
 Acq On : 11 Mar 2016 19:32
 Operator : UM/SJ
 Sample : H1757-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP1

Quant Time: Mar 11 22:01:05 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	142598	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	568922	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	260740	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	447333	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	268996	20.00	ng	-0.05
86) Perylene-d12	15.57	264	262389	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1381272	162.48	ng	-0.03
7) Phenol-d6	6.56	99	1486667	133.48	ng	-0.05
23) Nitrobenzene-d5	7.50	82	975733	91.78	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	322076	144.36	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1757272	102.50	ng	-0.05
78) Terphenyl-d14	13.05	244	1235425	106.62	ng	-0.03

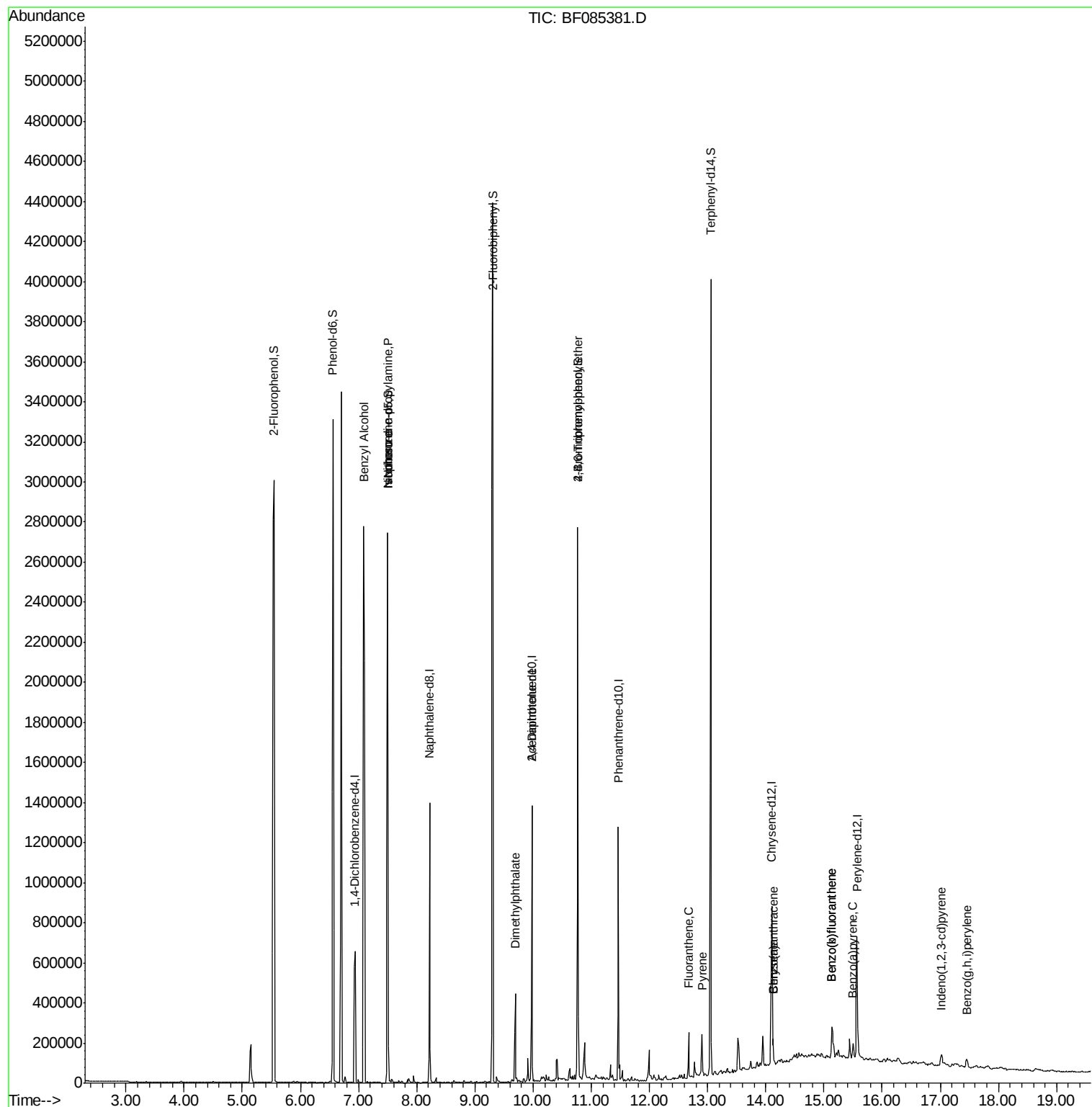
Target Compounds				Qvalue		
9) Benzaldehyde	6.56	77	2278	Below Cal	#	2
15) Benzyl Alcohol	7.09	79	16403	2.01 ng	#	53
19) n-Nitroso-di-n-propylamine	7.50	70	131803	18.16 ng	#	78
25) Isophorone	7.50	82	710070	36.04 ng	#	67
49) Dimethylphthalate	9.69	163	209956	10.49 ng		99
56) 2,4-Dinitrotoluene	9.98	165	33296	6.08 ng	#	22
66) 4-Bromophenyl-phenylether	10.77	248	22513	5.18 ng	#	1
74) Fluoranthene	12.68	202	86483	3.68 ng		96
77) Pyrene	12.90	202	82880	4.09 ng		97
80) Benzo(a)anthracene	14.13	228	52193	3.24 ng		99
82) Chrysene	14.13	228	52193	3.51 ng		97
85) Indeno(1,2,3-cd)pyrene	17.02	276	38362	3.30 ng		95
87) Benzo(b)fluoranthene	15.13	252	107163	6.13 ng		96
88) Benzo(k)fluoranthene	15.13	252	107163	7.60 ng	#	95
89) Benzo(a)pyrene	15.50	252	35822	2.47 ng	#	90
91) Benzo(g,h,i)perylene	17.45	276	33895	2.72 ng		98

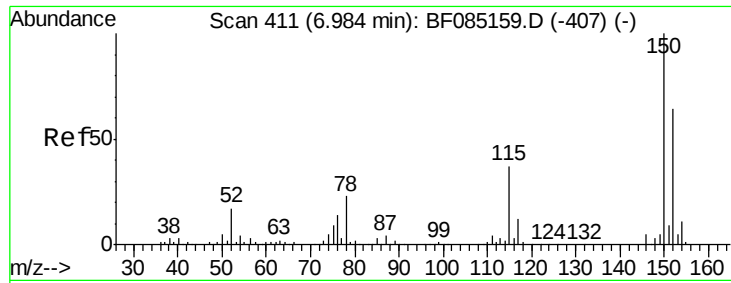
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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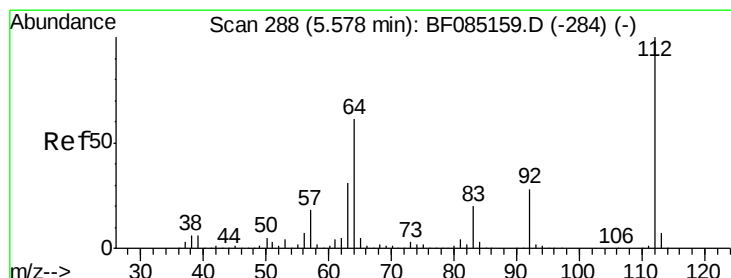
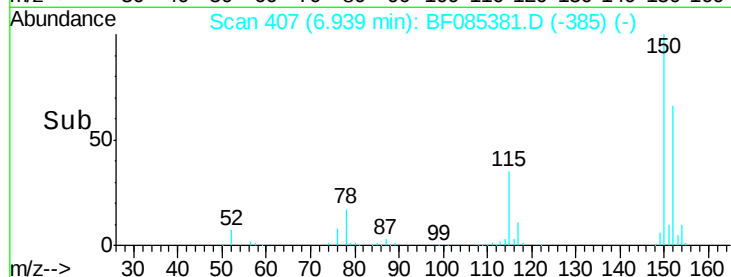
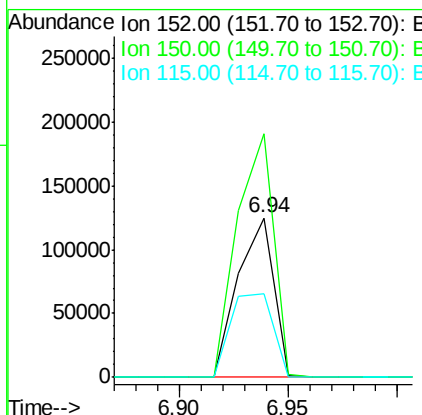
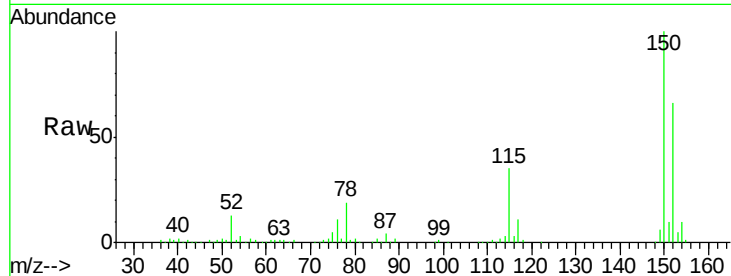




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.05 min
 Lab File: BF085381.D
 Acq: 11 Mar 2016 19:32

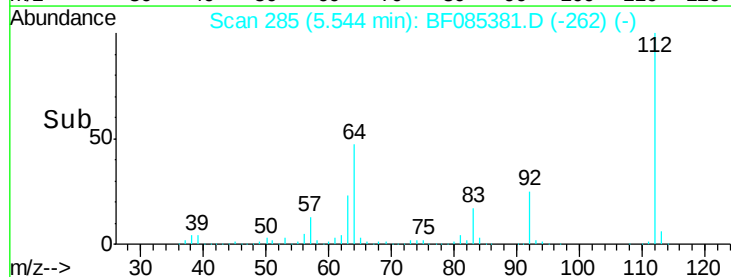
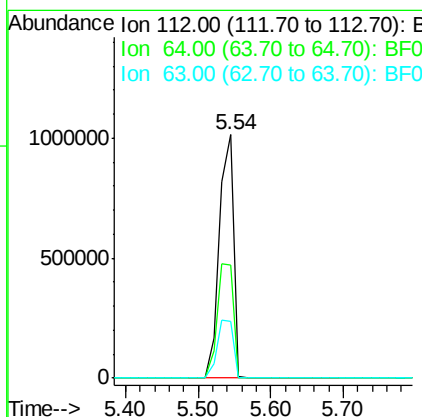
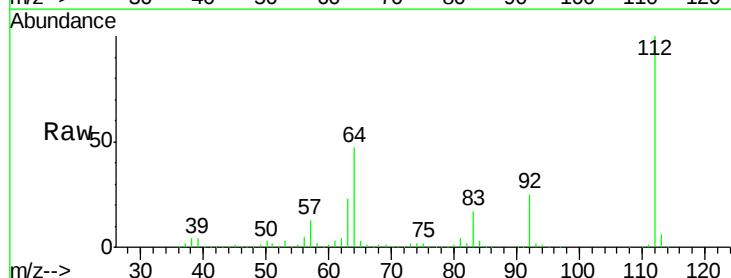
Instrument :
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 TRACK-D-STOCKPICE-COMP1

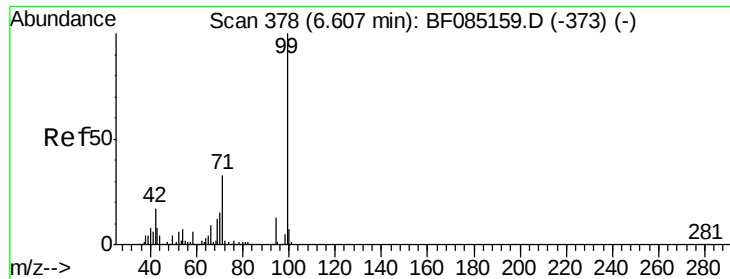
Tgt Ion:152 Resp: 142598
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.6 186.8
 115 52.8 46.6 70.0



#5
 2-Fluorophenol
 Concen: 162.48 ng
 RT: 5.54 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: BF085381.D
 Acq: 11 Mar 2016 19:32

Tgt Ion:112 Resp: 1381272
 Ion Ratio Lower Upper
 112 100
 64 46.6 49.0 73.4#
 63 23.2 24.8 37.2#





#7

Phenol-d6

Concen: 133.48 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085381.D

Acq: 11 Mar 2016 19:32

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP1

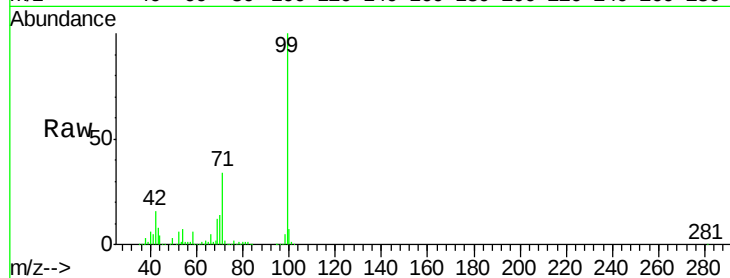
Tgt Ion: 99 Resp: 1486667

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

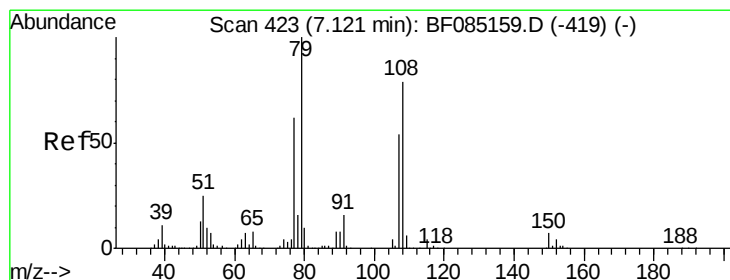
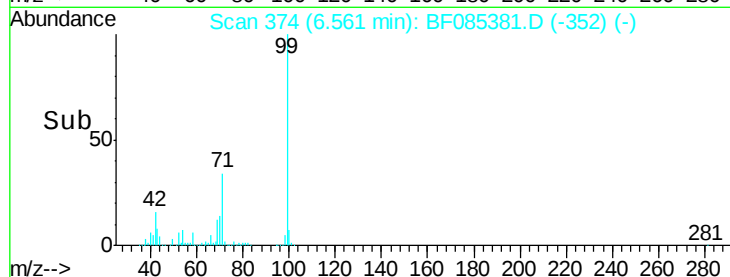
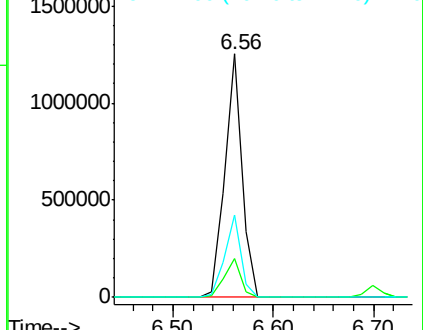
71 33.6 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF085381.D

Acq: 11 Mar 2016 19:32

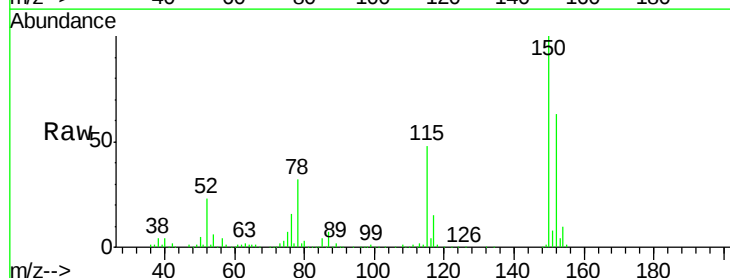
Tgt Ion: 79 Resp: 16403

Ion Ratio Lower Upper

79 100

108 32.2 62.9 94.3#

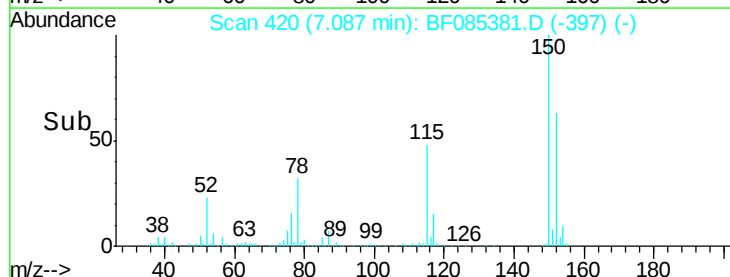
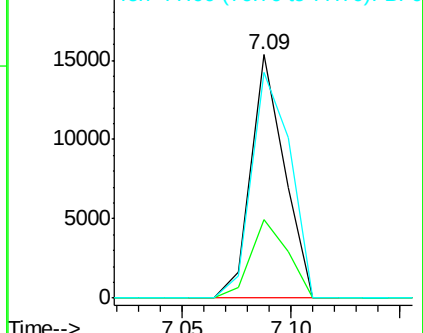
77 92.7 49.5 74.3#

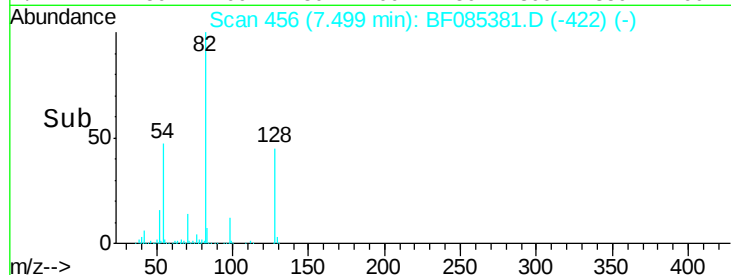
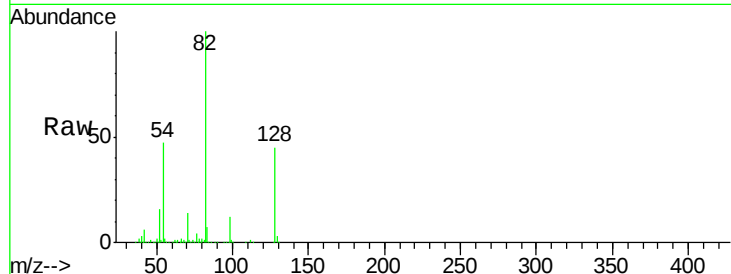


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

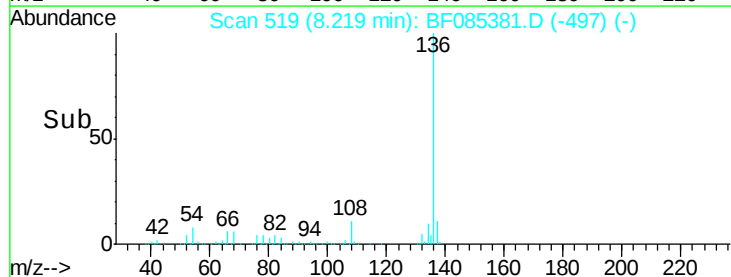
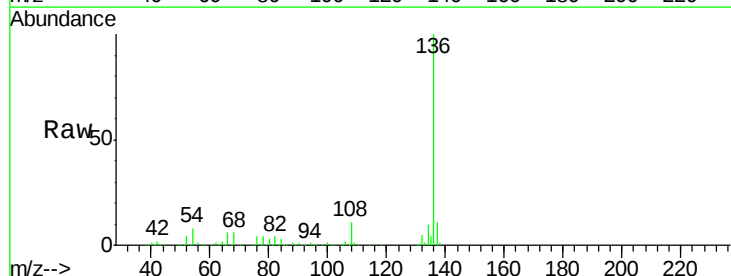
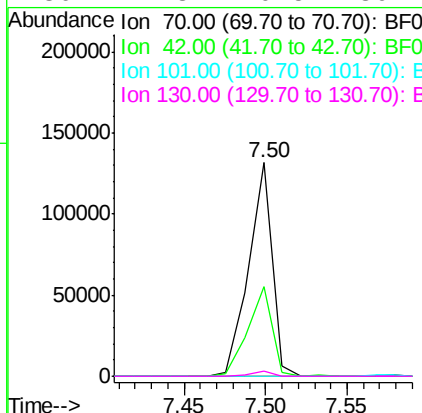




#19
n-Nitroso-di-n-propylamine
Concen: 18.16 ng
RT: 7.50 min Scan# 456
Delta R.T. 0.09 min
Lab File: BF085381.D
Acq: 11 Mar 2016 19:32

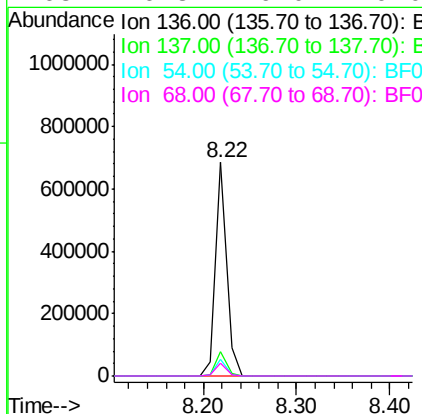
Instrument :
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ClientSampleId :
TRACK-D-STOCKPICE-COMP1

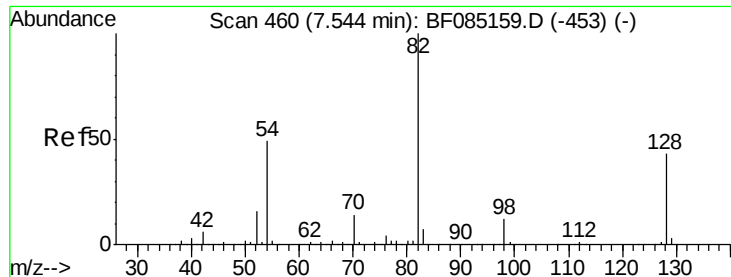
Tgt Ion: 70 Resp: 131803
Ion Ratio Lower Upper
70 100
42 42.1 37.7 56.5
101 0.0 8.2 12.4#
130 2.3 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085381.D
Acq: 11 Mar 2016 19:32

Tgt Ion: 136 Resp: 568922
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 7.9 7.4 11.2
68 6.3 6.0 9.0

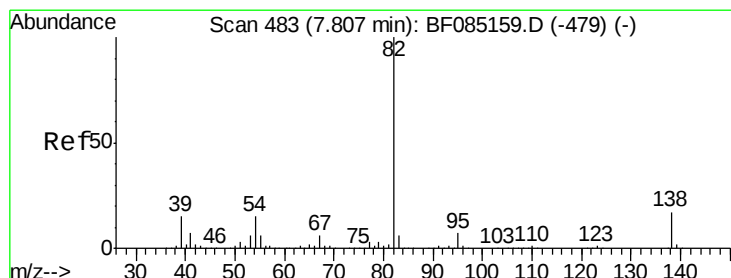
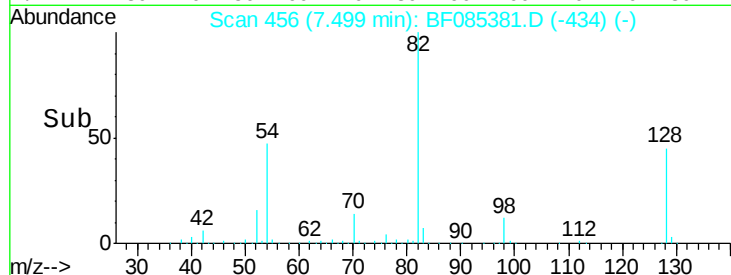
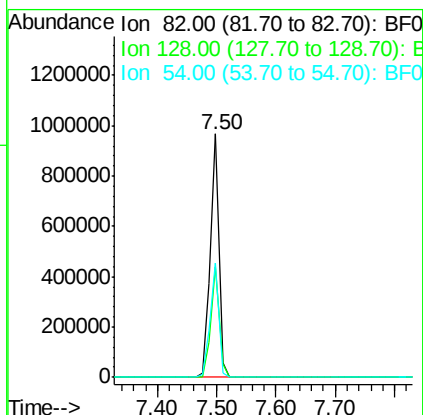
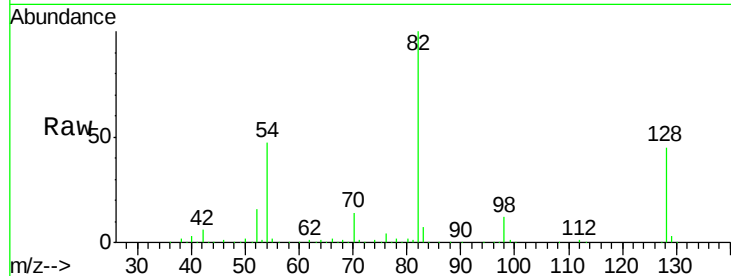




#23
 Nitrobenzene-d5
 Concen: 91.78 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085381.D
 Acq: 11 Mar 2016 19:32

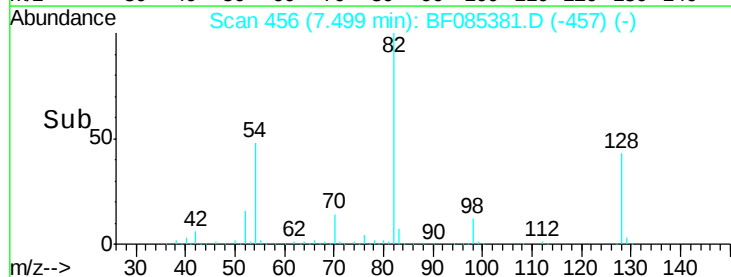
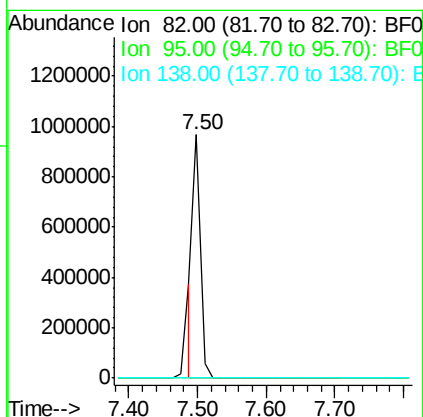
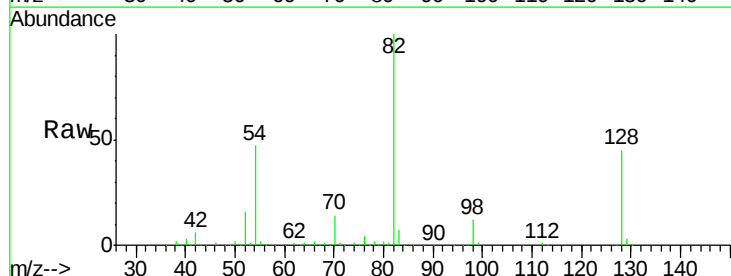
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP1

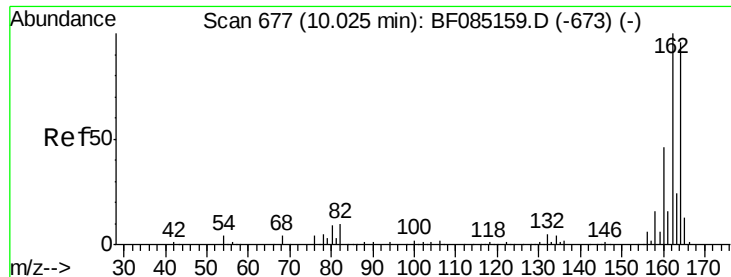
Tgt Ion: 82 Resp: 975733
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.5 51.7
 54 47.1 39.3 58.9



#25
 Isophorone
 Concen: 36.04 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.31 min
 Lab File: BF085381.D
 Acq: 11 Mar 2016 19:32

Tgt Ion: 82 Resp: 710070
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 13.3 19.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085381.D

Acq: 11 Mar 2016 19:32

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP1

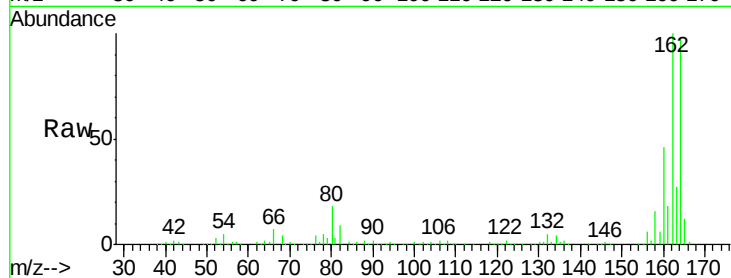
Tgt Ion:164 Resp: 260740

Ion Ratio Lower Upper

164 100

162 101.6 83.3 124.9

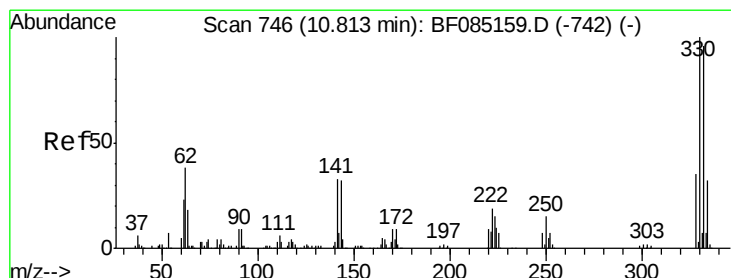
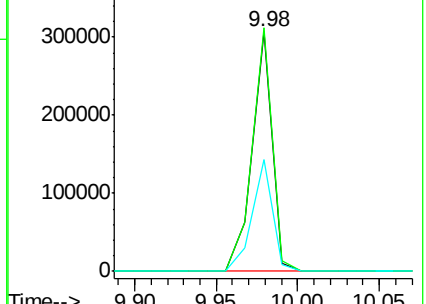
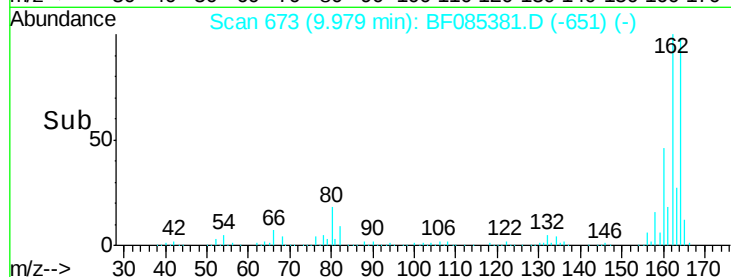
160 46.8 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 144.36 ng

RT: 10.77 min Scan# 742

Delta R.T. -0.05 min

Lab File: BF085381.D

Acq: 11 Mar 2016 19:32

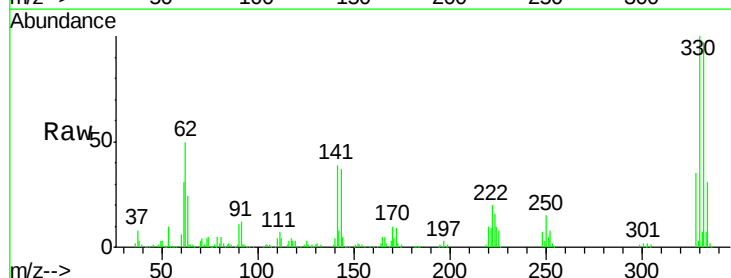
Tgt Ion:330 Resp: 322076

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

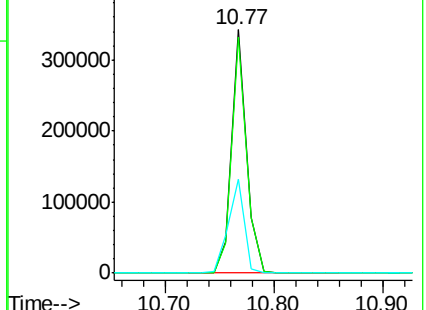
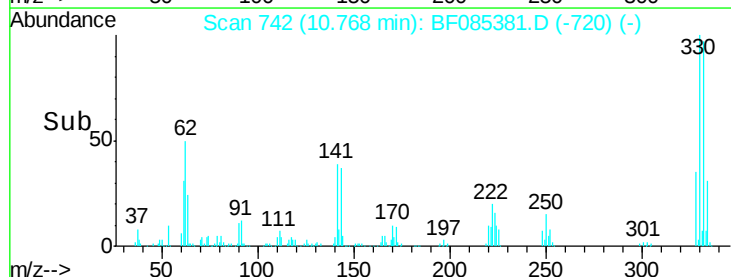
141 41.6 35.0 52.6

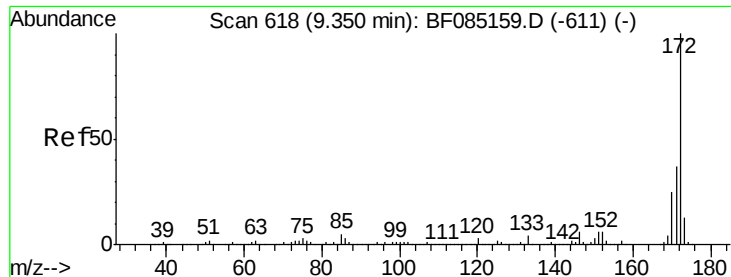


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

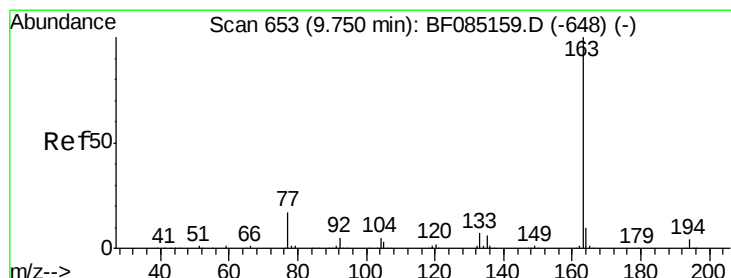
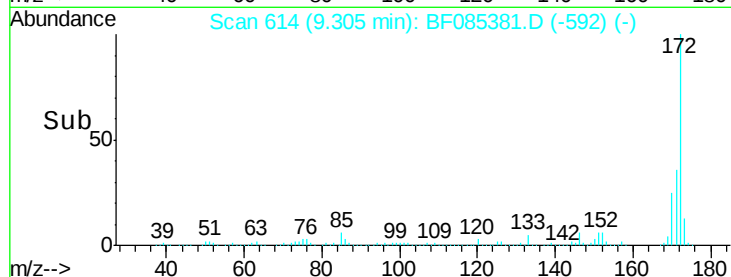
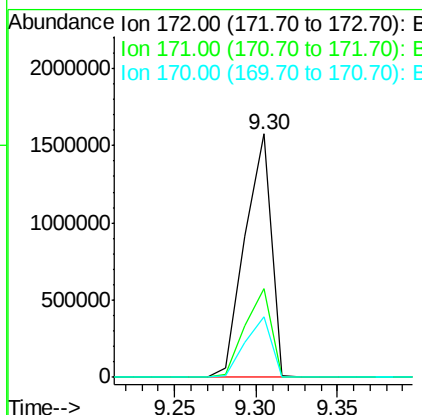
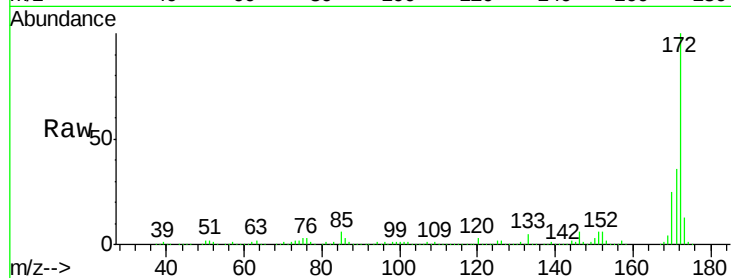




#44
2-Fluorobiphenyl
Concen: 102.50 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085381.D
Acq: 11 Mar 2016 19:32

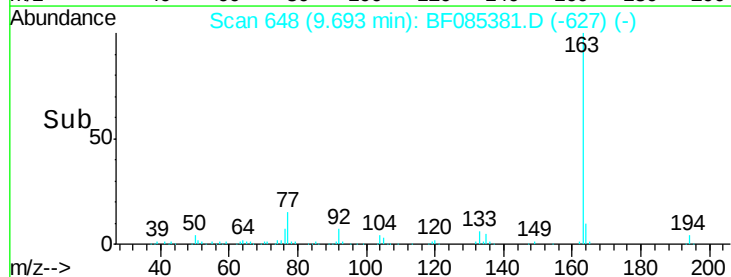
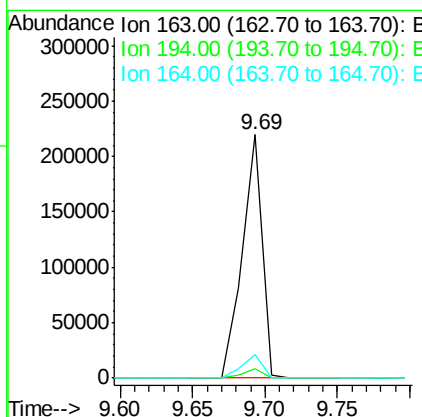
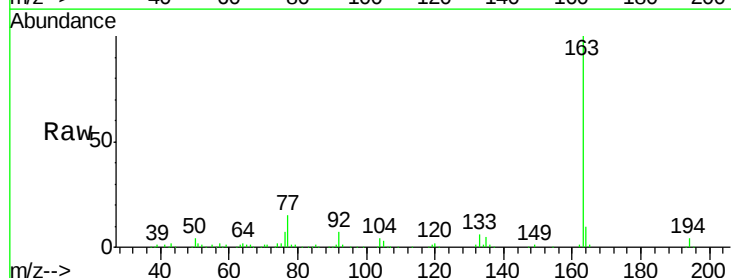
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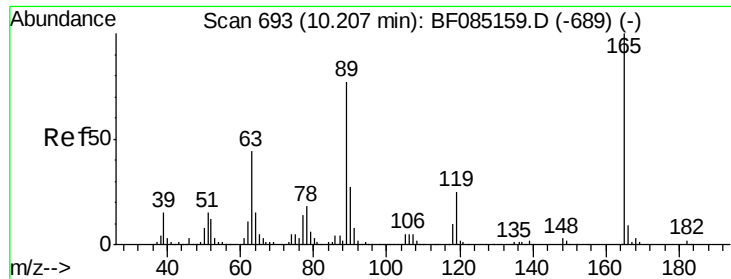
Tgt Ion:172 Resp: 1757272
Ion Ratio Lower Upper
172 100
171 36.3 29.3 43.9
170 25.0 20.0 30.0



#49
Dimethylphthalate
Concen: 10.49 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085381.D
Acq: 11 Mar 2016 19:32

Tgt Ion:163 Resp: 209956
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.8 8.2 12.4

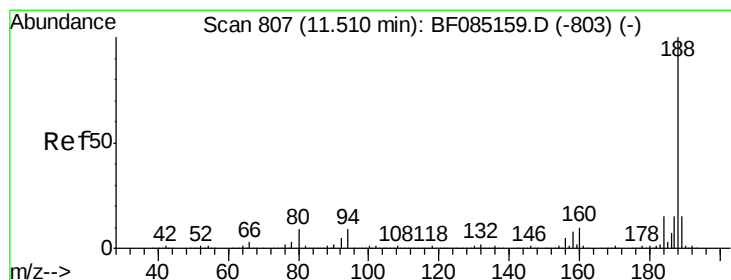
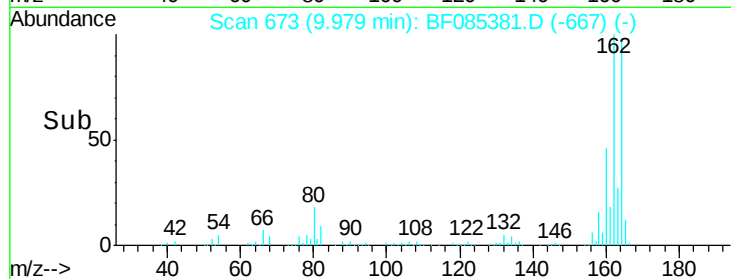
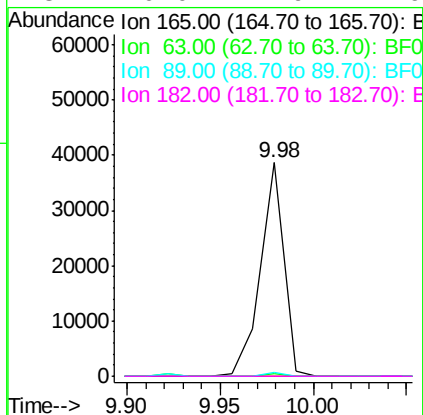
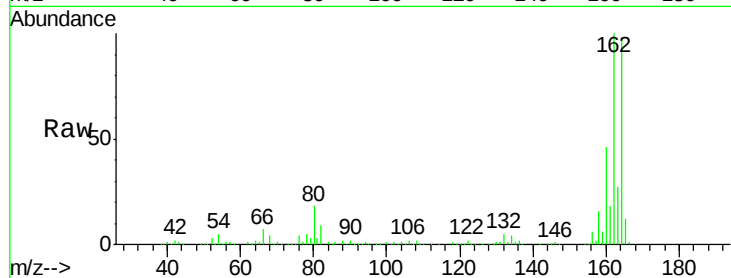




#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.23 min
 Lab File: BF085381.D
 Acq: 11 Mar 2016 19:32

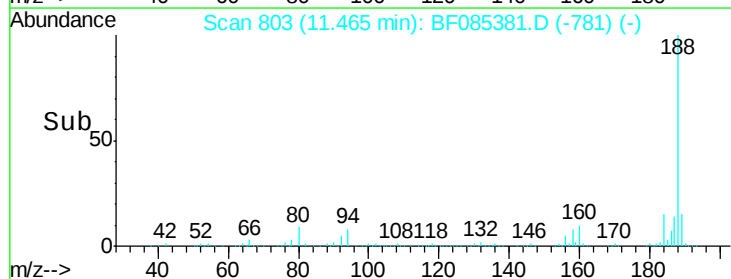
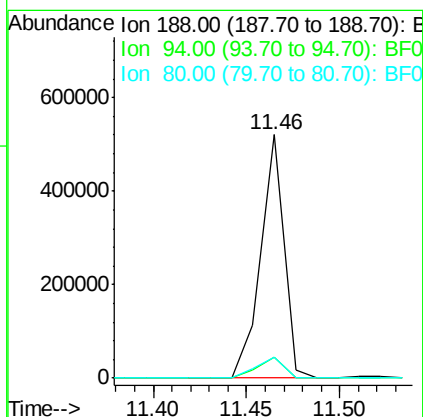
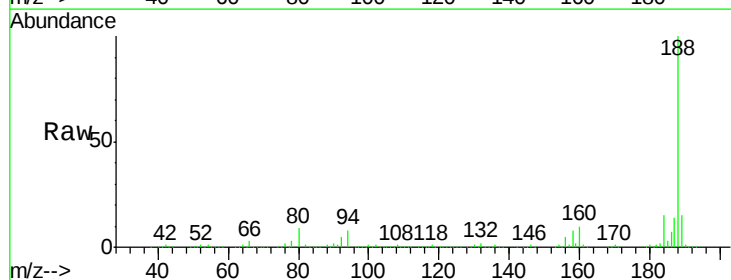
Instrument :
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 TRACK-D-STOCKPICE-COMP1

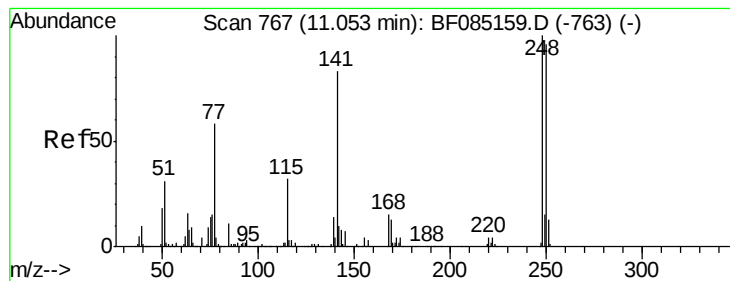
Tgt Ion:	165	Resp:	33296
Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.4	53.0#
89	1.7	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.05 min
 Lab File: BF085381.D
 Acq: 11 Mar 2016 19:32

Tgt Ion:	188	Resp:	447333
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	8.6	7.4	11.0





#66

4-Bromophenyl-phenylether

Concen: 5.18 ng

RT: 10.77 min Scan# 742

Delta R.T. -0.29 min

Lab File: BF085381.D

Acq: 11 Mar 2016 19:32

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP1

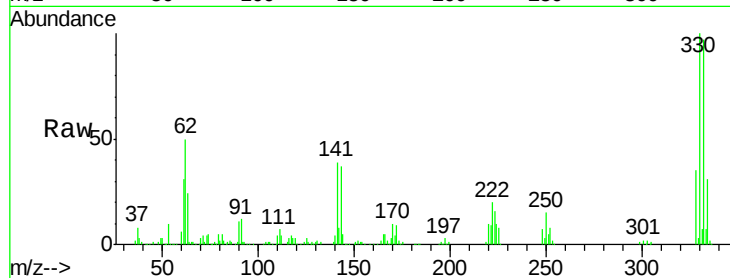
Tgt Ion:248 Resp: 22513

Ion Ratio Lower Upper

248 100

250 210.1 77.1 115.7#

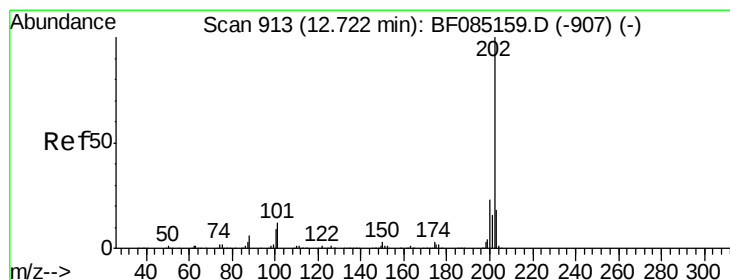
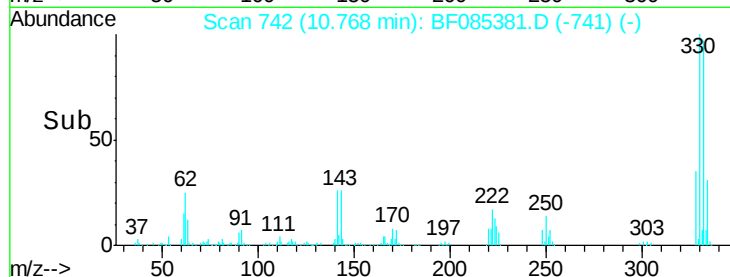
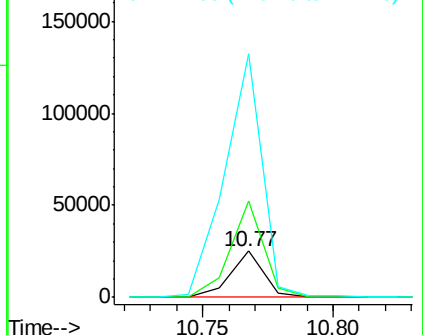
141 530.1 66.2 99.2#



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: 3.68 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085381.D

Acq: 11 Mar 2016 19:32

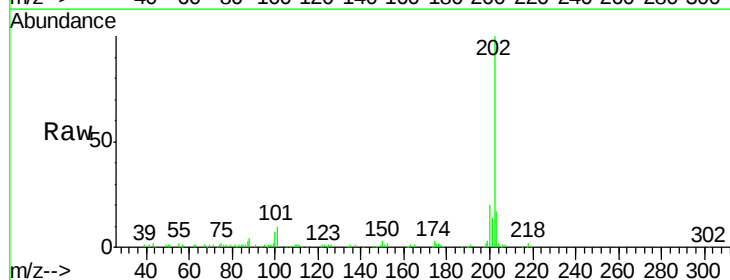
Tgt Ion:202 Resp: 86483

Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.8

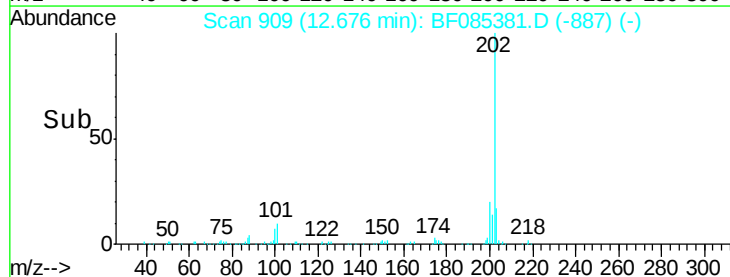
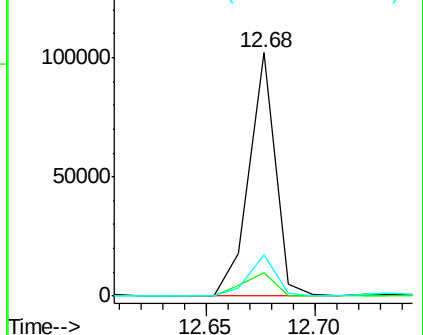
203 17.2 0.0 38.4

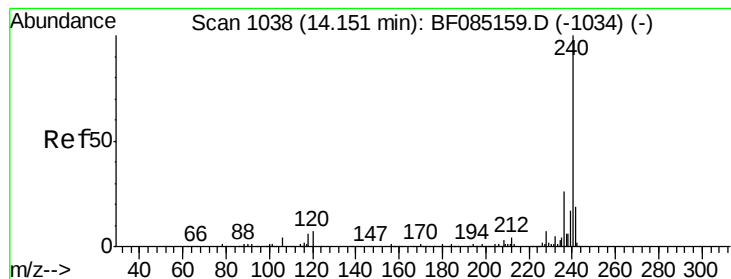


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF085381.D

Acq: 11 Mar 2016 19:32

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP1

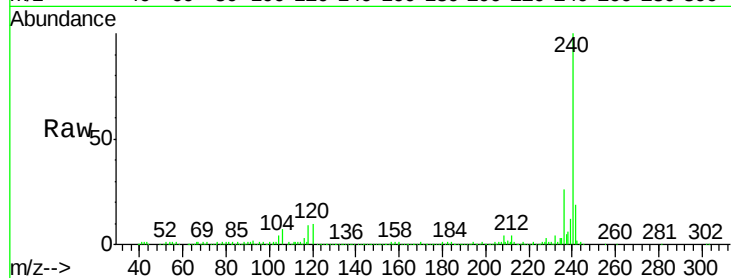
Tgt Ion:240 Resp: 268996

Ion Ratio Lower Upper

240 100

120 10.3 5.3 7.9#

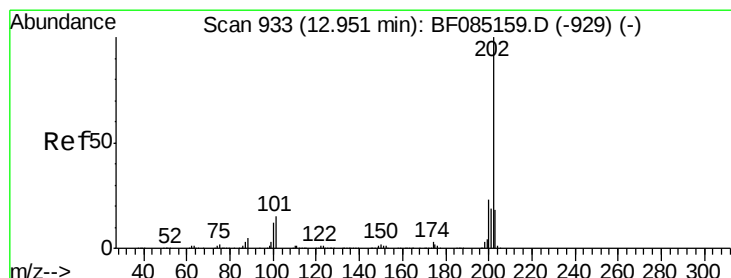
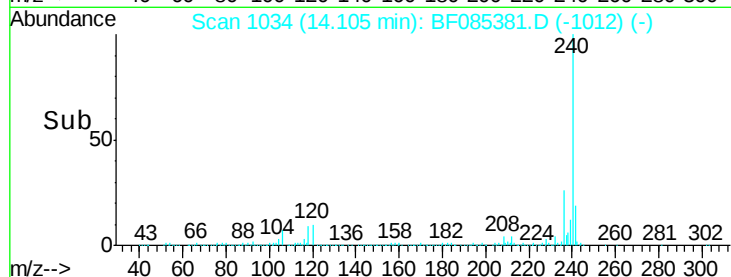
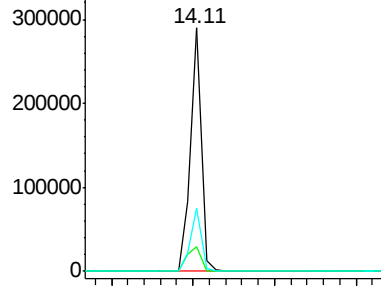
236 25.8 20.7 31.1



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



#77

Pyrene

Concen: 4.09 ng

RT: 12.90 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF085381.D

Acq: 11 Mar 2016 19:32

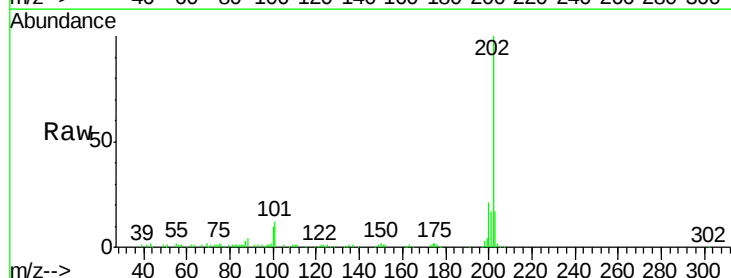
Tgt Ion:202 Resp: 82880

Ion Ratio Lower Upper

202 100

200 21.4 18.2 27.4

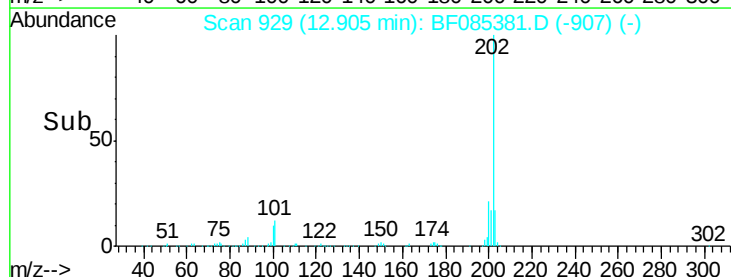
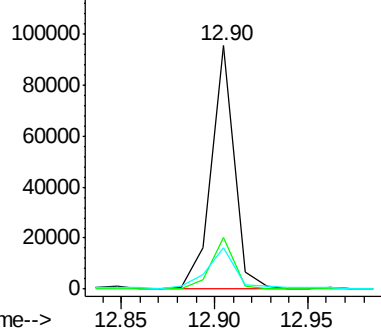
203 17.2 14.7 22.1

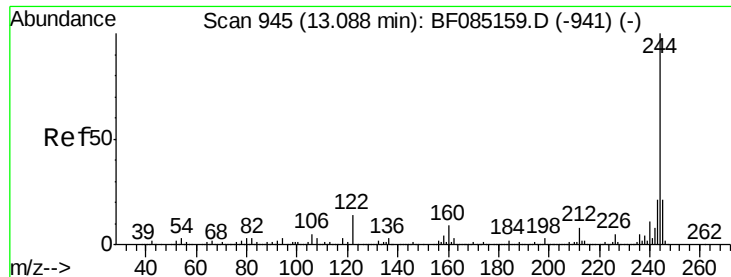


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

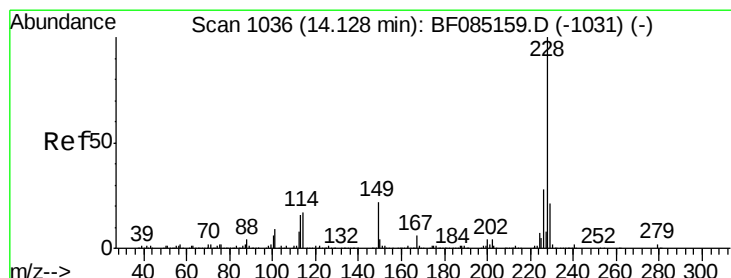
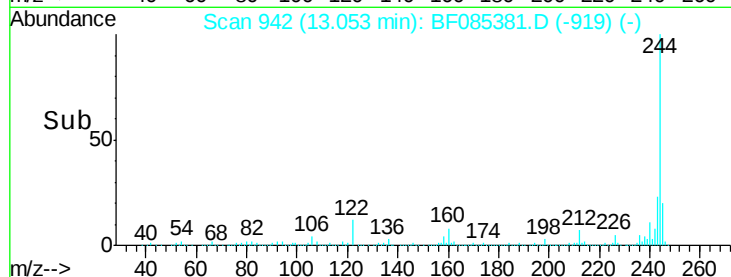
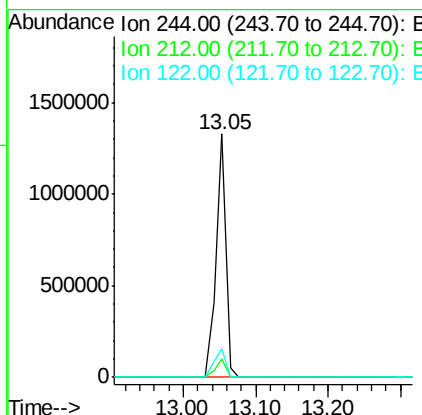
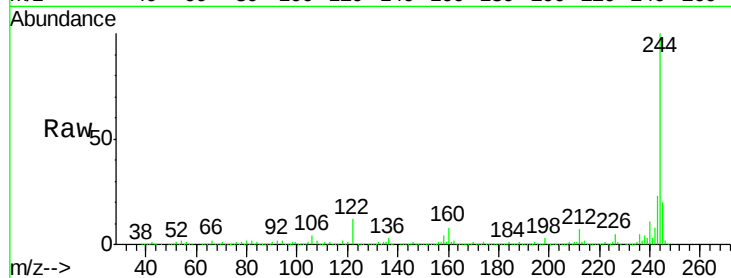




#78
 Terphenyl-d14
 Concen: 106.62 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF085381.D
 Acq: 11 Mar 2016 19:32

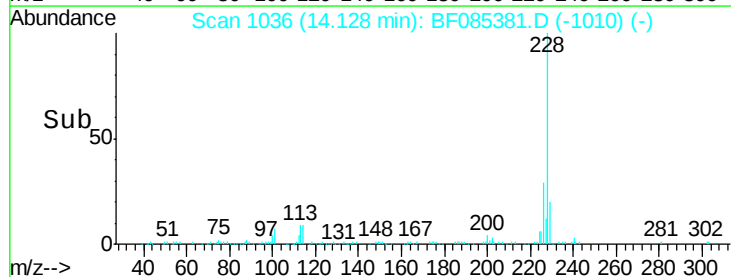
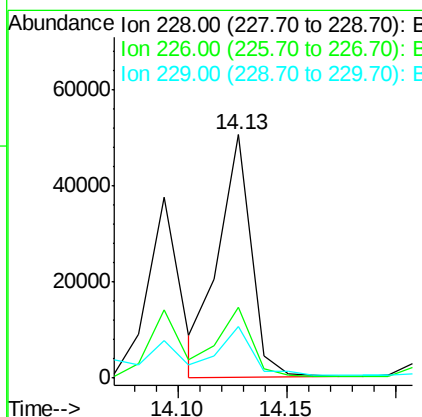
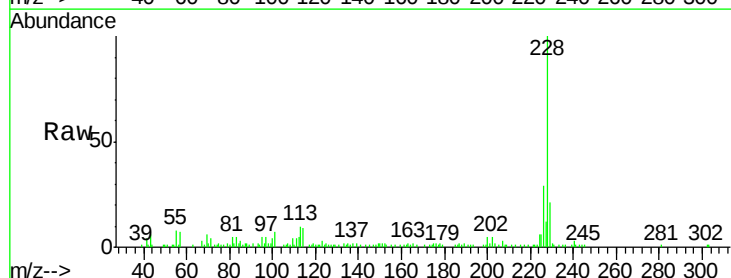
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP1

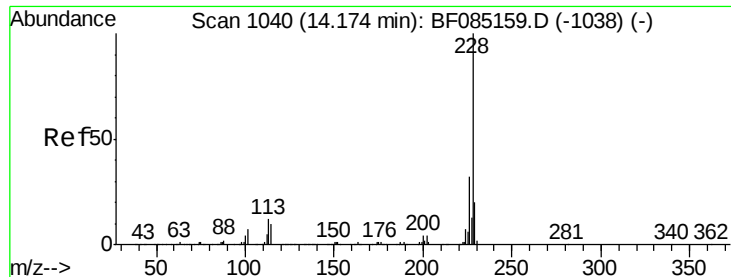
Tgt Ion:244 Resp: 1235425
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 11.8 11.4 17.2



#80
 Benzo(a)anthracene
 Concen: 3.24 ng
 RT: 14.13 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF085381.D
 Acq: 11 Mar 2016 19:32

Tgt Ion:228 Resp: 52193
 Ion Ratio Lower Upper
 228 100
 226 29.2 22.8 34.2
 229 21.1 16.6 24.8





#82

Chrysene

Concen: 3.51 ng

RT: 14.13 min Scan# 1036

Delta R.T. -0.05 min

Lab File: BF085381.D

Acq: 11 Mar 2016 19:32

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP1

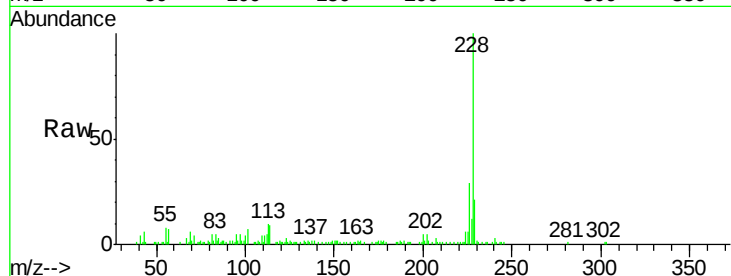
Tgt Ion:228 Resp: 52193

Ion Ratio Lower Upper

228 100

226 29.2 25.2 37.8

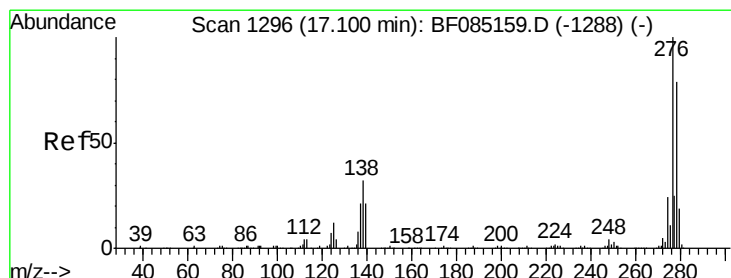
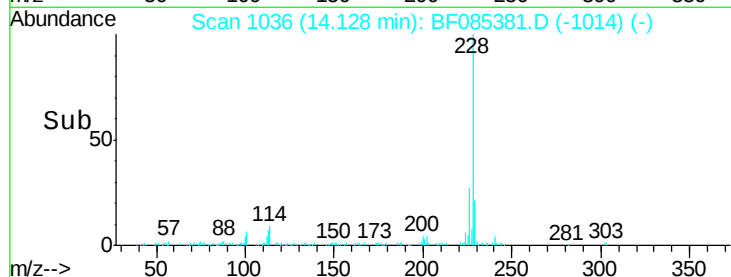
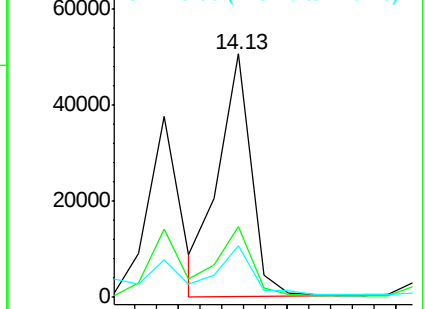
229 21.1 16.0 24.0



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: 3.30 ng

RT: 17.02 min Scan# 1289

Delta R.T. -0.08 min

Lab File: BF085381.D

Acq: 11 Mar 2016 19:32

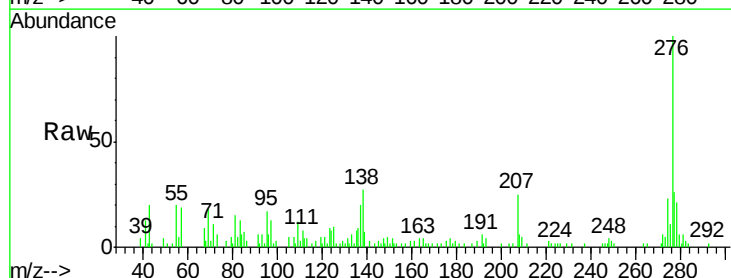
Tgt Ion:276 Resp: 38362

Ion Ratio Lower Upper

276 100

138 35.8 26.4 39.6

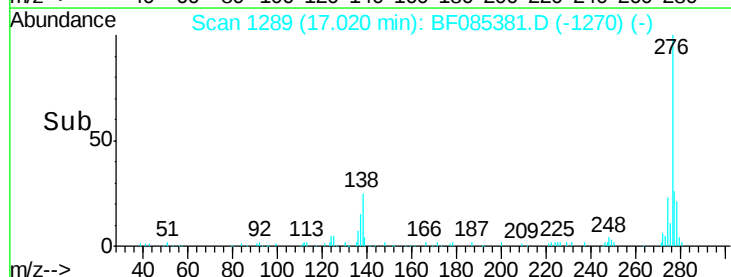
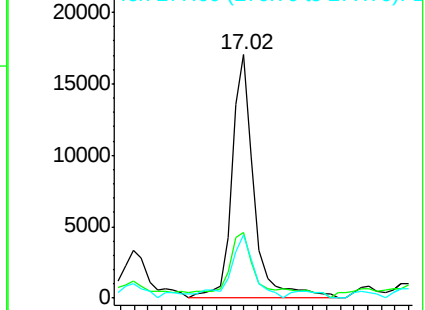
277 27.9 20.2 30.2

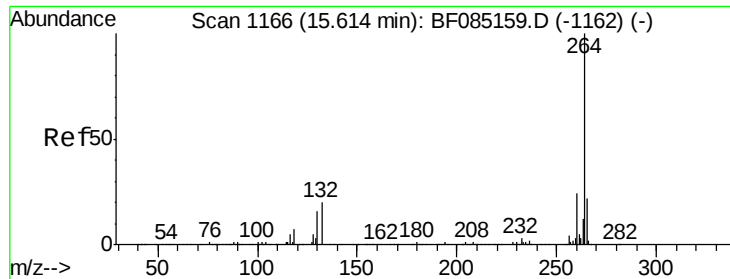


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



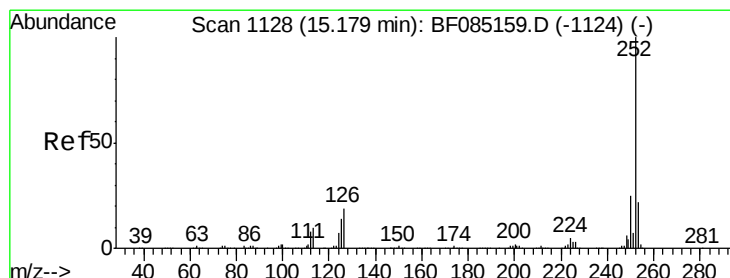
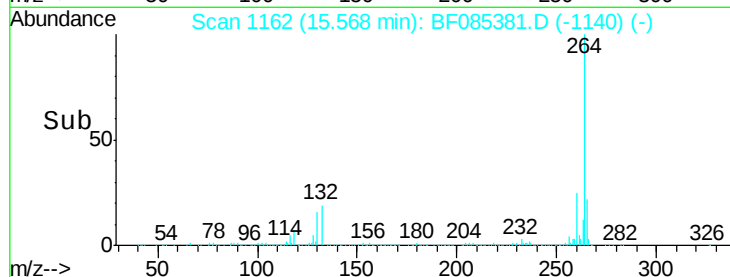
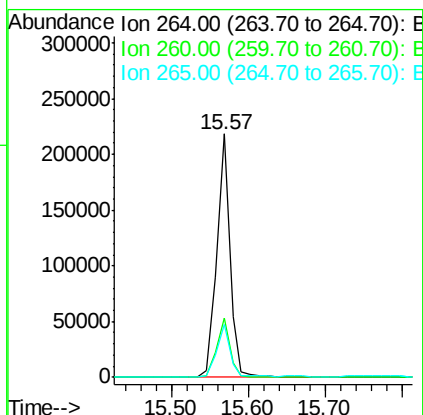
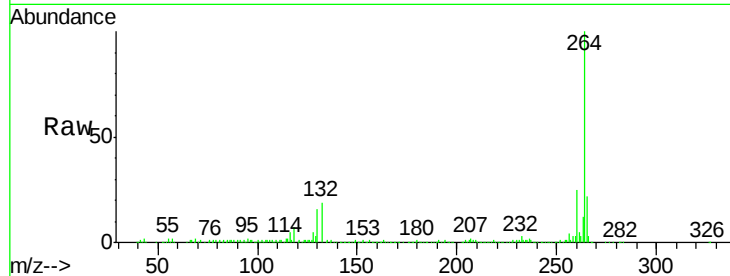


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085381.D
Acq: 11 Mar 2016 19:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP1

Tgt Ion: 264 Resp: 262389

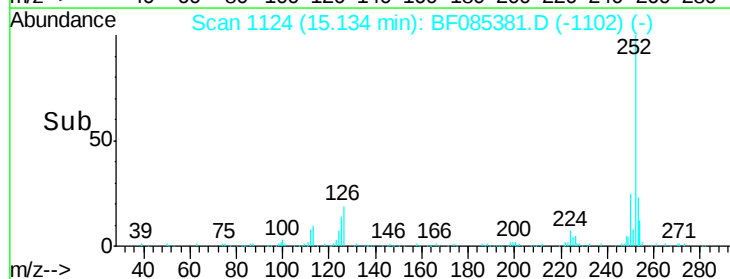
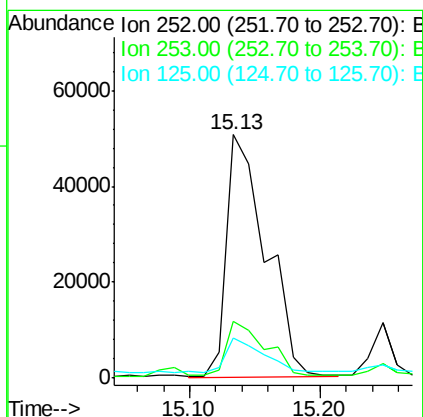
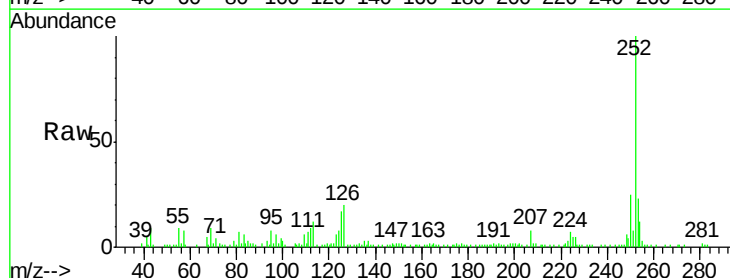
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.8	17.3	25.9

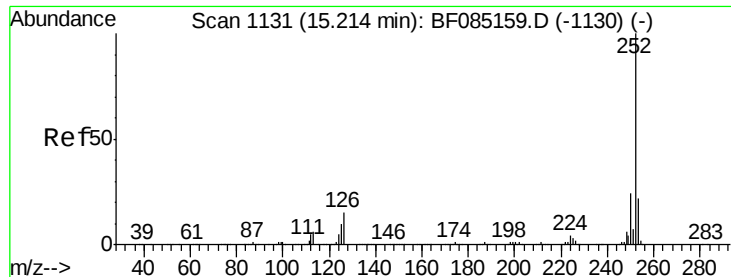


#87
Benzo(b)fluoranthene
Concen: 6.13 ng
RT: 15.13 min Scan# 1124
Delta R.T. -0.05 min
Lab File: BF085381.D
Acq: 11 Mar 2016 19:32

Tgt Ion: 252 Resp: 107163

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	16.7	11.3	16.9

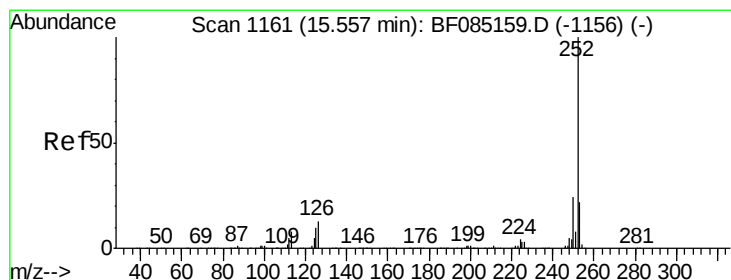
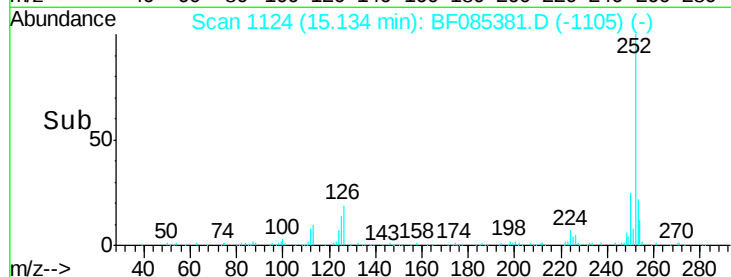
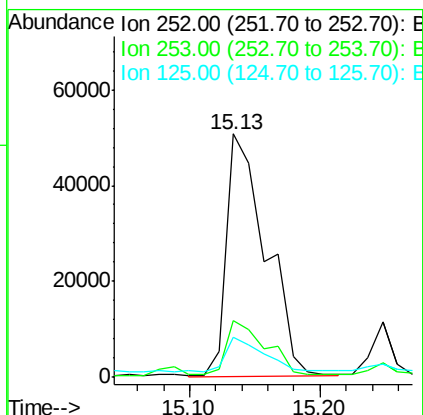
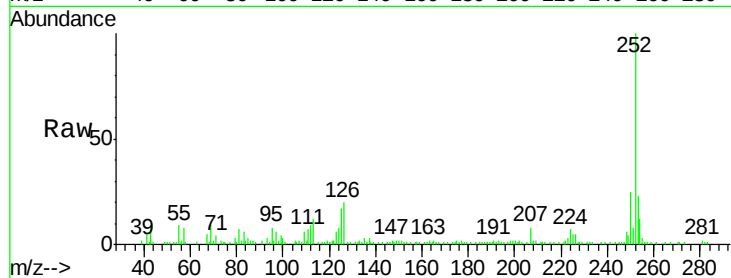




#88
Benzo(k)fluoranthene
Concen: 7.60 ng
RT: 15.13 min Scan# 1124
Delta R.T. -0.08 min
Lab File: BF085381.D
Acq: 11 Mar 2016 19:32

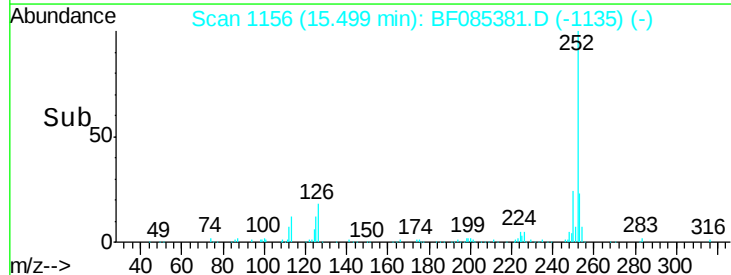
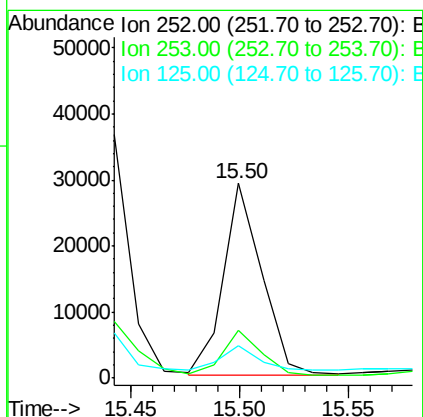
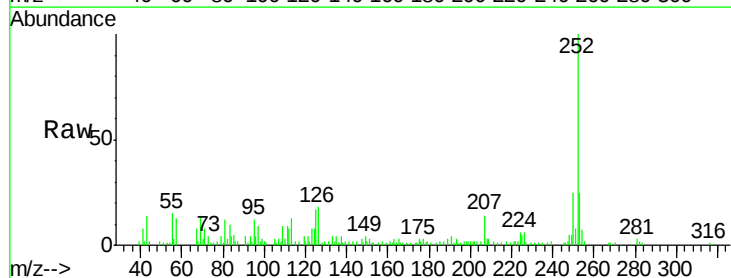
Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP1

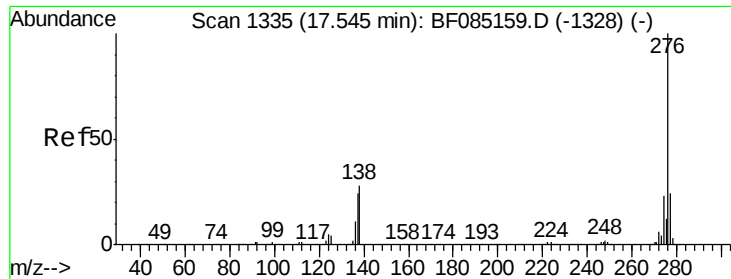
Tgt Ion:252 Resp: 107163
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 16.7 10.4 15.6#



#89
Benzo(a)pyrene
Concen: 2.47 ng
RT: 15.50 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF085381.D
Acq: 11 Mar 2016 19:32

Tgt Ion:252 Resp: 35822
Ion Ratio Lower Upper
252 100
253 24.8 17.4 26.0
125 16.8 8.2 12.4#





#91
 Benzo(g,h,i)perylene
 Concen: 2.72 ng
 RT: 17.45 min Scan# 1327
 Delta R.T. -0.09 min
 Lab File: BF085381.D
 Acq: 11 Mar 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP1

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	29.4	22.5	33.7

