

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090028.D
 Acq On : 8 Sep 2016 16:57
 Operator : UM/SJ
 Sample : H4704-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP57

Quant Time: Sep 09 04:35:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	194457	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	808940	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	393465	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	727622	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	511297	20.00	ng	-0.01
86) Perylene-d12	15.05	264	449465	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	1125271	92.62	ng	0.01
7) Phenol-d6	6.25	99	1547514	104.83	ng	0.00
23) Nitrobenzene-d5	7.16	82	818781	58.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	342156	88.14	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	1742284	72.69	ng	0.00
78) Terphenyl-d14	12.69	244	1325123	64.02	ng	0.00

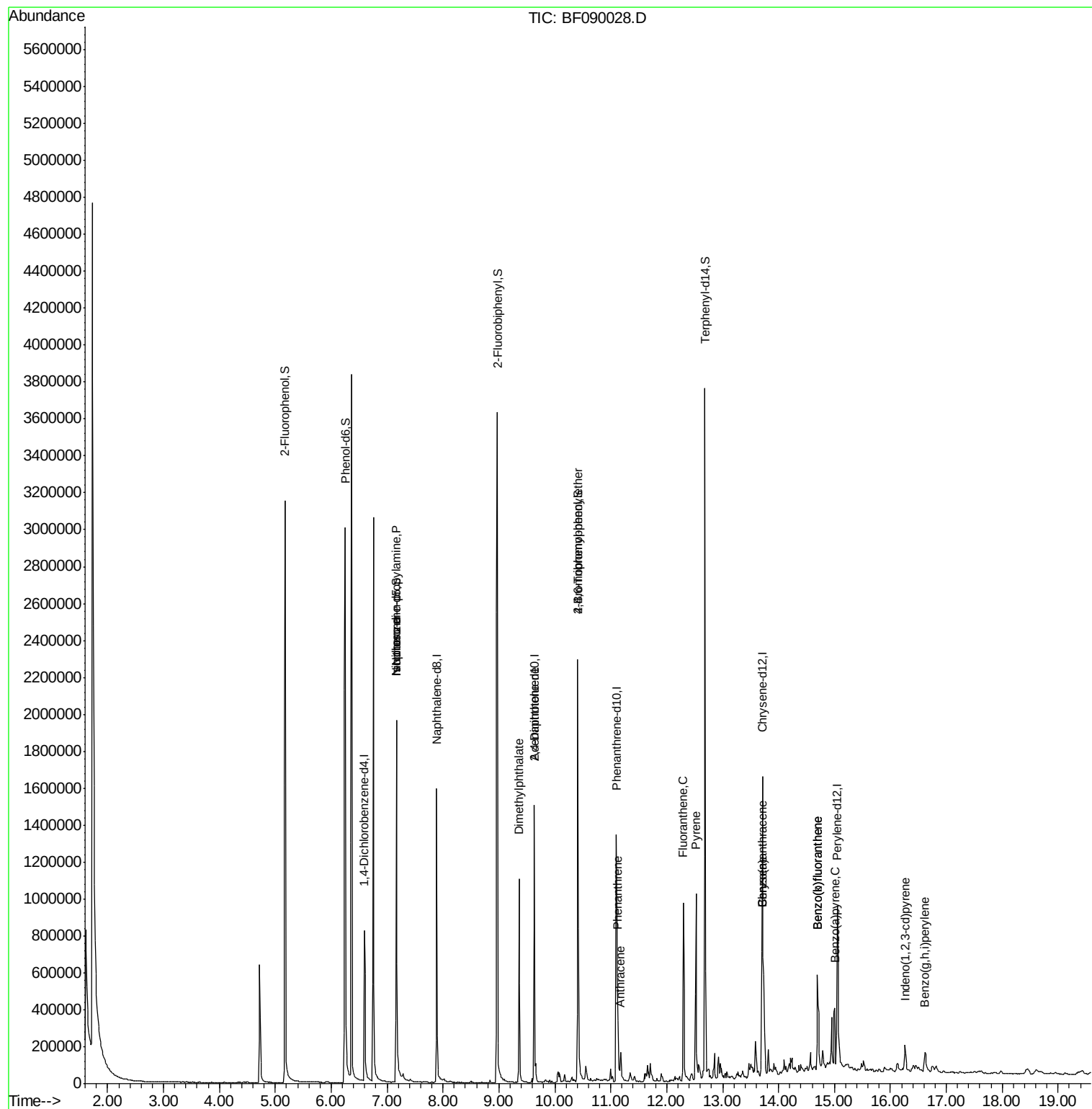
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.16	70	104437	10.86	ng	# 83
25) Isophorone	7.16	82	741367	26.14	ng	# 65
49) Dimethylphthalate	9.36	163	596912	20.99	ng	100
56) 2,4-Dinitrotoluene	9.63	165	48668	6.07	ng	# 29
66) 4-Bromophenyl-phenylether	10.41	248	21482	2.93	ng	# 1
70) Phenanthrene	11.12	178	249601	6.89	ng	97
71) Anthracene	11.18	178	83947	2.28	ng	98
74) Fluoranthene	12.30	202	526960	13.88	ng	94
77) Pyrene	12.53	202	468789	13.00	ng	99
80) Benzo(a)anthracene	13.70	228	276316	8.82	ng	98
82) Chrysene	13.70	228	276316	9.45	ng	95
85) Indeno(1,2,3-cd)pyrene	16.26	276	106540	4.93	ng	98
87) Benzo(b)fluoranthene	14.70	252	387167	13.75	ng	# 96
88) Benzo(k)fluoranthene	14.70	252	387167	16.20	ng	# 97
89) Benzo(a)pyrene	15.01	252	202609	8.40	ng	98
91) Benzo(g,h,i)perylene	16.62	276	94001	5.28	ng	# 94

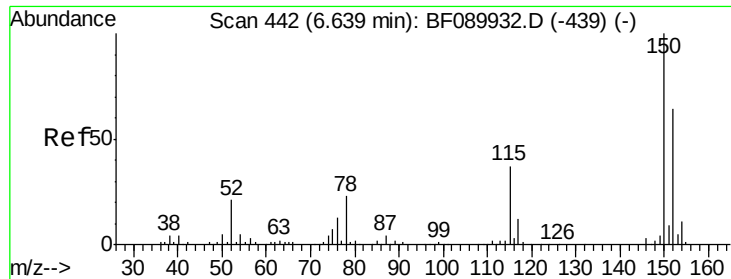
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090028.D
Acq On : 8 Sep 2016 16:57
Operator : UM/SJ
Sample : H4704-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP57

Quant Time: Sep 09 04:35:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

Instrument :

BNA_F

ClientSampleId :

DFTPP57

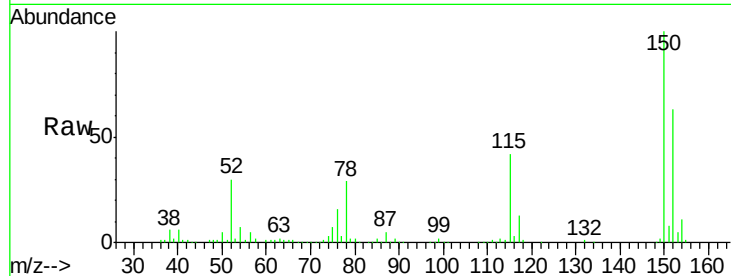
Tgt Ion:152 Resp: 194457

Ion Ratio Lower Upper

152 100

150 159.8 127.4 191.2

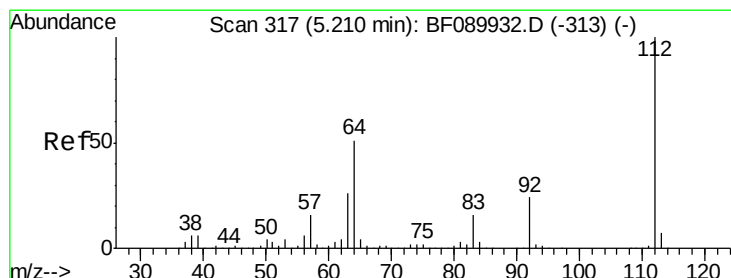
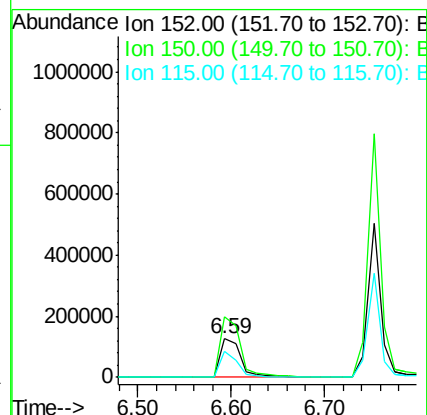
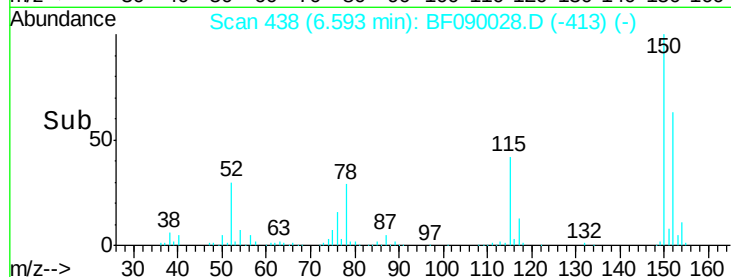
115 67.5 46.3 69.5



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: 92.62 ng

RT: 5.18 min Scan# 314

Delta R.T. 0.01 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

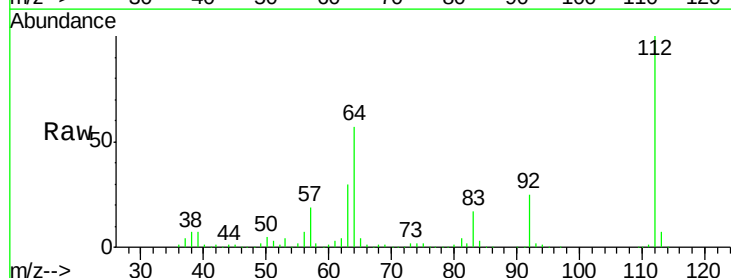
Tgt Ion:112 Resp: 1125271

Ion Ratio Lower Upper

112 100

64 57.3 41.1 61.7

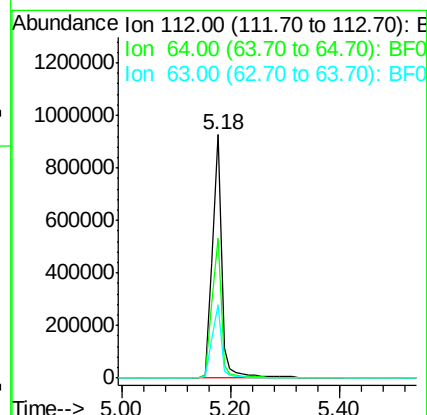
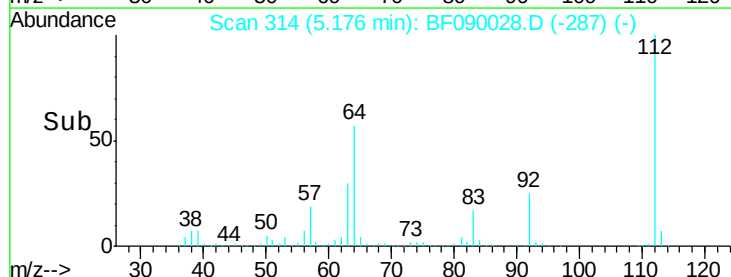
63 30.0 21.2 31.8

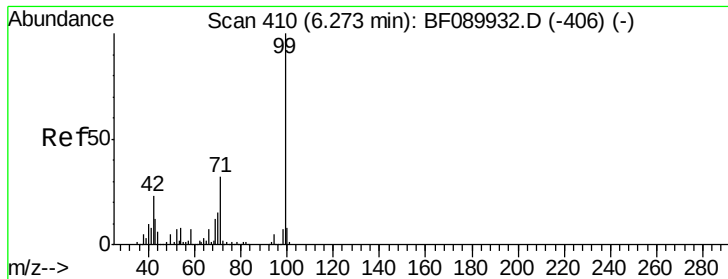


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.83 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

Instrument :

BNA_F

ClientSampleId :

DFTPP57

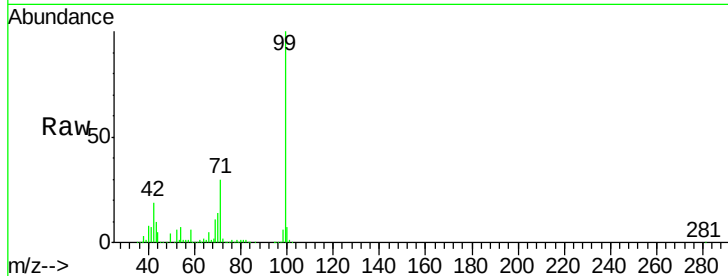
Tgt Ion: 99 Resp: 1547514

Ion Ratio Lower Upper

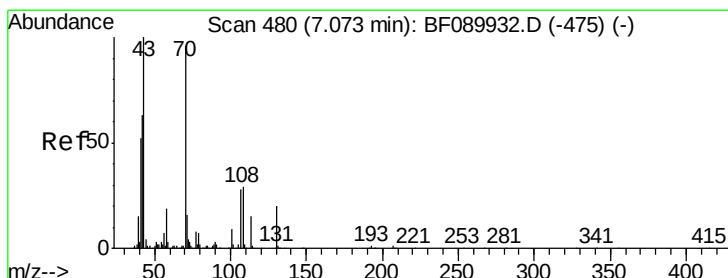
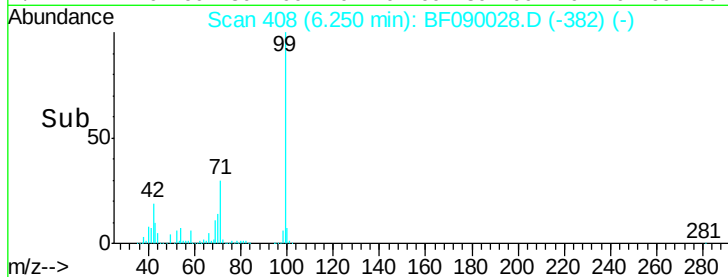
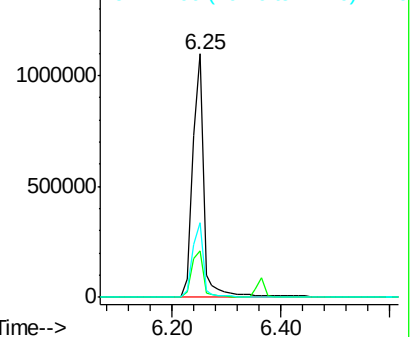
99 100

42 19.3 18.6 27.8

71 30.5 25.8 38.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.86 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

Tgt Ion: 70 Resp: 104437

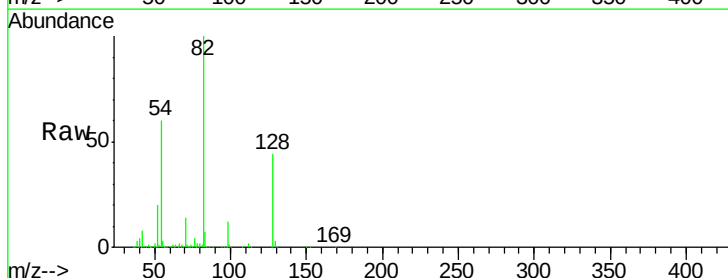
Ion Ratio Lower Upper

70 100

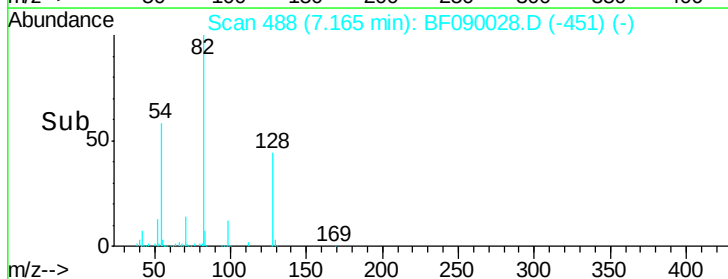
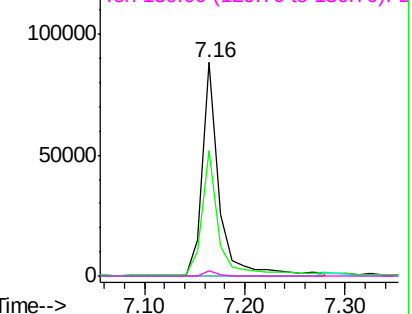
42 58.7 52.1 78.1

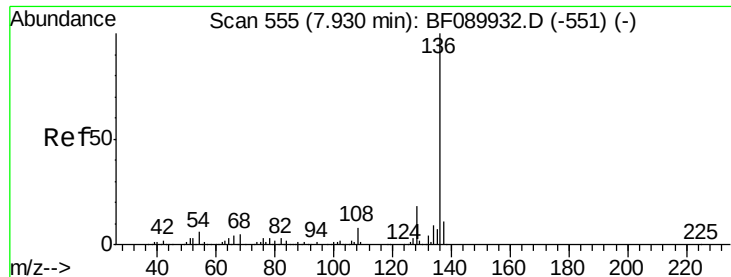
101 0.0 7.4 11.2#

130 2.1 17.0 25.4#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

Instrument :

BNA_F

ClientSampleId :

DFTPP57

Tgt Ion:136 Resp: 808940

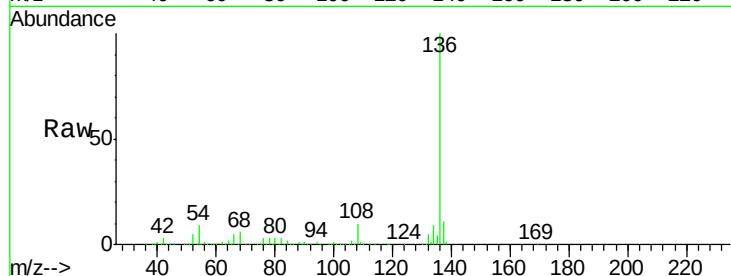
Ion Ratio Lower Upper

136 100

137 11.0 8.3 12.5

54 9.2 4.8 7.2#

68 6.1 3.7 5.5#

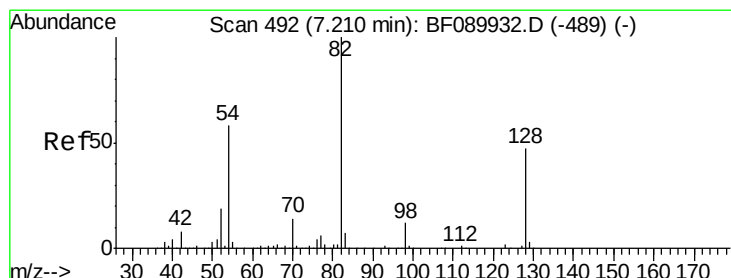
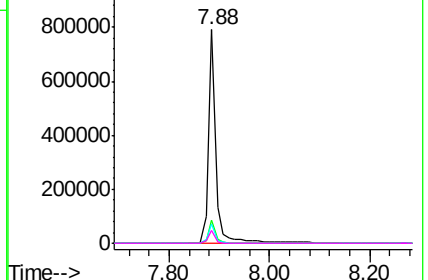
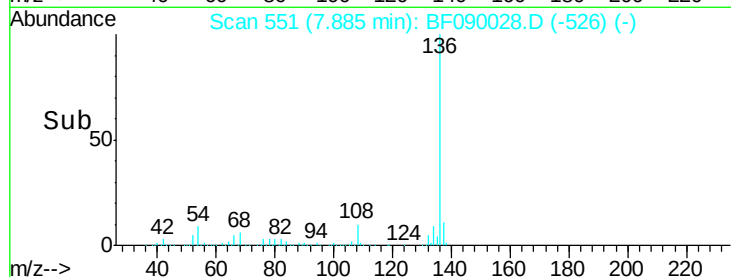


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 58.70 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

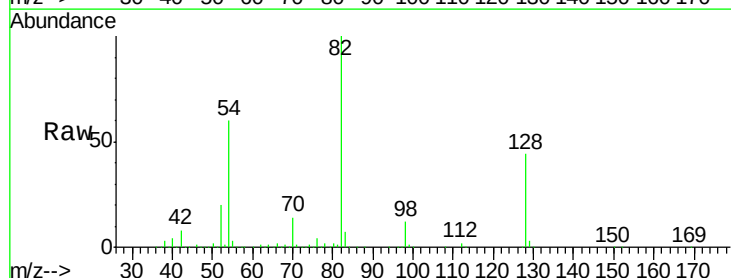
Tgt Ion: 82 Resp: 818781

Ion Ratio Lower Upper

82 100

128 44.2 37.8 56.8

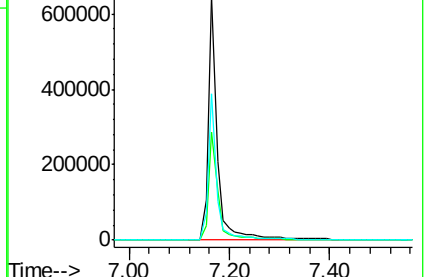
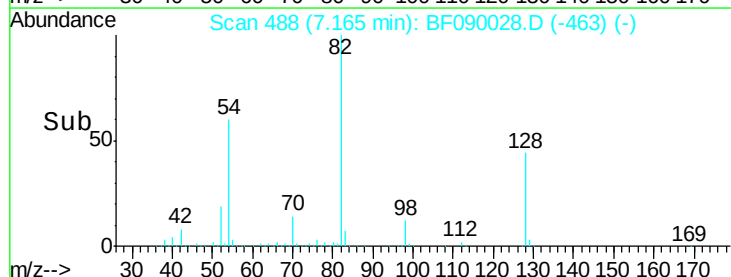
54 60.1 46.9 70.3

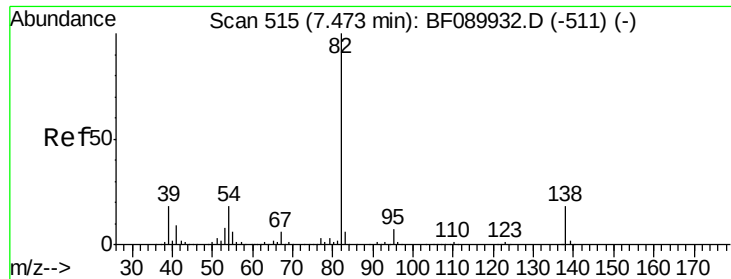


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 26.14 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.27 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

Instrument :

BNA_F

ClientSampleId :

DFTPP57

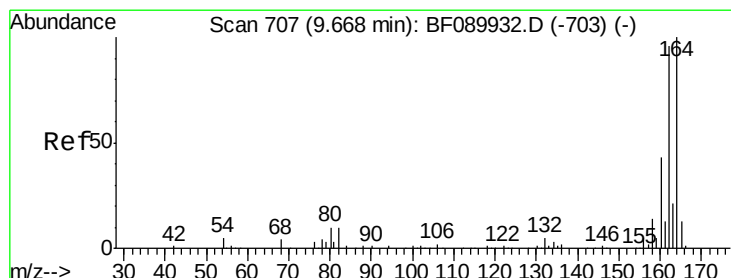
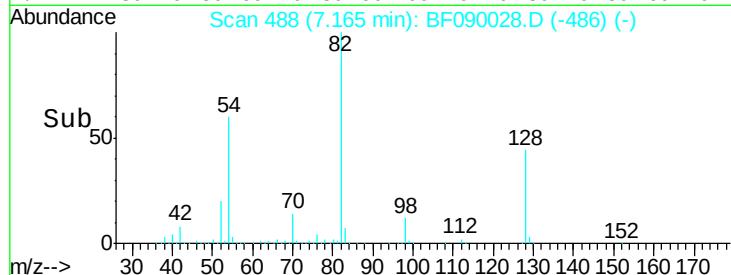
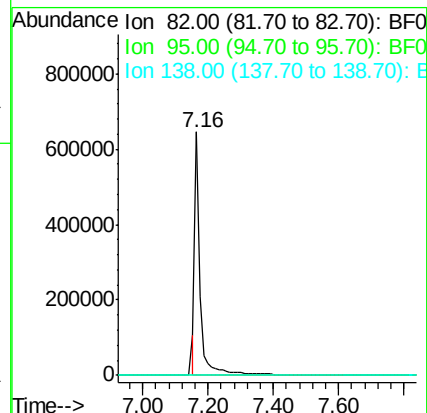
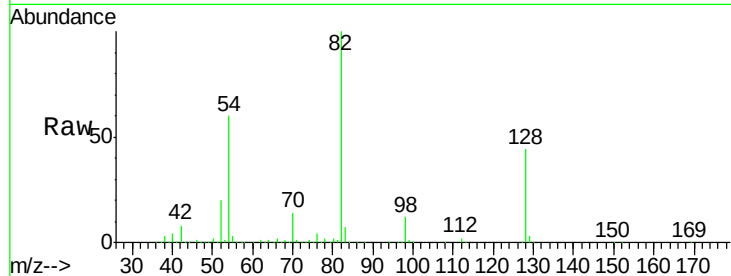
Tgt Ion: 82 Resp: 741367

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 14.4 21.6#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

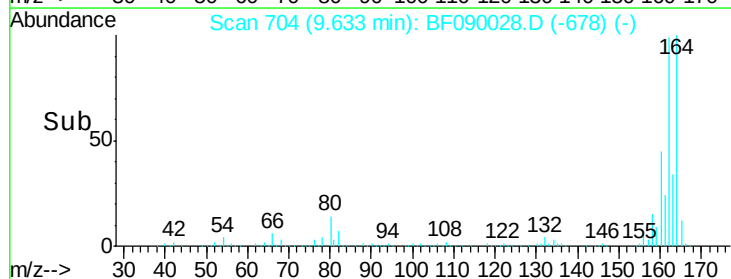
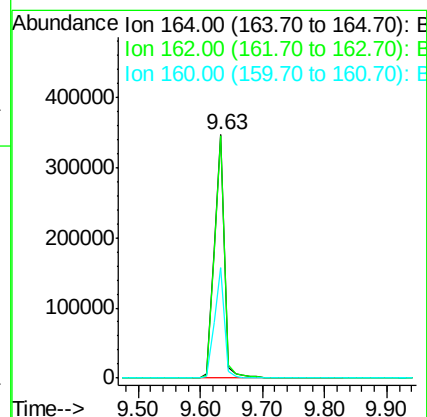
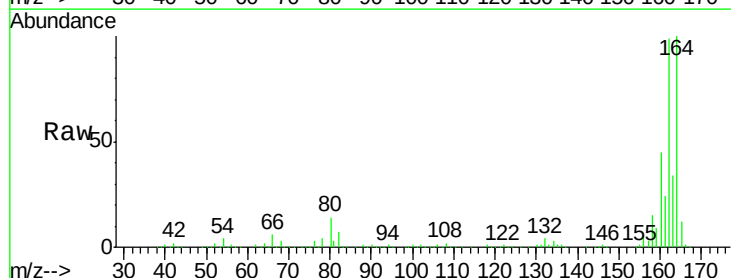
Tgt Ion: 164 Resp: 393465

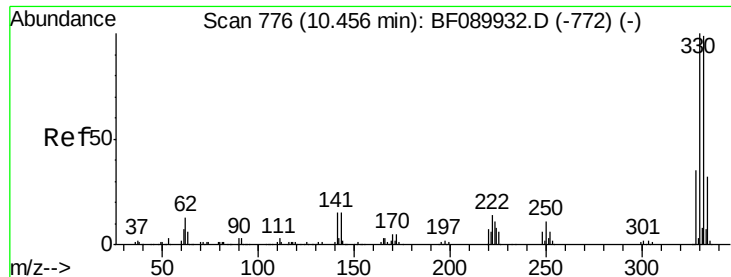
Ion Ratio Lower Upper

164 100

162 99.5 77.1 115.7

160 45.2 35.3 52.9

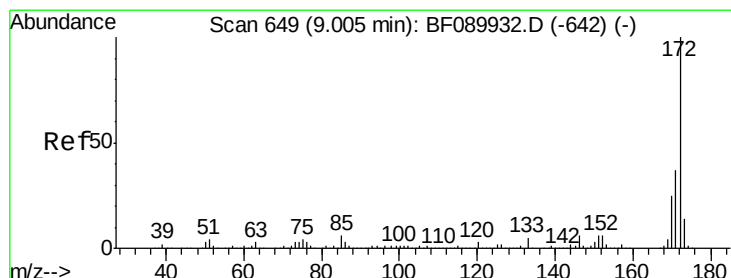
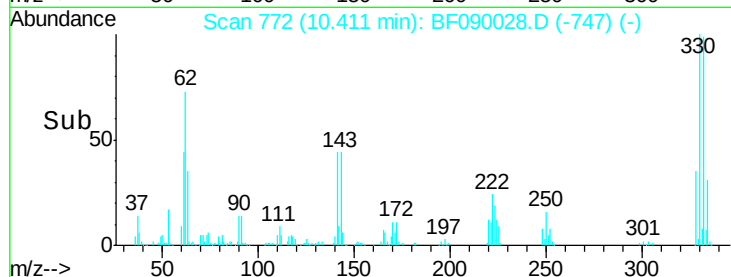
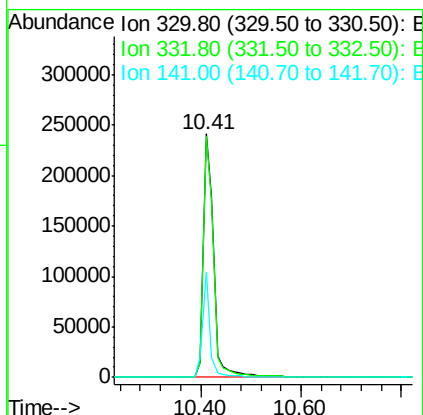
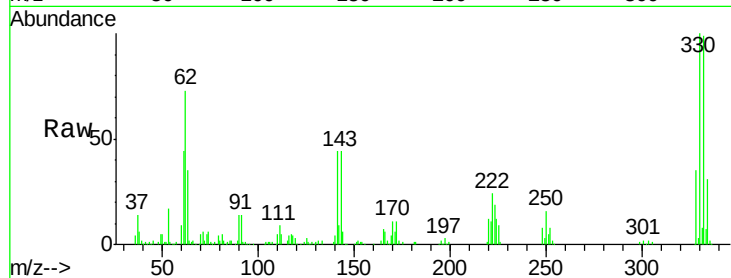




#41
 2,4,6-Tribromophenol
 Concen: 88.14 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF090028.D
 Acq: 8 Sep 2016 16:57

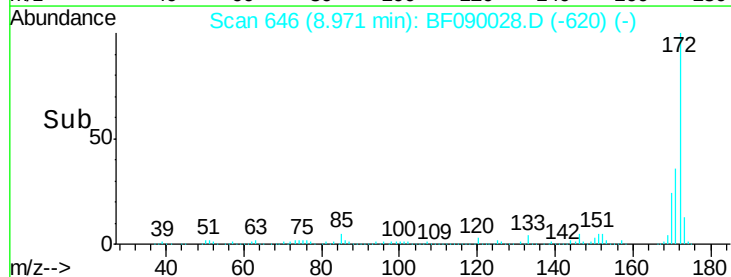
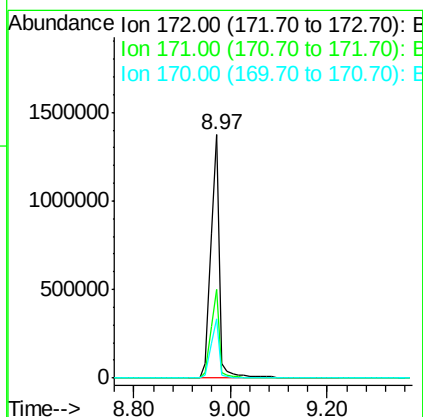
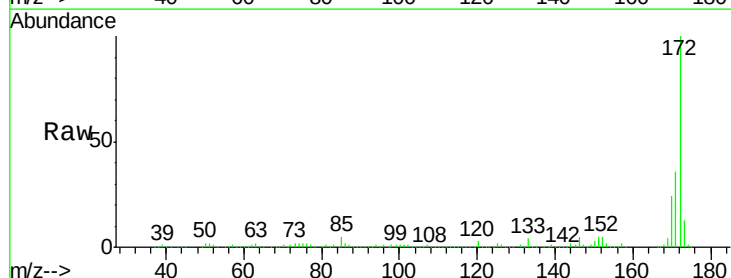
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP57

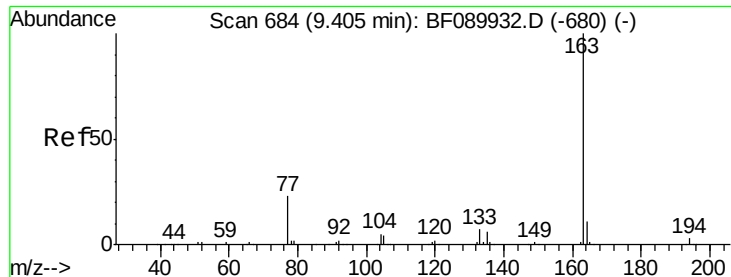
Tgt Ion:330 Resp: 342156
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.6 117.8
 141 32.5 23.3 34.9



#44
 2-Fluorobiphenyl
 Concen: 72.69 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF090028.D
 Acq: 8 Sep 2016 16:57

Tgt Ion:172 Resp: 1742284
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.2
 170 24.4 20.1 30.1

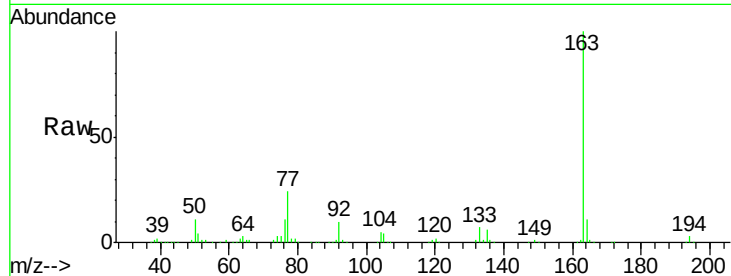




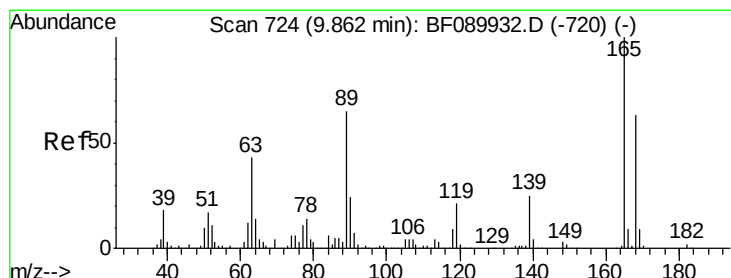
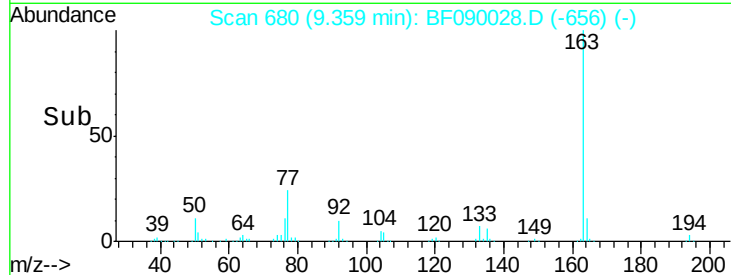
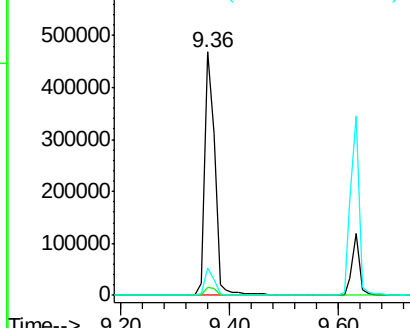
#49
Dimethylphthalate
Concen: 20.99 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF090028.D
Acq: 8 Sep 2016 16:57

Instrument :
BNA_F
ClientSampleId :
DFTPP57

Tgt Ion:163 Resp: 596912
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 11.1 9.0 13.4

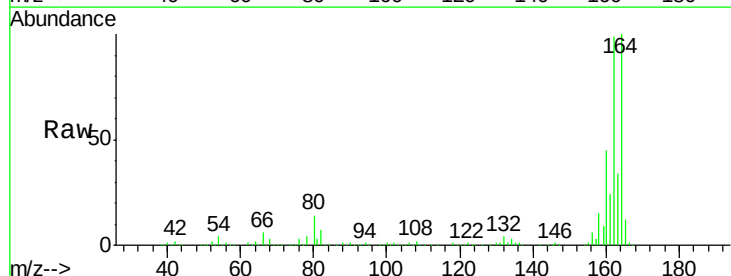


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

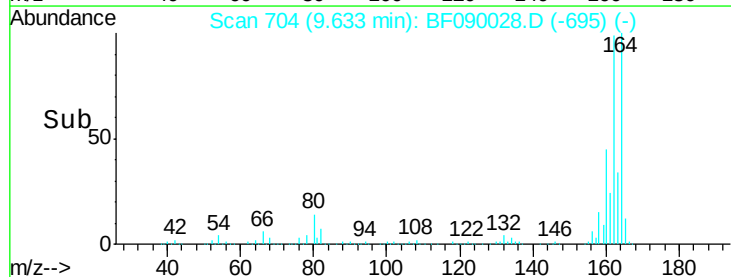
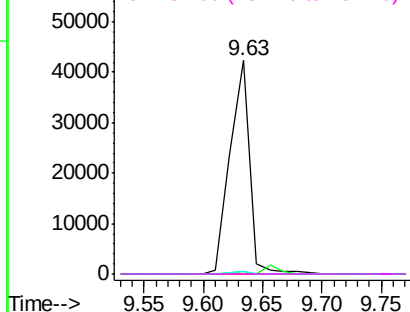


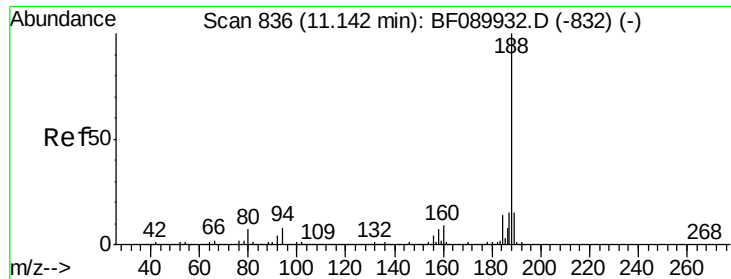
#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.19 min
Lab File: BF090028.D
Acq: 8 Sep 2016 16:57

Tgt Ion:165 Resp: 48668
Ion Ratio Lower Upper
165 100
63 1.3 32.5 48.7#
89 1.1 48.3 72.5#
182 0.0 1.7 2.5#



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

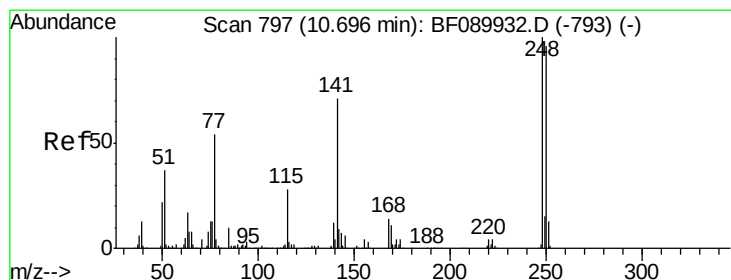
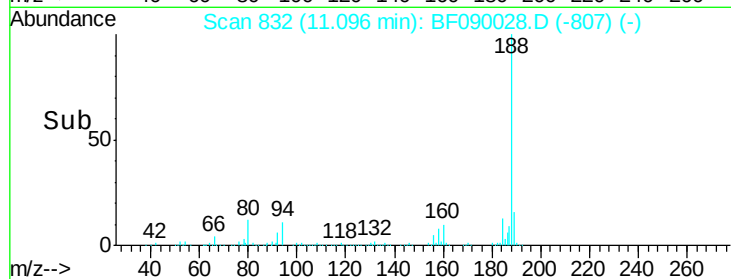
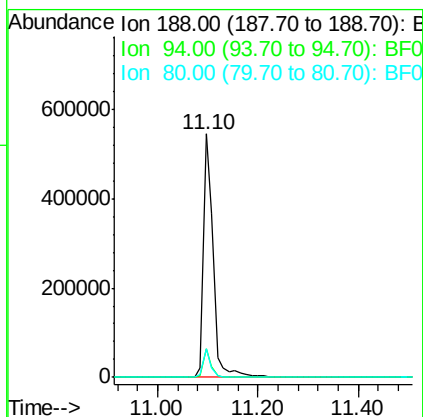
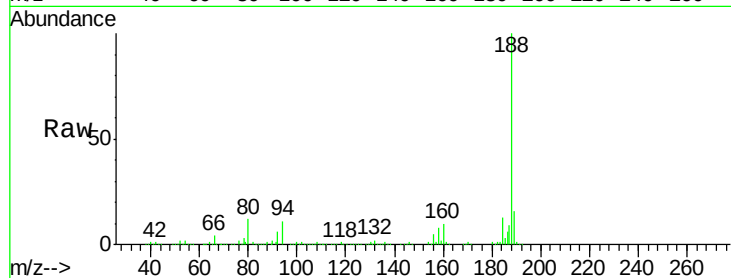




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF090028.D
Acq: 8 Sep 2016 16:57

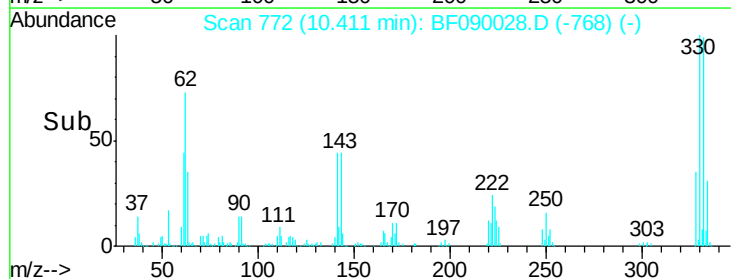
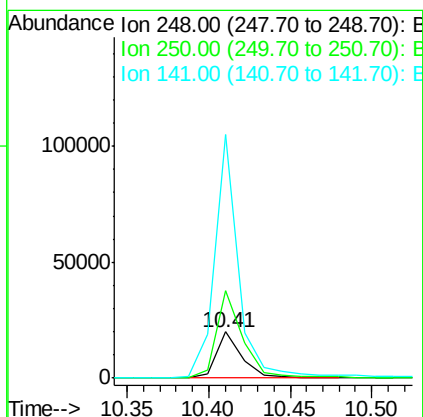
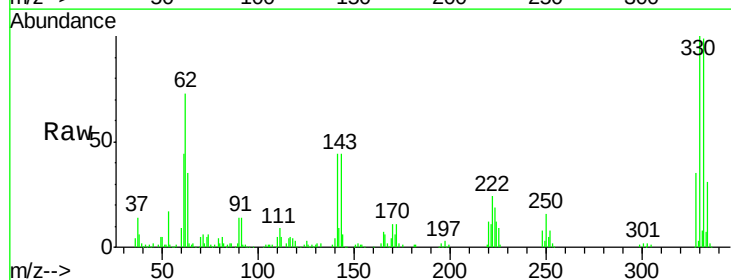
Instrument :
BNA_F
ClientSampleId :
DFTPP57

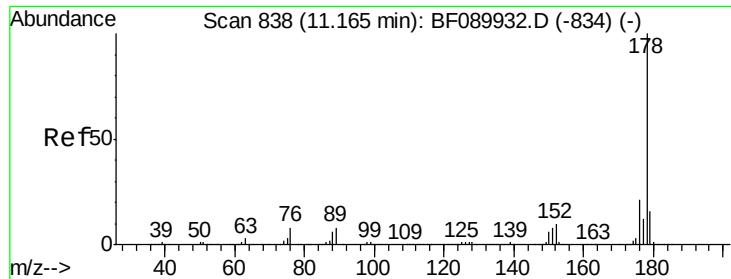
Tgt Ion:188 Resp: 727622
Ion Ratio Lower Upper
188 100
94 11.5 5.9 8.9#
80 11.7 5.8 8.8#



#66
4-Bromophenyl-phenylether
Concen: 2.93 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.25 min
Lab File: BF090028.D
Acq: 8 Sep 2016 16:57

Tgt Ion:248 Resp: 21482
Ion Ratio Lower Upper
248 100
250 190.4 77.3 115.9#
141 527.2 55.8 83.8#

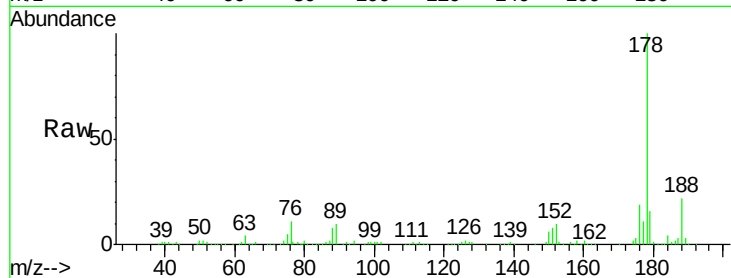




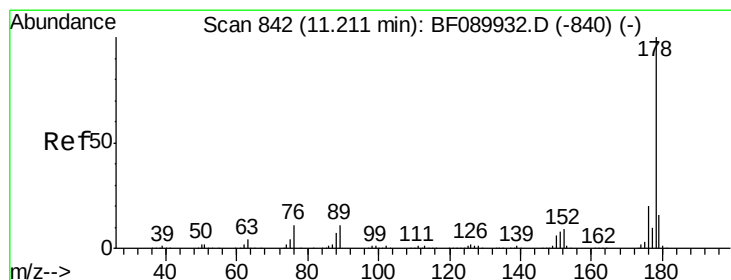
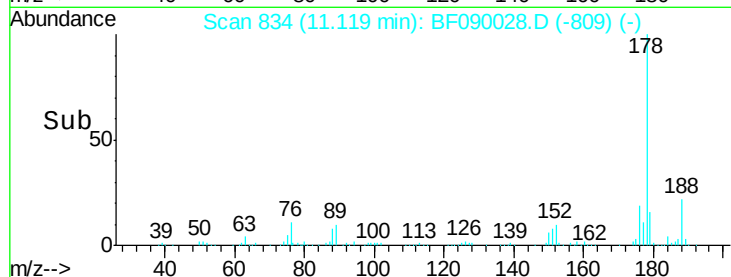
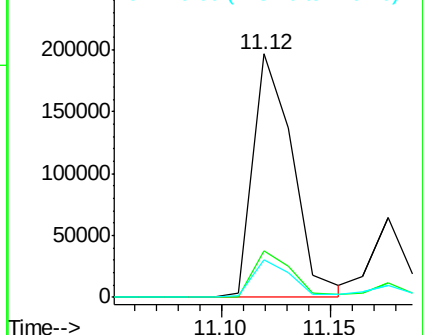
#70
 Phenanthrene
 Concen: 6.89 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF090028.D
 Acq: 8 Sep 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP57

Tgt Ion:178 Resp: 249601
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.5 24.7
 179 15.5 12.8 19.2

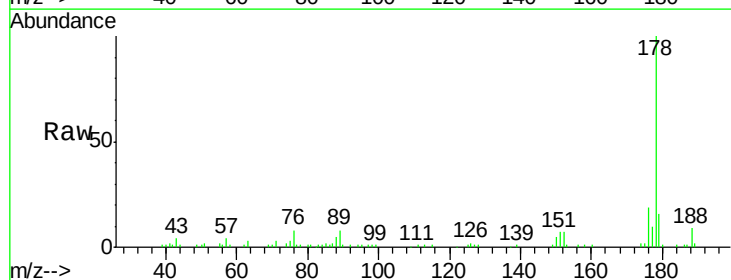


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

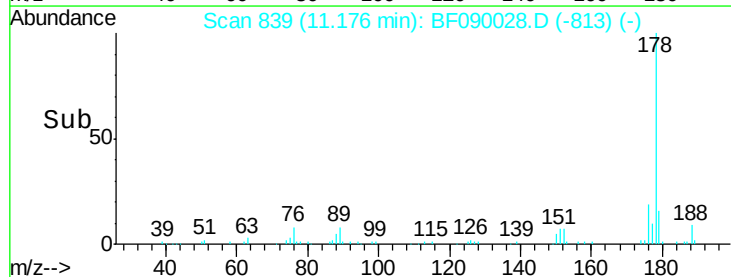
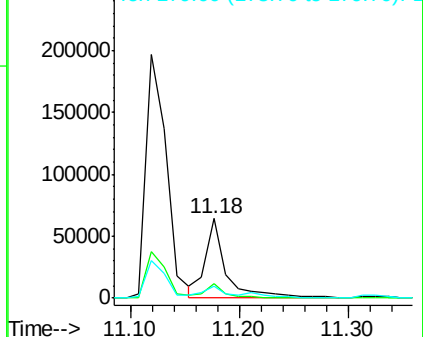


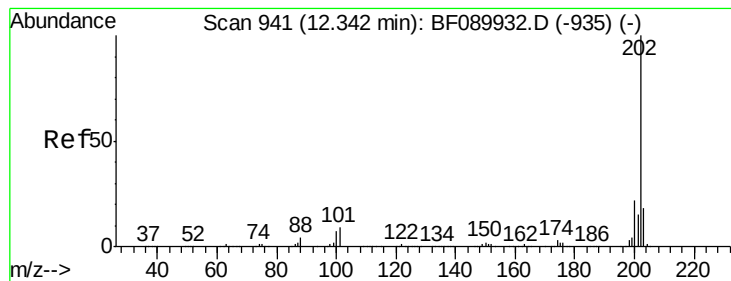
#71
 Anthracene
 Concen: 2.28 ng
 RT: 11.18 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF090028.D
 Acq: 8 Sep 2016 16:57

Tgt Ion:178 Resp: 83947
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.6 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

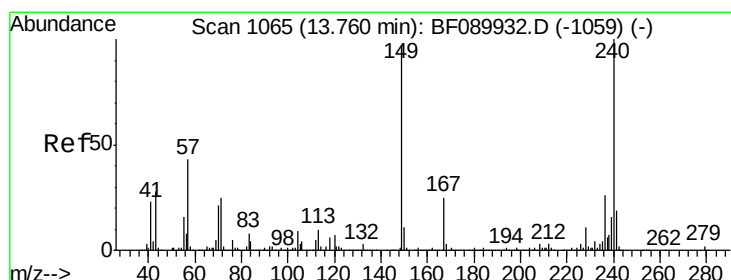
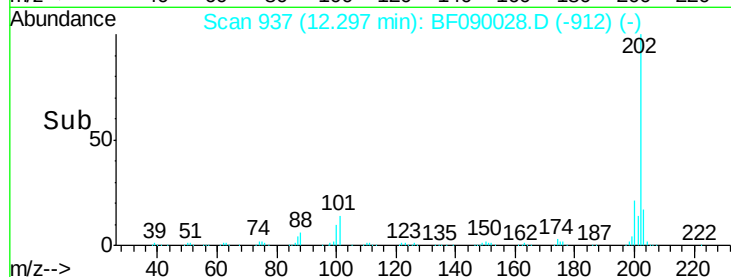
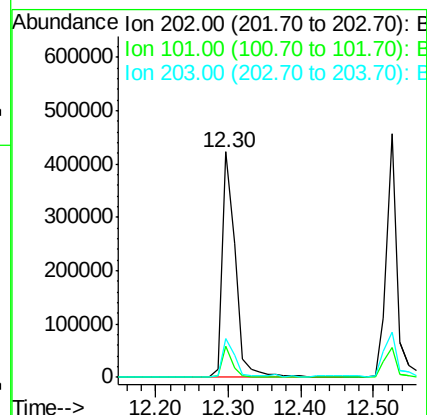
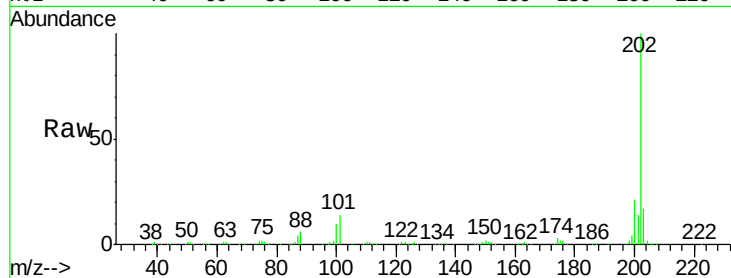




#74
 Fluoranthene
 Concen: 13.88 ng
 RT: 12.30 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF090028.D
 Acq: 8 Sep 2016 16:57

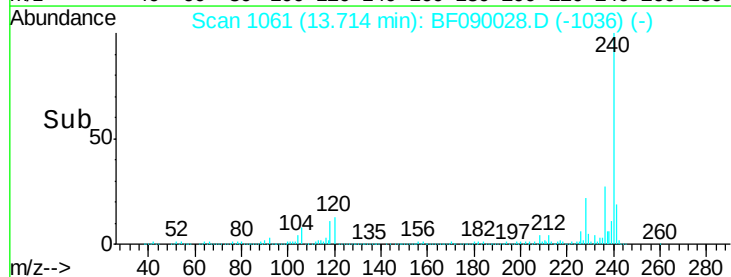
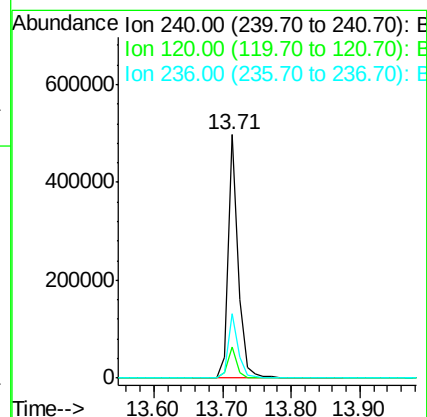
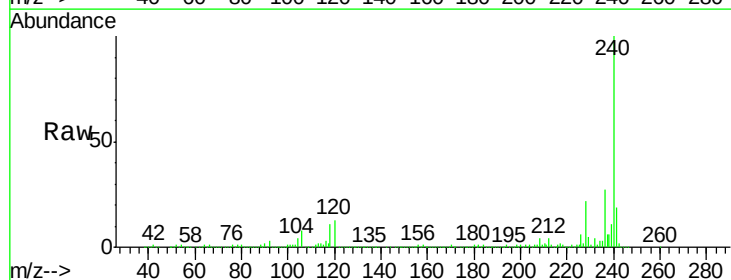
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP57

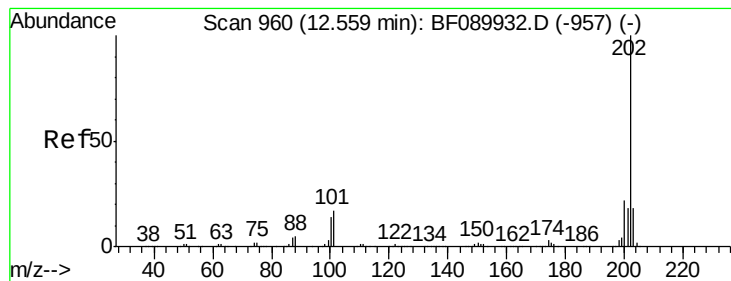
Tgt Ion: 202 Resp: 526960
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 28.5
 203 17.3 0.0 38.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF090028.D
 Acq: 8 Sep 2016 16:57

Tgt Ion: 240 Resp: 511297
 Ion Ratio Lower Upper
 240 100
 120 12.6 5.7 8.5#
 236 26.7 21.3 31.9





#77

Pyrene

Concen: 13.00 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

Instrument :

BNA_F

ClientSampleId :

DFTPP57

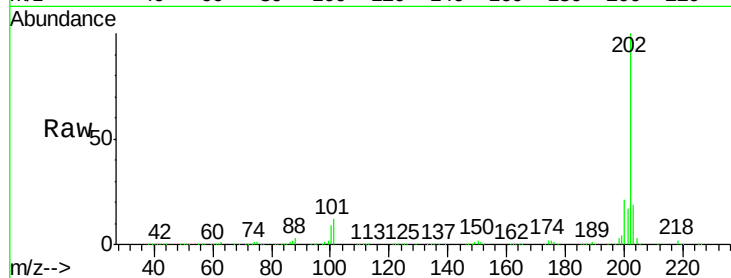
Tgt Ion: 202 Resp: 468789

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

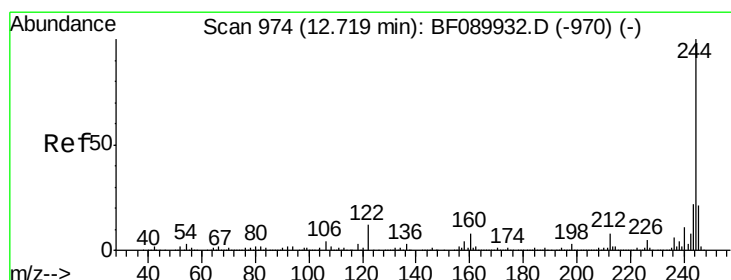
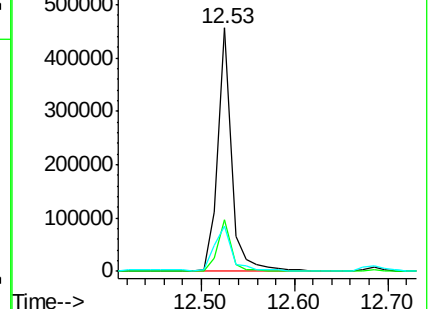
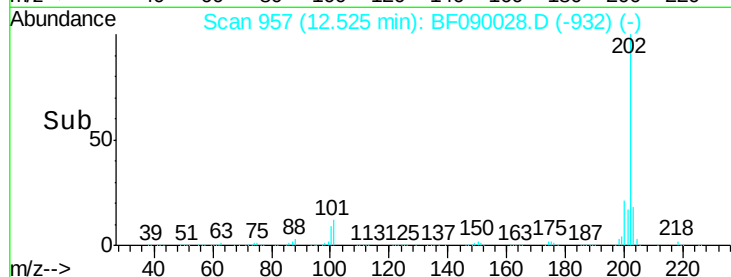
203 18.6 14.6 21.8



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: 64.02 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

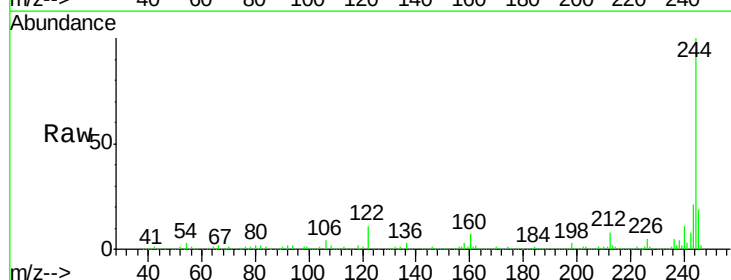
Tgt Ion: 244 Resp: 1325123

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

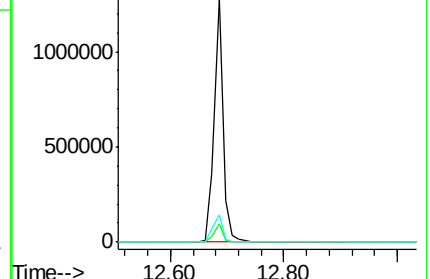
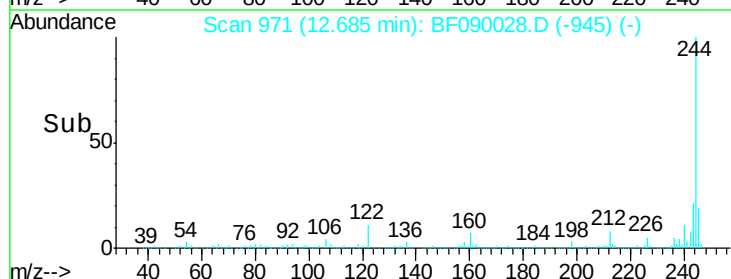
122 11.2 9.6 14.4

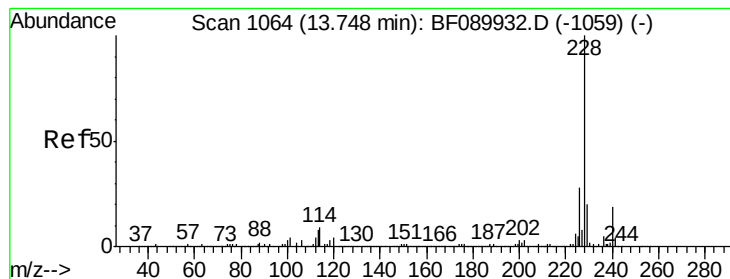


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 8.82 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

Instrument :

BNA_F

ClientSampleId :

DFTPP57

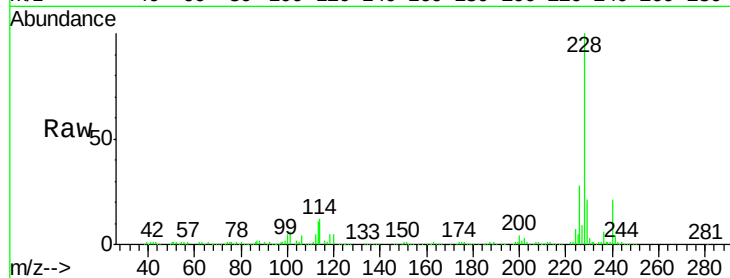
Tgt Ion: 228 Resp: 276316

Ion Ratio Lower Upper

228 100

226 28.2 22.2 33.2

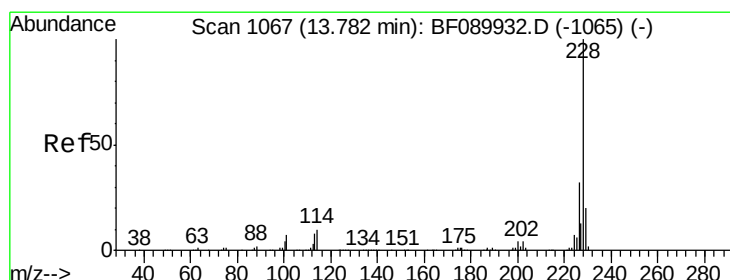
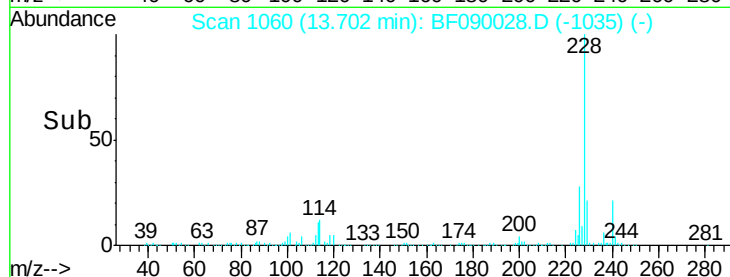
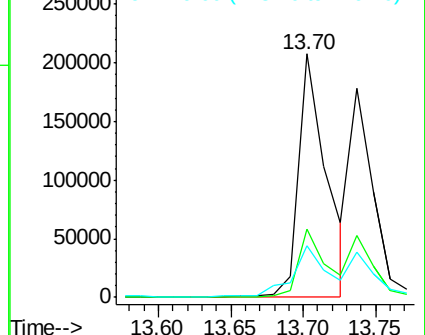
229 21.3 15.8 23.6



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: 9.45 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

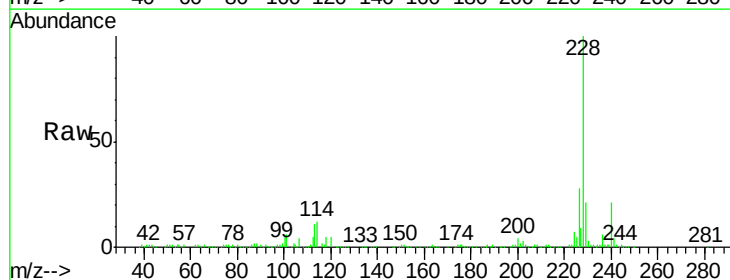
Tgt Ion: 228 Resp: 276316

Ion Ratio Lower Upper

228 100

226 28.2 25.2 37.8

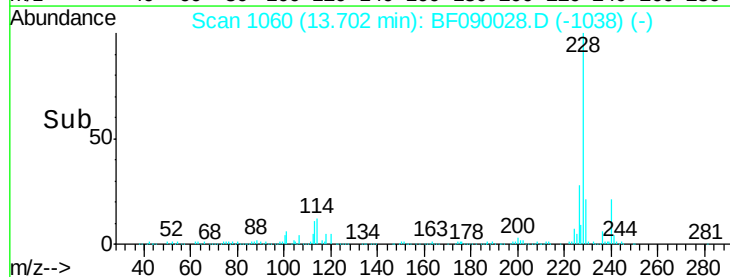
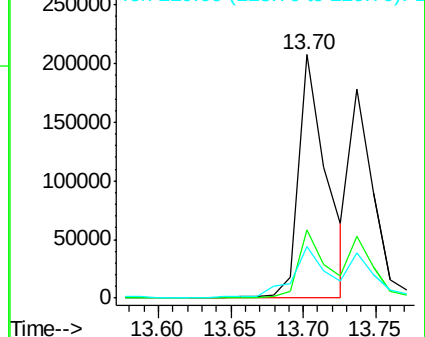
229 21.3 16.2 24.2

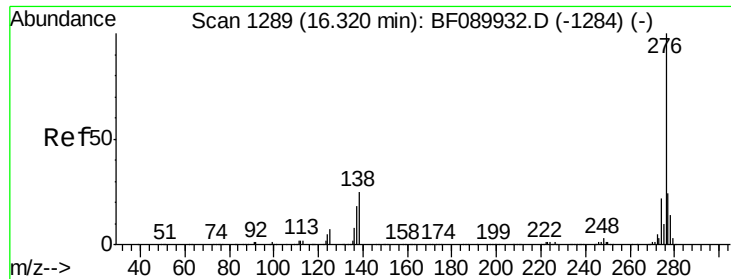


Abundance Ion 228.00 (227.70 to 228.70): E

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: 4.93 ng

RT: 16.26 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

Instrument :

BNA_F

ClientSampleId :

DFTPP57

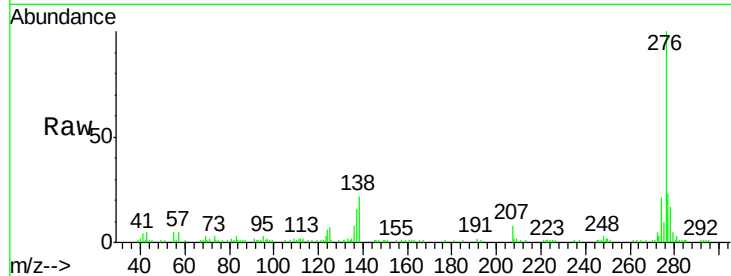
Tgt Ion:276 Resp: 106540

Ion Ratio Lower Upper

276 100

138 26.1 22.6 34.0

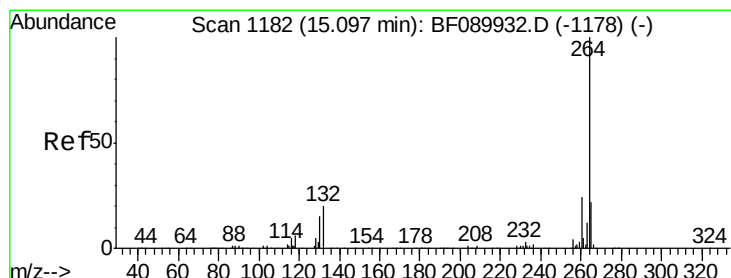
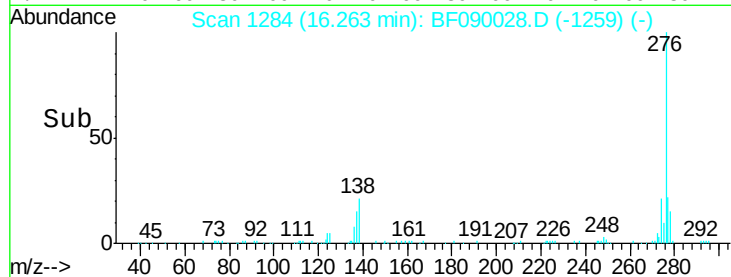
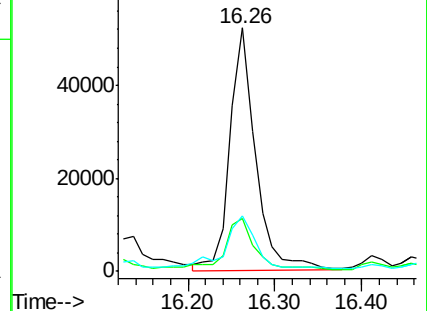
277 25.3 20.1 30.1



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: 15.05 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

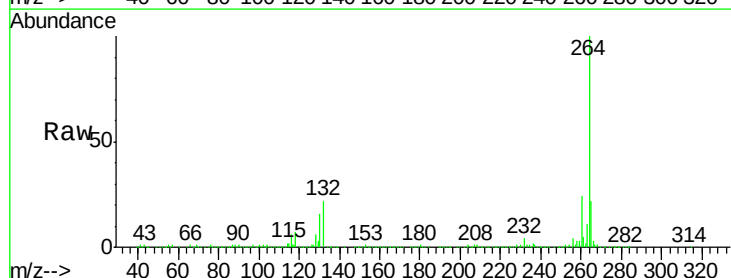
Tgt Ion:264 Resp: 449465

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

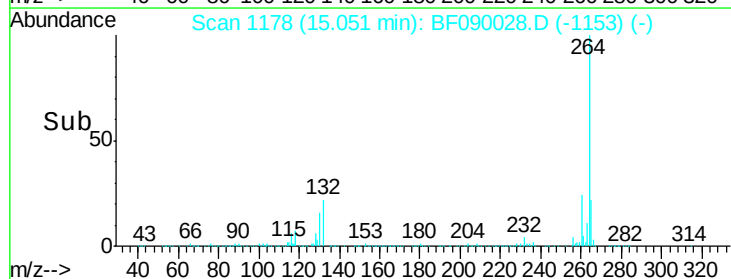
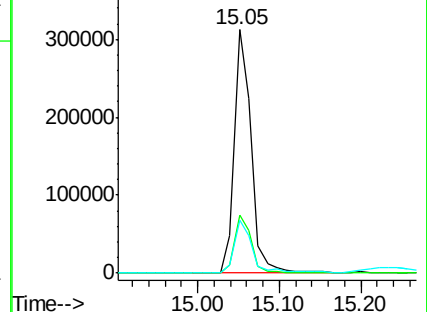
265 21.9 17.4 26.2

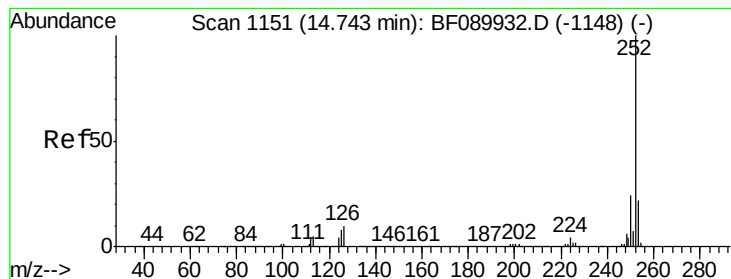


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 13.75 ng

RT: 14.70 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

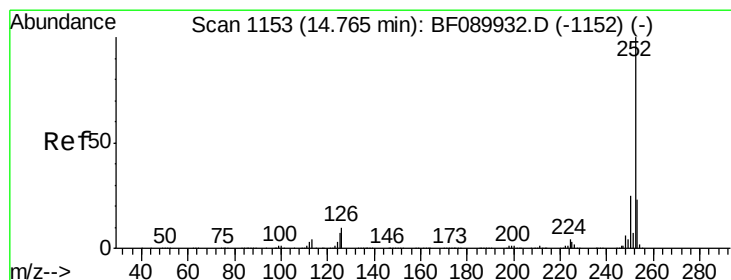
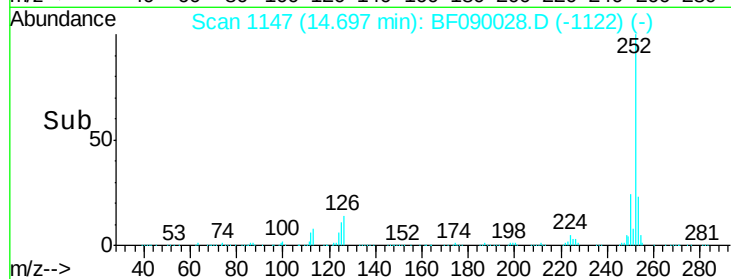
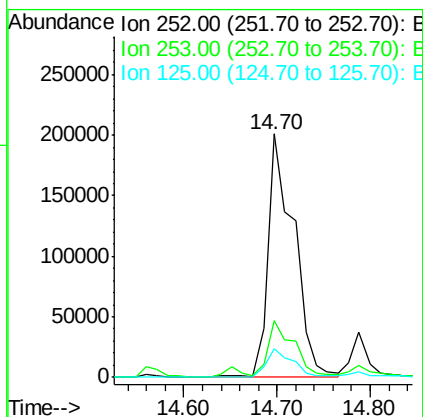
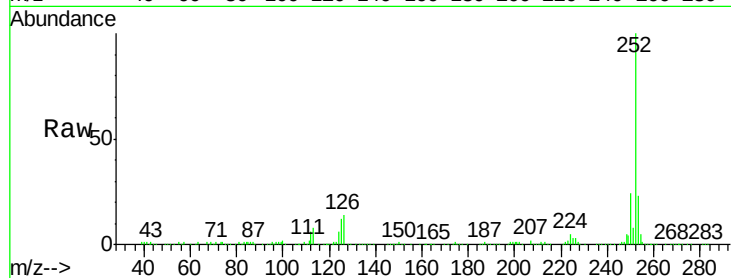
Instrument :

BNA_F

ClientSampleId :

DFTPP57

Tgt Ion:	252	Resp:	387167
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.0	27.0
125	11.5	5.7	8.5#



#88

Benzo(k)fluoranthene

Concen: 16.20 ng

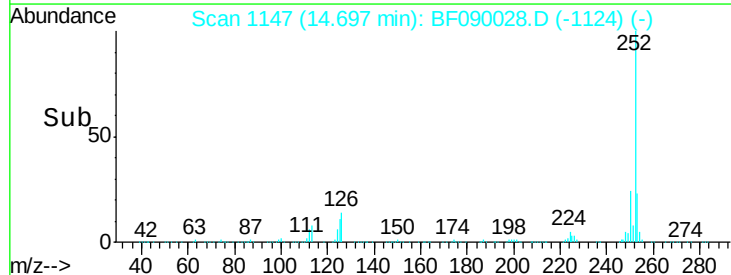
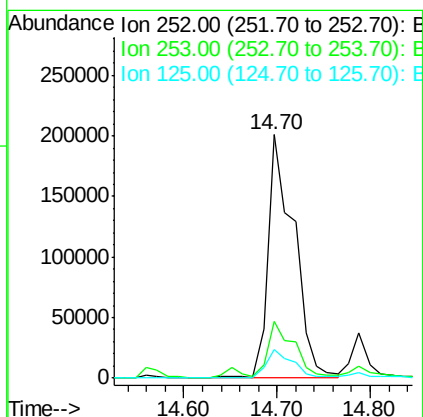
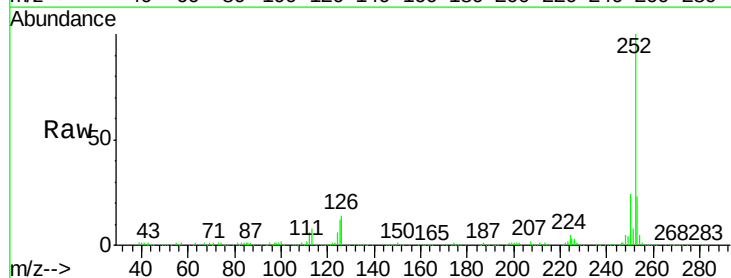
RT: 14.70 min Scan# 1147

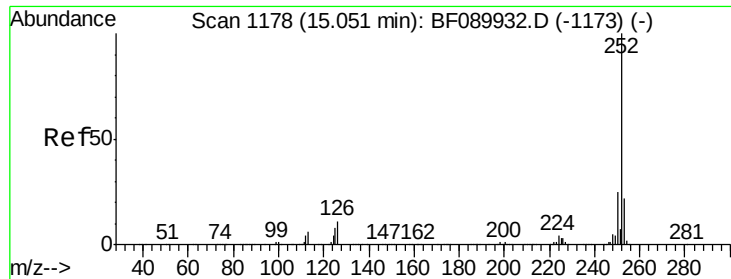
Delta R.T. -0.03 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

Tgt Ion:	252	Resp:	387167
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.8
125	11.5	7.3	10.9#





#89

Benzo(a)pyrene

Concen: 8.40 ng

RT: 15.01 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

Instrument :

BNA_F

ClientSampleId :

DFTPP57

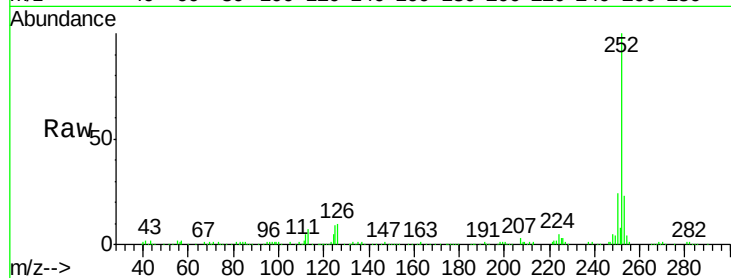
Tgt Ion: 252 Resp: 202609

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

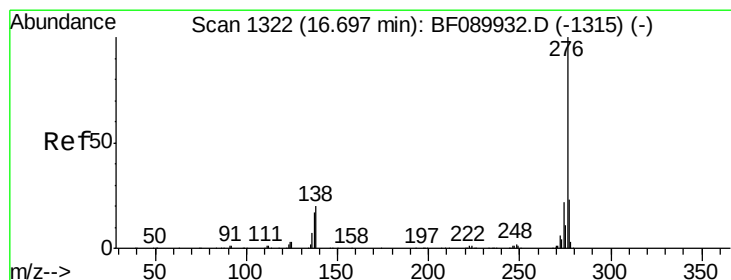
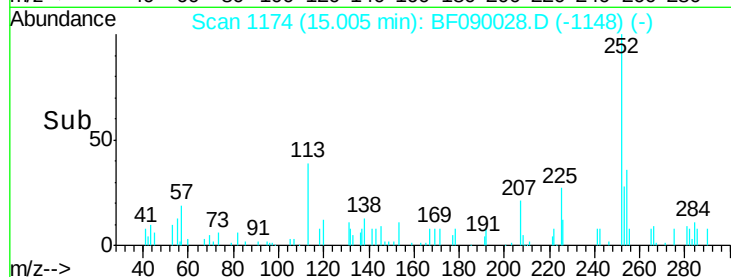
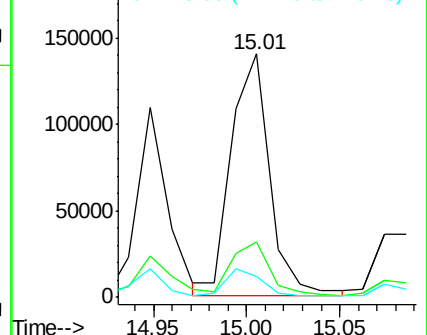
125 8.7 6.3 9.5



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: 5.28 ng

RT: 16.62 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF090028.D

Acq: 8 Sep 2016 16:57

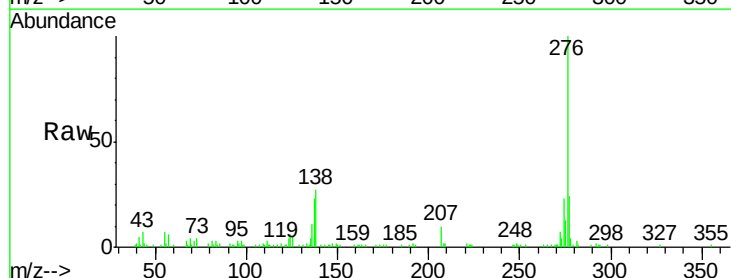
Tgt Ion: 276 Resp: 94001

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 26.6 16.4 24.6



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

