

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090470.D
 Acq On : 8 Oct 2016 6:27
 Operator : UM/SJ
 Sample : H5136-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100516-01

Quant Time: Oct 08 06:51:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

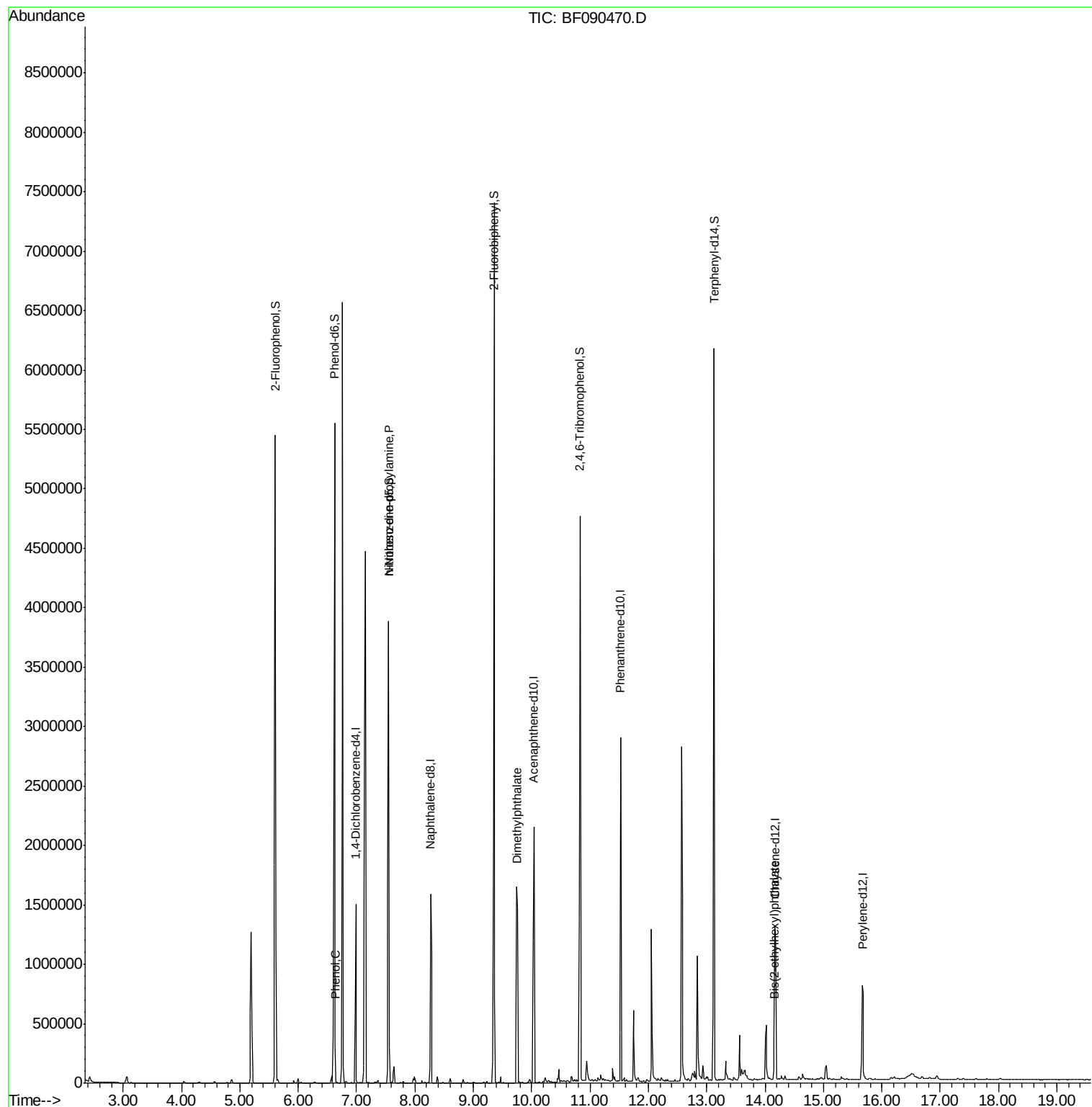
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	234551	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	944938	20.00	ng	-0.02
38) Acenaphthene-d10	10.04	164	536368	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	888531	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	598880	20.00	ng	-0.02
86) Perylene-d12	15.68	264	408167	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1665206	105.96	ng	0.00
7) Phenol-d6	6.62	99	2255354	109.57	ng	0.00
23) Nitrobenzene-d5	7.55	82	1461943	75.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	549451	125.98	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	2267312	70.43	ng	-0.02
78) Terphenyl-d14	13.13	244	2698955	101.32	ng	-0.01
Target Compounds						
10) Phenol	6.63	94	49229	2.06	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.55	70	204293	13.54	ng	# 63
49) Dimethylphthalate	9.75	163	1038110	30.22	ng	97
83) Bis(2-ethylhexyl)phthalate	14.16	149	69104	2.37	ng	95

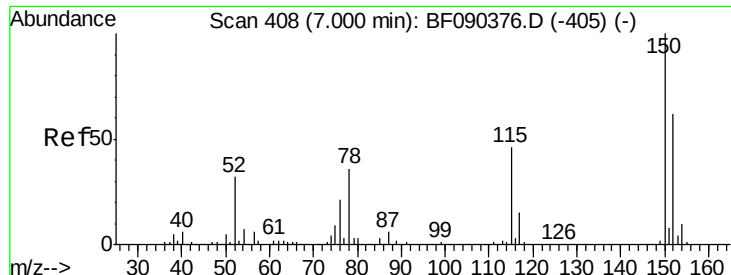
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090470.D
Acq On : 8 Oct 2016 6:27
Operator : UM/SJ
Sample : H5136-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
100516-01

Quant Time: Oct 08 06:51:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration



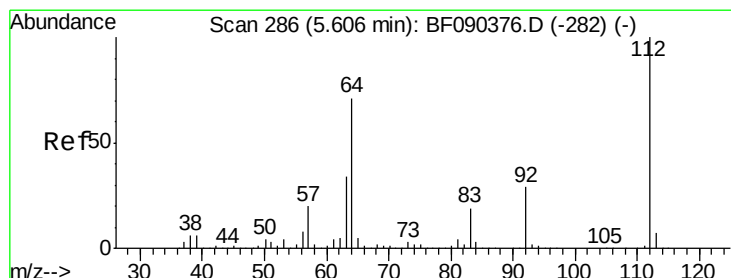
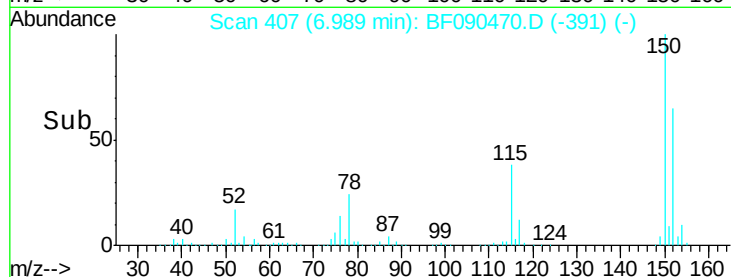
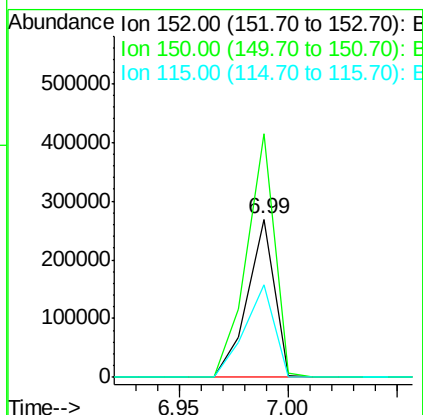
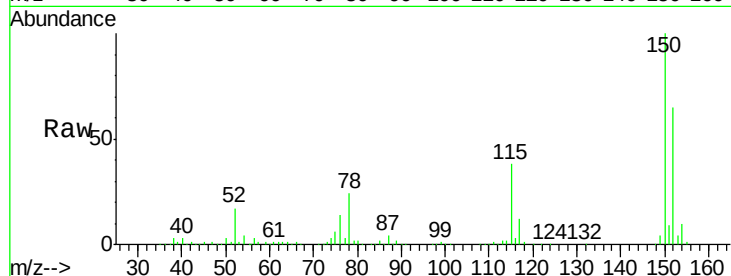


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090470.D
Acq: 8 Oct 2016 6:27

Instrument :
BNA_F
ClientSampled :
100516-01

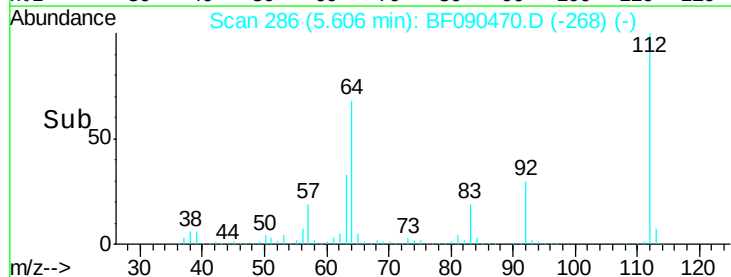
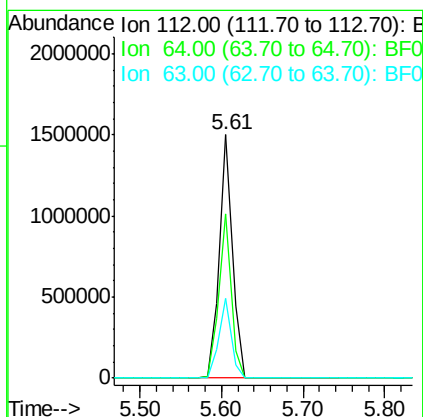
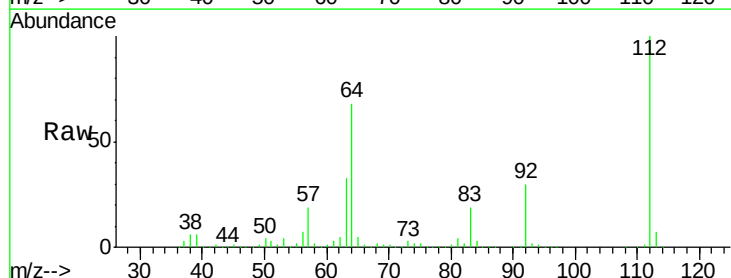
Tgt Ion:152 Resp: 234551
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 58.6 46.2 69.4

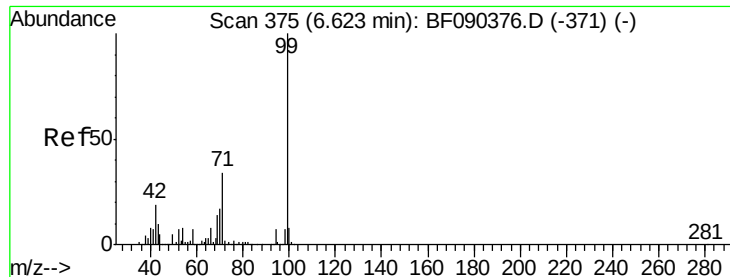


#5

2-Fluorophenol
Concen: 105.96 ng
RT: 5.61 min Scan# 286
Delta R.T. 0.00 min
Lab File: BF090470.D
Acq: 8 Oct 2016 6:27

Tgt Ion:112 Resp: 1665206
Ion Ratio Lower Upper
112 100
64 67.6 57.9 86.9
63 33.0 29.6 44.4





#7

Phenol-d6

Concen: 109.57 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090470.D

Acq: 8 Oct 2016 6:27

Instrument :

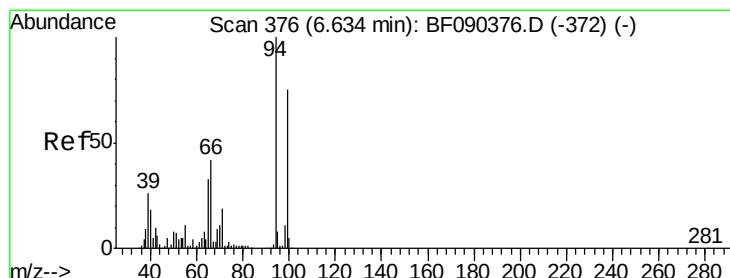
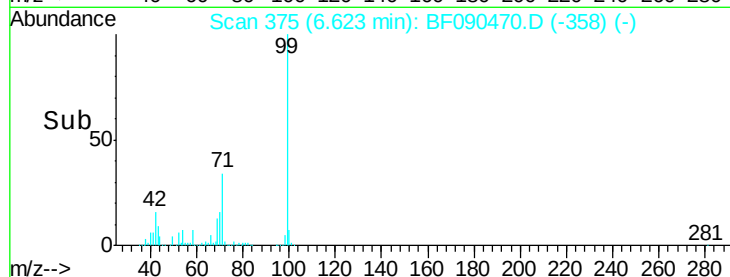
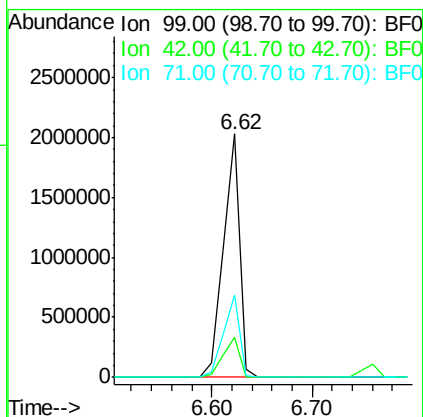
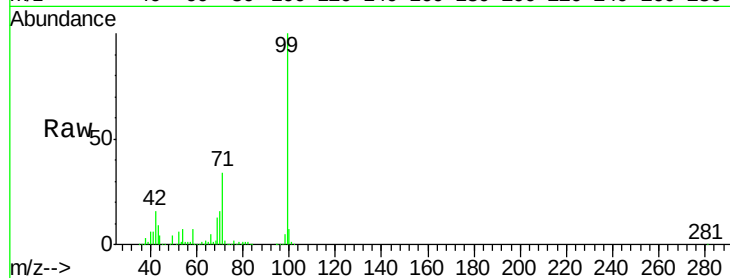
BNA_F

ClientSampleId :

100516-01

Tgt Ion: 99 Resp: 2255354

Ion	Ratio	Lower	Upper
99	100		
42	16.5	20.0	30.0#
71	33.7	27.9	41.9



#10

Phenol

Concen: 2.06 ng

RT: 6.63 min Scan# 376

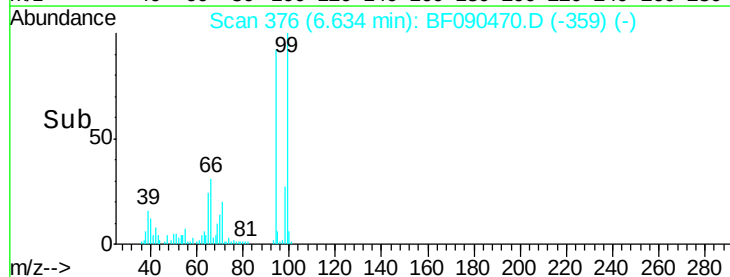
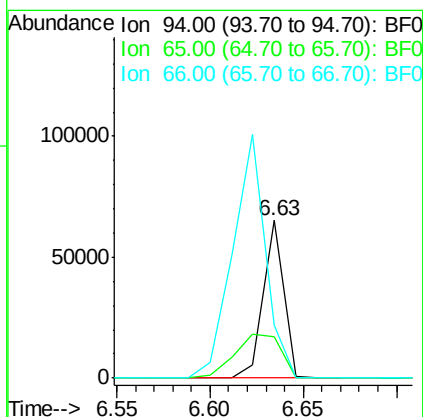
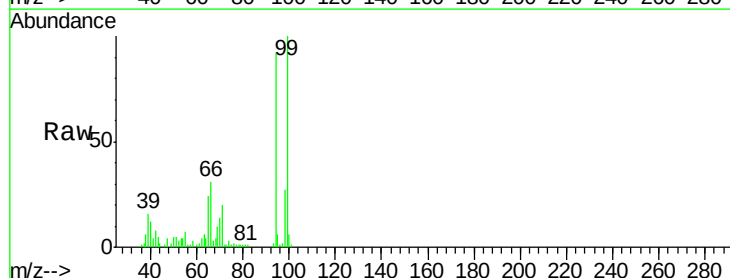
Delta R.T. -0.00 min

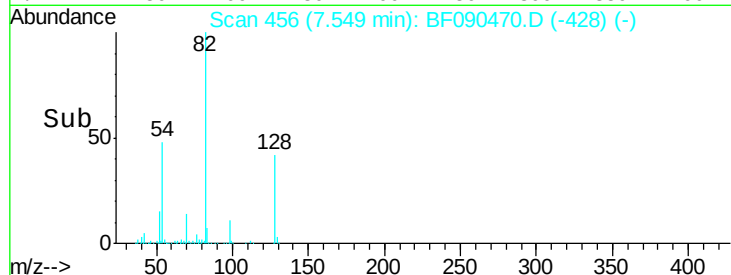
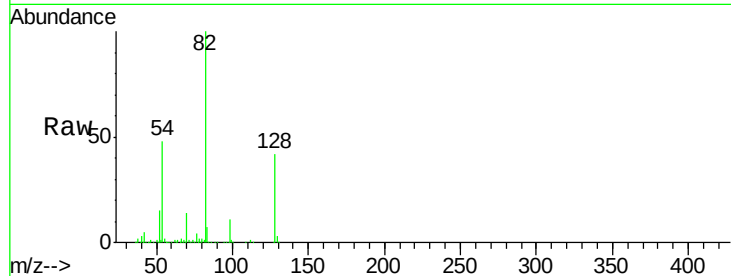
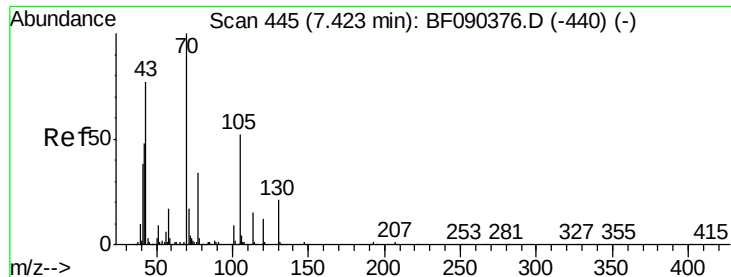
Lab File: BF090470.D

Acq: 8 Oct 2016 6:27

Tgt Ion: 94 Resp: 49229

Ion	Ratio	Lower	Upper
94	100		
65	26.6	13.3	53.3
66	33.9	20.4	60.4

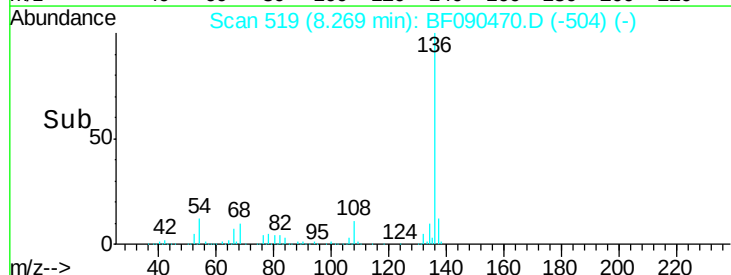
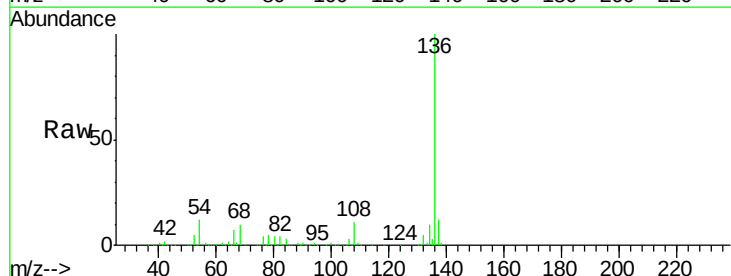
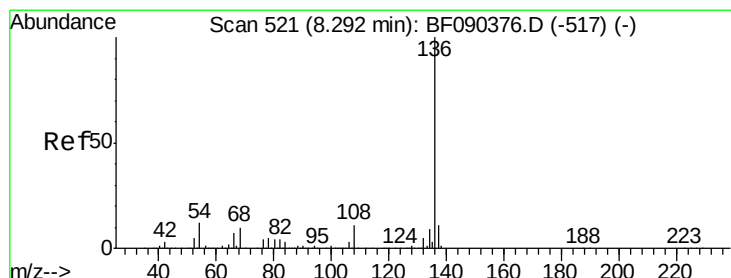
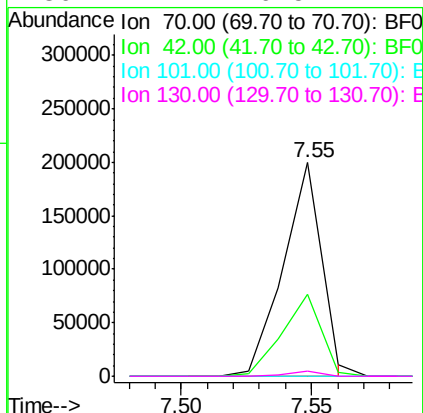




#19
n-Nitroso-di-n-propylamine
Concen: 13.54 ng
RT: 7.55 min Scan# 456
Delta R.T. 0.13 min
Lab File: BF090470.D
Acq: 8 Oct 2016 6:27

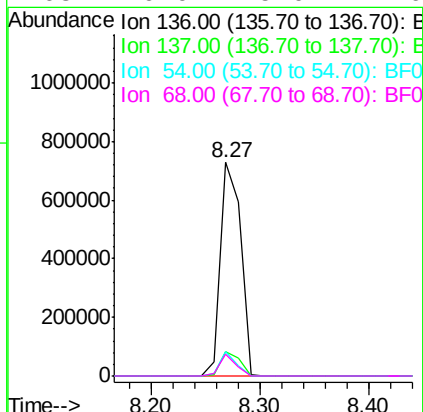
Instrument :
BNA_F
ClientSampleId :
100516-01

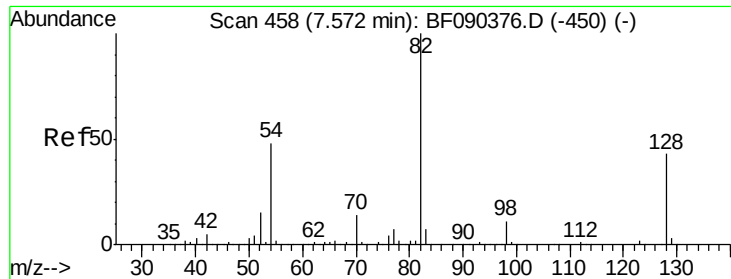
Tgt Ion:	70	Resp:	204293
Ion	Ratio	Lower	Upper
70	100		
42	38.3	55.4	83.2#
101	0.0	7.6	11.4#
130	2.1	16.5	24.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090470.D
Acq: 8 Oct 2016 6:27

Tgt Ion:	136	Resp:	944938
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	11.6	6.6	10.0#
68	10.0	5.0	7.6#





#23

Nitrobenzene-d5

Concen: 75.26 ng

RT: 7.55 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090470.D

Acq: 8 Oct 2016 6:27

Instrument :

BNA_F

ClientSampleId :

100516-01

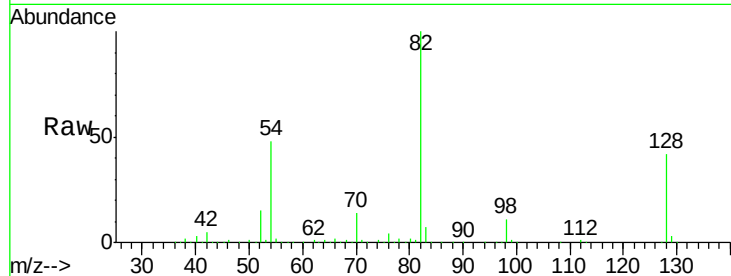
Tgt Ion: 82 Resp: 1461943

Ion Ratio Lower Upper

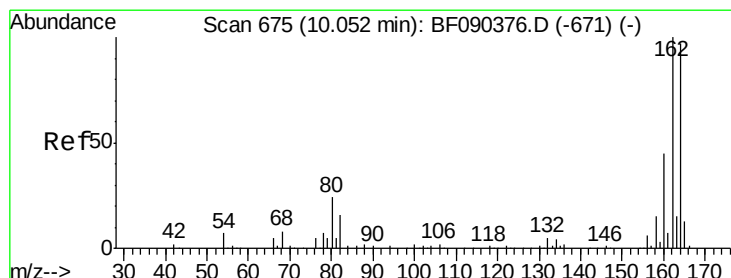
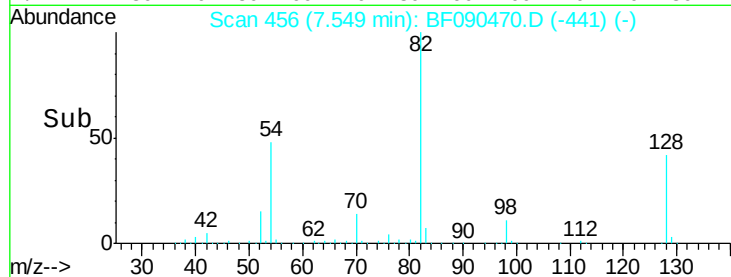
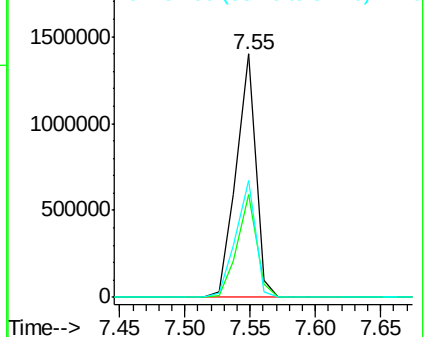
82 100

128 42.3 40.0 60.0

54 47.9 42.6 64.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.04 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090470.D

Acq: 8 Oct 2016 6:27

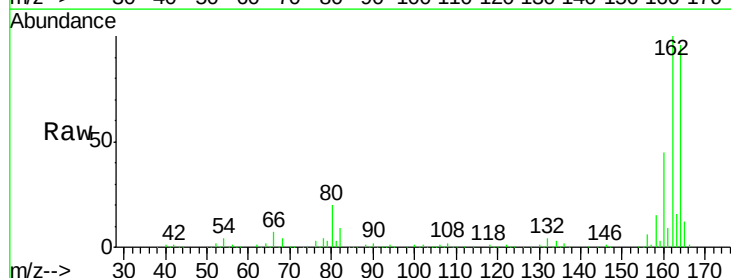
Tgt Ion: 164 Resp: 536368

Ion Ratio Lower Upper

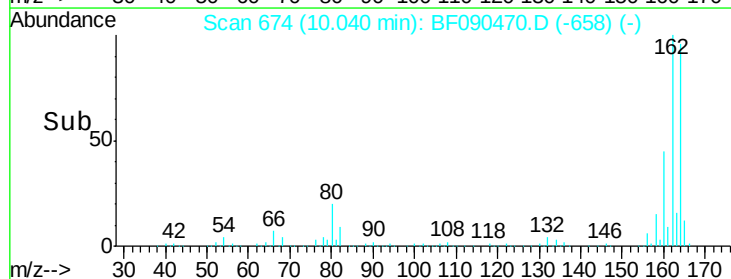
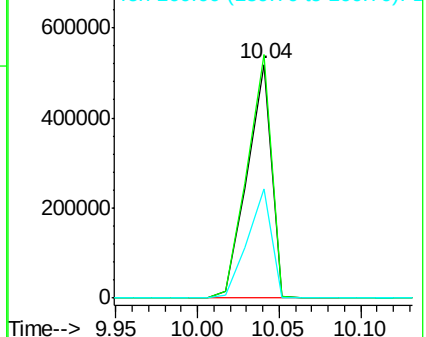
164 100

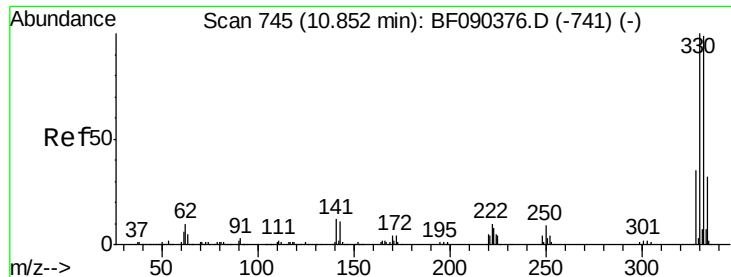
162 104.0 80.1 120.1

160 46.5 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

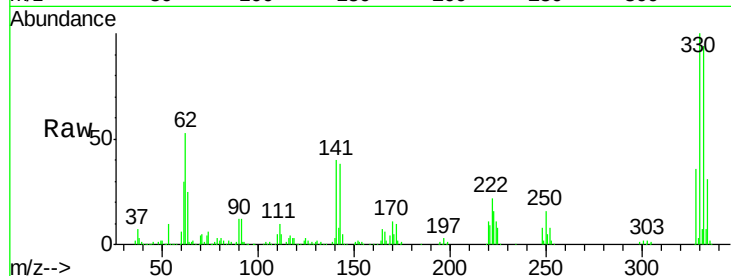




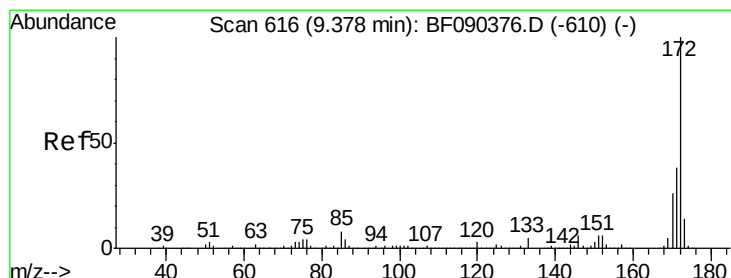
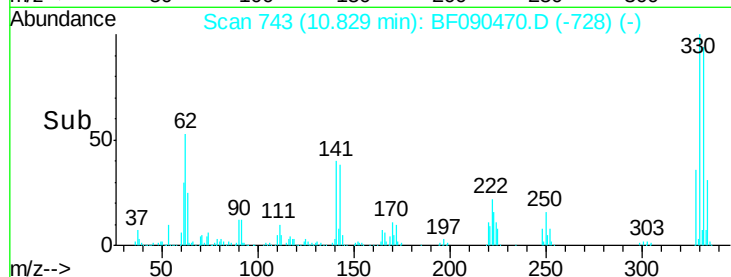
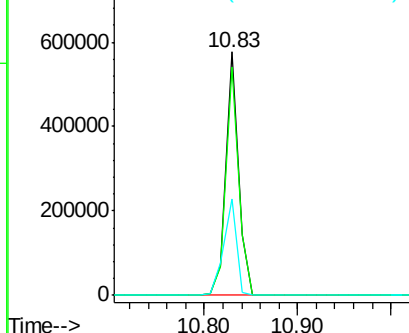
#41
 2,4,6-Tribromophenol
 Concen: 125.98 ng
 RT: 10.83 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF090470.D
 Acq: 8 Oct 2016 6:27

Instrument :
 BNA_F
 ClientSampleId :
 100516-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.4	113.0
141	39.8	26.9	40.3

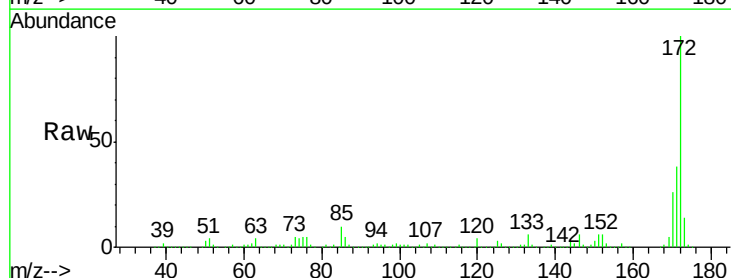


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

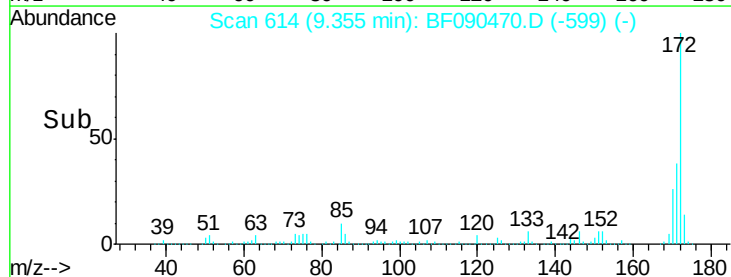
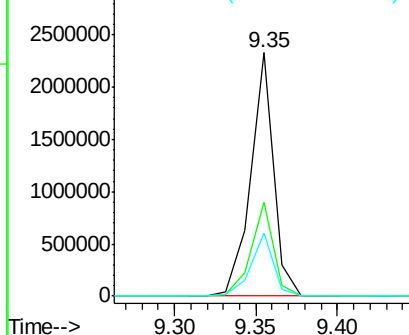


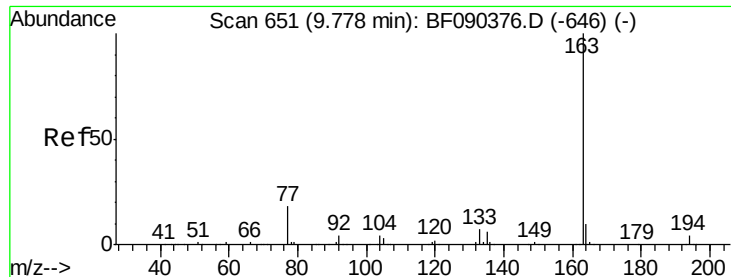
#44
 2-Fluorobiphenyl
 Concen: 70.43 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090470.D
 Acq: 8 Oct 2016 6:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.8	47.8
170	25.9	21.7	32.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 30.22 ng

RT: 9.75 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF090470.D

Acq: 8 Oct 2016 6:27

Instrument :

BNA_F

ClientSampleId :

100516-01

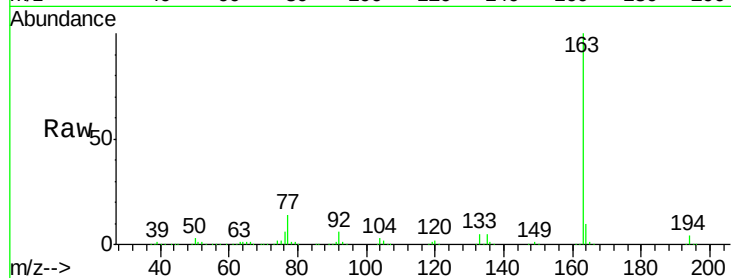
Tgt Ion:163 Resp: 1038110

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

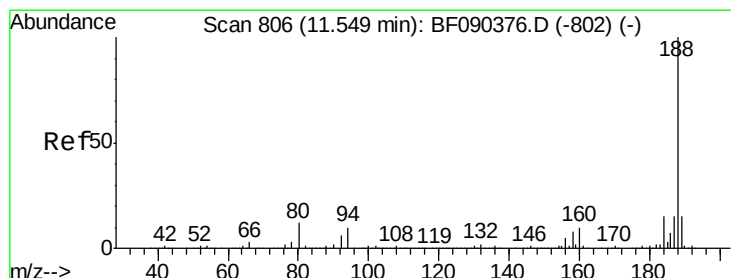
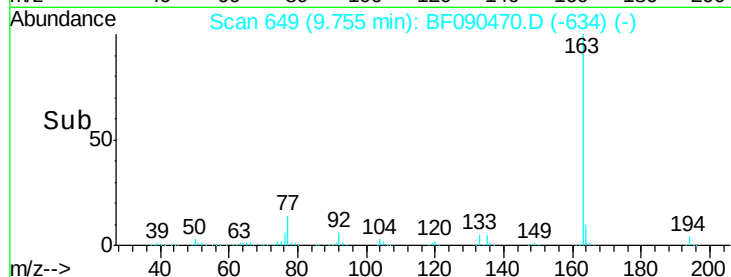
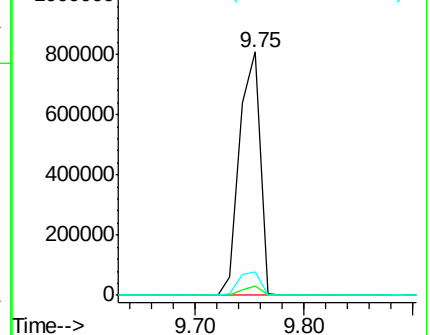
164 9.6 9.0 13.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.53 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF090470.D

Acq: 8 Oct 2016 6:27

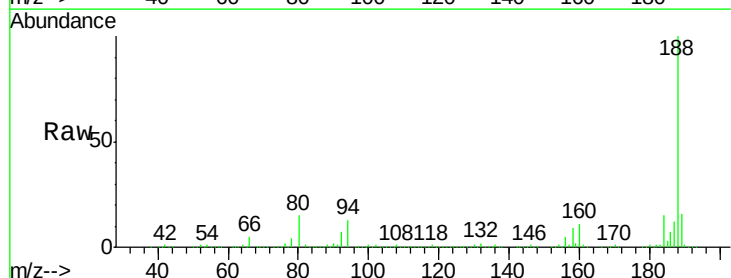
Tgt Ion:188 Resp: 888531

Ion Ratio Lower Upper

188 100

94 13.1 8.2 12.2#

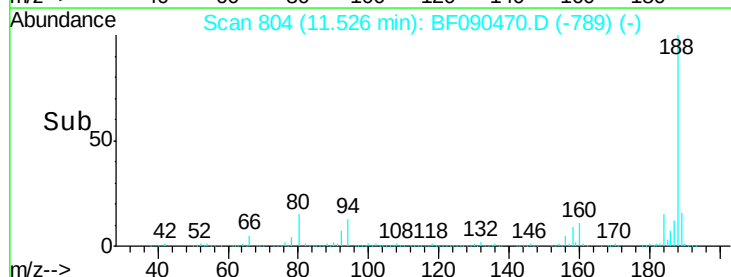
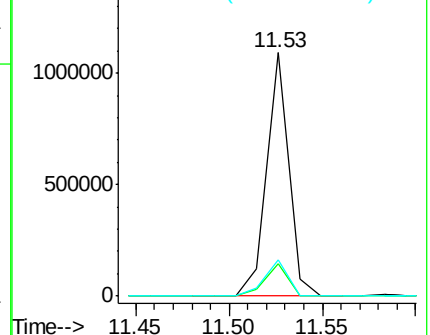
80 14.8 8.8 13.2#

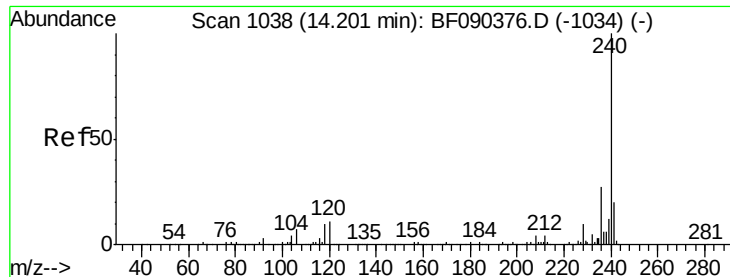


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF090470.D

Acq: 8 Oct 2016 6:27

Instrument :

BNA_F

ClientSampleId :

100516-01

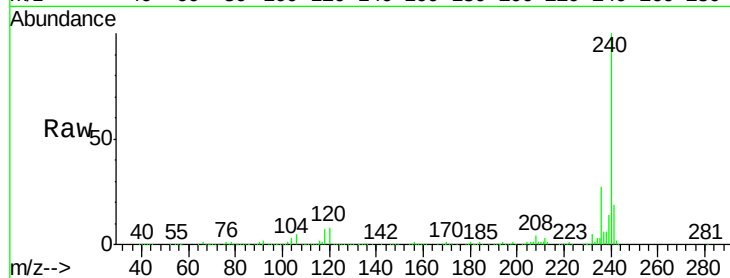
Tgt Ion:240 Resp: 598880

Ion Ratio Lower Upper

240 100

120 7.7 8.6 13.0#

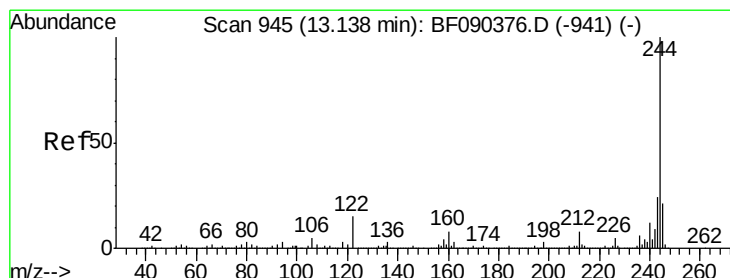
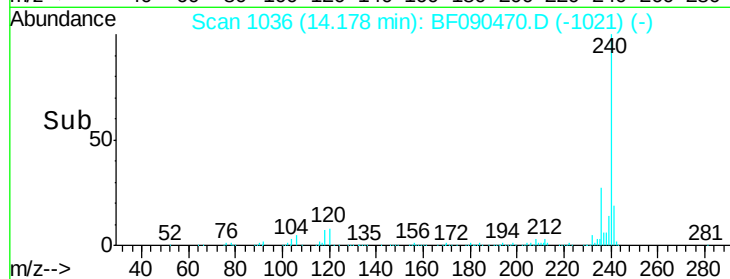
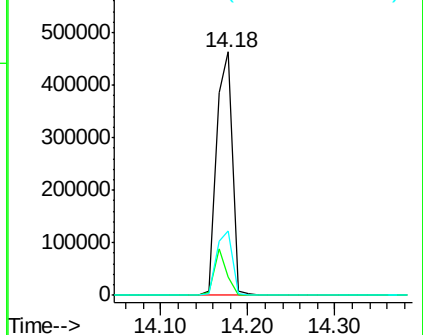
236 26.5 21.6 32.4



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



#78

Terphenyl-d14

Concen: 101.32 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090470.D

Acq: 8 Oct 2016 6:27

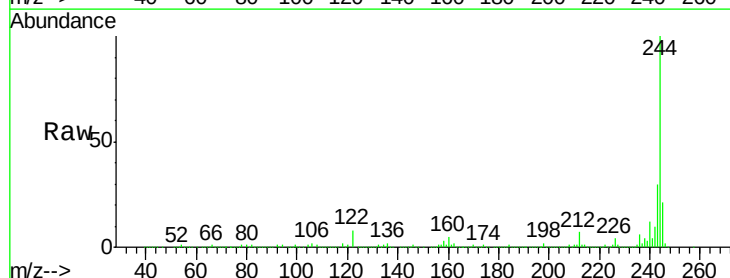
Tgt Ion:244 Resp: 2698955

Ion Ratio Lower Upper

244 100

212 6.7 6.8 10.2#

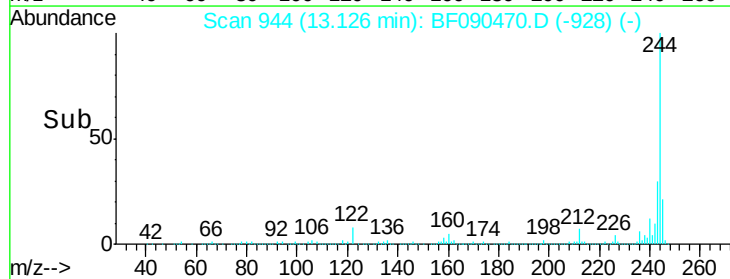
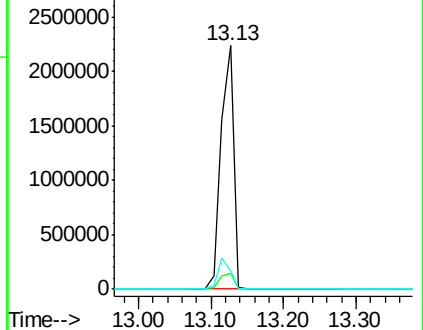
122 7.7 13.3 19.9#

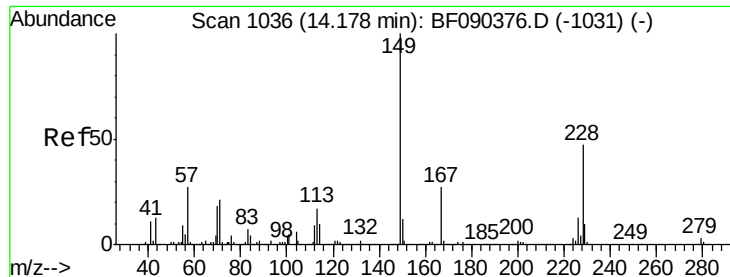


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.37 ng

RT: 14.16 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF090470.D

Acq: 8 Oct 2016 6:27

Instrument :

BNA_F

ClientSampled :

100516-01

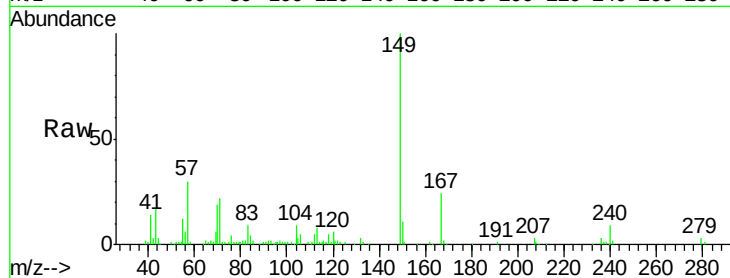
Tgt Ion:149 Resp: 69104

Ion Ratio Lower Upper

149 100

167 24.3 21.5 32.3

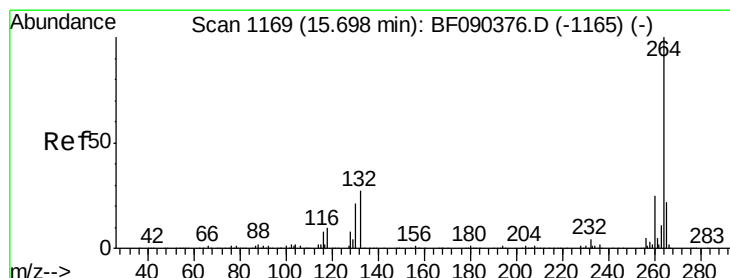
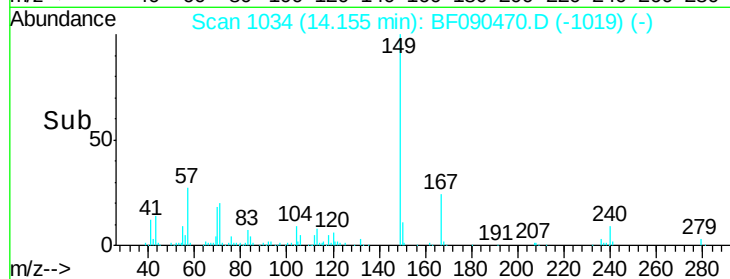
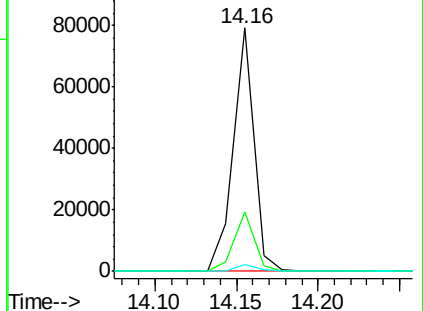
279 2.7 2.6 3.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.68 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF090470.D

Acq: 8 Oct 2016 6:27

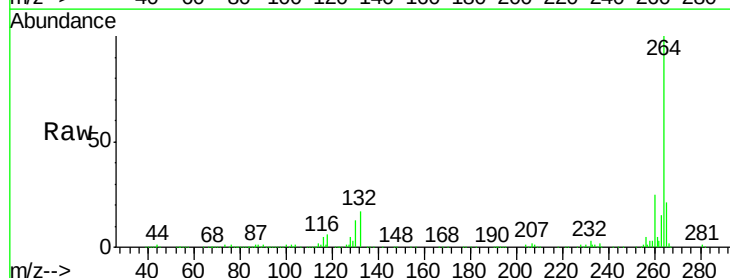
Tgt Ion:264 Resp: 408167

Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 21.4 17.4 26.0



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

