

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 06:51:54 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

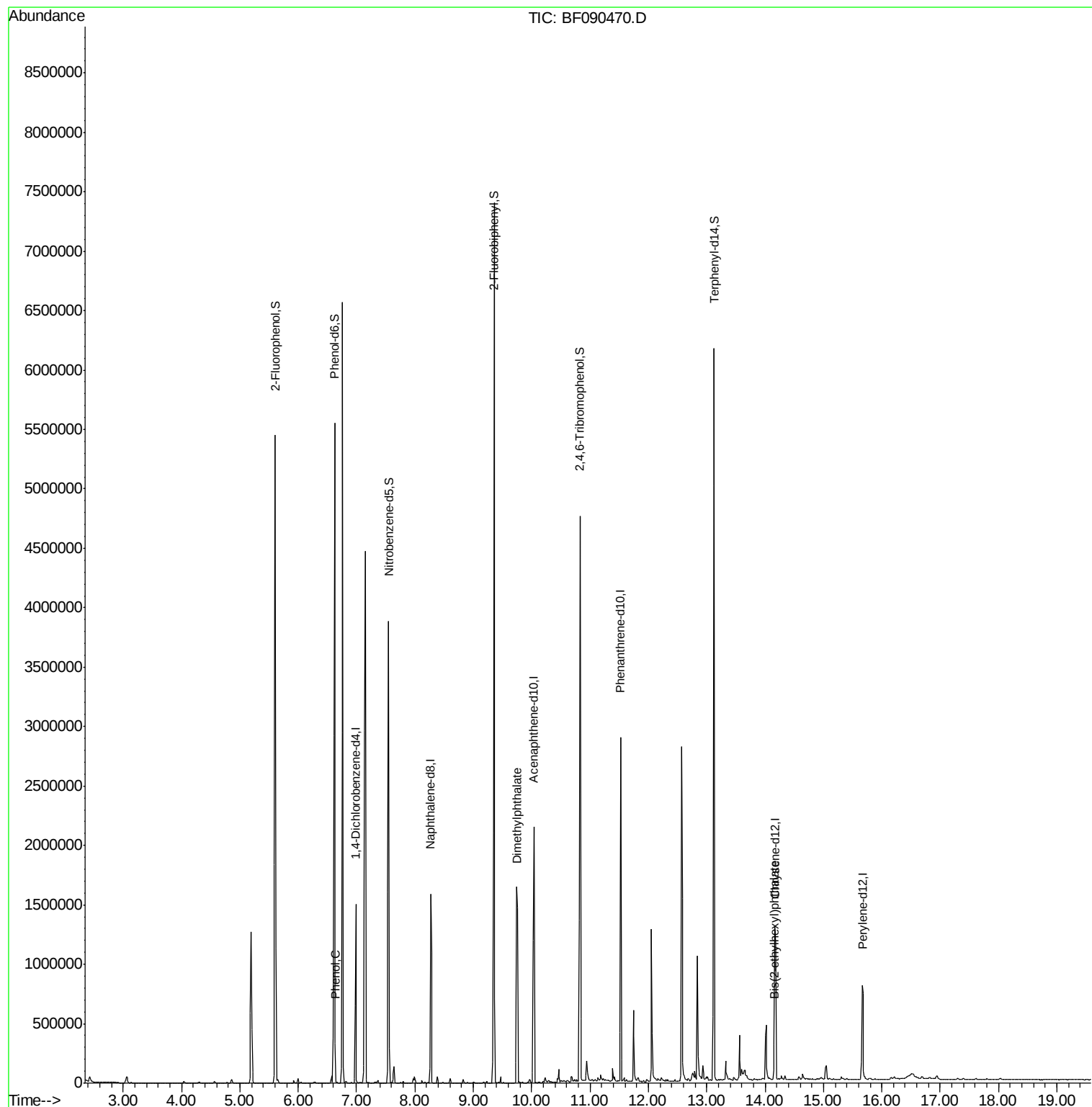
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	234551	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	944938	20.00	ng	-0.02
38) Acenaphthene-d10	10.04	164	536368	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	888531	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	598880	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	89
49) Dimethylphthalate	9.75	163	1038110	30.22	ng	97
83) Bis(2-ethylhexyl)phthalate	14.16	149	69104	2.37	ng	95

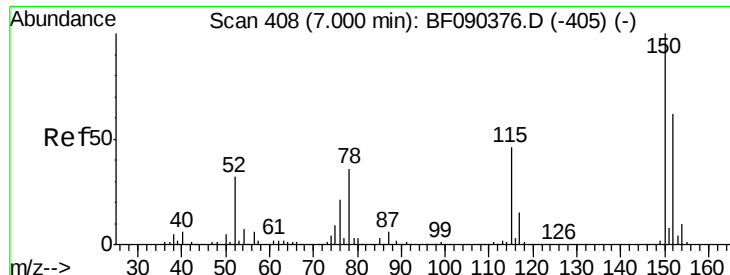
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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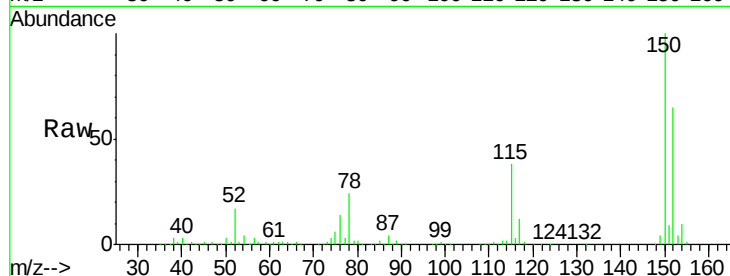




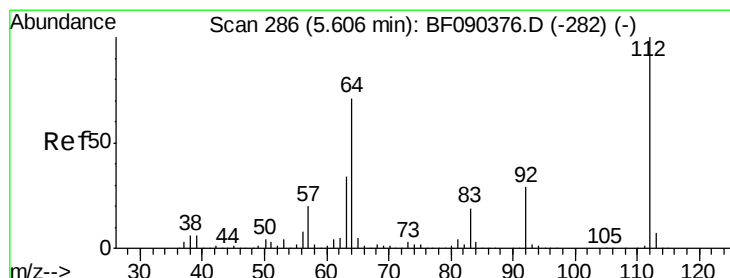
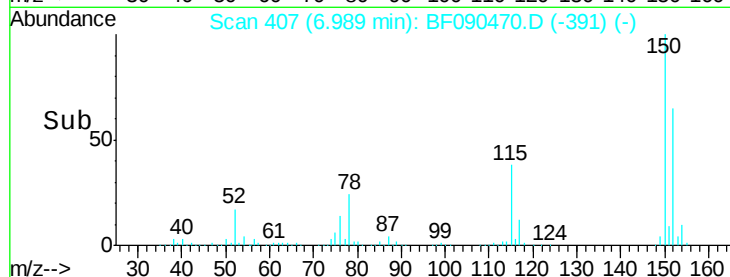
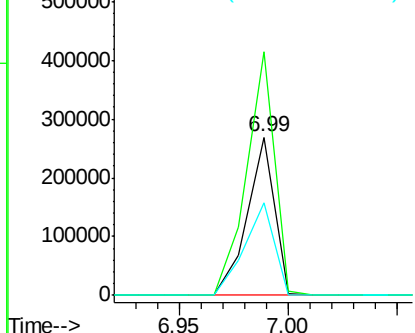
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.99 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF090470.D
 Acq: 8 Oct 2016 6:27

Instrument :
 BNA_F
 ClientSampleId :
 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

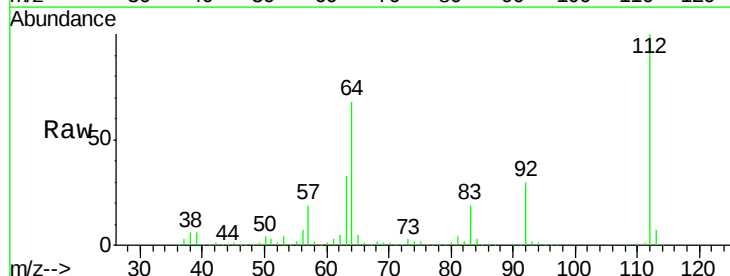


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

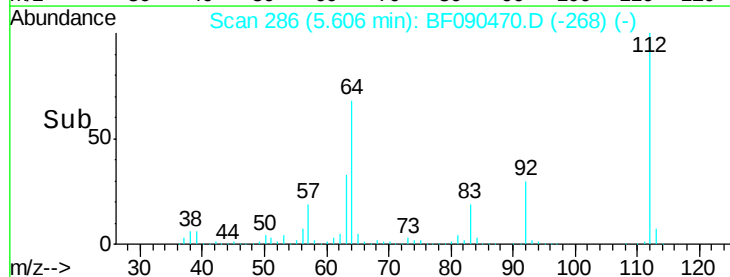
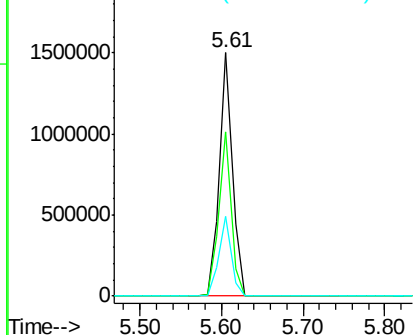


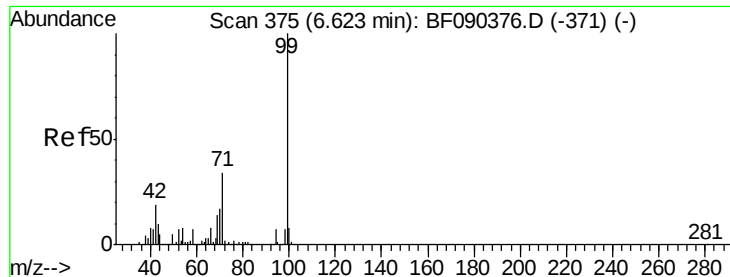
#5
 2-Fluorophenol
 Concen: 105.96 ng
 RT: 5.61 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: BF090470.D
 Acq: 8 Oct 2016 6:27

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



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: 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 :

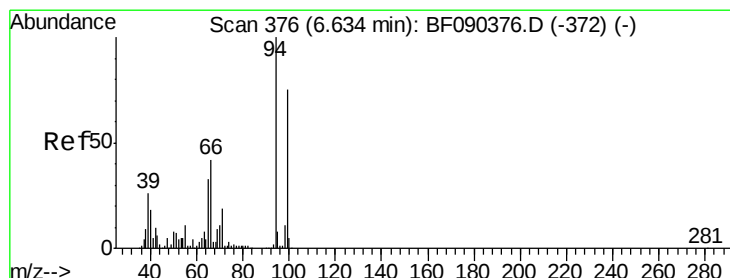
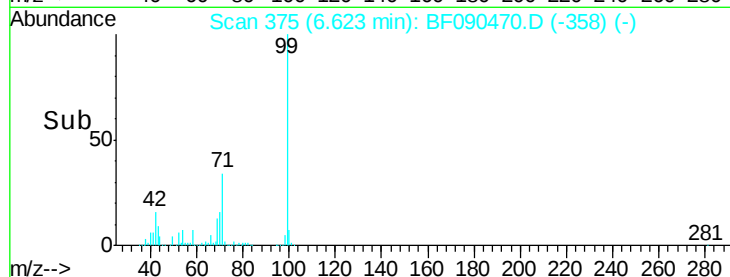
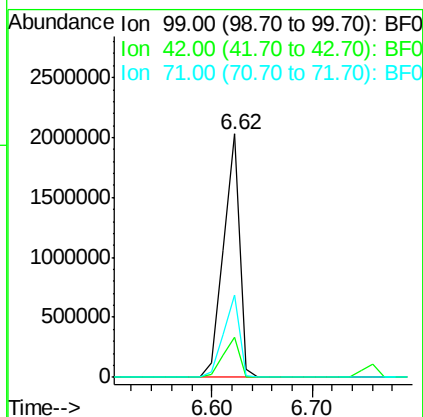
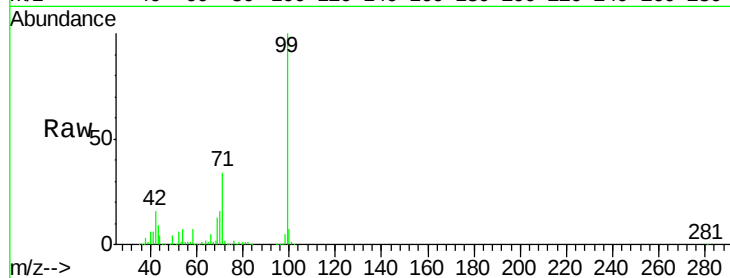
BNA_F

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

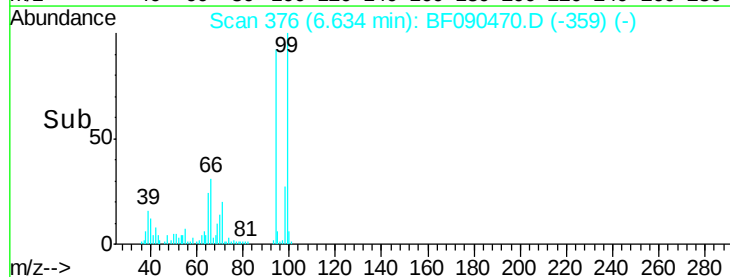
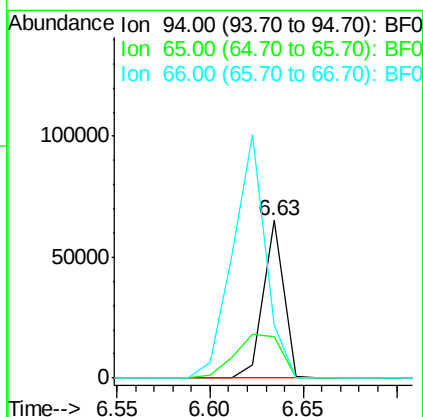
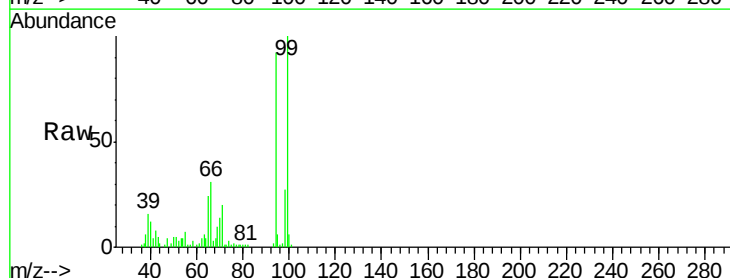
Delta R.T. -0.00 min

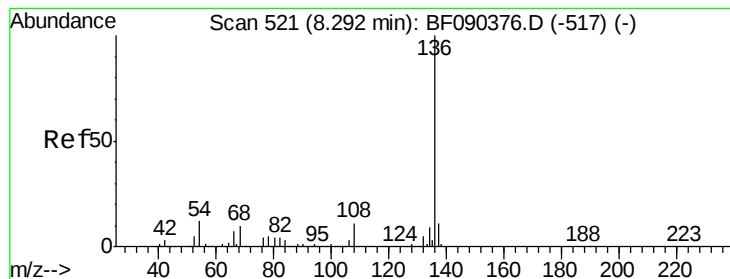
Lab File: BF090470.D

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





#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

Instrument :

BNA_F

ClientSampled :

100516-01

Tgt Ion:136 Resp: 944938

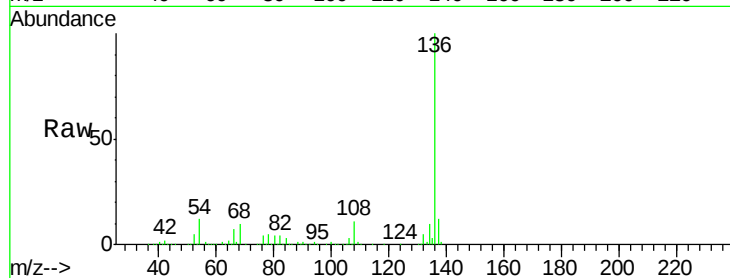
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 11.6 6.6 10.0#

68 10.0 5.0 7.6#

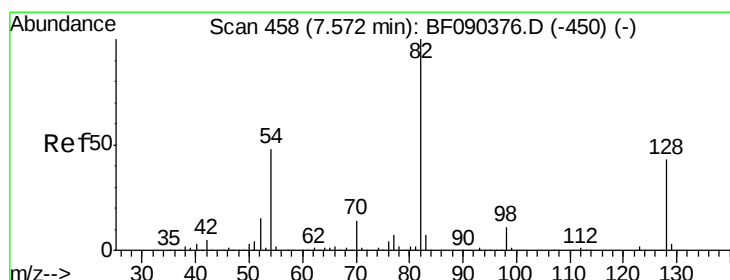
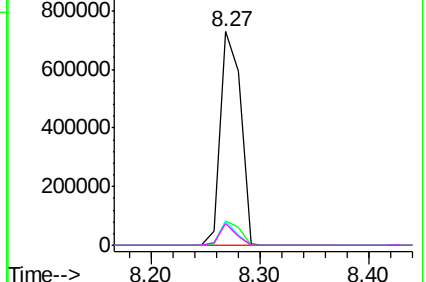
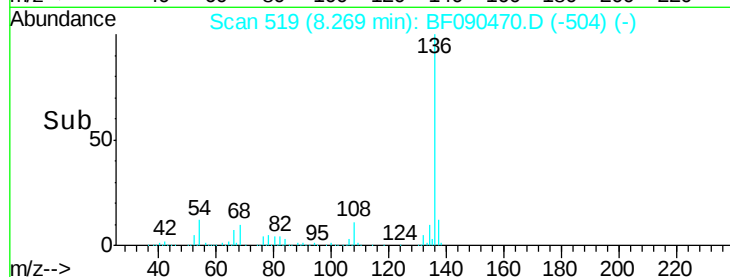


Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

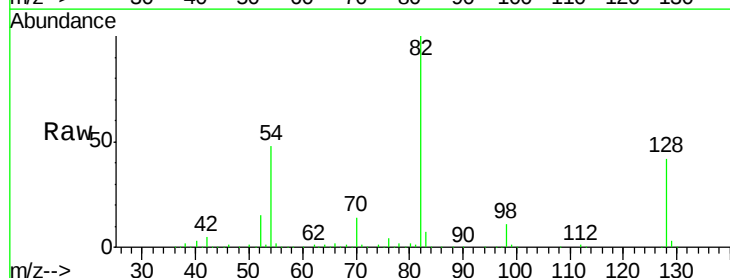
Tgt Ion: 82 Resp: 1461943

Ion Ratio Lower Upper

82 100

128 42.3 40.0 60.0

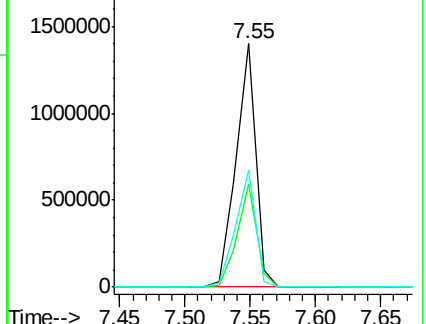
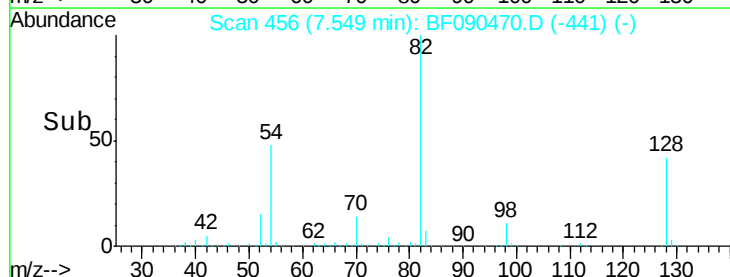
54 47.9 42.6 64.0

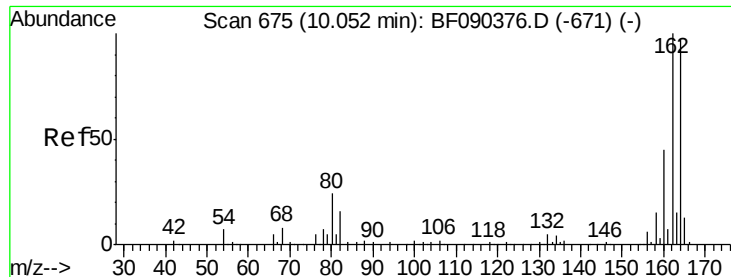


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

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

Instrument :

BNA_F

ClientSampleId :

100516-01

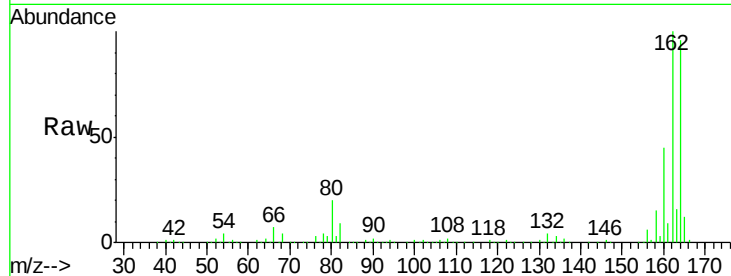
Tgt Ion:164 Resp: 536368

Ion Ratio Lower Upper

164 100

162 104.0 80.1 120.1

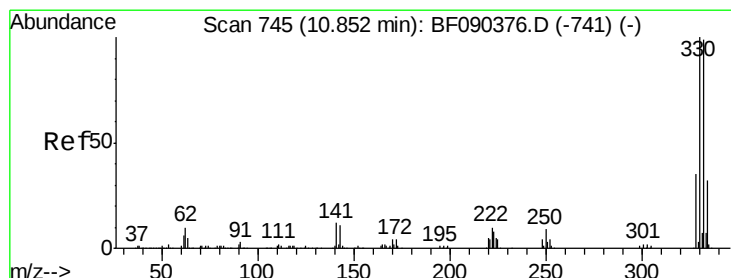
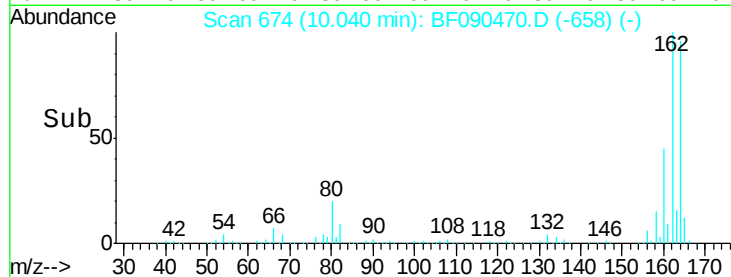
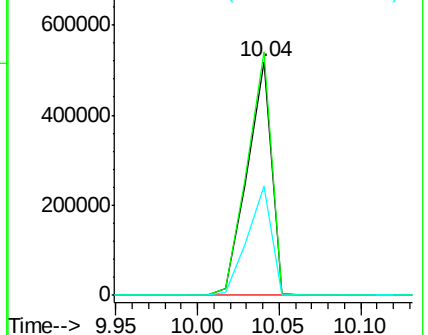
160 46.5 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): 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: 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

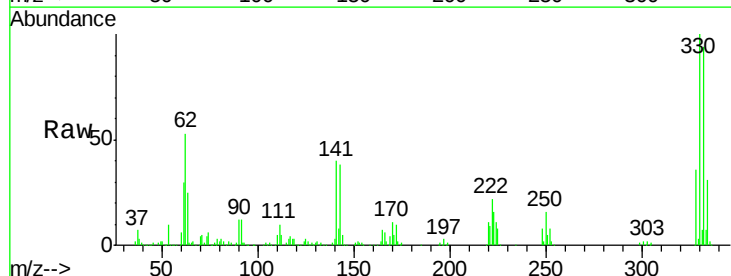
Tgt Ion:330 Resp: 549451

Ion Ratio Lower Upper

330 100

332 95.2 75.4 113.0

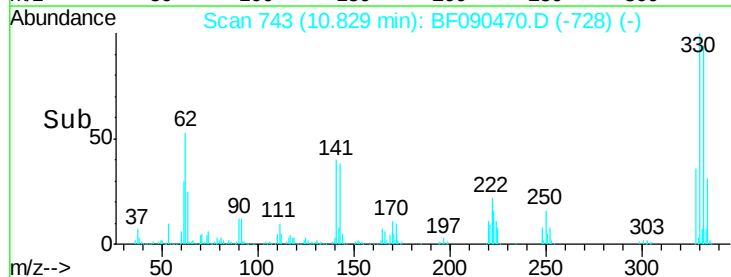
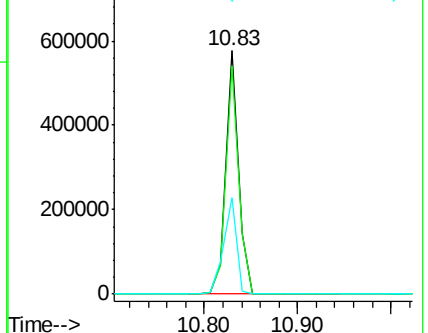
141 39.8 26.9 40.3

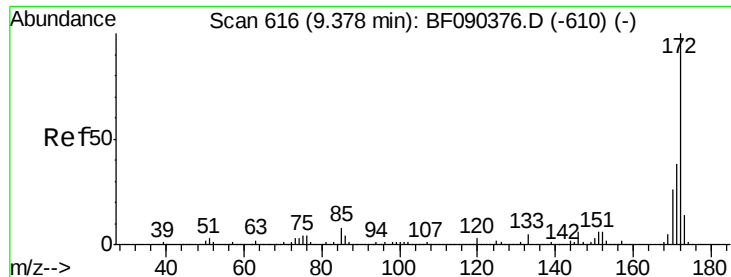


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

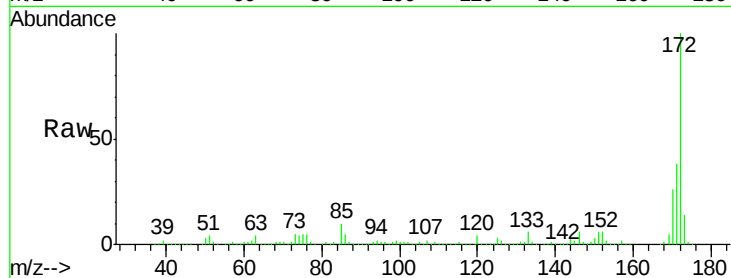




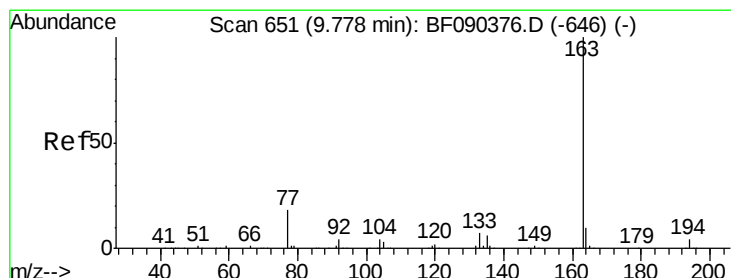
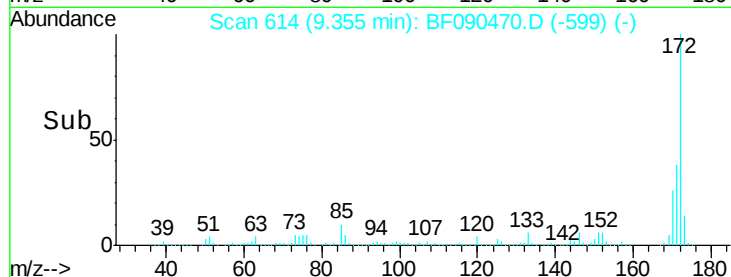
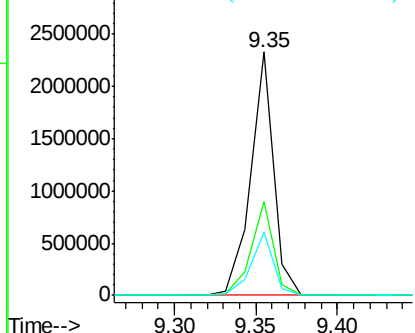
#44
 2-Fluorobiphenyl
 Concen: 70.43 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090470.D
 Acq: 8 Oct 2016 6:27

Instrument :
 BNA_F
 ClientSampleId :
 100516-01

Tgt Ion:172 Resp: 2267312
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.8 47.8
 170 25.9 21.7 32.5

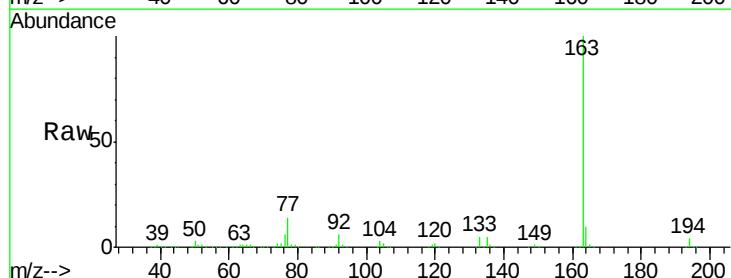


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

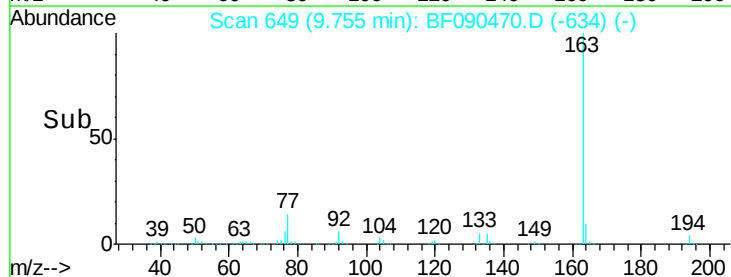
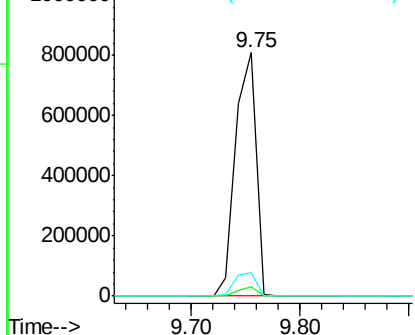


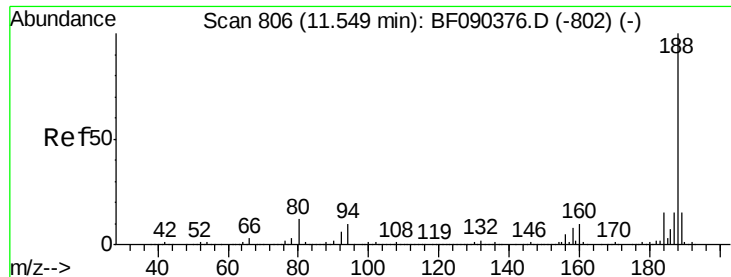
#49
 Dimethylphthalate
 Concen: 30.22 ng
 RT: 9.75 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF090470.D
 Acq: 8 Oct 2016 6:27

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

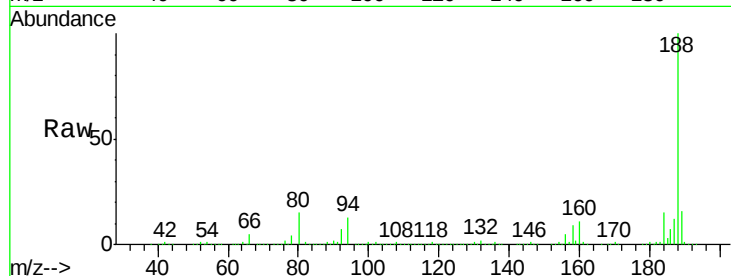




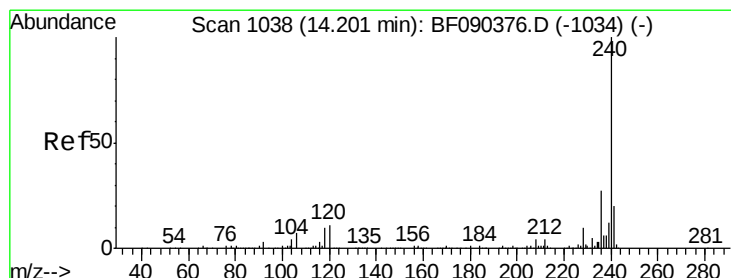
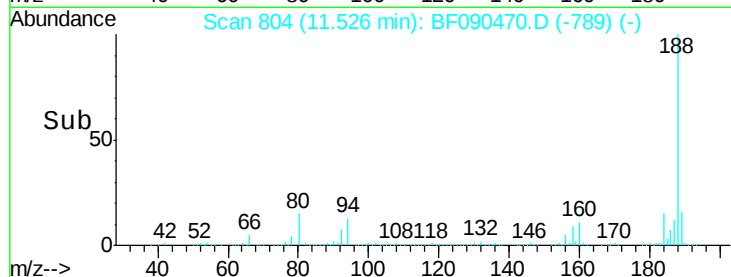
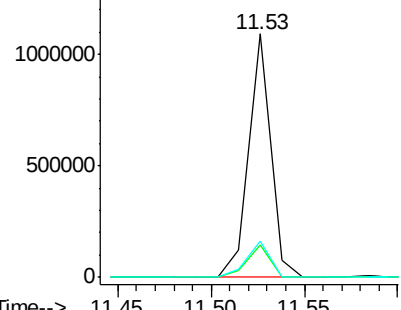
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090470.D
Acq: 8 Oct 2016 6:27

Instrument :
BNA_F
ClientSampleId :
100516-01

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#

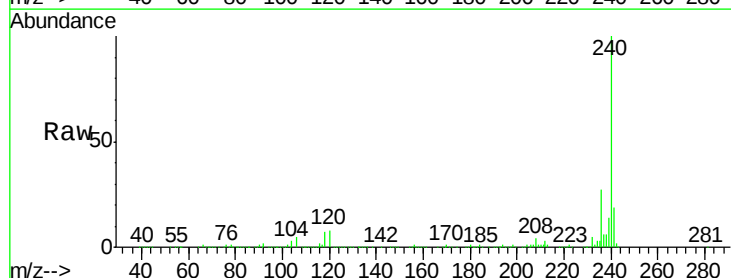


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

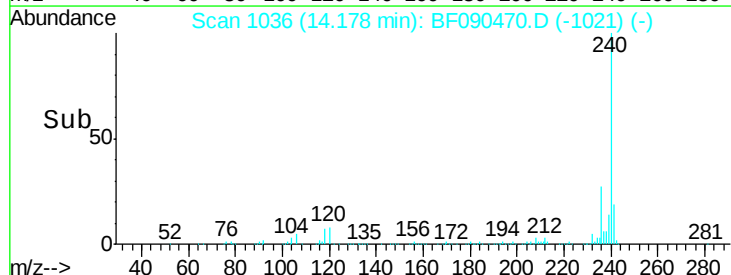
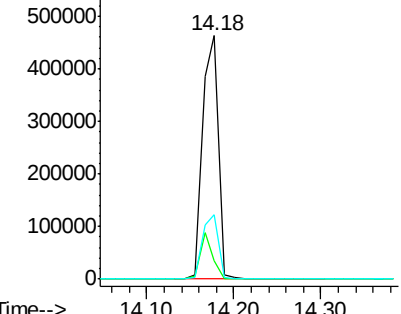


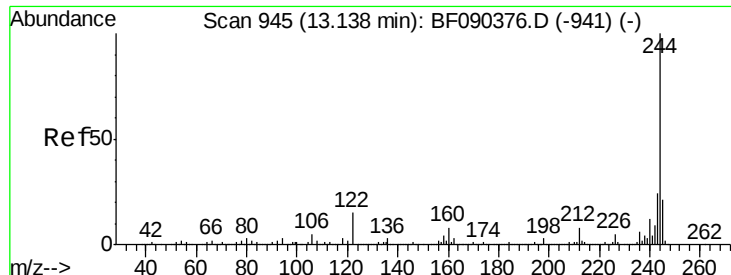
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090470.D
Acq: 8 Oct 2016 6:27

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

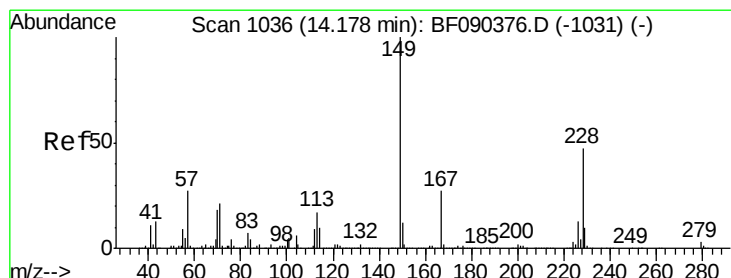
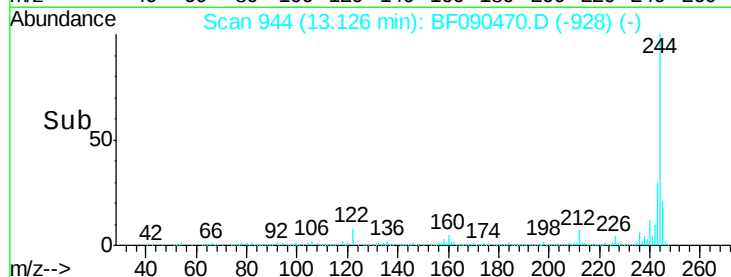
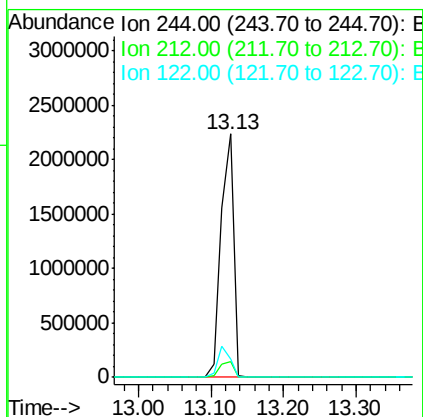
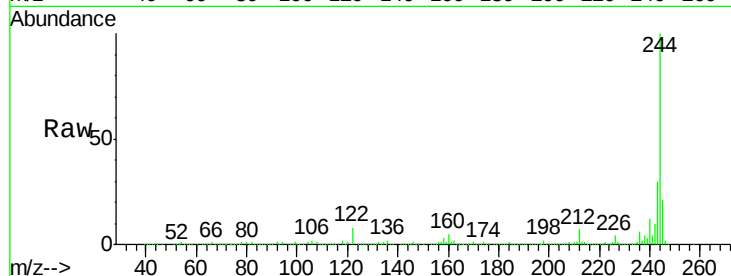




#78
 Terphenyl-d14
 Concen: 101.32 ng
 RT: 13.13 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF090470.D
 Acq: 8 Oct 2016 6:27

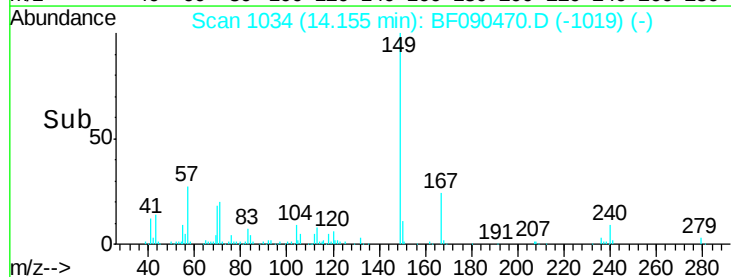
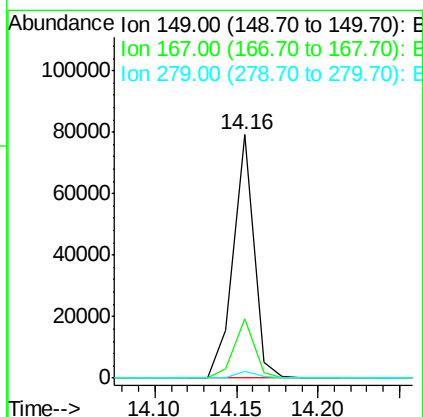
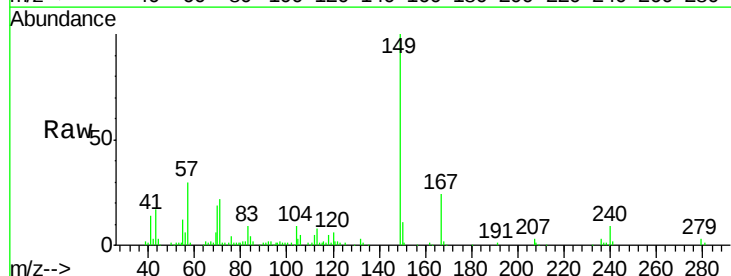
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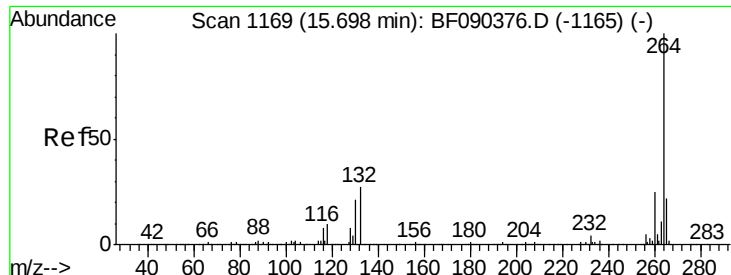
Tgt Ion:244 Resp: 2698955
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.8 10.2#
 122 7.7 13.3 19.9#



#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

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

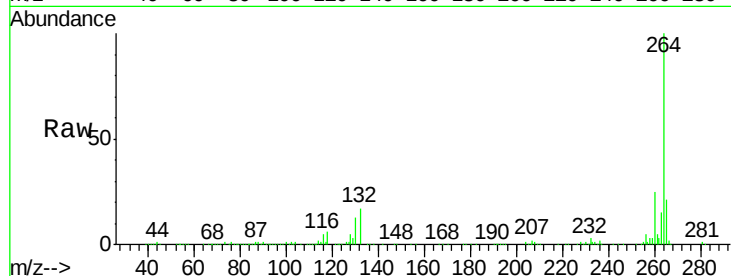




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF090470.D
Acq: 8 Oct 2016 6:27

Instrument :
BNA_F
ClientSampleId :
100516-01

Tgt 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

