

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012117\
 Data File : BF092413.D
 Acq On : 21 Jan 2017 15:22
 Operator : UM/SJ
 Sample : I1326-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-001-ARE

Quant Time: Jan 23 15:01:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 23 01:12:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	119649	20.00	ng	-0.01
21) Naphthalene-d8	7.80	136	508477	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	393153	20.00	ng	-0.01
63) Phenanthrene-d10	11.02	188	627458	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	509271	20.00	ng	-0.01
86) Perylene-d12	15.00	264	391610	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	88812	12.39	ng	0.02
7) Phenol-d6	6.20	99	111791	12.78	ng	0.00
23) Nitrobenzene-d5	7.09	82	68847	7.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	38278	11.76	ng	-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.61	244	209184	9.96	ng	0.00

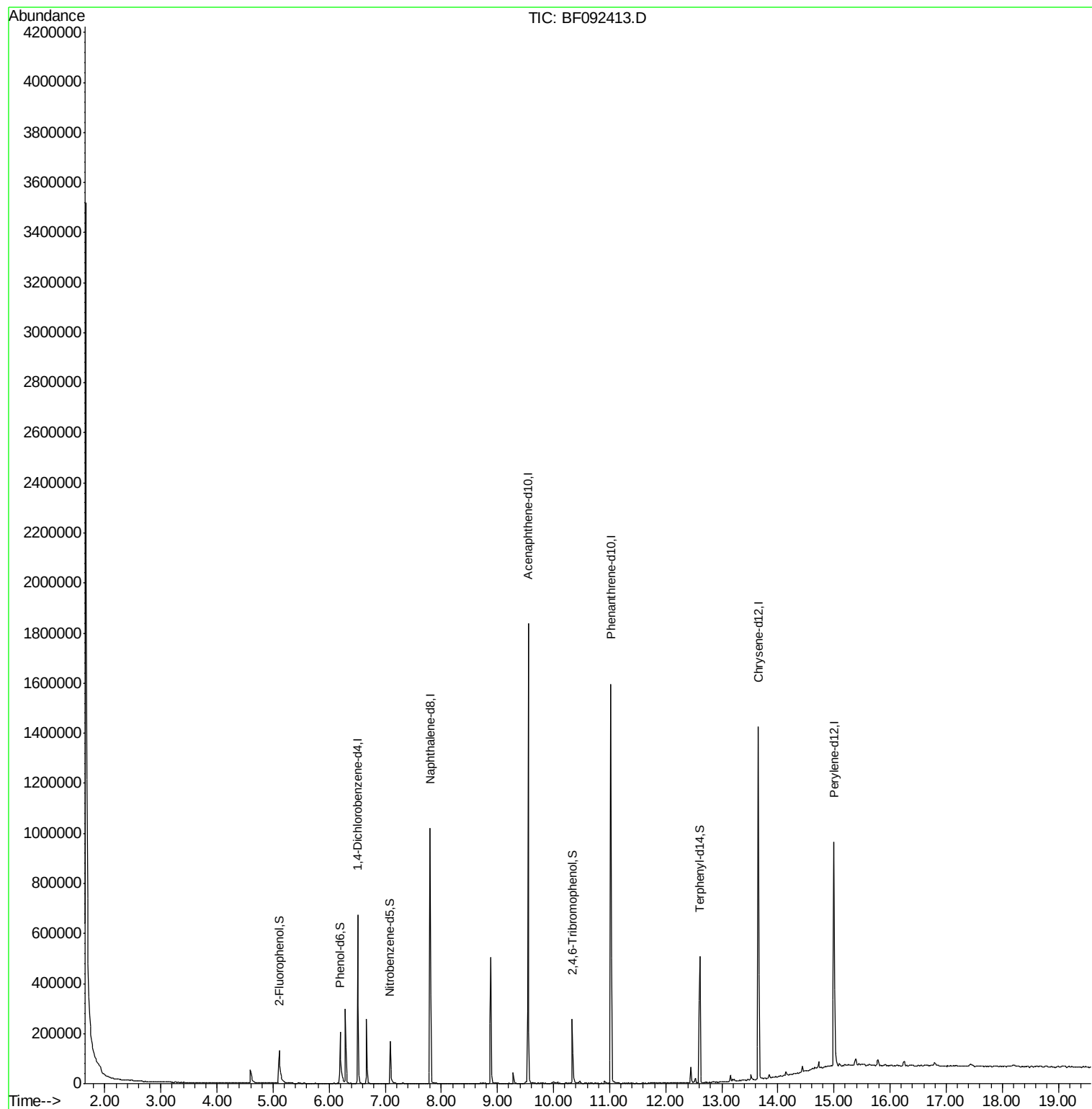
Target Compounds Qvalue

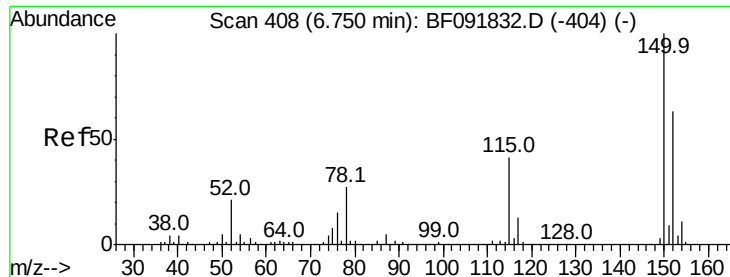
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092413.D

Acq: 21 Jan 2017 15:22

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-ARE

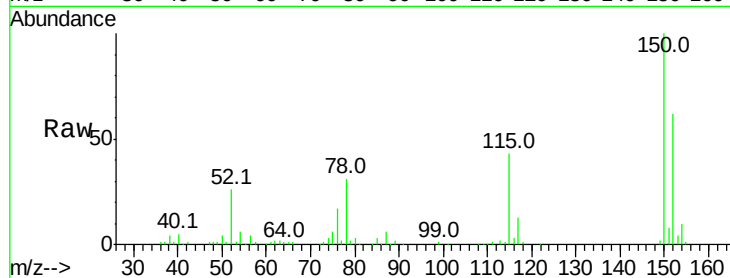
Tot Ion:152 Resp: 119649

Ion Ratio Lower Upper

152 100

150 160.9 124.9 187.3

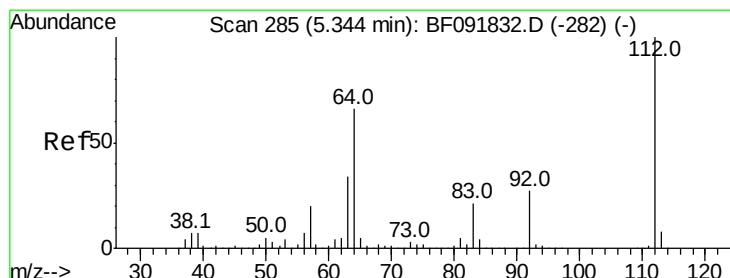
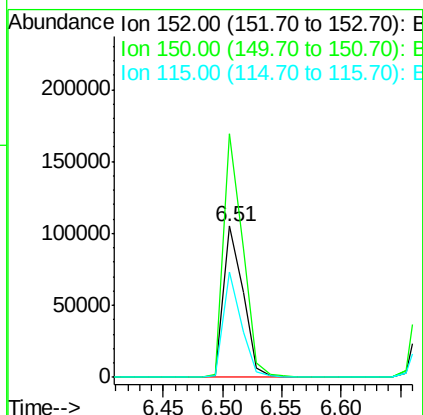
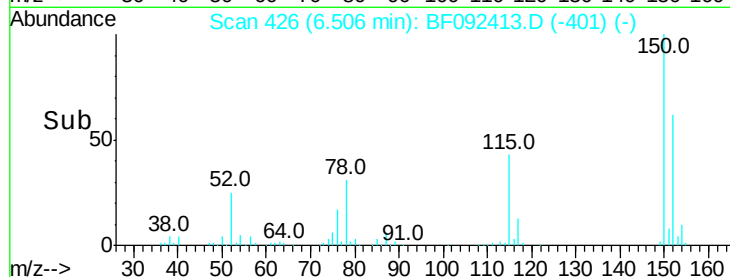
115 69.2 46.0 69.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 12.39 ng

RT: 5.11 min Scan# 304

Delta R.T. 0.02 min

Lab File: BF092413.D

Acq: 21 Jan 2017 15:22

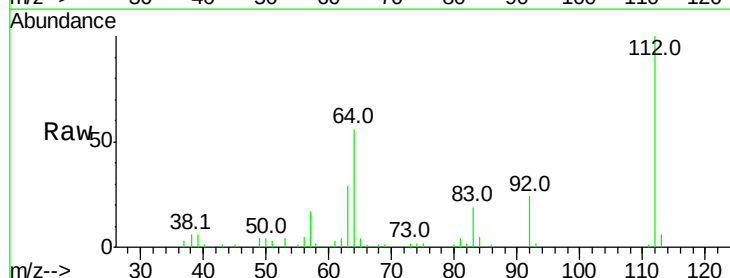
Tgt Ion:112 Resp: 88812

Ion Ratio Lower Upper

112 100

64 56.2 46.1 69.1

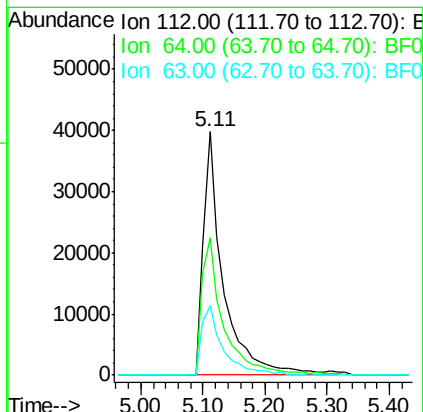
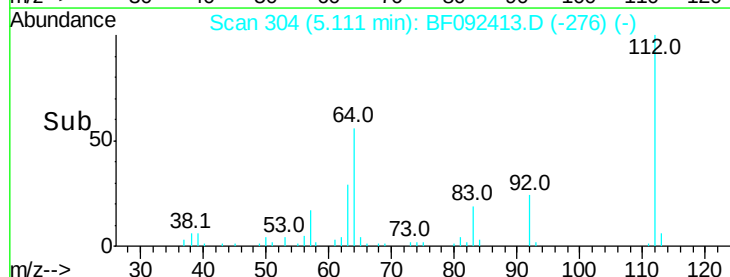
63 28.6 23.8 35.6

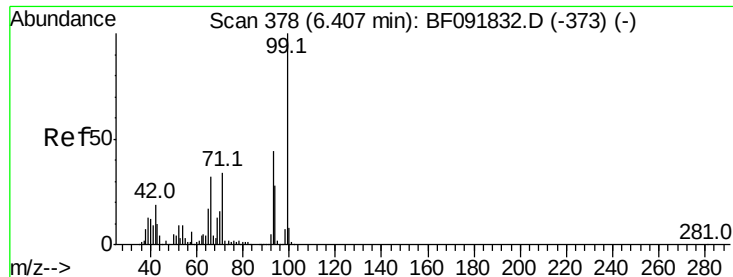


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.78 ng

RT: 6.20 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF092413.D

Acq: 21 Jan 2017 15:22

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-ARE

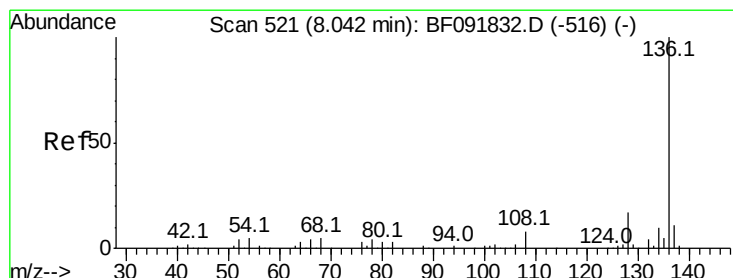
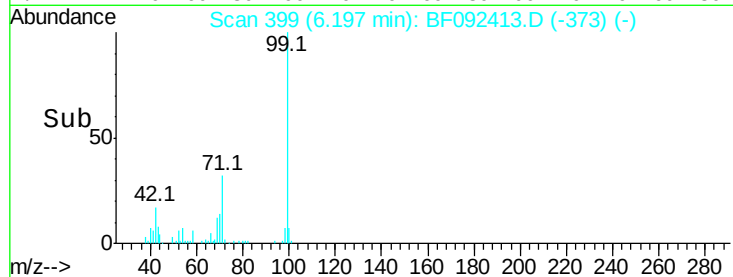
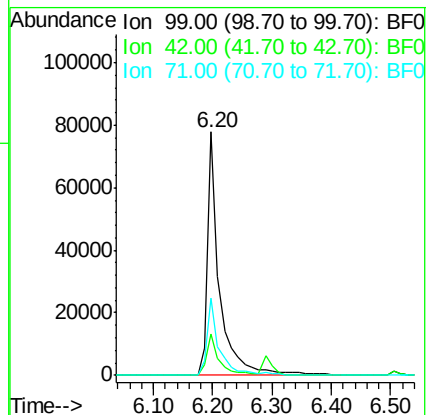
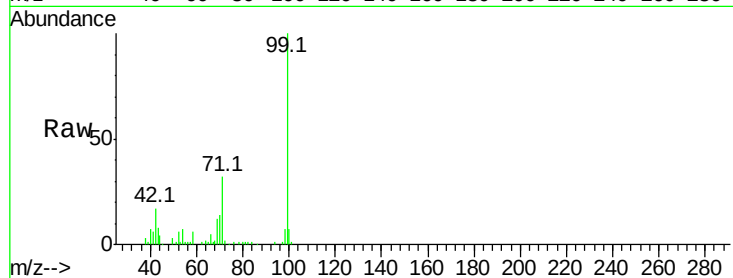
Tot Ion: 99 Resp: 111791

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

71 31.6 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF092413.D

Acq: 21 Jan 2017 15:22

Tgt Ion: 136 Resp: 508477

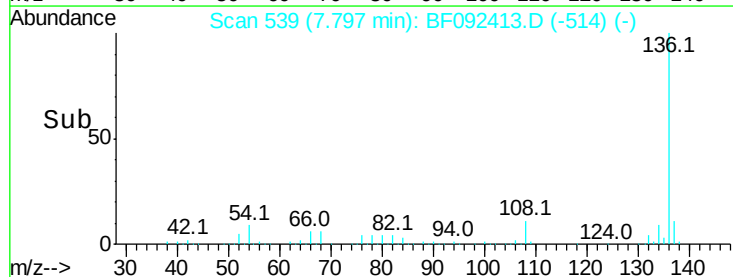
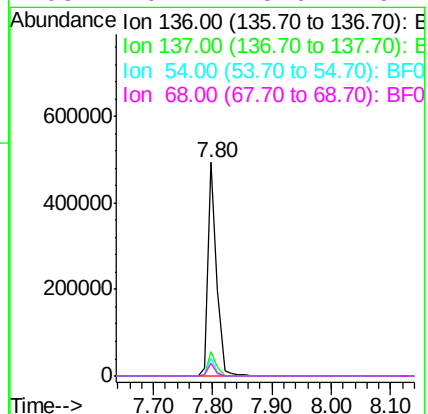
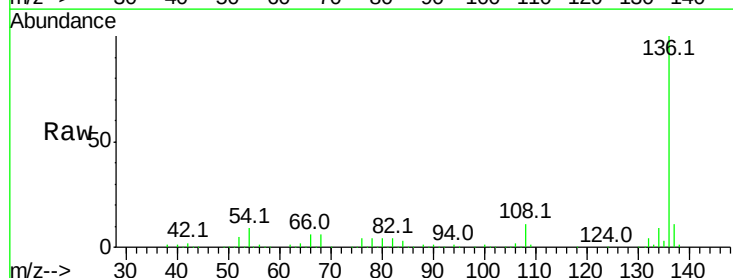
Ion Ratio Lower Upper

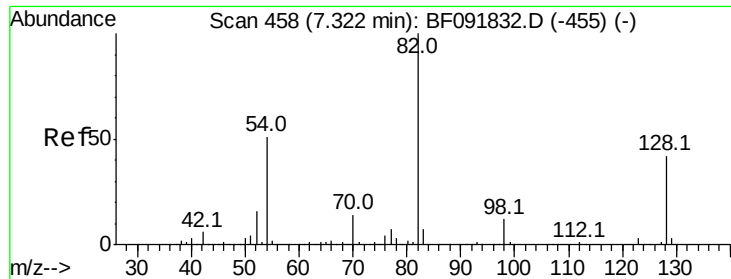
136 100

137 11.2 8.4 12.6

54 8.7 4.5 6.7#

68 6.2 3.6 5.4#

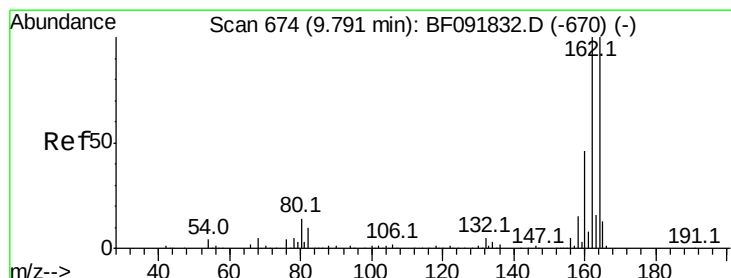
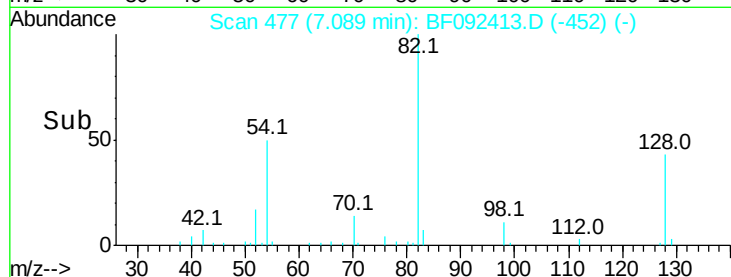
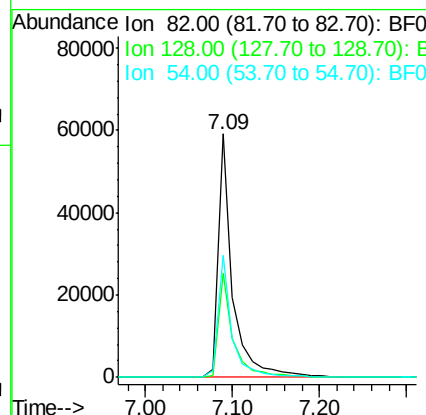
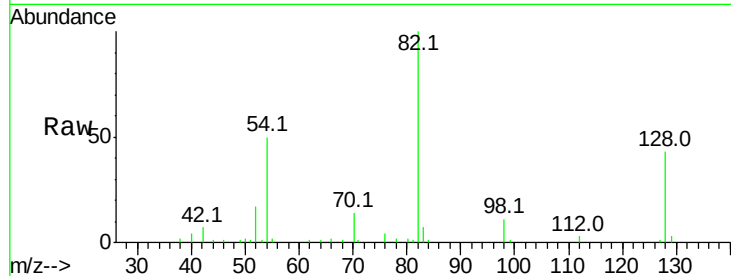




#23
 Nitrobenzene-d5
 Concen: 7.53 ng
 RT: 7.09 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF092413.D
 Acq: 21 Jan 2017 15:22

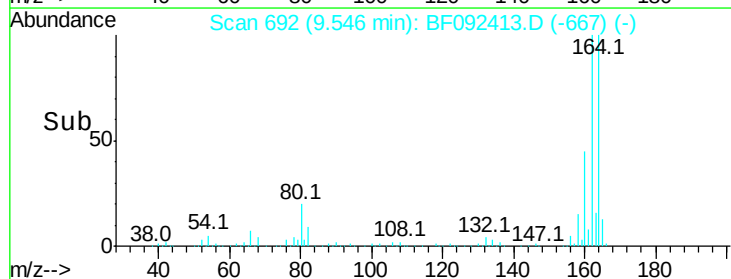
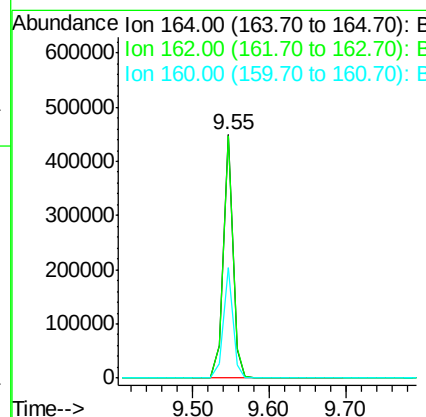
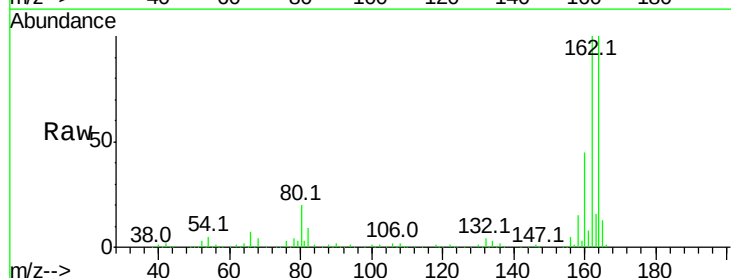
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-001-ARE

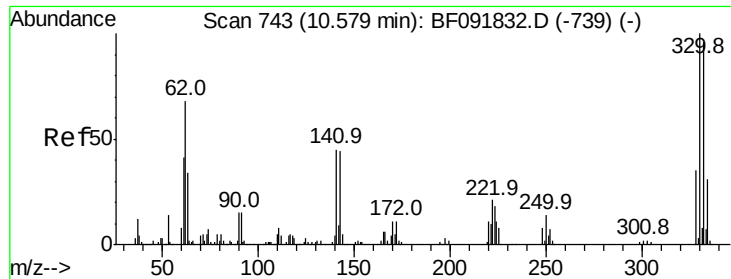
Tot Ion	82	Resp	68847
Ion Ratio	Lower	Upper	
82	100		
128	42.5	34.6	52.0
54	50.1	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092413.D
 Acq: 21 Jan 2017 15:22

Tgt Ion	164	Resp	393153
Ion Ratio	Lower	Upper	
164	100		
162	99.7	80.2	120.2
160	45.2	36.9	55.3

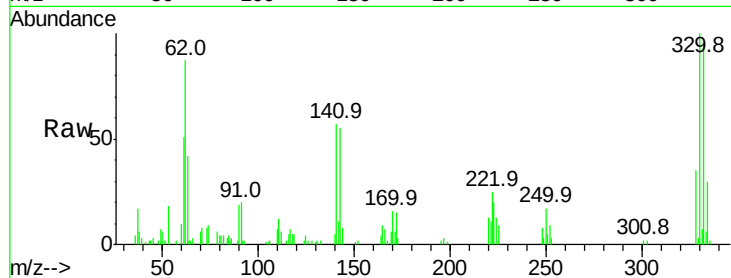




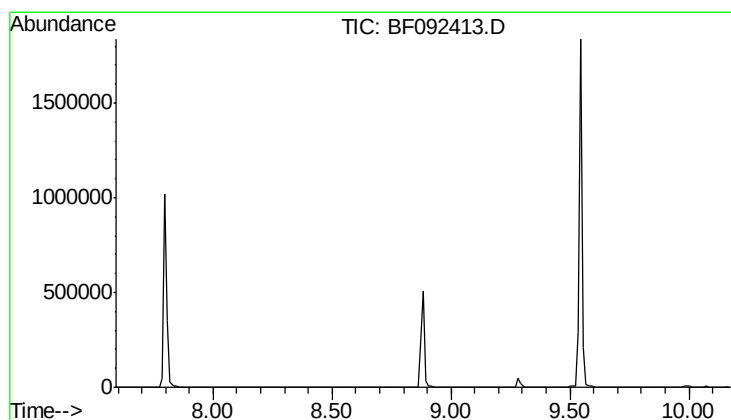
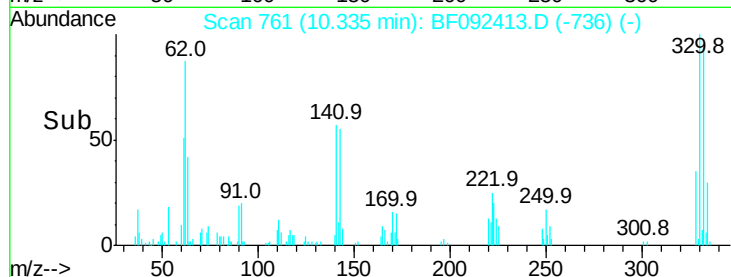
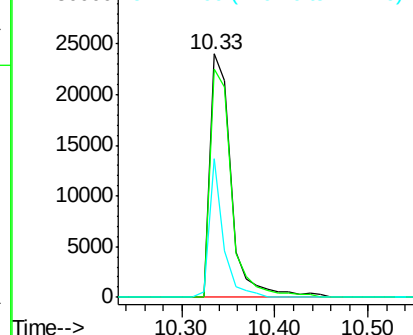
#41
 2,4,6-Tribromophenol
 Concen: 11.76 ng
 RT: 10.33 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF092413.D
 Acq: 21 Jan 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-001-ARE

Tot Ion:330 Resp: 38278
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.4 116.2
 141 37.2 34.1 51.1



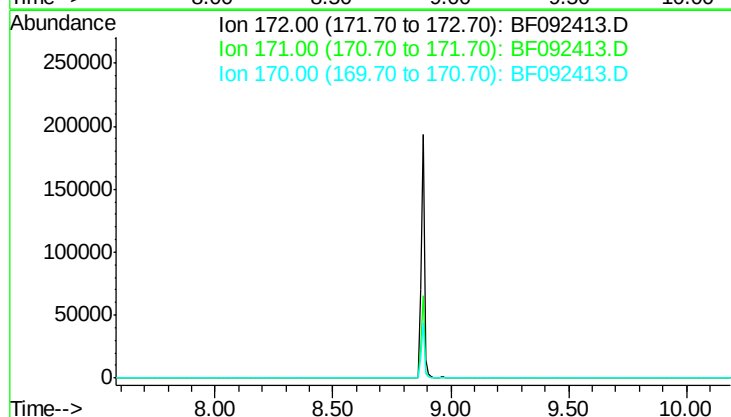
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

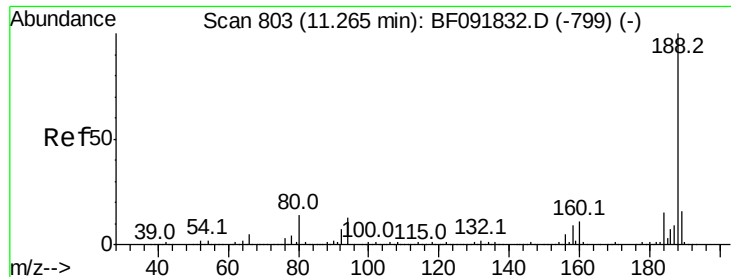


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 8.88 min

Lab File: BF092413.D
 Acq: 21 Jan 2017 15:22

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 36.7
 170 25.3

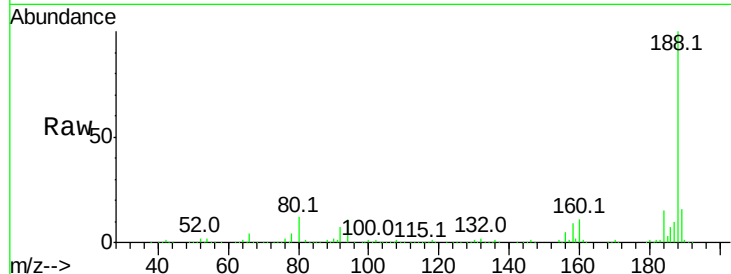




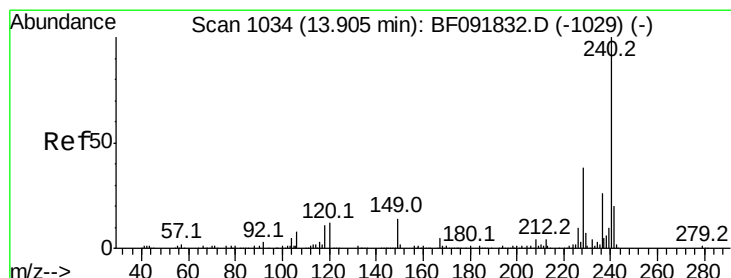
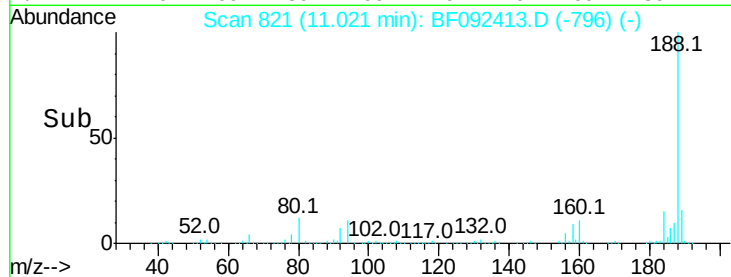
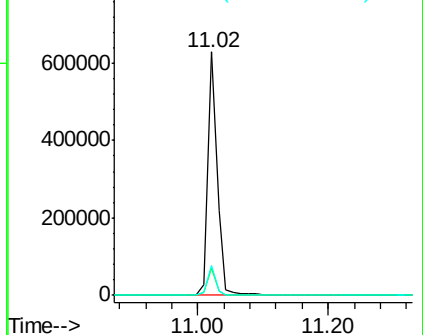
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092413.D
 Acq: 21 Jan 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-001-ARE

Tot Ion:188 Resp: 627458
 Ion Ratio Lower Upper
 188 100
 94 11.4 10.0 15.0
 80 12.3 11.2 16.8

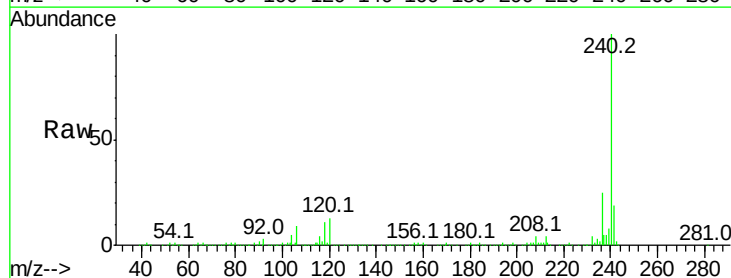


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

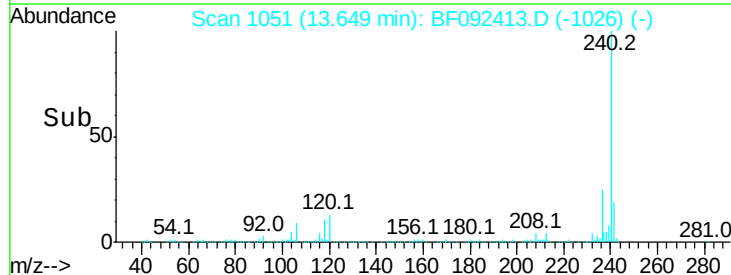
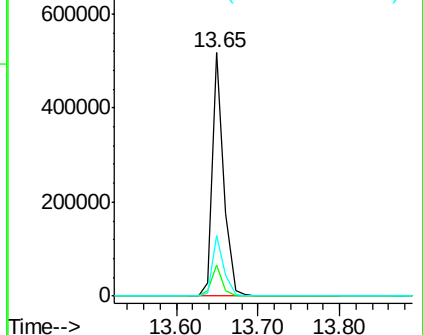


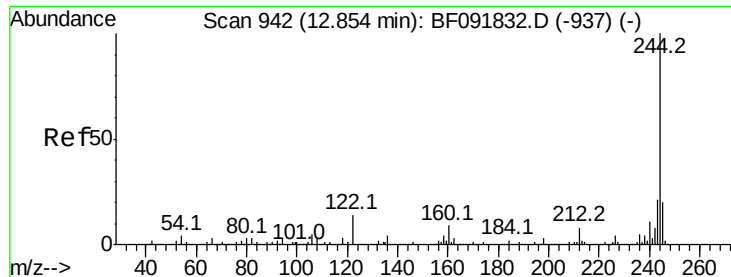
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.65 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF092413.D
 Acq: 21 Jan 2017 15:22

Tgt Ion:240 Resp: 509271
 Ion Ratio Lower Upper
 240 100
 120 13.0 12.9 19.3
 236 25.1 20.9 31.3



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: 9.96 ng

RT: 12.61 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF092413.D

Acq: 21 Jan 2017 15:22

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-ARE

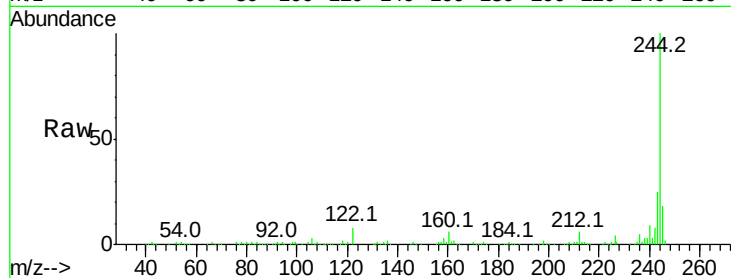
Tot Ion:244 Resp: 209184

Ion Ratio Lower Upper

244 100

212 6.0 6.2 9.2#

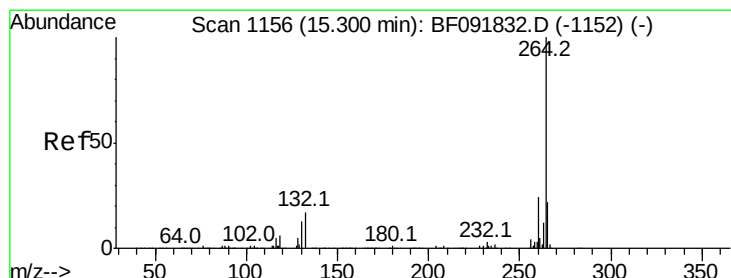
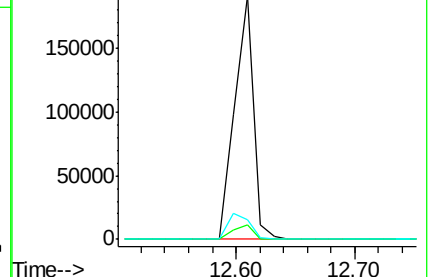
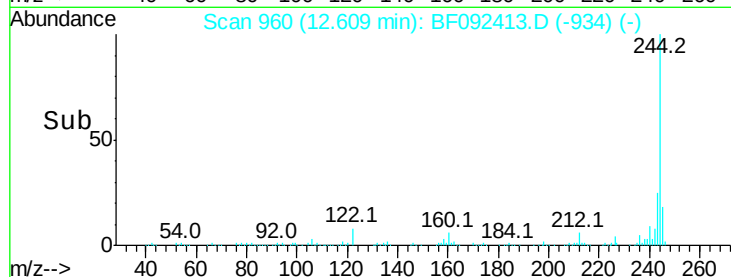
122 8.2 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.00 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF092413.D

Acq: 21 Jan 2017 15:22

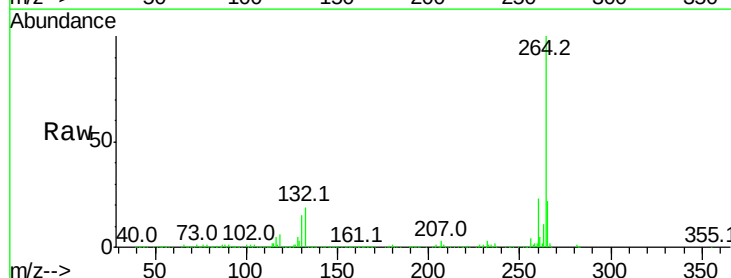
Tgt Ion:264 Resp: 391610

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.0 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

