

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090459.D
 Acq On : 7 Oct 2016 22:24
 Operator : UM/SJ
 Sample : PB93867BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93867BL

Quant Time: Oct 08 00:36:23 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	243572	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	978419	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	529700	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	801974	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	460899	20.00	ng	-0.02
86) Perylene-d12	15.68	264	389752	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1890822	115.86	ng	0.01
7) Phenol-d6	6.62	99	2152863	100.72	ng	0.00
23) Nitrobenzene-d5	7.55	82	1389158	69.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	435014	101.00	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	2295570	72.21	ng	-0.02
78) Terphenyl-d14	13.11	244	2006210	97.86	ng	-0.02

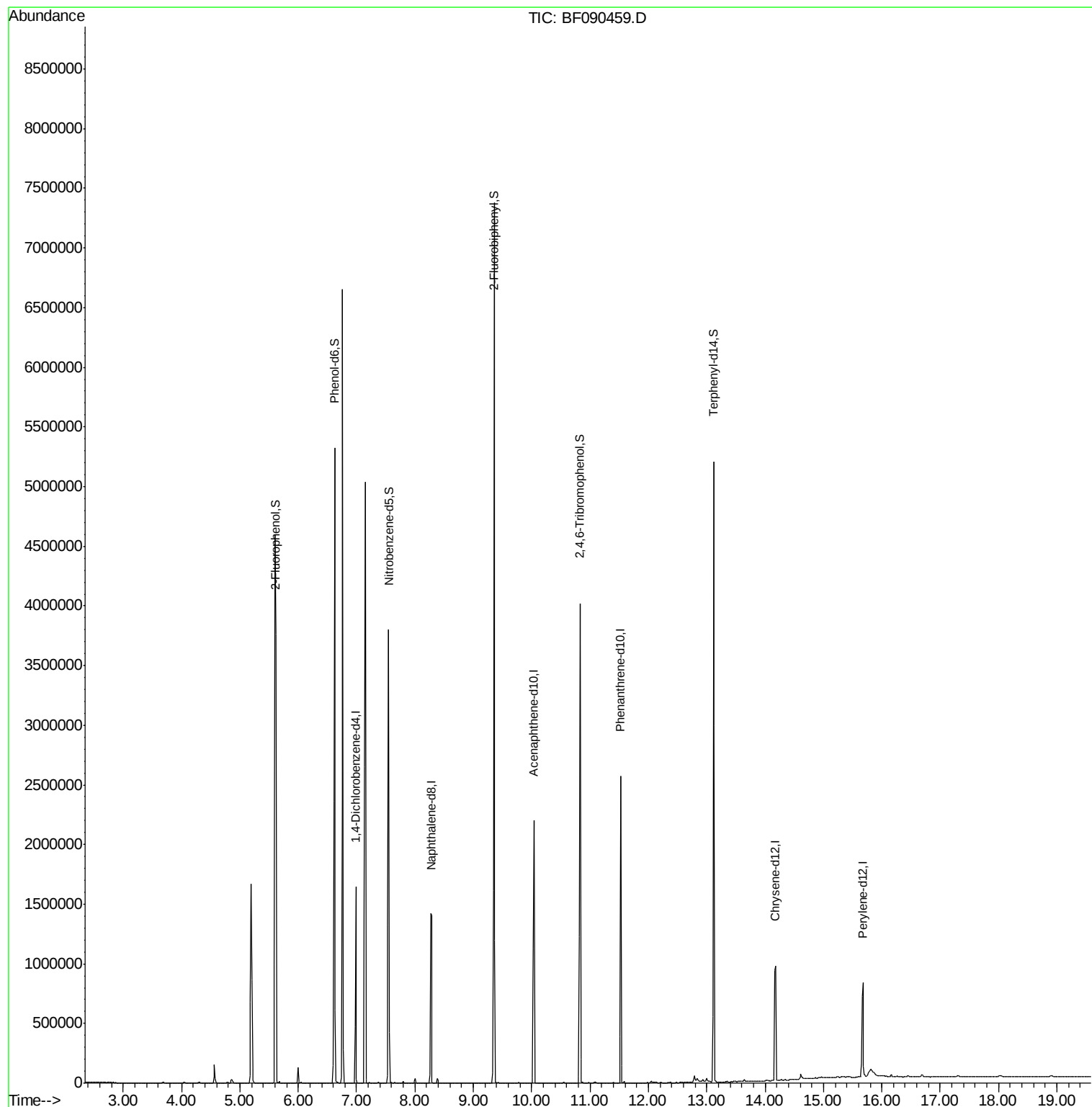
Target Compounds	Qvalue
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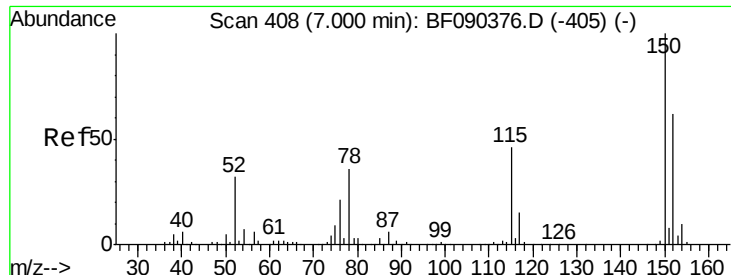
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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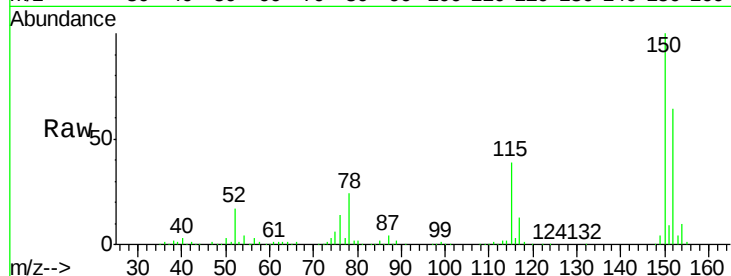




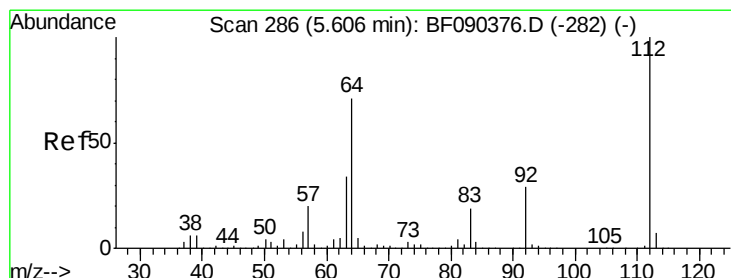
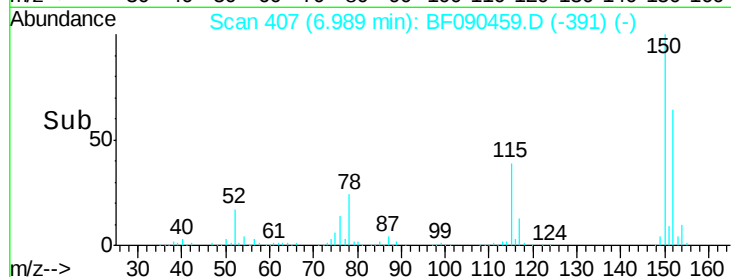
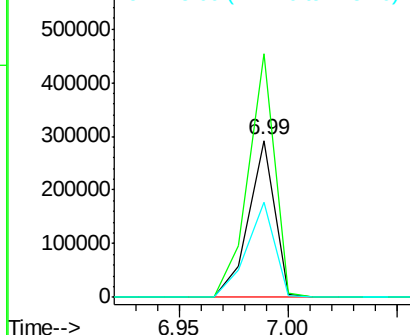
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.99 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF090459.D
 Acq: 7 Oct 2016 22:24

Instrument :
 BNA_F
 ClientSampleID :
 PB93867BL

Tgt Ion:152 Resp: 243572
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 60.3 46.2 69.4

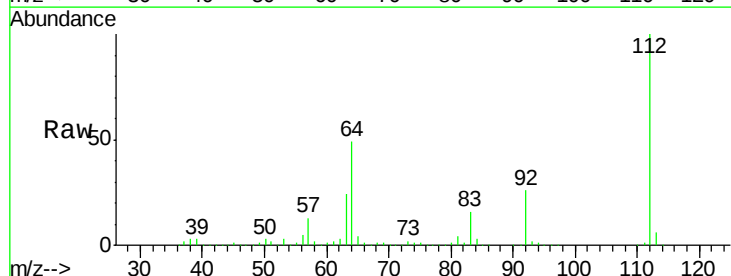


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

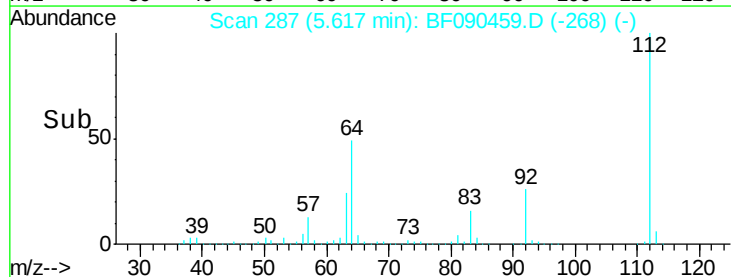
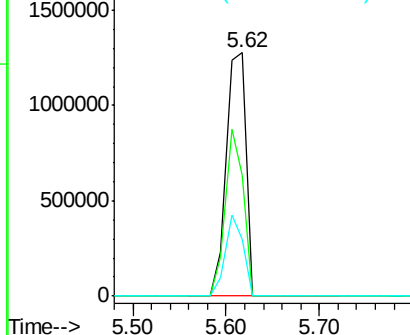


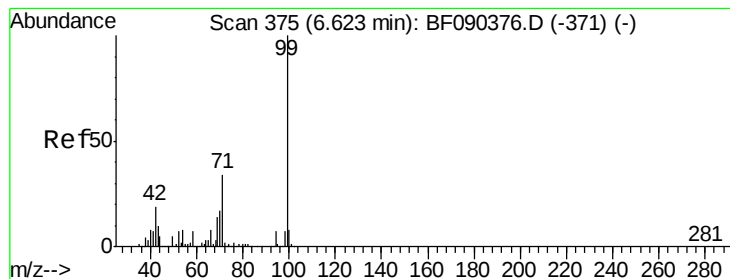
#5
 2-Fluorophenol
 Concen: 115.86 ng
 RT: 5.62 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: BF090459.D
 Acq: 7 Oct 2016 22:24

Tgt Ion:112 Resp: 1890822
 Ion Ratio Lower Upper
 112 100
 64 49.4 57.9 86.9#
 63 23.5 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: 100.72 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090459.D

Acq: 7 Oct 2016 22:24

Instrument :

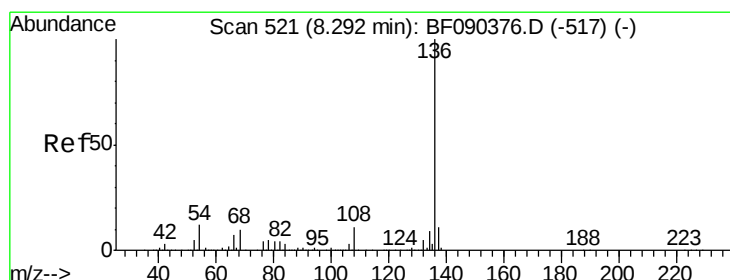
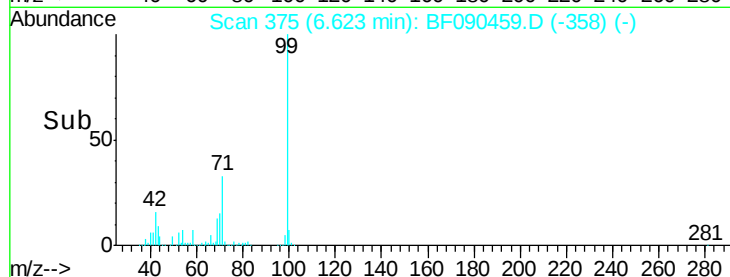
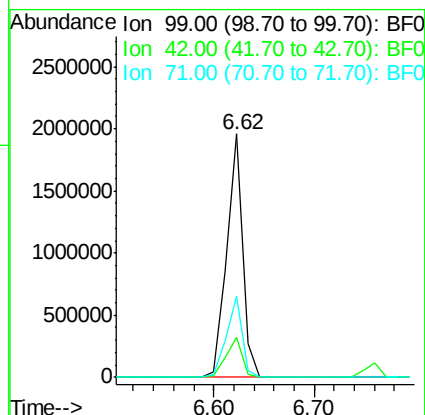
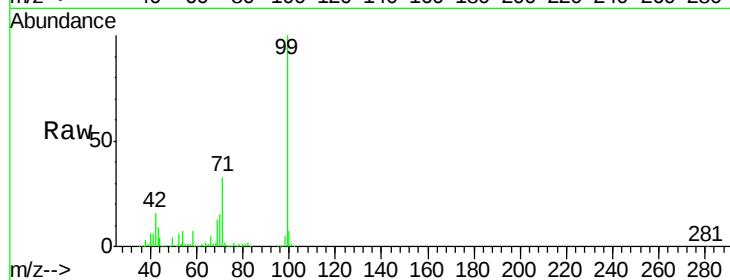
BNA_F

ClientSampleId :

PB93867BL

Tgt Ion: 99 Resp: 2152863

Ion	Ratio	Lower	Upper
99	100		
42	16.5	20.0	30.0#
71	33.5	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 520

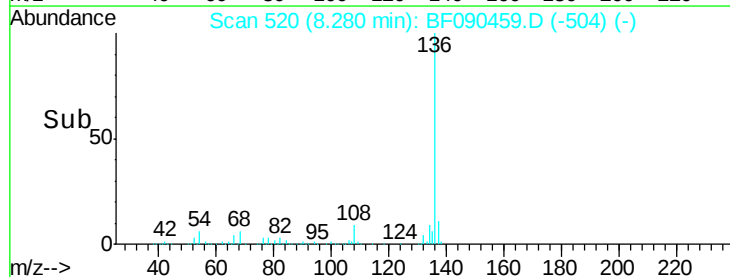
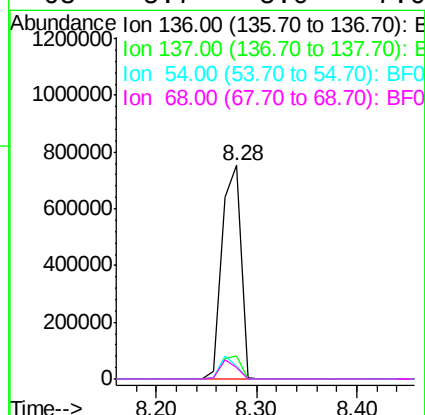
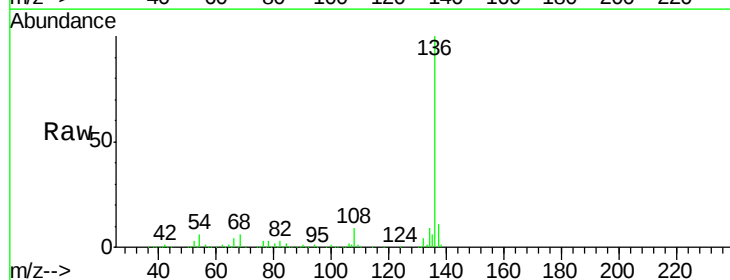
Delta R.T. -0.01 min

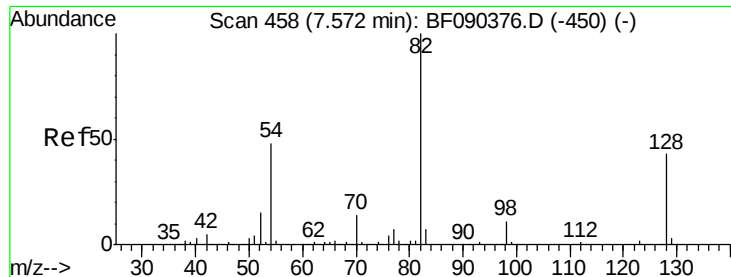
Lab File: BF090459.D

Acq: 7 Oct 2016 22:24

Tgt Ion: 136 Resp: 978419

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	5.9	6.6	10.0#
68	5.7	5.0	7.6

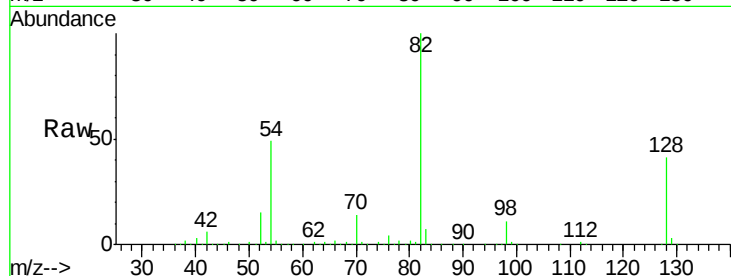




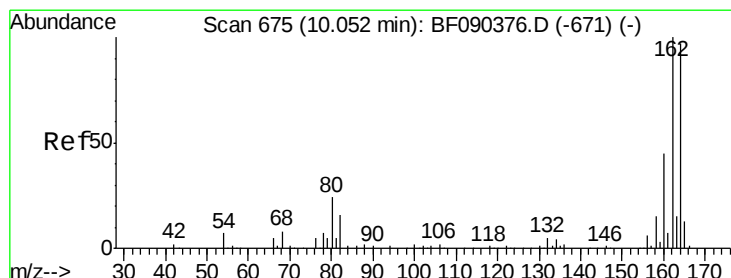
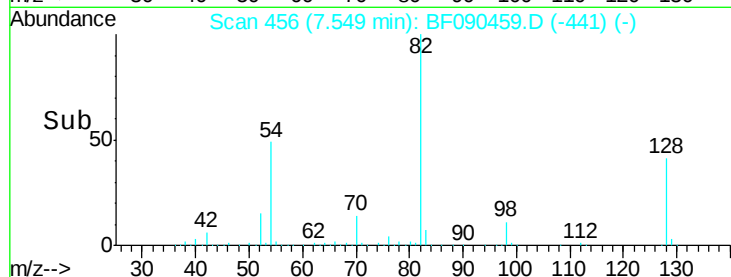
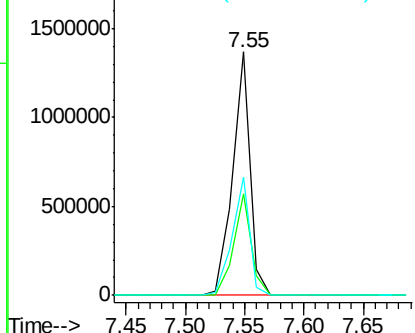
#23
 Nitrobenzene-d5
 Concen: 69.06 ng
 RT: 7.55 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF090459.D
 Acq: 7 Oct 2016 22:24

Instrument :
 BNA_F
 ClientSampleId :
 PB93867BL

Tgt Ion: 82 Resp: 1389158
 Ion Ratio Lower Upper
 82 100
 128 41.5 40.0 60.0
 54 48.7 42.6 64.0

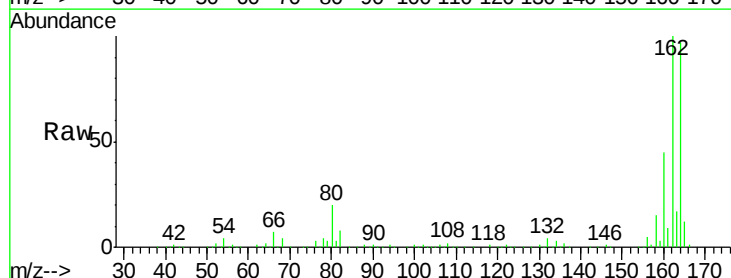


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

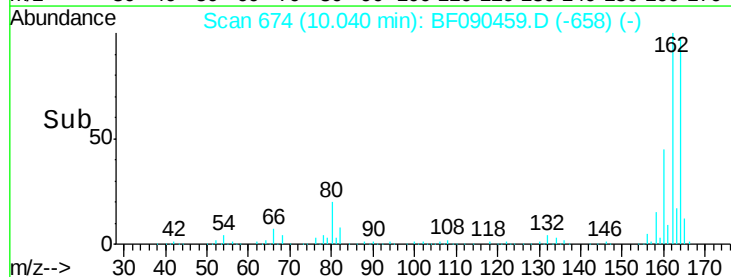
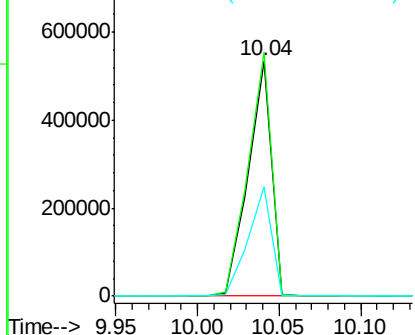


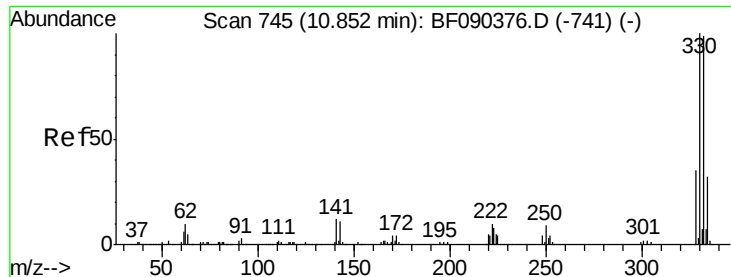
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF090459.D
 Acq: 7 Oct 2016 22:24

Tgt Ion: 164 Resp: 529700
 Ion Ratio Lower Upper
 164 100
 162 103.5 80.1 120.1
 160 46.3 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

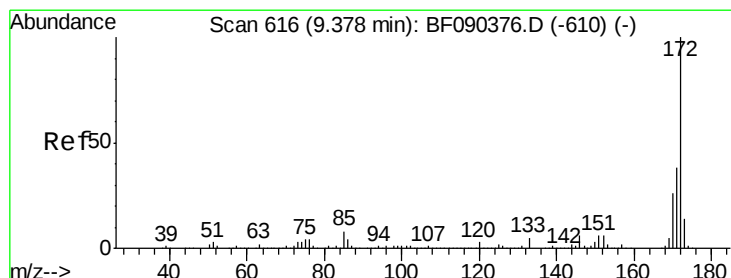
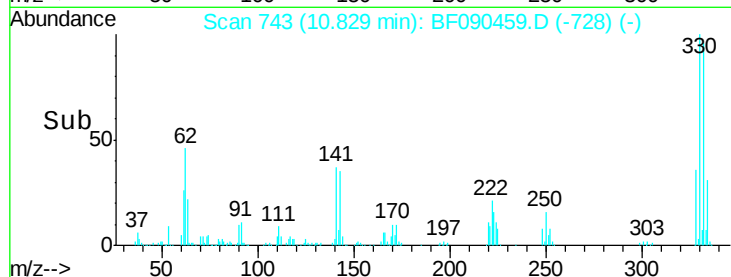
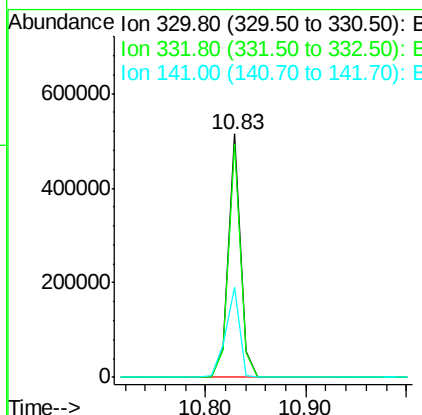
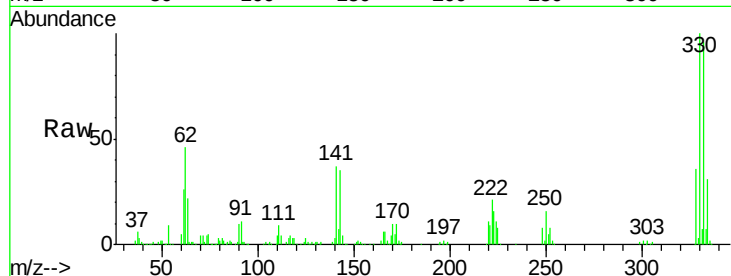




#41
 2,4,6-Tribromophenol
 Concen: 101.00 ng
 RT: 10.83 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF090459.D
 Acq: 7 Oct 2016 22:24

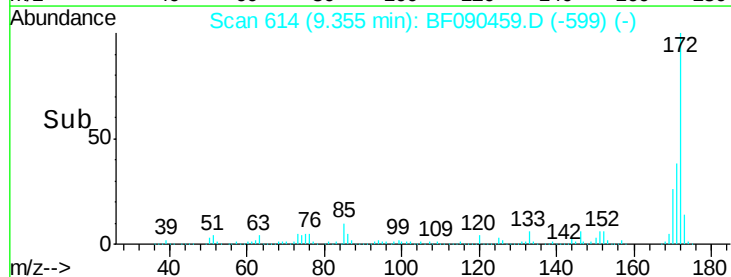
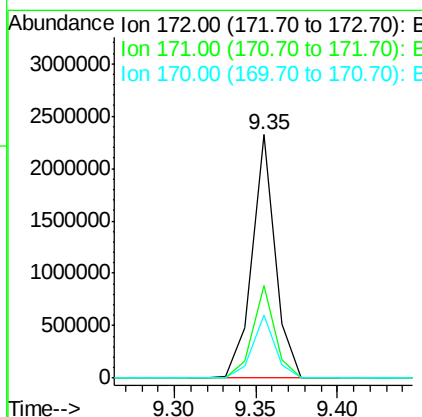
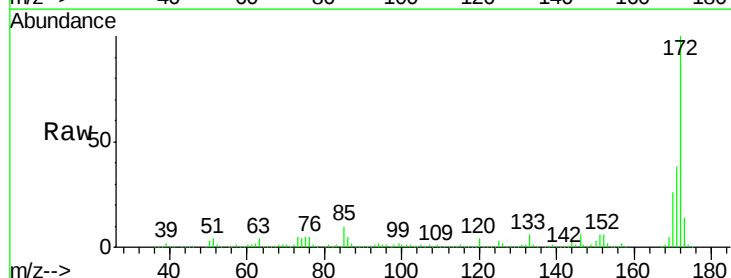
Instrument :
 BNA_F
 ClientSampleId :
 PB93867BL

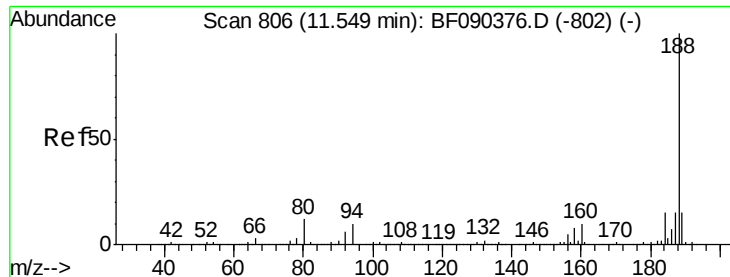
Tgt Ion:330 Resp: 435014
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.0
 141 42.0 26.9 40.3#



#44
 2-Fluorobiphenyl
 Concen: 72.21 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090459.D
 Acq: 7 Oct 2016 22:24

Tgt Ion:172 Resp: 2295570
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.8 47.8
 170 26.0 21.7 32.5

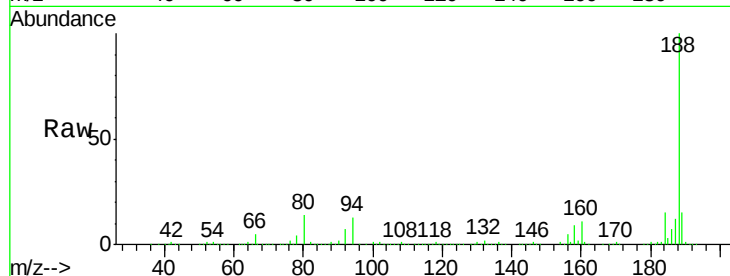




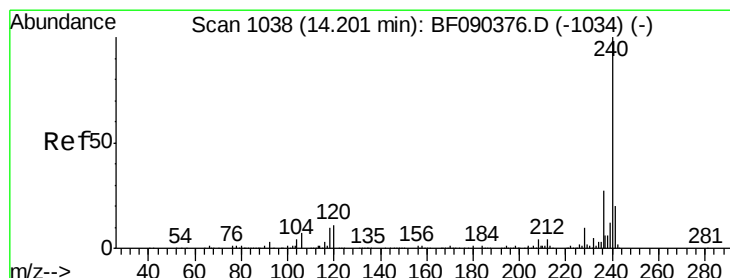
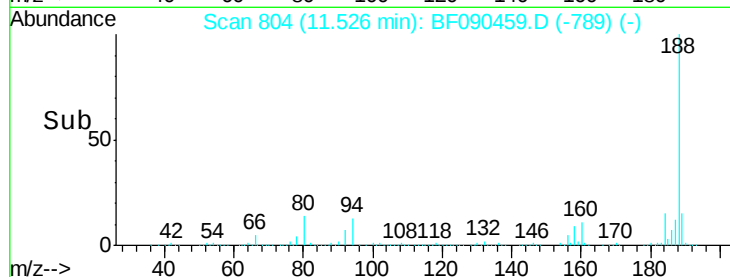
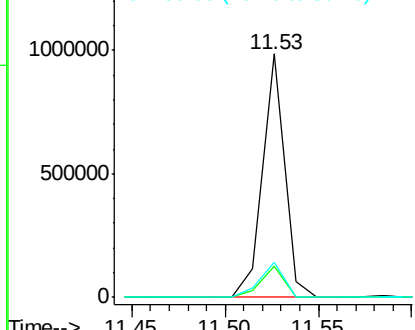
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090459.D
Acq: 7 Oct 2016 22:24

Instrument :
BNA_F
ClientSampled :
PB93867BL

Tgt Ion:188 Resp: 801974
Ion Ratio Lower Upper
188 100
94 12.8 8.2 12.2#
80 14.4 8.8 13.2#

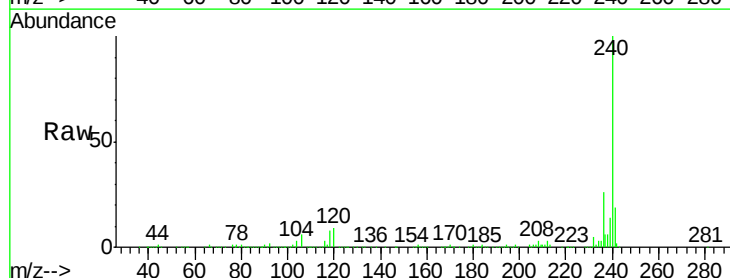


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

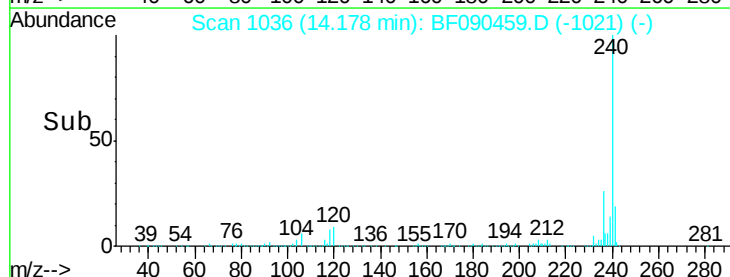
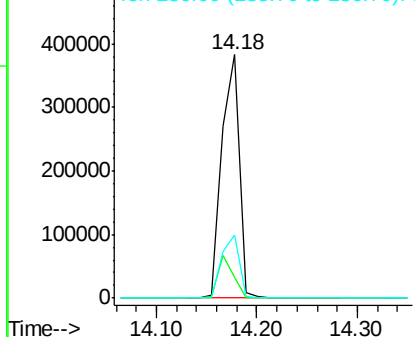


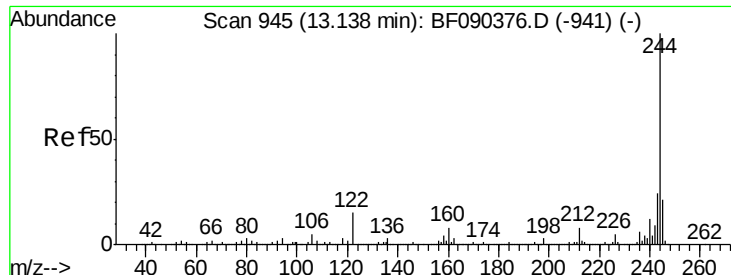
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090459.D
Acq: 7 Oct 2016 22:24

Tgt Ion:240 Resp: 460899
Ion Ratio Lower Upper
240 100
120 8.8 8.6 13.0
236 26.2 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: 97.86 ng

RT: 13.11 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF090459.D

Acq: 7 Oct 2016 22:24

Instrument :

BNA_F

ClientSampleId :

PB93867BL

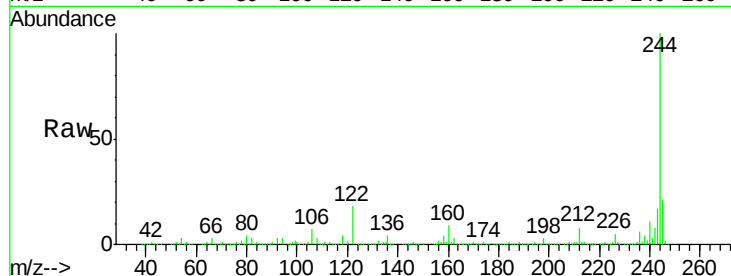
Tgt Ion:244 Resp: 2006210

Ion Ratio Lower Upper

244 100

212 7.6 6.8 10.2

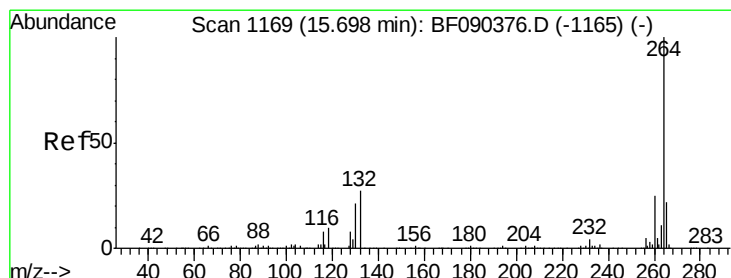
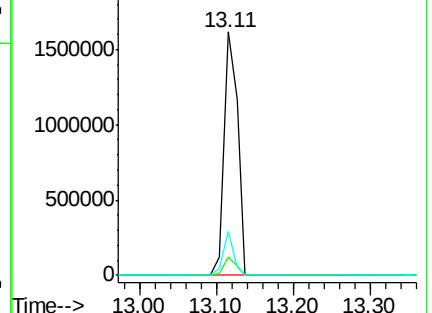
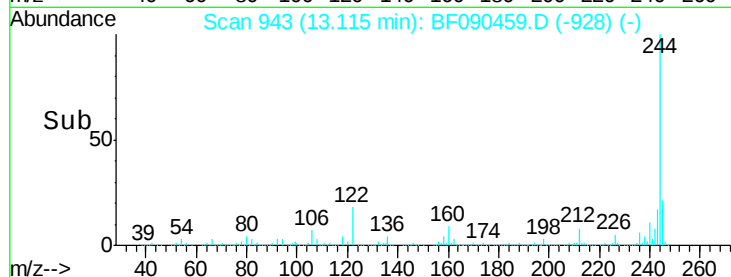
122 18.2 13.3 19.9



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.68 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF090459.D

Acq: 7 Oct 2016 22:24

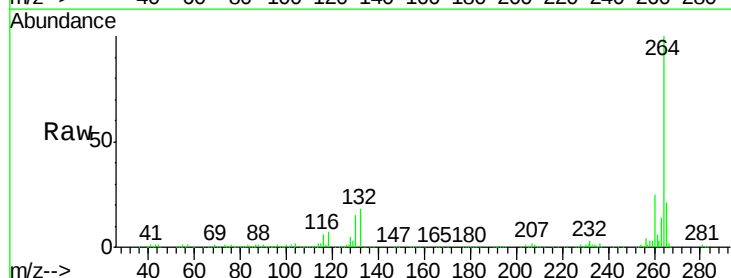
Tgt Ion:264 Resp: 389752

Ion Ratio Lower Upper

264 100

260 24.8 19.3 28.9

265 21.2 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

