

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
 Data File : BF090435.D
 Acq On : 6 Oct 2016 23:04
 Operator : UM/SJ
 Sample : H5121-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2

Quant Time: Oct 07 00:35:51 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

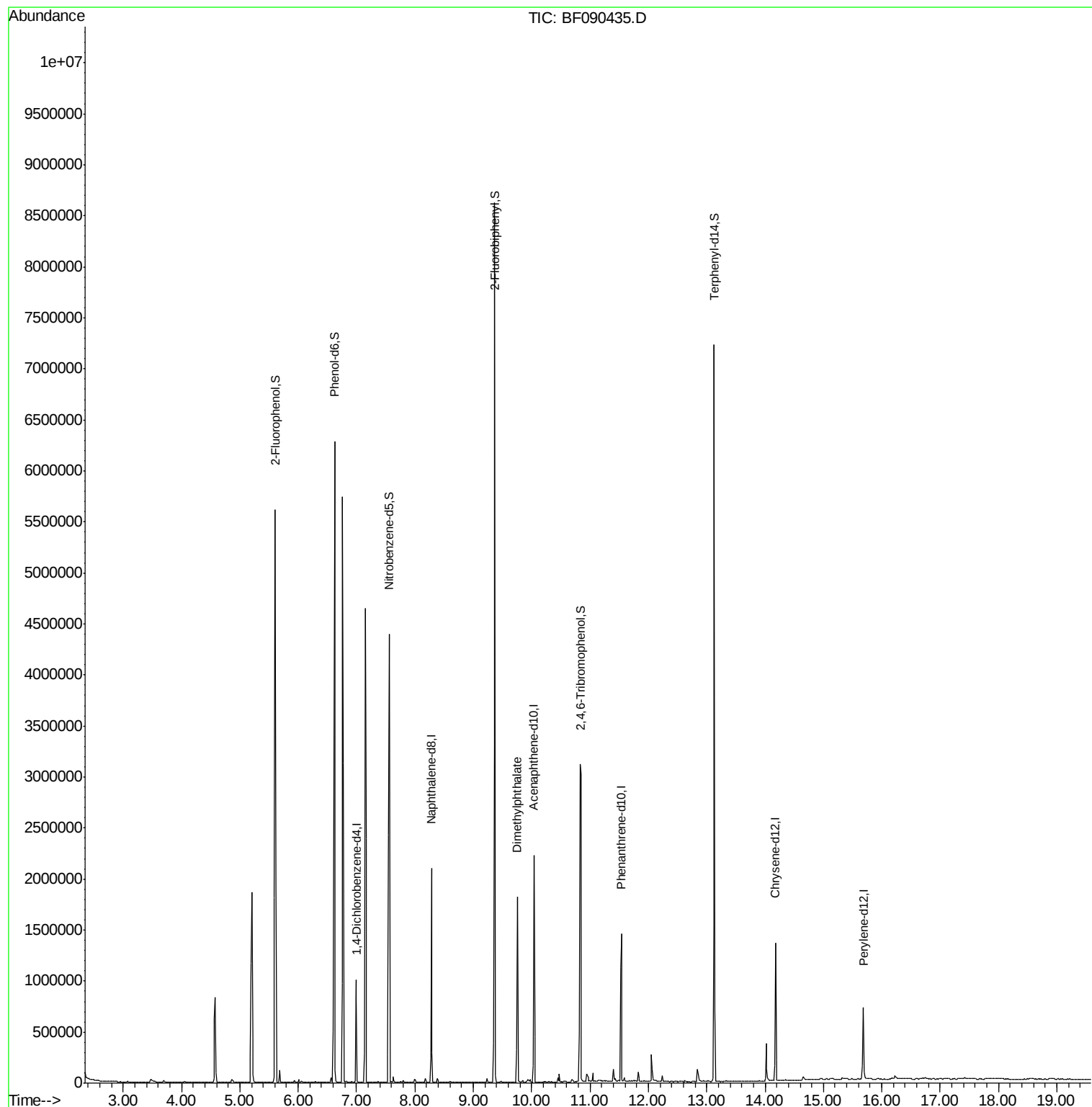
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	199019	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	851173	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	423748	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	673744	20.00	ng	-0.01
75) Chrysene-d12	14.18	240	390287	20.00	ng	-0.02
86) Perylene-d12	15.69	264	364140	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1833696	137.51	ng	0.00
7) Phenol-d6	6.62	99	2529940	144.86	ng	0.00
23) Nitrobenzene-d5	7.56	82	1758713	100.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	608269	176.53	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2663256	104.72	ng	-0.01
78) Terphenyl-d14	13.13	244	2032323	117.07	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.75	163	655020	24.14	ng	Qvalue 98

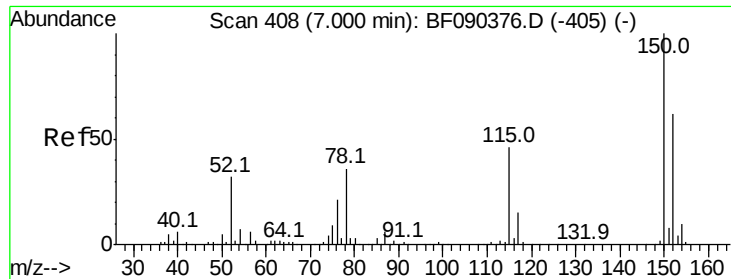
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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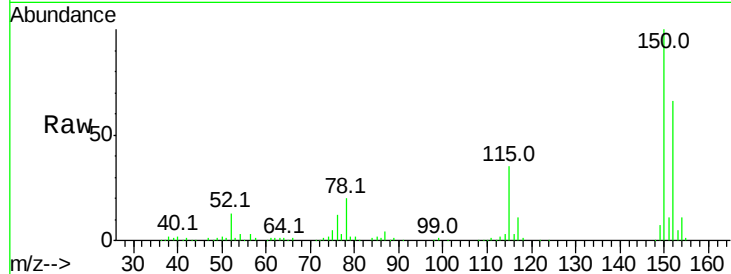


#1

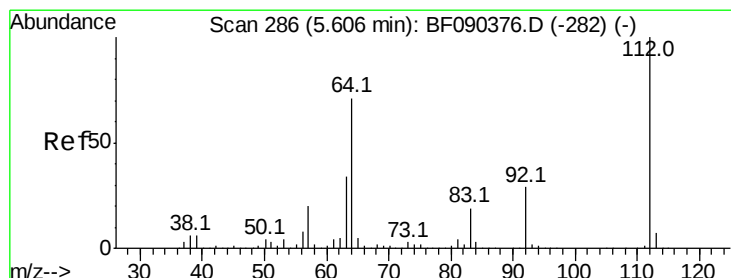
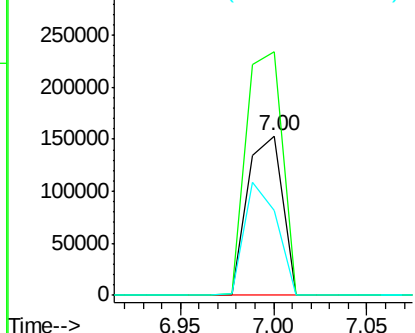
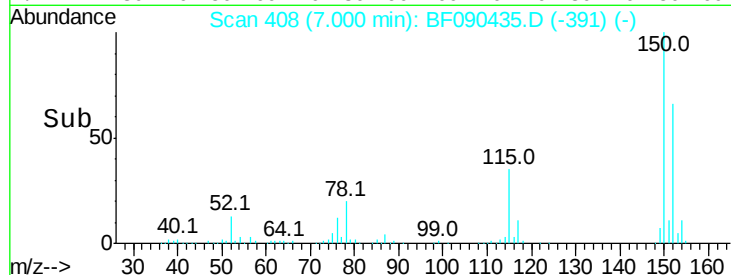
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Instrument :
BNA_F
ClientSampleId :
T-2

Tot Ion:152 Resp: 199019
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 53.2 46.2 69.4



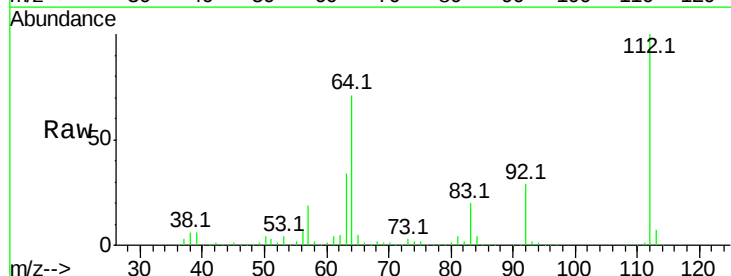
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



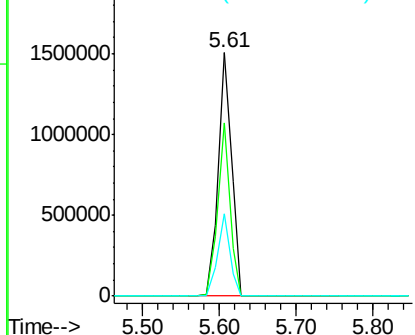
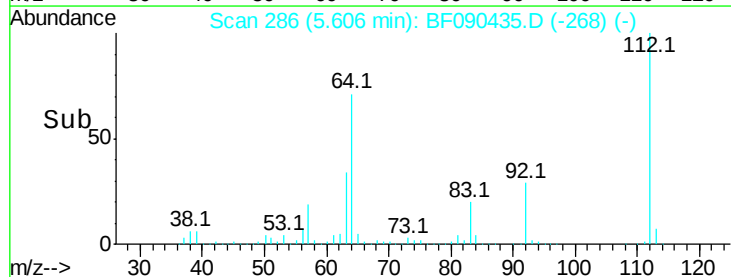
#5

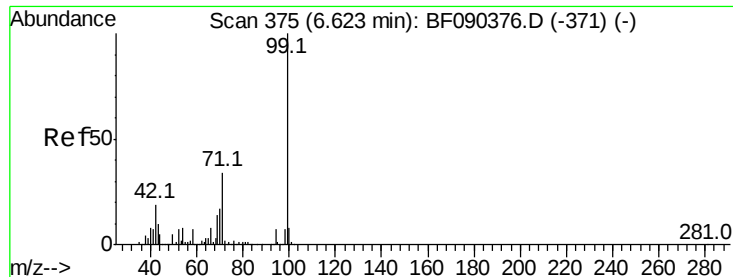
2-Fluorophenol
Concen: 137.51 ng
RT: 5.61 min Scan# 286
Delta R.T. 0.00 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Tgt Ion:112 Resp: 1833696
Ion Ratio Lower Upper
112 100
64 71.3 57.9 86.9
63 33.9 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: 144.86 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090435.D

Acq: 6 Oct 2016 23:04

Instrument :

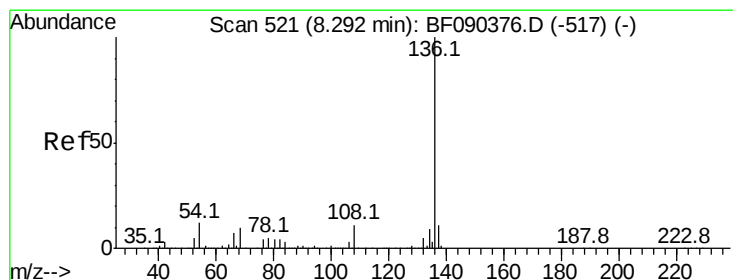
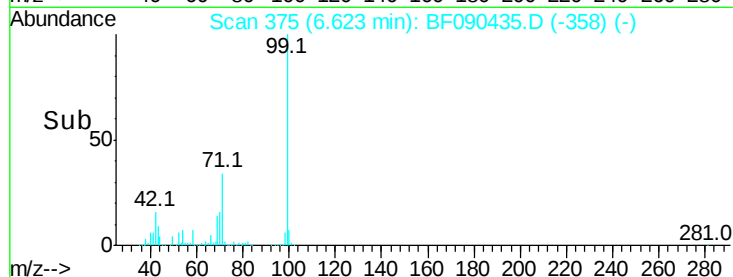
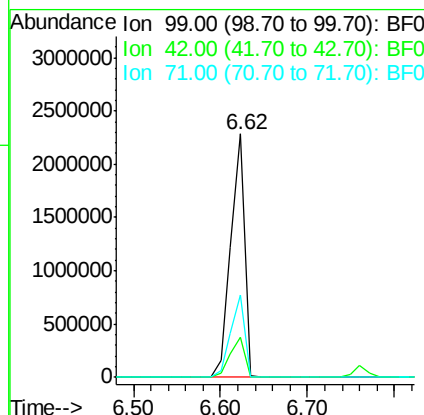
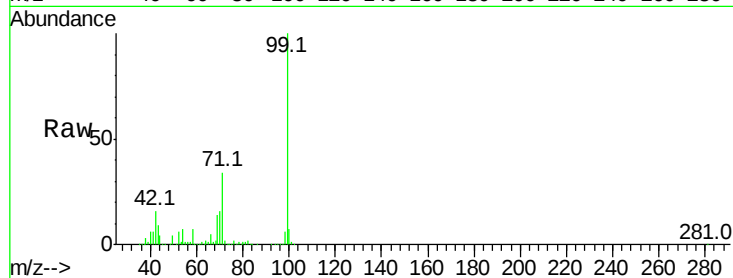
BNA_F

ClientSampleId :

T-2

Tot Ion: 99 Resp: 2529940

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 520

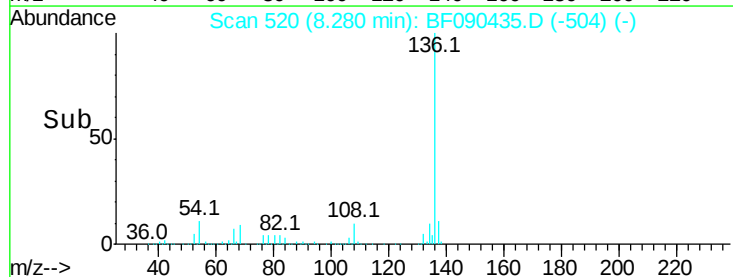
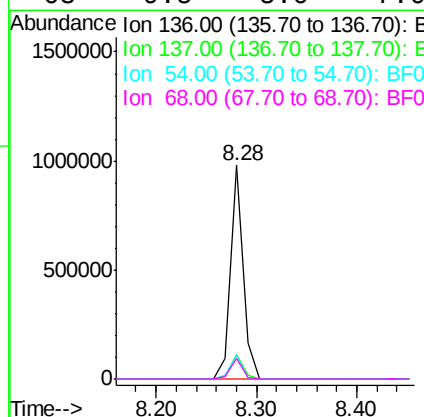
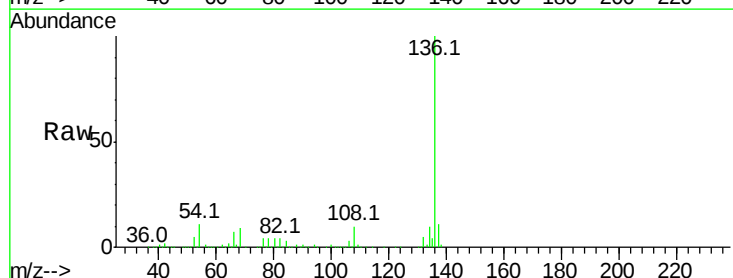
Delta R.T. -0.01 min

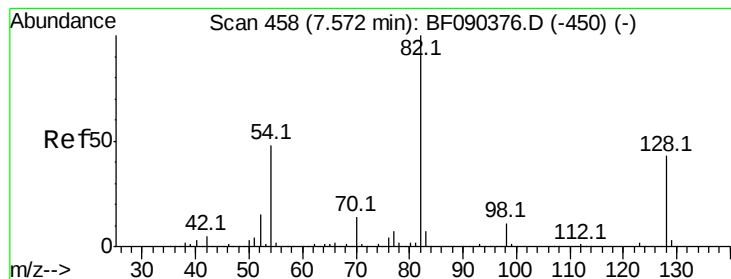
Lab File: BF090435.D

Acq: 6 Oct 2016 23:04

Tgt Ion: 136 Resp: 851173

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	10.9	6.6	10.0#
68	9.5	5.0	7.6#





#23

Nitrobenzene-d5

Concen: 100.51 ng

RT: 7.56 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090435.D

Acq: 6 Oct 2016 23:04

Instrument :

BNA_F

ClientSampleId :

T-2

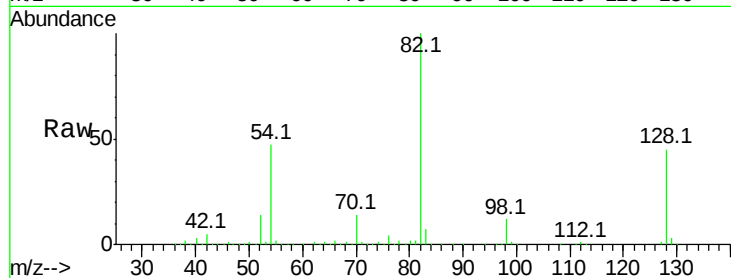
Tot Ion: 82 Resp: 1758713

Ion	Ratio	Lower	Upper
82	100		
128	44.9	40.0	60.0
54	47.0	42.6	64.0

82 100

128 44.9 40.0 60.0

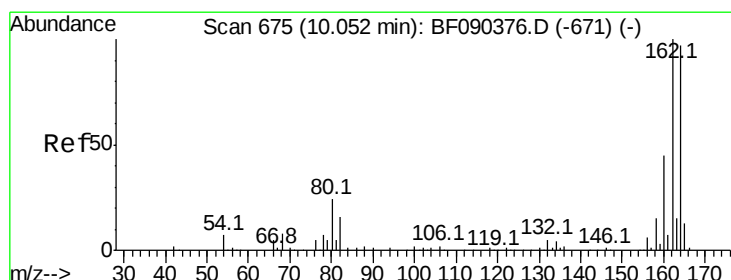
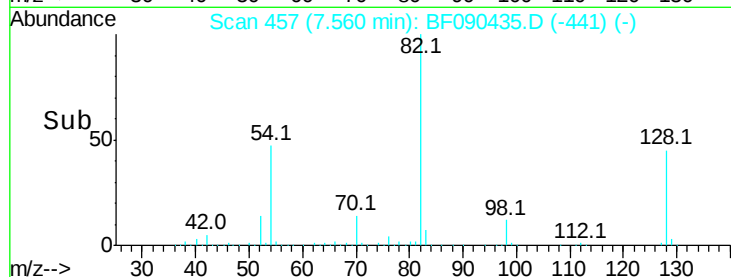
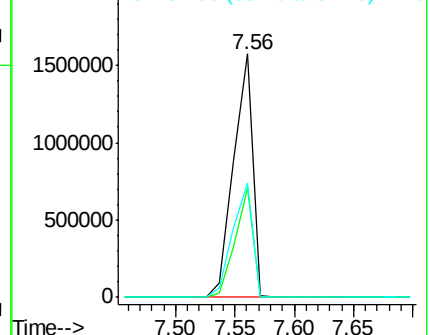
54 47.0 42.6 64.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF090435.D

Acq: 6 Oct 2016 23:04

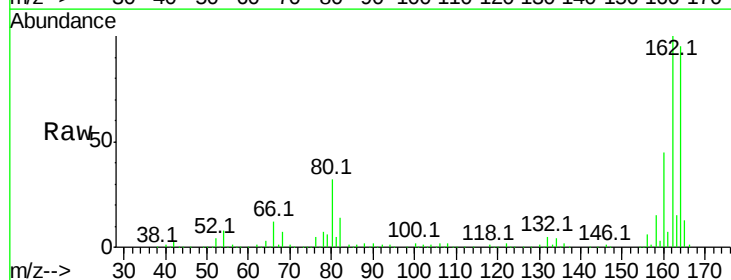
Tgt Ion: 164 Resp: 423748

Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.1	120.1
160	47.1	36.3	54.5

164 100

162 105.0 80.1 120.1

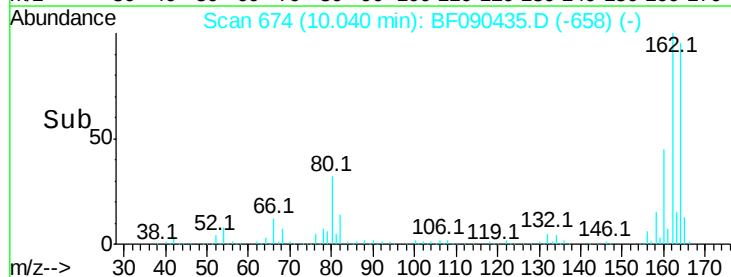
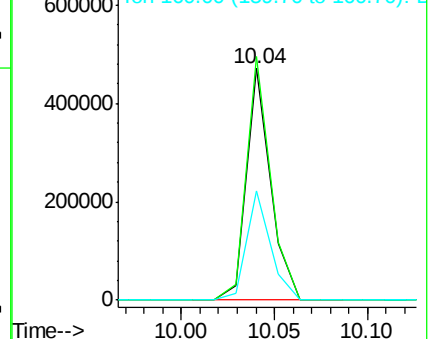
160 47.1 36.3 54.5

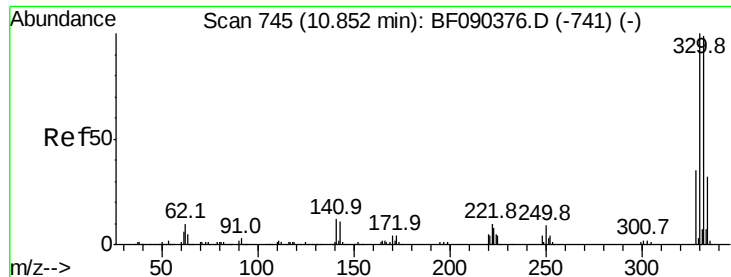


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

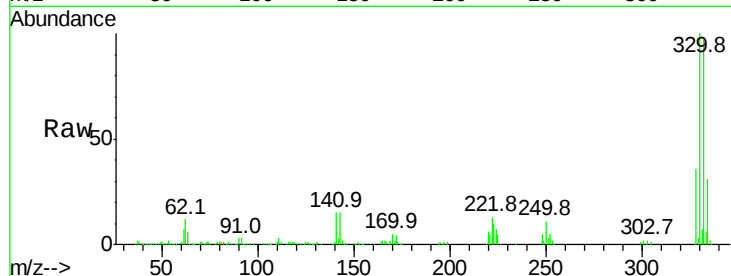




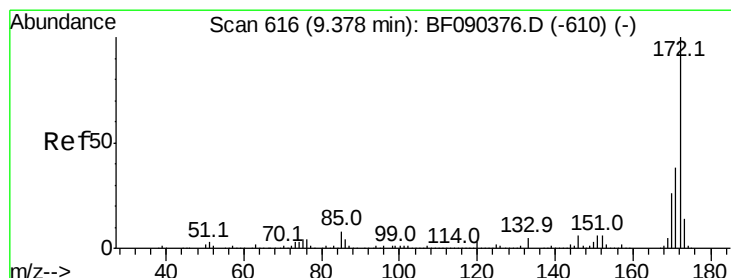
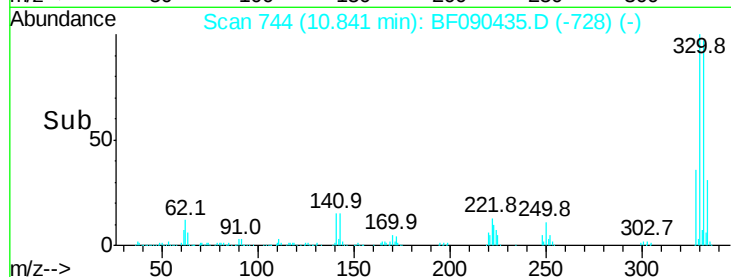
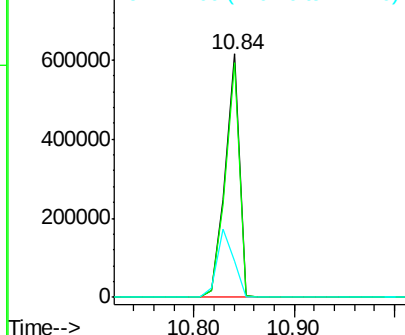
#41
 2,4,6-Tribromophenol
 Concen: 176.53 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090435.D
 Acq: 6 Oct 2016 23:04

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.0
141	32.6	26.9	40.3

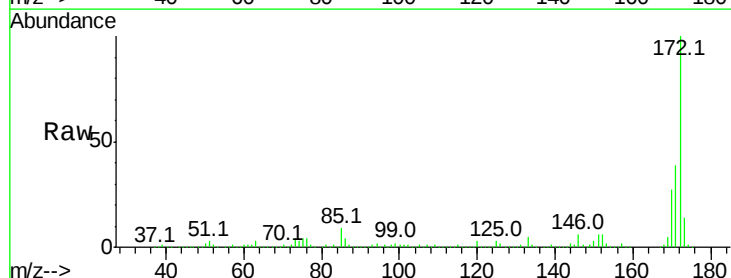


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

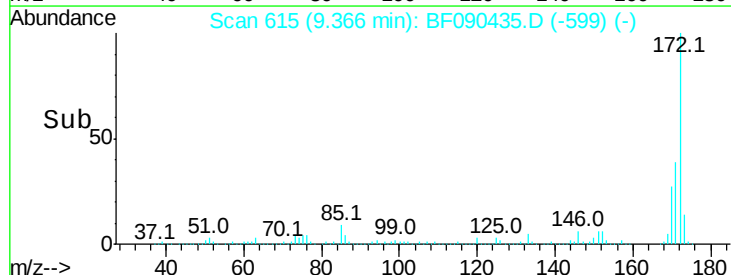
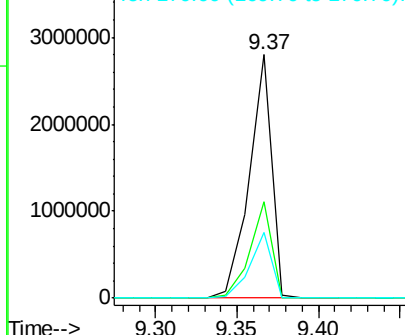


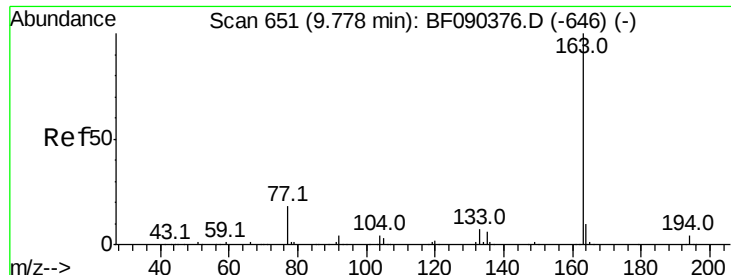
#44
 2-Fluorobiphenyl
 Concen: 104.72 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090435.D
 Acq: 6 Oct 2016 23:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.8	47.8
170	26.8	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

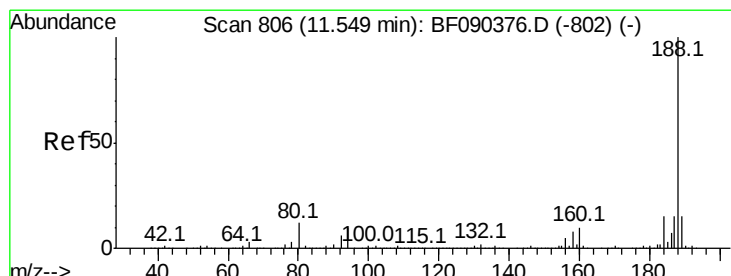
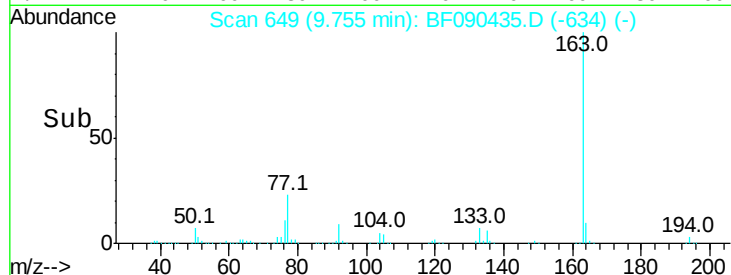
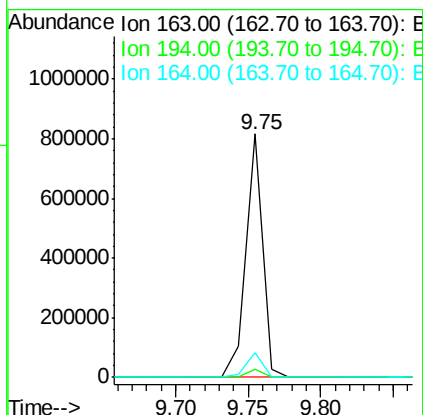
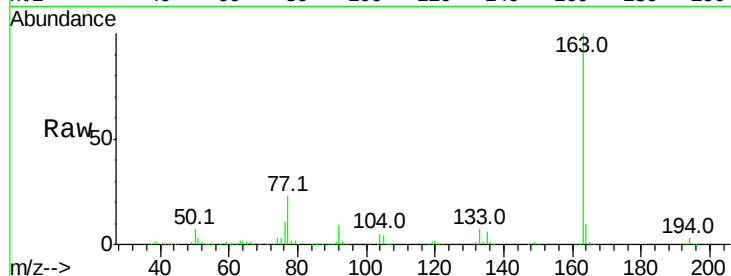




#49
Dimethylphthalate
Concen: 24.14 ng
RT: 9.75 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

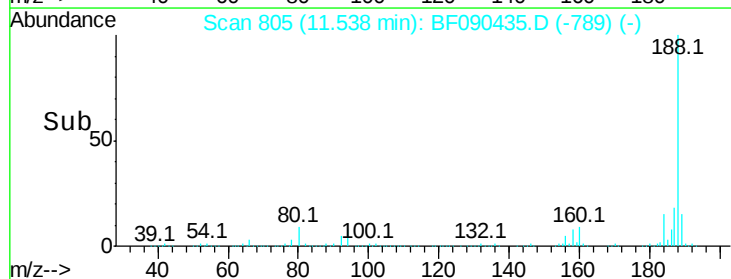
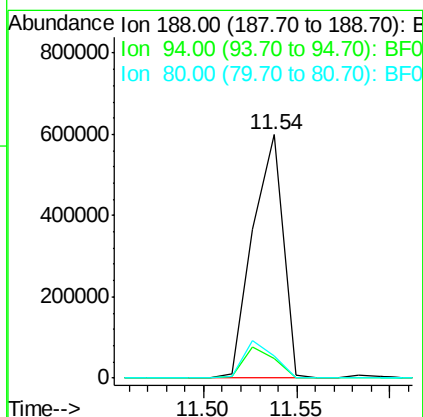
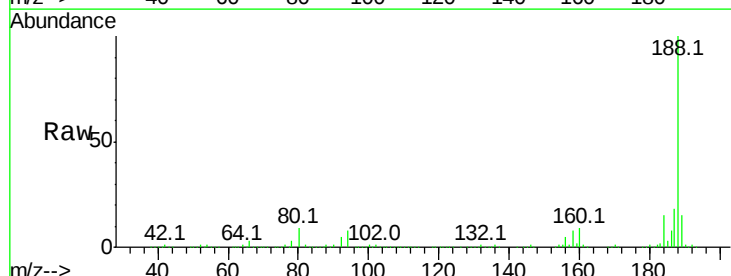
Instrument :
BNA_F
ClientSampled :
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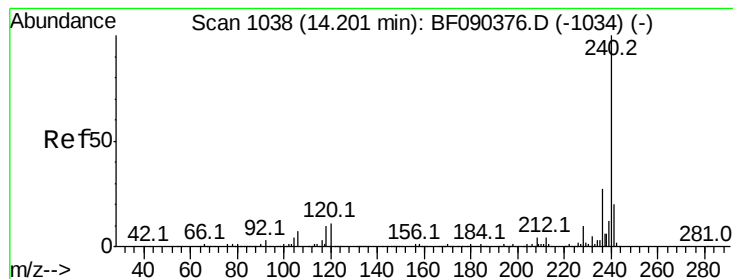
Tot Ion:163 Resp: 655020
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.2 9.0 13.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090435.D
Acq: 6 Oct 2016 23:04

Tgt Ion:188 Resp: 673744
Ion Ratio Lower Upper
188 100
94 8.1 8.2 12.2#
80 8.9 8.8 13.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF090435.D

Acq: 6 Oct 2016 23:04

Instrument :

BNA_F

ClientSampleId :

T-2

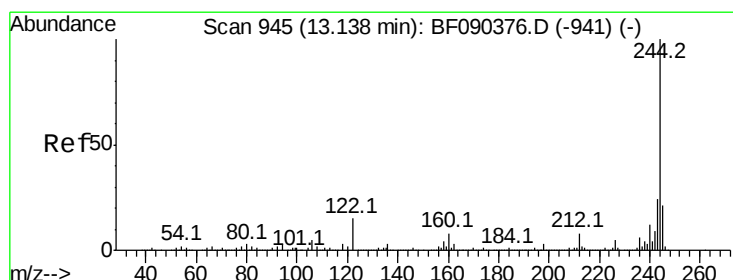
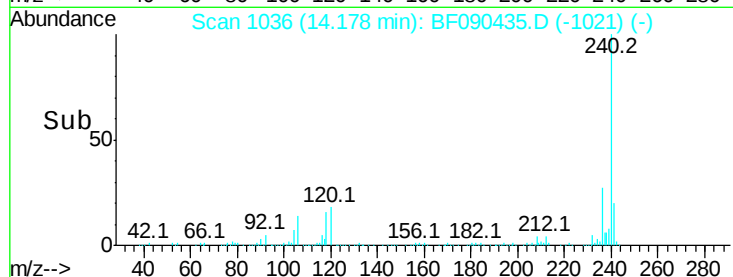
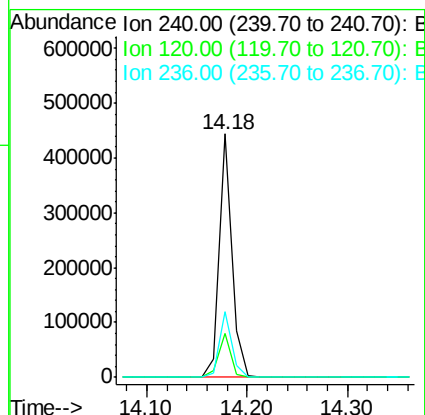
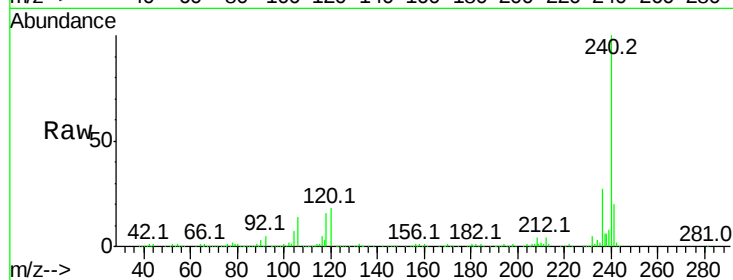
Tot Ion:240 Resp: 390287

Ion Ratio Lower Upper

240 100

120 18.2 8.6 13.0#

236 26.8 21.6 32.4



#78

Terphenyl-d14

Concen: 117.07 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090435.D

Acq: 6 Oct 2016 23:04

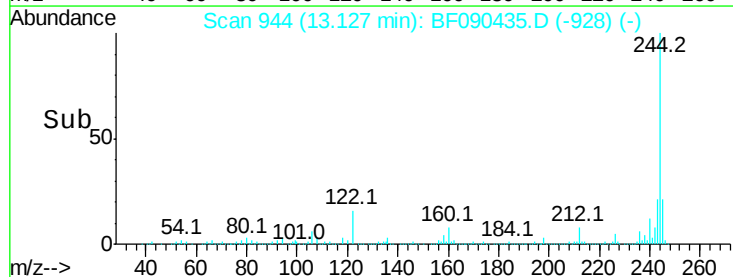
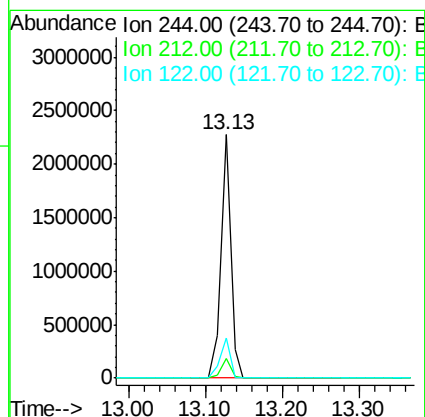
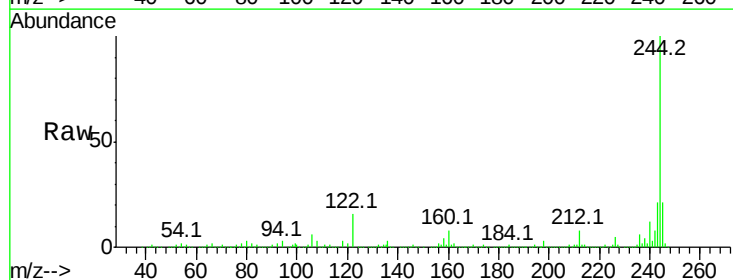
Tgt Ion:244 Resp: 2032323

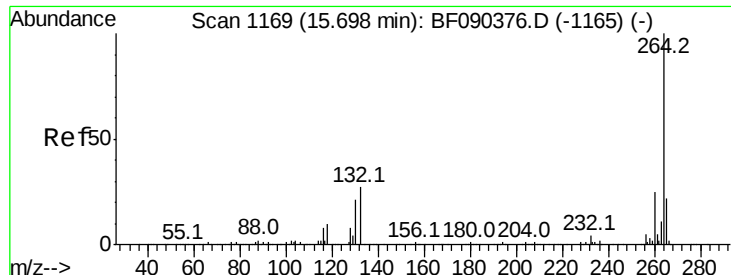
Ion Ratio Lower Upper

244 100

212 7.9 6.8 10.2

122 16.4 13.3 19.9





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.69 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF090435.D
 Acq: 6 Oct 2016 23:04

Instrument :
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Tot Ion: 264 Resp: 364140
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.3 28.9
 265 21.8 17.4 26.0

