

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
 Data File : BF090539.D
 Acq On : 12 Oct 2016 16:59
 Operator : UM/SJ
 Sample : H5180-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Oct 12 18:13:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	218832	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	930668	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	481403	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	856068	20.00	ng	0.00
75) Chrysene-d12	14.12	240	721313	20.00	ng	-0.01
86) Perylene-d12	15.60	264	514700	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1471721	104.63	ng	0.02
7) Phenol-d6	6.59	99	1798846	101.34	ng	0.00
23) Nitrobenzene-d5	7.51	82	1346339	78.46	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	571799	119.82	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	2318811	80.95	ng	-0.01
78) Terphenyl-d14	13.07	244	2381880	80.70	ng	-0.01

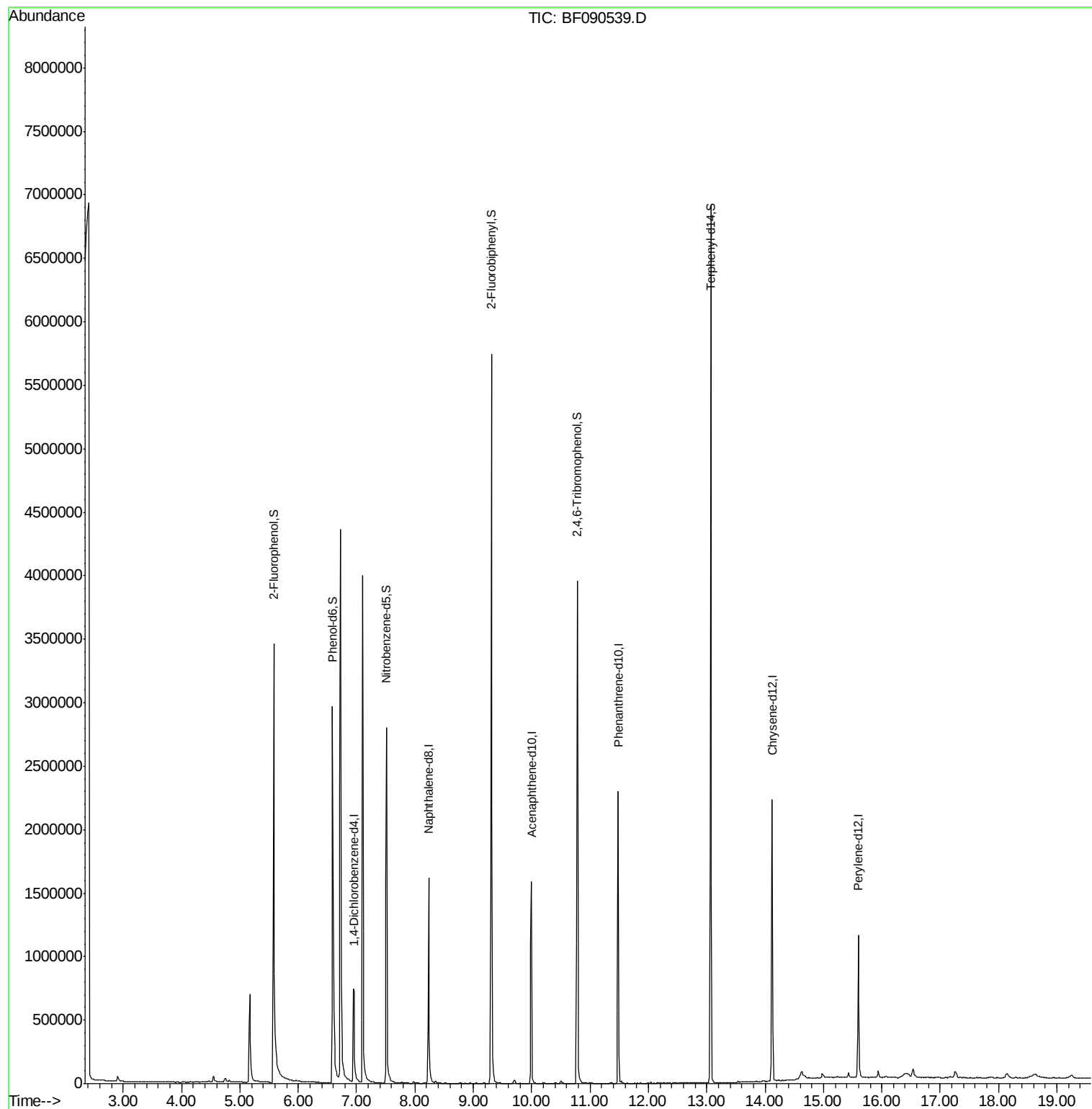
Target Compounds Qvalue

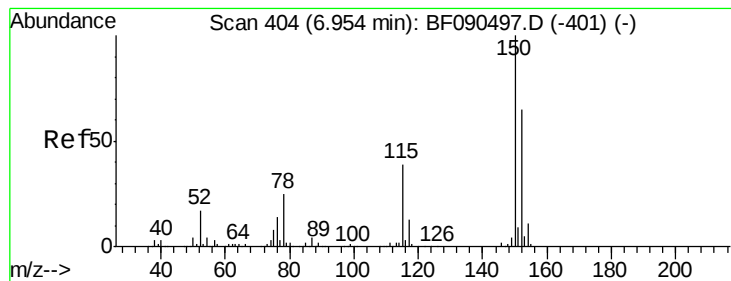
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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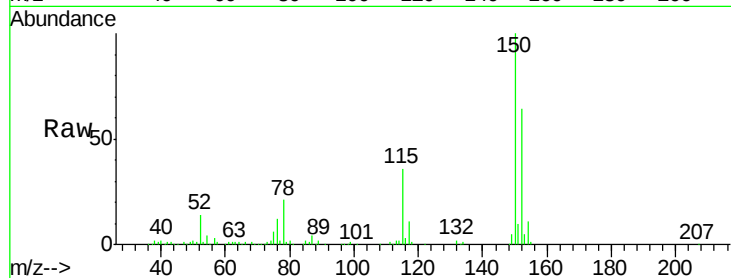


#1

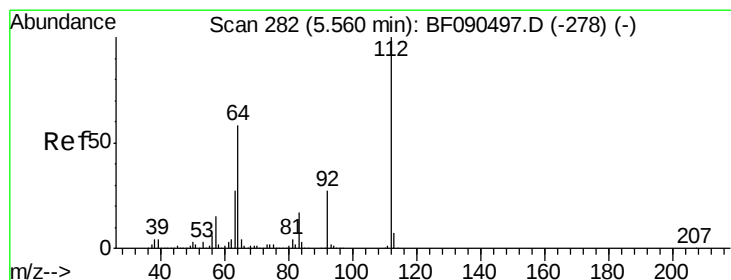
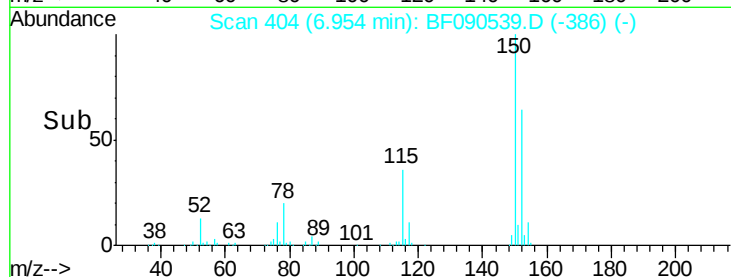
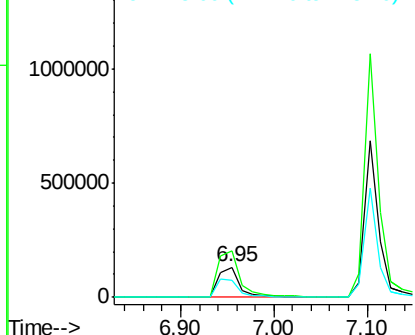
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090539.D
Acq: 12 Oct 2016 16:59

Instrument :
BNA_F
ClientSampled :
WC-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	56.4	46.2	69.4



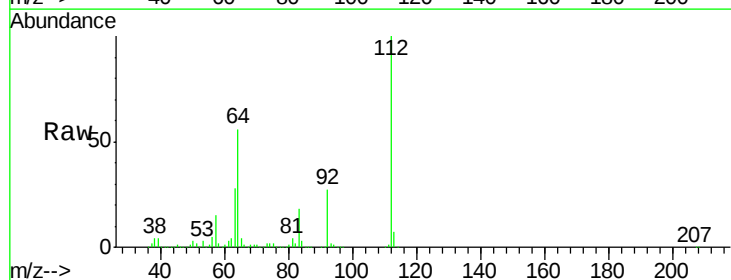
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



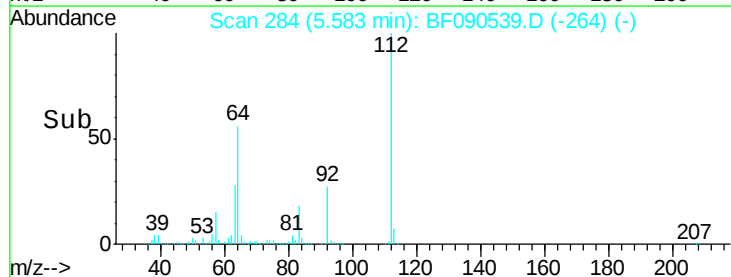
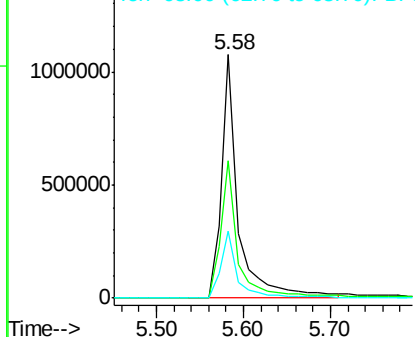
#5

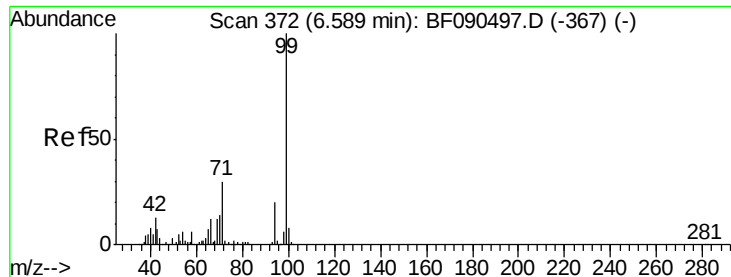
2-Fluorophenol
Concen: 104.63 ng
RT: 5.58 min Scan# 284
Delta R.T. 0.02 min
Lab File: BF090539.D
Acq: 12 Oct 2016 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	57.9	86.9#
63	27.5	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: 101.34 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090539.D

Acq: 12 Oct 2016 16:59

Instrument :

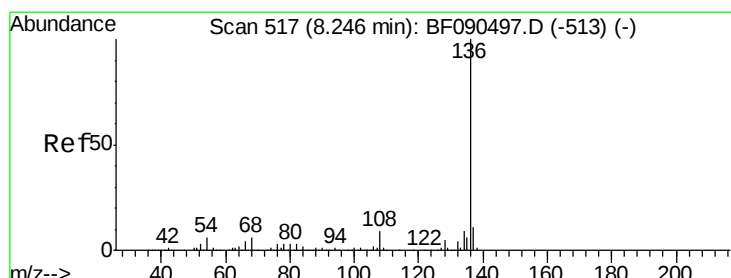
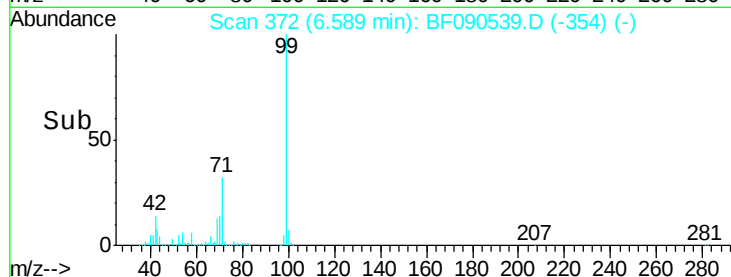
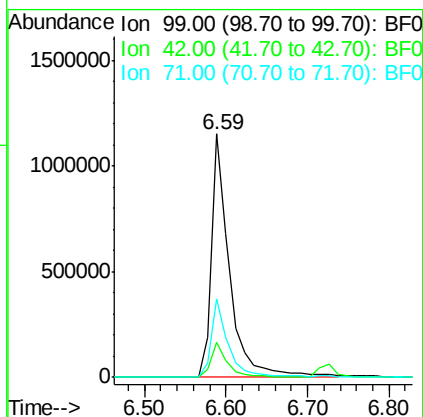
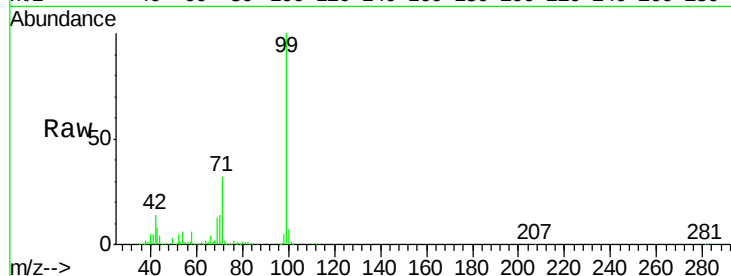
BNA_F

ClientSampleId :

WC-1

Tot Ion: 99 Resp: 1798846

Ion	Ratio	Lower	Upper
99	100		
42	14.4	20.0	30.0#
71	32.0	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

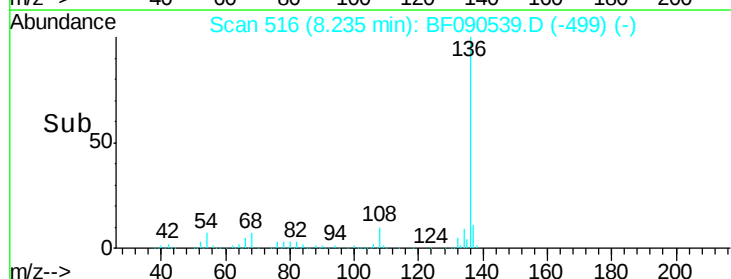
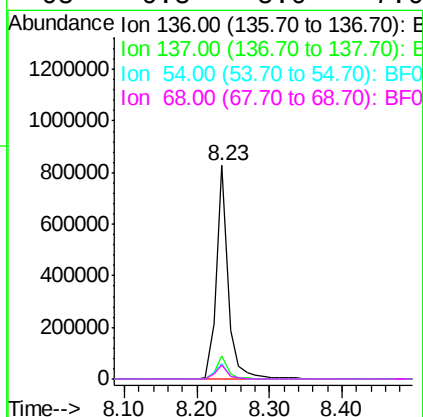
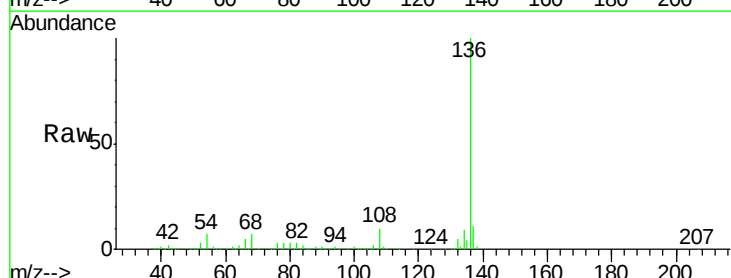
Delta R.T. -0.01 min

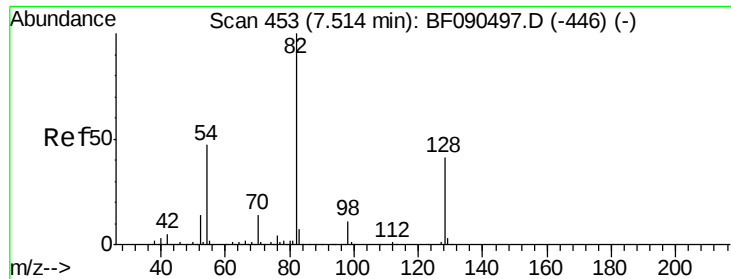
Lab File: BF090539.D

Acq: 12 Oct 2016 16:59

Tgt Ion: 136 Resp: 930668

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.1	6.6	10.0
68	6.8	5.0	7.6



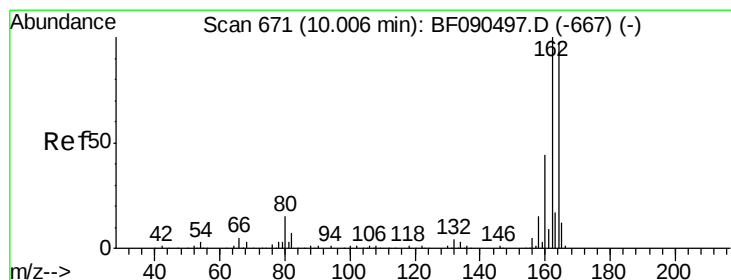
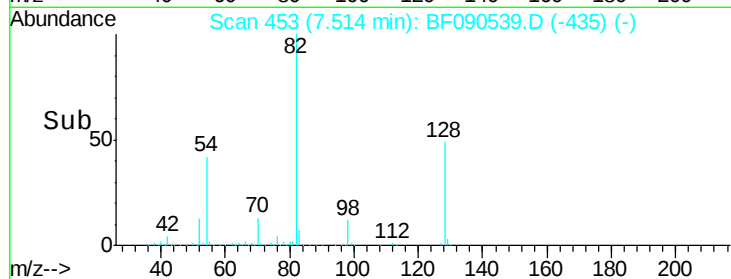
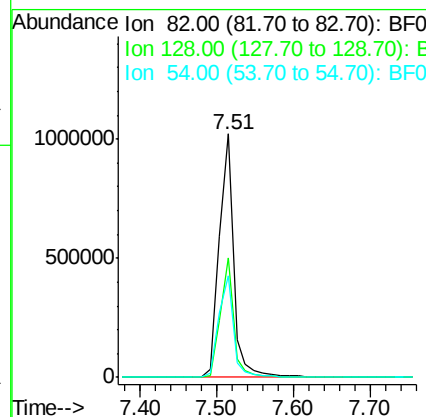
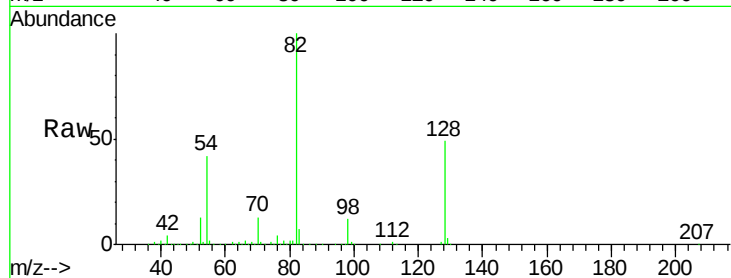


#23
 Nitrobenzene-d5
 Concen: 78.46 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090539.D
 Acq: 12 Oct 2016 16:59

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion: 82 Resp: 1346339

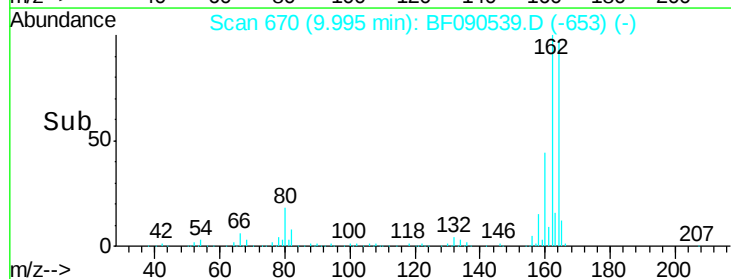
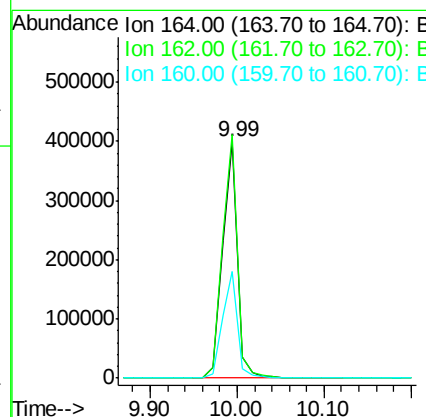
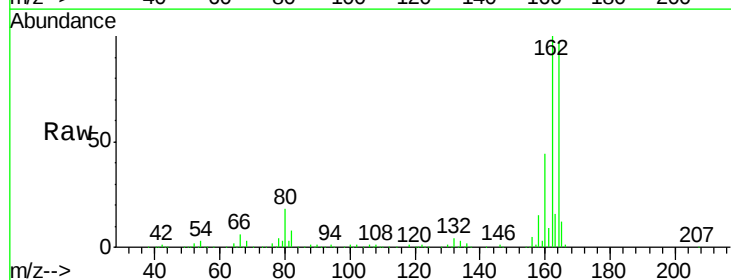
Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.0	60.0
54	41.8	42.6	64.0#

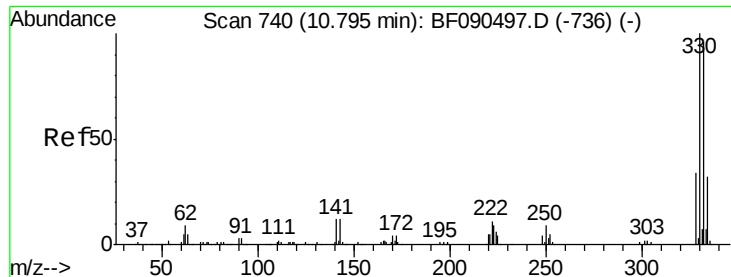


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090539.D
 Acq: 12 Oct 2016 16:59

Tgt Ion:164 Resp: 481403

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.1	120.1
160	45.1	36.3	54.5

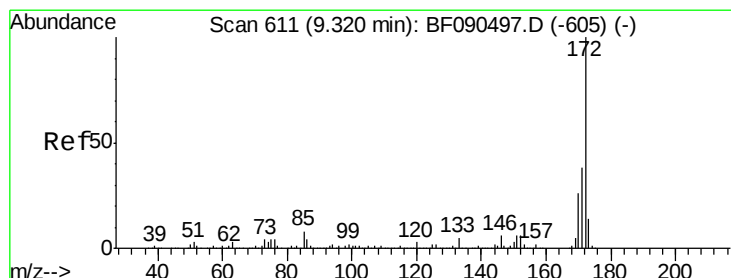
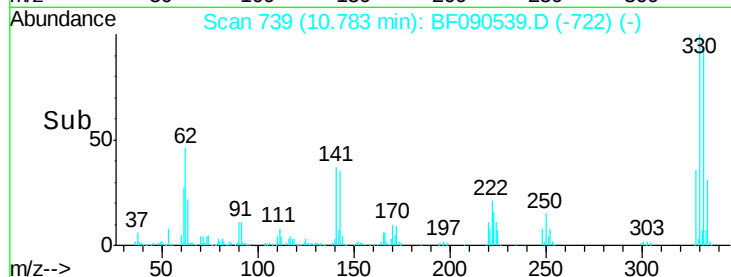
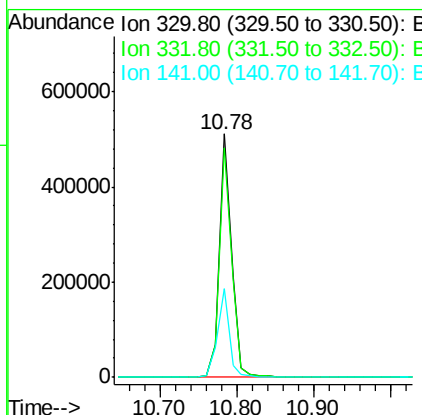
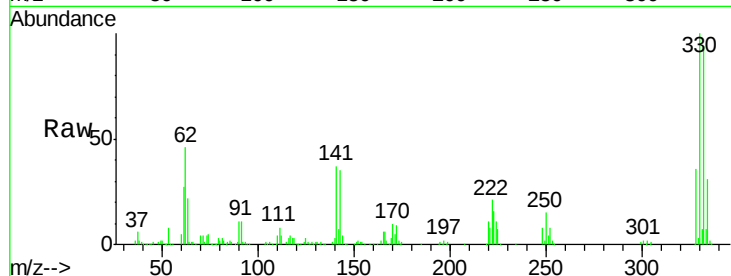




#41
 2,4,6-Tribromophenol
 Concen: 119.82 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090539.D
 Acq: 12 Oct 2016 16:59

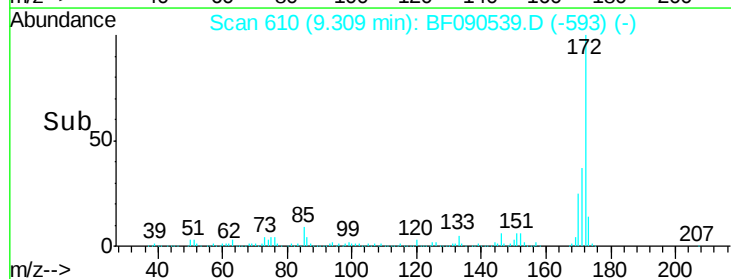
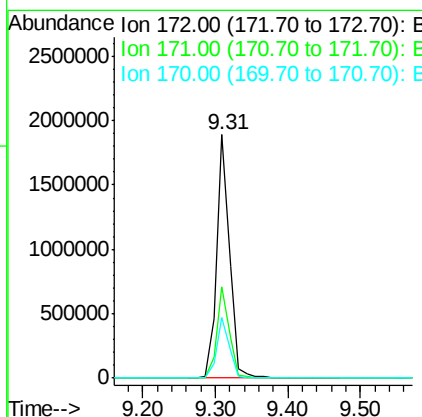
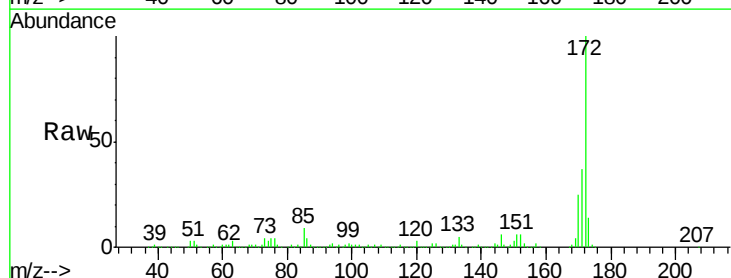
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

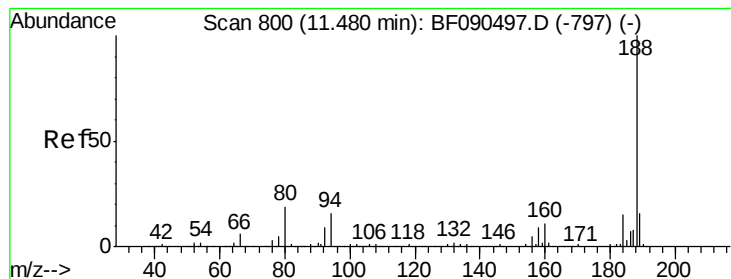
Tot Ion:330 Resp: 571799
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.4 113.0
 141 35.0 26.9 40.3



#44
 2-Fluorobiphenyl
 Concen: 80.95 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF090539.D
 Acq: 12 Oct 2016 16:59

Tgt Ion:172 Resp: 2318811
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.8 47.8
 170 25.1 21.7 32.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF090539.D

Acq: 12 Oct 2016 16:59

Instrument :

BNA_F

ClientSampleId :

WC-1

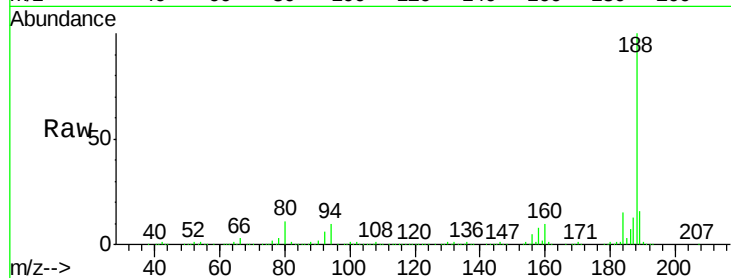
Tot Ion:188 Resp: 856068

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

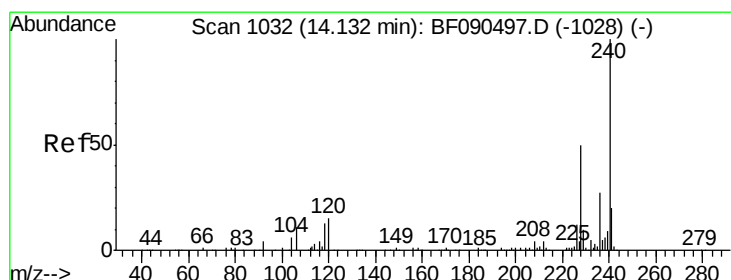
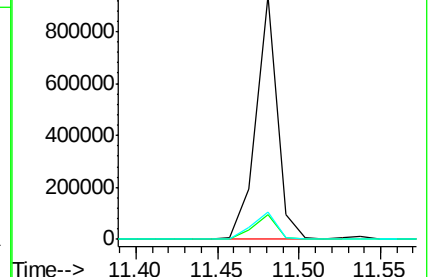
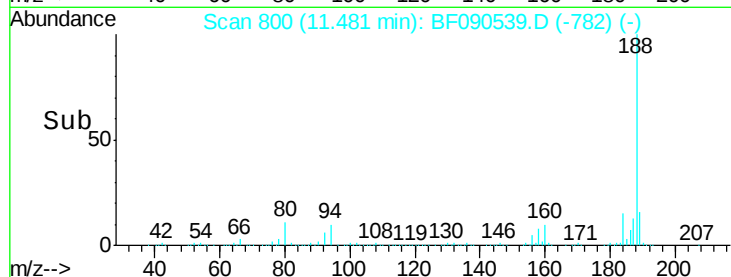
80 11.2 8.8 13.2



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: 14.12 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF090539.D

Acq: 12 Oct 2016 16:59

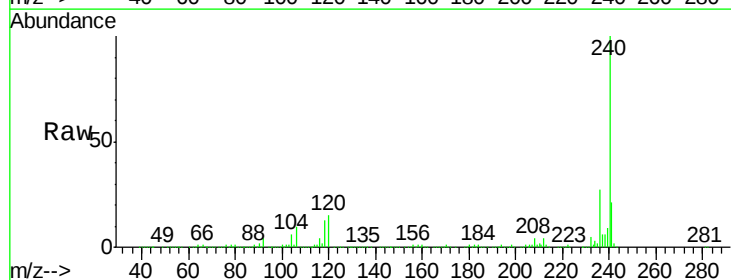
Tgt Ion:240 Resp: 721313

Ion Ratio Lower Upper

240 100

120 14.9 8.6 13.0#

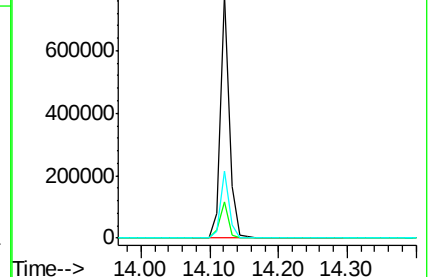
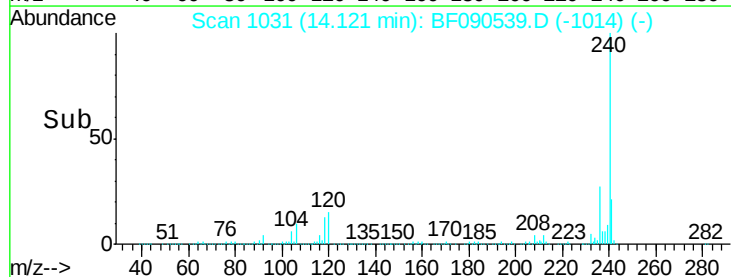
236 27.5 21.6 32.4

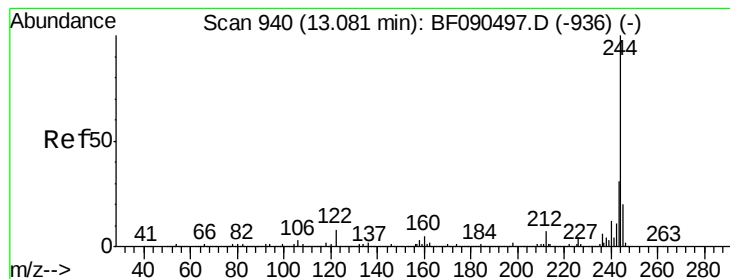


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.70 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF090539.D

Acq: 12 Oct 2016 16:59

Instrument :

BNA_F

ClientSampleId :

WC-1

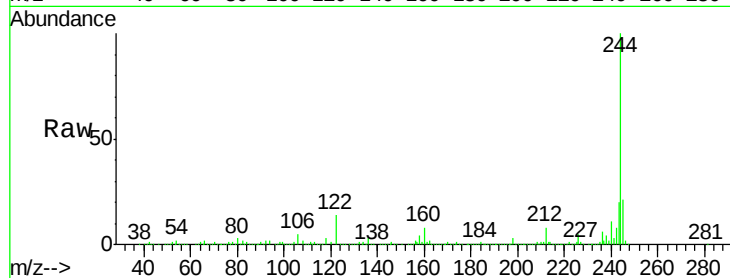
Tot Ion:244 Resp: 2381880

Ion Ratio Lower Upper

244 100

212 7.6 6.8 10.2

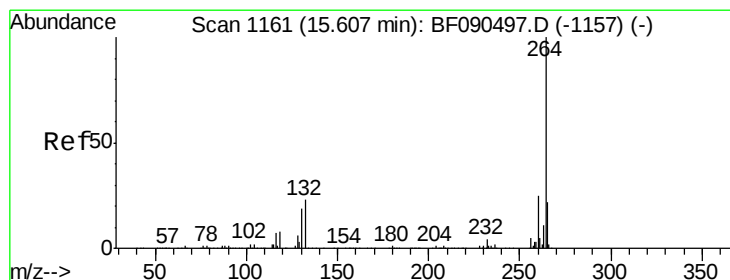
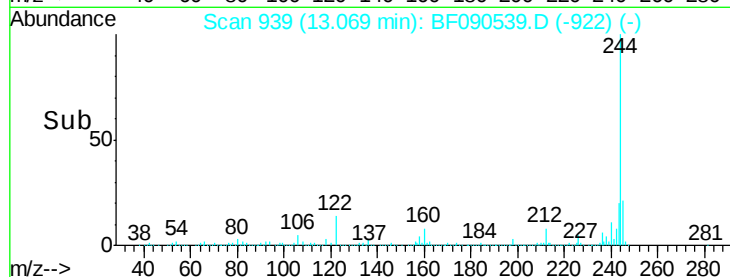
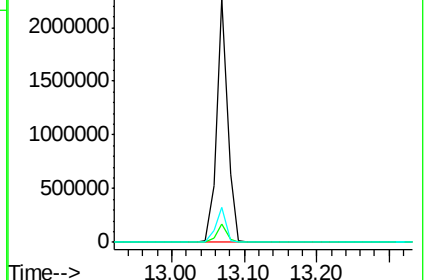
122 14.4 13.3 19.9



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: 15.60 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF090539.D

Acq: 12 Oct 2016 16:59

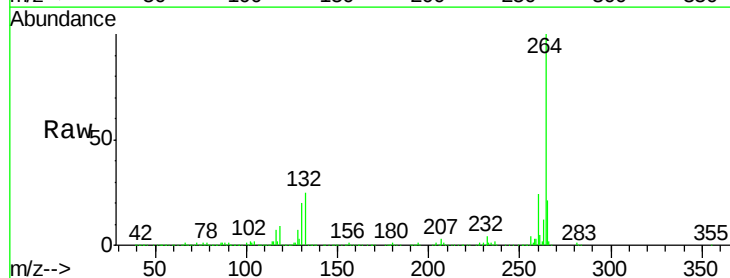
Tgt Ion:264 Resp: 514700

Ion Ratio Lower Upper

264 100

260 24.5 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

