

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
 Data File : BF090529.D
 Acq On : 12 Oct 2016 12:21
 Operator : UM/SJ
 Sample : H5146-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0618

Quant Time: Oct 13 11:00:18 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

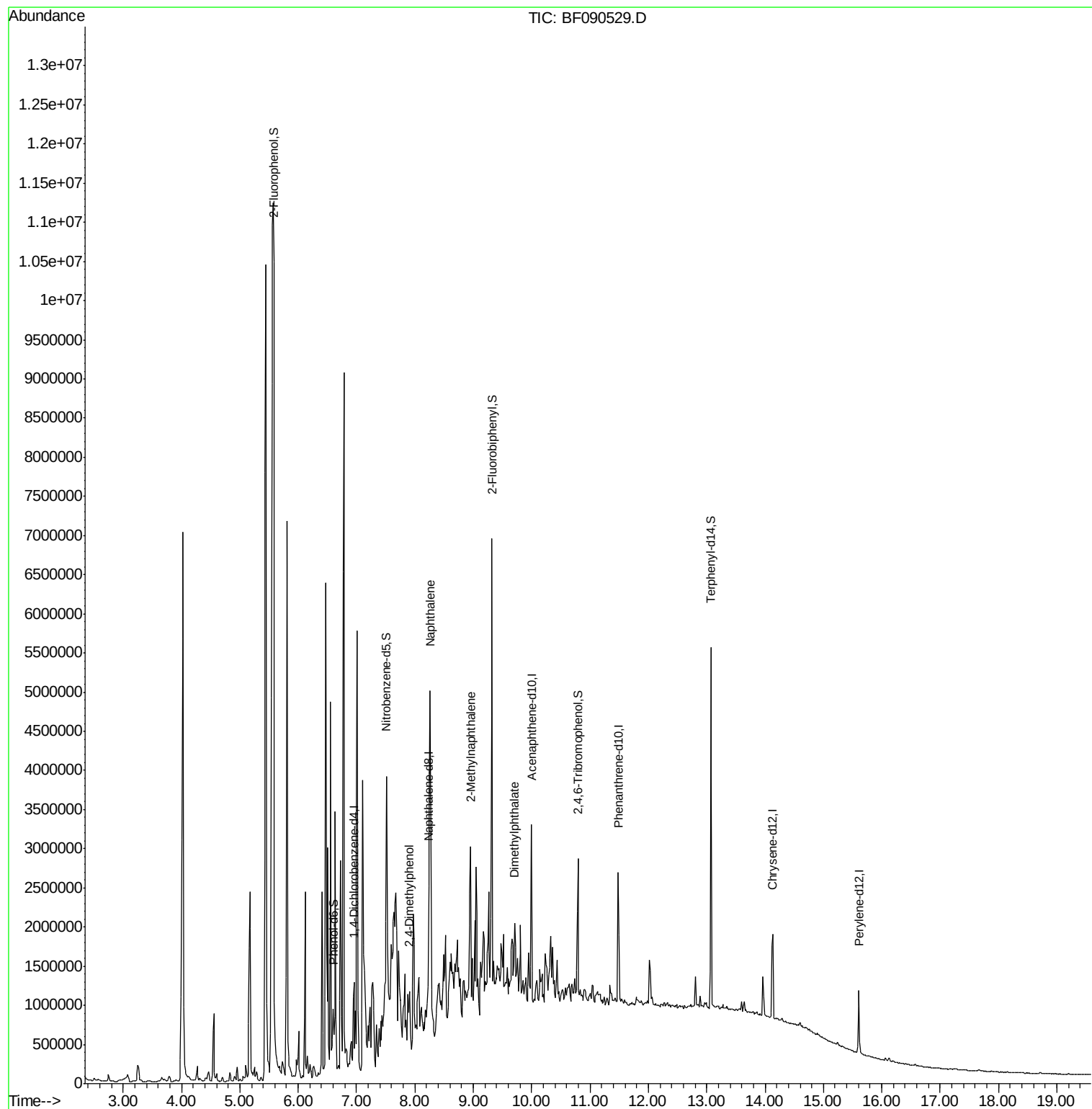
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	214051	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	880639	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	467433	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	728463	20.00	ng	0.00
75) Chrysene-d12	14.13	240	527799	20.00	ng	0.00
86) Perylene-d12	15.61	264	399630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	324844	23.61	ng	0.02
7) Phenol-d6	6.60	99	525584	30.27	ng	0.01
23) Nitrobenzene-d5	7.51	82	1255963	77.35	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	307084	66.27	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2469931	88.80	ng	0.00
78) Terphenyl-d14	13.07	244	1989025	92.10	ng	-0.01
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.90	122	69720	5.16	ng	92
31) Naphthalene	8.26	128	2790733	63.61	ng	99
37) 2-Methylnaphthalene	8.95	142	641783	21.79	ng	97
49) Dimethylphthalate	9.71	163	357239	11.36	ng	96

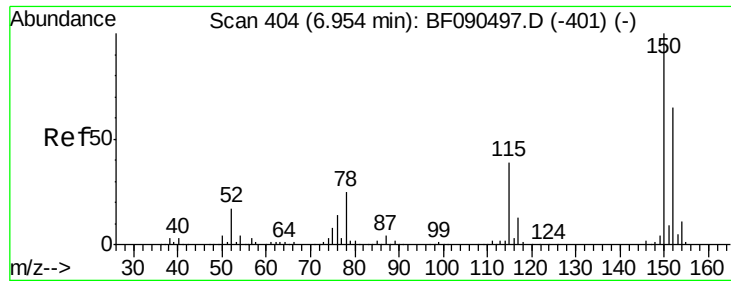
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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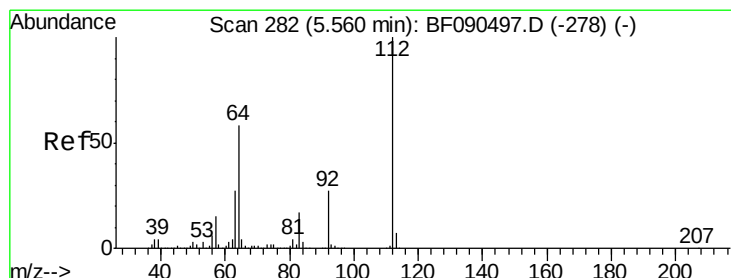
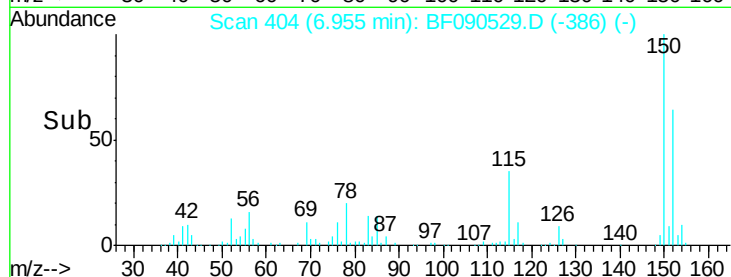
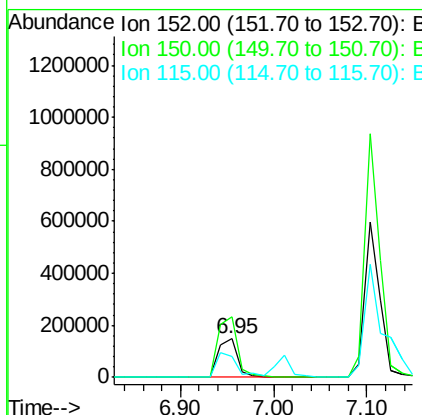
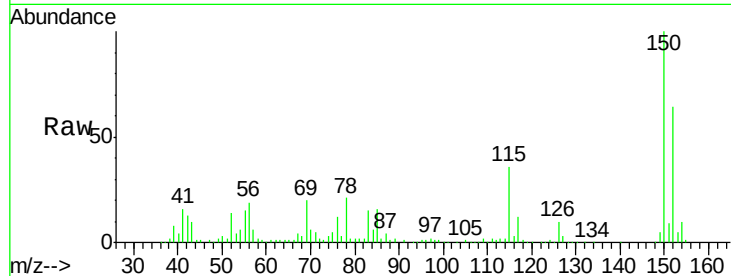




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF090529.D
 Acq: 12 Oct 2016 12:21

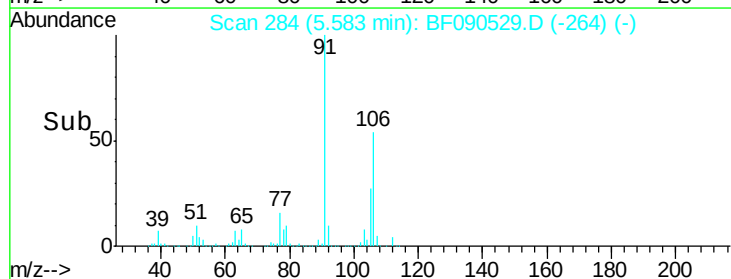
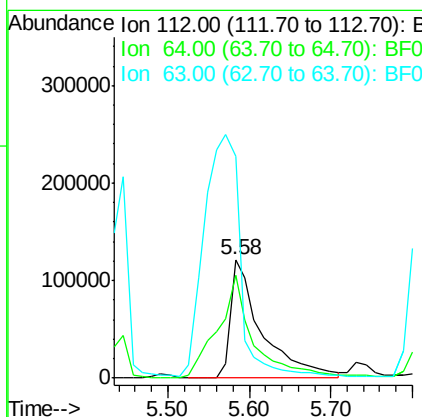
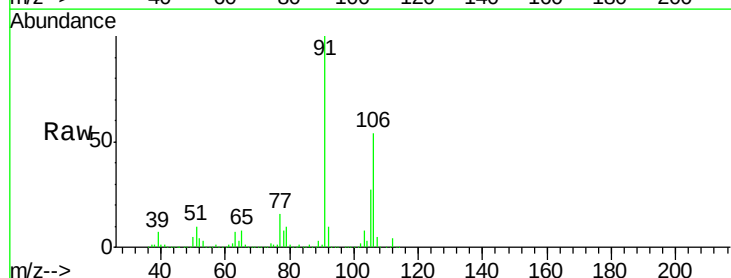
Instrument :
 BNA_F
 ClientSampleId :
 S8-0618

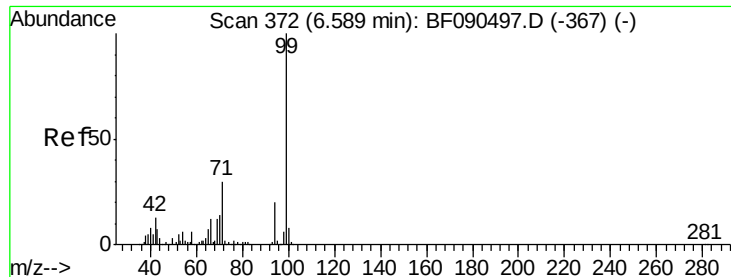
Tot Ion:152 Resp: 214051
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 55.5 46.2 69.4



#5
 2-Fluorophenol
 Concen: 23.61 ng
 RT: 5.58 min Scan# 284
 Delta R.T. 0.02 min
 Lab File: BF090529.D
 Acq: 12 Oct 2016 12:21

Tgt Ion:112 Resp: 324844
 Ion Ratio Lower Upper
 112 100
 64 86.8 57.9 86.9
 63 187.3 29.6 44.4#





#7

Phenol-d6

Concen: 30.27 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF090529.D

Acq: 12 Oct 2016 12:21

Instrument :

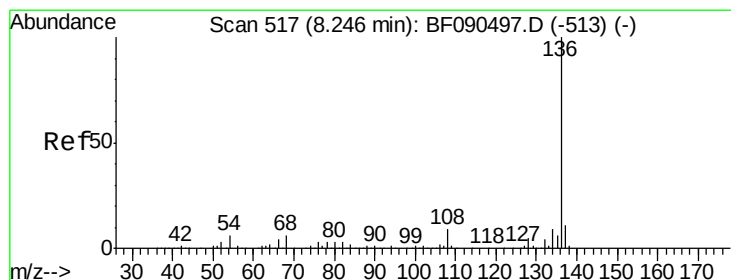
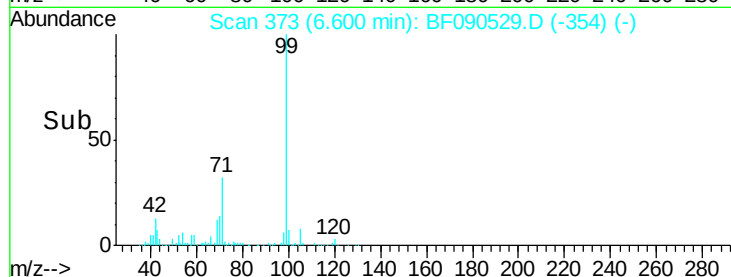
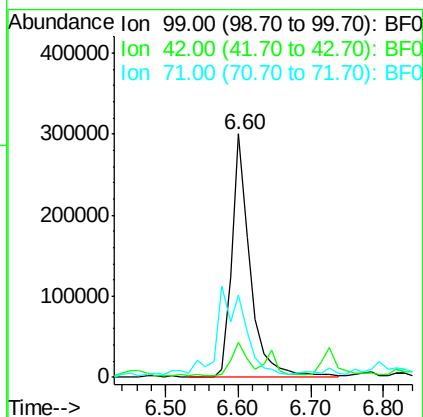
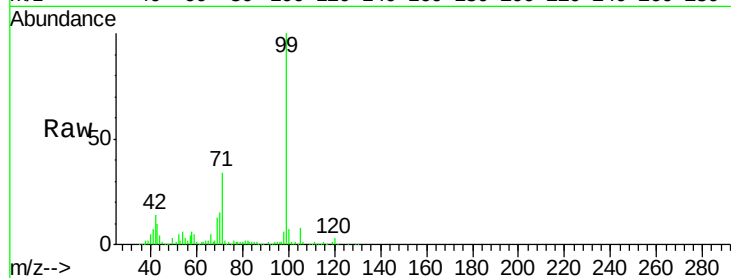
BNA_F

ClientSampleId :

S8-0618

Tot Ion: 99 Resp: 525584

Ion	Ratio	Lower	Upper
99	100		
42	14.1	20.0	30.0#
71	33.6	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

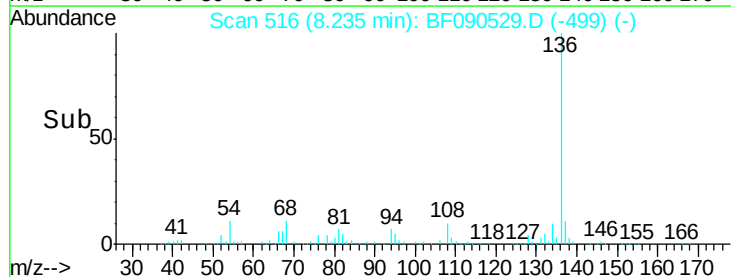
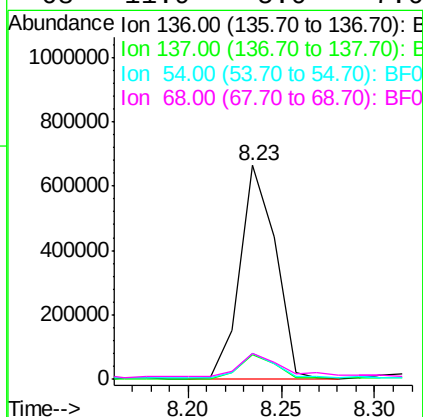
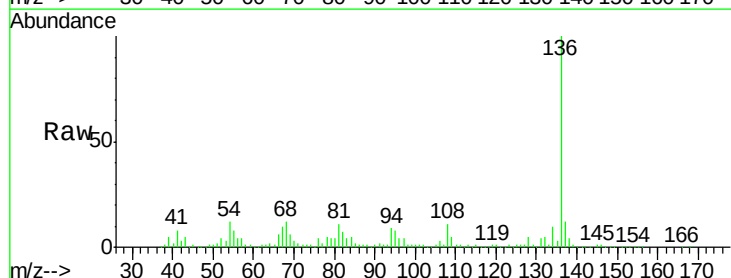
Delta R.T. -0.01 min

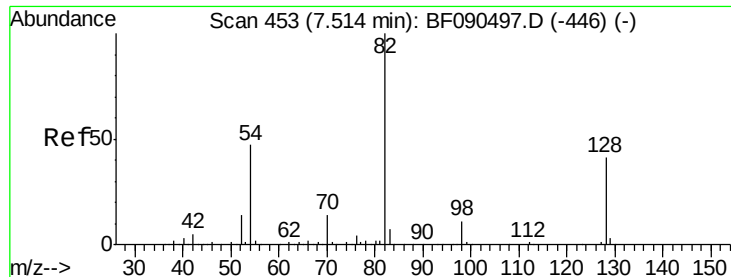
Lab File: BF090529.D

Acq: 12 Oct 2016 12:21

Tgt Ion: 136 Resp: 880639

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	11.9	6.6	10.0#
68	11.9	5.0	7.6#



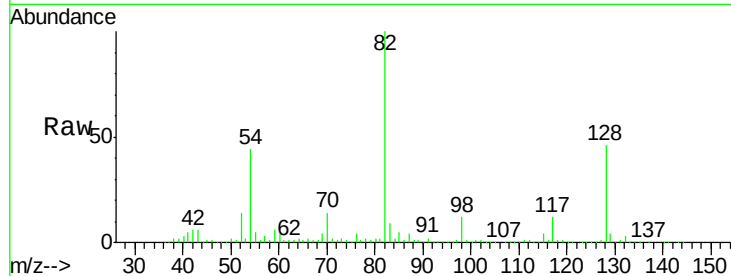


#23
Nitrobenzene-d5
Concen: 77.35 ng
RT: 7.51 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090529.D
Acq: 12 Oct 2016 12:21

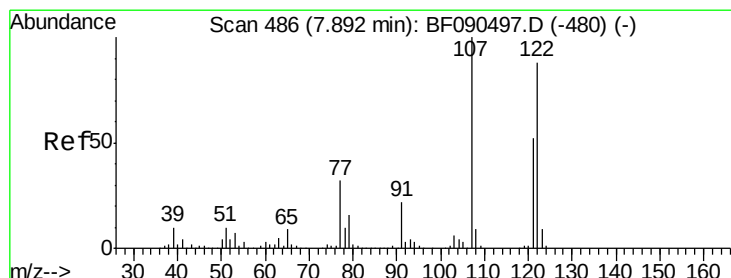
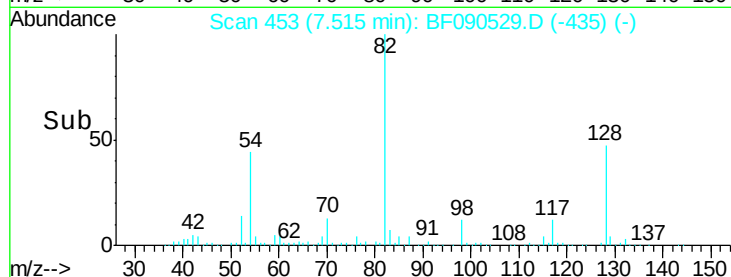
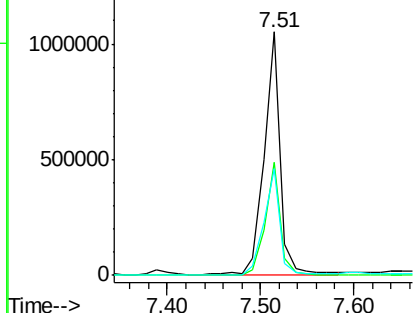
Instrument :
BNA_F
ClientSampleId :
S8-0618

Tot Ion: 82 Resp: 1255963

Ion	Ratio	Lower	Upper
82	100		
128	46.4	40.0	60.0
54	44.0	42.6	64.0



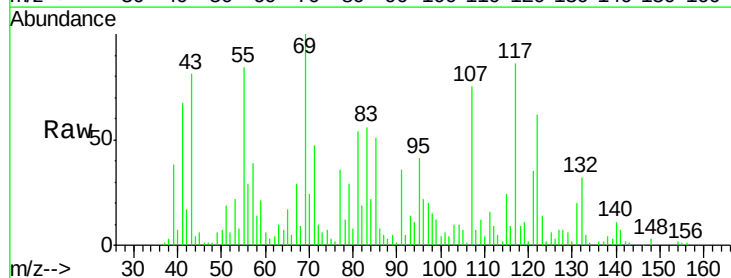
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



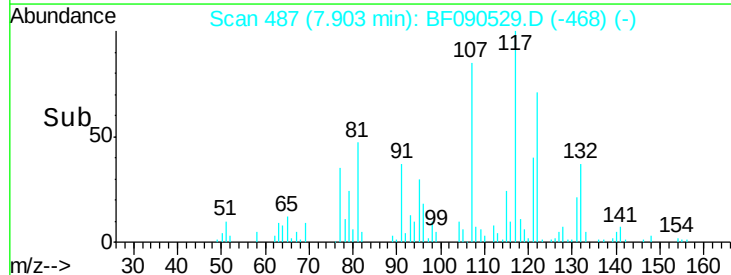
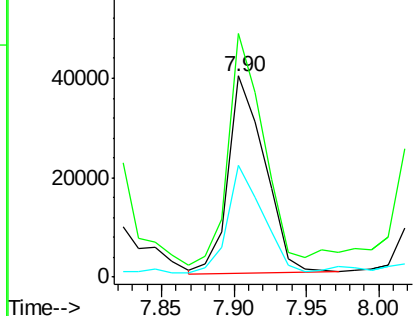
#27
2,4-Dimethylphenol
Concen: 5.16 ng
RT: 7.90 min Scan# 487
Delta R.T. 0.01 min
Lab File: BF090529.D
Acq: 12 Oct 2016 12:21

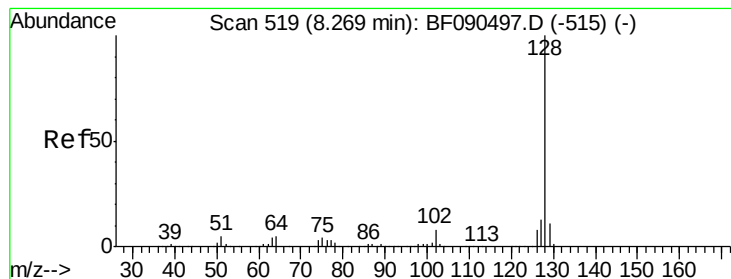
Tgt Ion: 122 Resp: 69720

Ion	Ratio	Lower	Upper
122	100		
107	121.2	88.6	132.8
121	56.0	47.5	71.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 63.61 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090529.D

Acq: 12 Oct 2016 12:21

Instrument :

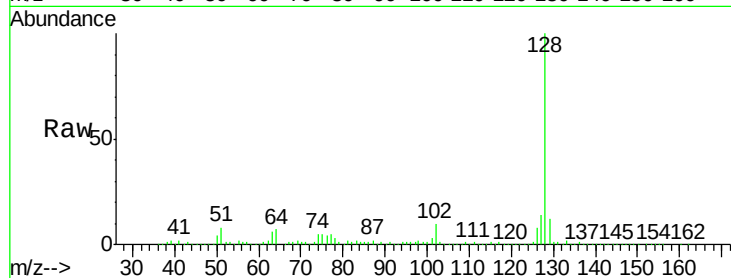
BNA_F

ClientSampled :

S8-0618

Tot Ion:128 Resp: 2790733

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.7	14.5
127	14.1	11.7	17.5

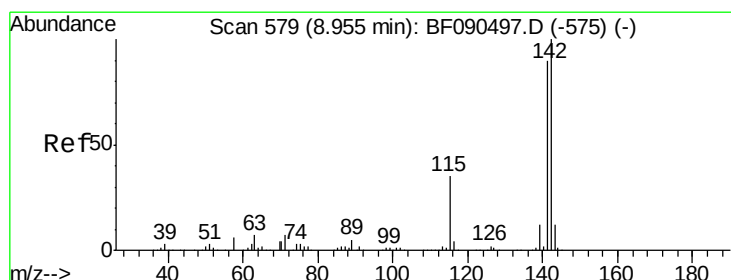
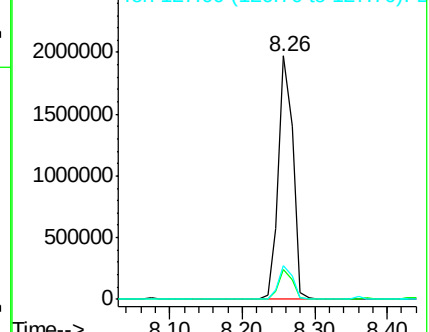
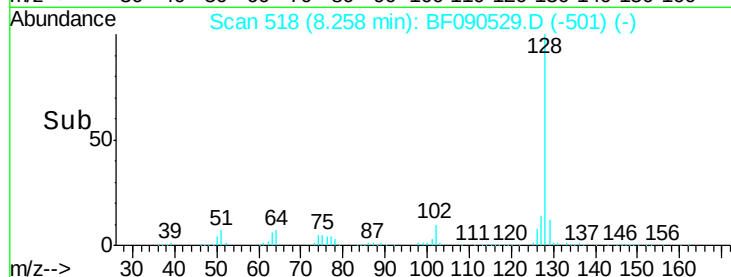


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 21.79 ng

RT: 8.95 min Scan# 579

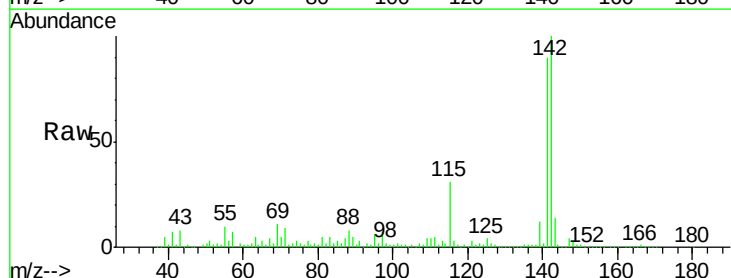
Delta R.T. 0.00 min

Lab File: BF090529.D

Acq: 12 Oct 2016 12:21

Tgt Ion:142 Resp: 641783

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.8	107.8
115	31.4	28.8	43.2

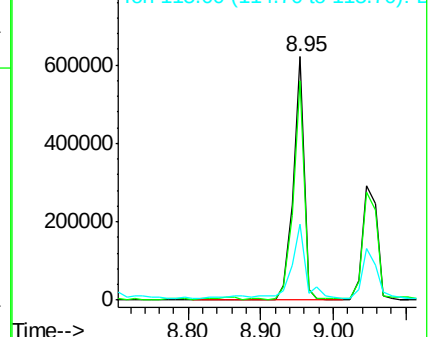
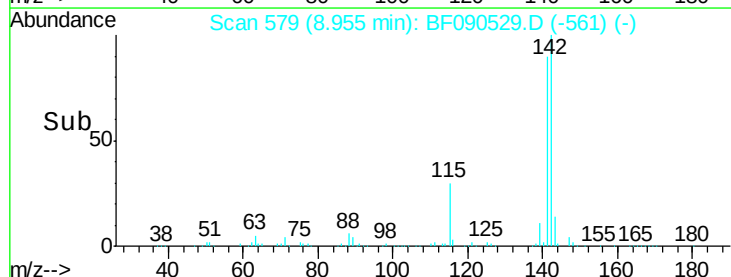


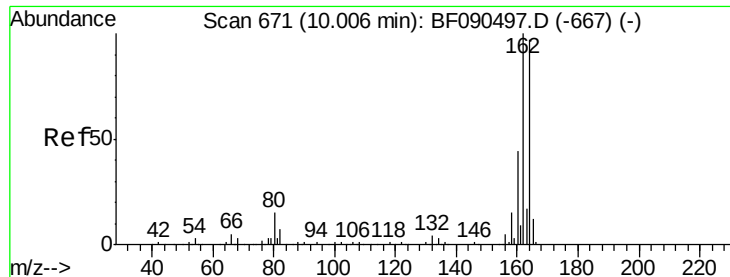
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

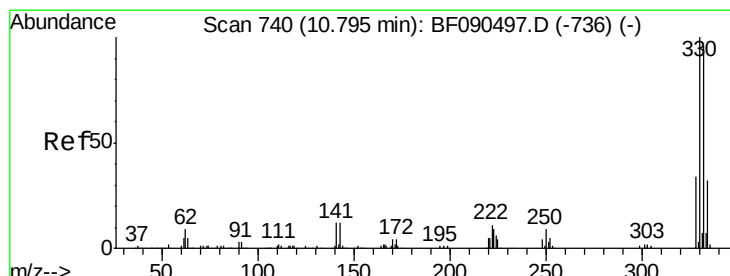
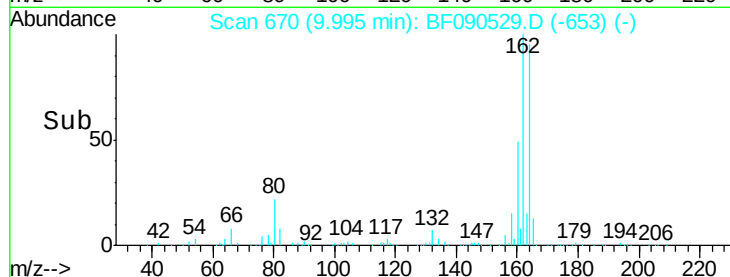
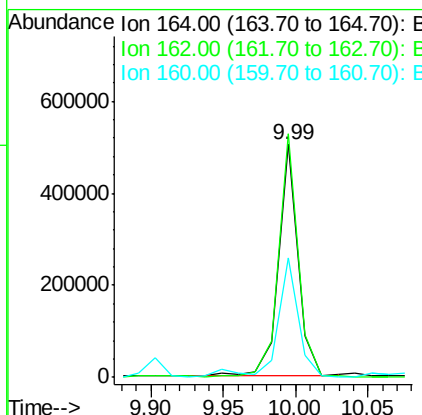
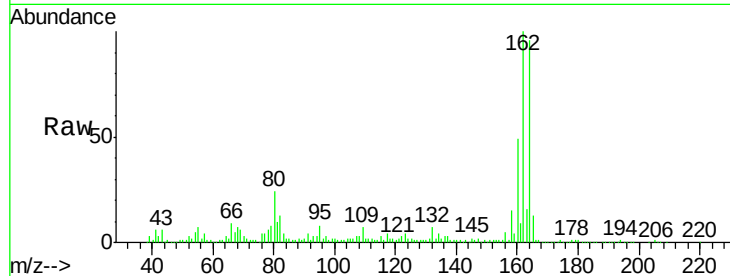




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090529.D
 Acq: 12 Oct 2016 12:21

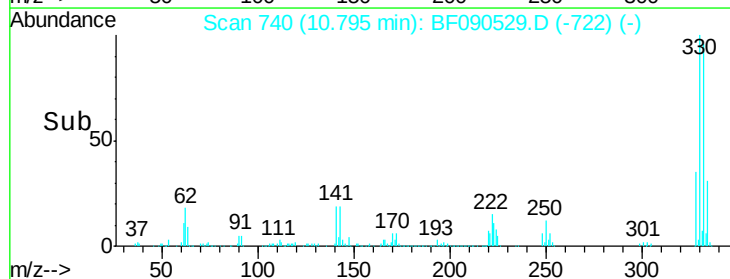
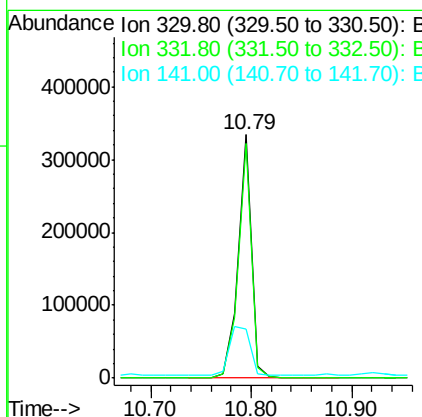
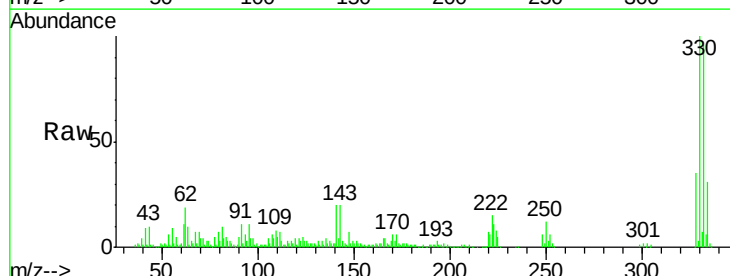
Instrument :
 BNA_F
 ClientSampleId :
 S8-0618

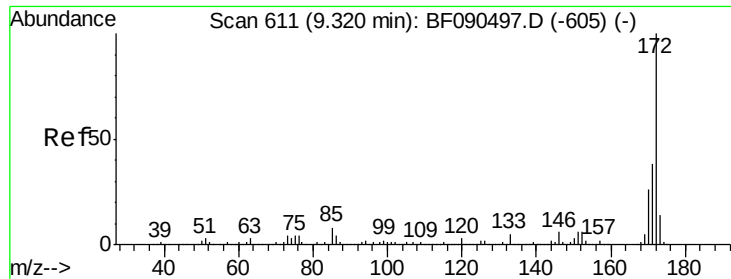
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.1	120.1
160	51.2	36.3	54.5



#41
 2,4,6-Tribromophenol
 Concen: 66.27 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090529.D
 Acq: 12 Oct 2016 12:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.0
141	31.6	26.9	40.3

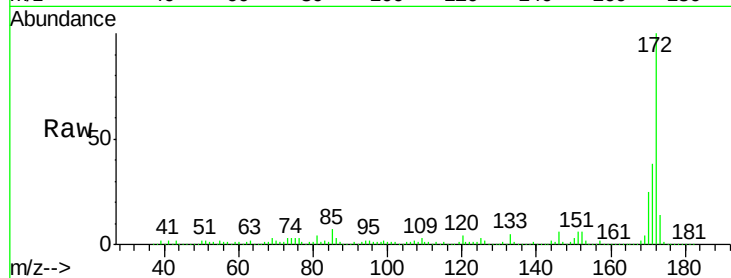




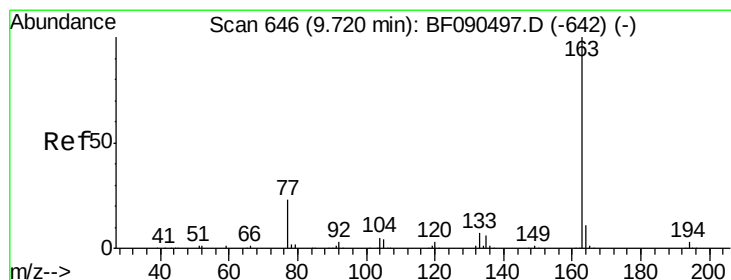
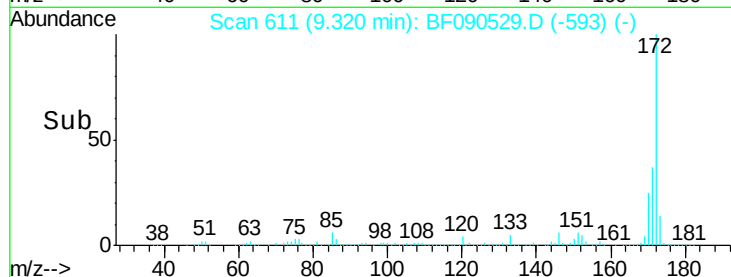
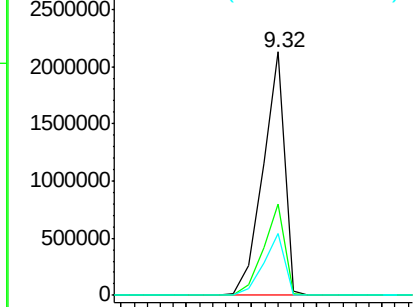
#44
2-Fluorobiphenyl
Concen: 88.80 ng
RT: 9.32 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF090529.D
Acq: 12 Oct 2016 12:21

Instrument :
BNA_F
ClientSampled :
S8-0618

Tot Ion:172 Resp: 2469931
Ion Ratio Lower Upper
172 100
171 37.5 31.8 47.8
170 25.4 21.7 32.5

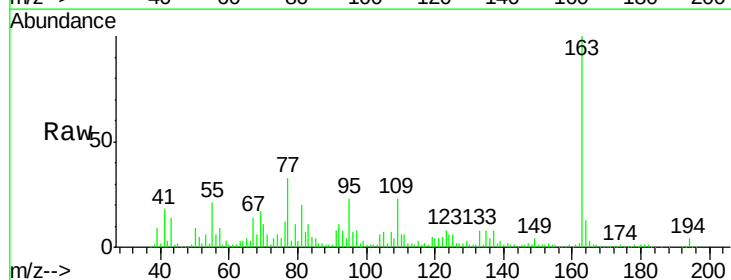


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

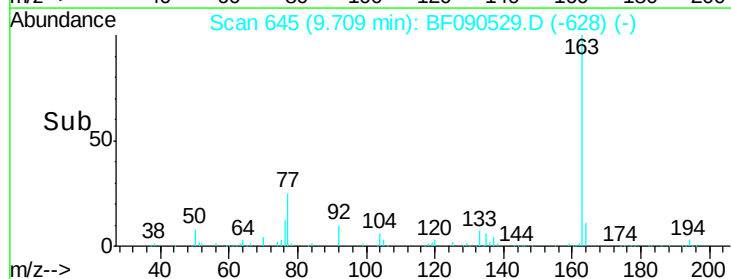
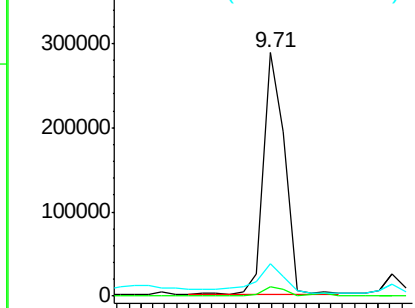


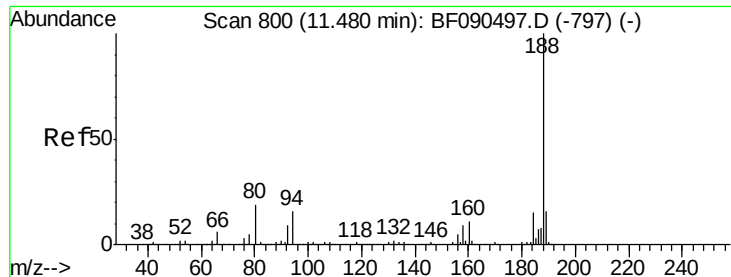
#49
Dimethylphthalate
Concen: 11.36 ng
RT: 9.71 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF090529.D
Acq: 12 Oct 2016 12:21

Tgt Ion:163 Resp: 357239
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 13.3 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

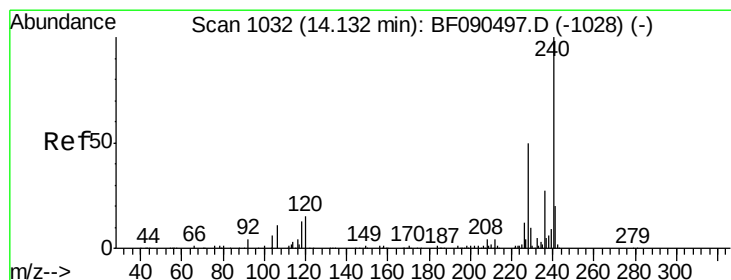
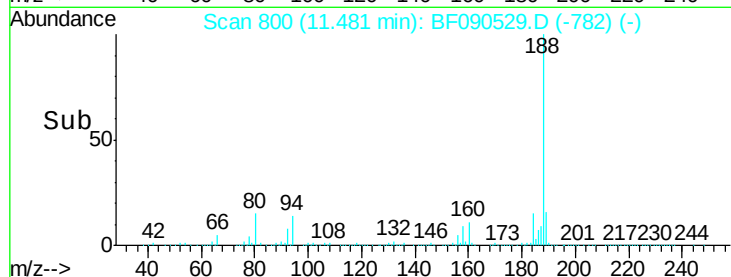
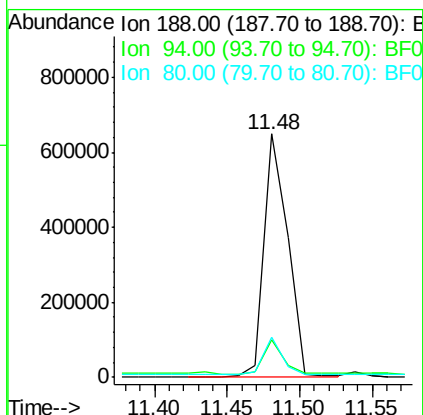
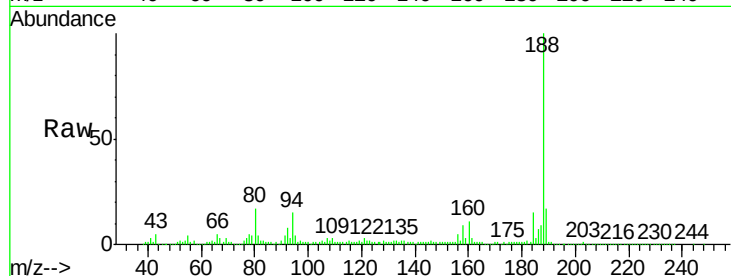




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090529.D
Acq: 12 Oct 2016 12:21

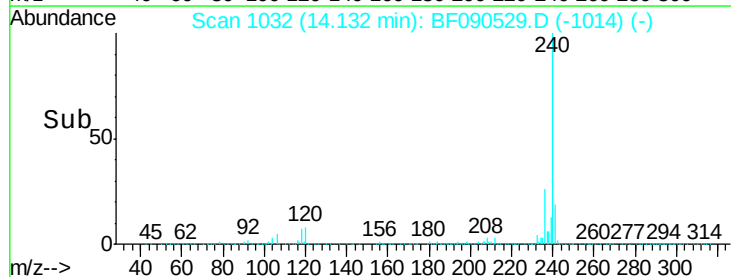
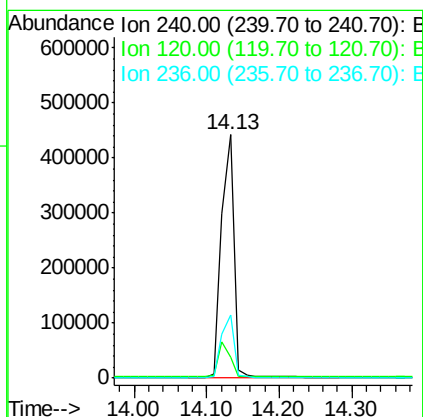
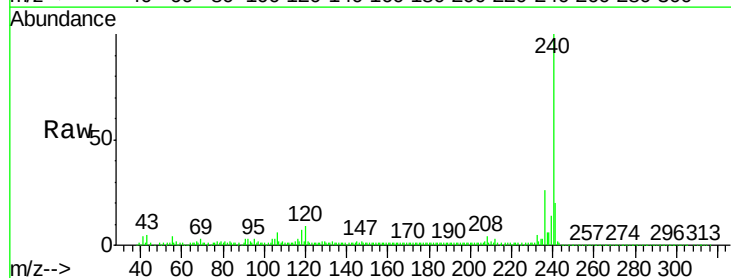
Instrument :
BNA_F
ClientSampleId :
S8-0618

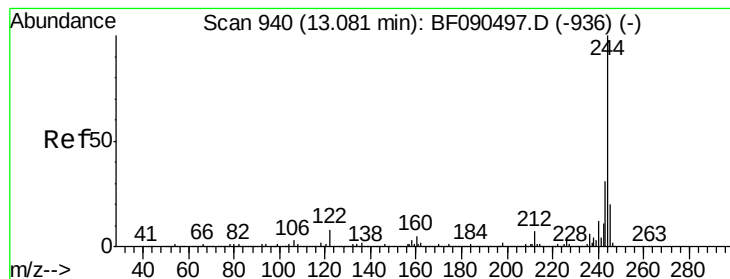
Tot Ion:188 Resp: 728463
Ion Ratio Lower Upper
188 100
94 15.2 8.2 12.2#
80 16.5 8.8 13.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF090529.D
Acq: 12 Oct 2016 12:21

Tgt Ion:240 Resp: 527799
Ion Ratio Lower Upper
240 100
120 8.6 8.6 13.0#
236 25.9 21.6 32.4





#78

Terphenyl-d14

Concen: 92.10 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF090529.D

Acq: 12 Oct 2016 12:21

Instrument :

BNA_F

ClientSampleId :

S8-0618

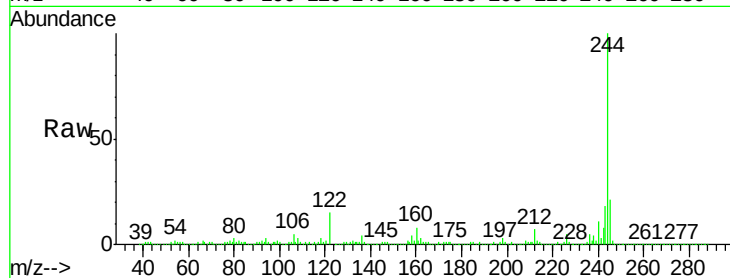
Tot Ion:244 Resp: 1989025

Ion Ratio Lower Upper

244 100

212 7.4 6.8 10.2

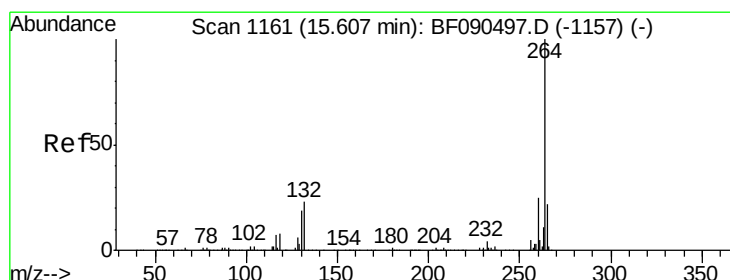
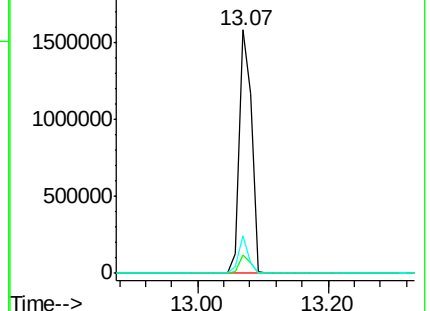
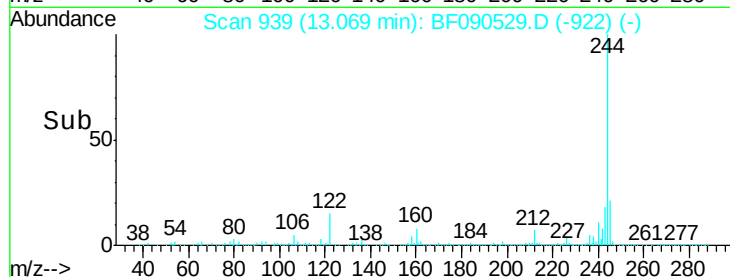
122 15.4 13.3 19.9



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: 15.61 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF090529.D

Acq: 12 Oct 2016 12:21

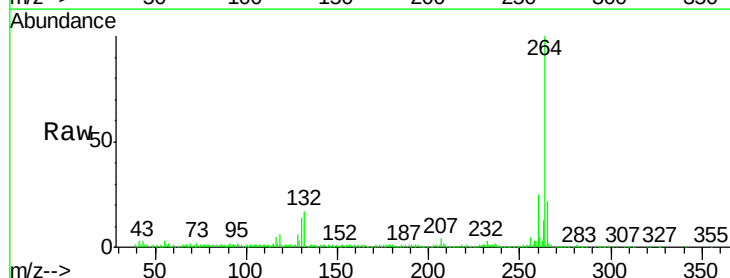
Tgt Ion:264 Resp: 399630

Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 21.9 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

