

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084818.D
 Acq On : 4 Feb 2016 6:56
 Operator : SJ/IZ
 Sample : H1322-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(17-19)

Quant Time: Feb 04 07:28:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

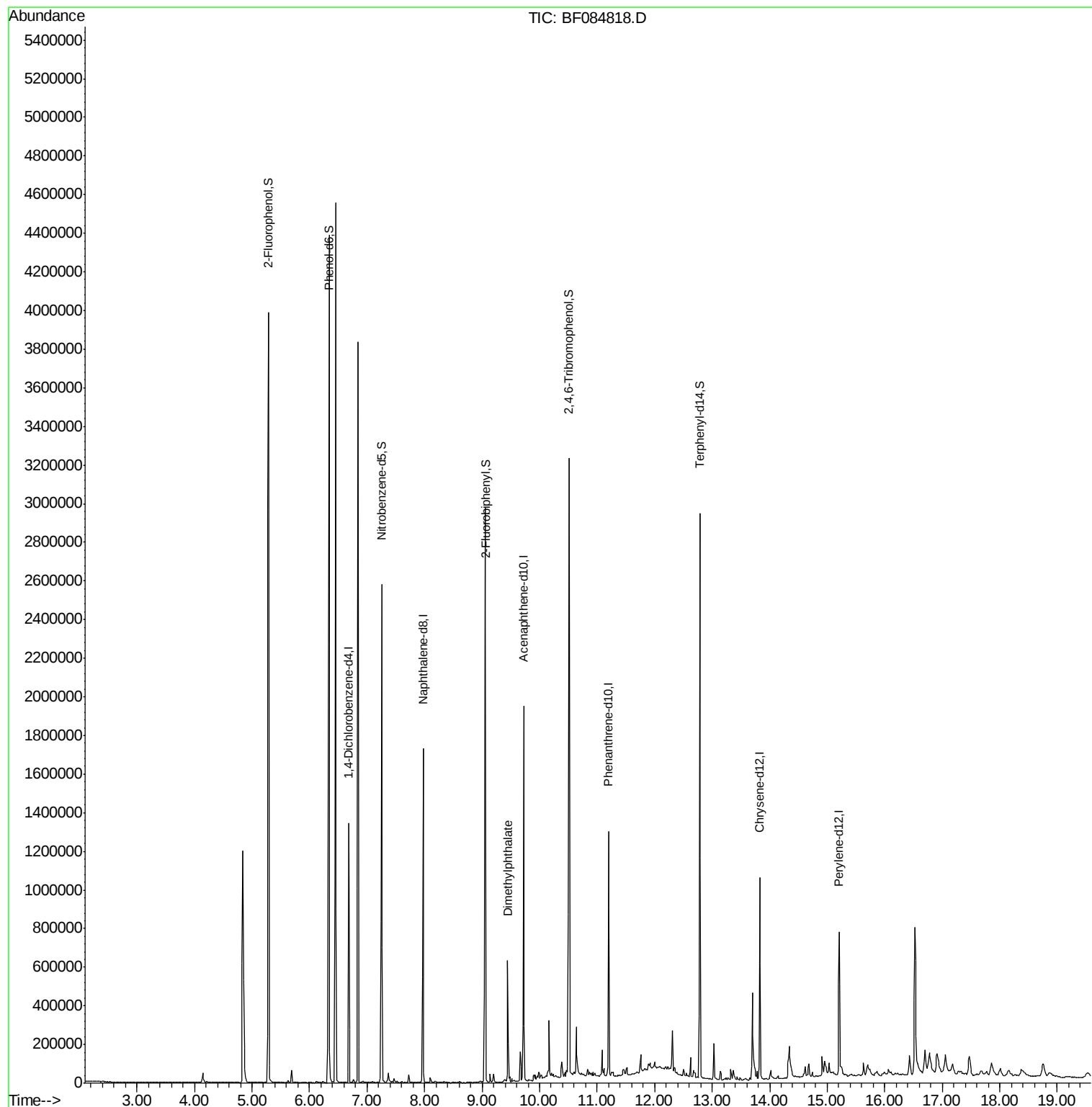
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	182455	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	800088	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	360173	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	602167	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	440071	20.00	ng	-0.01
86) Perylene-d12	15.21	264	354878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1419109	121.15	ng	0.01
7) Phenol-d6	6.34	99	1630683	112.29	ng	0.00
23) Nitrobenzene-d5	7.25	82	961562	67.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	358424	95.40	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1397626	59.12	ng	0.00
78) Terphenyl-d14	12.79	244	1006765	51.84	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	242523	8.84	ng	# 89

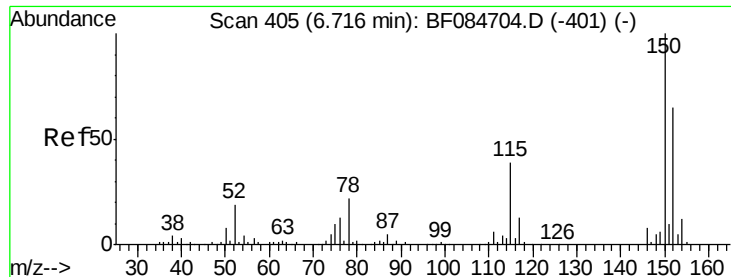
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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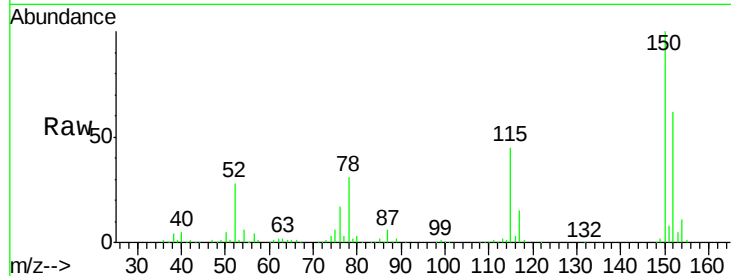


#1

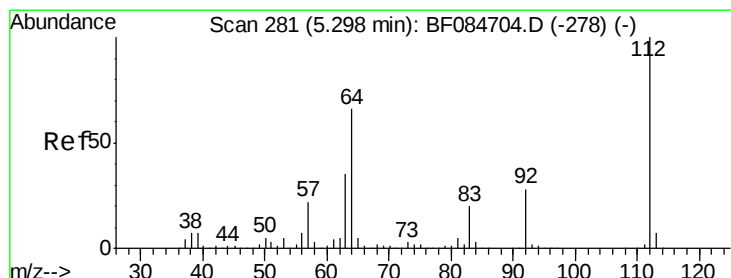
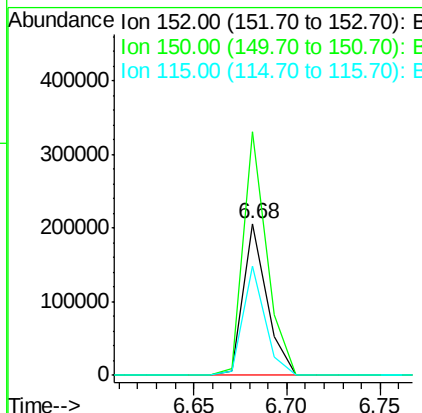
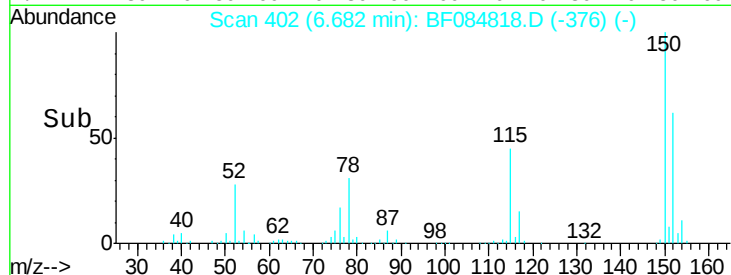
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BF084818.D
 Acq: 4 Feb 2016 6:56

Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(17-19)

Tot Ion:152 Resp: 182455
 Ion Ratio Lower Upper
 152 100
 150 160.3 123.0 184.4
 115 72.2 51.4 77.2



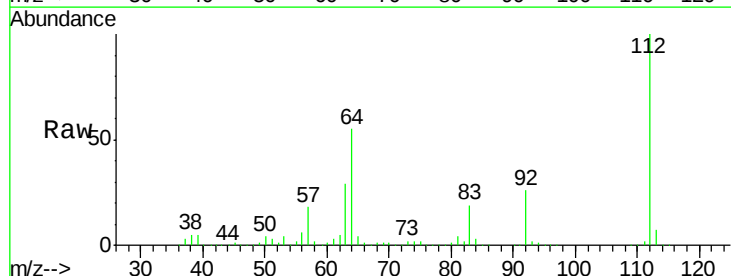
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



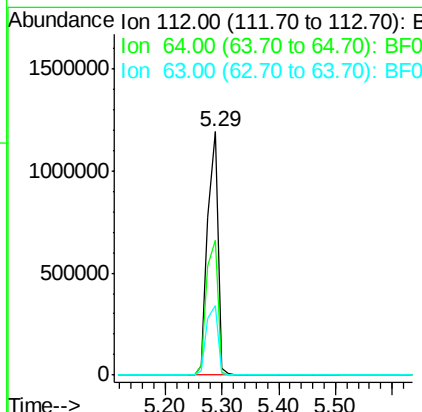
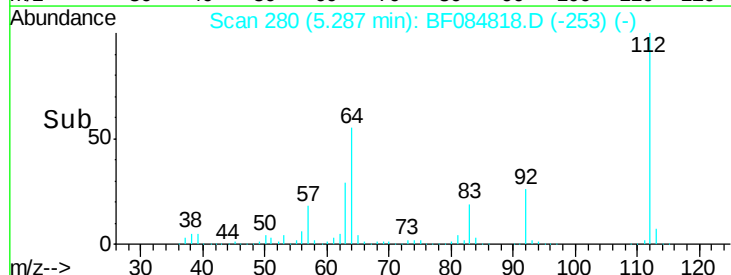
#5

2-Fluorophenol
 Concen: 121.15 ng
 RT: 5.29 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: BF084818.D
 Acq: 4 Feb 2016 6:56

Tgt Ion:112 Resp: 1419109
 Ion Ratio Lower Upper
 112 100
 64 55.4 36.6 55.0#
 63 28.7 19.4 29.0



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: 112.29 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084818.D

Acq: 4 Feb 2016 6:56

Instrument :

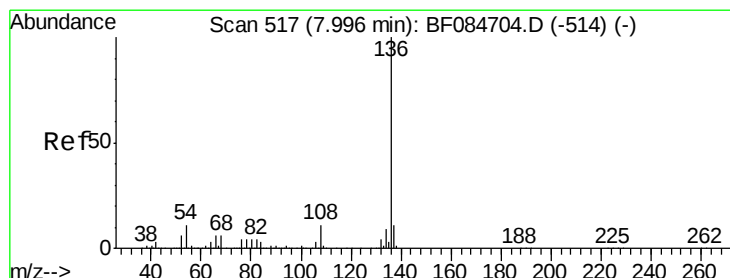
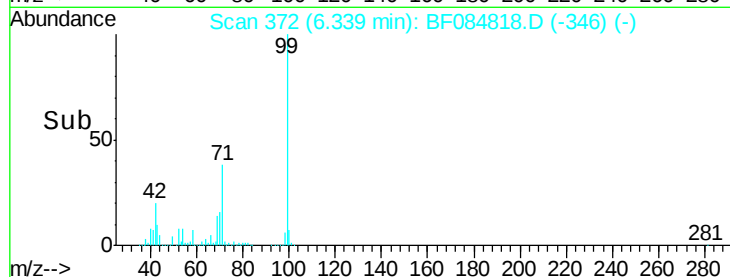
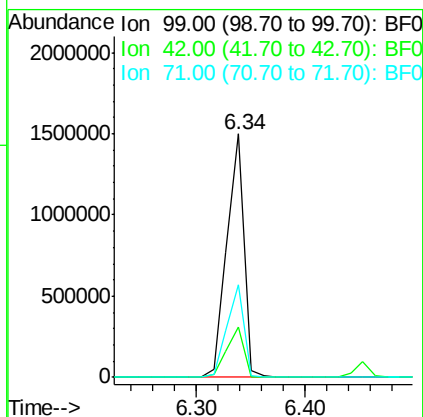
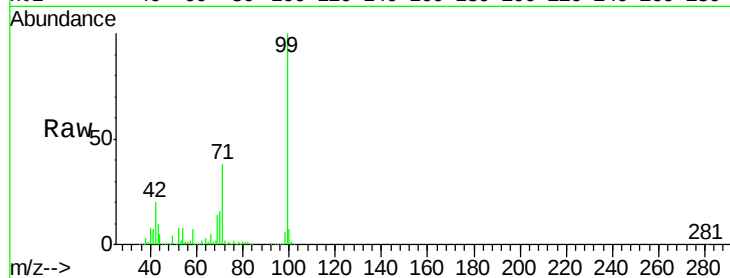
BNA_F

ClientSampleId :

S4-B016(17-19)

Tot Ion: 99 Resp: 1630683

Ion	Ratio	Lower	Upper
99	100		
42	20.4	12.8	19.2#
71	37.9	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

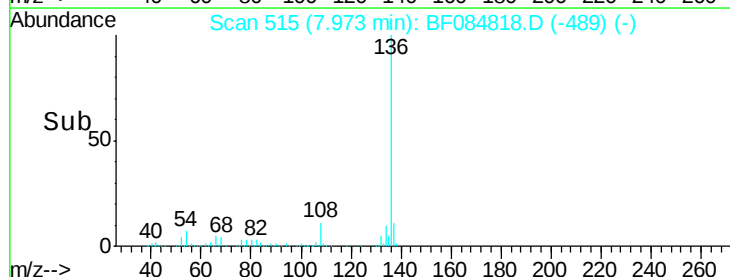
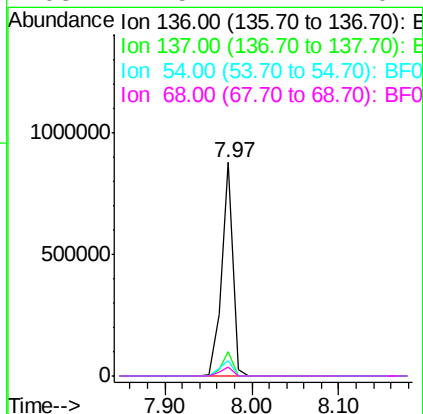
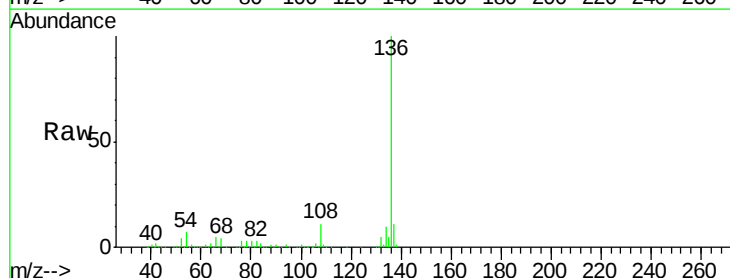
Delta R.T. 0.00 min

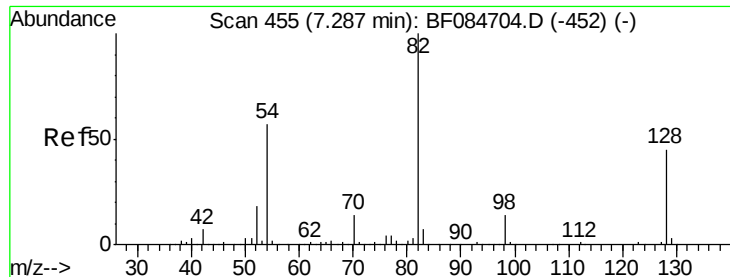
Lab File: BF084818.D

Acq: 4 Feb 2016 6:56

Tgt Ion: 136 Resp: 800088

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.3	5.8	8.8
68	4.5	4.2	6.2

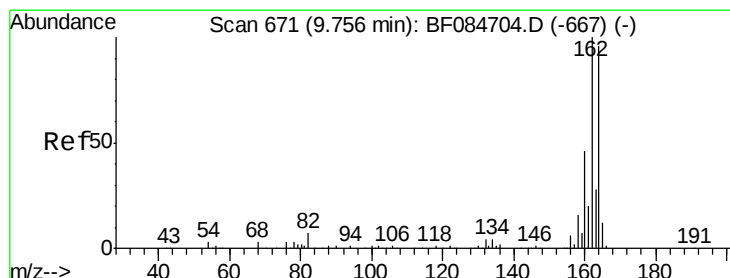
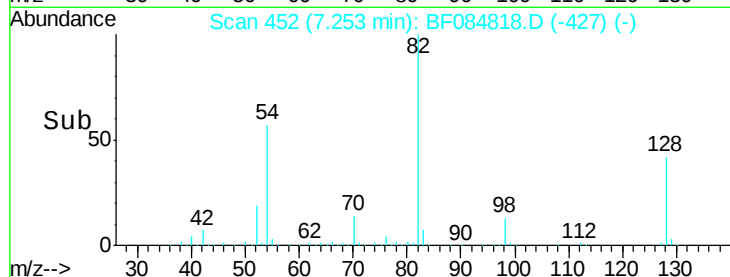
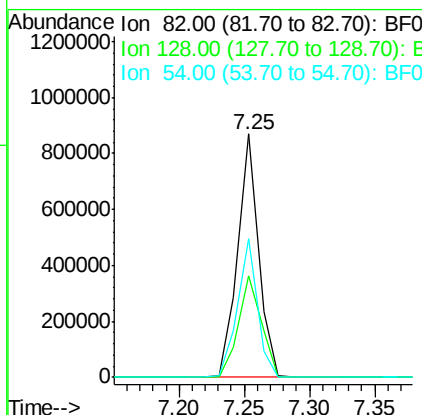
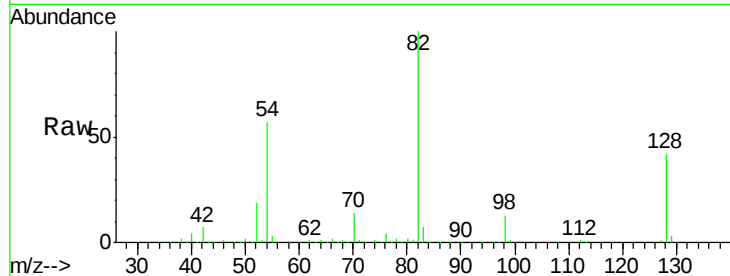




#23
 Nitrobenzene-d5
 Concen: 67.70 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF084818.D
 Acq: 4 Feb 2016 6:56

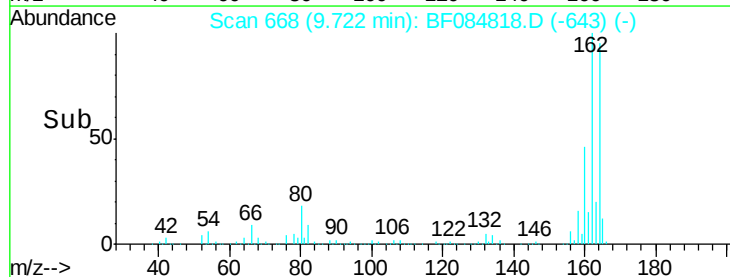
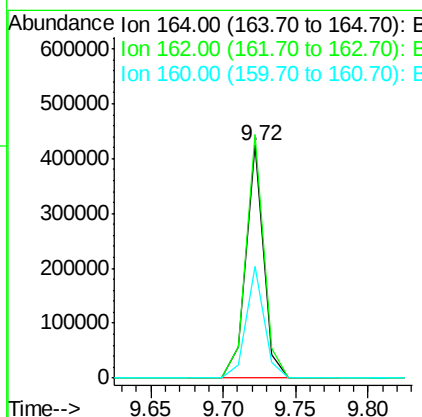
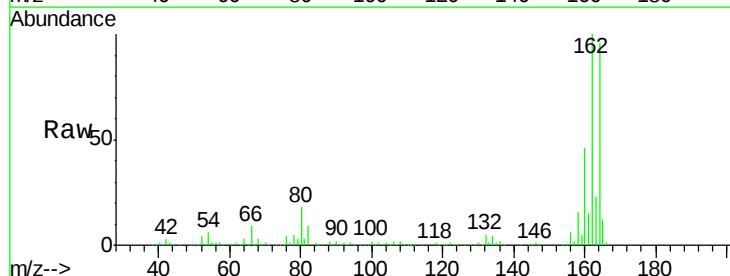
Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(17-19)

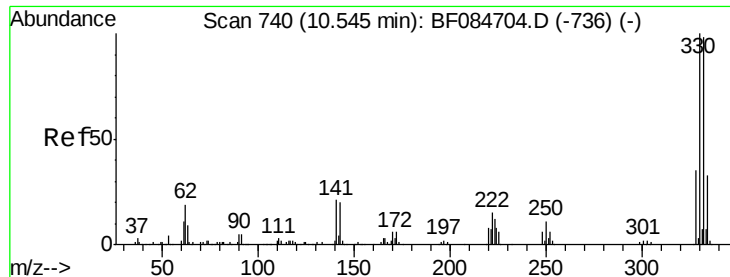
Tot Ion	82	Resp	961562
Ion Ratio	Lower	Upper	
82	100		
128	41.6	34.6	51.8
54	57.1	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF084818.D
 Acq: 4 Feb 2016 6:56

Tgt Ion	164	Resp	360173
Ion Ratio	Lower	Upper	
164	100		
162	104.5	85.1	127.7
160	47.8	37.5	56.3

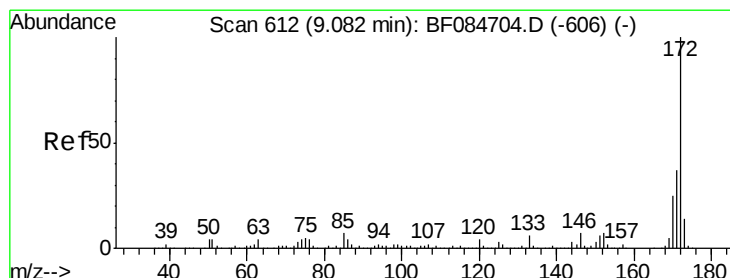
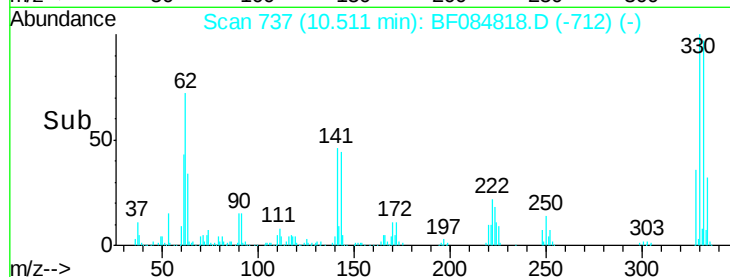
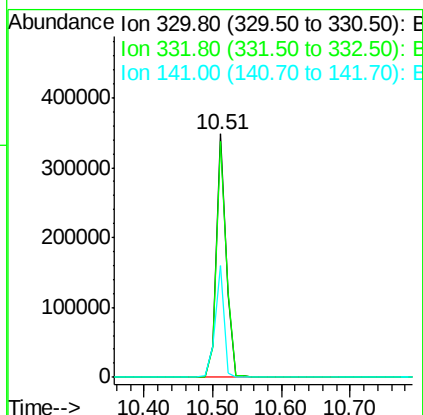
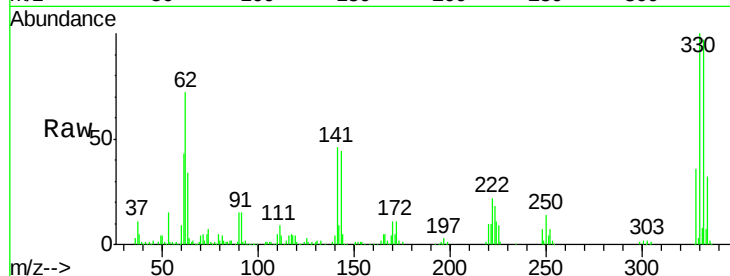




#41
 2,4,6-Tribromophenol
 Concen: 95.40 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084818.D
 Acq: 4 Feb 2016 6:56

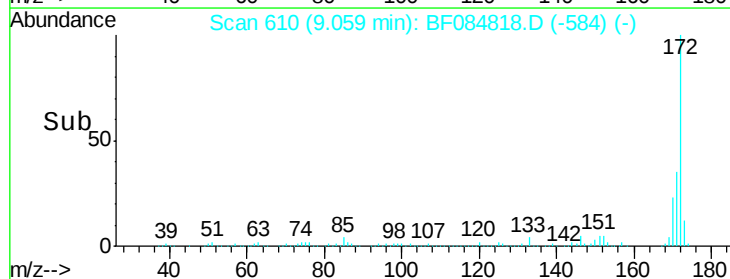
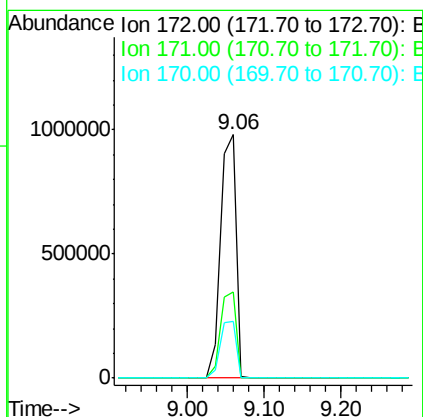
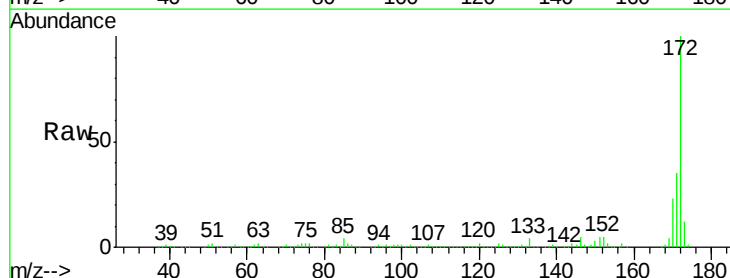
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 BNA_F
 ClientSampleId :
 S4-B016(17-19)

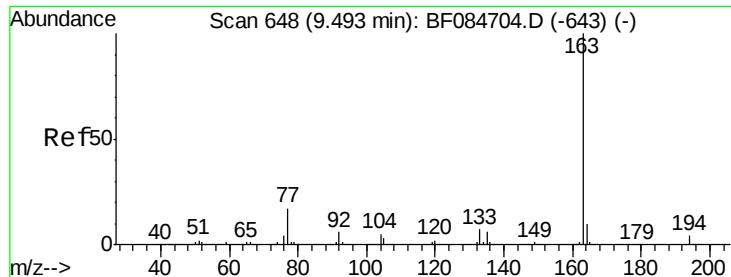
Tot Ion:330 Resp: 358424
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 41.5 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 59.12 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084818.D
 Acq: 4 Feb 2016 6:56

Tgt Ion:172 Resp: 1397626
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.3 18.6 27.8

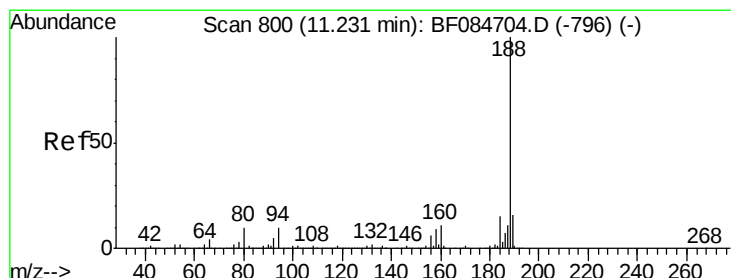
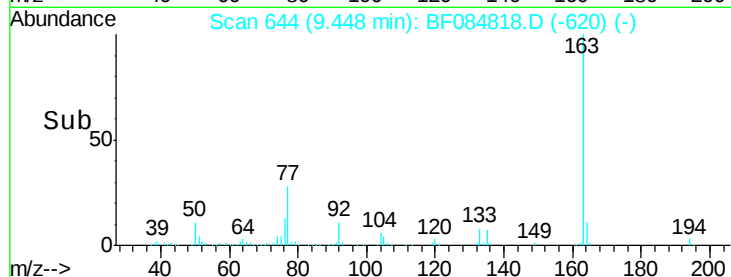
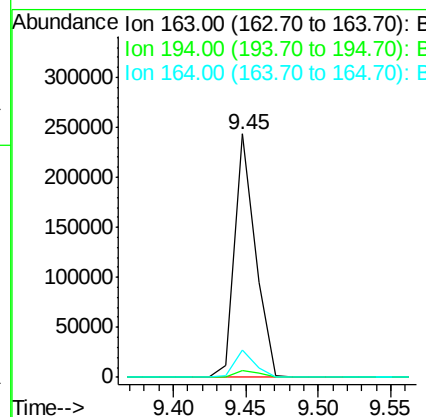
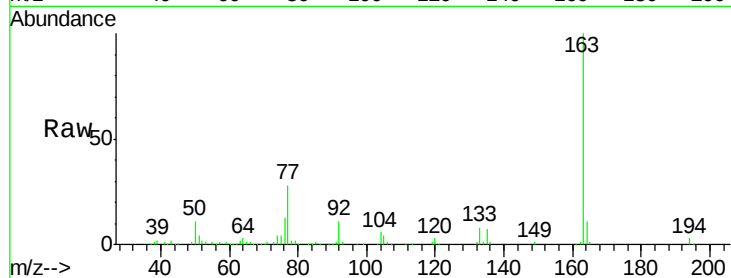




#49
Dimethylphthalate
Concen: 8.84 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084818.D
Acq: 4 Feb 2016 6:56

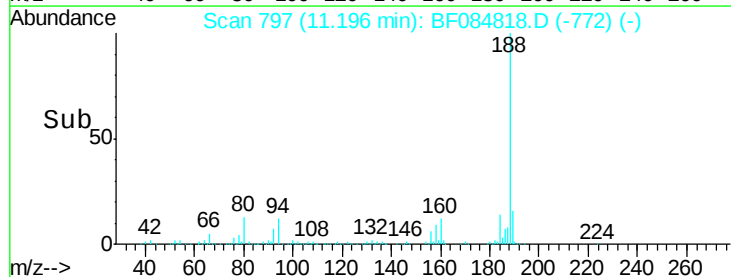
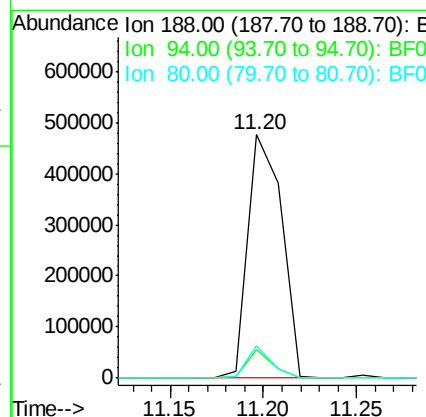
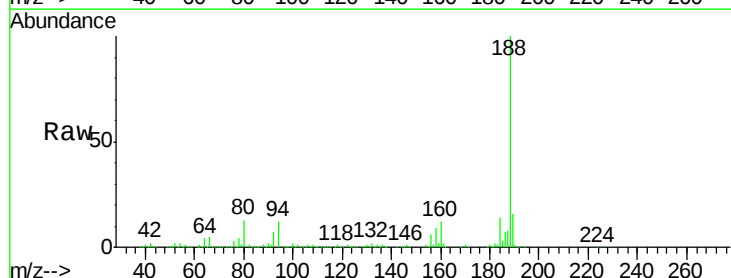
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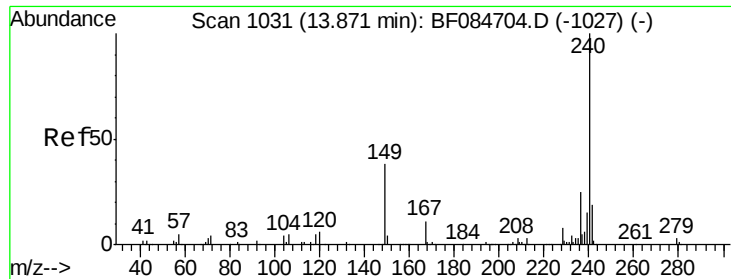
Tot Ion:163 Resp: 242523
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 11.1 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF084818.D
Acq: 4 Feb 2016 6:56

Tgt Ion:188 Resp: 602167
Ion Ratio Lower Upper
188 100
94 11.9 9.0 13.4
80 13.1 9.6 14.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084818.D

Acq: 4 Feb 2016 6:56

Instrument :

BNA_F

ClientSampleId :

S4-B016(17-19)

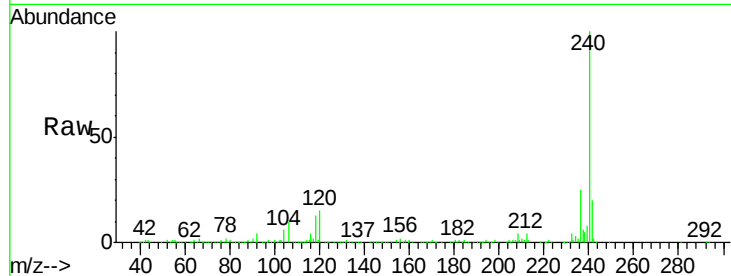
Tot Ion:240 Resp: 440071

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

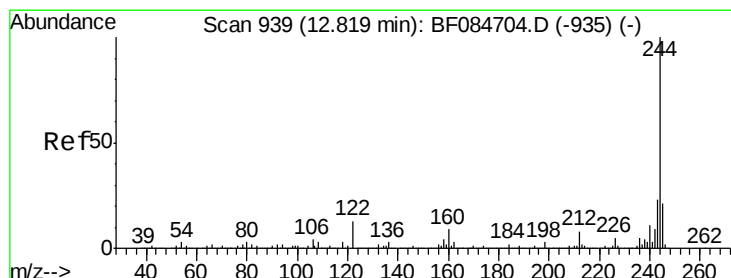
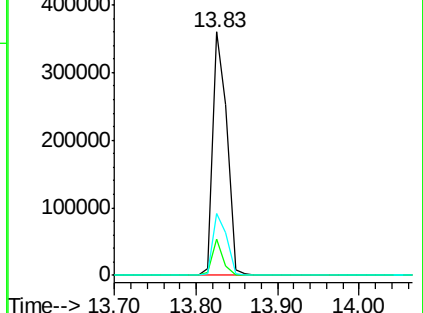
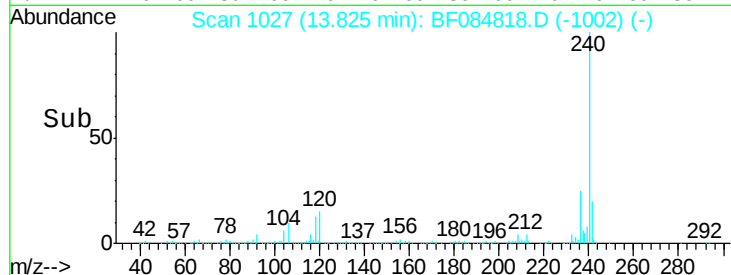
236 25.4 20.6 31.0



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: 51.84 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF084818.D

Acq: 4 Feb 2016 6:56

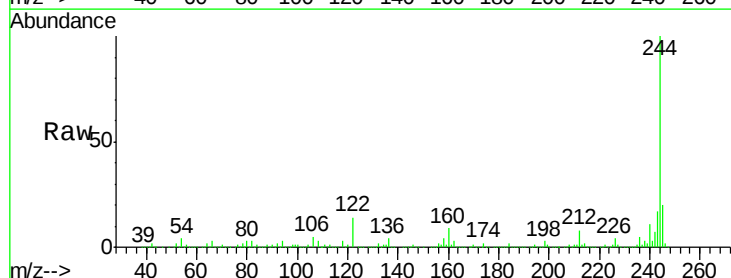
Tgt Ion:244 Resp: 1006765

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

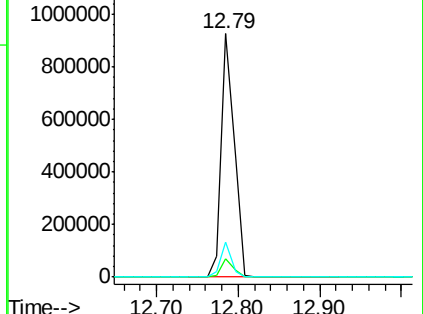
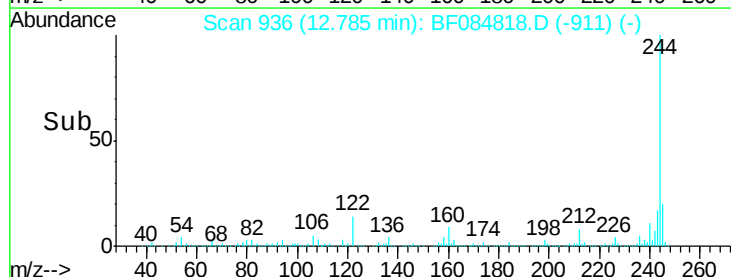
122 14.4 7.4 11.0#

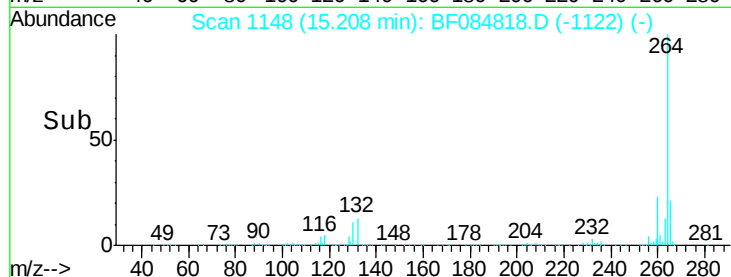
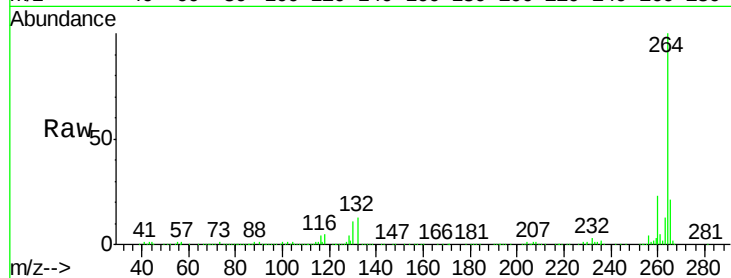
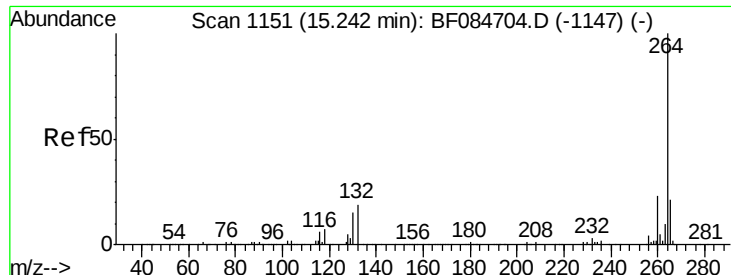


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF084818.D

Acq: 4 Feb 2016 6:56

Instrument :

BNA_F

ClientSampleId :

S4-B016(17-19)

Tot Ion:264 Resp: 354878

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 21.1 17.8 26.6

