

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084218.D
 Acq On : 1 Jan 2016 2:02
 Operator : UM/SJ
 Sample : G4982-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-S8-2015-5

Quant Time: Jan 02 02:29:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

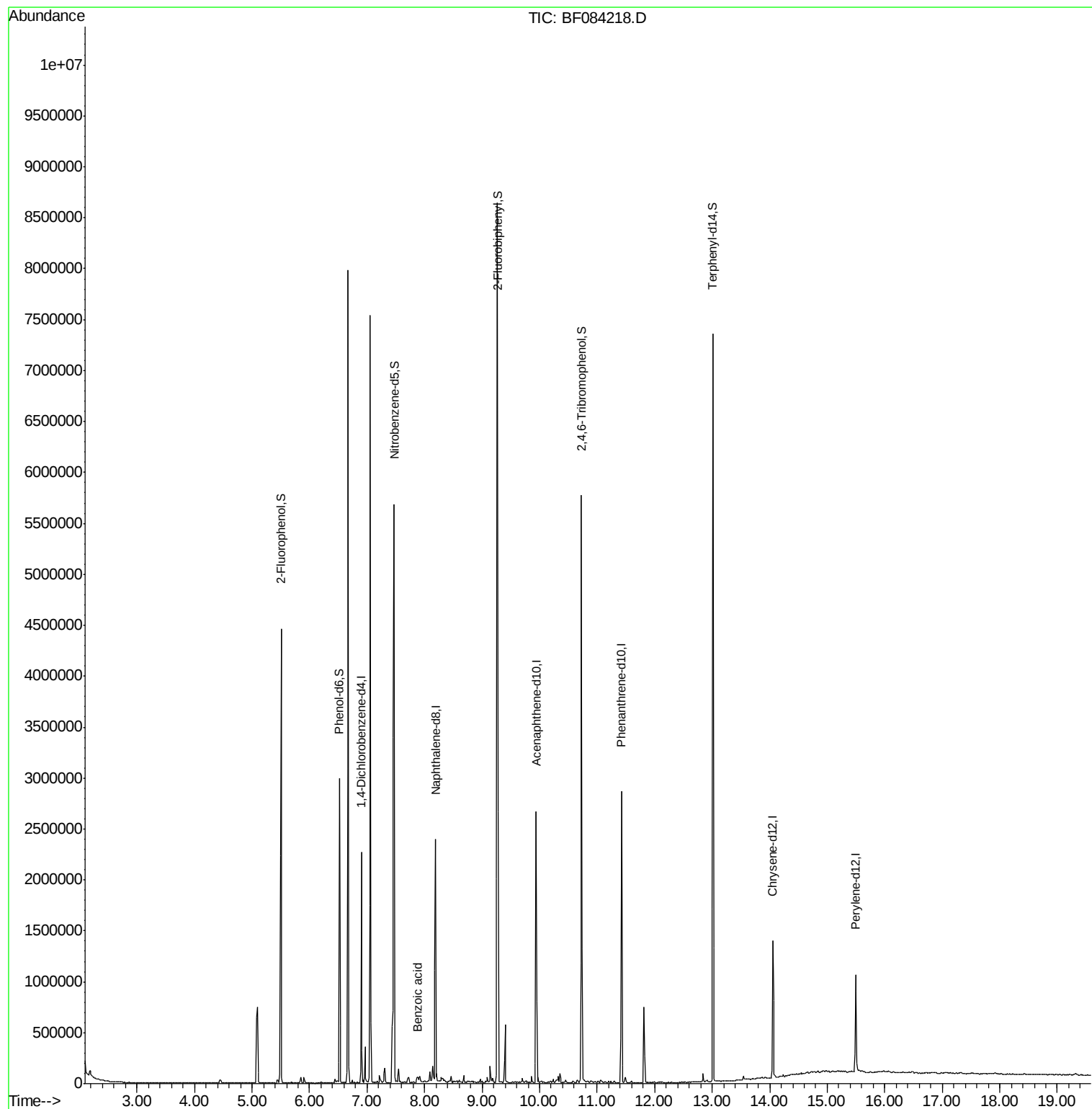
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	289967	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1182284	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	514733	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	926765	20.00	ng	0.00
75) Chrysene-d12	14.05	240	545805	20.00	ng	-0.01
86) Perylene-d12	15.49	264	517894	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1268114	70.74	ng	0.01
7) Phenol-d6	6.52	99	857250	38.07	ng	-0.01
23) Nitrobenzene-d5	7.47	82	2119176	99.76	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	665692	128.10	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2820964	97.33	ng	0.00
78) Terphenyl-d14	13.01	244	2195441	89.79	ng	0.00
Target Compounds						
32) Benzoic acid	7.88	122	13338	7.16	ng	Qvalue 96

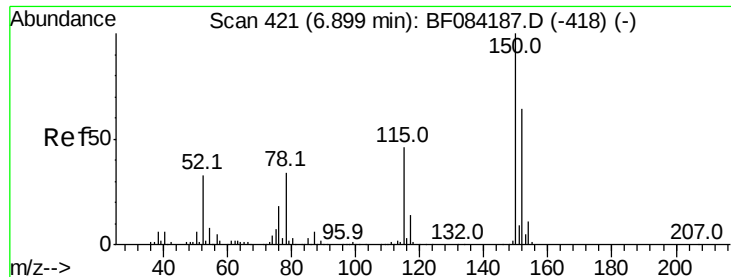
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084218.D

Acq: 1 Jan 2016 2:02

Instrument :

BNA_F

ClientSampleId :

EB-S8-2015-5

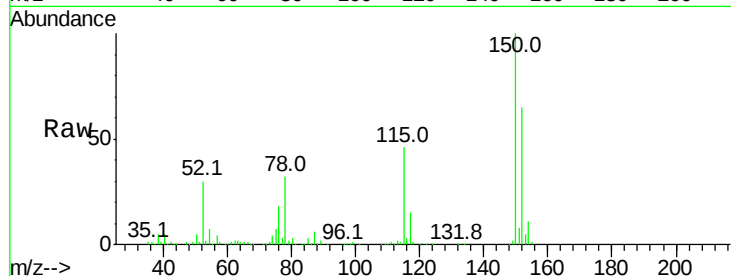
Tot Ion:152 Resp: 289967

Ion Ratio Lower Upper

152 100

150 154.1 123.0 184.4

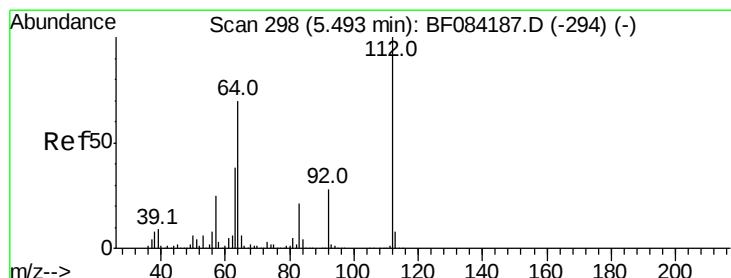
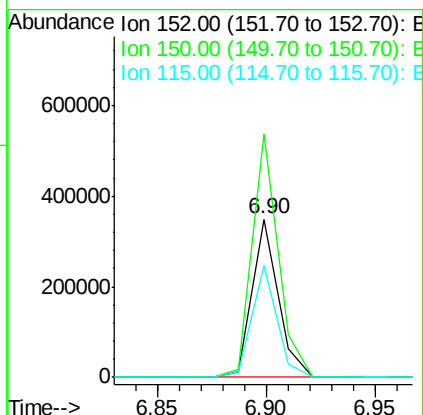
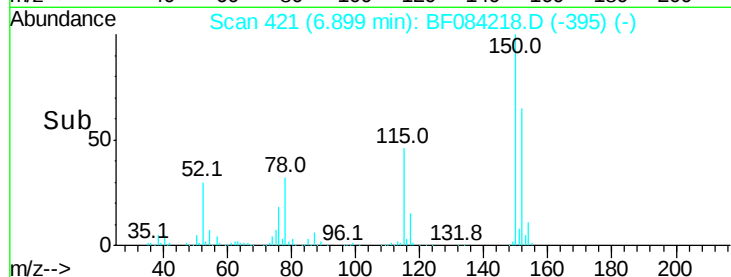
115 70.5 51.4 77.2



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: 70.74 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084218.D

Acq: 1 Jan 2016 2:02

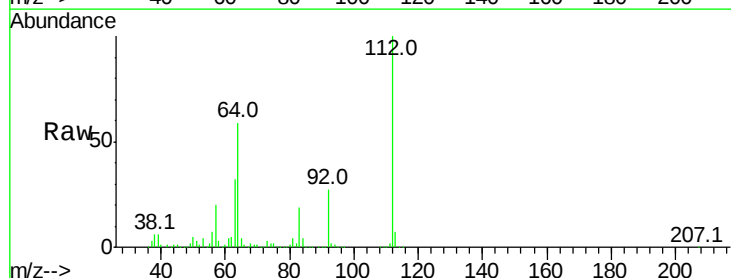
Tgt Ion:112 Resp: 1268114

Ion Ratio Lower Upper

112 100

64 59.5 36.6 55.0#

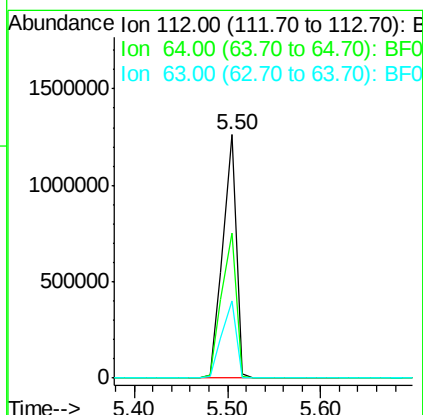
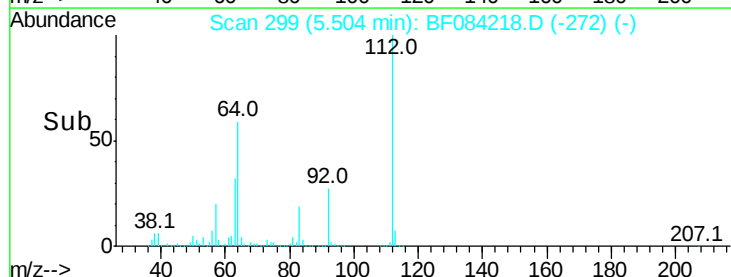
63 31.5 19.4 29.0#

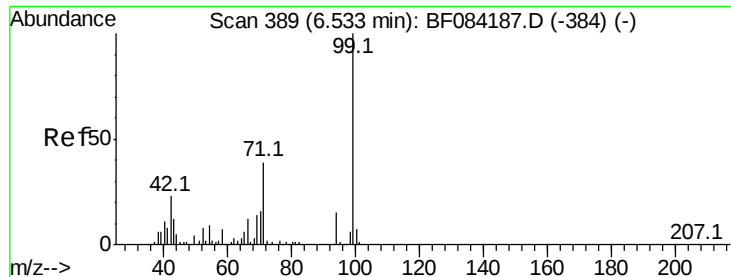


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.07 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084218.D

Acq: 1 Jan 2016 2:02

Instrument :

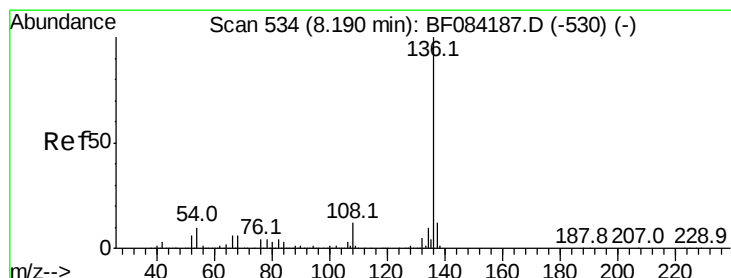
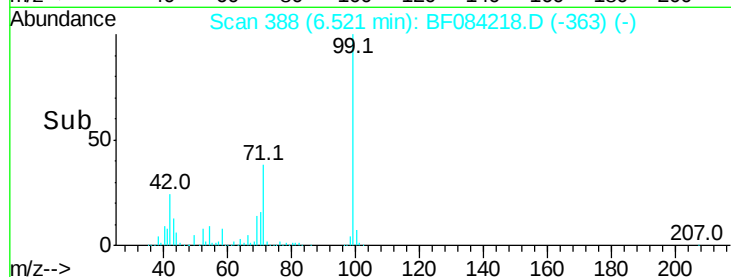
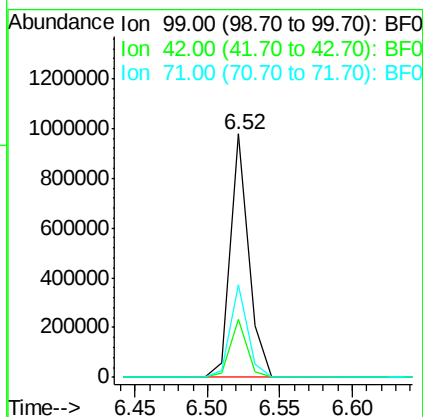
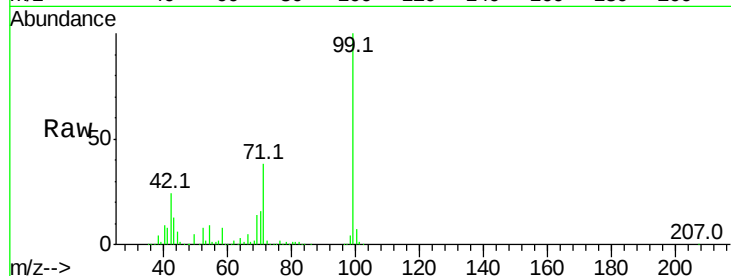
BNA_F

ClientSampleId :

EB-S8-2015-5

Tot Ion: 99 Resp: 857250

Ion	Ratio	Lower	Upper
99	100		
42	23.8	12.8	19.2#
71	38.1	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

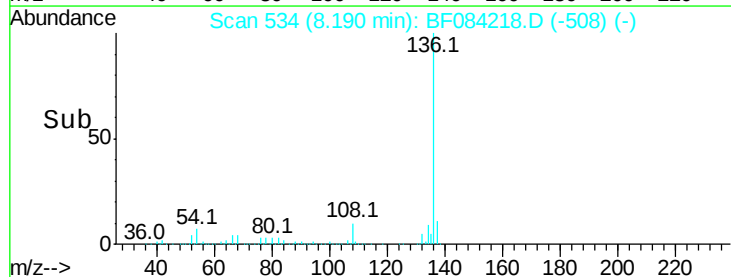
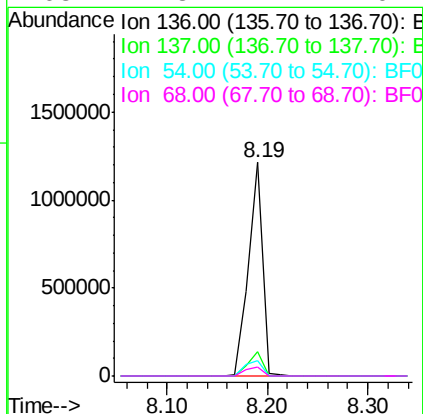
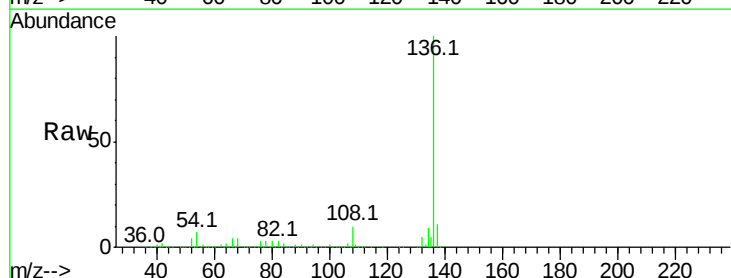
Delta R.T. 0.00 min

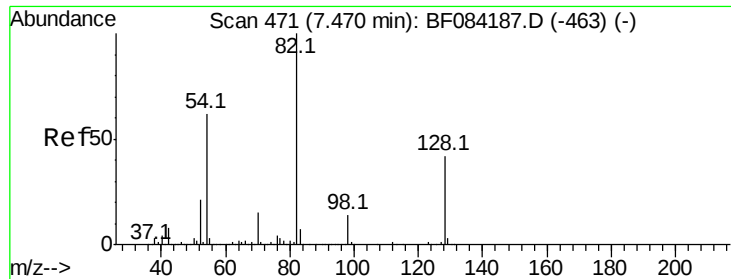
Lab File: BF084218.D

Acq: 1 Jan 2016 2:02

Tgt Ion: 136 Resp: 1182284

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.3	5.8	8.8
68	4.3	4.2	6.2

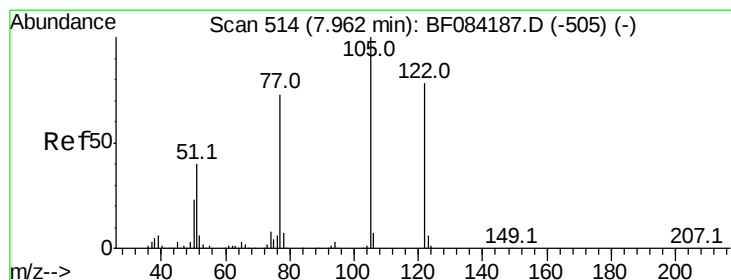
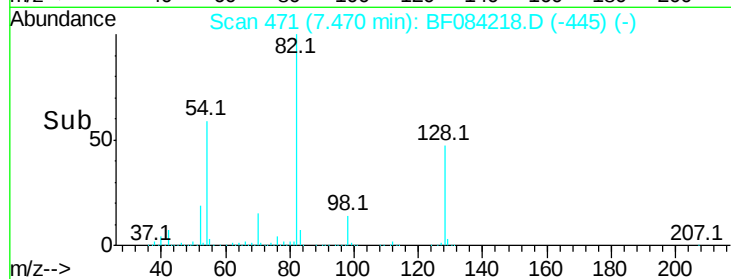
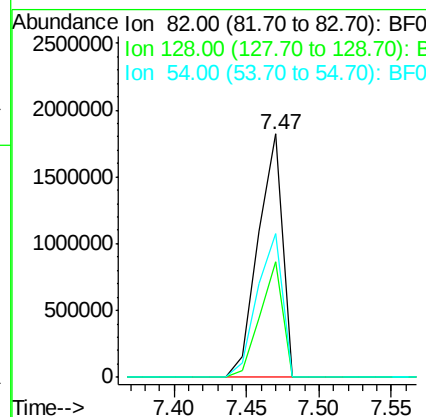
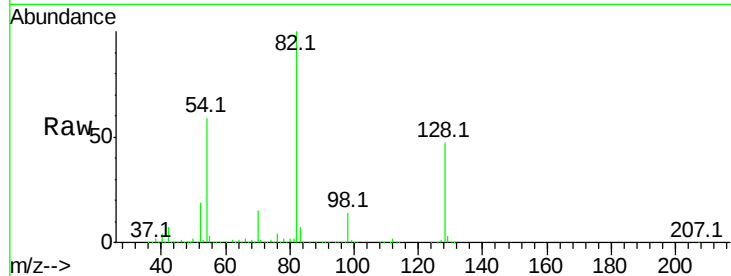




#23
Nitrobenzene-d5
Concen: 99.76 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF084218.D
Acq: 1 Jan 2016 2:02

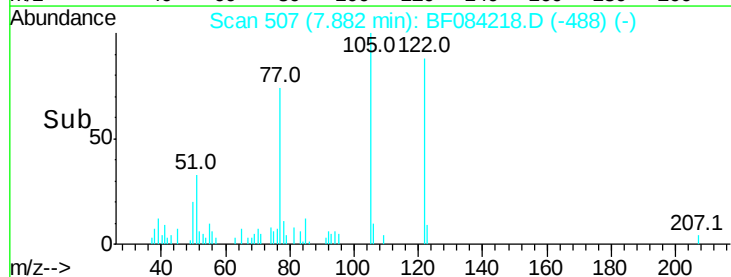
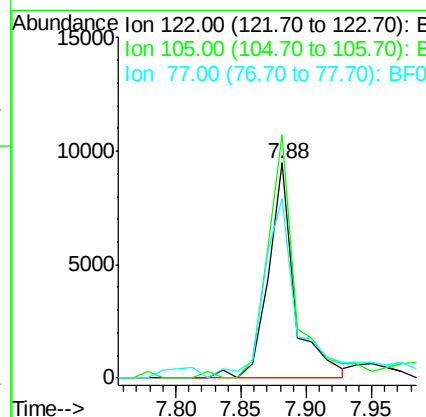
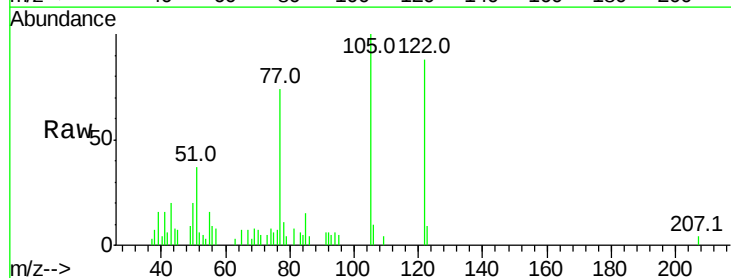
Instrument :
BNA_F
ClientSampleId :
EB-S8-2015-5

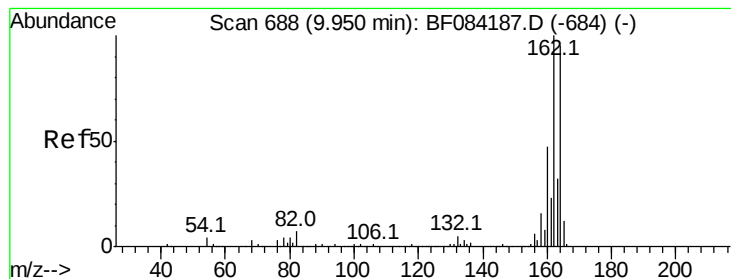
Tot Ion: 82 Resp: 2119176
Ion Ratio Lower Upper
82 100
128 47.5 34.6 51.8
54 59.1 38.4 57.6#



#32
Benzoic acid
Concen: 7.16 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.08 min
Lab File: BF084218.D
Acq: 1 Jan 2016 2:02

Tgt Ion:122 Resp: 13338
Ion Ratio Lower Upper
122 100
105 113.1 100.3 140.3
77 83.3 63.5 103.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084218.D

Acq: 1 Jan 2016 2:02

Instrument :

BNA_F

ClientSampleId :

EB-S8-2015-5

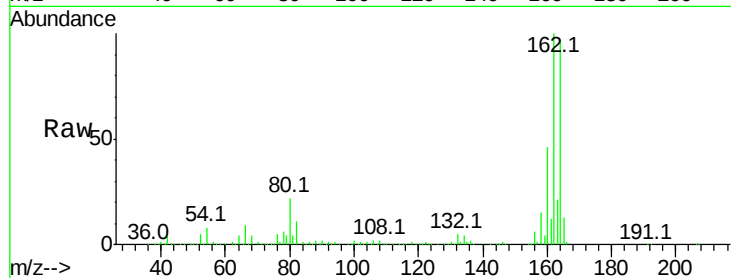
Tot Ion:164 Resp: 514733

Ion Ratio Lower Upper

164 100

162 102.7 85.1 127.7

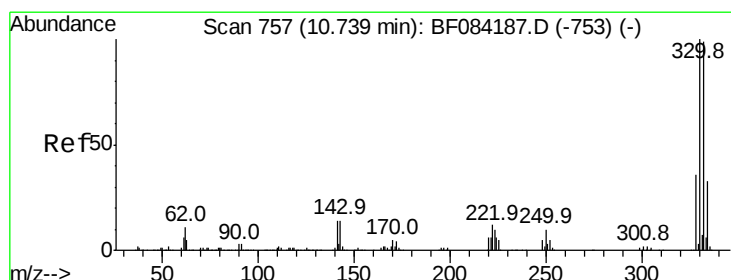
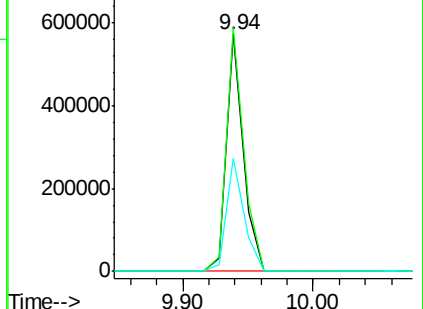
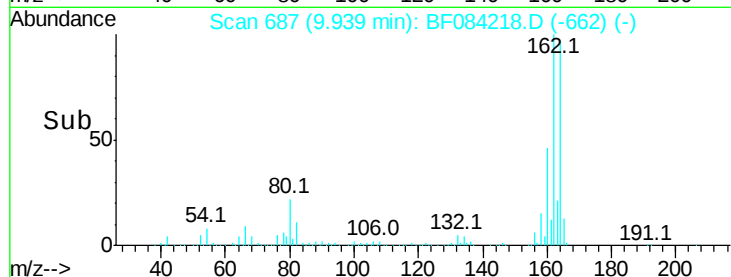
160 47.6 37.5 56.3



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: 128.10 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF084218.D

Acq: 1 Jan 2016 2:02

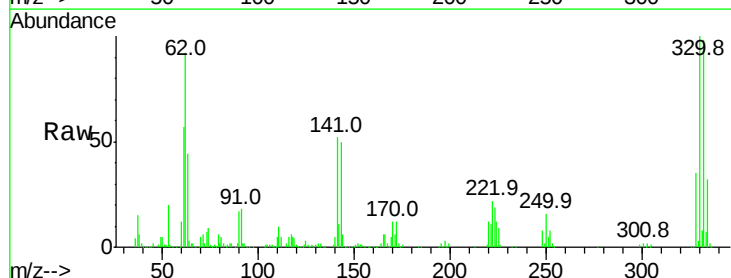
Tgt Ion:330 Resp: 665692

Ion Ratio Lower Upper

330 100

332 97.8 76.6 114.8

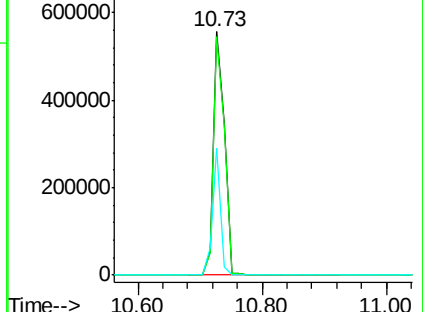
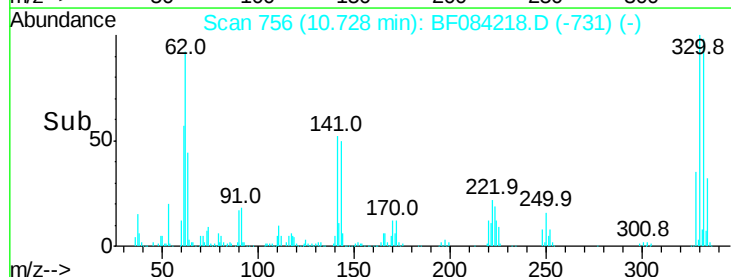
141 38.8 27.8 41.6

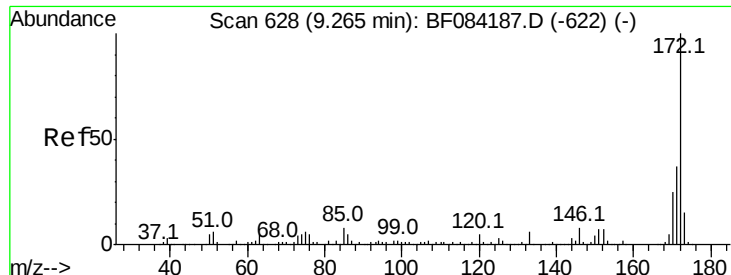


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



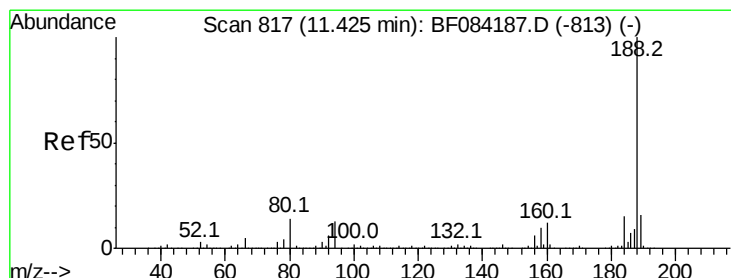
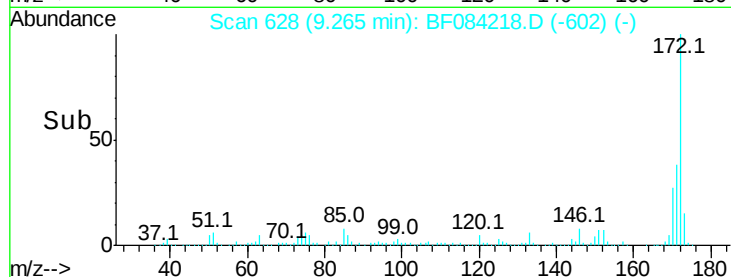
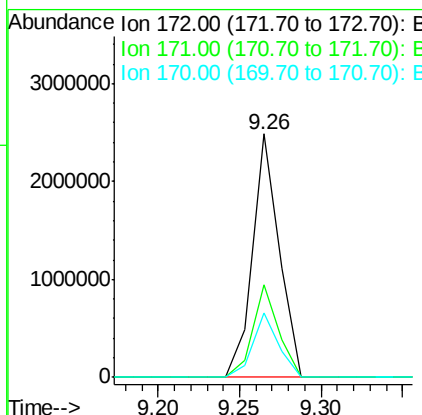
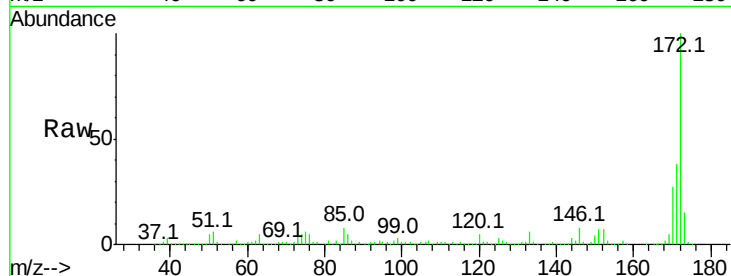


#44
 2-Fluorobiphenyl
 Concen: 97.33 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084218.D
 Acq: 1 Jan 2016 2:02

Instrument :
 BNA_F
 ClientSampleId :
 EB-S8-2015-5

Tot Ion:172 Resp: 2820964

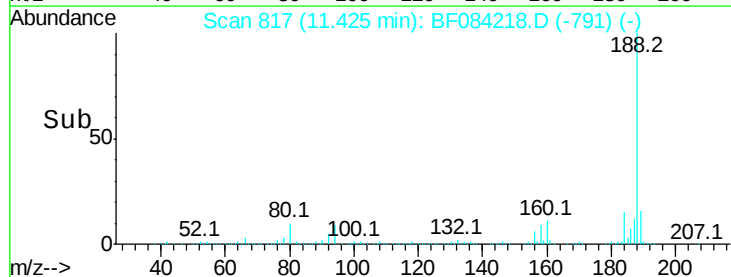
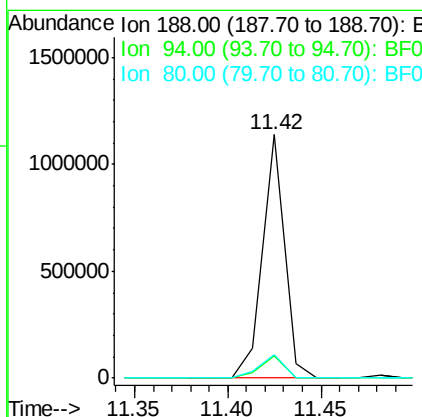
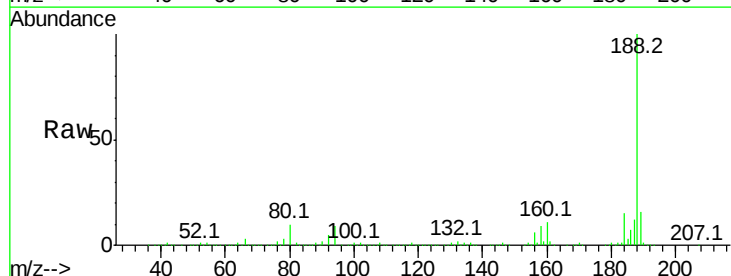
Ion	Ratio	Lower	Upper
172	100		
171	38.2	28.9	43.3
170	26.6	18.6	27.8

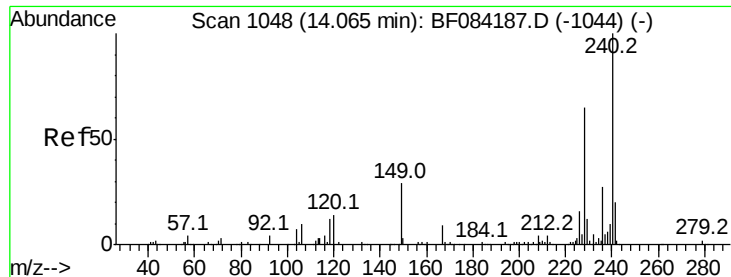


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF084218.D
 Acq: 1 Jan 2016 2:02

Tgt Ion:188 Resp: 926765

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.4
80	9.6	9.6	14.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084218.D

Acq: 1 Jan 2016 2:02

Instrument :

BNA_F

ClientSampleId :

EB-S8-2015-5

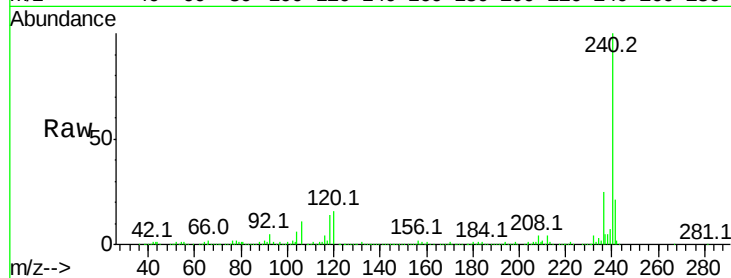
Tot Ion:240 Resp: 545805

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

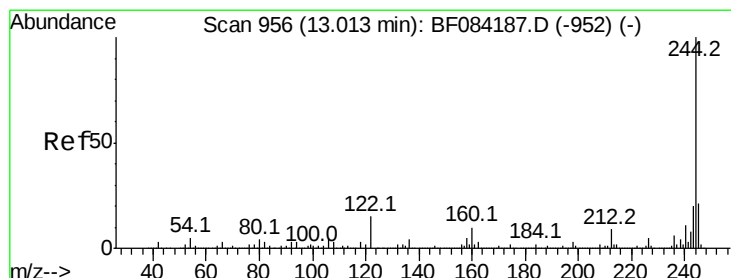
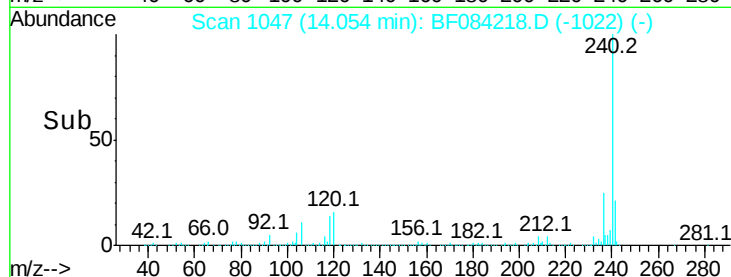
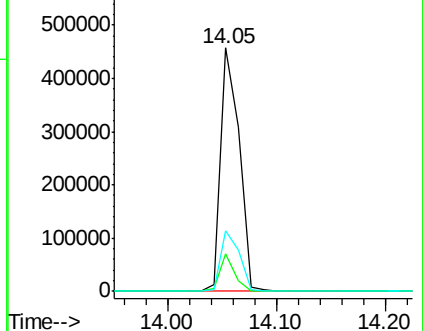
236 25.1 20.6 31.0



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: 89.79 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084218.D

Acq: 1 Jan 2016 2:02

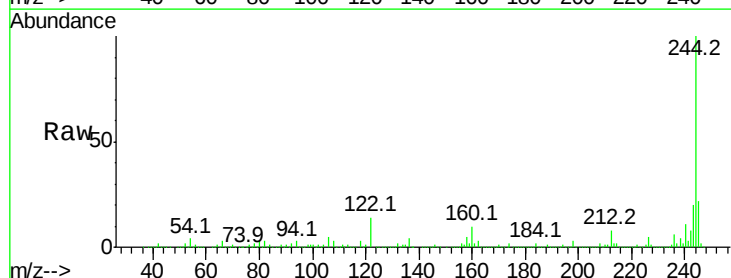
Tgt Ion:244 Resp: 2195441

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

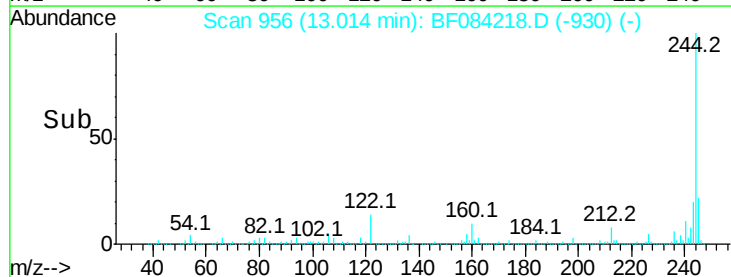
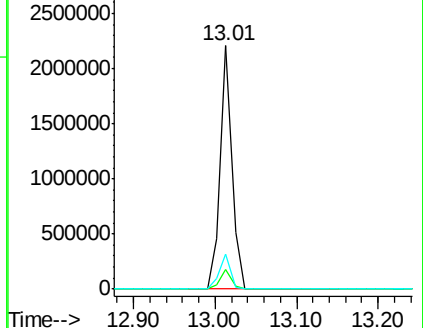
122 14.5 7.4 11.0#

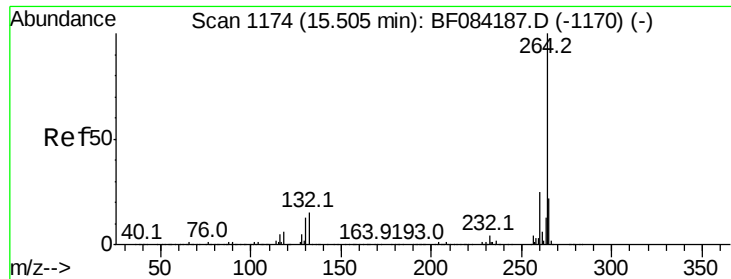


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084218.D
Acq: 1 Jan 2016 2:02

Instrument :
BNA_F
ClientSampleId :
EB-S8-2015-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.3	17.8	26.6

