

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084757.D
 Acq On : 2 Feb 2016 20:32
 Operator : SJ/IZ
 Sample : H1314-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001

Quant Time: Feb 03 02:39:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

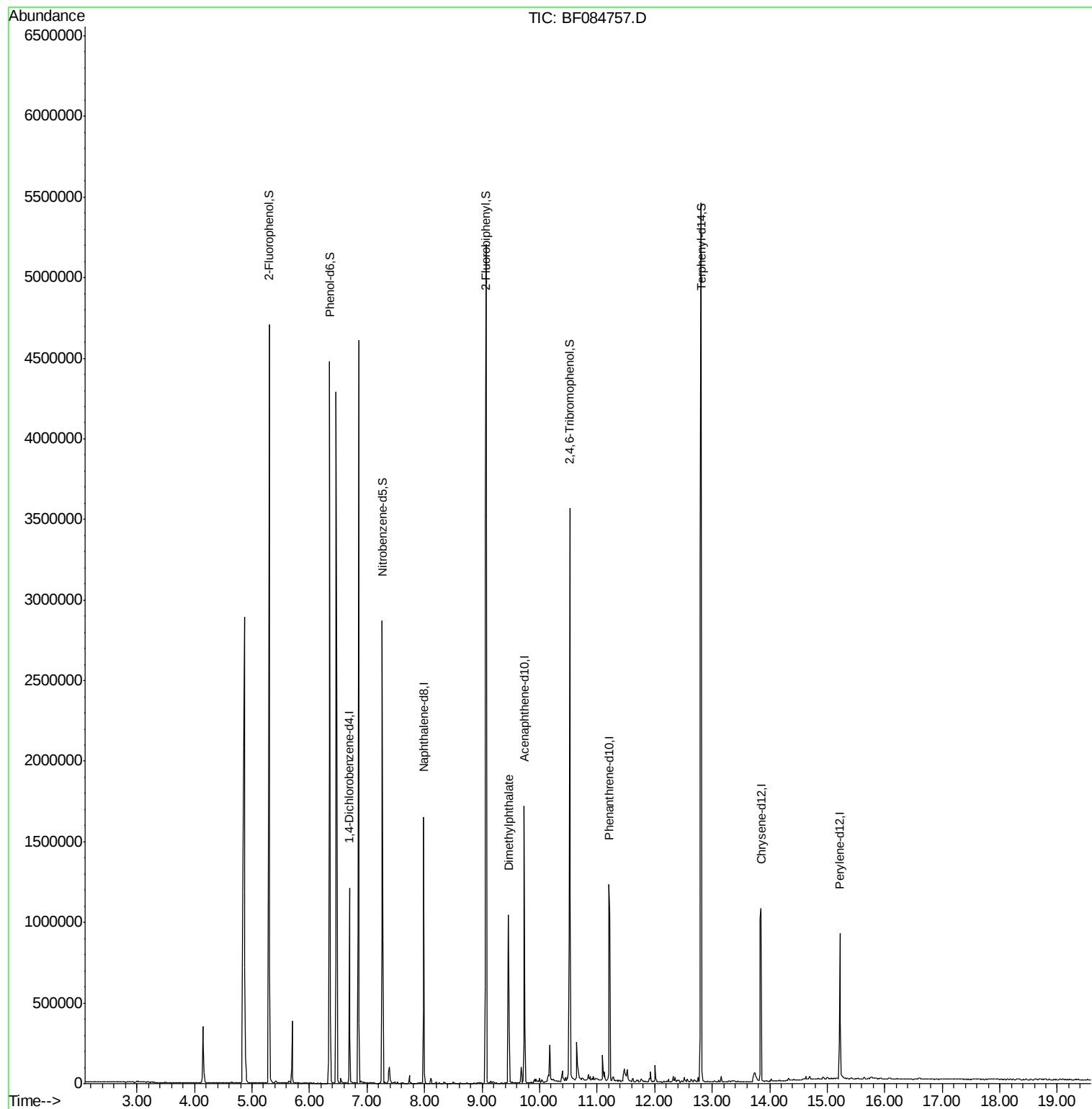
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	168399	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	738055	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	330818	20.00	ng	-0.03
63) Phenanthrene-d10	11.21	188	637335	20.00	ng	-0.03
75) Chrysene-d12	13.85	240	559340	20.00	ng	-0.02
86) Perylene-d12	15.22	264	391953	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1378275	127.48	ng	-0.01
7) Phenol-d6	6.35	99	1661490	123.96	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1073590	81.94	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	492805	142.81	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2129189	134.15	ng	-0.02
78) Terphenyl-d14	12.81	244	1986653	80.48	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.46	163	435933	17.30	ng	Qvalue # 89

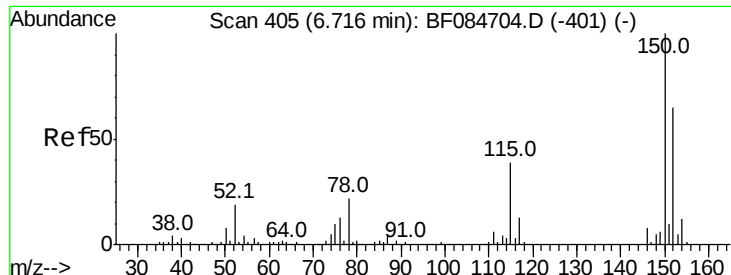
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

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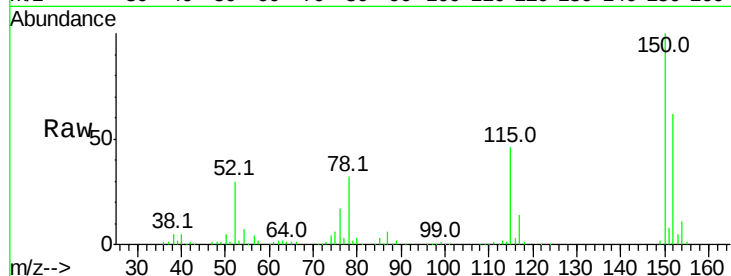
Tot Ion:152 Resp: 168399

Ion Ratio Lower Upper

152 100

150 161.3 123.0 184.4

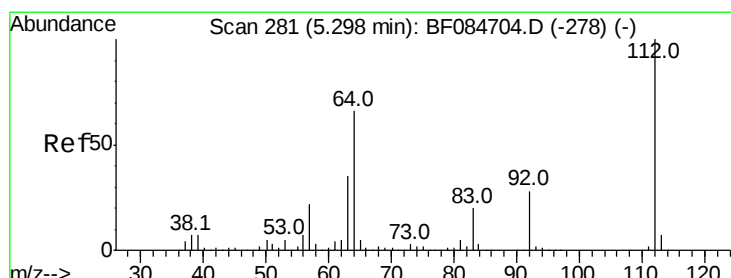
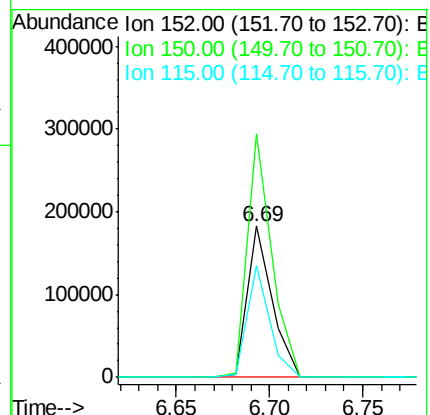
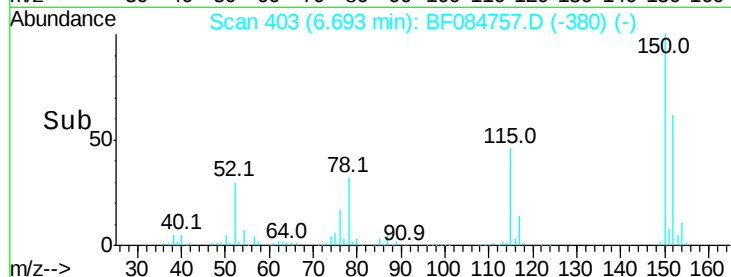
115 73.7 51.4 77.2



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: 127.48 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084757.D

Acq: 2 Feb 2016 20:32

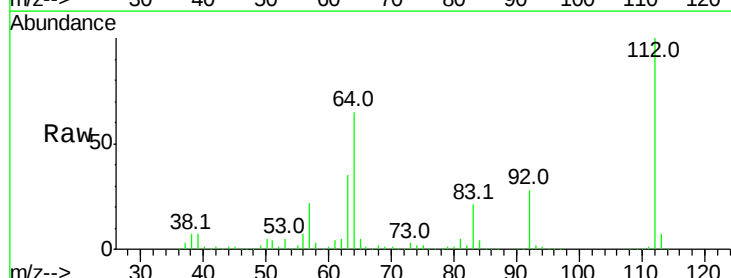
Tgt Ion:112 Resp: 1378275

Ion Ratio Lower Upper

112 100

64 65.1 36.6 55.0#

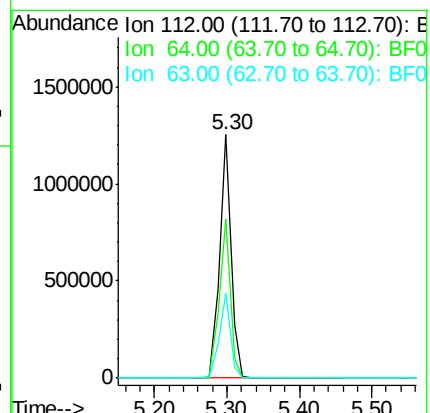
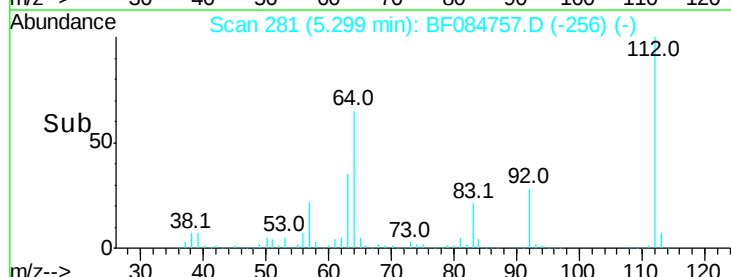
63 34.9 19.4 29.0#

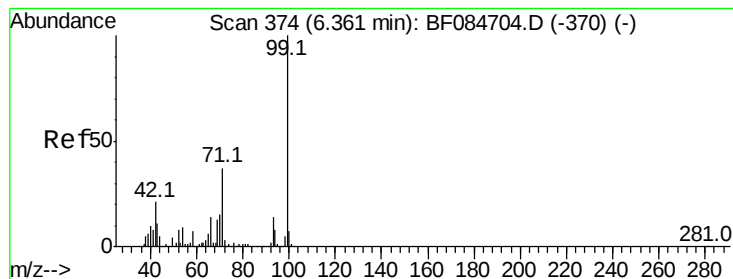


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.96 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084757.D

Acq: 2 Feb 2016 20:32

Instrument :

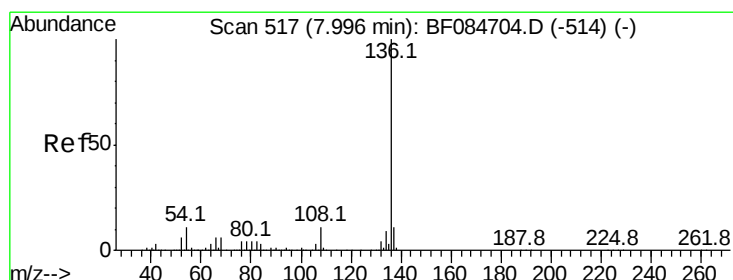
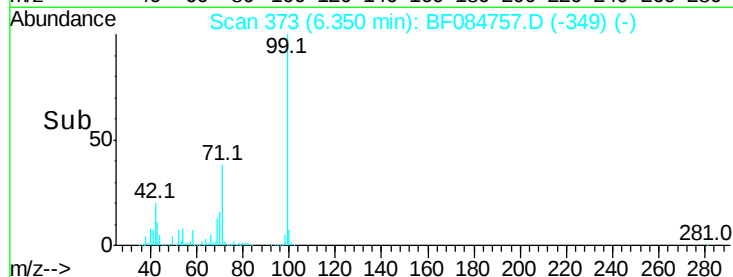
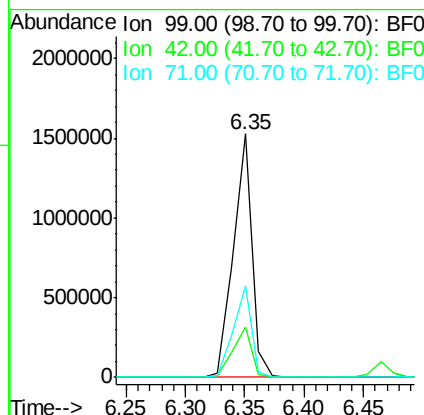
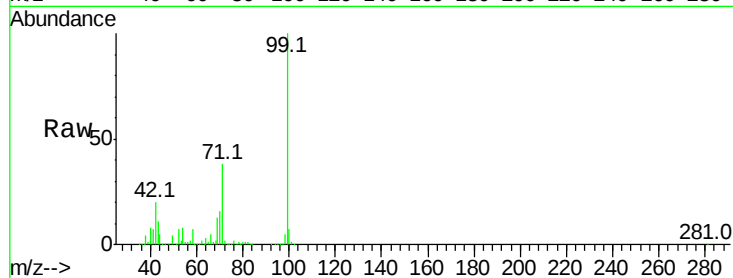
BNA_F

ClientSampleId :

IMPACT-PS-001

Tot Ion: 99 Resp: 1661490

Ion	Ratio	Lower	Upper
99	100		
42	20.4	12.8	19.2#
71	37.8	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

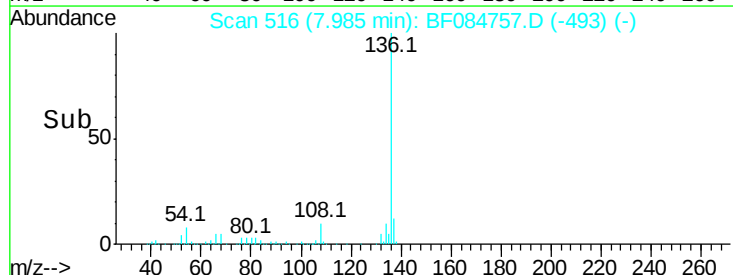
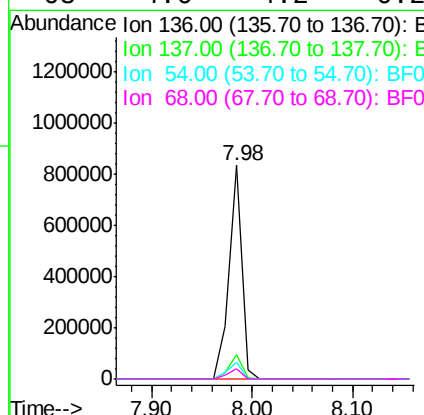
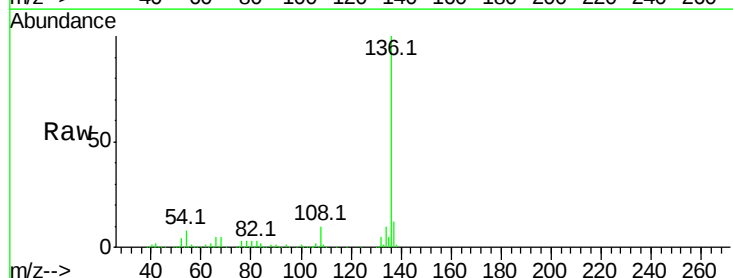
Delta R.T. -0.03 min

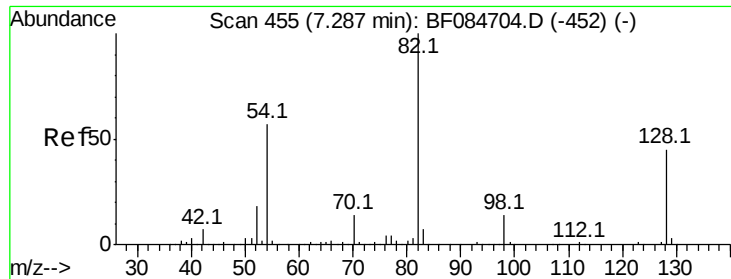
Lab File: BF084757.D

Acq: 2 Feb 2016 20:32

Tgt Ion: 136 Resp: 738055

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	7.8	5.8	8.8
68	4.6	4.2	6.2

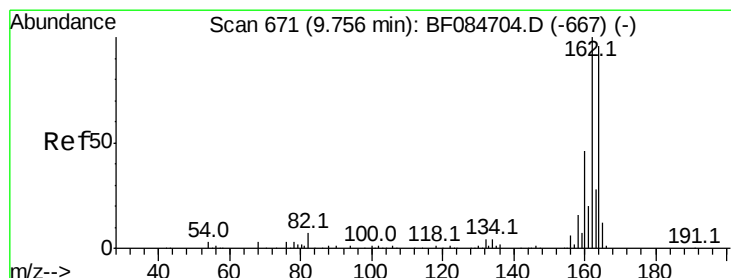
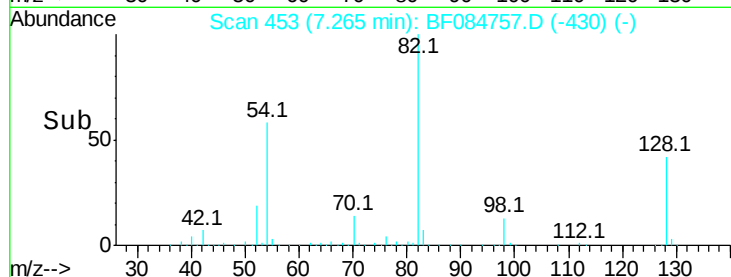
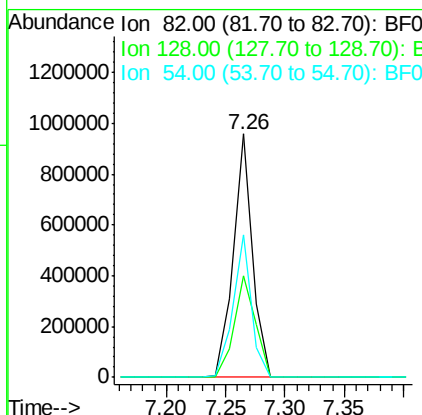
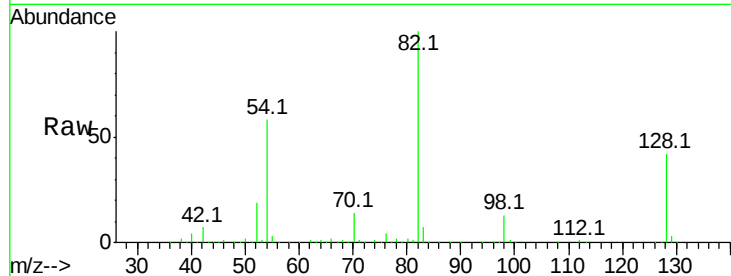




#23
 Nitrobenzene-d5
 Concen: 81.94 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF084757.D
 Acq: 2 Feb 2016 20:32

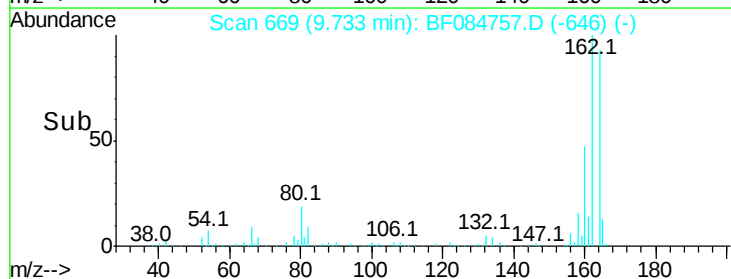
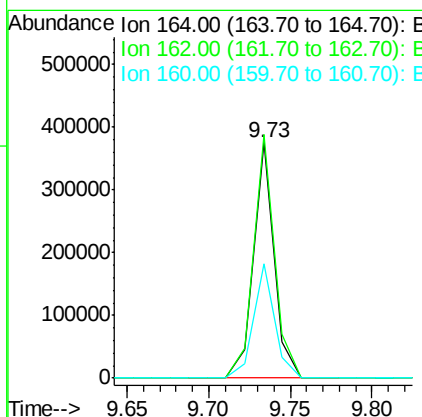
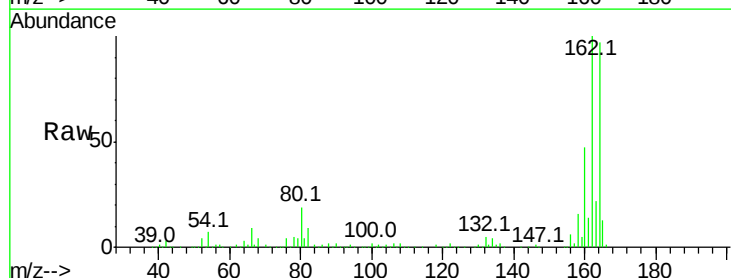
Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001

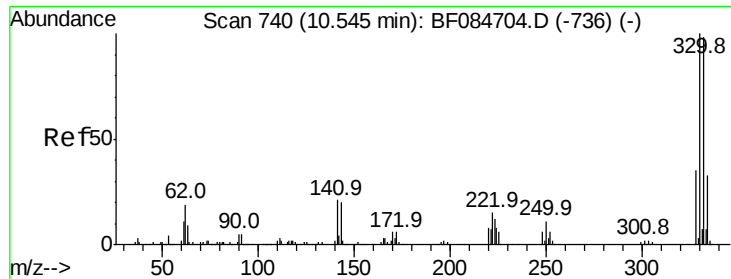
Tot Ion: 82 Resp: 1073590
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 51.8
 54 58.4 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF084757.D
 Acq: 2 Feb 2016 20:32

Tgt Ion:164 Resp: 330818
 Ion Ratio Lower Upper
 164 100
 162 103.3 85.1 127.7
 160 48.3 37.5 56.3

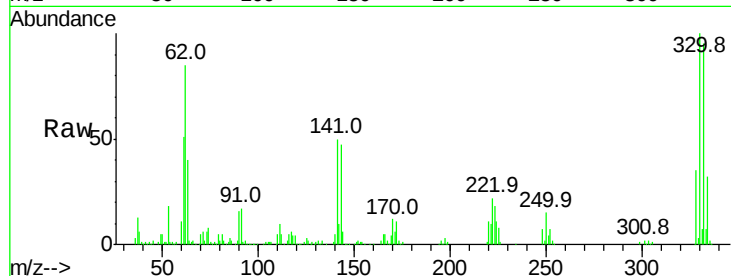




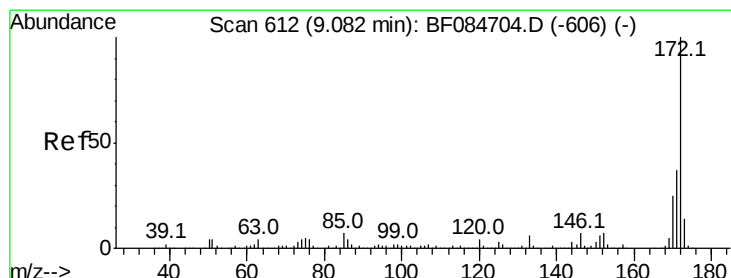
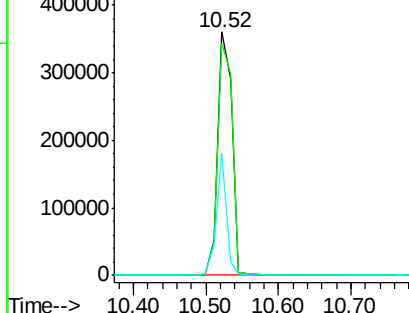
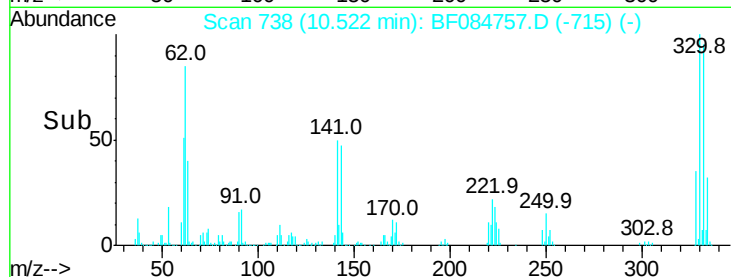
#41
 2,4,6-Tribromophenol
 Concen: 142.81 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF084757.D
 Acq: 2 Feb 2016 20:32

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	114.8
141	34.8	27.8	41.6

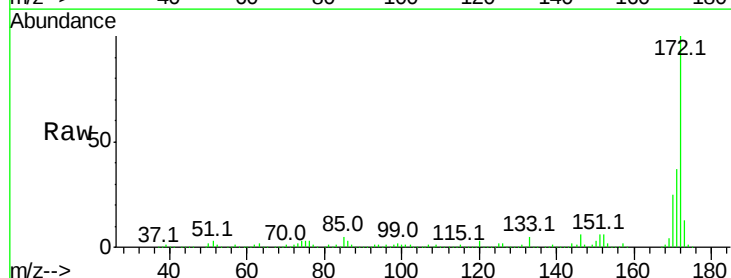


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

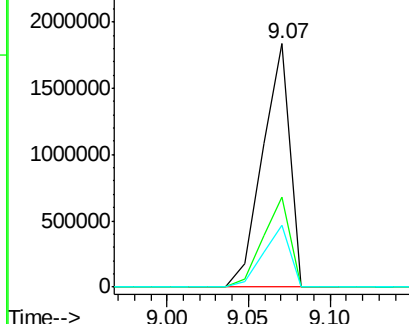
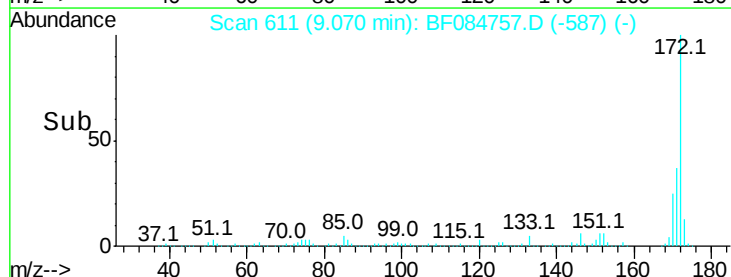


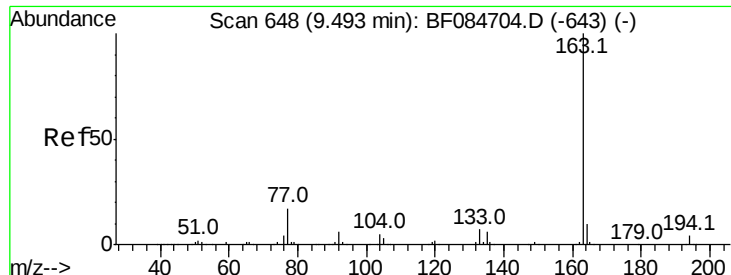
#44
 2-Fluorobiphenyl
 Concen: 134.15 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084757.D
 Acq: 2 Feb 2016 20:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	25.4	18.6	27.8



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: 17.30 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.05 min

Lab File: BF084757.D

Acq: 2 Feb 2016 20:32

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001

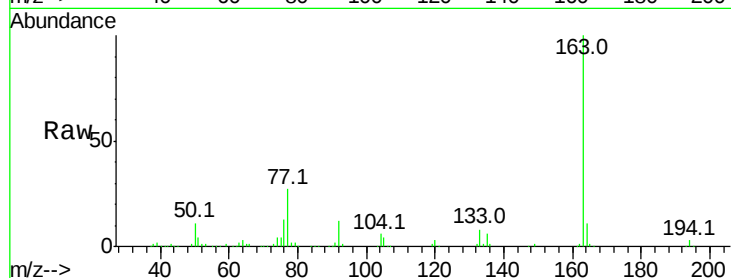
Tot Ion:163 Resp: 435933

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

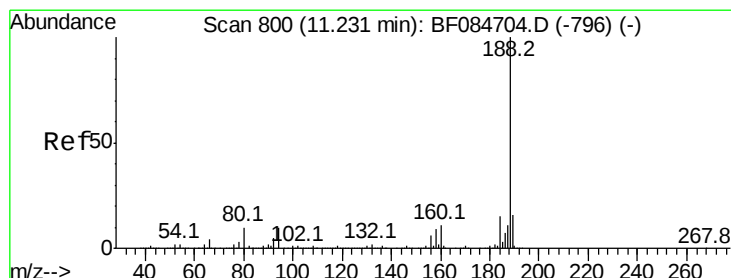
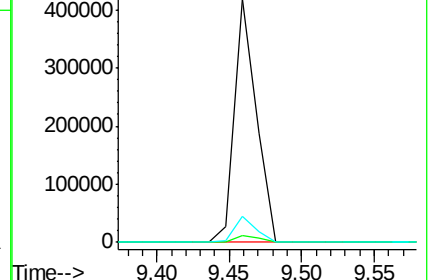
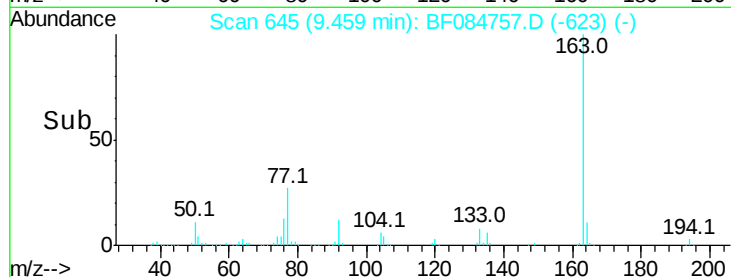
164 10.6 8.0 12.0



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: 11.21 min Scan# 798

Delta R.T. -0.03 min

Lab File: BF084757.D

Acq: 2 Feb 2016 20:32

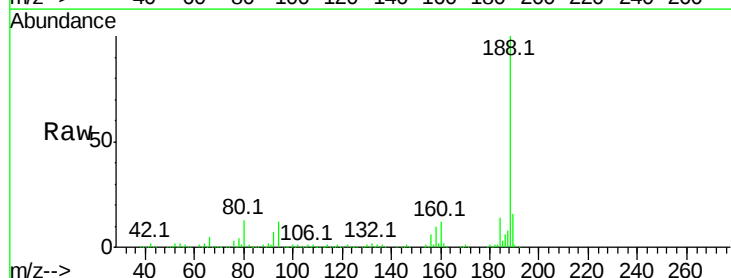
Tgt Ion:188 Resp: 637335

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.4

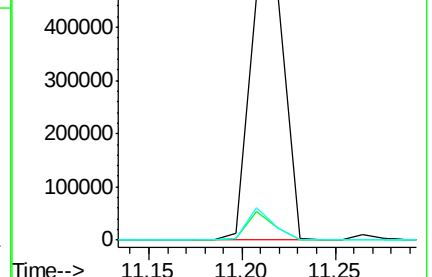
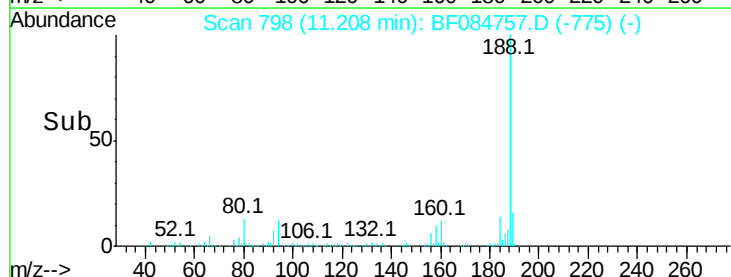
80 13.3 9.6 14.4

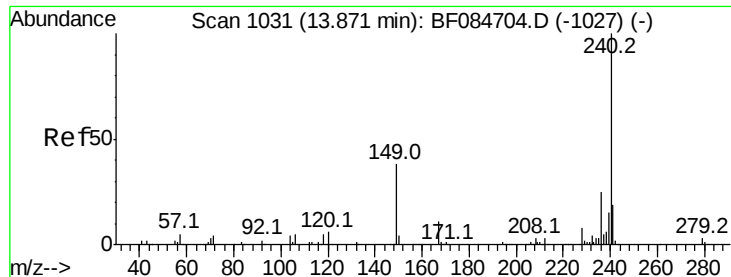


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084757.D

Acq: 2 Feb 2016 20:32

Instrument :

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IMPACT-PS-001

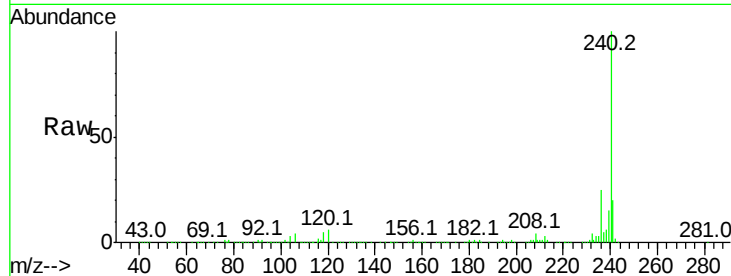
Tot Ion:240 Resp: 559340

Ion Ratio Lower Upper

240 100

120 6.2 9.5 14.3#

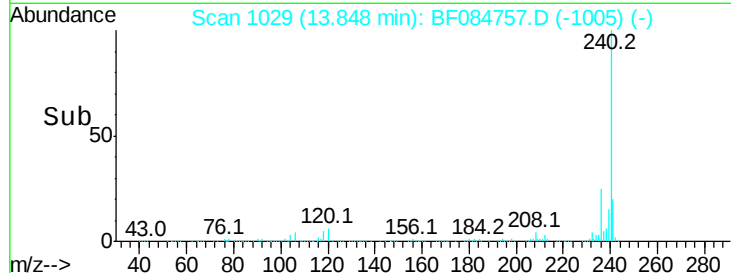
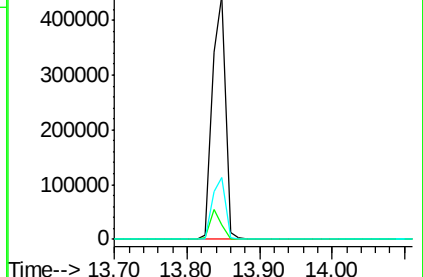
236 25.2 20.6 31.0



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: 80.48 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084757.D

Acq: 2 Feb 2016 20:32

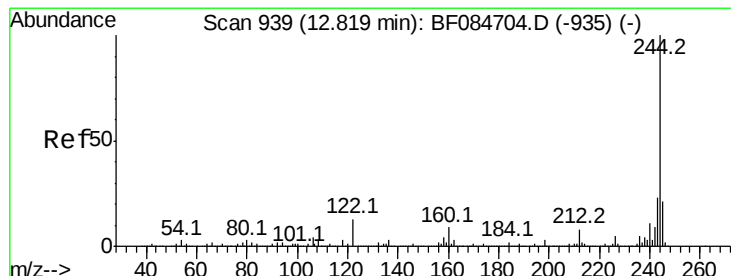
Tgt Ion:244 Resp: 1986653

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

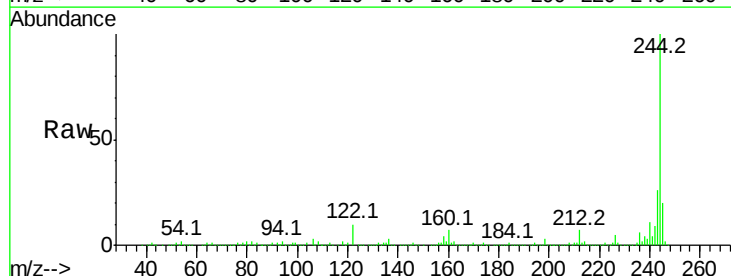
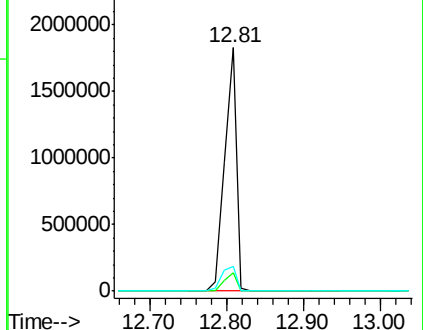
122 9.9 7.4 11.0

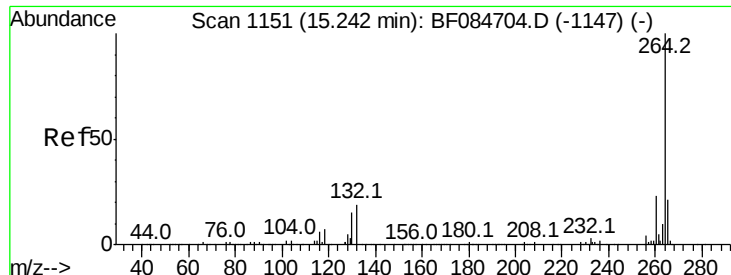


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

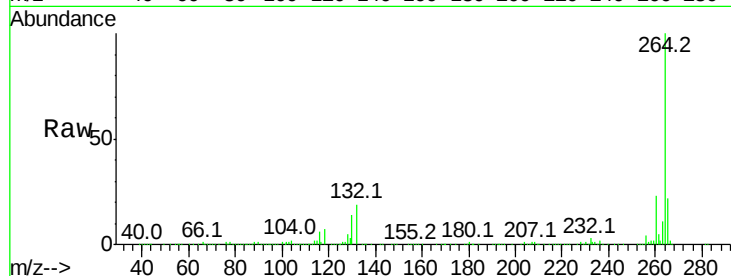




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF084757.D
Acq: 2 Feb 2016 20:32

Instrument :
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Tot Ion:264 Resp: 391953
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 22.4 17.8 26.6



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

