

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084461.D
 Acq On : 14 Jan 2016 00:23
 Operator : SJ/UM
 Sample : H1083-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-17-010516

Quant Time: Jan 14 15:35:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

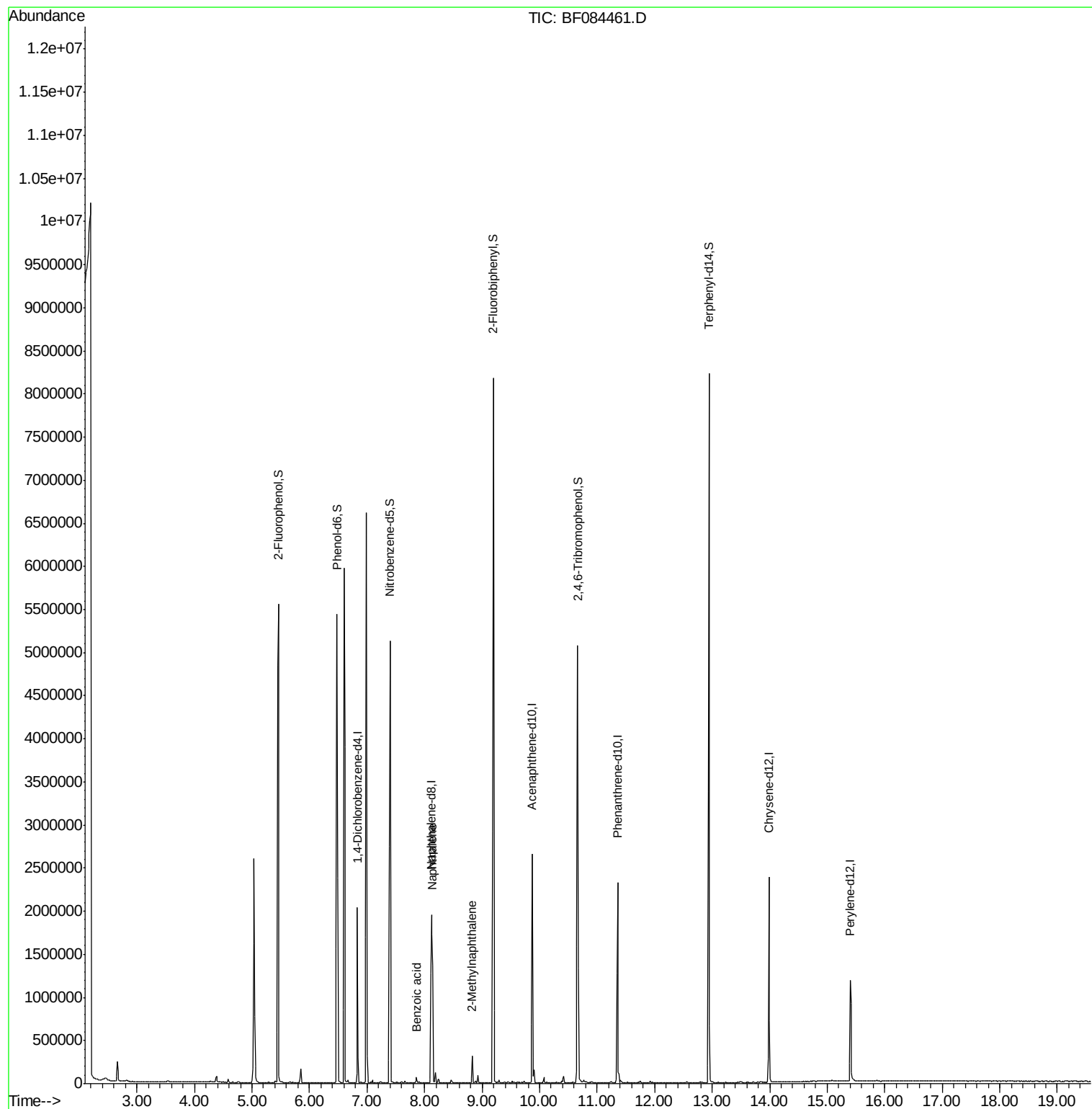
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	268403	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1105709	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	524920	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	992914	20.00	ng	0.00
75) Chrysene-d12	13.99	240	851722	20.00	ng	-0.01
86) Perylene-d12	15.40	264	620449	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2154376	129.83	ng	0.02
7) Phenol-d6	6.48	99	2351595	112.84	ng	0.00
23) Nitrobenzene-d5	7.40	82	1878830	94.57	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	709199	133.82	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2605798	87.52	ng	0.00
78) Terphenyl-d14	12.95	244	2650452	69.46	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	1067391	21.28	ng	99
32) Benzoic acid	7.86	122	2387	6.42	ng	83
37) 2-Methylnaphthalene	8.83	142	81290	2.26	ng	96

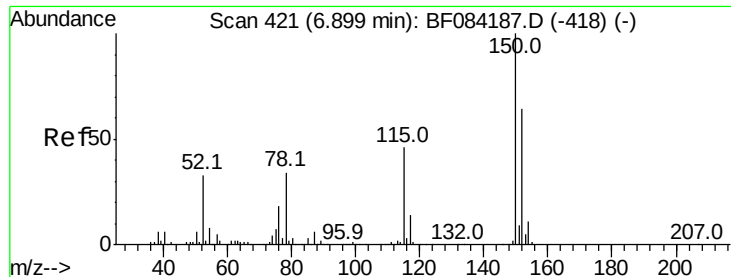
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 14 15:35:44 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF084461.D

Acq: 14 Jan 2016 00:23

Instrument :

BNA_F

ClientSampleId :

HSR-WC-17-010516

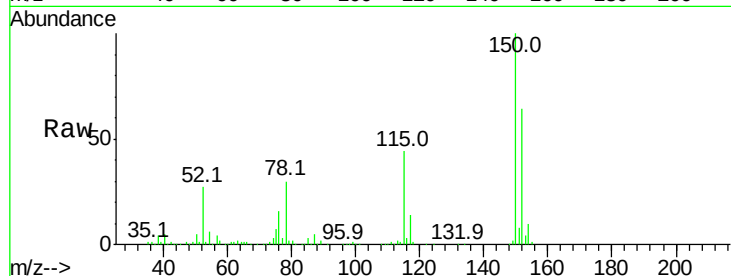
Tot Ion:152 Resp: 268403

Ion Ratio Lower Upper

152 100

150 155.8 123.0 184.4

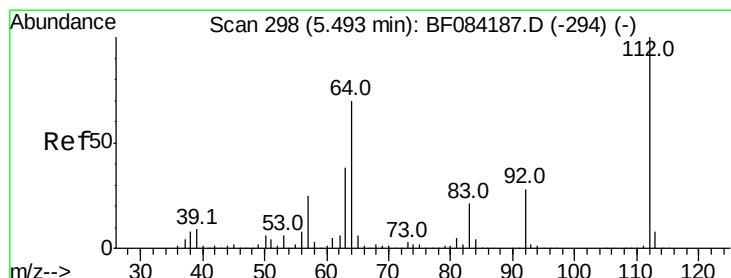
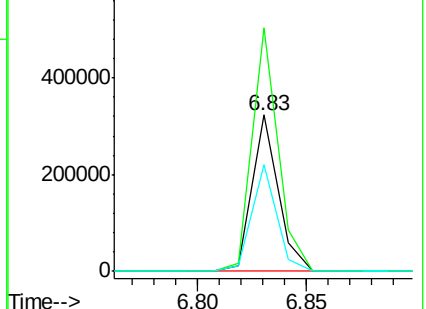
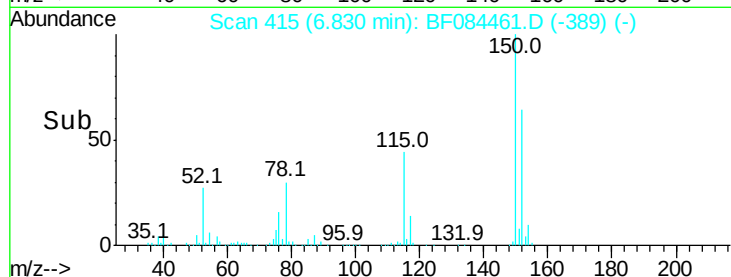
115 68.4 51.4 77.2



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: 129.83 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF084461.D

Acq: 14 Jan 2016 00:23

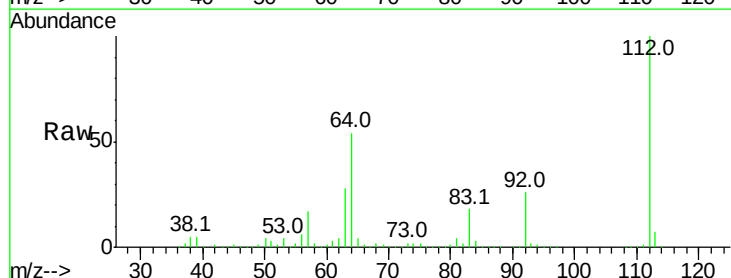
Tgt Ion:112 Resp: 2154376

Ion Ratio Lower Upper

112 100

64 54.1 36.6 55.0

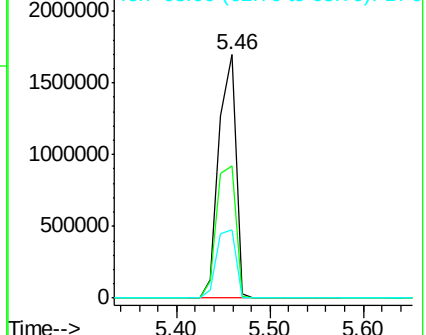
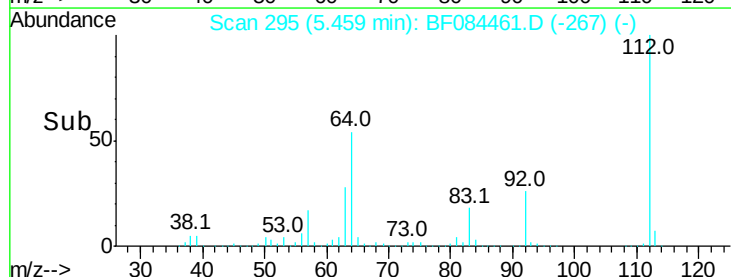
63 28.1 19.4 29.0

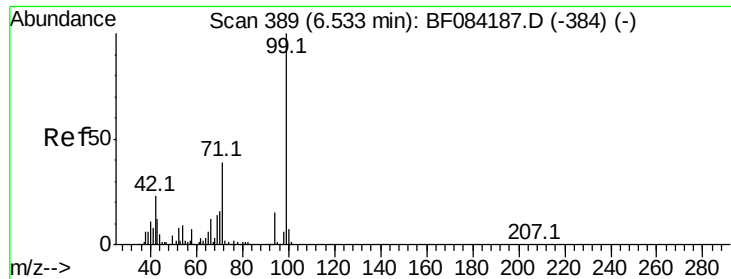


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.84 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084461.D

Acq: 14 Jan 2016 00:23

Instrument :

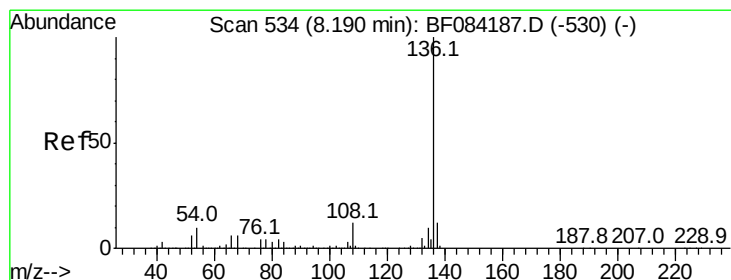
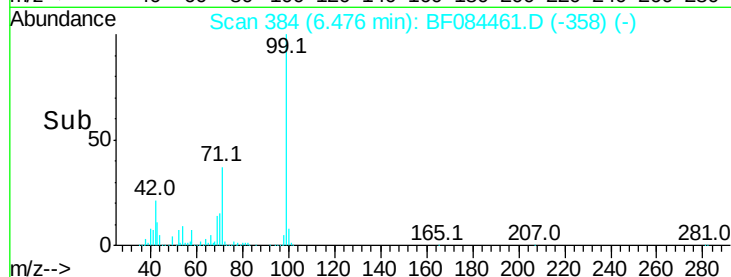
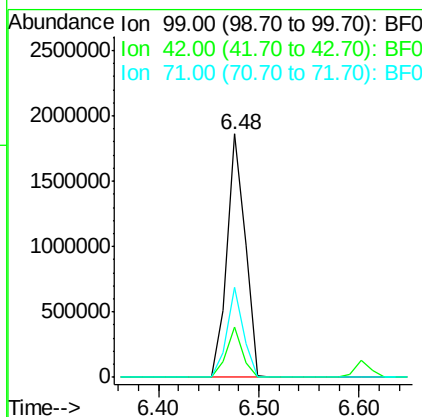
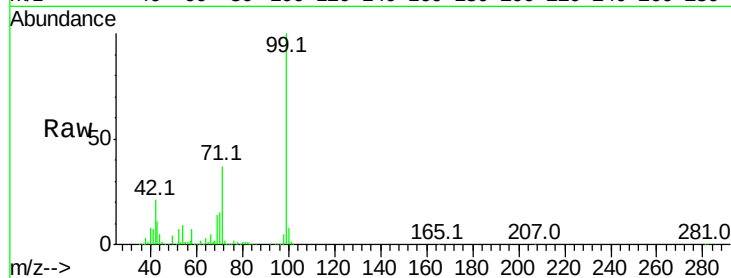
BNA_F

ClientSampleId :

HSR-WC-17-010516

Tot Ion: 99 Resp: 2351595

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	36.8	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

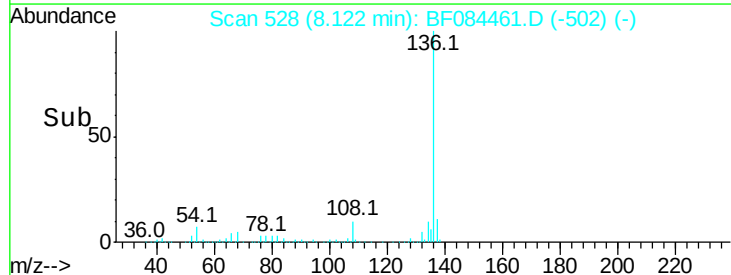
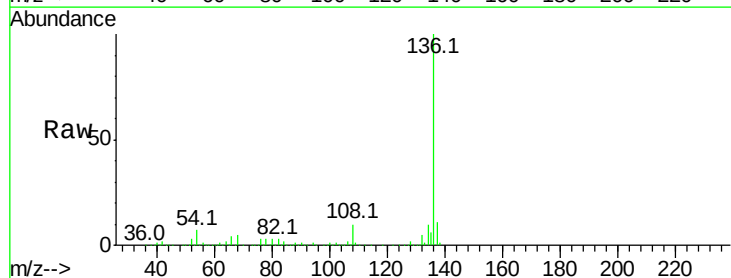
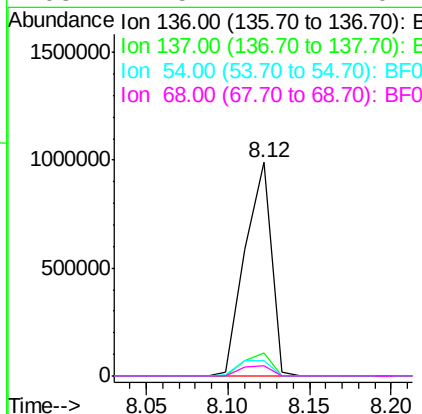
Delta R.T. 0.00 min

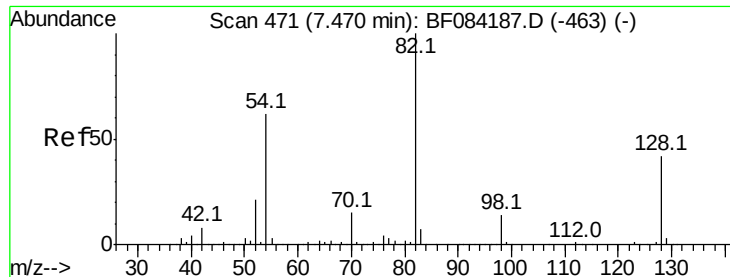
Lab File: BF084461.D

Acq: 14 Jan 2016 00:23

Tgt Ion: 136 Resp: 1105709

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.0	5.8	8.8
68	4.5	4.2	6.2



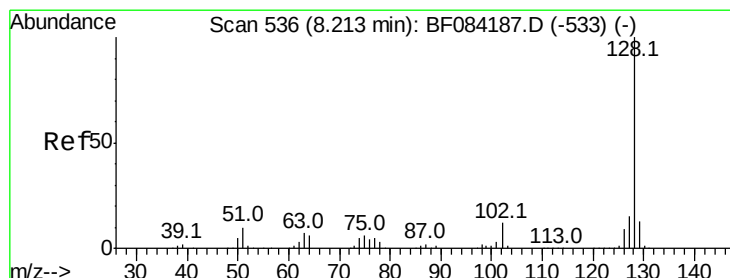
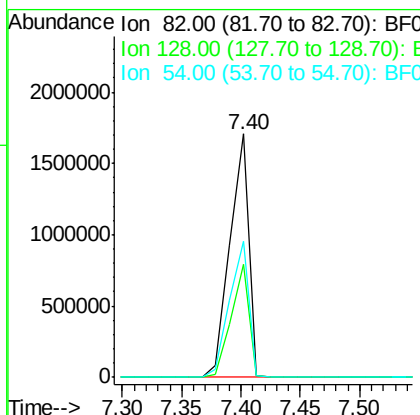
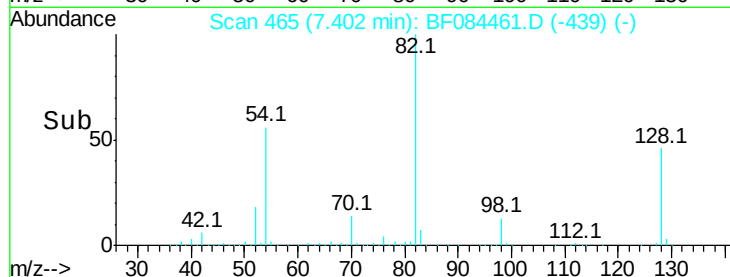
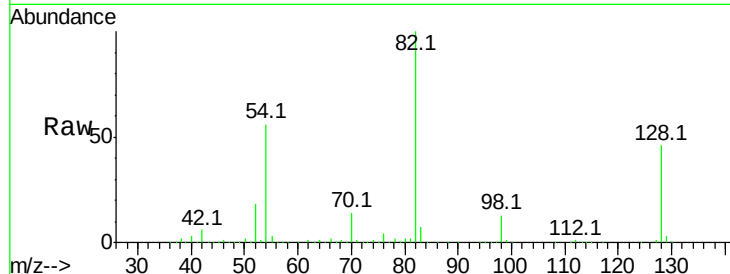


#23
 Nitrobenzene-d5
 Concen: 94.57 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF084461.D
 Acq: 14 Jan 2016 00:23

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-17-010516

Tot Ion: 82 Resp: 1878830

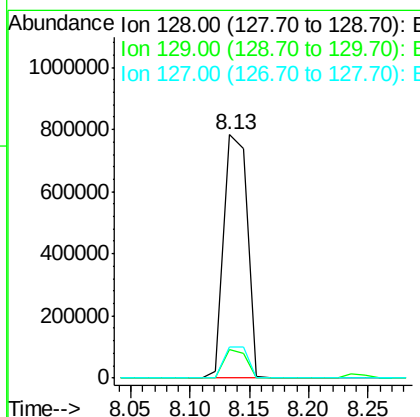
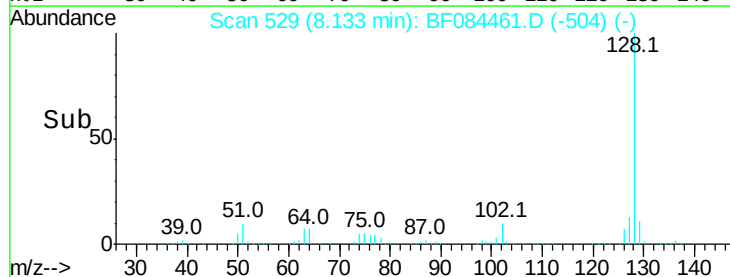
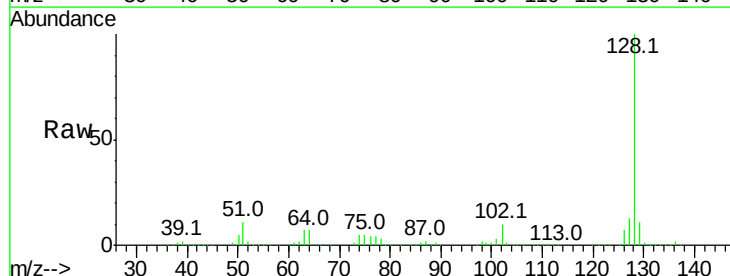
Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.6	51.8
54	55.7	38.4	57.6

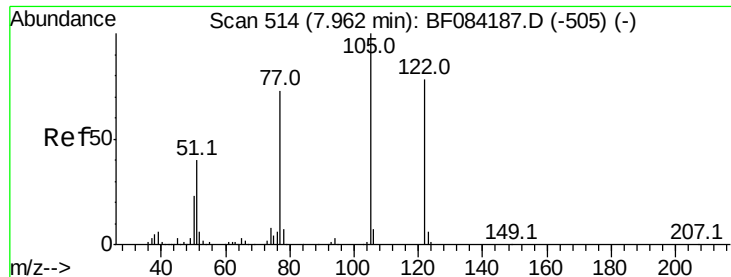


#31
 Naphthalene
 Concen: 21.28 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: BF084461.D
 Acq: 14 Jan 2016 00:23

Tgt Ion: 128 Resp: 1067391

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.0	11.1	16.7

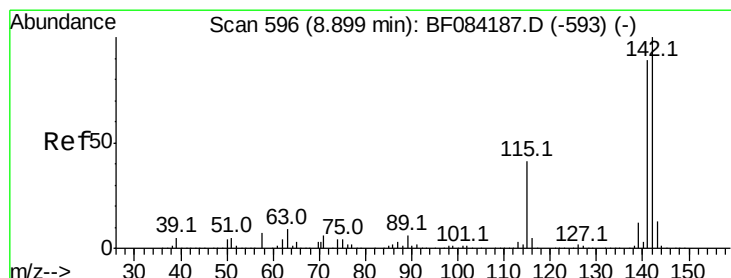
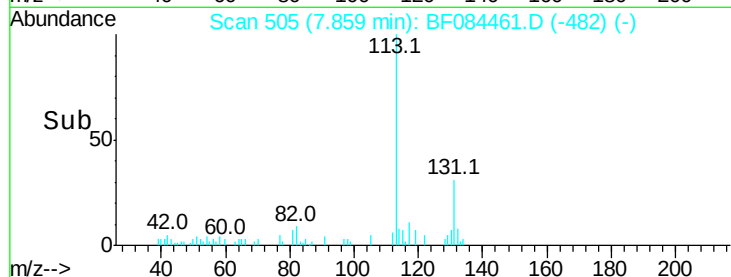
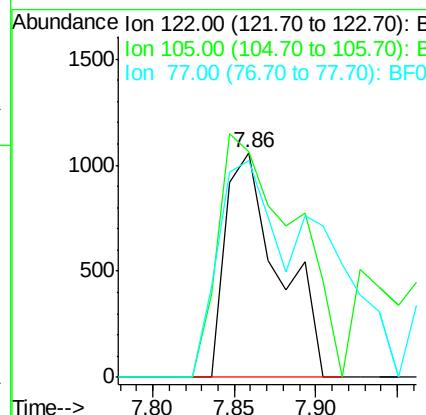
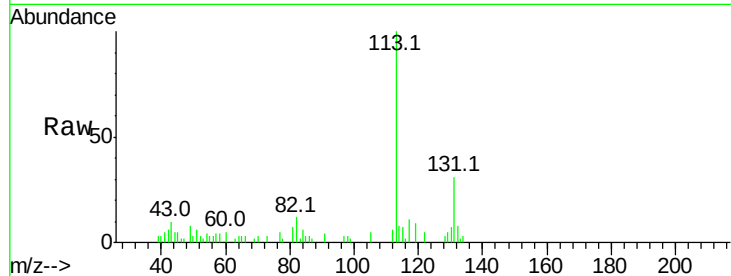




#32
Benzoic acid
Concen: 6.42 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.03 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

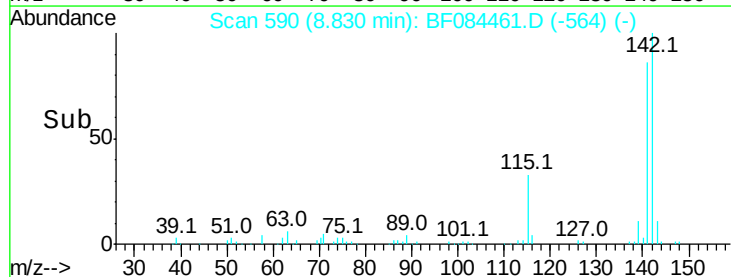
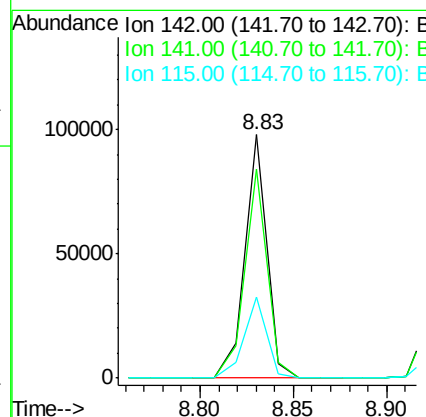
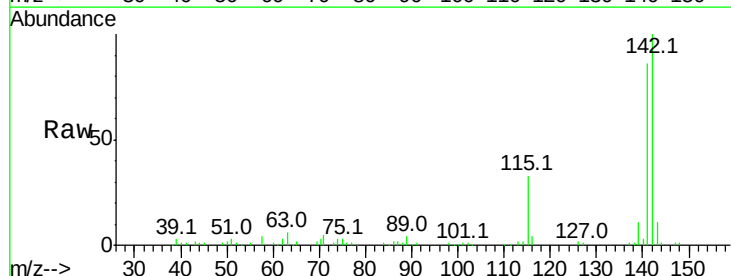
Instrument :
BNA_F
ClientSampleId :
HSR-WC-17-010516

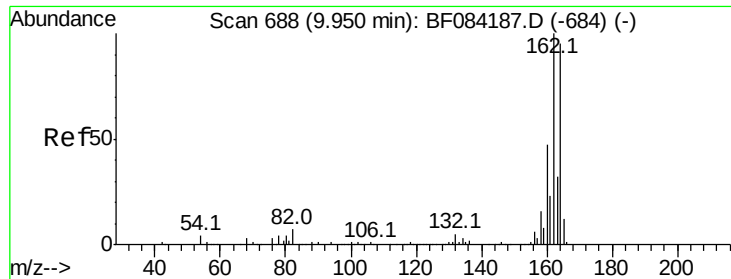
Tot Ion	Ratio	Lower	Upper
122	100		
105	100.4	100.3	140.3
77	96.6	63.5	103.5



#37
2-Methylnaphthalene
Concen: 2.26 ng
RT: 8.83 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.1	72.4	108.6
115	33.4	27.9	41.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF084461.D

Acq: 14 Jan 2016 00:23

Instrument :

BNA_F

ClientSampleId :

HSR-WC-17-010516

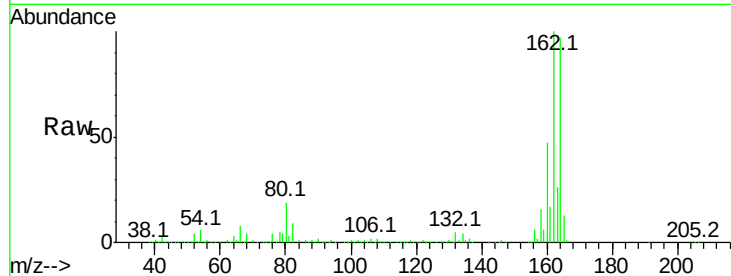
Tot Ion:164 Resp: 524920

Ion Ratio Lower Upper

164 100

162 102.9 85.1 127.7

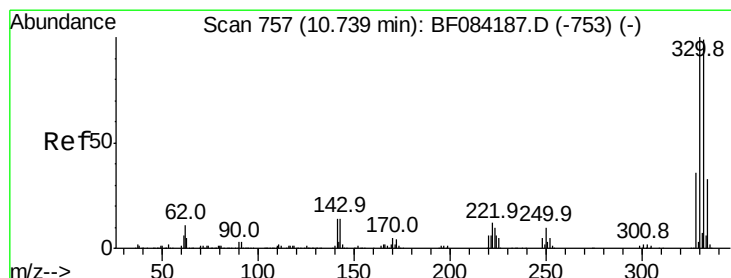
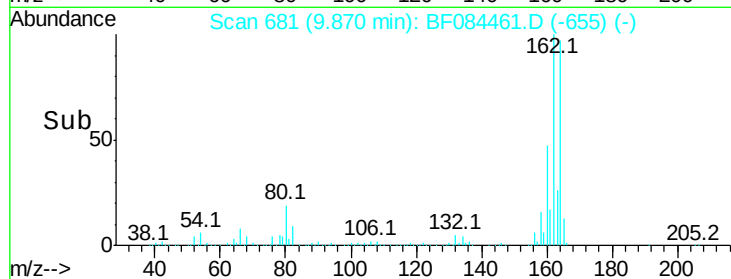
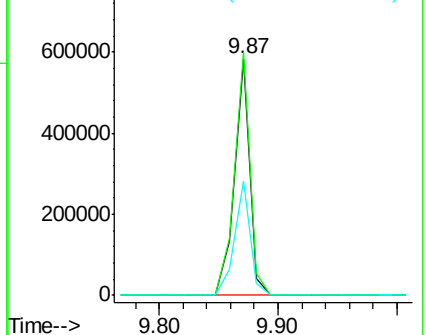
160 48.3 37.5 56.3



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: 133.82 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF084461.D

Acq: 14 Jan 2016 00:23

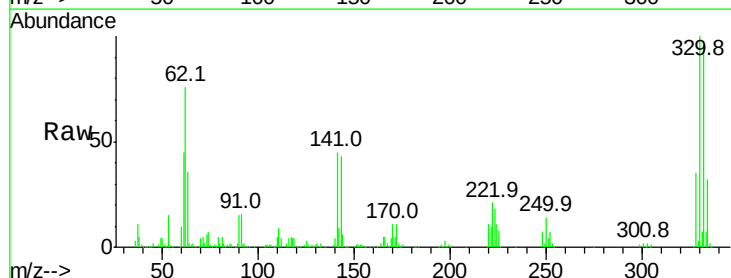
Tgt Ion:330 Resp: 709199

Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

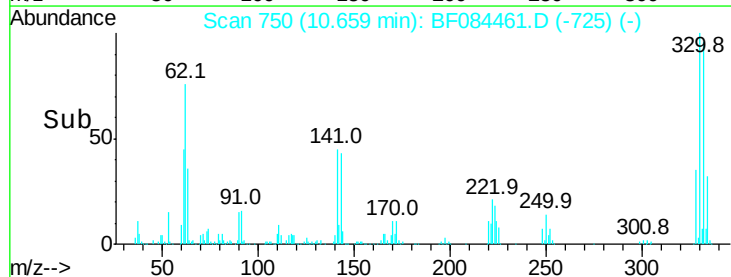
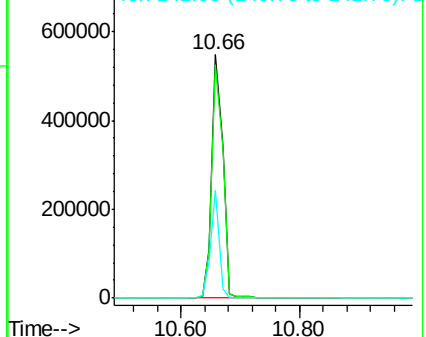
141 35.1 27.8 41.6

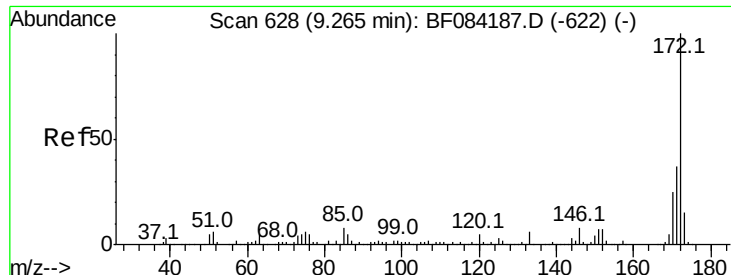


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

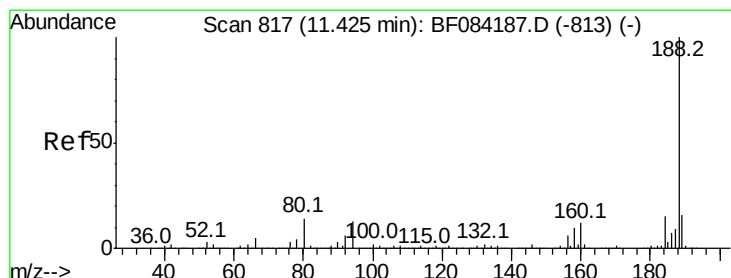
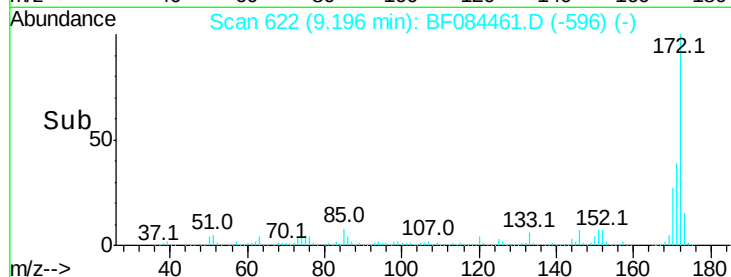
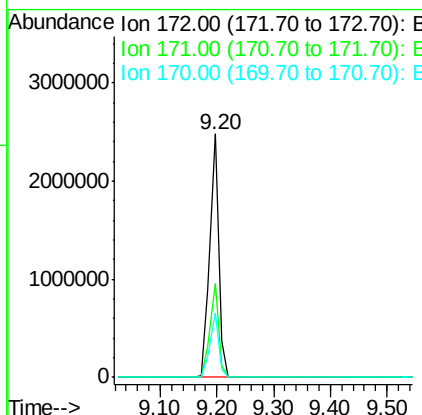
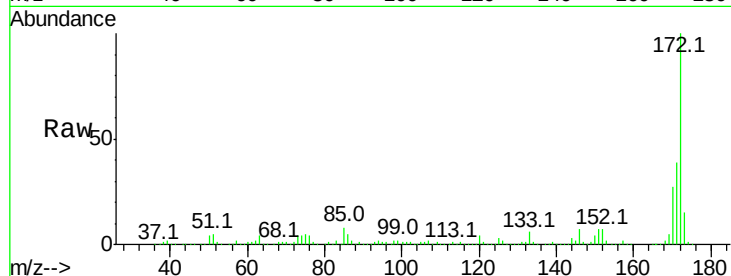




#44
 2-Fluorobiphenyl
 Concen: 87.52 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084461.D
 Acq: 14 Jan 2016 00:23

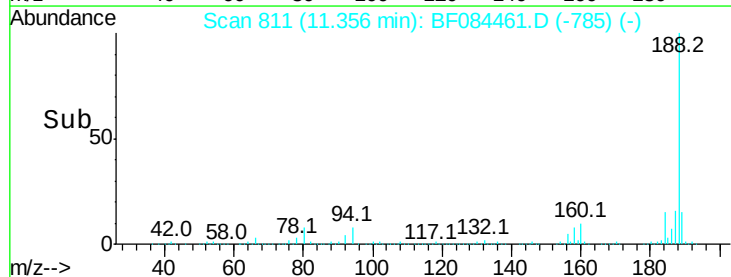
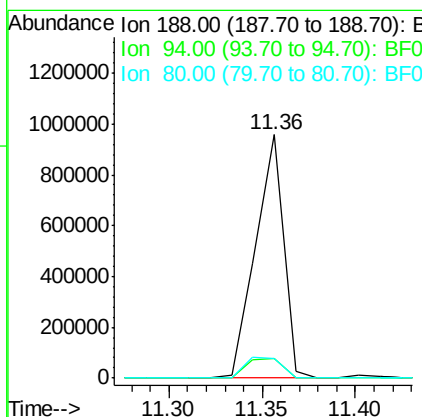
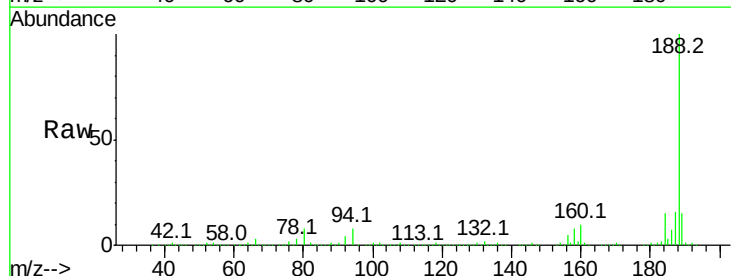
Instrument :
 BNA_F
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 HSR-WC-17-010516

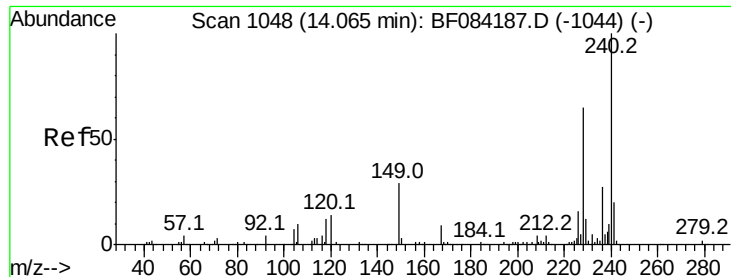
Tot Ion:172 Resp: 2605798
 Ion Ratio Lower Upper
 172 100
 171 38.7 28.9 43.3
 170 26.5 18.6 27.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF084461.D
 Acq: 14 Jan 2016 00:23

Tgt Ion:188 Resp: 992914
 Ion Ratio Lower Upper
 188 100
 94 7.9 9.0 13.4#
 80 8.0 9.6 14.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084461.D

Acq: 14 Jan 2016 00:23

Instrument :

BNA_F

ClientSampleId :

HSR-WC-17-010516

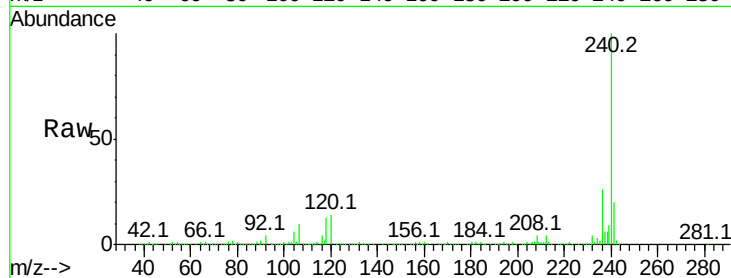
Tot Ion:240 Resp: 851722

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

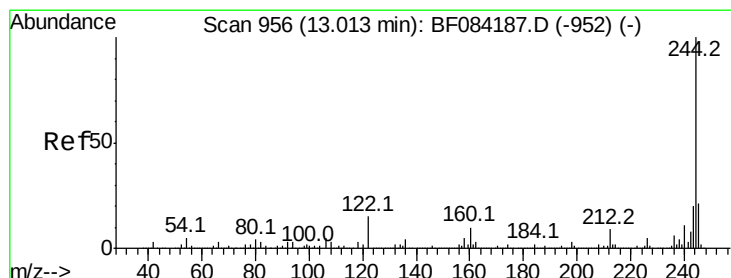
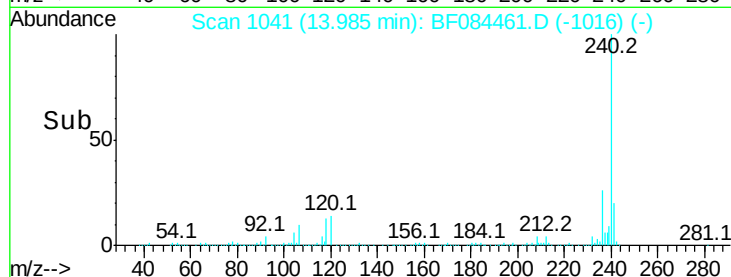
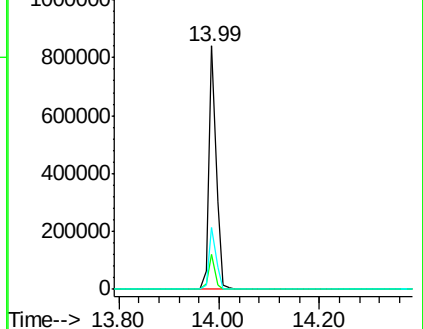
236 25.6 20.6 31.0



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: 69.46 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF084461.D

Acq: 14 Jan 2016 00:23

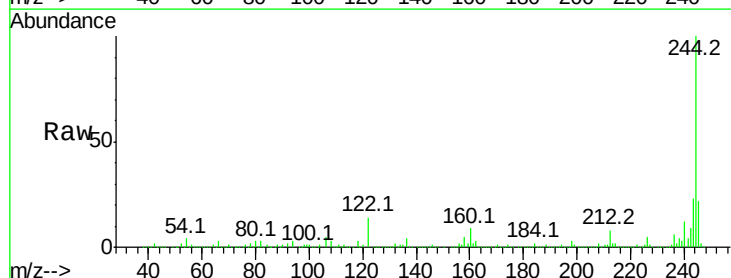
Tgt Ion:244 Resp: 2650452

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

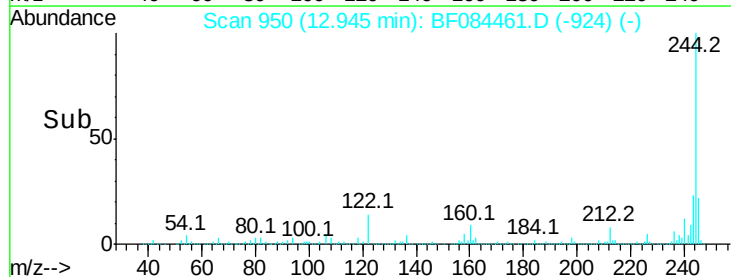
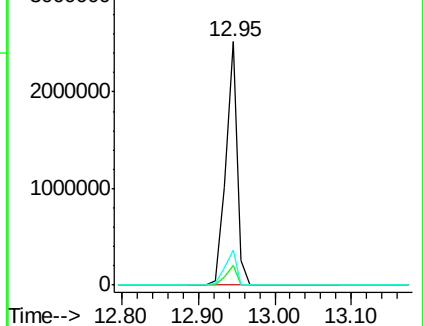
122 14.1 7.4 11.0#

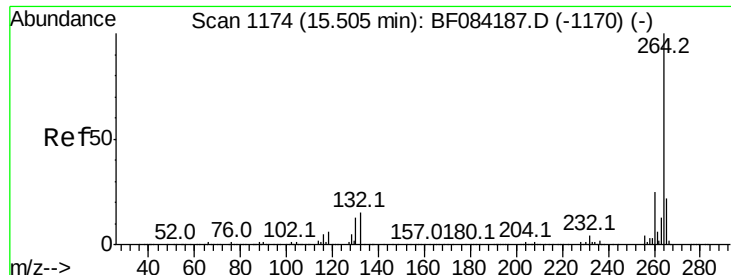


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



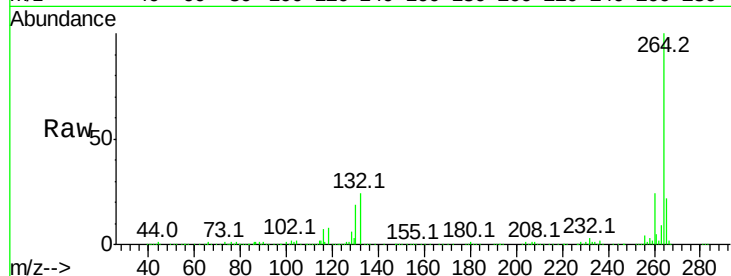


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF084461.D
Acq: 14 Jan 2016 00:23

Instrument :
BNA_F
ClientSampleId :
HSR-WC-17-010516

Tot Ion: 264 Resp: 620449

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.0	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

