

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084775.D
 Acq On : 3 Feb 2016 6:12
 Operator : SJ/IZ
 Sample : H1313-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-20-012916

Quant Time: Feb 03 07:32:46 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

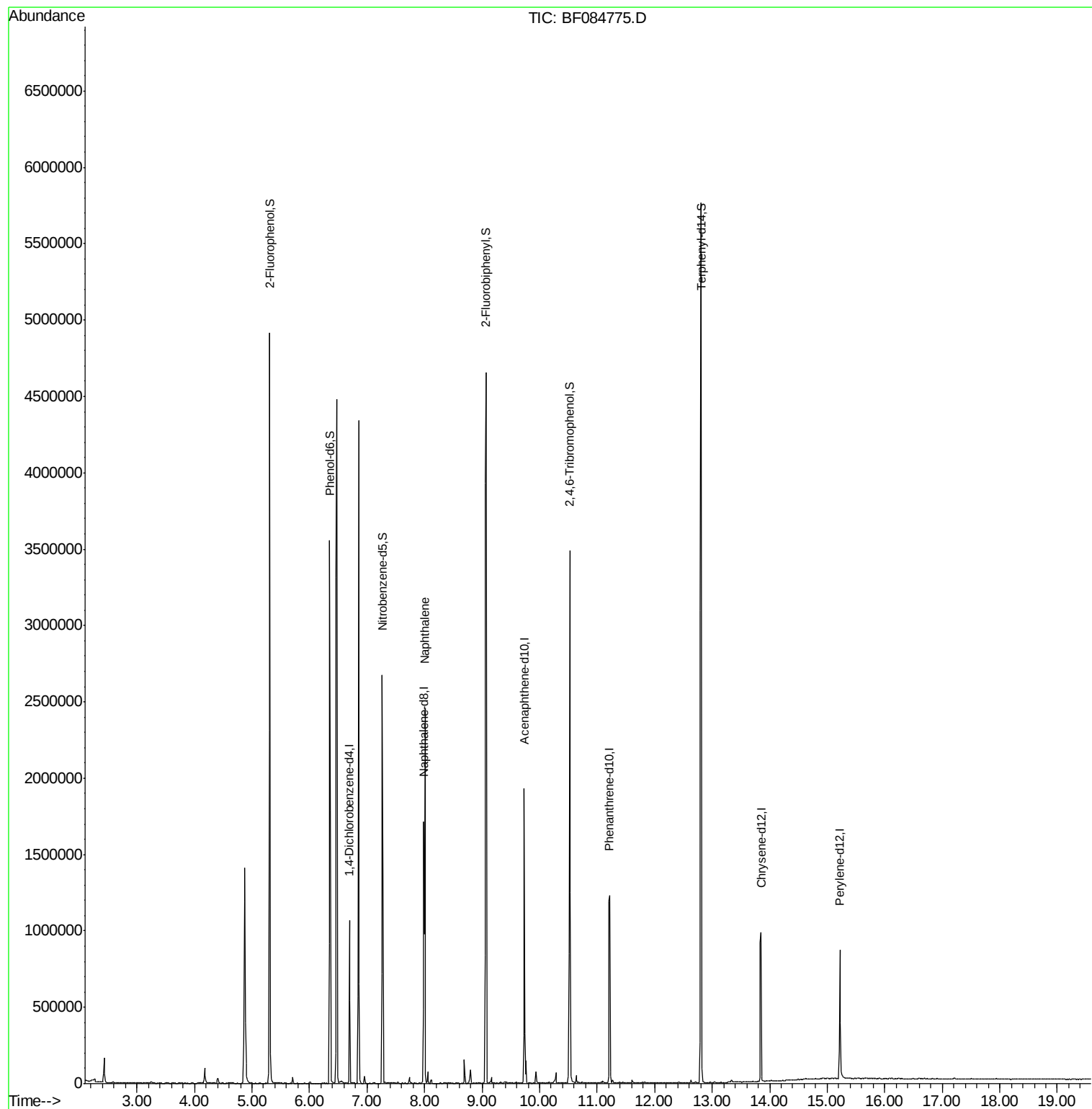
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	181675	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	785518	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	370885	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	680650	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	510956	20.00	ng	-0.02
86) Perylene-d12	15.22	264	385506	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1419270	121.68	ng	0.00
7) Phenol-d6	6.35	99	1576764	109.05	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1112359	79.77	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	513805	132.81	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2188842	110.42	ng	-0.02
78) Terphenyl-d14	12.81	244	2033941	90.20	ng	-0.02
Target Compounds						
31) Naphthalene	8.01	128	1140533	28.95	ng	Qvalue 99

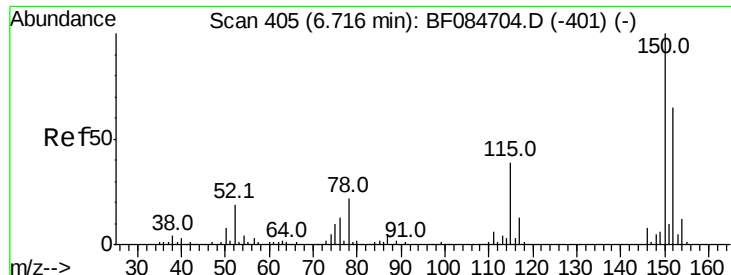
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BF084775.D

Acq: 3 Feb 2016 6:12

Instrument :

BNA_F

ClientSampleId :

HSR-WC-20-012916

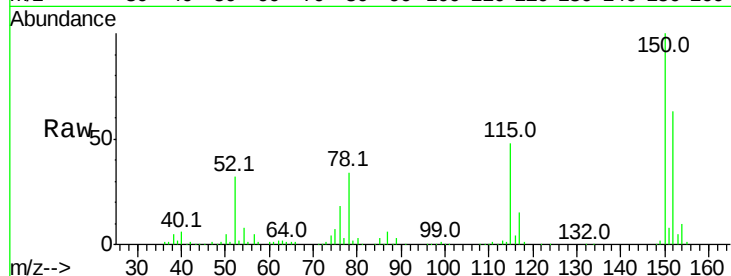
Tot Ion:152 Resp: 181675

Ion Ratio Lower Upper

152 100

150 157.7 123.0 184.4

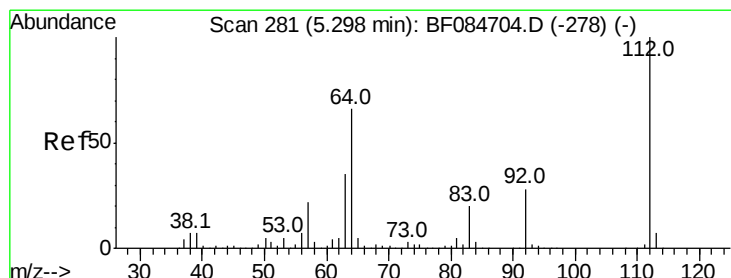
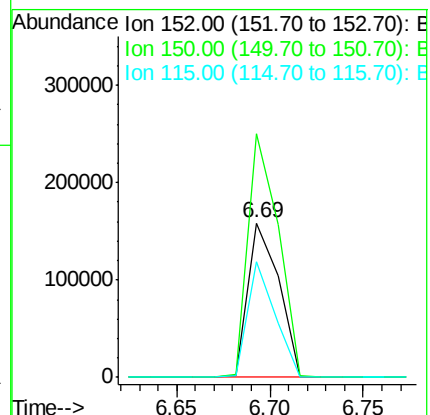
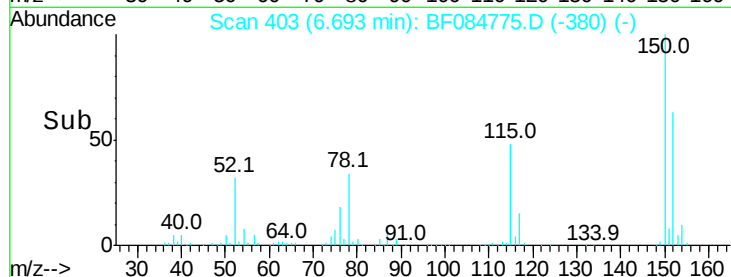
115 74.9 51.4 77.2



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: 121.68 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF084775.D

Acq: 3 Feb 2016 6:12

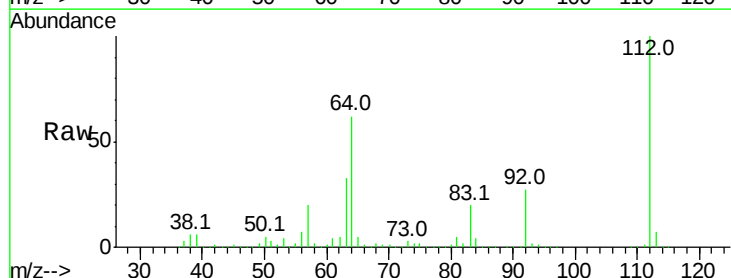
Tgt Ion:112 Resp: 1419270

Ion Ratio Lower Upper

112 100

64 61.6 36.6 55.0#

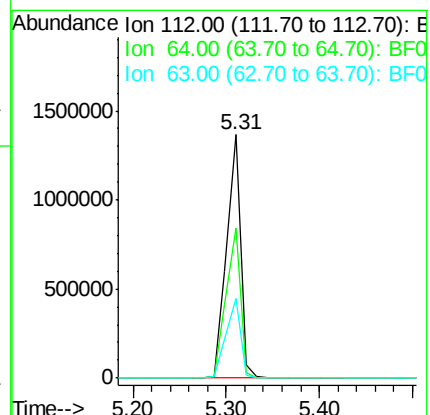
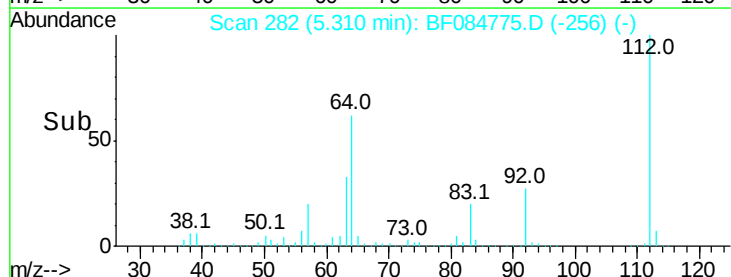
63 32.8 19.4 29.0#

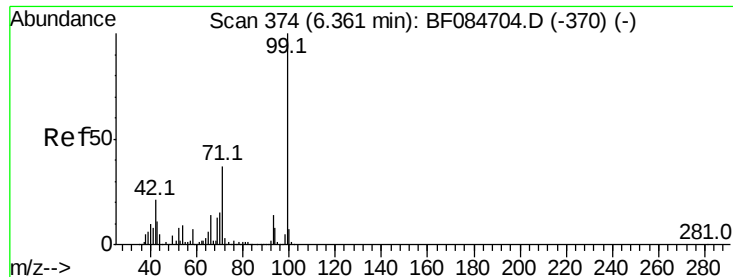


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.05 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084775.D

Acq: 3 Feb 2016 6:12

Instrument :

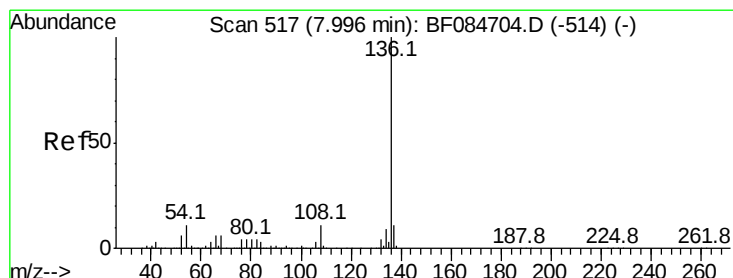
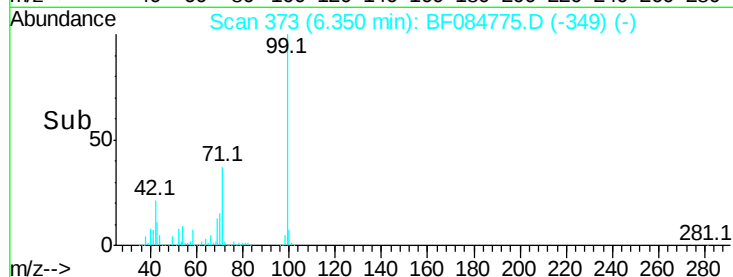
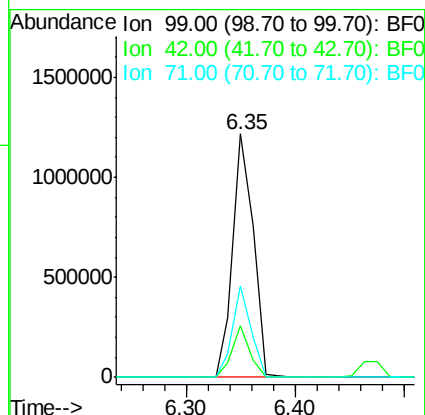
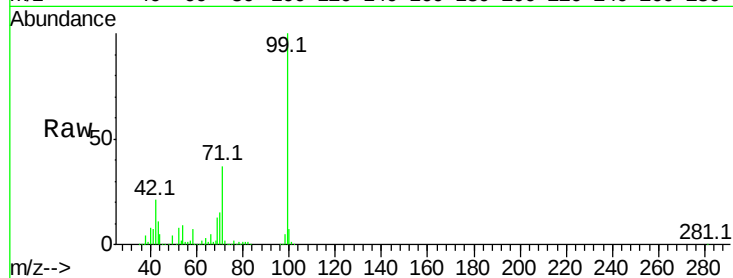
BNA_F

ClientSampleId :

HSR-WC-20-012916

Tot Ion: 99 Resp: 1576764

Ion	Ratio	Lower	Upper
99	100		
42	21.0	12.8	19.2#
71	37.4	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

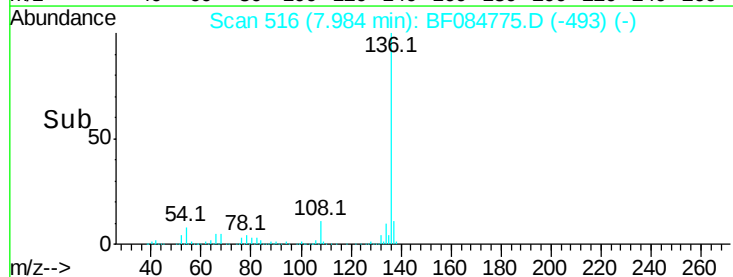
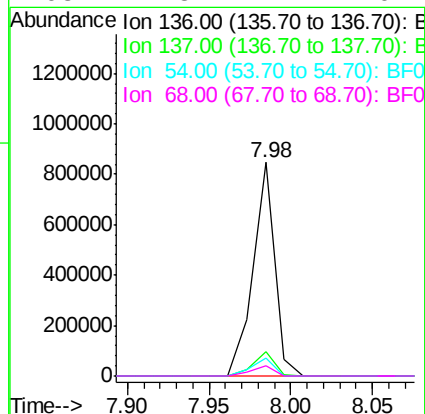
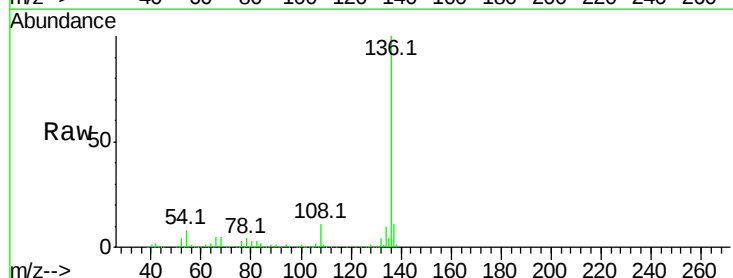
Delta R.T. -0.03 min

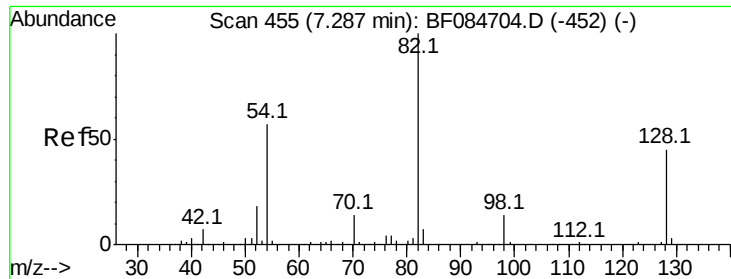
Lab File: BF084775.D

Acq: 3 Feb 2016 6:12

Tgt Ion: 136 Resp: 785518

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.2	5.8	8.8
68	4.8	4.2	6.2

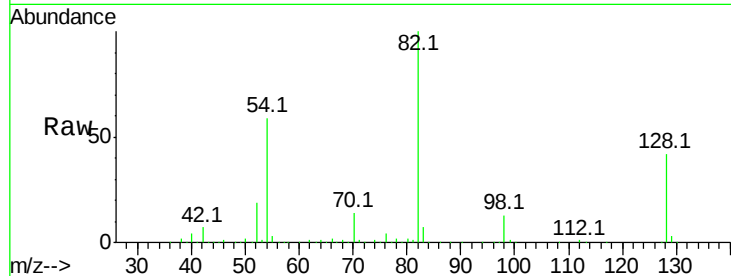




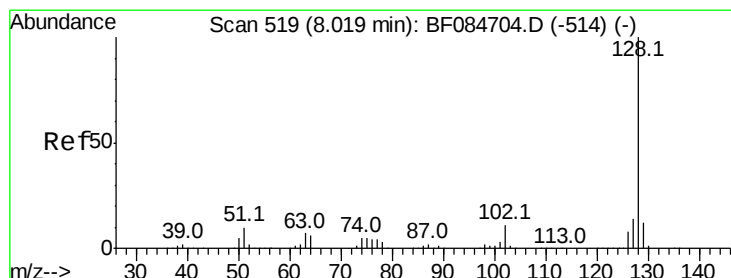
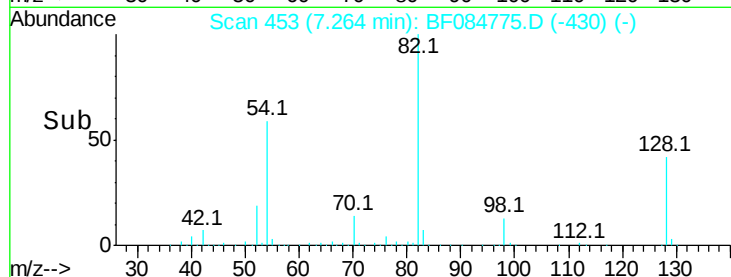
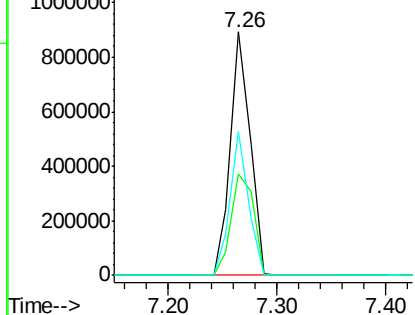
#23
 Nitrobenzene-d5
 Concen: 79.77 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF084775.D
 Acq: 3 Feb 2016 6:12

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-20-012916

Tot Ion: 82 Resp: 1112359
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.6 51.8
 54 59.0 38.4 57.6#

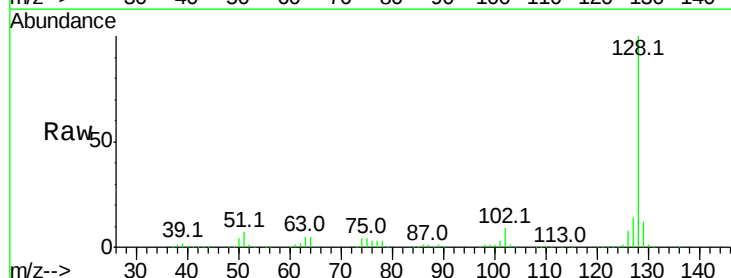


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

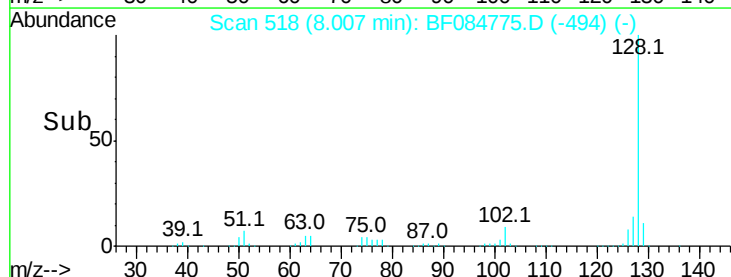
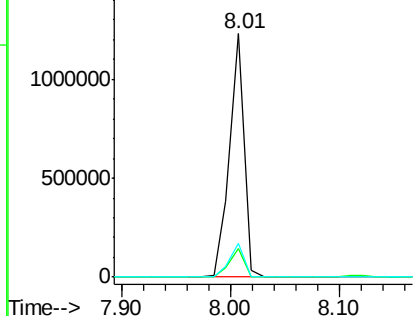


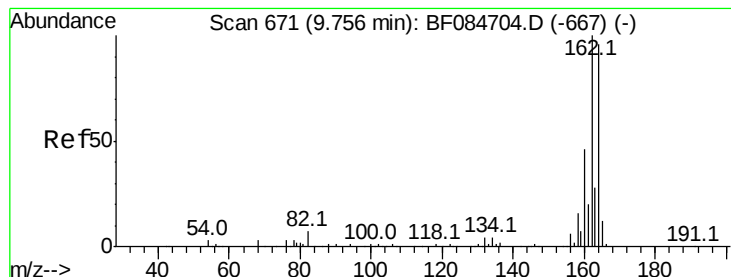
#31
 Naphthalene
 Concen: 28.95 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF084775.D
 Acq: 3 Feb 2016 6:12

Tgt Ion:128 Resp: 1140533
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.1 13.7
 127 13.6 11.1 16.7



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084775.D

Acq: 3 Feb 2016 6:12

Instrument :

BNA_F

ClientSampleId :

HSR-WC-20-012916

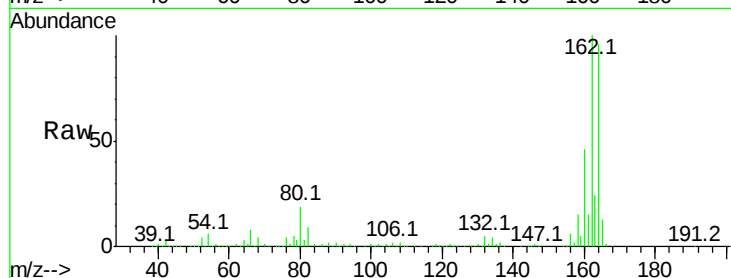
Tot Ion:164 Resp: 370885

Ion Ratio Lower Upper

164 100

162 103.9 85.1 127.7

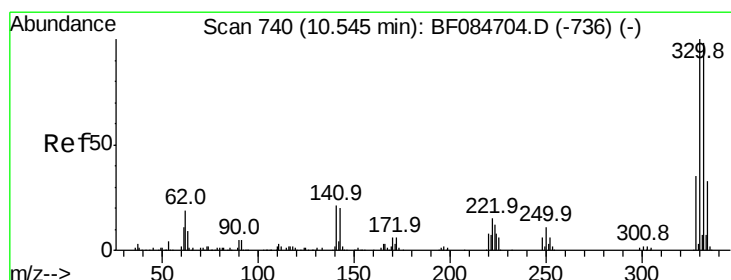
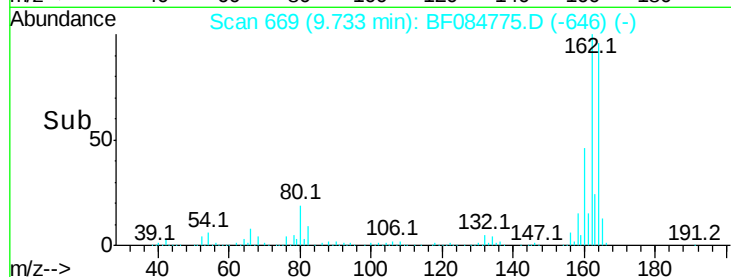
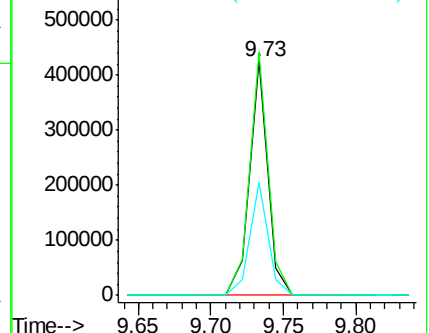
160 48.1 37.5 56.3



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: 132.81 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF084775.D

Acq: 3 Feb 2016 6:12

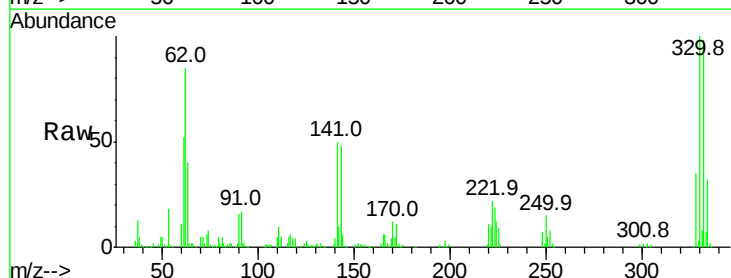
Tgt Ion:330 Resp: 513805

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

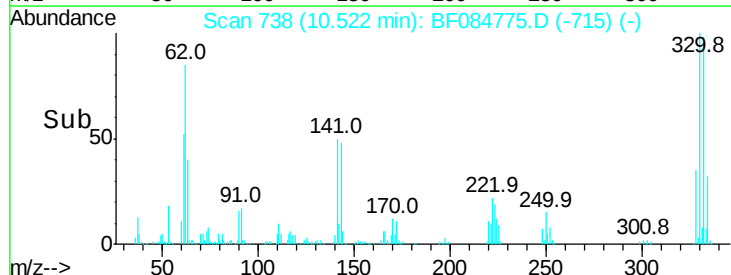
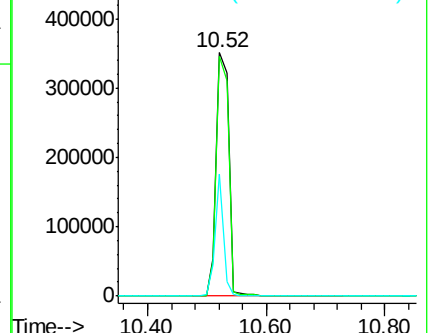
141 33.3 27.8 41.6

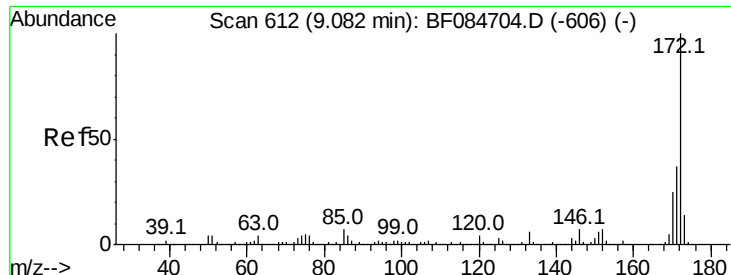


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



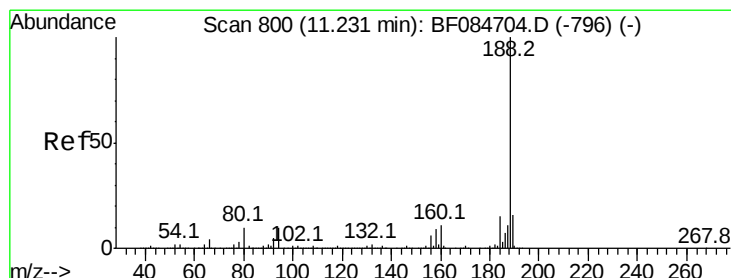
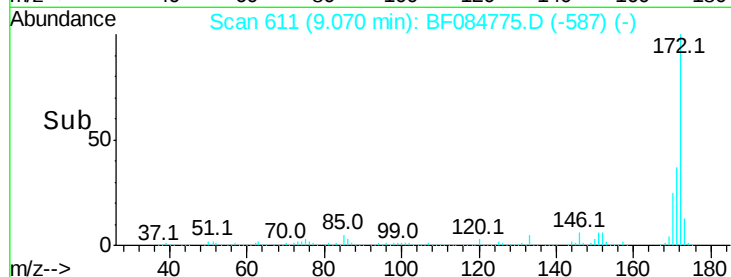
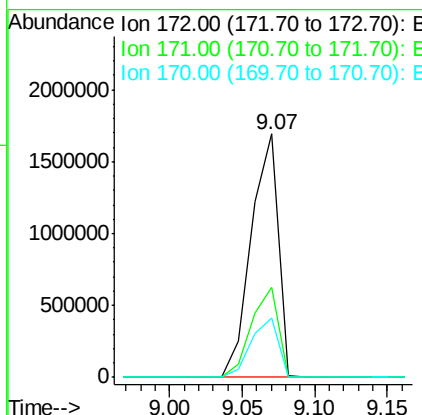
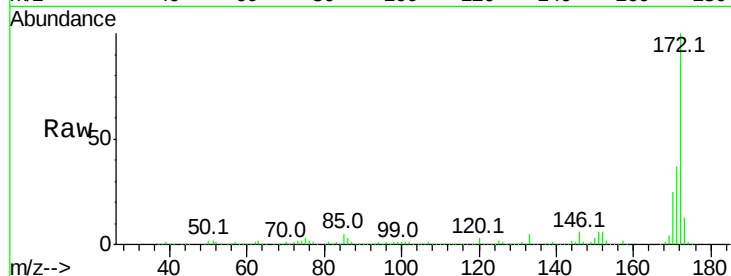


#44
 2-Fluorobiphenyl
 Concen: 110.42 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084775.D
 Acq: 3 Feb 2016 6:12

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-20-012916

Tot Ion:172 Resp: 2188842

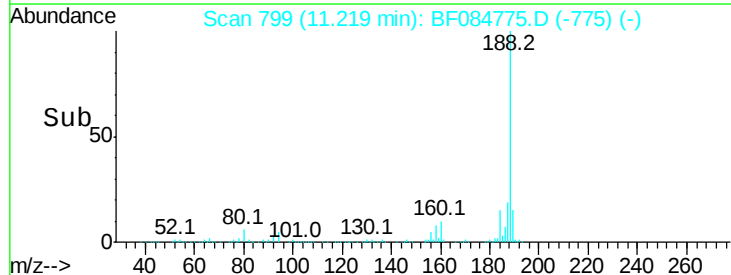
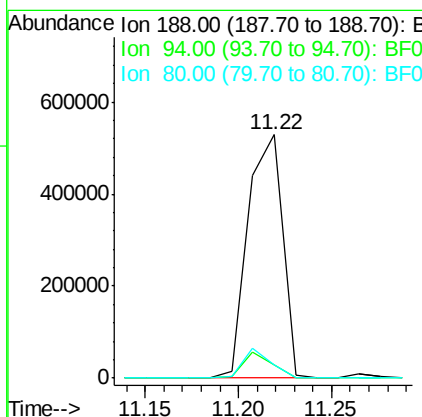
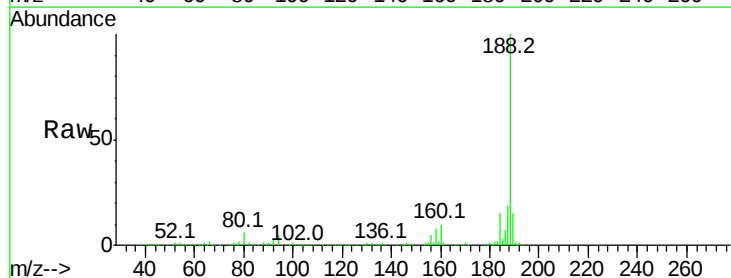
Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.6	18.6	27.8

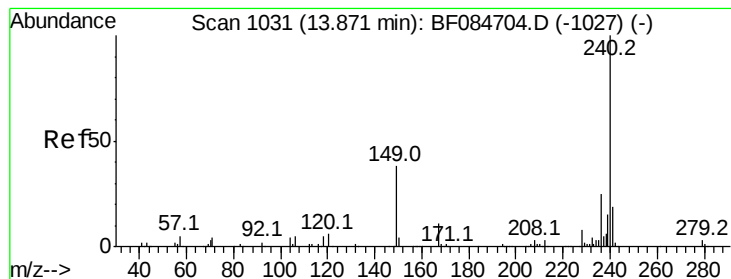


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF084775.D
 Acq: 3 Feb 2016 6:12

Tgt Ion:188 Resp: 680650

Ion	Ratio	Lower	Upper
188	100		
94	5.4	9.0	13.4#
80	5.7	9.6	14.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084775.D

Acq: 3 Feb 2016 6:12

Instrument :

BNA_F

ClientSampleId :

HSR-WC-20-012916

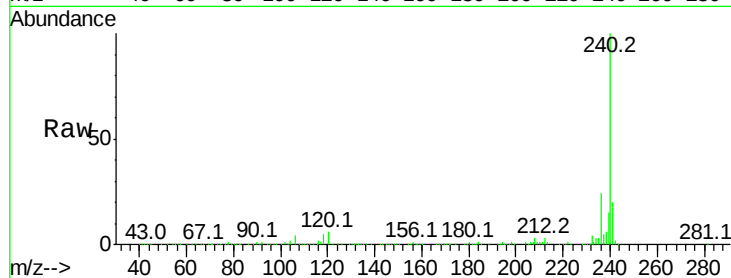
Tot Ion:240 Resp: 510956

Ion Ratio Lower Upper

240 100

120 6.0 9.5 14.3#

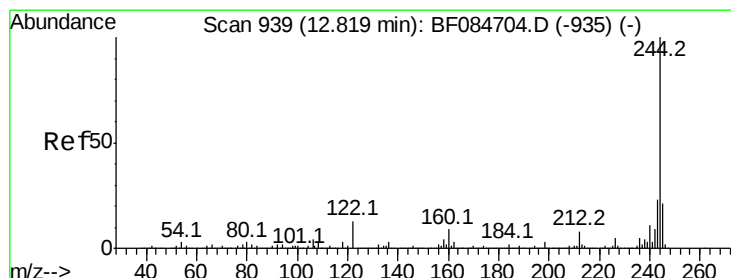
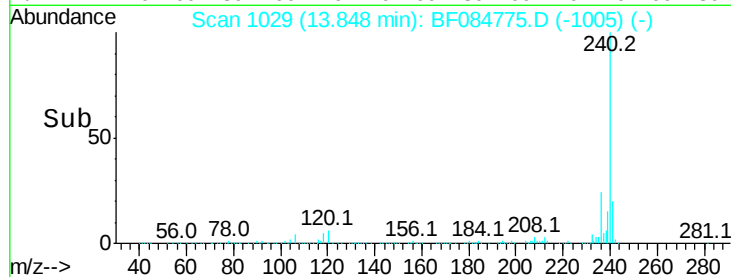
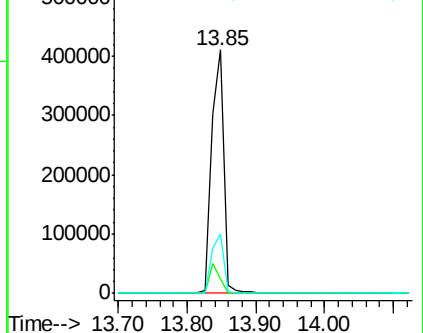
236 24.3 20.6 31.0



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: 90.20 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084775.D

Acq: 3 Feb 2016 6:12

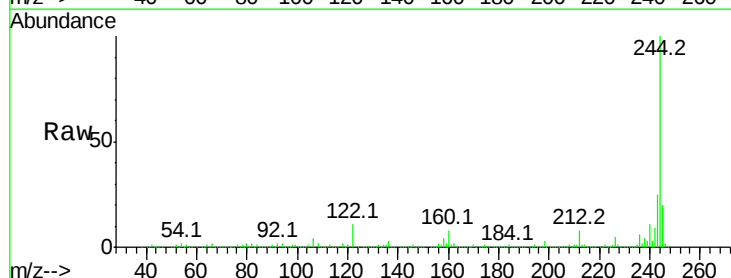
Tgt Ion:244 Resp: 2033941

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

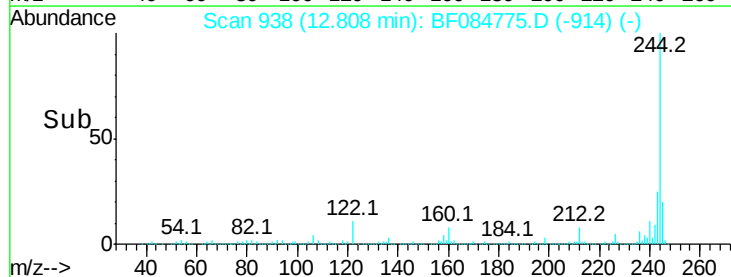
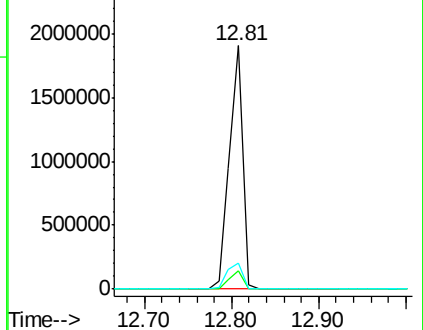
122 10.7 7.4 11.0

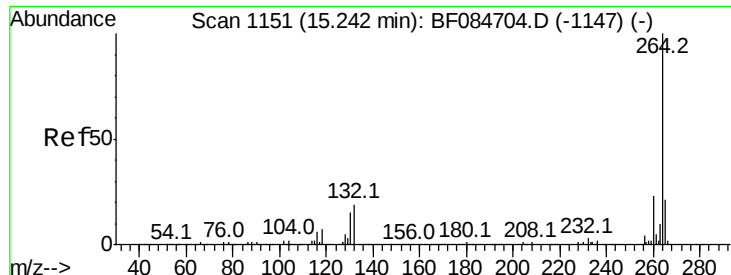


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

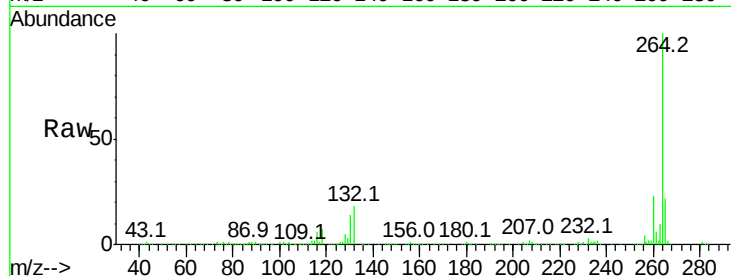




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF084775.D
 Acq: 3 Feb 2016 6:12

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-20-012916

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.2
265	21.6	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

