

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084220.D
 Acq On : 1 Jan 2016 2:57
 Operator : UM/SJ
 Sample : G4982-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0536

Quant Time: Jan 02 02:38:58 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

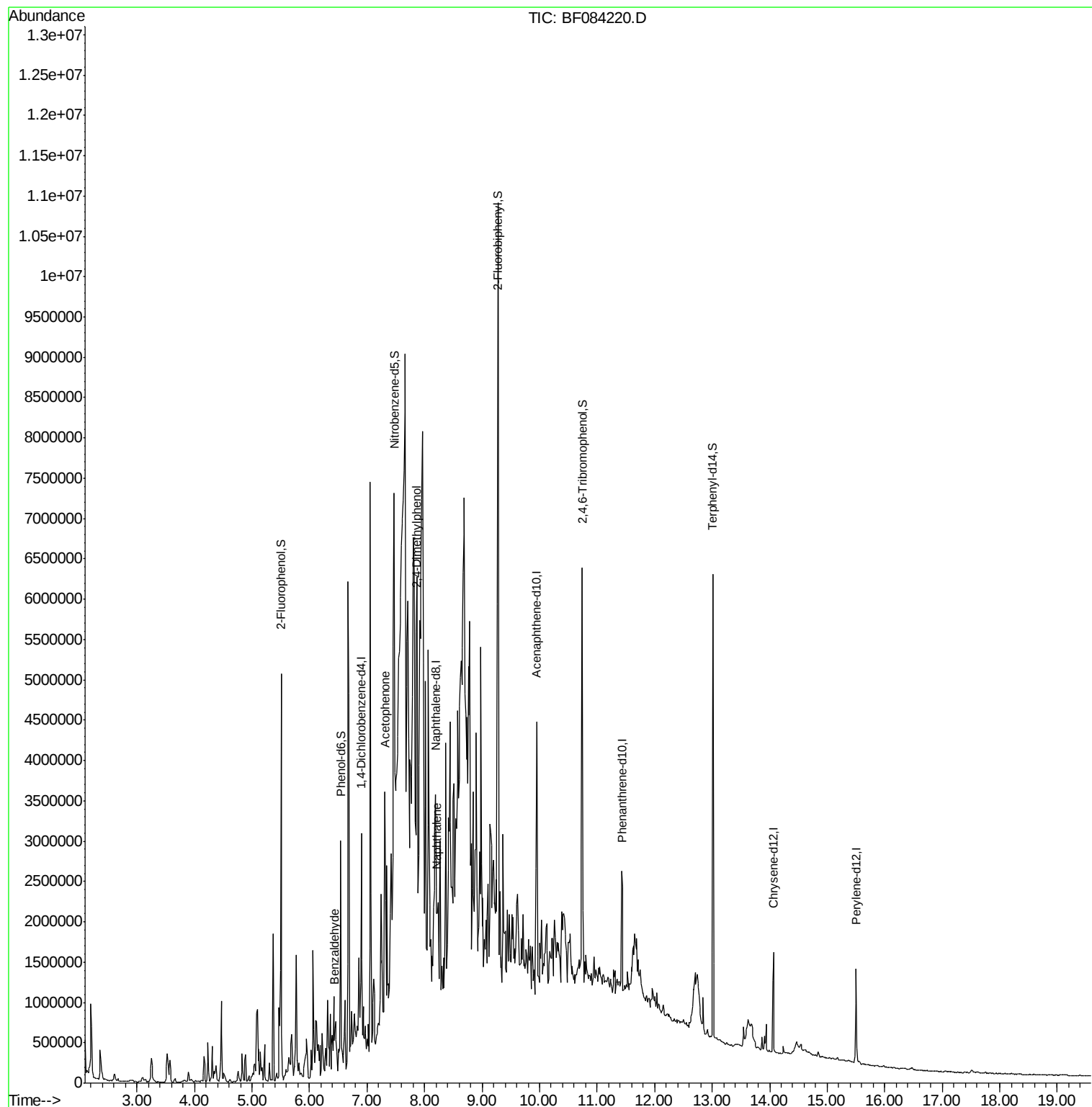
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	283865	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1089708	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	522417	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	766049	20.00	ng	0.01
75) Chrysene-d12	14.07	240	578263	20.00	ng	0.00
86) Perylene-d12	15.51	264	572234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1221773	69.62	ng	0.01
7) Phenol-d6	6.54	99	1050186	47.65	ng	0.01
23) Nitrobenzene-d5	7.47	82	1823957	93.16	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	591194	112.09	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2991644	102.00	ng	0.01
78) Terphenyl-d14	13.01	244	1691269	65.29	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	132521	9.23	ng	88
22) Acetophenone	7.31	105	930967	35.53	ng	# 94
27) 2,4-Dimethylphenol	7.86	122	501510	27.41	ng	98
31) Naphthalene	8.21	128	339891	6.87	ng	99

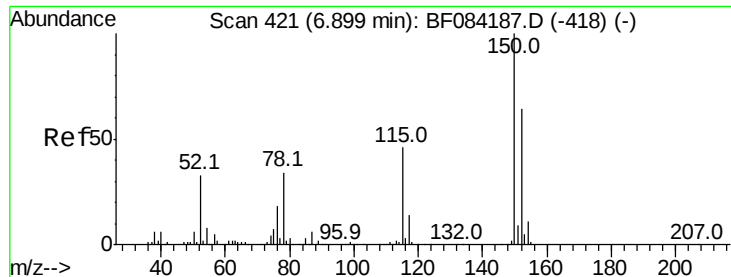
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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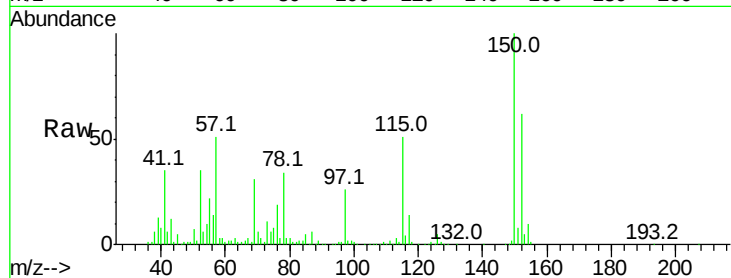


#1

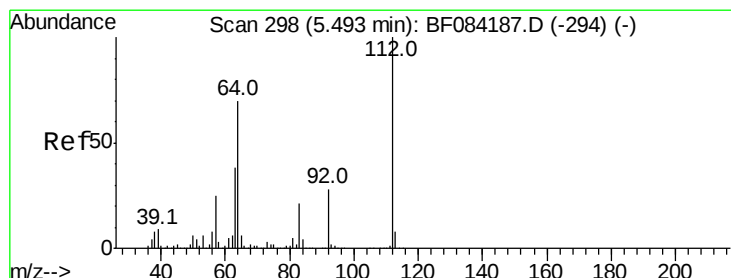
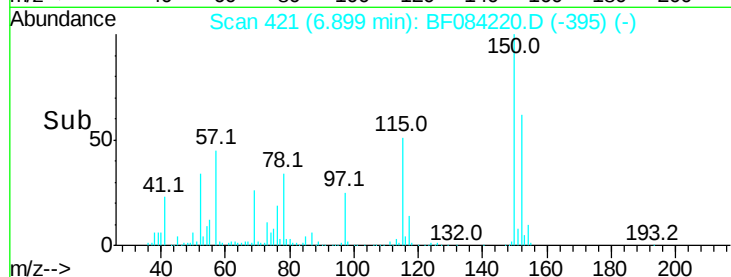
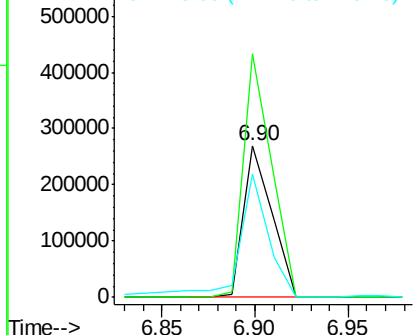
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084220.D
Acq: 1 Jan 2016 2:57

Instrument :
BNA_F
ClientSampleId :
S8-0536

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.0	184.4
115	81.4	51.4	77.2#



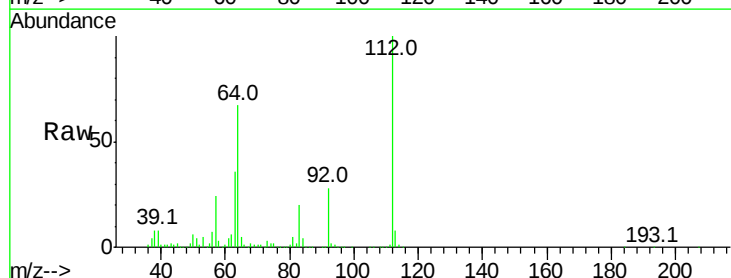
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



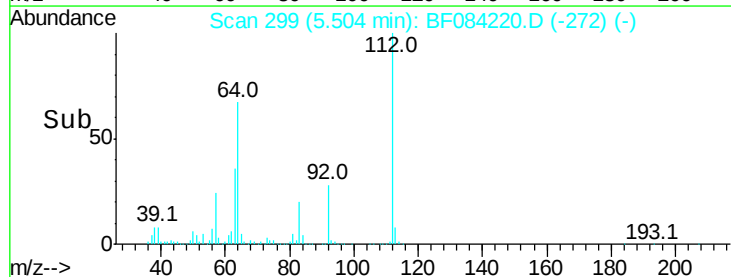
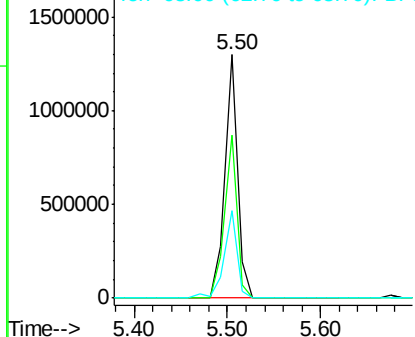
#5

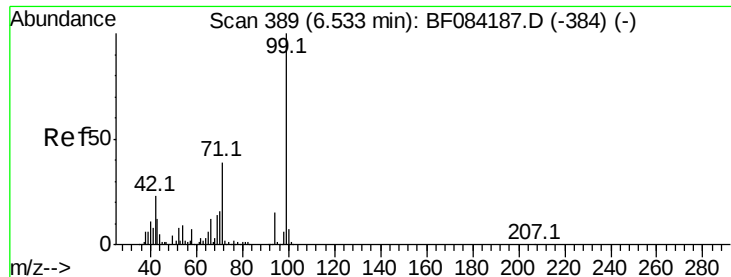
2-Fluorophenol
Concen: 69.62 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084220.D
Acq: 1 Jan 2016 2:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	36.6	55.0#
63	35.9	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: 47.65 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF084220.D

Acq: 1 Jan 2016 2:57

Instrument :

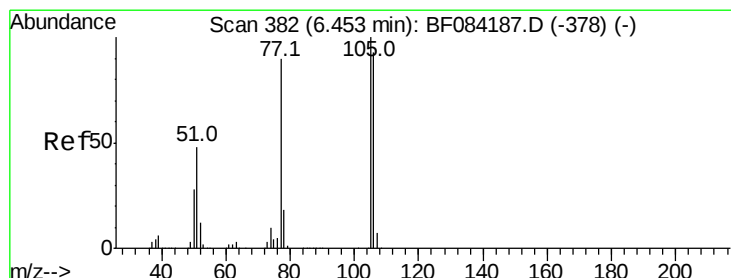
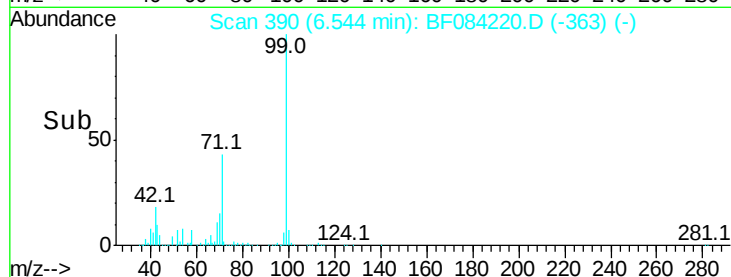
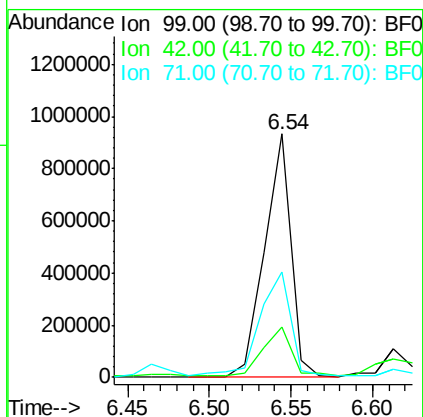
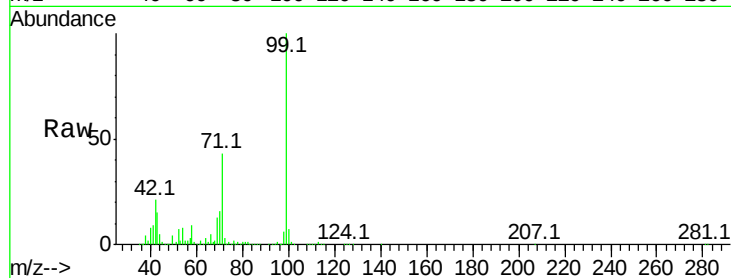
BNA_F

ClientSampleId :

S8-0536

Tot Ion: 99 Resp: 1050186

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	43.5	30.9	46.3



#9

Benzaldehyde

Concen: 9.23 ng

RT: 6.44 min Scan# 381

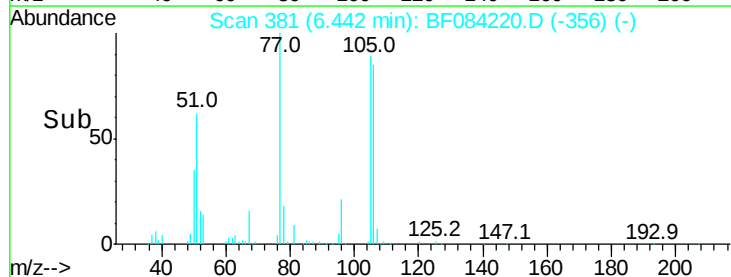
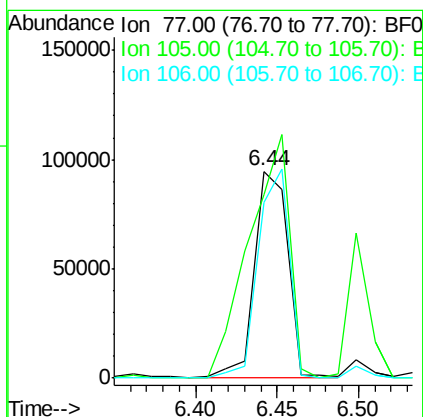
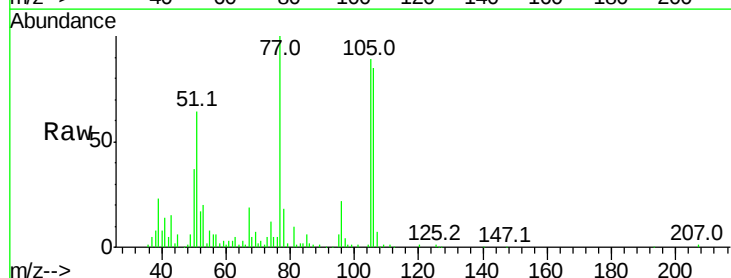
Delta R.T. -0.01 min

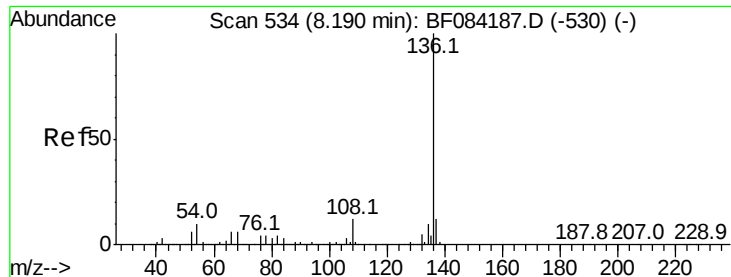
Lab File: BF084220.D

Acq: 1 Jan 2016 2:57

Tgt Ion: 77 Resp: 132521

Ion	Ratio	Lower	Upper
77	100		
105	88.8	83.0	123.0
106	84.8	74.6	114.6

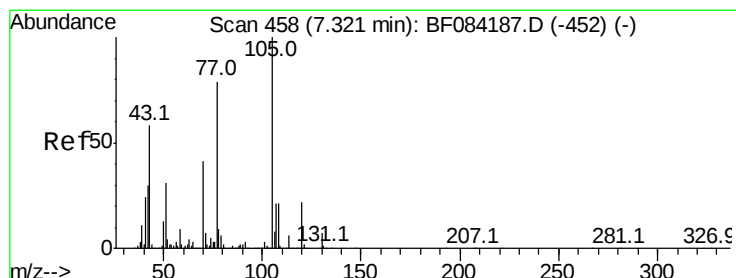
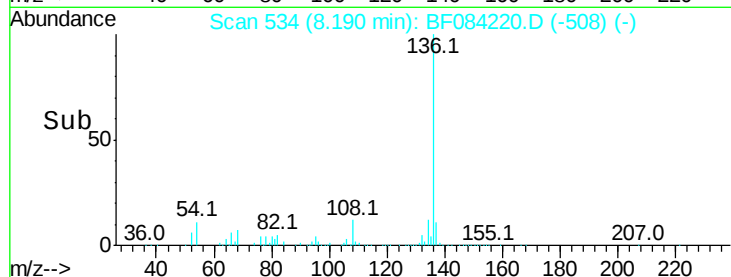
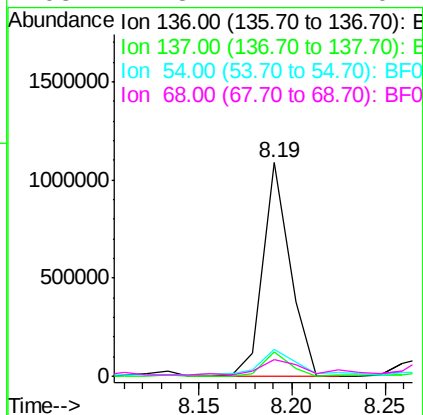
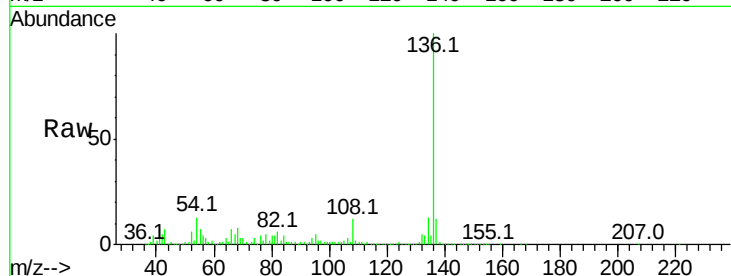




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084220.D
Acq: 1 Jan 2016 2:57

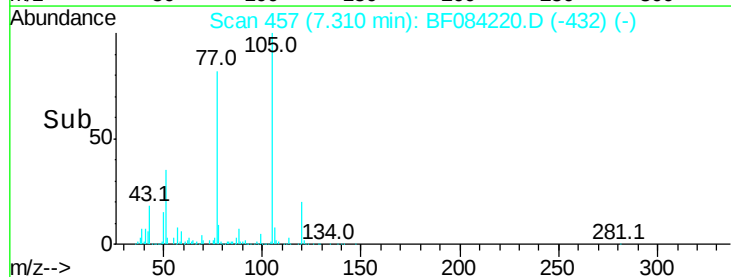
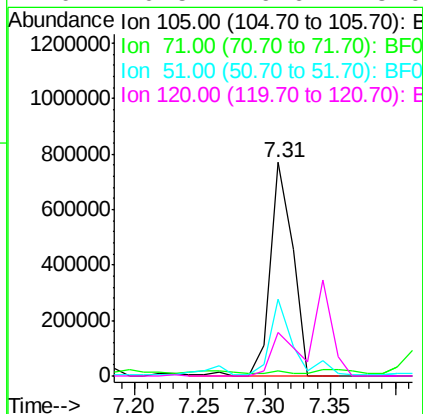
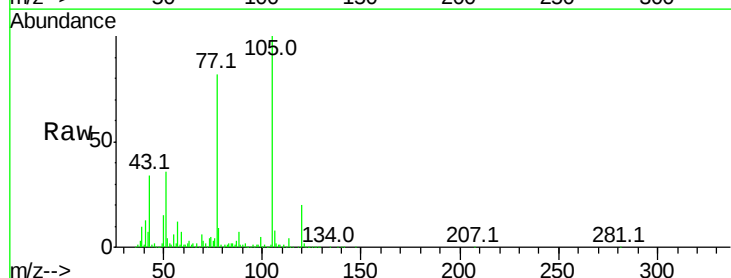
Instrument :
BNA_F
ClientSampleId :
S8-0536

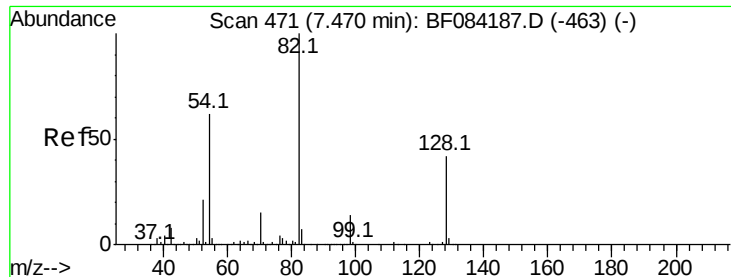
Tot Ion:136	Resp: 1089708
Ion Ratio	Lower Upper
136 100	
137 11.6	8.7 13.1
54 12.6	5.8 8.8#
68 7.8	4.2 6.2#



#22
Acetophenone
Concen: 35.53 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084220.D
Acq: 1 Jan 2016 2:57

Tgt	Ion:105	Resp:	930967
Ion	Ratio	Lower	Upper
105	100		
71	2.3	3.7	5.5#
51	36.1	25.1	37.7
120	20.5	16.6	25.0



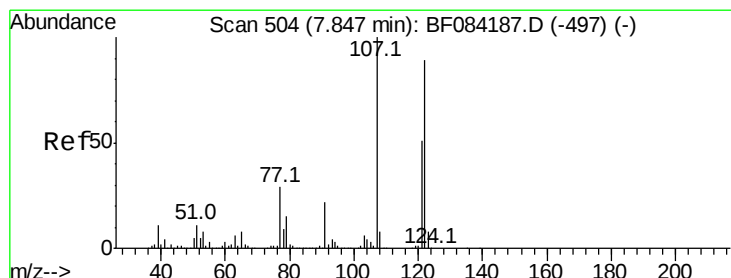
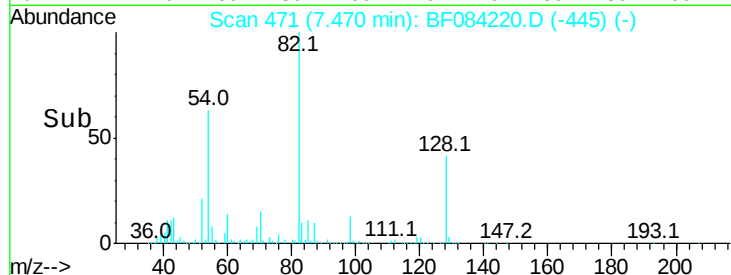
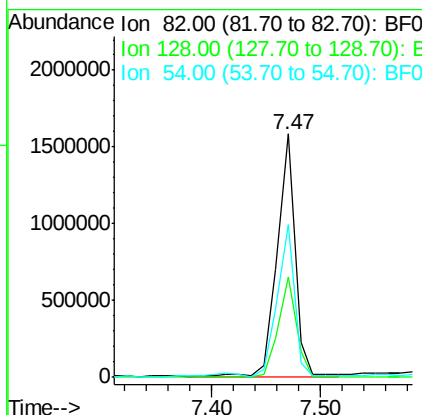
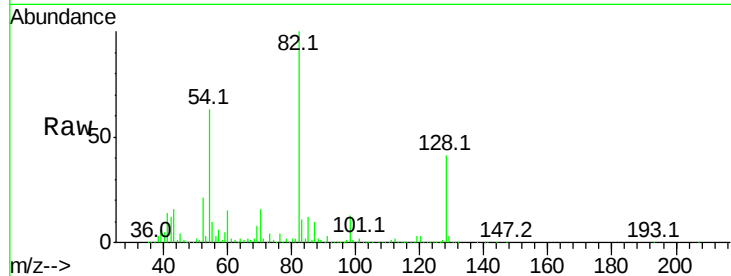


#23
 Nitrobenzene-d5
 Concen: 93.16 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF084220.D
 Acq: 1 Jan 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 S8-0536

Tot Ion: 82 Resp: 1823957

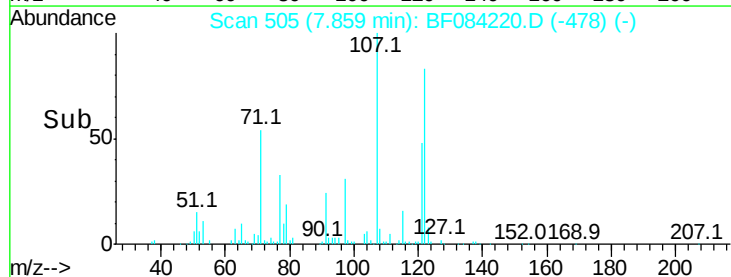
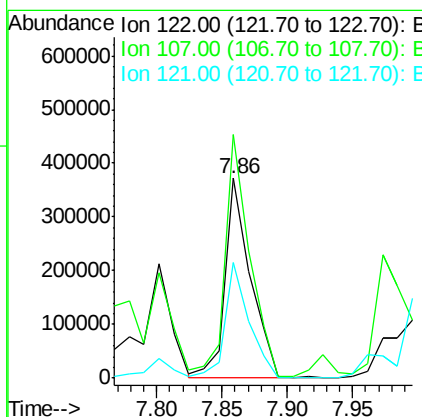
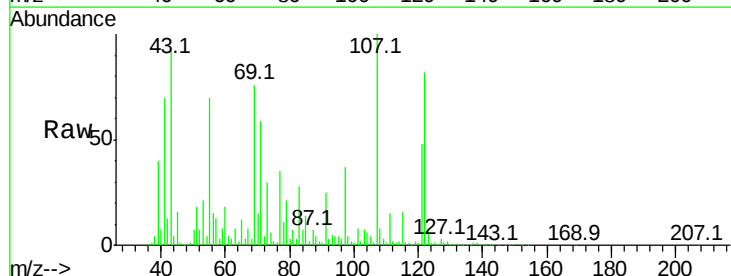
Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	51.8
54	62.7	38.4	57.6

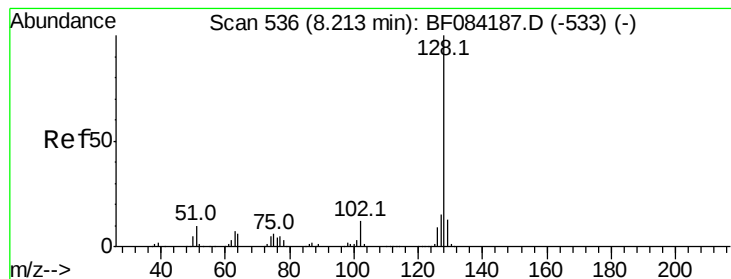


#27
 2,4-Dimethylphenol
 Concen: 27.41 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: BF084220.D
 Acq: 1 Jan 2016 2:57

Tgt Ion: 122 Resp: 501510

Ion	Ratio	Lower	Upper
122	100		
107	121.7	99.1	148.7
121	58.0	47.9	71.9





#31

Naphthalene

Concen: 6.87 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF084220.D

Acq: 1 Jan 2016 2:57

Instrument :

BNA_F

ClientSampleId :

S8-0536

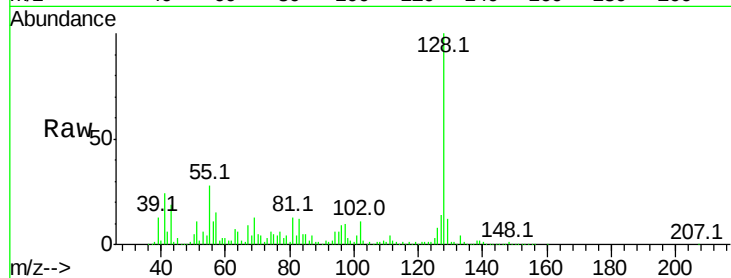
Tot Ion:128 Resp: 339891

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

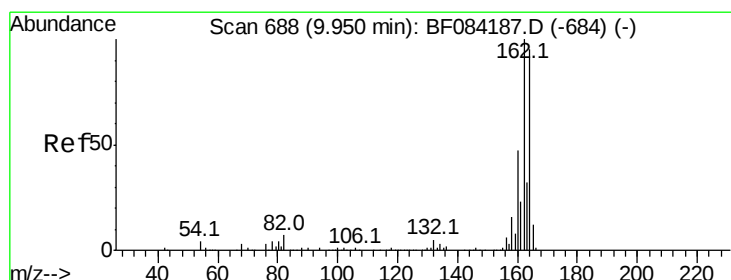
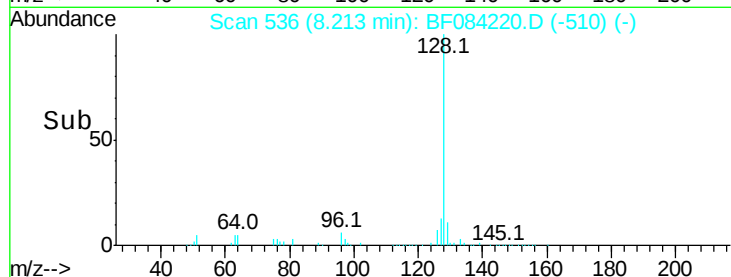
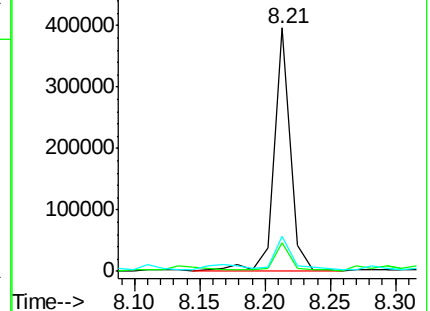
127 14.2 11.1 16.7



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: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF084220.D

Acq: 1 Jan 2016 2:57

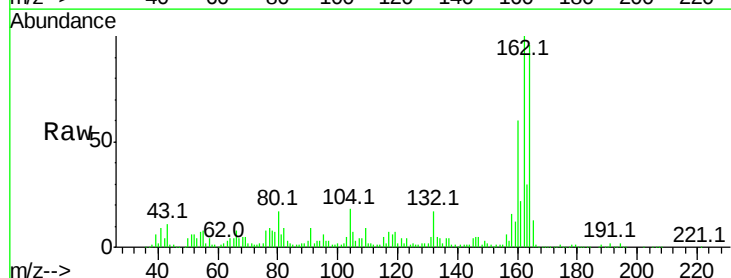
Tgt Ion:164 Resp: 522417

Ion Ratio Lower Upper

164 100

162 103.7 85.1 127.7

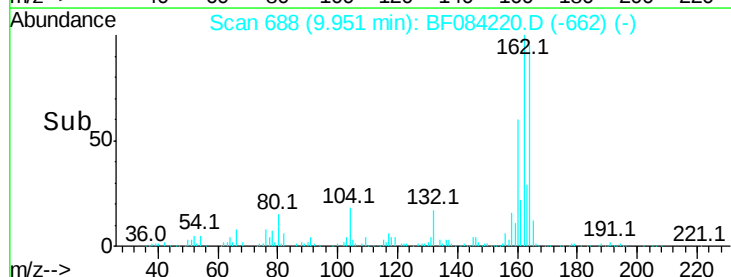
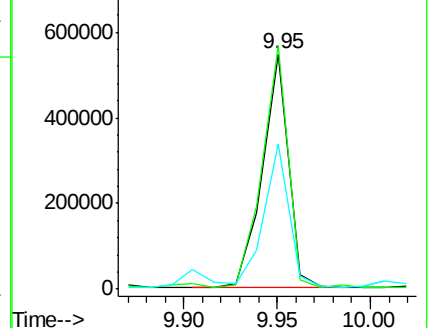
160 61.8 37.5 56.3#

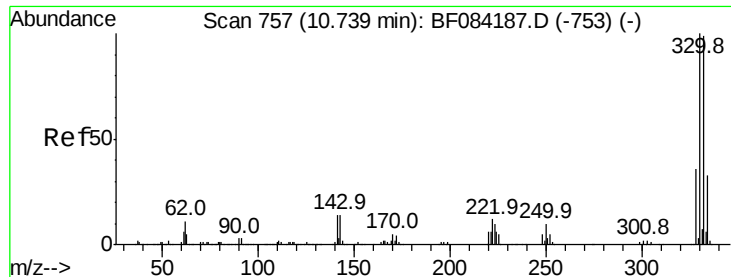


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

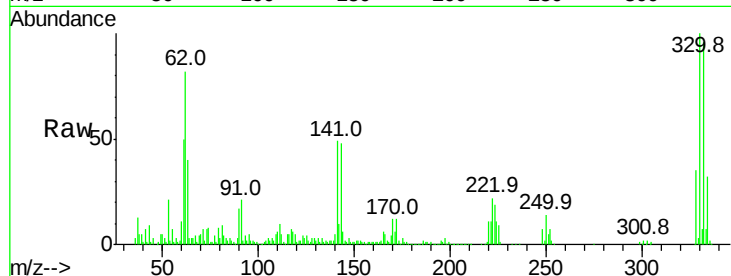




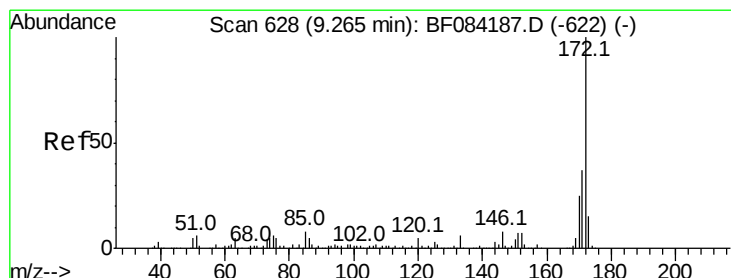
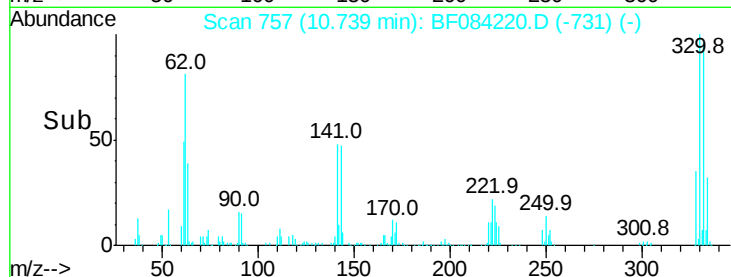
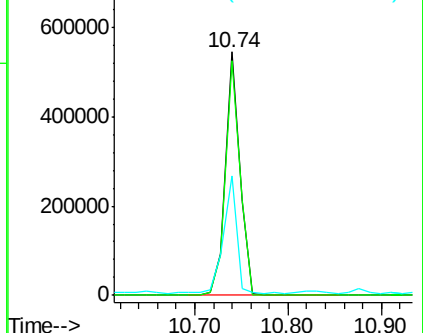
#41
 2,4,6-Tribromophenol
 Concen: 112.09 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF084220.D
 Acq: 1 Jan 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 S8-0536

Tot Ion:330 Resp: 591194
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 43.5 27.8 41.6#

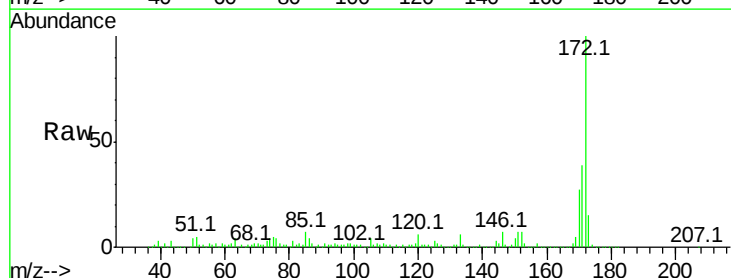


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

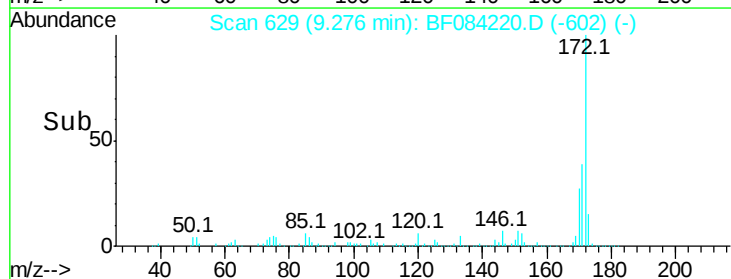
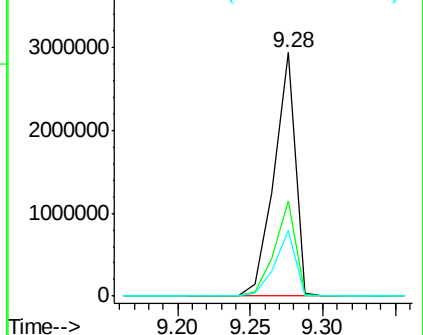


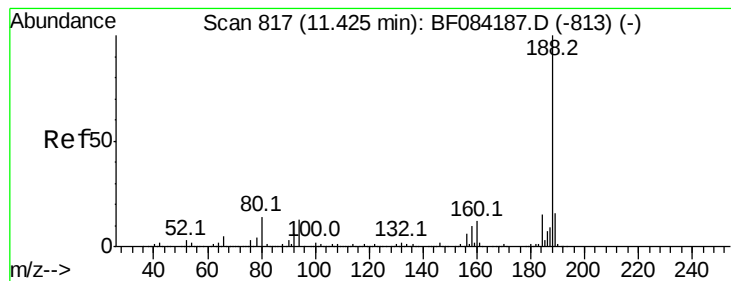
#44
 2-Fluorobiphenyl
 Concen: 102.00 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF084220.D
 Acq: 1 Jan 2016 2:57

Tgt Ion:172 Resp: 2991644
 Ion Ratio Lower Upper
 172 100
 171 39.0 28.9 43.3
 170 27.2 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF084220.D

Acq: 1 Jan 2016 2:57

Instrument :

BNA_F

ClientSampleId :

S8-0536

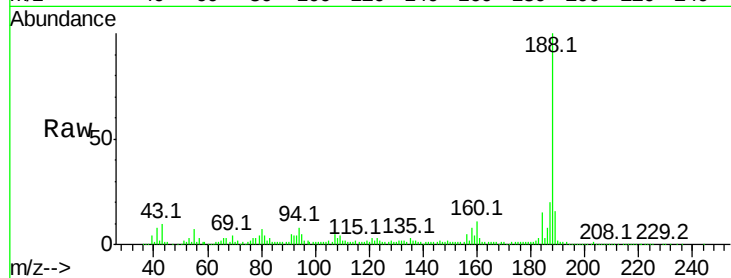
Tot Ion:188 Resp: 766049

Ion Ratio Lower Upper

188 100

94 7.6 9.0 13.4#

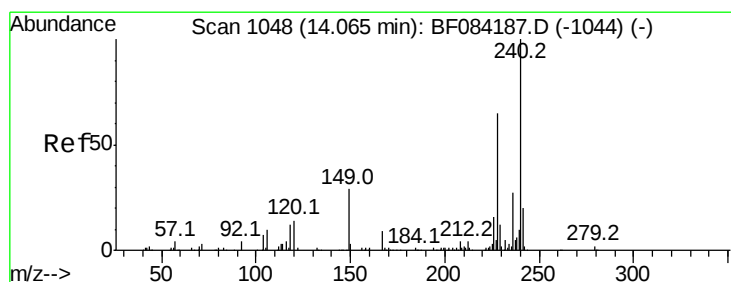
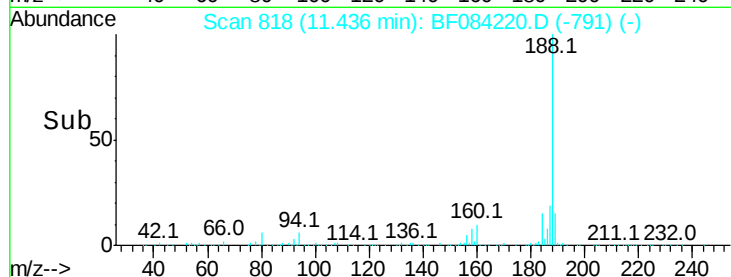
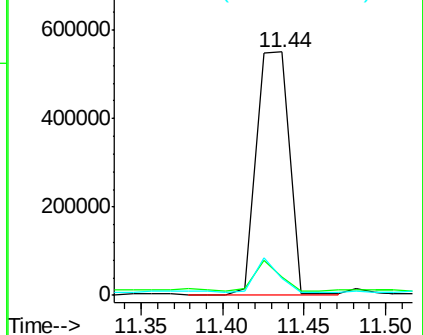
80 7.2 9.6 14.4#



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: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084220.D

Acq: 1 Jan 2016 2:57

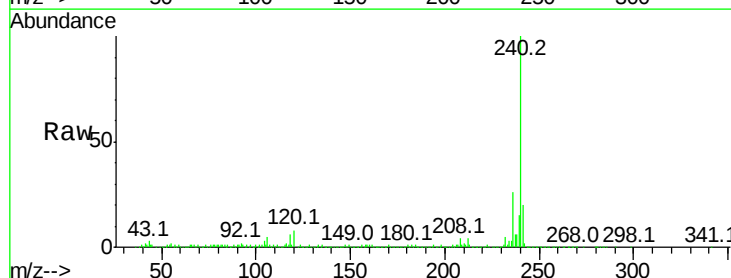
Tgt Ion:240 Resp: 578263

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

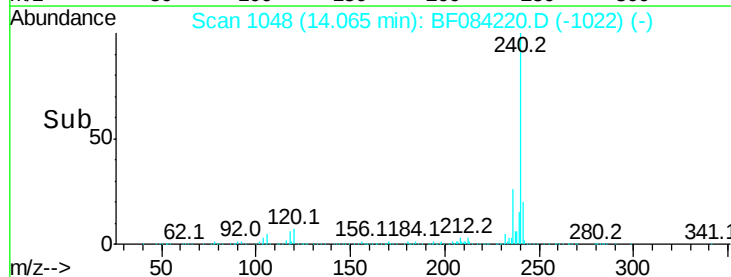
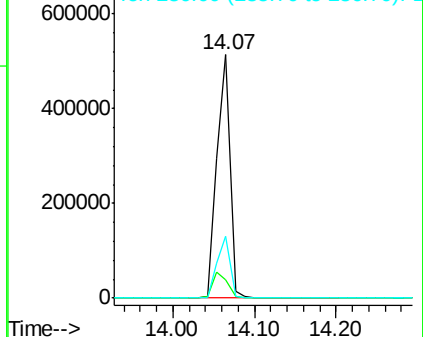
236 25.7 20.6 31.0

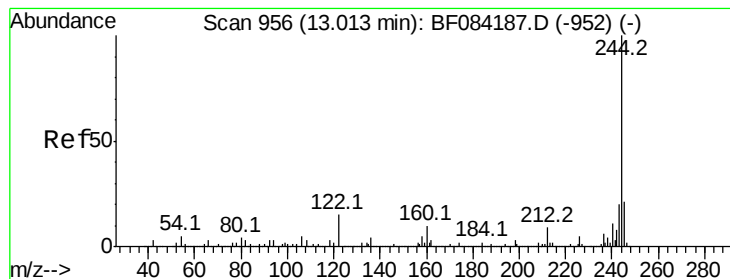


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.29 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084220.D

Acq: 1 Jan 2016 2:57

Instrument :

BNA_F

ClientSampleId :

S8-0536

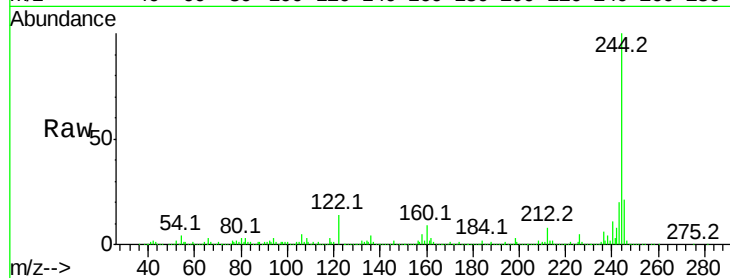
Tot Ion:244 Resp: 1691269

Ion Ratio Lower Upper

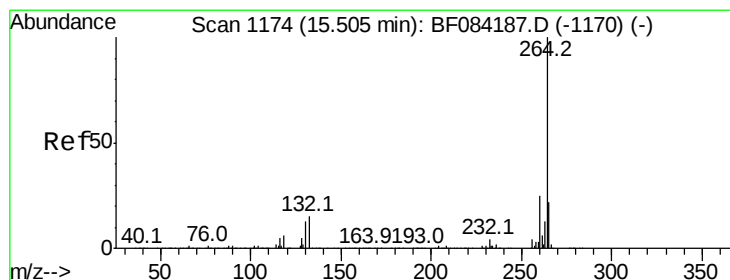
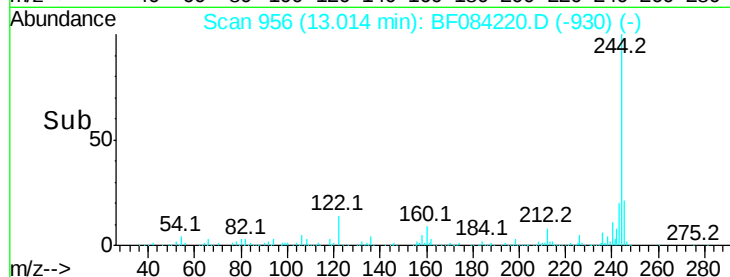
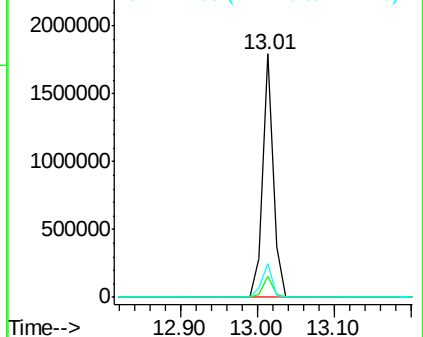
244 100

212 8.4 5.7 8.5

122 14.0 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

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF084220.D

Acq: 1 Jan 2016 2:57

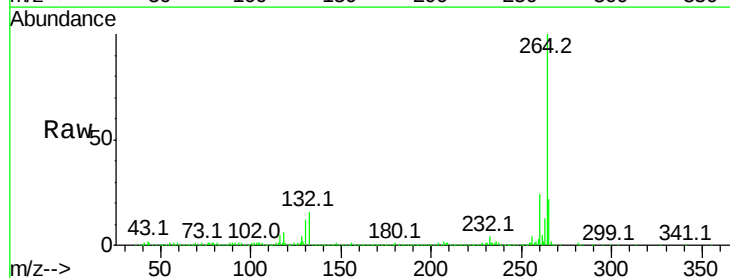
Tgt Ion:264 Resp: 572234

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.9 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

