

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084396.D
 Acq On : 11 Jan 2016 23:21
 Operator : SJ/UM
 Sample : H1074-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-12-010516

Quant Time: Jan 12 06:01:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

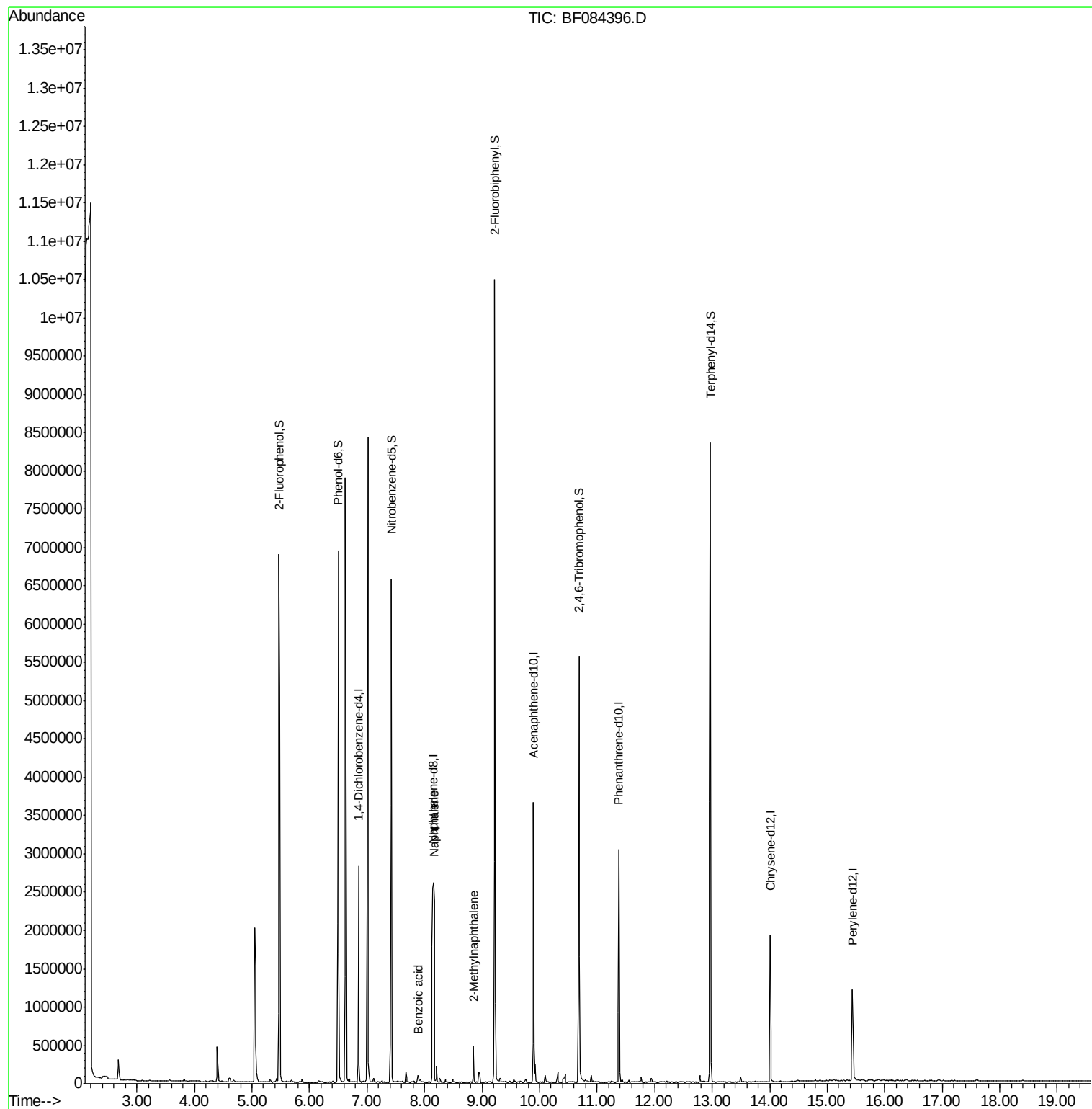
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	359581	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1465367	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	663978	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1093358	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	679674	20.00	ng	-0.06
86) Perylene-d12	15.44	264	570321	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2594270	116.70	ng	-0.02
7) Phenol-d6	6.50	99	2668170	95.56	ng	-0.03
23) Nitrobenzene-d5	7.42	82	2473119	93.93	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	736606	109.89	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	3094784	81.75	ng	-0.04
78) Terphenyl-d14	12.97	244	2667075	87.59	ng	-0.05
Target Compounds						
31) Naphthalene	8.17	128	1715651	25.81	ng	Qvalue 99
32) Benzoic acid	7.89	122	5551	6.55	ng	# 88
37) 2-Methylnaphthalene	8.85	142	123757	2.59	ng	97

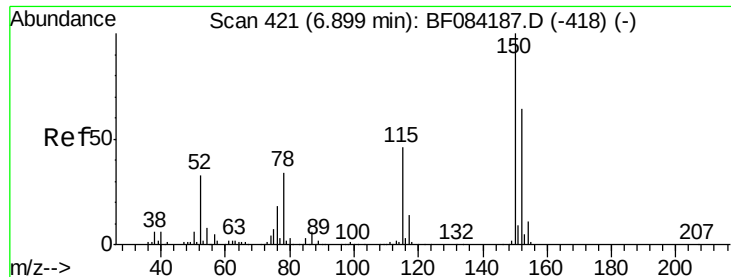
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 12 06:01:17 2016
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QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



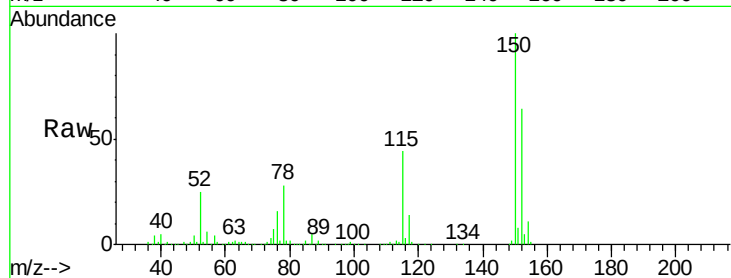


#1

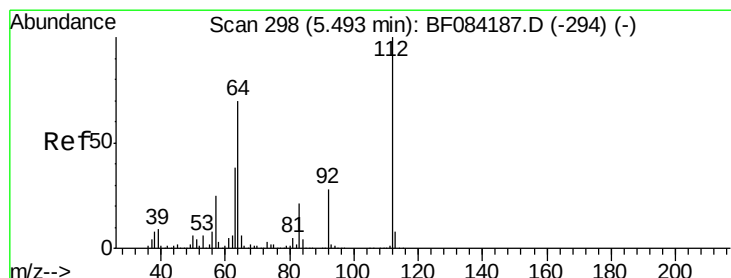
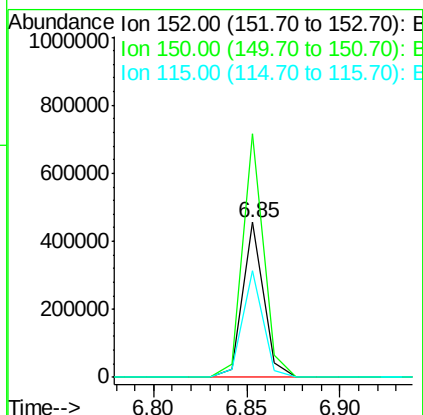
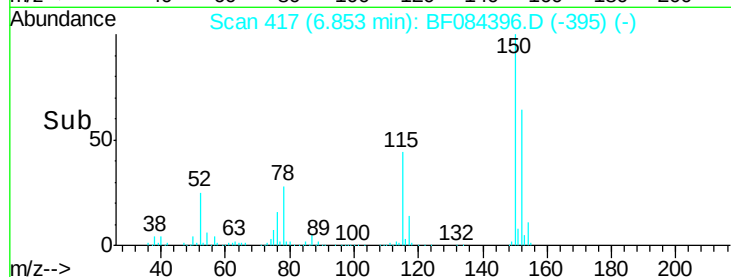
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Instrument :
BNA_F
ClientSampleId :
HSR-WC-12-010516

Tgt Ion:152 Resp: 359581
Ion Ratio Lower Upper
152 100
150 157.4 123.0 184.4
115 68.7 51.4 77.2



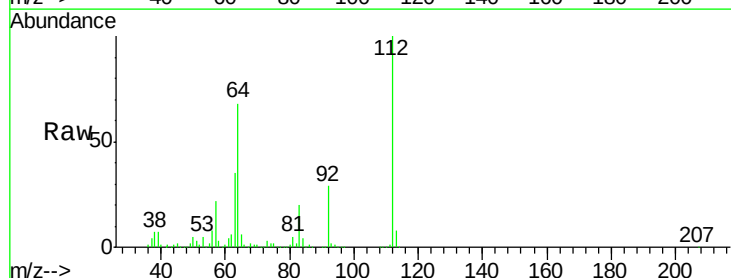
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



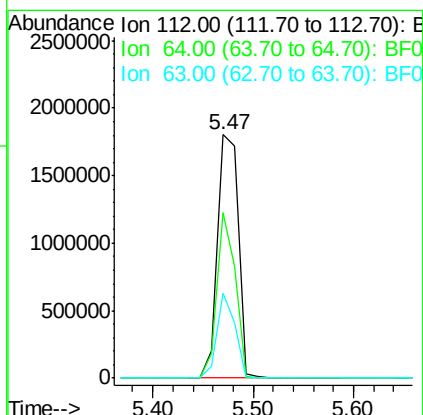
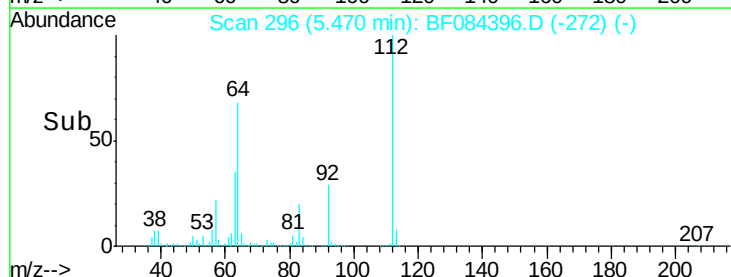
#5

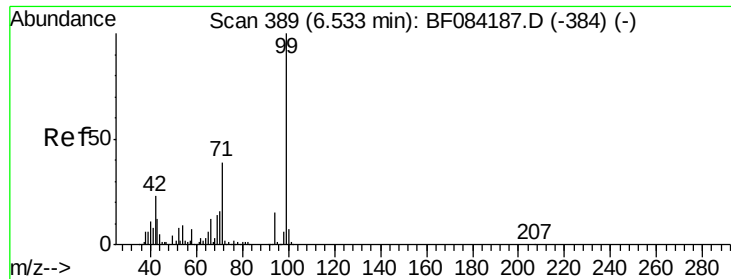
2-Fluorophenol
Concen: 116.70 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Tgt Ion:112 Resp: 2594270
Ion Ratio Lower Upper
112 100
64 68.1 36.6 55.0#
63 35.1 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: 95.56 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084396.D

Acq: 11 Jan 2016 23:21

Instrument :

BNA_F

ClientSampleId :

HSR-WC-12-010516

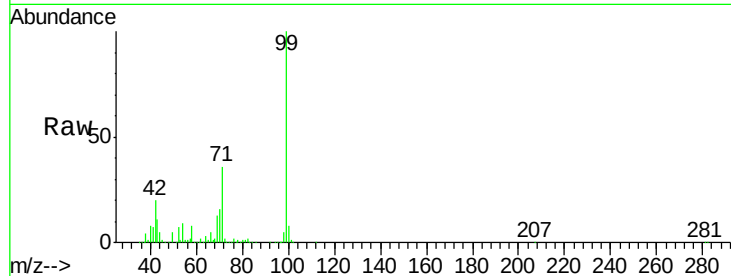
Tgt Ion: 99 Resp: 2668170

Ion Ratio Lower Upper

99 100

42 20.1 12.8 19.2#

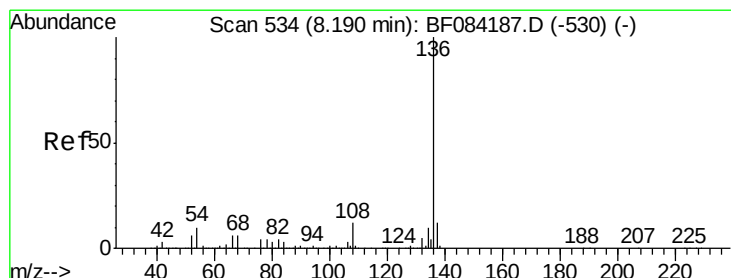
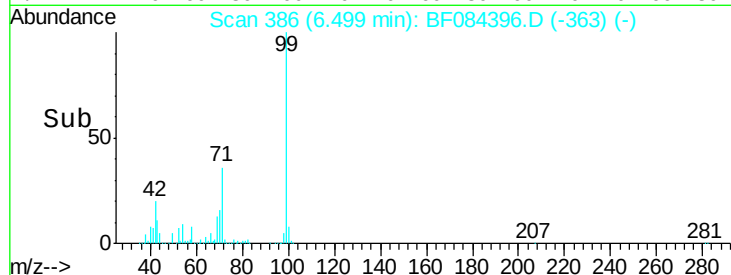
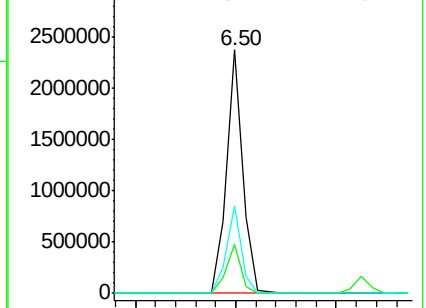
71 35.8 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084396.D

Acq: 11 Jan 2016 23:21

Tgt Ion: 136 Resp: 1465367

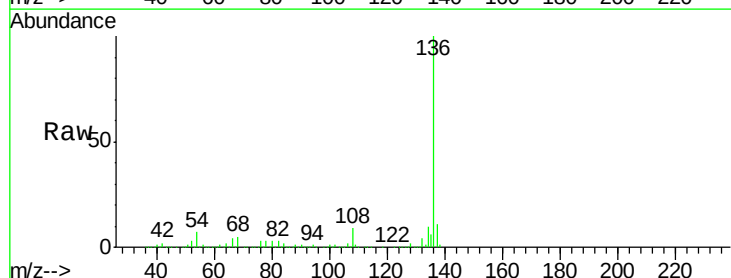
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.8 5.8 8.8

68 5.1 4.2 6.2

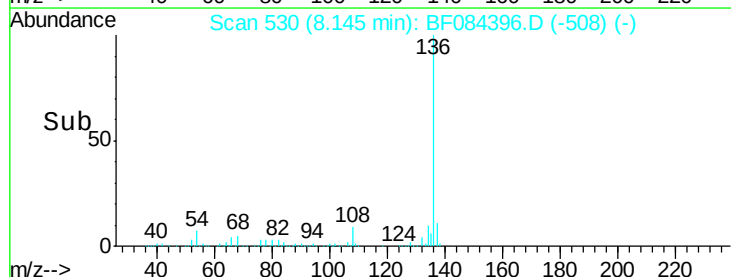
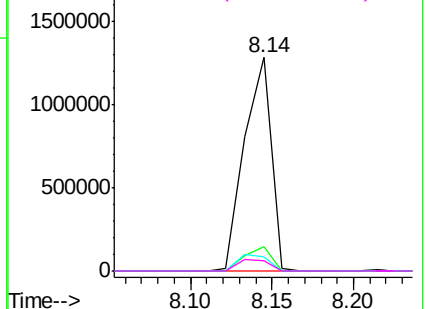


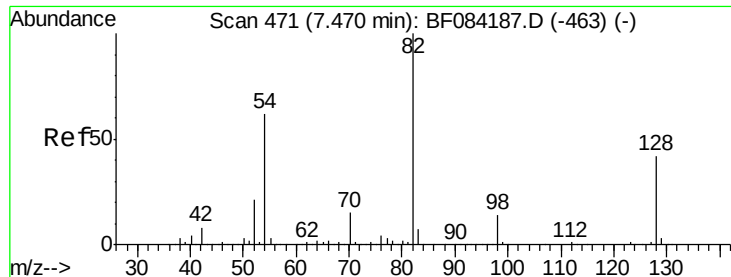
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

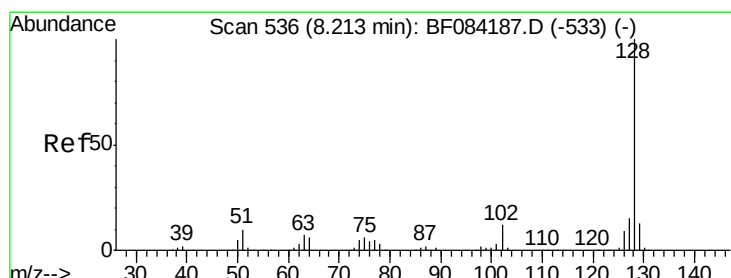
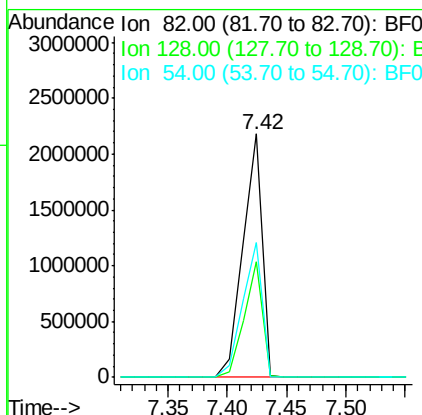
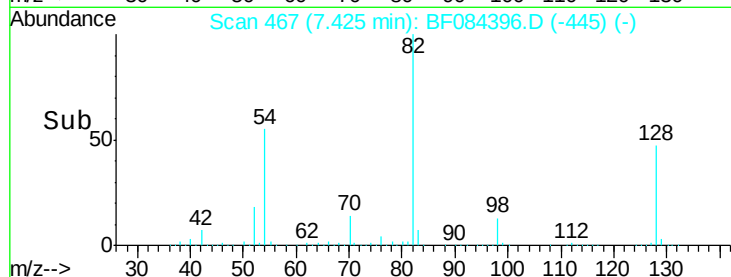
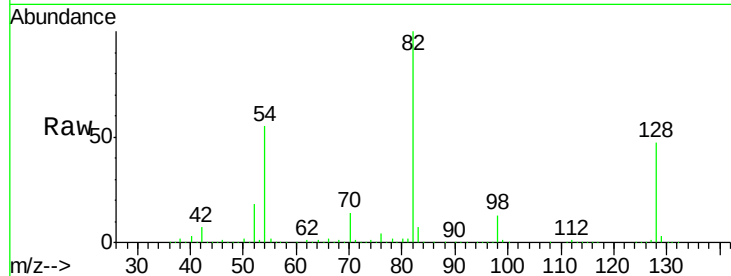




#23
Nitrobenzene-d5
Concen: 93.93 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

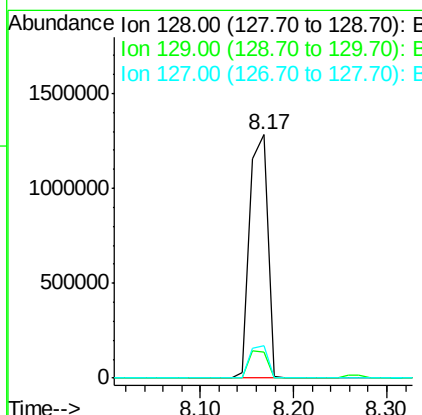
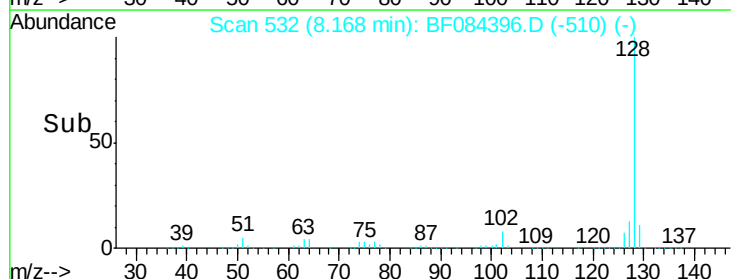
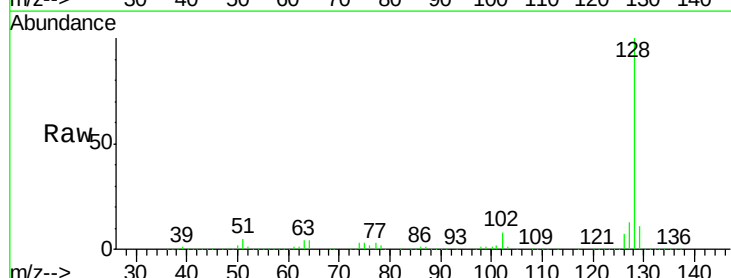
Instrument :
BNA_F
ClientSampleId :
HSR-WC-12-010516

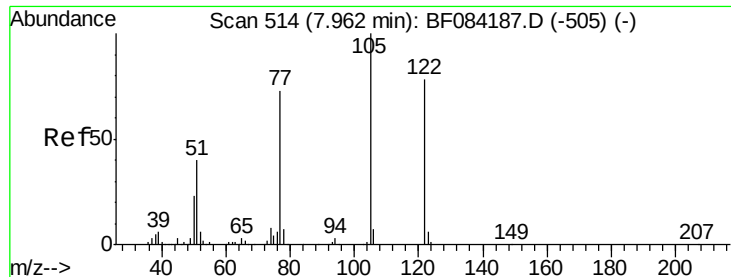
Tgt Ion: 82 Resp: 2473119
Ion Ratio Lower Upper
82 100
128 47.4 34.6 51.8
54 55.2 38.4 57.6



#31
Naphthalene
Concen: 25.81 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Tgt Ion: 128 Resp: 1715651
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.4 11.1 16.7





#32

Benzoic acid

Concen: 6.55 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.07 min

Lab File: BF084396.D

Acq: 11 Jan 2016 23:21

Instrument :

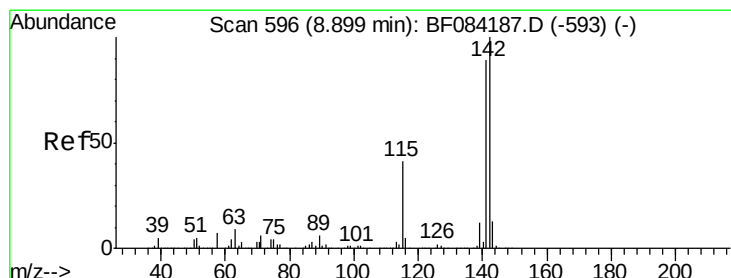
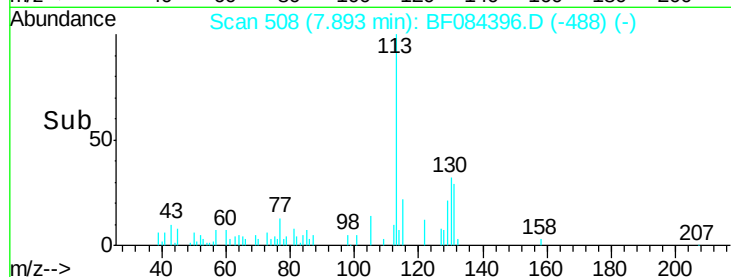
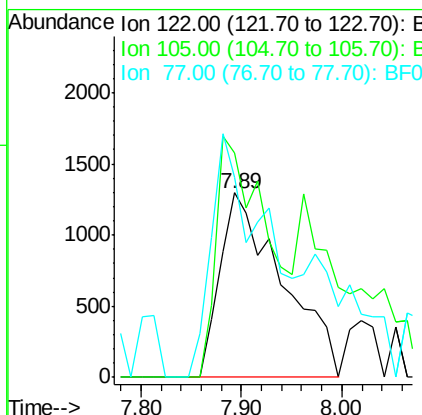
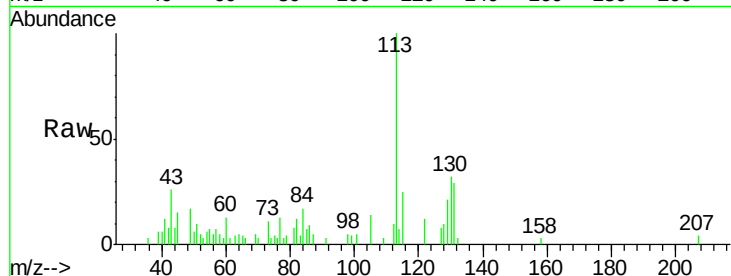
BNA_F

ClientSampleId :

HSR-WC-12-010516

Tgt Ion:122 Resp: 5551

Ion	Ratio	Lower	Upper
122	100		
105	121.3	100.3	140.3
77	108.2	63.5	103.5#



#37

2-Methylnaphthalene

Concen: 2.59 ng

RT: 8.85 min Scan# 592

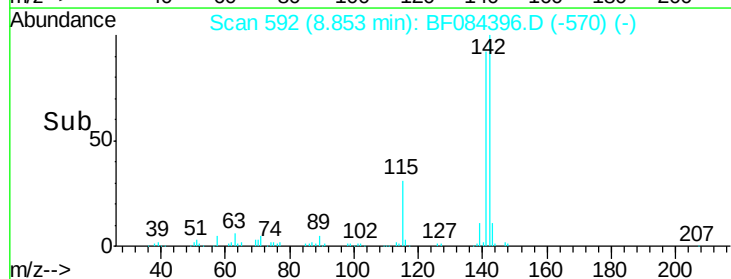
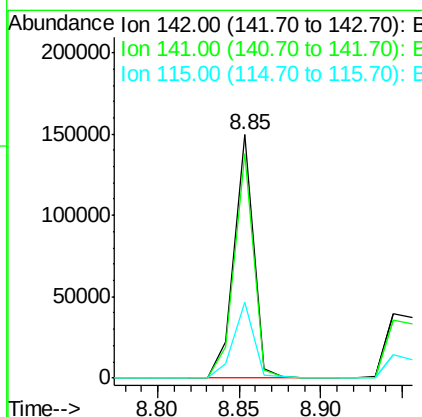
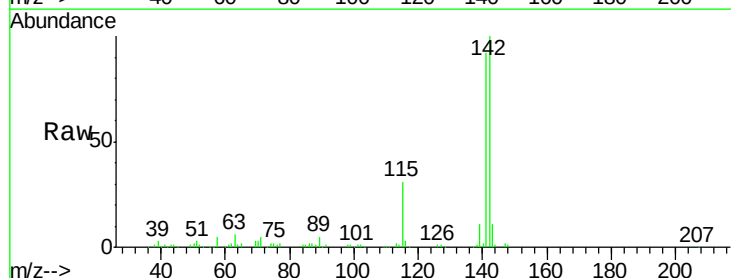
Delta R.T. -0.05 min

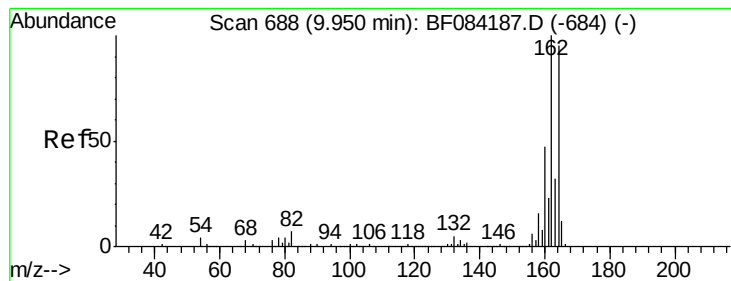
Lab File: BF084396.D

Acq: 11 Jan 2016 23:21

Tgt Ion:142 Resp: 123757

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.4	108.6
115	31.4	27.9	41.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084396.D

Acq: 11 Jan 2016 23:21

Instrument :

BNA_F

ClientSampleId :

HSR-WC-12-010516

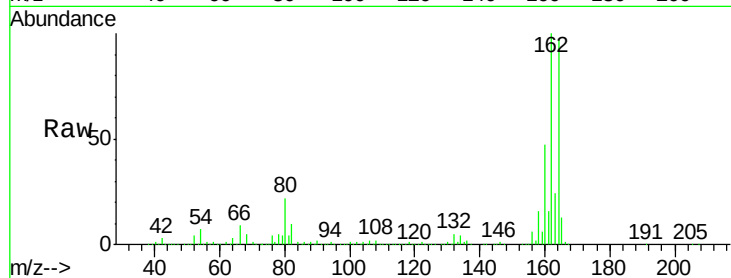
Tgt Ion:164 Resp: 663978

Ion Ratio Lower Upper

164 100

162 102.6 85.1 127.7

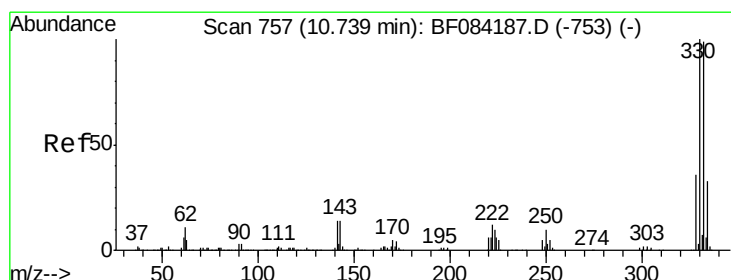
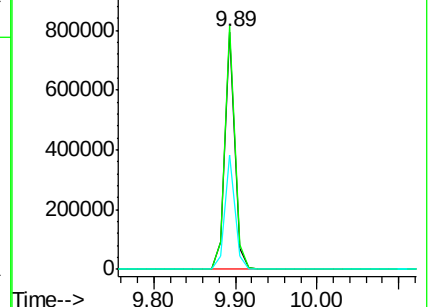
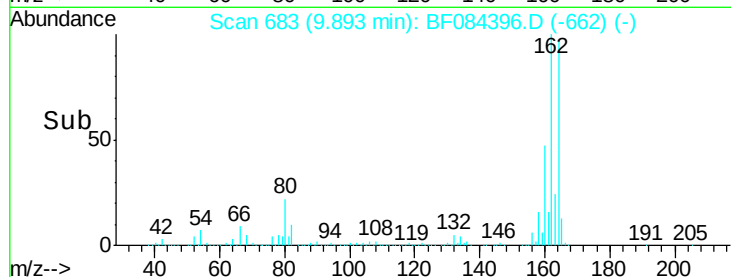
160 47.9 37.5 56.3



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: 109.89 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.06 min

Lab File: BF084396.D

Acq: 11 Jan 2016 23:21

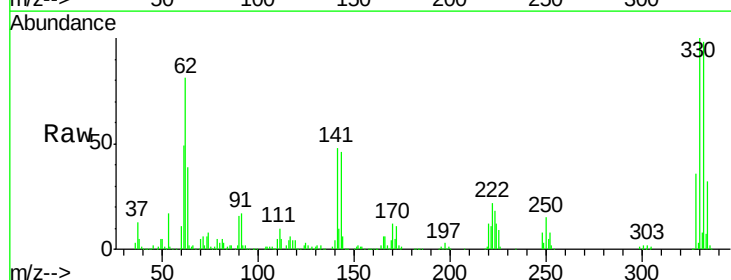
Tgt Ion:330 Resp: 736606

Ion Ratio Lower Upper

330 100

332 98.6 76.6 114.8

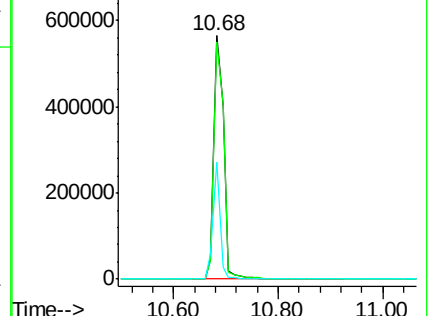
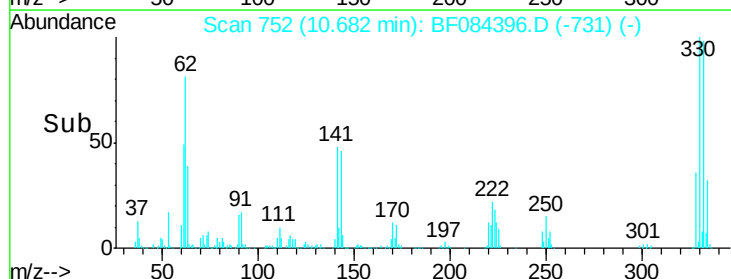
141 35.1 27.8 41.6

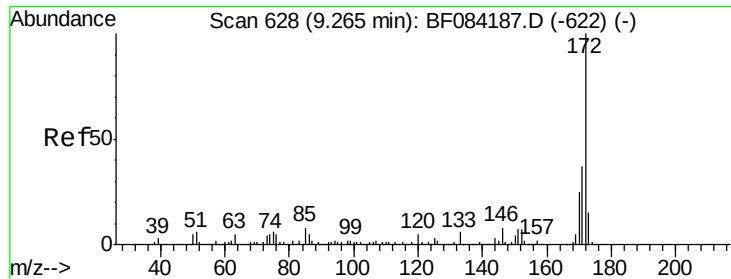


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

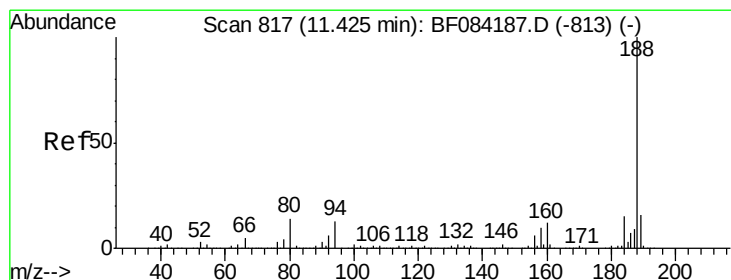
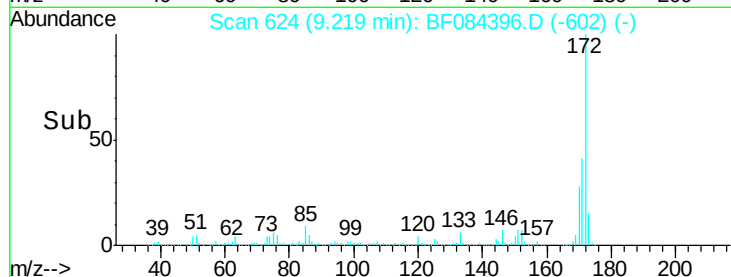
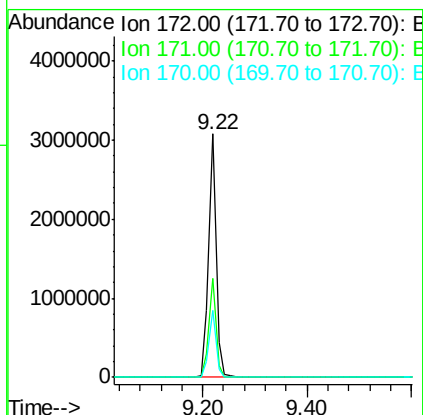
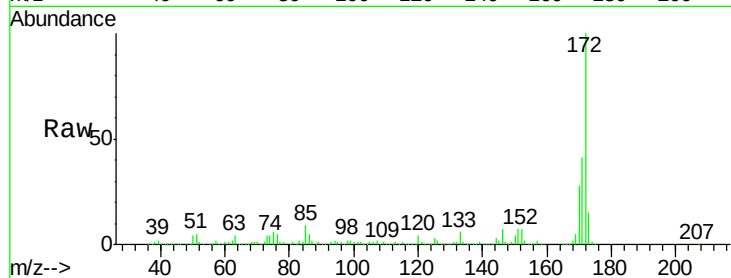




#44
 2-Fluorobiphenyl
 Concen: 81.75 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF084396.D
 Acq: 11 Jan 2016 23:21

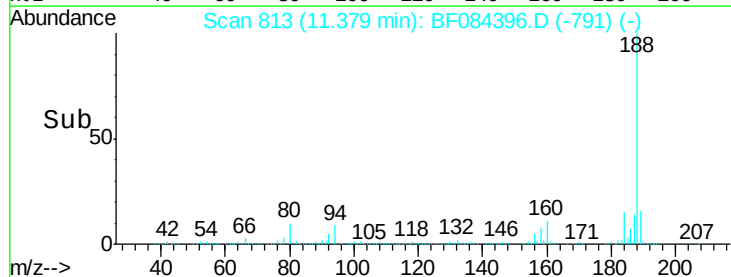
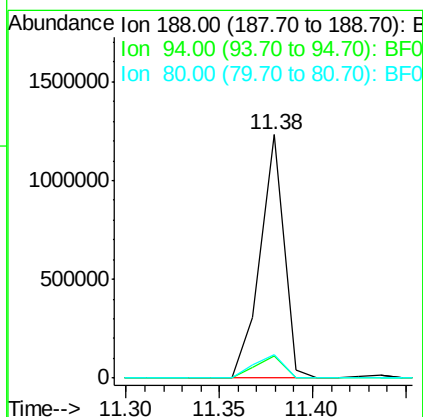
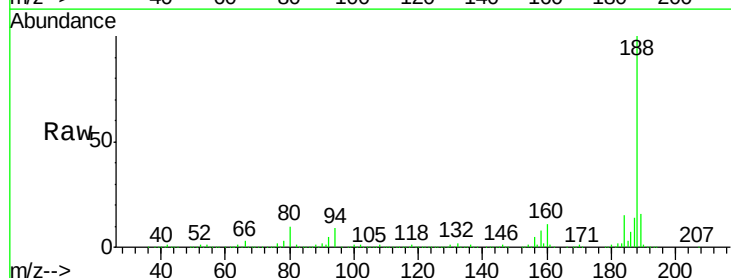
Instrument :
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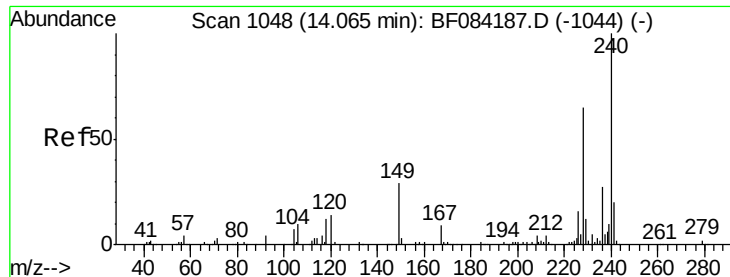
Tgt Ion:172 Resp: 3094784
 Ion Ratio Lower Upper
 172 100
 171 40.5 28.9 43.3
 170 27.7 18.6 27.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF084396.D
 Acq: 11 Jan 2016 23:21

Tgt Ion:188 Resp: 1093358
 Ion Ratio Lower Upper
 188 100
 94 9.2 9.0 13.4
 80 9.7 9.6 14.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084396.D

Acq: 11 Jan 2016 23:21

Instrument :

BNA_F

ClientSampleId :

HSR-WC-12-010516

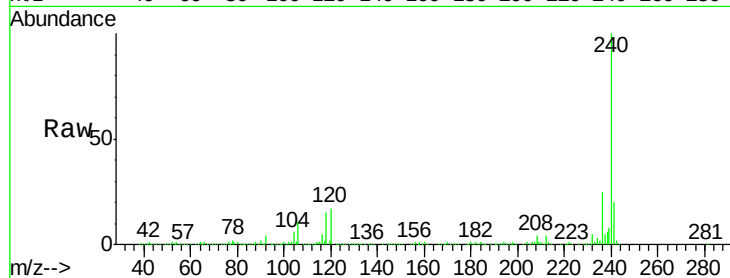
Tgt Ion:240 Resp: 679674

Ion Ratio Lower Upper

240 100

120 17.0 9.5 14.3#

236 25.2 20.6 31.0



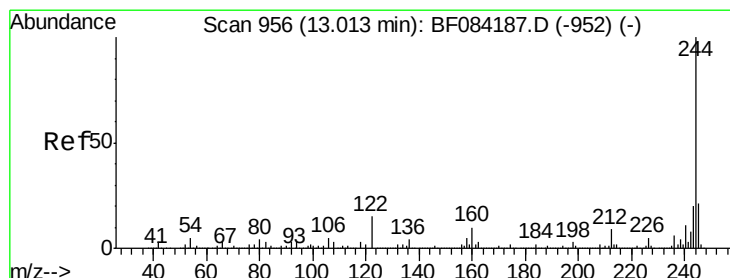
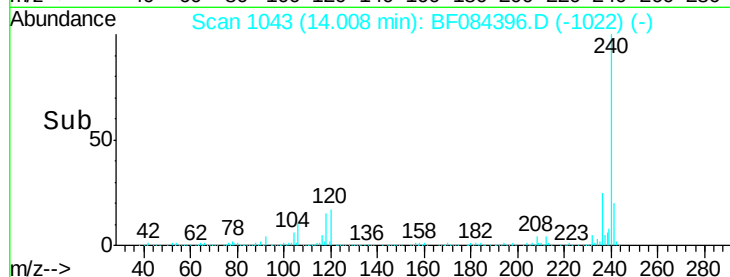
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.01

Time--> 13.90 14.00 14.10 14.20



#78

Terphenyl-d14

Concen: 87.59 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084396.D

Acq: 11 Jan 2016 23:21

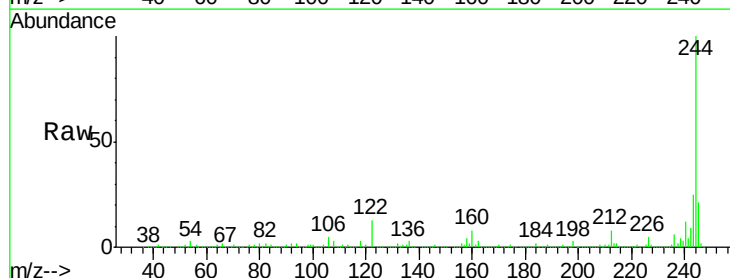
Tgt Ion:244 Resp: 2667075

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

122 13.0 7.4 11.0#



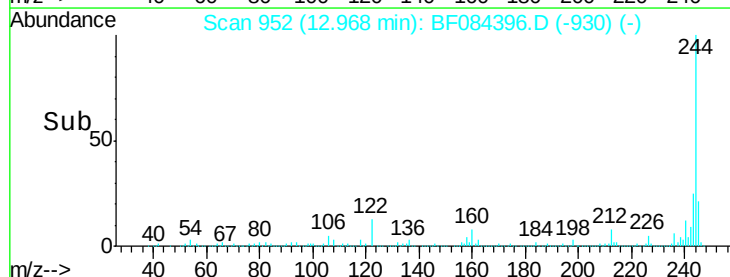
Abundance Ion 244.00 (243.70 to 244.70): E

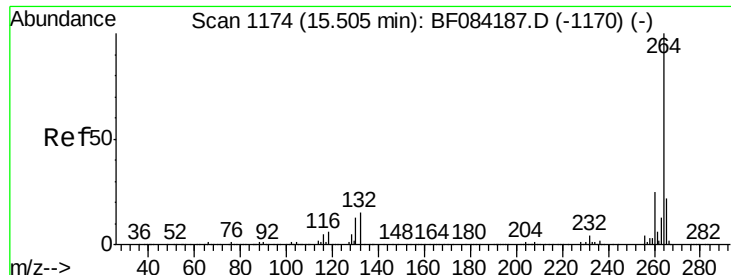
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.97

Time--> 12.80 13.00 13.20

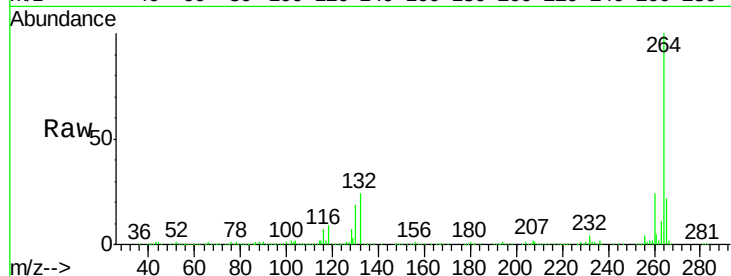




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF084396.D
Acq: 11 Jan 2016 23:21

Instrument :
BNA_F
ClientSampleId :
HSR-WC-12-010516

Tgt Ion: 264 Resp: 570321
Ion Ratio Lower Upper
264 100
260 23.5 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

