

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
 Data File : BF084564.D
 Acq On : 20 Jan 2016 12:23
 Operator : SJ/UM
 Sample : H1178-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A5-2

Manual Integrations
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mohammad
 1/21/2016 12:19:41 PM

Quant Time: Jan 21 01:24:38 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	6.78	152	178055	20.00	ng	-0.05
21) Naphthalene-d8	8.08	136	483017	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	245701	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	425648	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	459537	20.00	ng	-0.05
86) Perylene-d12	15.35	264	309310	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1343187	122.02	ng	-0.06
7) Phenol-d6	6.43	99	1851488	133.92	ng	-0.05
23) Nitrobenzene-d5	7.36	82	1236985	142.53	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	319499	128.80	ng	-0.02
44) 2-Fluorobiphenyl	9.16	172	1331822	96.19	ng	-0.03
78) Terphenyl-d14	12.91	244	1197837	58.18	ng	-0.03
Target Compounds						
37) 2-Methylnaphthalene	8.80	142	177335	11.27	ng	# 76
49) Dimethylphthalate	9.56	163	493578	28.10	ng	95
70) Phenanthrene	11.36	178	246950m	11.09	ng	
77) Pyrene	12.76	202	219790	6.09	ng	# 92
83) Bis(2-ethylhexyl)phthalate	13.94	149	85104	4.32	ng	# 96

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

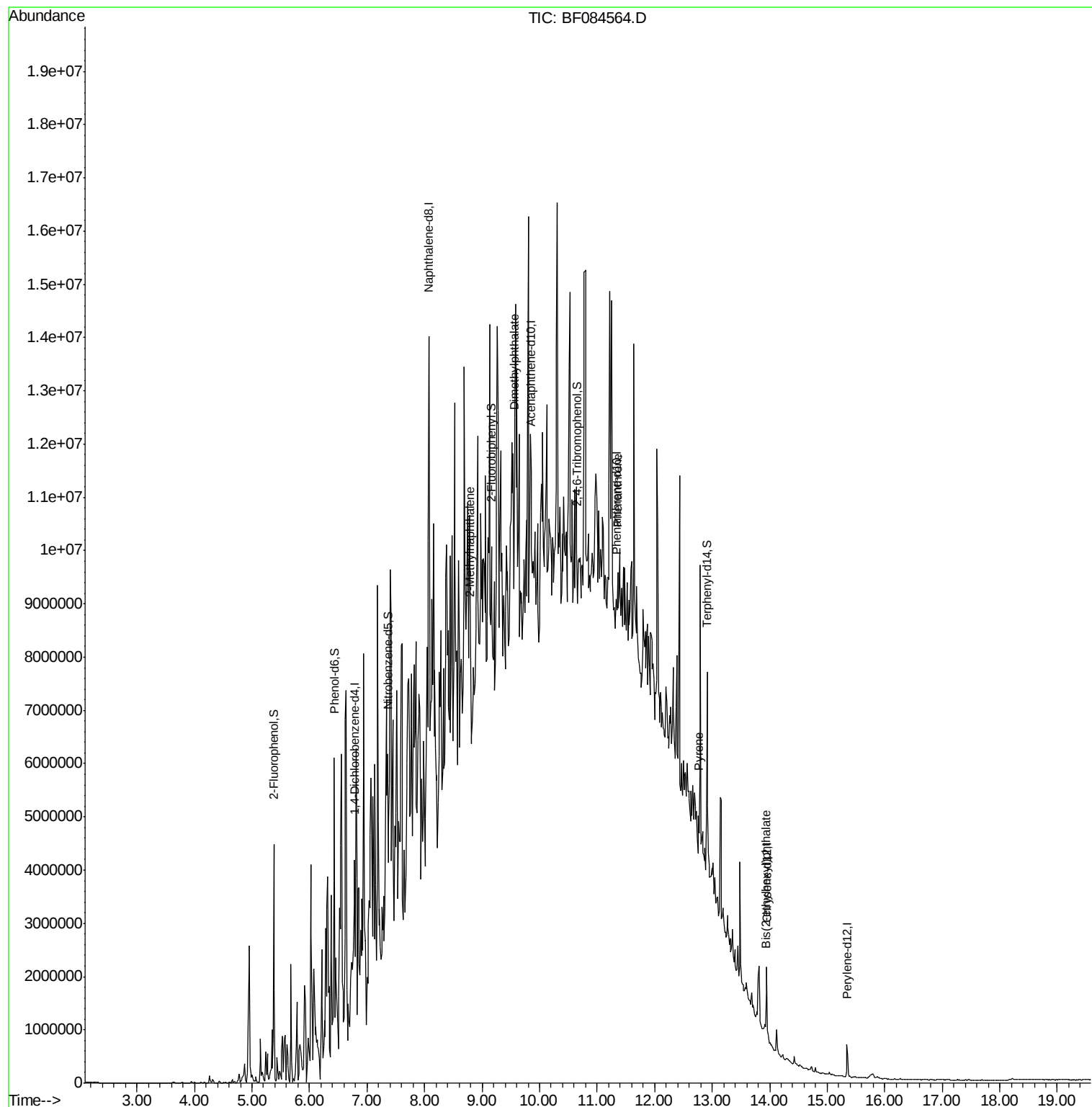
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
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A5-2

Manual Integrations
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1/21/2016 12:19:41 PM

Quant Time: Jan 21 01:24:38 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





#1

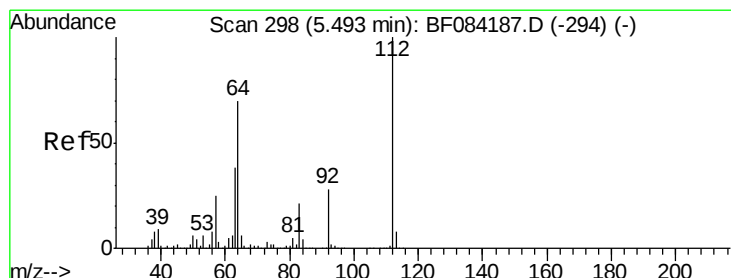
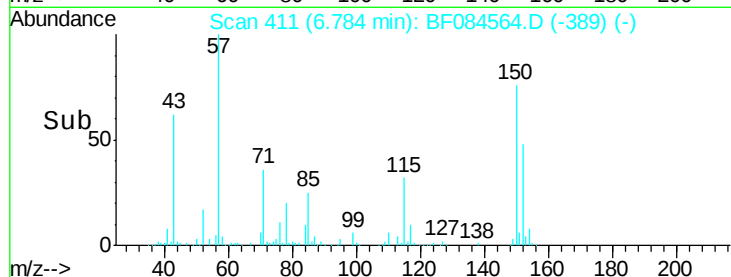
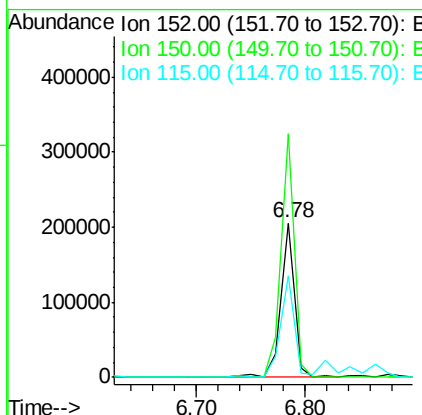
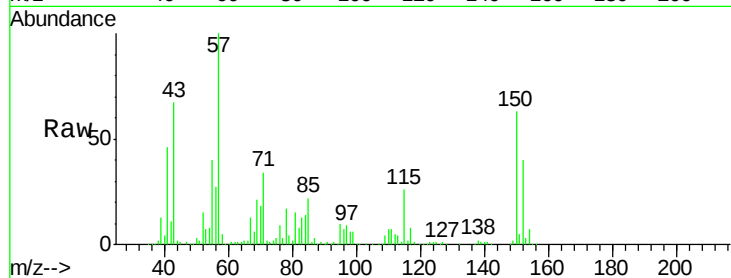
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.05 min
Lab File: BF084564.D
Acq: 20 Jan 2016 12:23

Instrument :
BNA_F
ClientSampled :
A5-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.0	184.4
115	65.9	51.4	77.2

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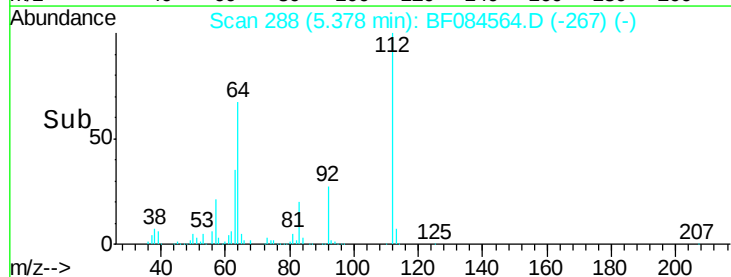
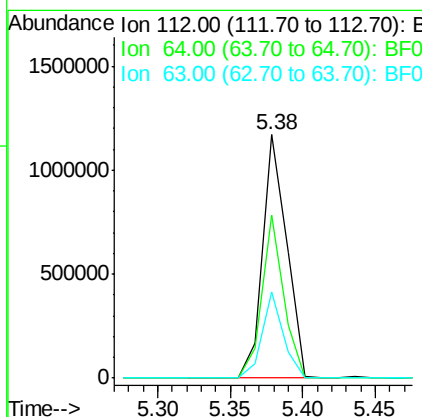
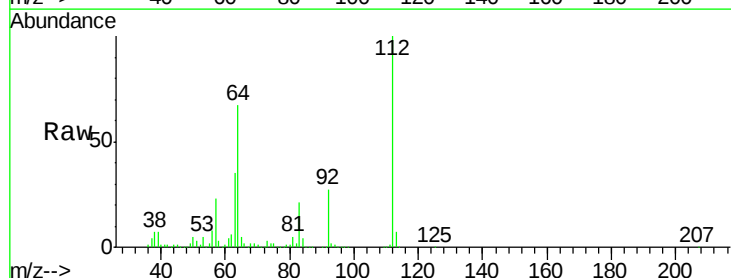
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#5

2-Fluorophenol
Concen: 122.02 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.06 min
Lab File: BF084564.D
Acq: 20 Jan 2016 12:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	36.6	55.0#
63	35.4	19.4	29.0#





#7

Phenol-d6

Concen: 133.92 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF084564.D

Acq: 20 Jan 2016 12:23

Instrument :

BNA_F

ClientSampleId :

A5-2

Tot Ion: 99 Resp: 1851488

Ion Ratio Lower Upper

99 100

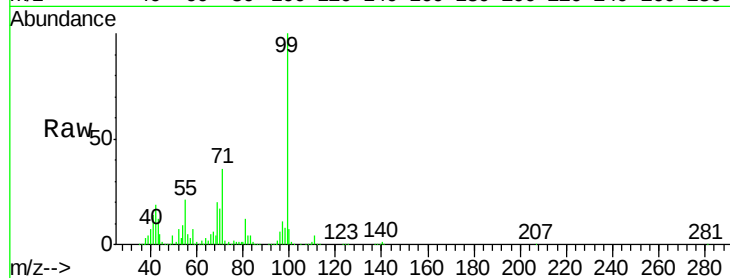
42 19.3 12.8 19.2#

71 36.0 30.9 46.3

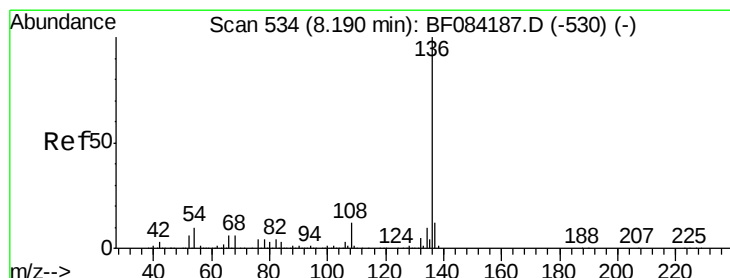
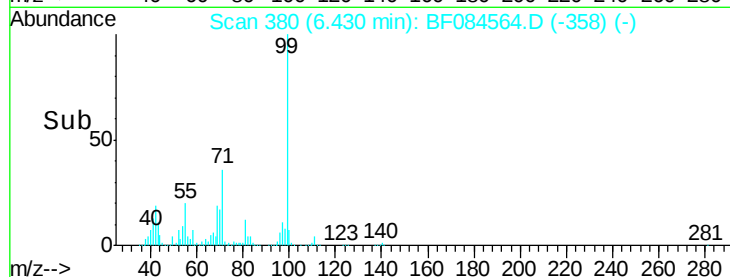
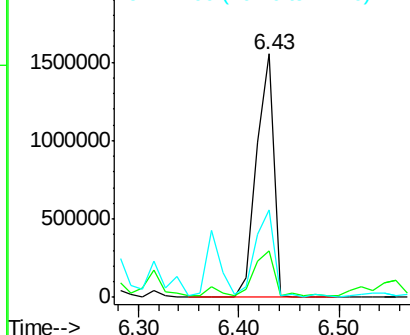
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.05 min

Lab File: BF084564.D

Acq: 20 Jan 2016 12:23

Tgt Ion: 136 Resp: 483017

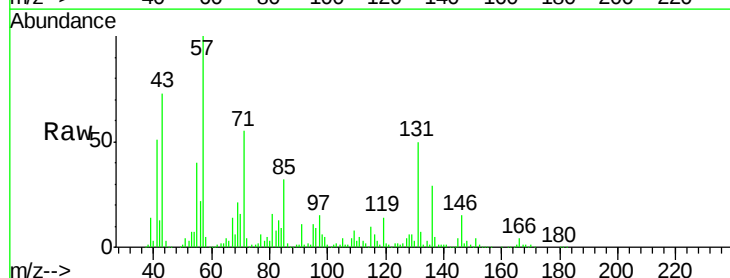
Ion Ratio Lower Upper

136 100

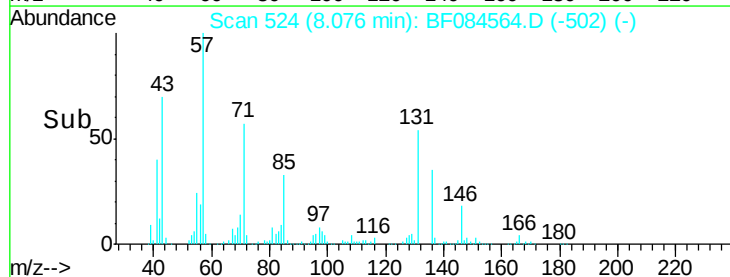
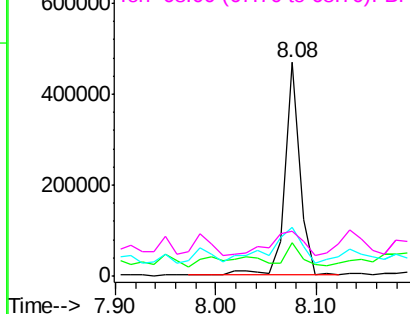
137 15.8 8.7 13.1#

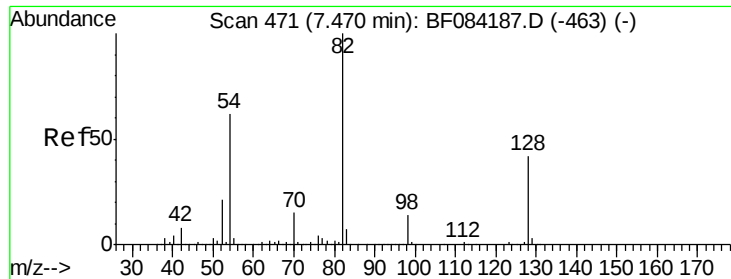
54 23.0 5.8 8.8#

68 21.0 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





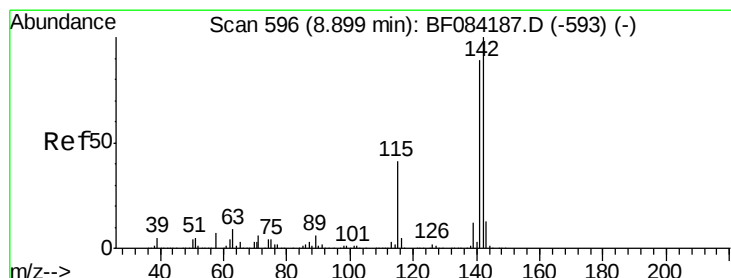
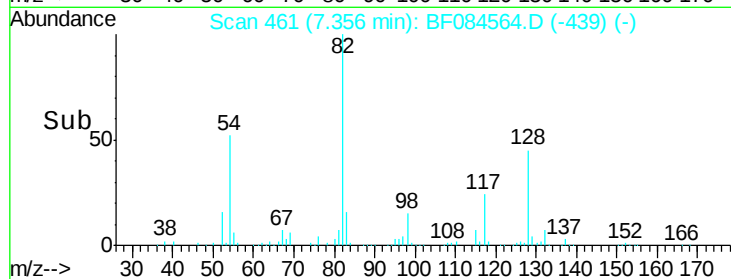
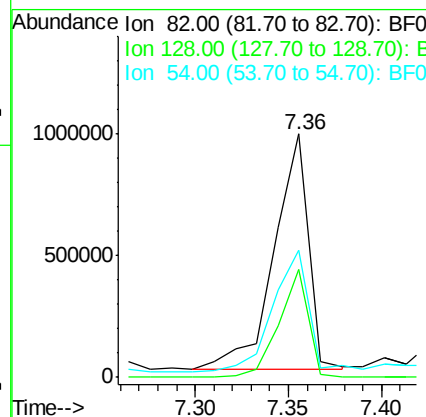
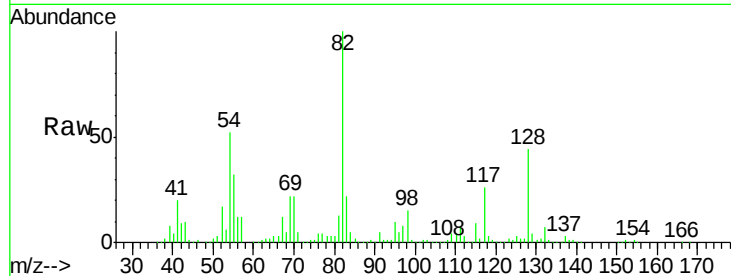
#23
 Nitrobenzene-d5
 Concen: 142.53 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.05 min
 Lab File: BF084564.D
 Acq: 20 Jan 2016 12:23

Instrument :
 BNA_F
 ClientSampled :
 A5-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	52.0	38.4	57.6

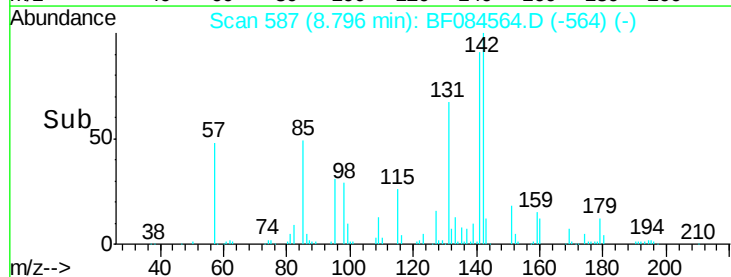
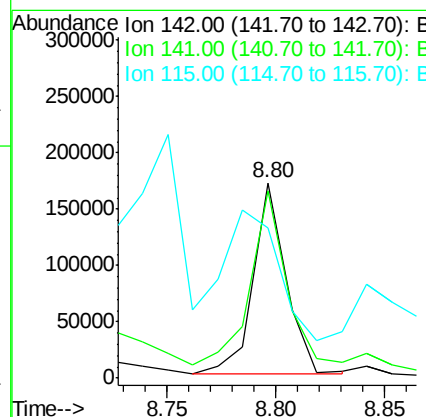
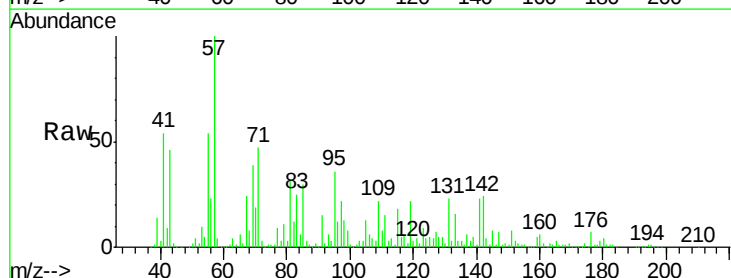
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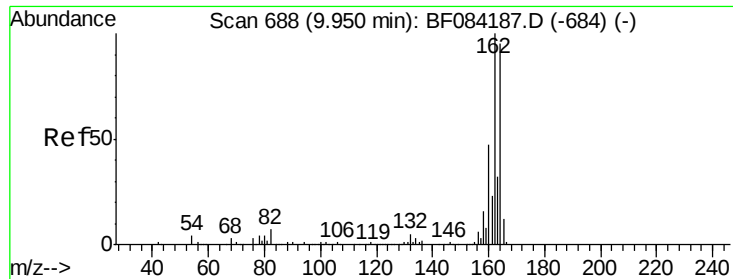
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#37
 2-Methylnaphthalene
 Concen: 11.27 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.03 min
 Lab File: BF084564.D
 Acq: 20 Jan 2016 12:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	72.4	108.6
115	77.1	27.9	41.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF084564.D

Acq: 20 Jan 2016 12:23

Instrument :

BNA_F

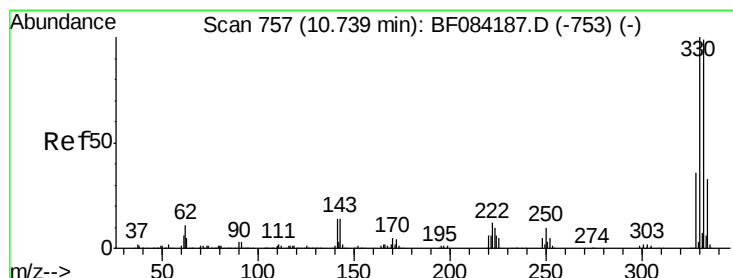
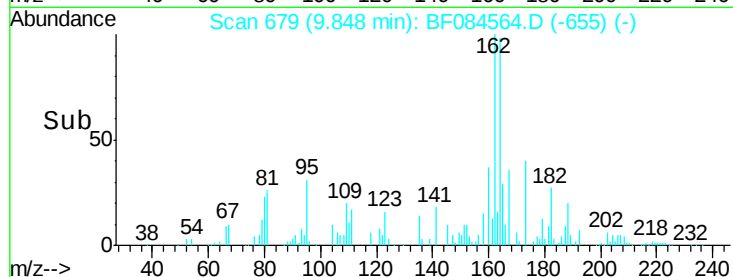
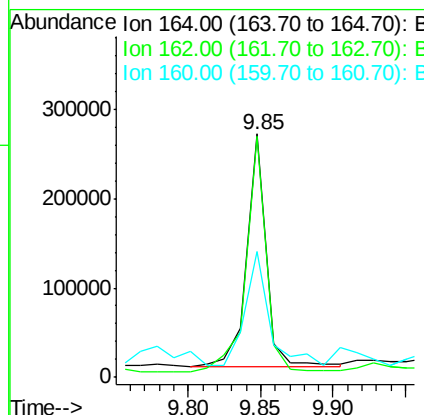
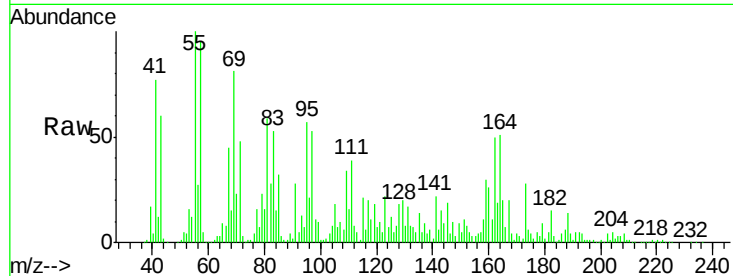
ClientSampleId :

A5-2

Tot Ion:	164	Resp:	245701
Ion Ratio	Lower	Upper	
164	100		
162	98.9	85.1	127.7
160	51.9	37.5	56.3

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#41

2,4,6-Tribromophenol

Concen: 128.80 ng

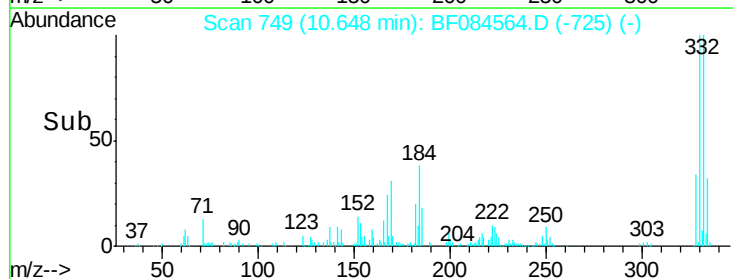
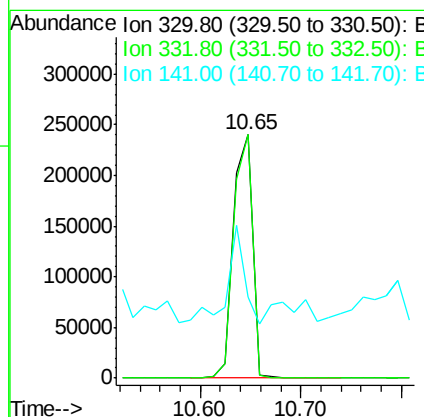
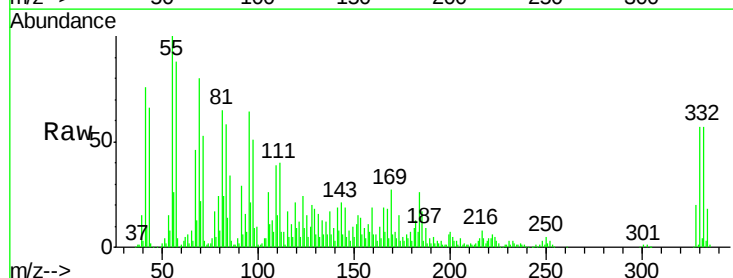
RT: 10.65 min Scan# 749

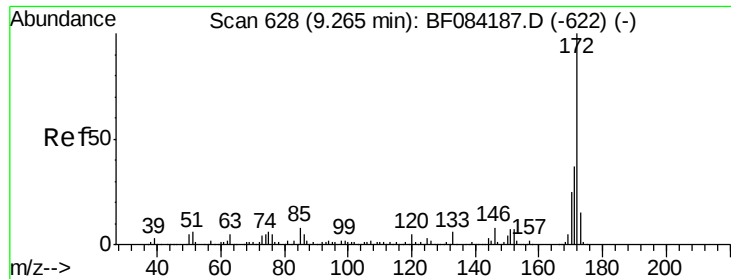
Delta R.T. -0.02 min

Lab File: BF084564.D

Acq: 20 Jan 2016 12:23

Tgt Ion:	330	Resp:	319499
Ion Ratio	Lower	Upper	
330	100		
332	98.4	76.6	114.8
141	35.6	27.8	41.6





#44

2-Fluorobiphenyl

Concen: 96.19 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.03 min

Lab File: BF084564.D

Acq: 20 Jan 2016 12:23

Instrument :

BNA_F

ClientSampleId :

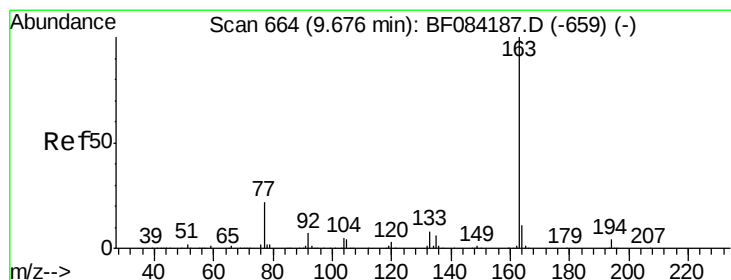
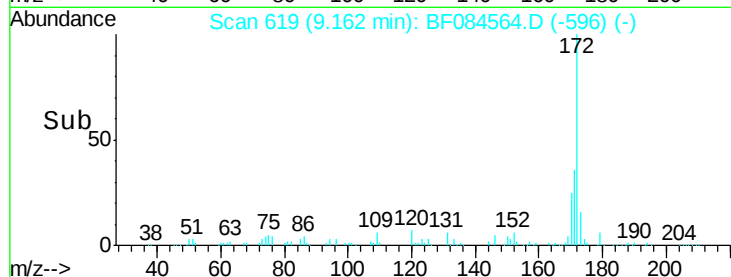
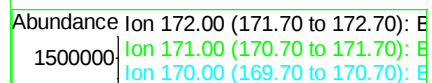
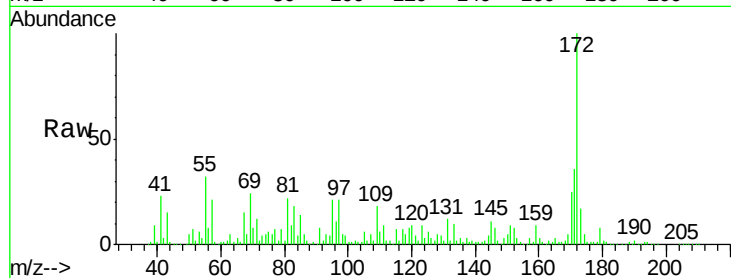
A5-2

Tot Ion:172 Resp: 1331822

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.6	18.6	27.8

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#49

Dimethylphthalate

Concen: 28.10 ng

RT: 9.56 min Scan# 654

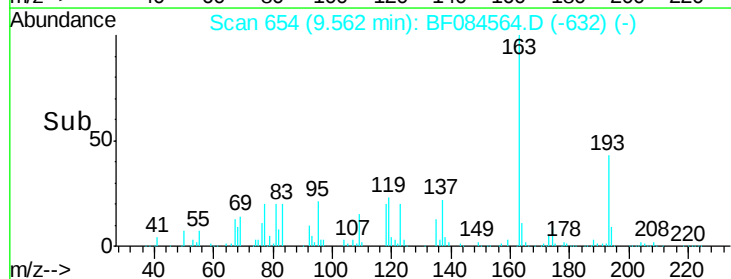
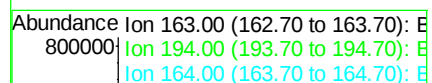
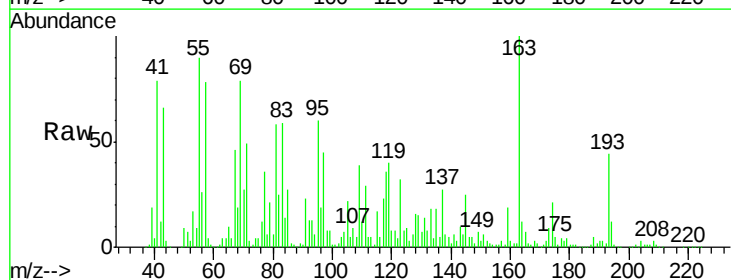
Delta R.T. -0.05 min

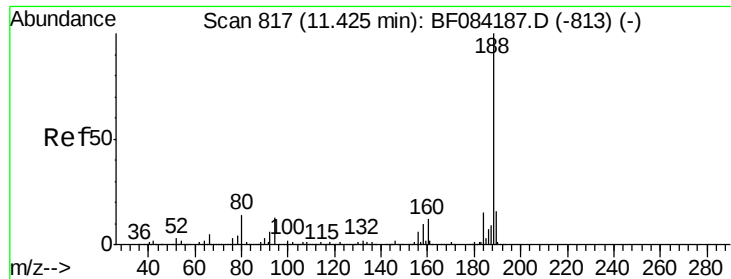
Lab File: BF084564.D

Acq: 20 Jan 2016 12:23

Tgt Ion:163 Resp: 493578

Ion	Ratio	Lower	Upper
163	100		
194	11.5	8.0	12.0
164	12.0	8.0	12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF084564.D

Acq: 20 Jan 2016 12:23

Instrument :

BNA_F

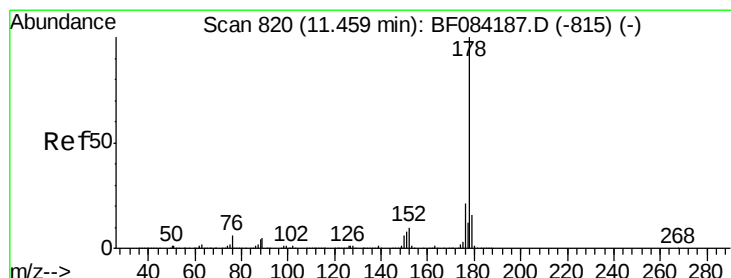
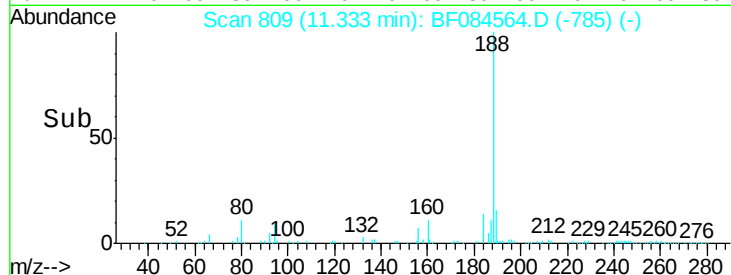
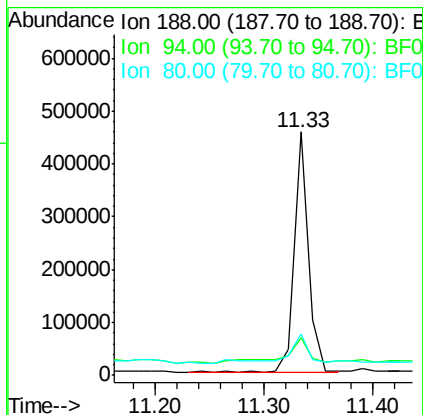
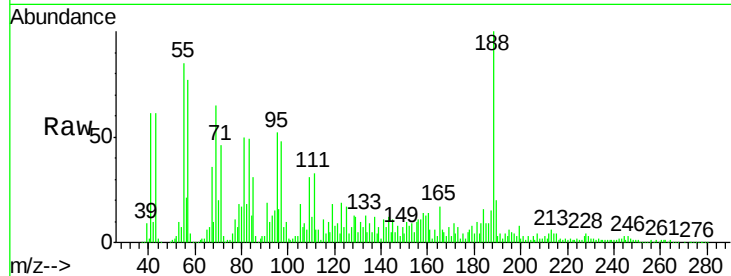
ClientSampleId :

A5-2

Tot Ion:	188	Resp:	425648
Ion Ratio	Lower	Upper	
188	100		
94	15.4	9.0	13.4#
80	17.2	9.6	14.4#

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#70

Phenanthrene

Concen: 11.09 ng m

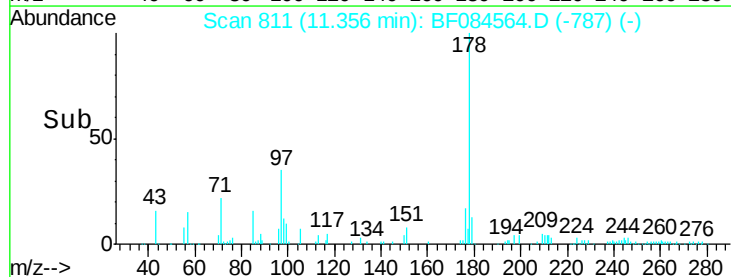
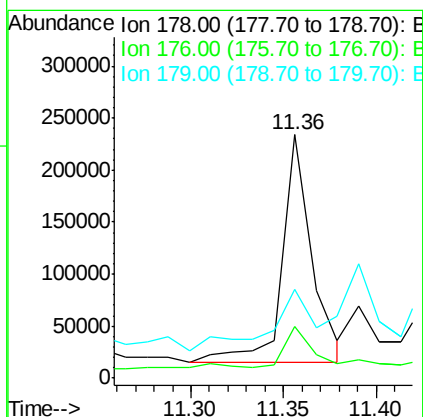
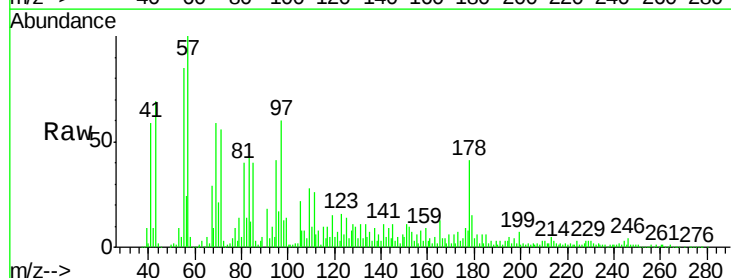
RT: 11.36 min Scan# 811

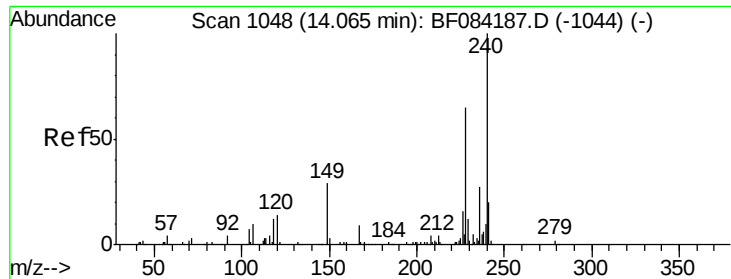
Delta R.T. -0.02 min

Lab File: BF084564.D

Acq: 20 Jan 2016 12:23

Tgt Ion:	178	Resp:	246950
Ion Ratio	Lower	Upper	
178	100		
176	21.1	15.3	22.9
179	36.3	12.0	18.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF084564.D

Acq: 20 Jan 2016 12:23

Instrument :

BNA_F

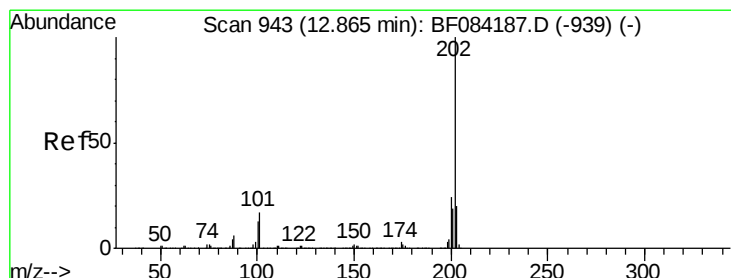
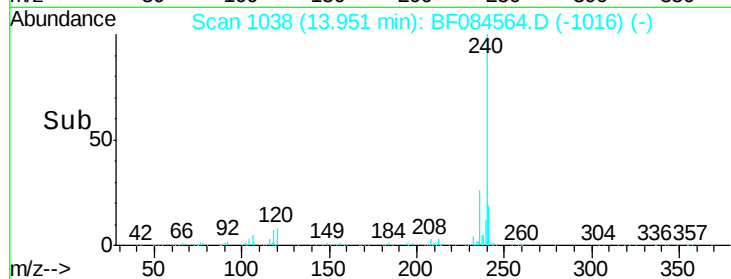
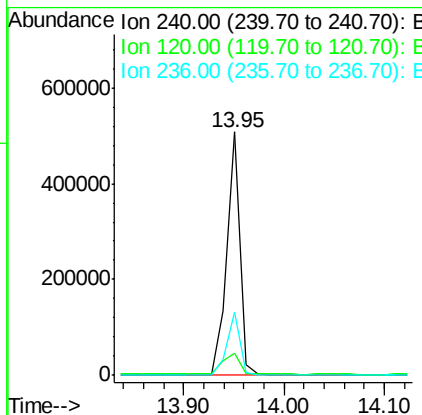
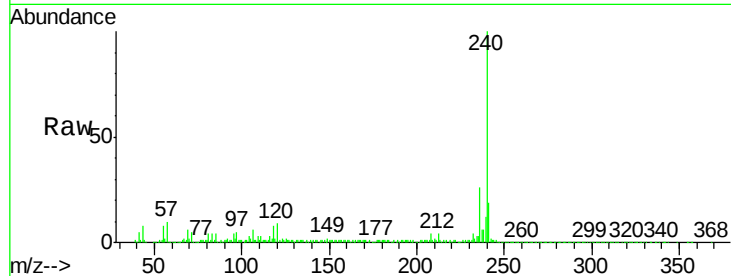
ClientSampleId :

A5-2

Tot Ion:	240	Resp:	459537
Ion Ratio	Lower	Upper	
240	100		
120	9.0	9.5	14.3#
236	26.2	20.6	31.0

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#77

Pyrene

Concen: 6.09 ng

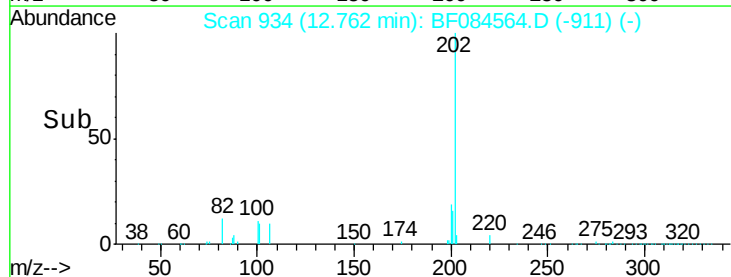
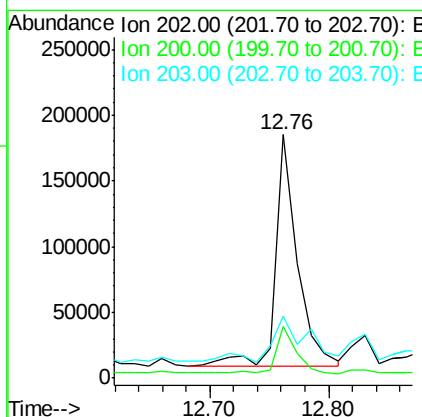
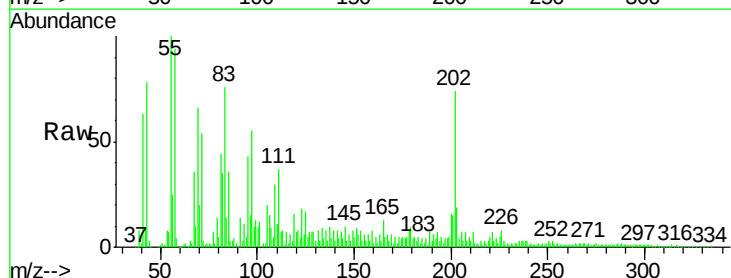
RT: 12.76 min Scan# 934

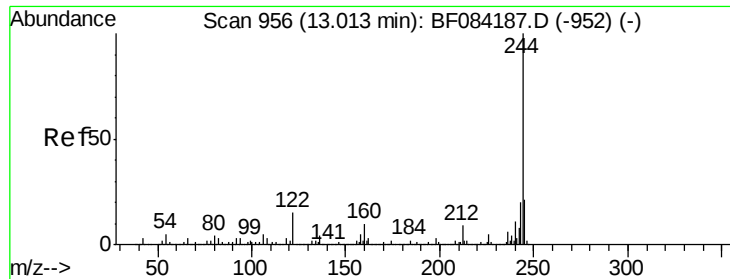
Delta R.T. -0.03 min

Lab File: BF084564.D

Acq: 20 Jan 2016 12:23

Tgt Ion:	202	Resp:	219790
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.2	25.8
203	25.4	14.3	21.5#





#78

Terphenyl-d14

Concen: 58.18 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF084564.D

Acq: 20 Jan 2016 12:23

Instrument :

BNA_F

ClientSampleId :

A5-2

Tot Ion:244 Resp: 1197837

Ion Ratio Lower Upper

244 100

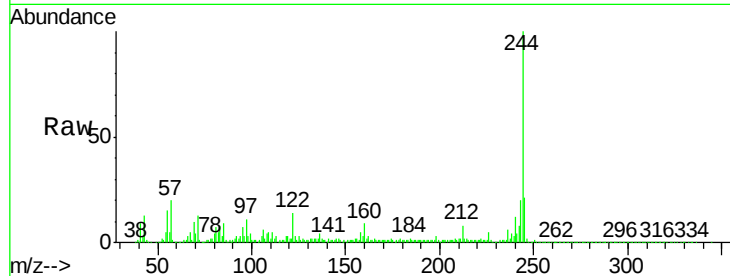
212 7.9 5.7 8.5

122 13.6 7.4 11.0#

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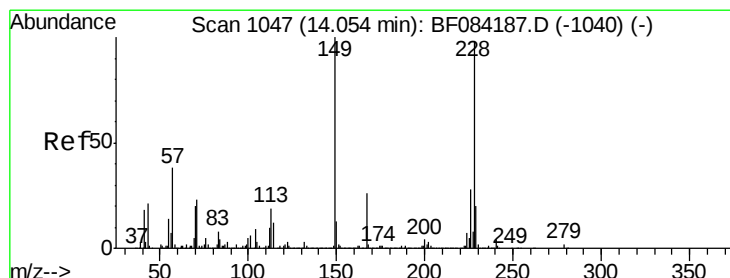
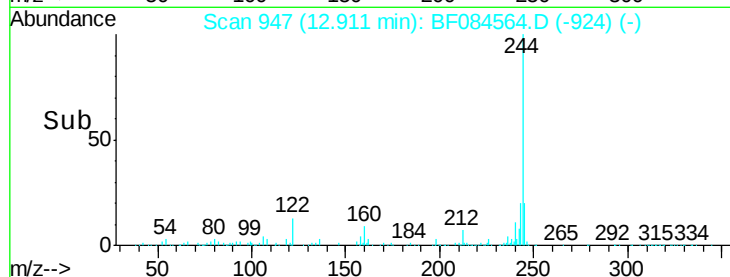
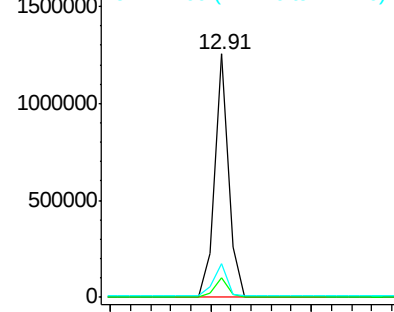
1/21/2016 12:19:41 PM



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.32 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF084564.D

Acq: 20 Jan 2016 12:23

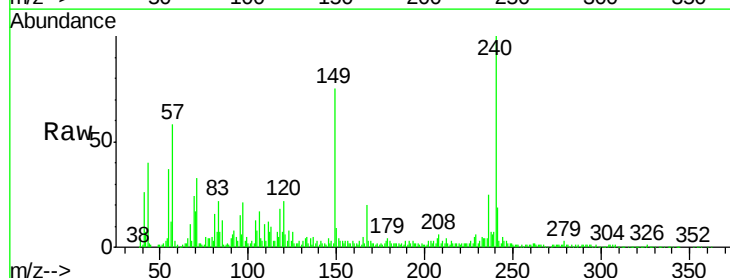
Tgt Ion:149 Resp: 85104

Ion Ratio Lower Upper

149 100

167 26.7 19.7 29.5

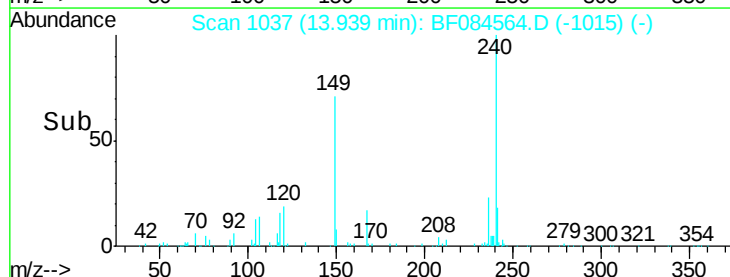
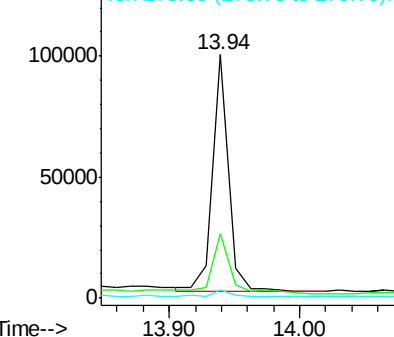
279 3.4 1.8 2.6#

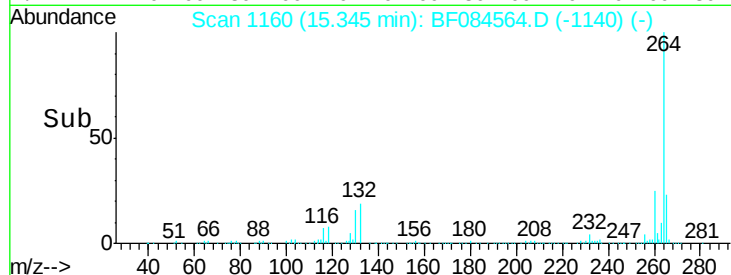
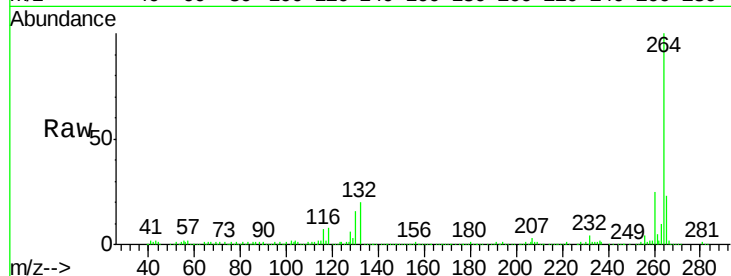
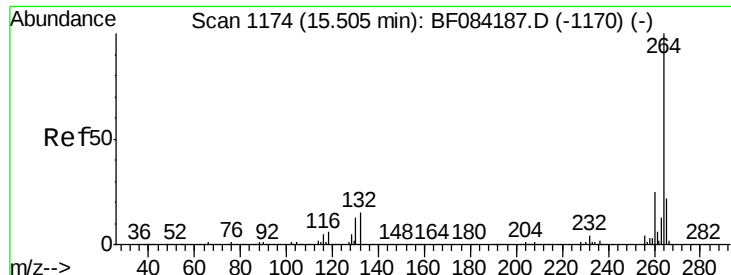


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF084564.D
Acq: 20 Jan 2016 12:23

Tot Ion:	264	Resp:	309310
Ion Ratio	Lower	Upper	
264	100		
260	25.3	19.4	29.2
265	22.8	17.8	26.6

Instrument :
BNA_F
ClientSampleId :
A5-2

Manual Integrations
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1/21/2016 12:19:41 PM

