

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081416.D
 Acq On : 4 Sep 2015 12:01
 Operator : UM/IZ
 Sample : G3481-01RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-21(0-2)RE

Manual Integrations
 APPROVED

MMDadoda
 9/4/2015 2:52:28 PM

Quant Time: Sep 04 13:37:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	53375	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	199589	20.00	ng	-0.02
38) Acenaphthene-d10	9.40	164	80377	20.00	ng	-0.01
63) Phenanthrene-d10	10.88	188	136547	20.00	ng	0.00
75) Chrysene-d12	13.47	240	99436	20.00	ng	-0.02
86) Perylene-d12	14.78	264	90970	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	538485	156.53	ng	0.00
7) Phenol-d6	6.04	99	698434	153.38	ng	-0.01
23) Nitrobenzene-d5	6.95	82	438576	106.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.20	330	139270	194.60	ng	0.00
44) 2-Fluorobiphenyl	8.75	172	847739	135.16	ng	-0.01
78) Terphenyl-d14	12.47	244	550254	128.82	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.54	79	110397m	29.55	ng	Qvalue
49) Dimethylphthalate	9.15	163	113036	18.10	ng	# 97
77) Pyrene	12.30	202	29583	4.02	ng	# 88
83) Bis(2-ethylhexyl)phthalate	13.51	149	21315	5.04	ng	# 95

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

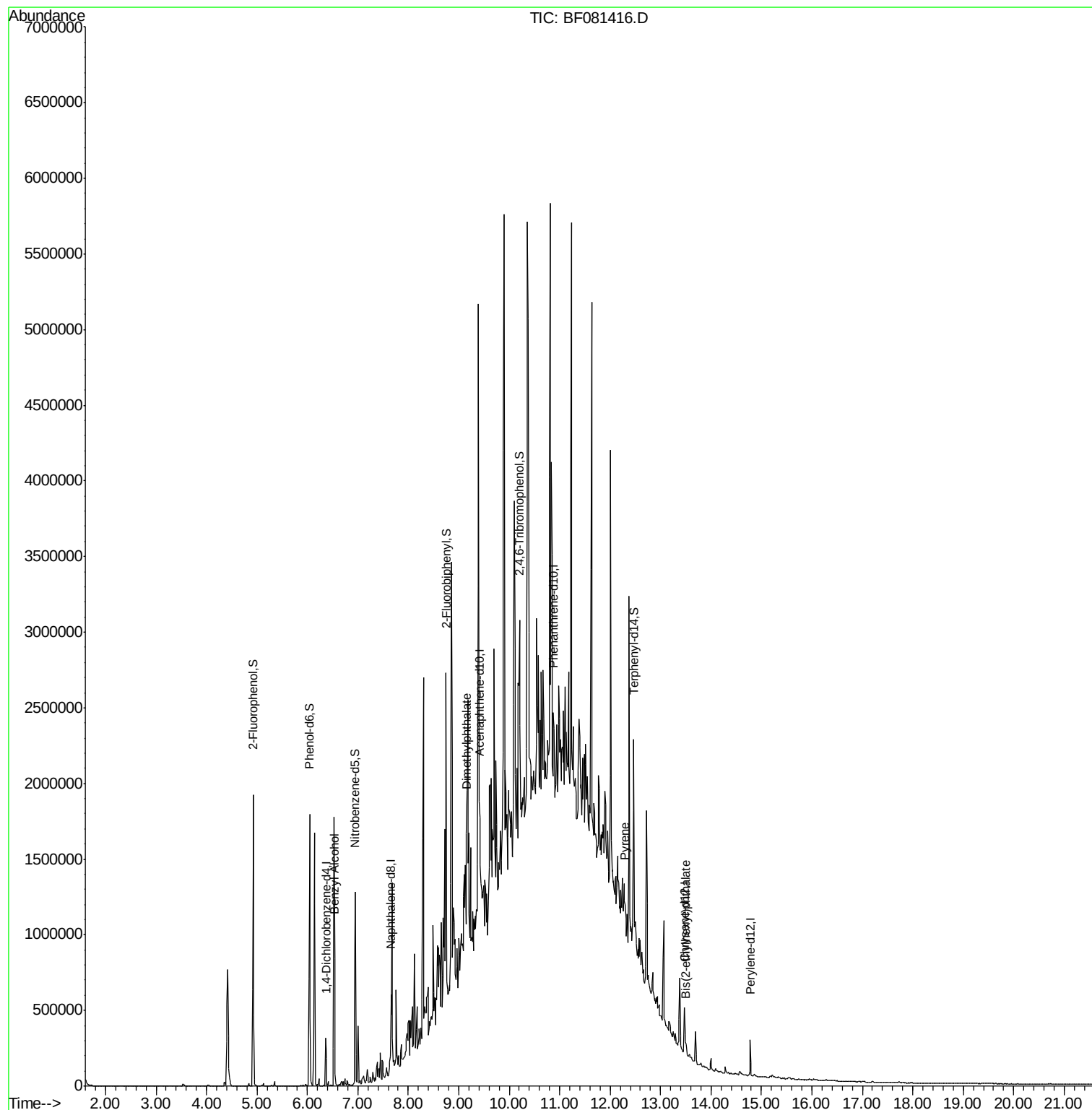
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081416.D
Acq On : 4 Sep 2015 12:01
Operator : UM/IZ
Sample : G3481-01RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

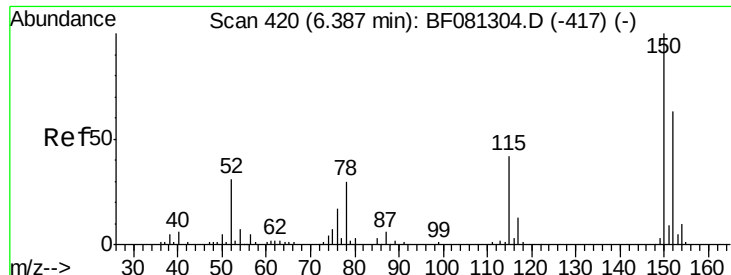
Instrument :
BNA_F
ClientSampleId :
COFF-2-21(0-2)RE

Manual Integrations
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#1

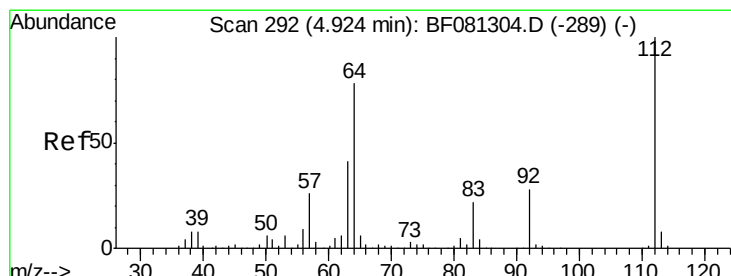
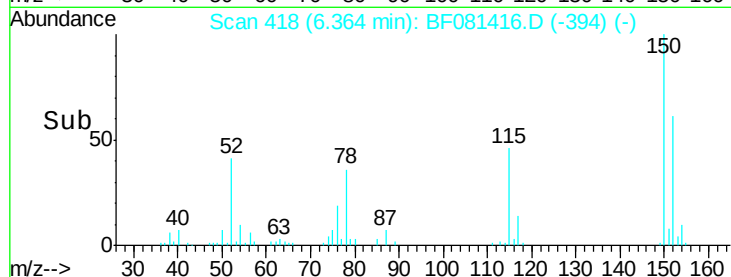
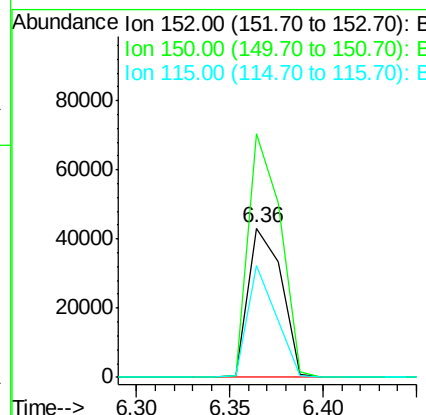
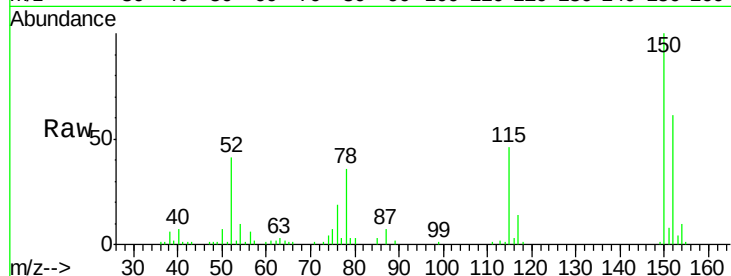
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081416.D
Acq: 4 Sep 2015 12:01

Instrument :
BNA_F
ClientSampleId :
COFF-2-21(0-2)RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.9	124.7	187.1
115	74.8	39.0	58.4#

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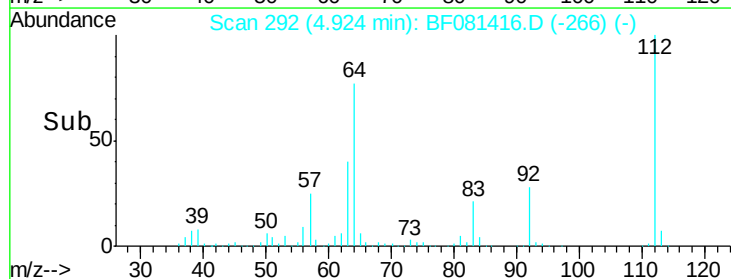
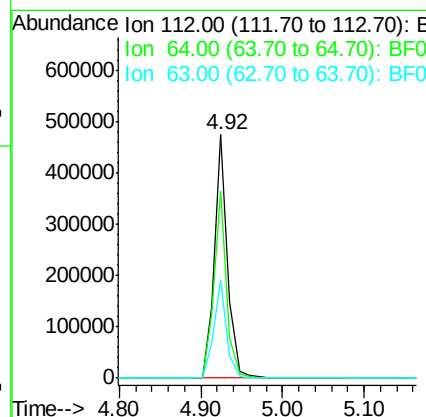
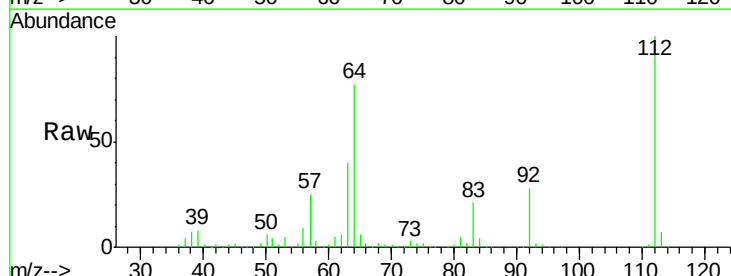
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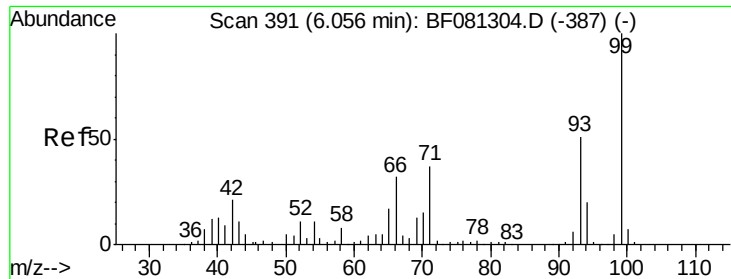


#5

2-Fluorophenol
Concen: 156.53 ng
RT: 4.92 min Scan# 292
Delta R.T. 0.00 min
Lab File: BF081416.D
Acq: 4 Sep 2015 12:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.9	39.7	59.5#
63	40.3	17.4	26.0#





#7

Phenol-d6

Concen: 153.38 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

Instrument :

BNA_F

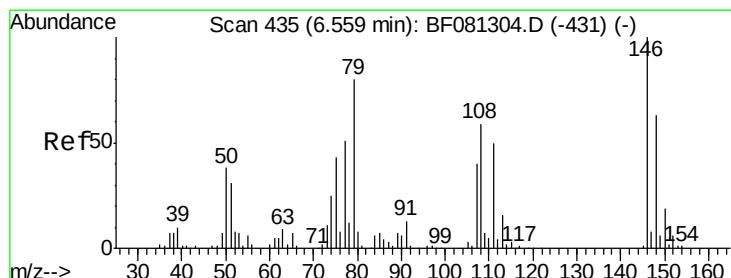
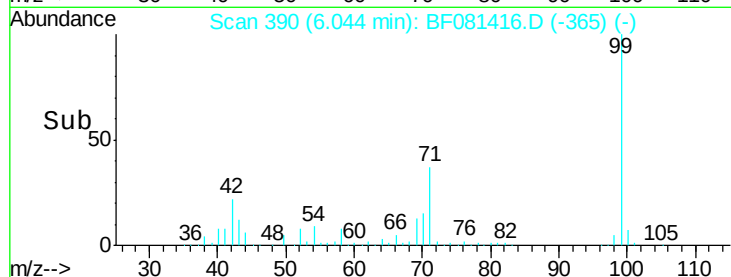
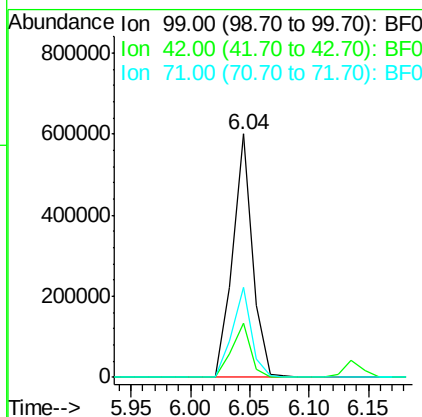
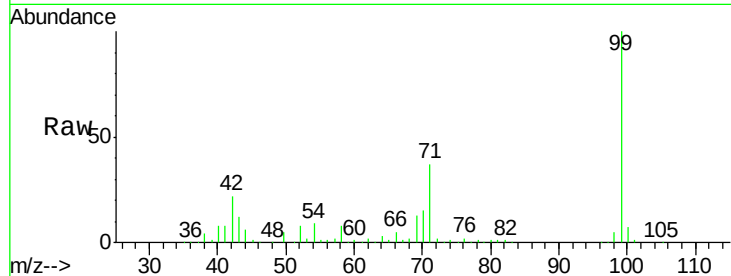
ClientSampleId :

COFF-2-21(0-2)RE

Tot Ion:	99	Resp:	698434
Ion Ratio	Lower	Upper	
99	100		
42	22.2	13.7	20.5#
71	37.0	14.2	21.2#

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#15

Benzyl Alcohol

Concen: 29.55 ng m

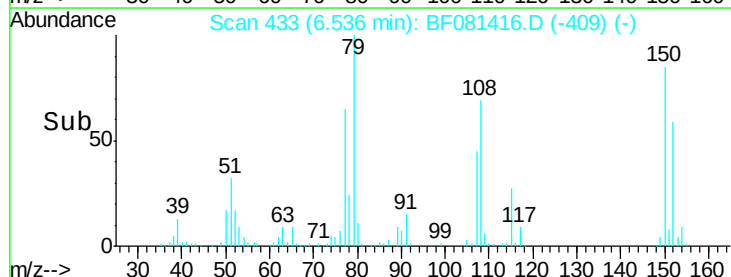
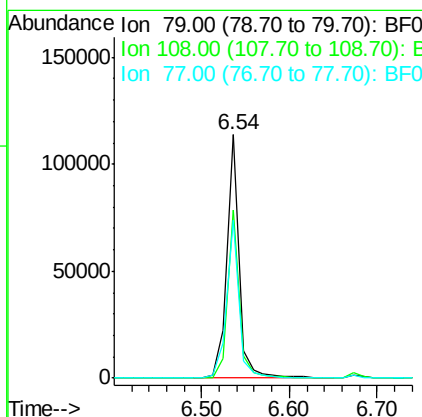
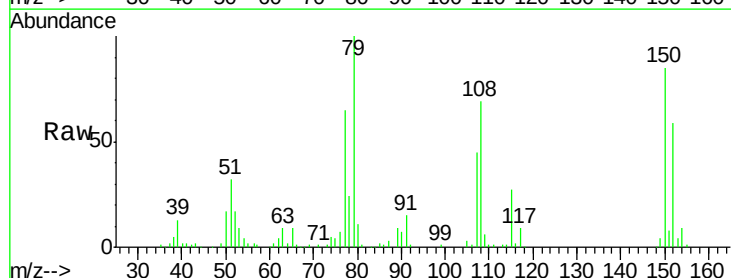
RT: 6.54 min Scan# 433

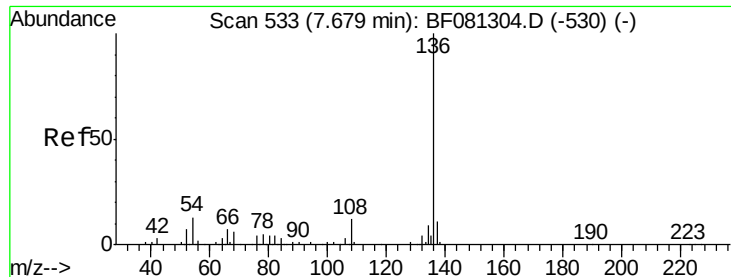
Delta R.T. -0.02 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

Tgt Ion:	79	Resp:	110397
Ion Ratio	Lower	Upper	
79	100		
108	69.2	88.6	132.8#
77	64.9	47.0	70.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF081416.D

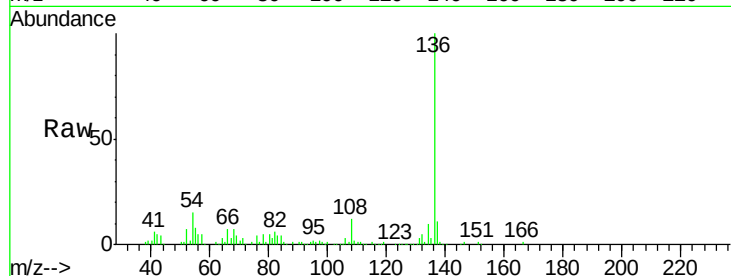
Acq: 4 Sep 2015 12:01

Instrument :

BNA_F

ClientSampleId :

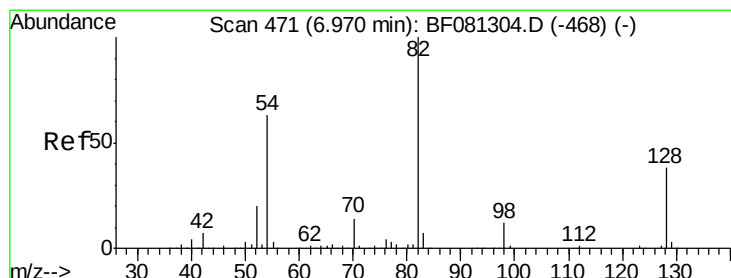
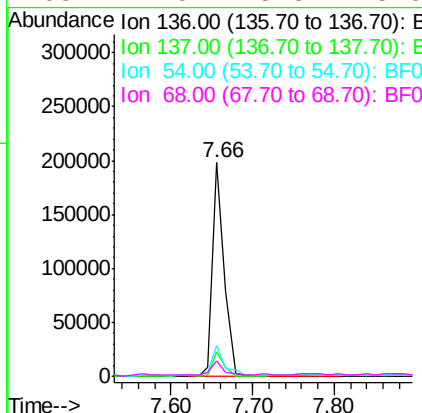
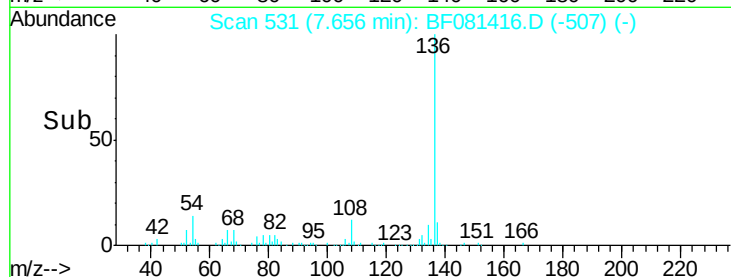
COFF-2-21(0-2)RE



Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		199589		
137	11.5	9.0	13.6		
54	14.6	8.2	12.2		
68	7.0	5.8	8.6		

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#23

Nitrobenzene-d5

Concen: 106.02 ng

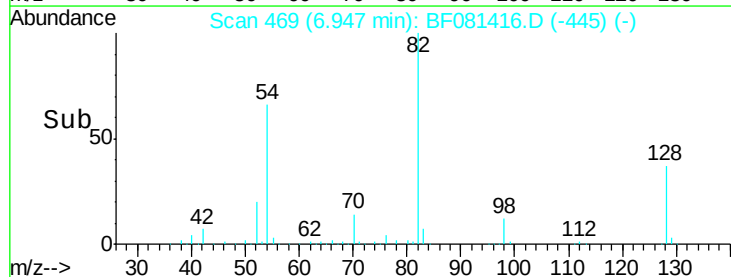
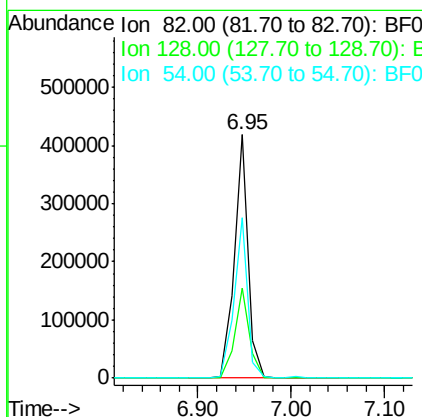
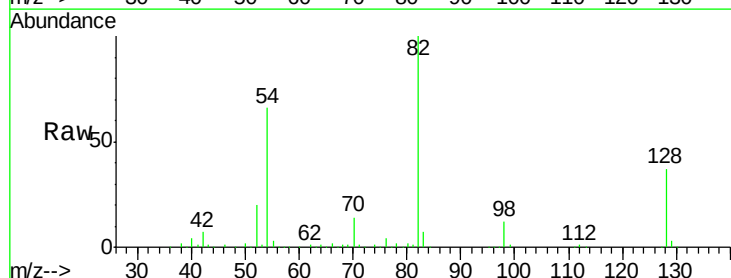
RT: 6.95 min Scan# 469

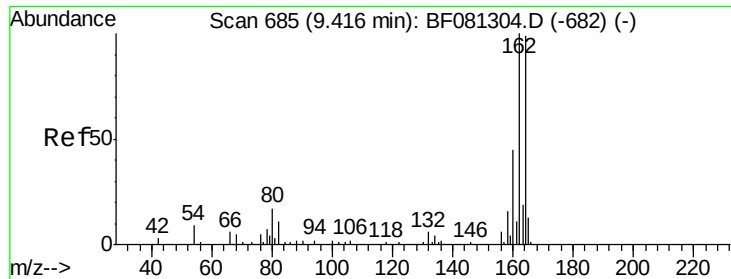
Delta R.T. -0.02 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		438576		
128	37.2	51.0	76.6		
54	66.0	47.5	71.3		





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF081416.D

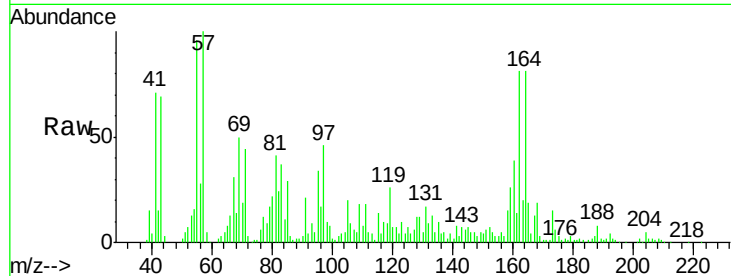
Acq: 4 Sep 2015 12:01

Instrument :

BNA_F

ClientSampleId :

COFF-2-21(0-2)RE



Tot Ion:164 Resp: 80377

Ion Ratio Lower Upper

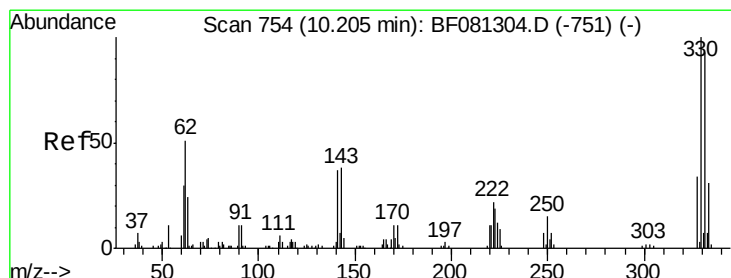
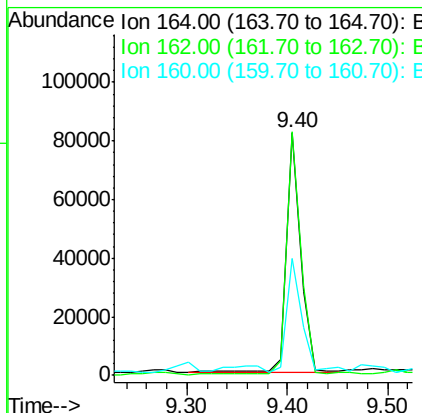
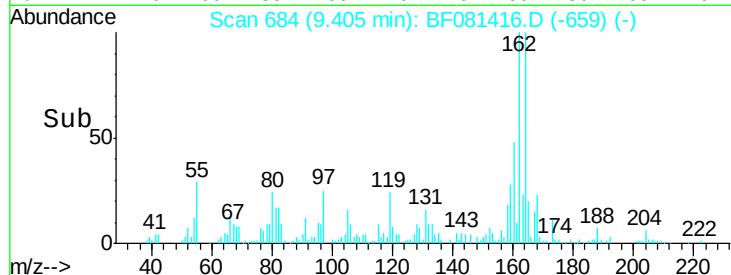
164 100

162 100.4 75.2 112.8

160 48.1 31.5 47.3#

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#41

2,4,6-Tribromophenol

Concen: 194.60 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

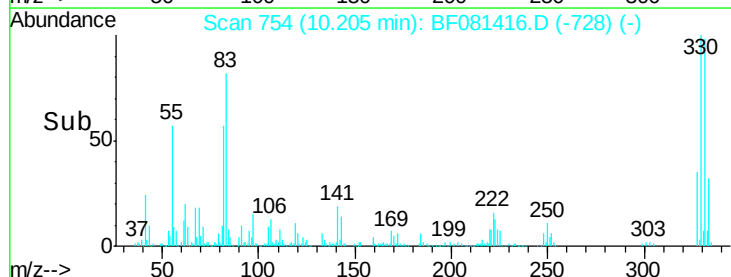
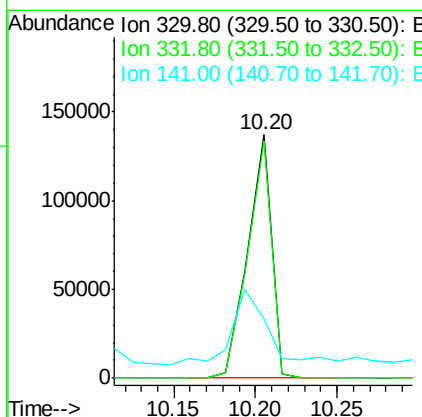
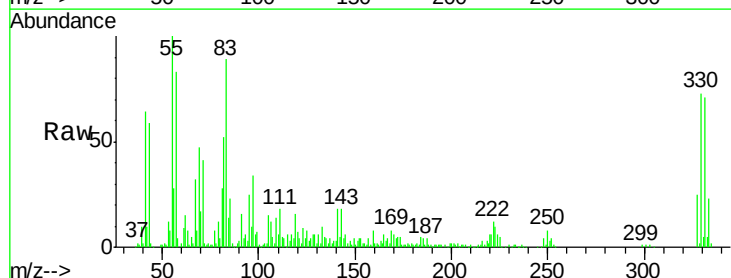
Tgt Ion:330 Resp: 139270

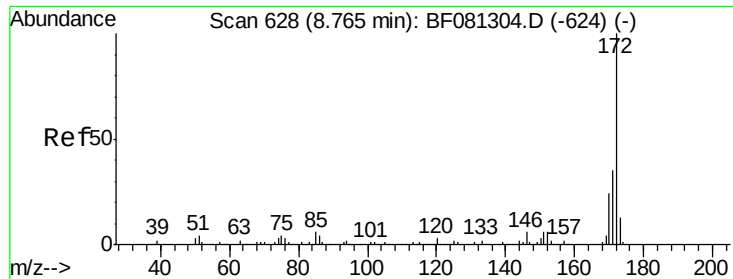
Ion Ratio Lower Upper

330 100

332 97.7 76.6 114.8

141 52.7 29.7 44.5#





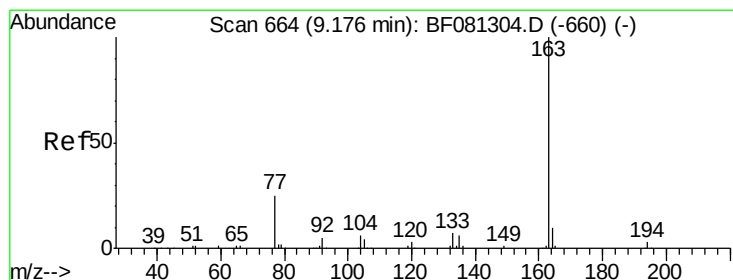
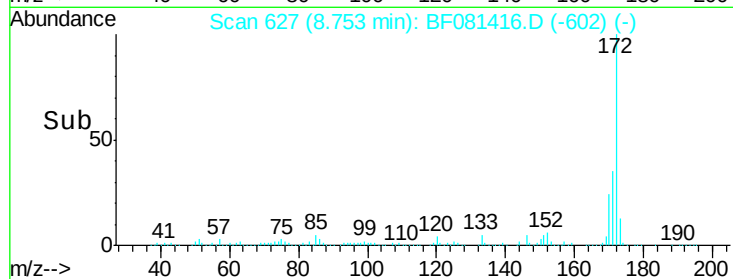
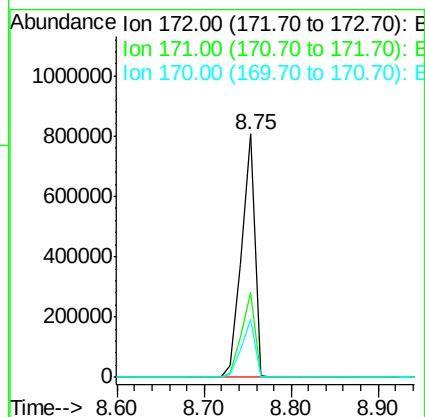
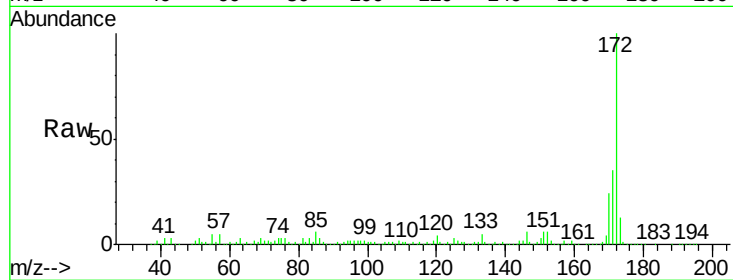
#44
2-Fluorobiphenyl
Concen: 135.16 ng
RT: 8.75 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF081416.D
Acq: 4 Sep 2015 12:01

Instrument :
BNA_F
ClientSampleId :
COFF-2-21(0-2)RE

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.1	39.1
170	23.9	17.4	26.2

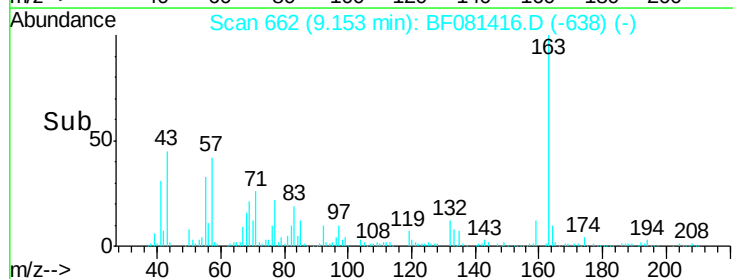
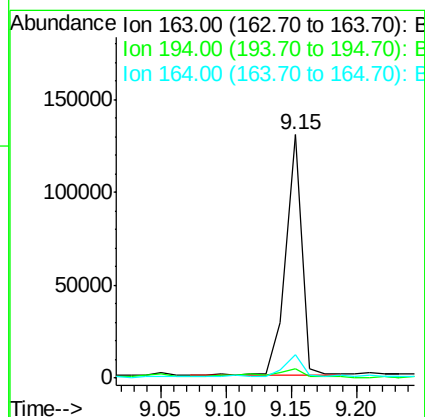
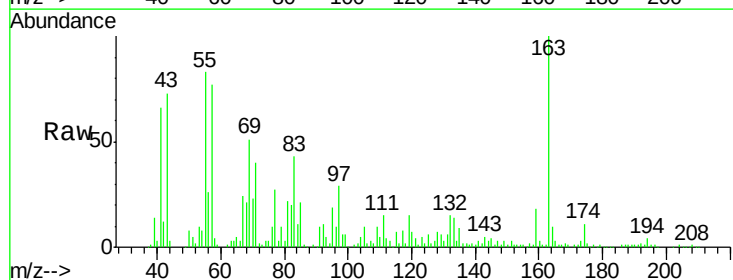
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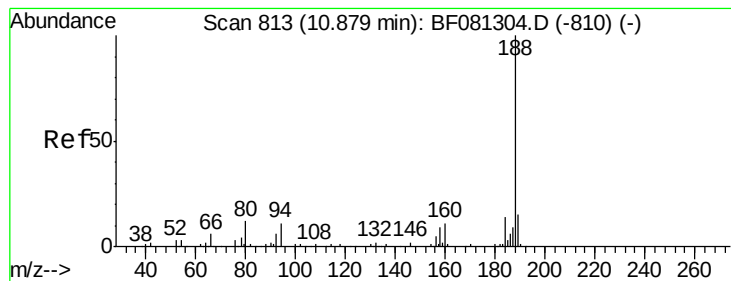
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#49
Dimethylphthalate
Concen: 18.10 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF081416.D
Acq: 4 Sep 2015 12:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	4.4	6.6#
164	9.9	8.3	12.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF081416.D

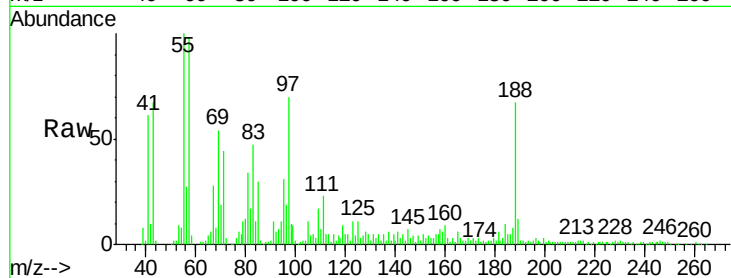
Acq: 4 Sep 2015 12:01

Instrument :

BNA_F

ClientSampleId :

COFF-2-21(0-2)RE



Tot Ion:188 Resp: 136547

Ion Ratio Lower Upper

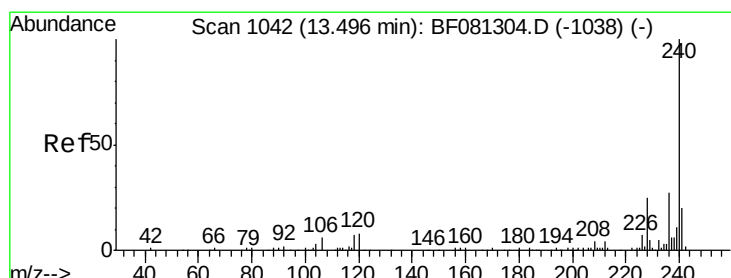
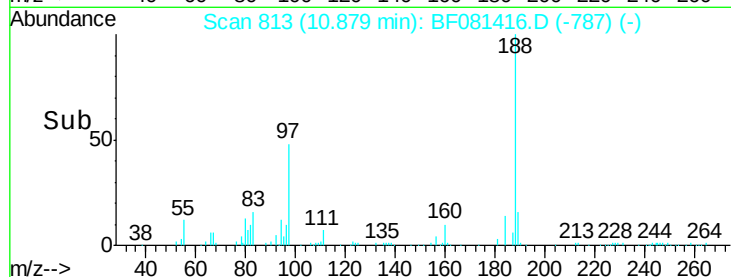
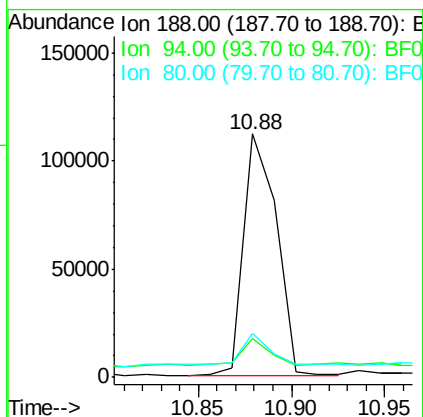
188 100

94 16.2 11.1 16.7

80 17.9 11.0 16.4#

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#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.47 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

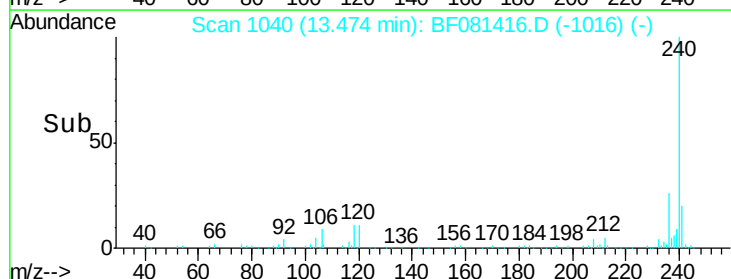
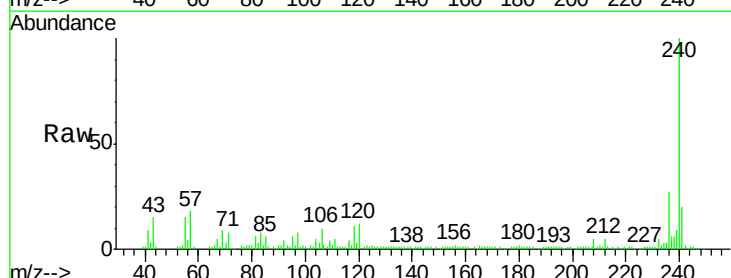
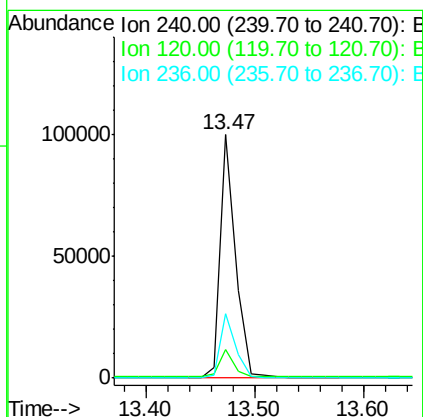
Tgt Ion:240 Resp: 99436

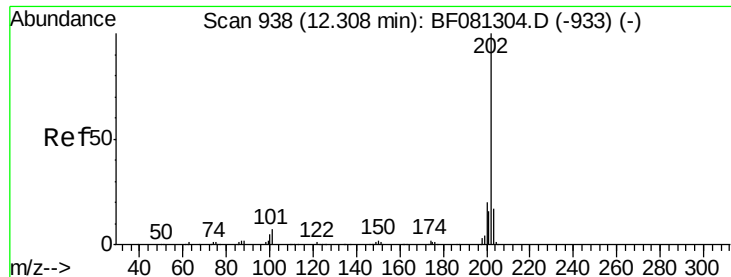
Ion Ratio Lower Upper

240 100

120 11.9 16.2 24.2#

236 26.6 18.4 27.6





#77

Pvrene

Concen: 4.02 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

Instrument :

BNA_F

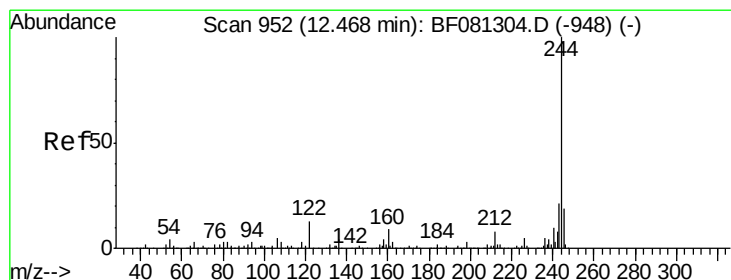
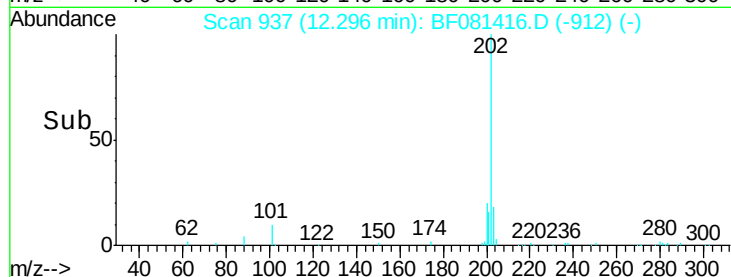
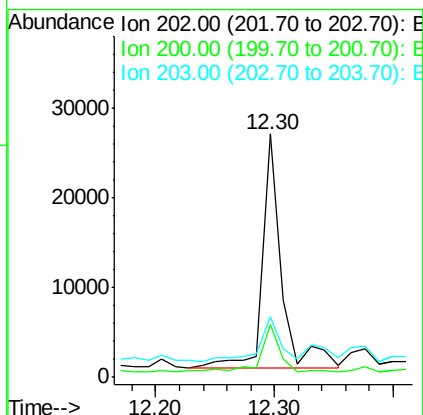
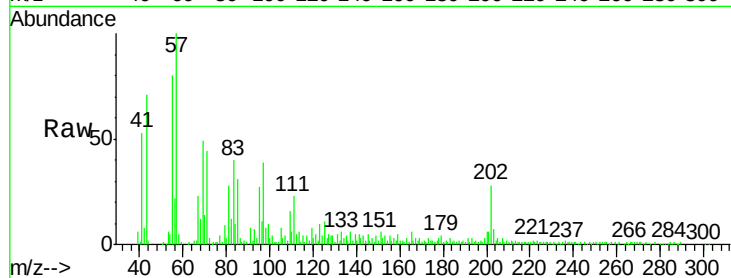
ClientSampleId :

COFF-2-21(0-2)RE

Tot Ion:	202	Resp:	29583
Ion Ratio	Lower	Upper	
202	100		
200	22.0	15.0	22.4
203	24.8	14.1	21.1#

Manual Integrations
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#78

Terphenyl-d14

Concen: 128.82 ng

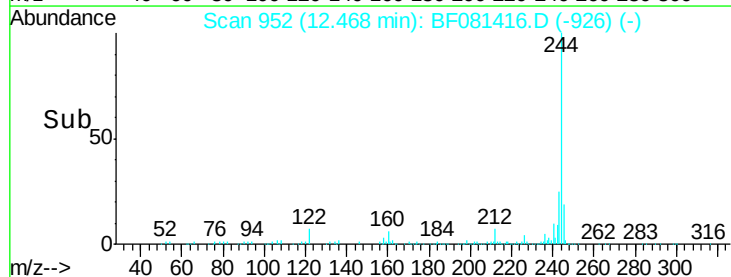
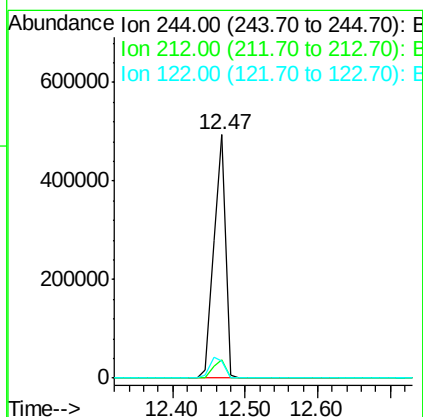
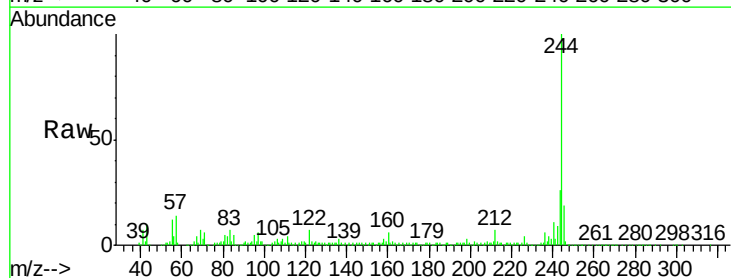
RT: 12.47 min Scan# 952

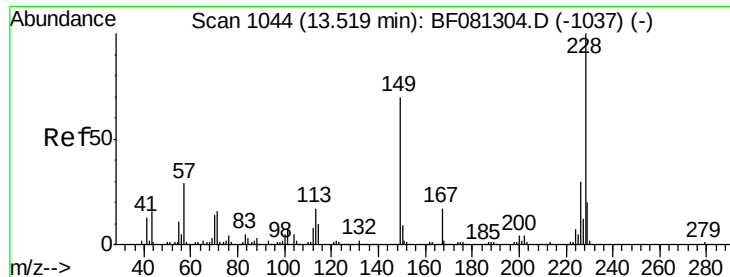
Delta R.T. 0.00 min

Lab File: BF081416.D

Acq: 4 Sep 2015 12:01

Tgt Ion:	244	Resp:	550254
Ion Ratio	Lower	Upper	
244	100		
212	7.4	4.3	6.5#
122	7.1	17.4	26.2#





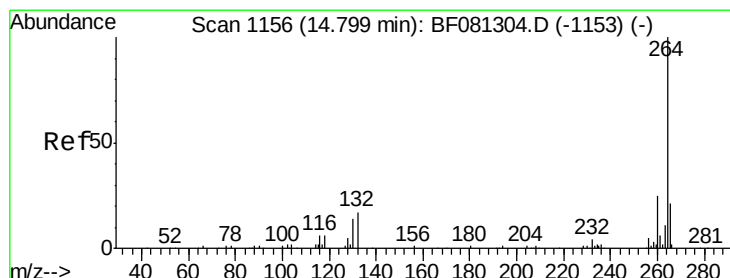
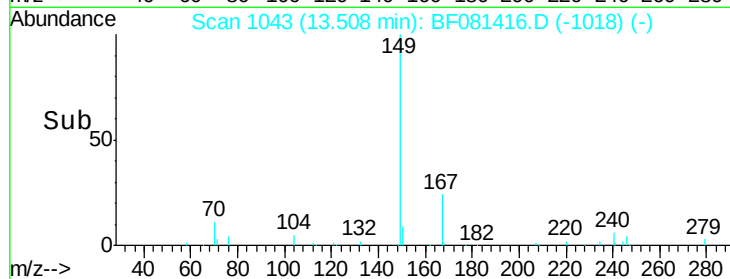
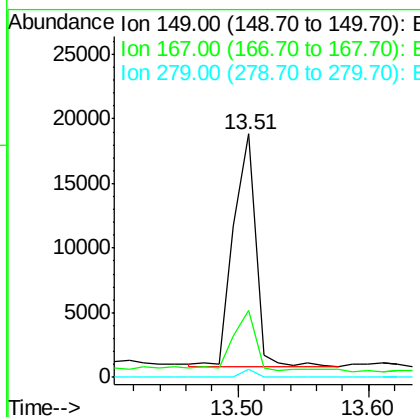
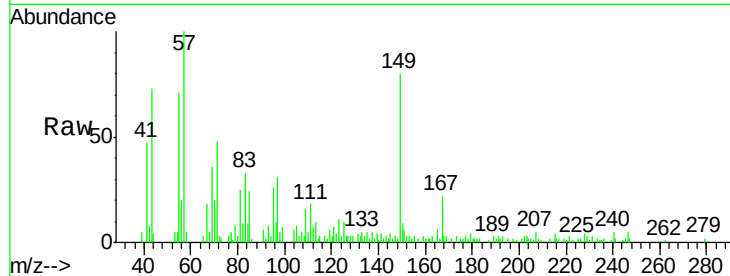
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.04 ng
 RT: 13.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF081416.D
 Acq: 4 Sep 2015 12:01

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-21(0-2)RE

Tot Ion	Ratio	Resp	Lower	Upper
149	100	21315		
167	27.4	24.2	36.2	
279	3.1	3.8	5.6	

Manual Integrations
 APPROVED

MMDadoda
 9/4/2015 2:52:28 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BF081416.D
 Acq: 4 Sep 2015 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	90970		
260	24.2	16.7	25.1	
265	20.4	17.2	25.8	

