

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
 Data File : BF081531.D
 Acq On : 8 Sep 2015 19:49
 Operator : UM/IZ
 Sample : G3419-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HX2

Manual Integrations
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MMDadoda
 9/9/2015 2:58:46 PM

Quant Time: Sep 09 06:04:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 15:49:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	56355	20.00	ng	0.00
21) Naphthalene-d8	7.64	136	206282	20.00	ng	0.00
38) Acenaphthene-d10	9.38	164	87025	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	153346	20.00	ng	0.01
75) Chrysene-d12	13.45	240	112520	20.00	ng	0.00
86) Perylene-d12	14.75	264	109293	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	504345	138.85	ng	0.02
7) Phenol-d6	6.02	99	589715	122.65	ng	0.00
23) Nitrobenzene-d5	6.92	82	394888	92.36	ng	0.00
41) 2,4,6-Tribromophenol	10.17	330	94644	122.14	ng	0.01
44) 2-Fluorobiphenyl	8.73	172	644308	94.88	ng	0.01
78) Terphenyl-d14	12.43	244	403591	83.50	ng	0.01
Target Compounds						
37) 2-Methylnaphthalene	8.35	142	271874	37.98	ng	# 86
49) Dimethylphthalate	9.13	163	85030	12.58	ng	# 97
57) Fluorene	9.93	166	37138m	5.74	ng	
70) Phenanthrene	10.88	178	102628	12.04	ng	# 88
77) Pyrene	12.26	202	22248m	2.67	ng	

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

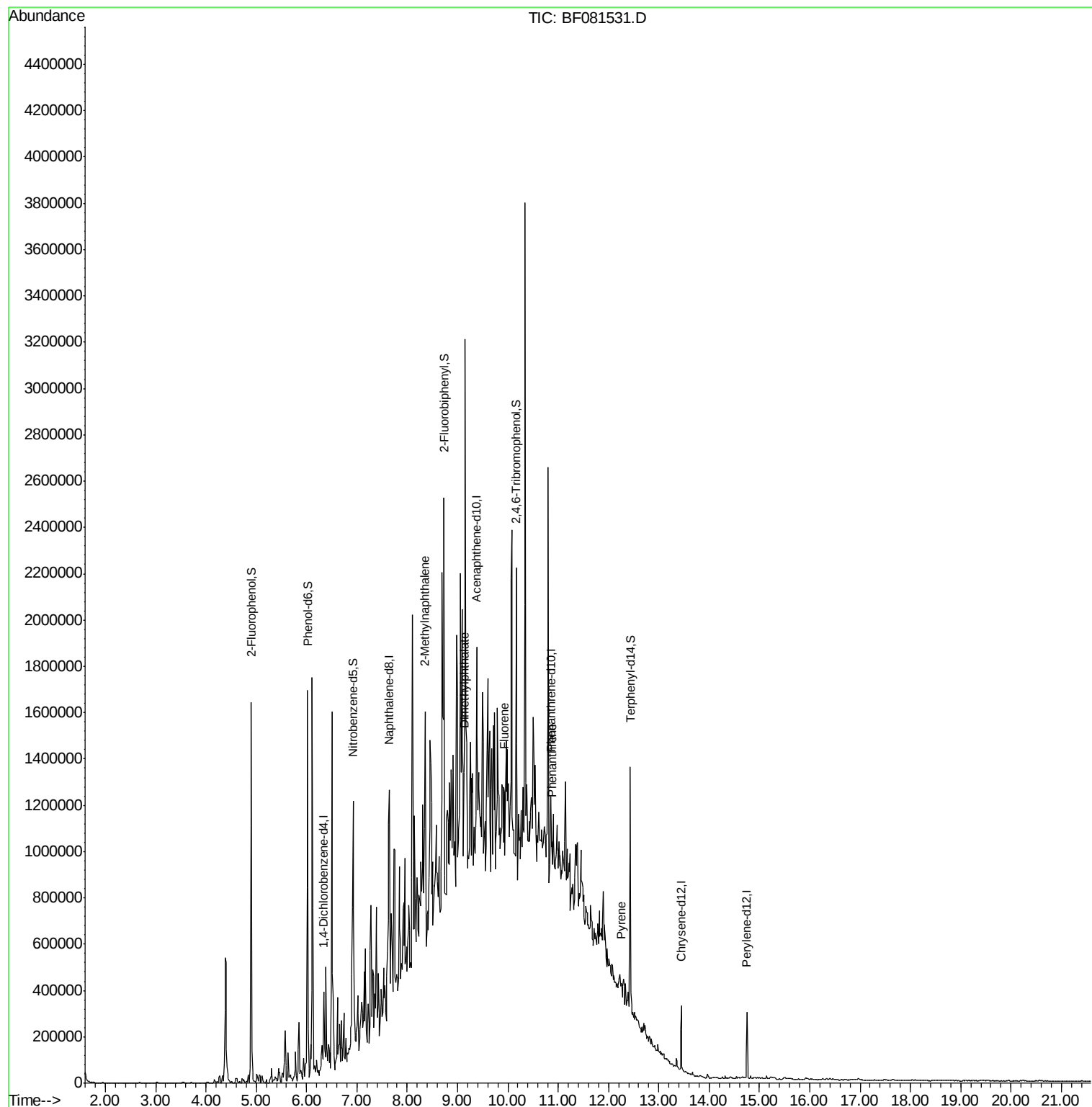
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081531.D
Acq On : 8 Sep 2015 19:49
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Misc :
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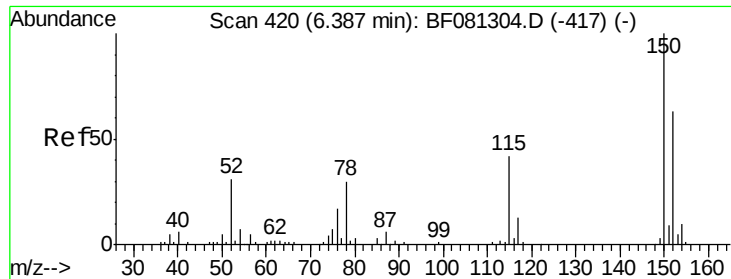
Instrument :
BNA_F
ClientSampleId :
HX2

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Response via : Initial Calibration





#1

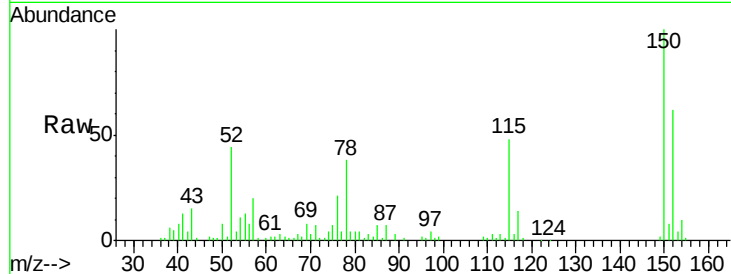
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF081531.D
Acq: 8 Sep 2015 19:49

Instrument :
BNA_F
ClientSampleId :
HX2

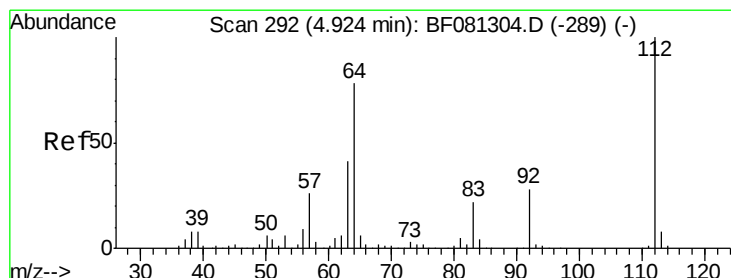
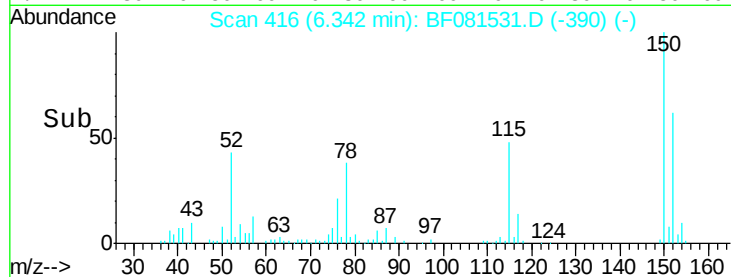
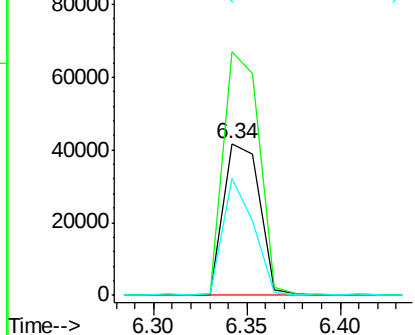
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.7	187.1
115	77.4	39.0	58.4#

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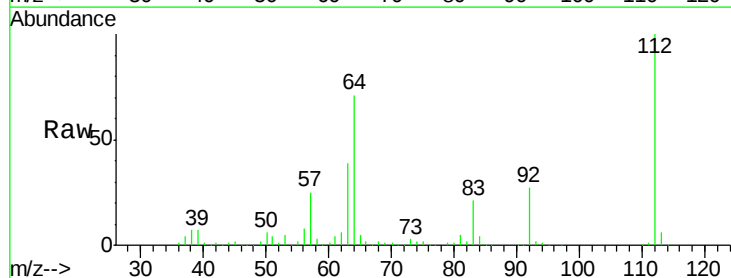
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



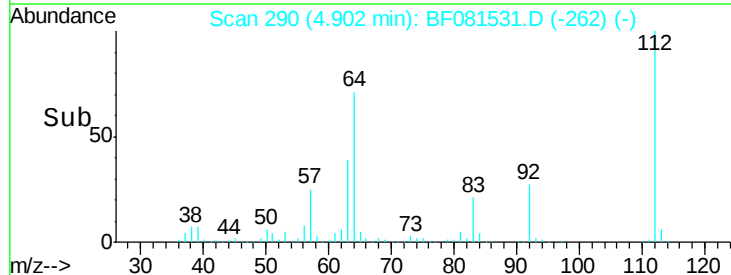
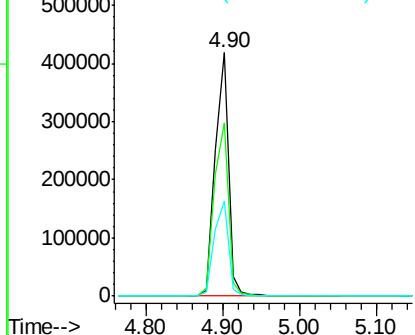
#5

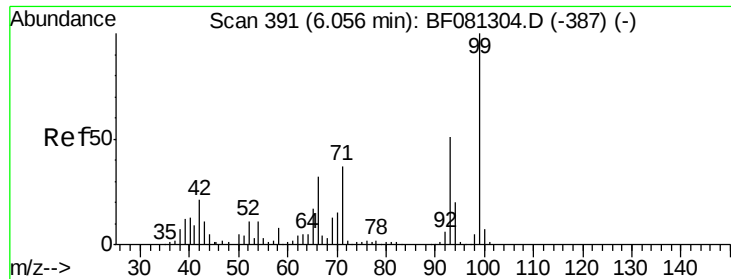
2-Fluorophenol
Concen: 138.85 ng
RT: 4.90 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF081531.D
Acq: 8 Sep 2015 19:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	39.7	59.5#
63	39.0	17.4	26.0#



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: 122.65 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081531.D

Acq: 8 Sep 2015 19:49

Instrument :

BNA_F

ClientSampleId :

HX2

Tgt Ion: 99 Resp: 589715
Ion Ratio Lower Upper

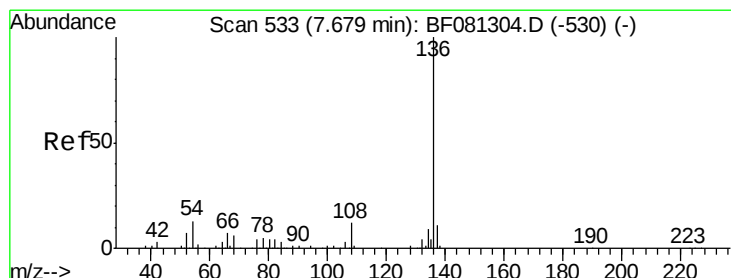
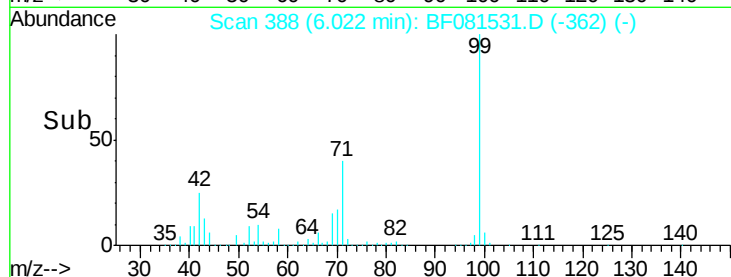
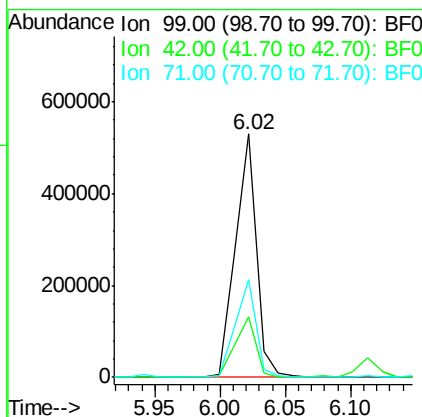
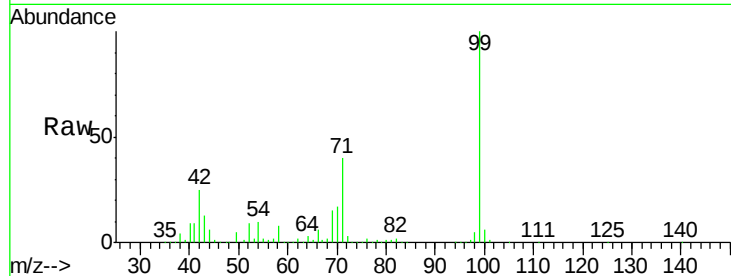
99 100

42 24.7 13.7 20.5#

71 40.1 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF081531.D

Acq: 8 Sep 2015 19:49

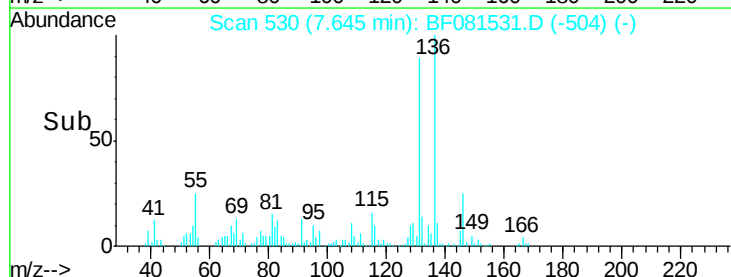
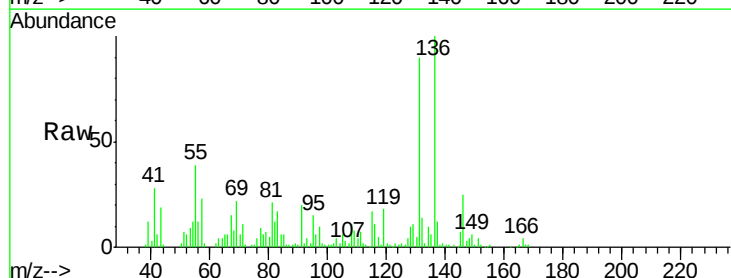
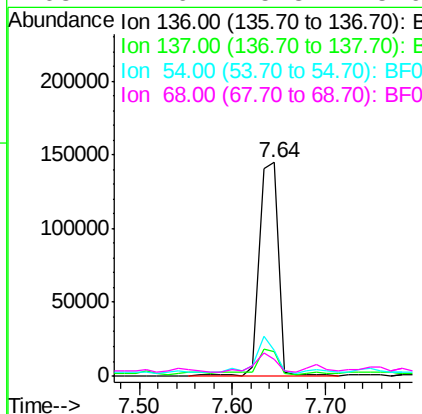
Tgt Ion: 136 Resp: 206282
Ion Ratio Lower Upper

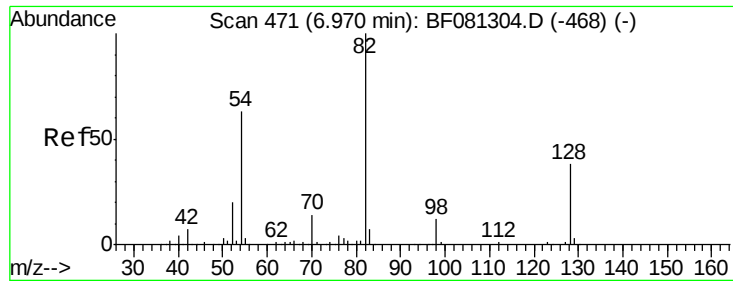
136 100

137 11.6 9.0 13.6

54 11.8 8.2 12.2

68 7.6 5.8 8.6





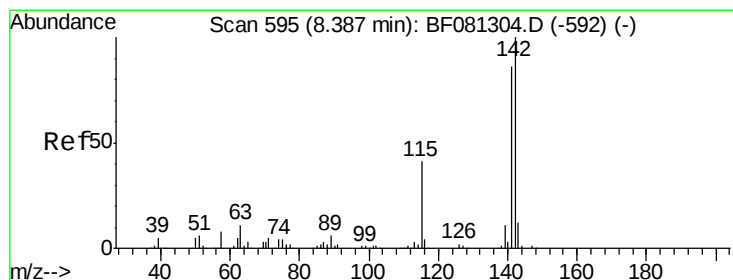
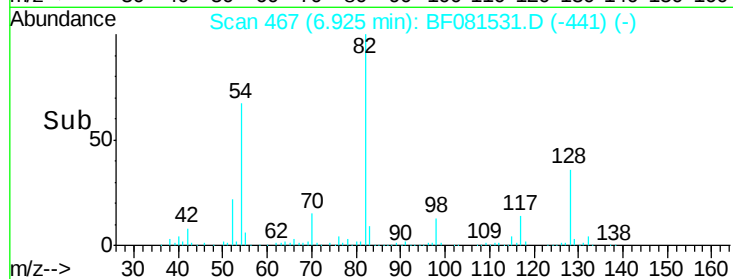
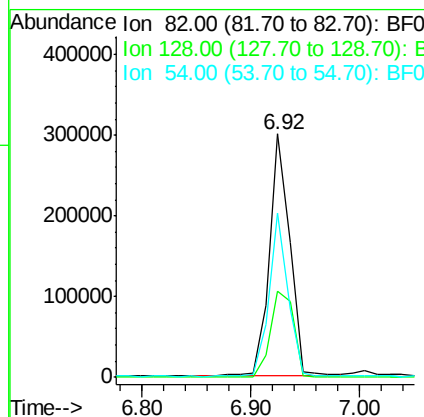
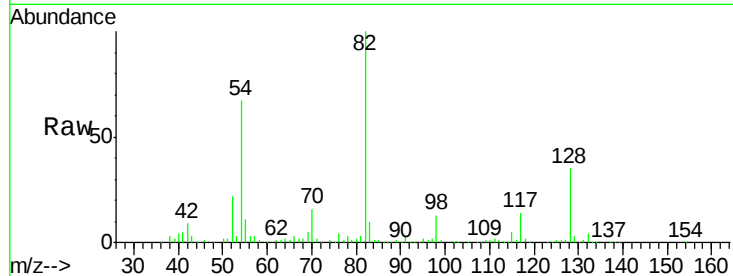
#23
 Nitrobenzene-d5
 Concen: 92.36 ng
 RT: 6.92 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF081531.D
 Acq: 8 Sep 2015 19:49

Instrument :
 BNA_F
 ClientSampleId :
 HX2

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	394888		
128	35.5	51.0	76.6#	
54	67.3	47.5	71.3	

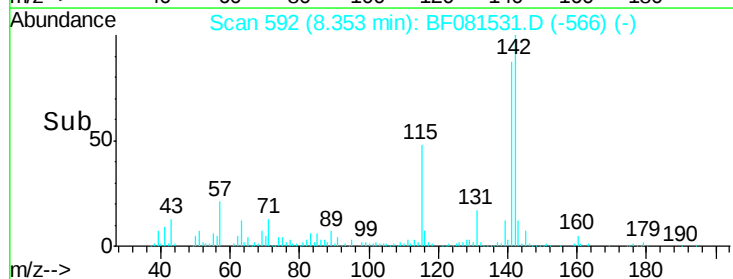
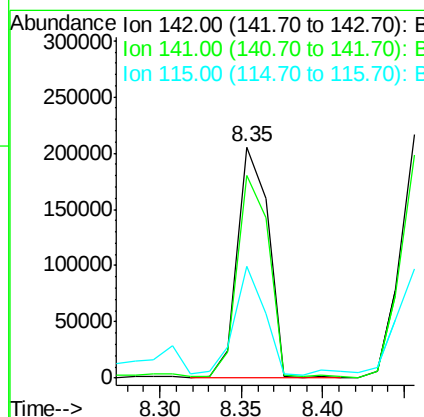
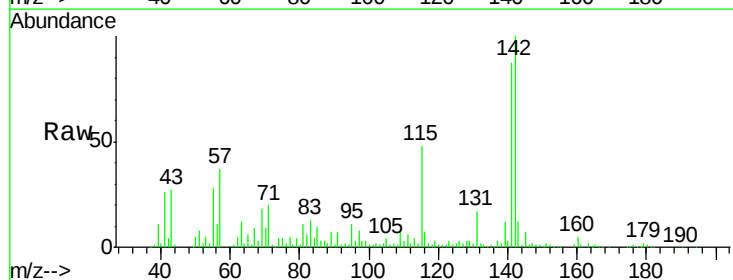
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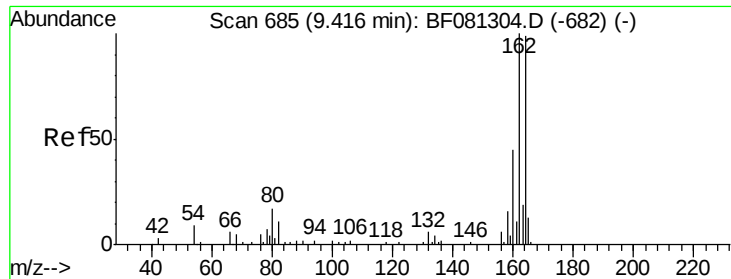
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#37
 2-Methylnaphthalene
 Concen: 37.98 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF081531.D
 Acq: 8 Sep 2015 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	271874		
141	87.4	67.5	101.3	
115	48.3	18.2	27.2#	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF081531.D

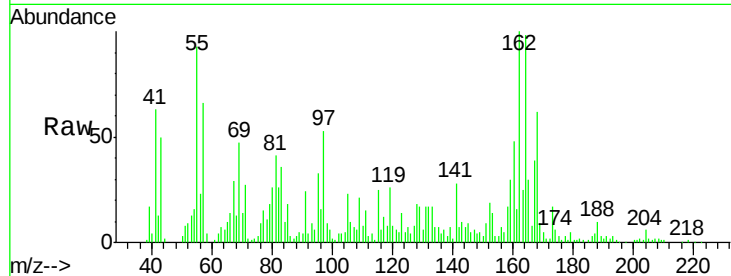
Acq: 8 Sep 2015 19:49

Instrument :

BNA_F

ClientSampleId :

HX2



Tgt Ion:164 Resp: 87025

Ion Ratio Lower Upper

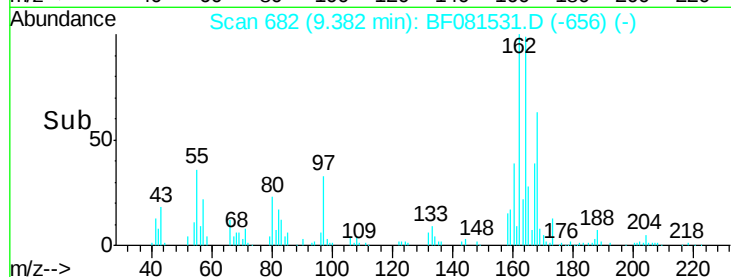
164 100

162 101.5 75.2 112.8

160 48.3 31.5 47.3#

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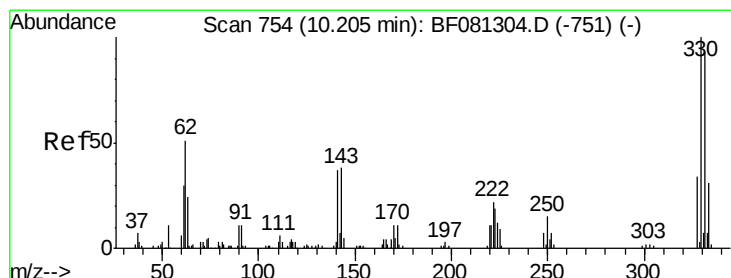
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

9.30 9.35 9.40 9.45



#41

2,4,6-Tribromophenol

Concen: 122.14 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF081531.D

Acq: 8 Sep 2015 19:49

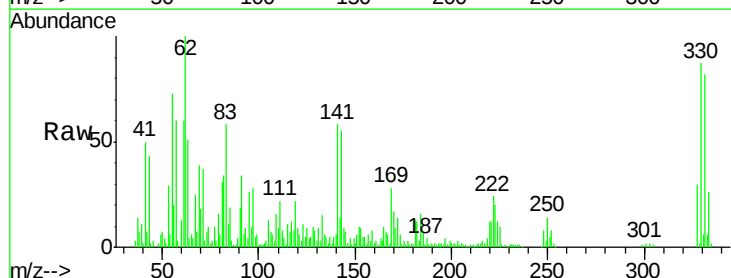
Tgt Ion:330 Resp: 94644

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

141 58.1 29.7 44.5#



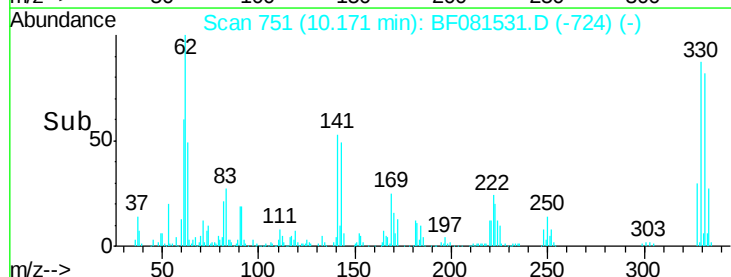
Abundance Ion 329.80 (329.50 to 330.50): E

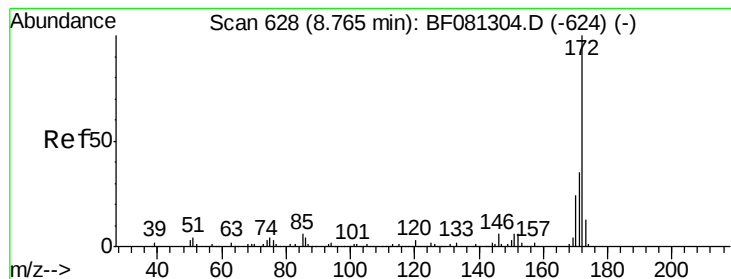
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->

10.10 10.15 10.20 10.25





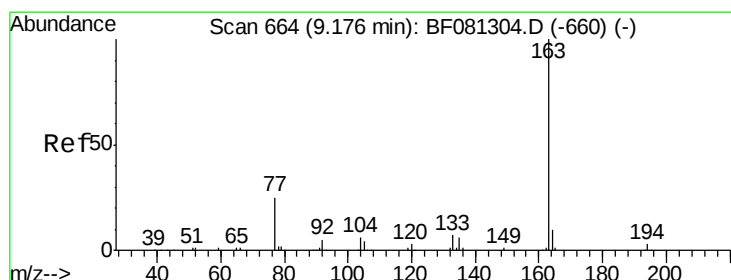
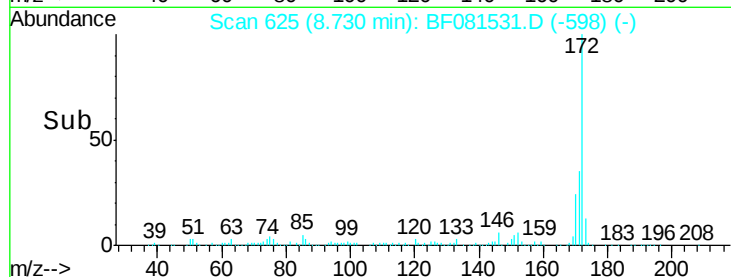
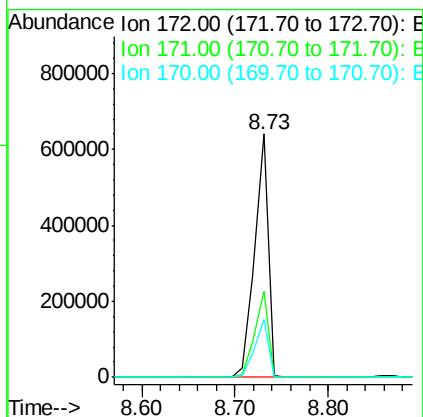
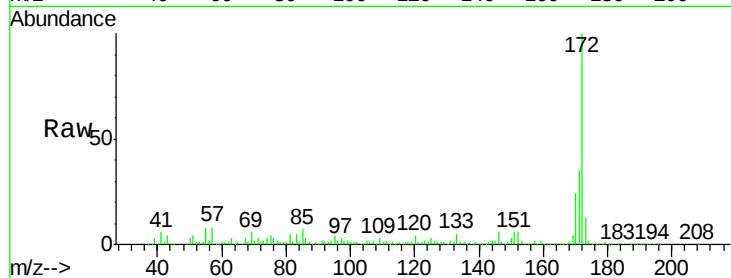
#44
2-Fluorobiphenyl
Concen: 94.88 ng
RT: 8.73 min Scan# 625
Delta R.T. 0.01 min
Lab File: BF081531.D
Acq: 8 Sep 2015 19:49

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	644308		
171	35.4	26.1	39.1	
170	24.0	17.4	26.2	

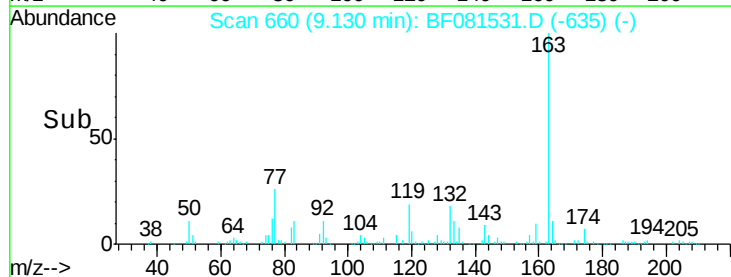
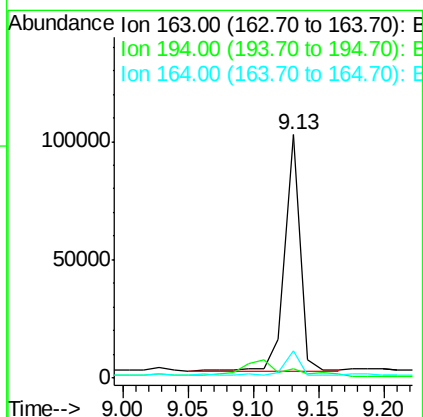
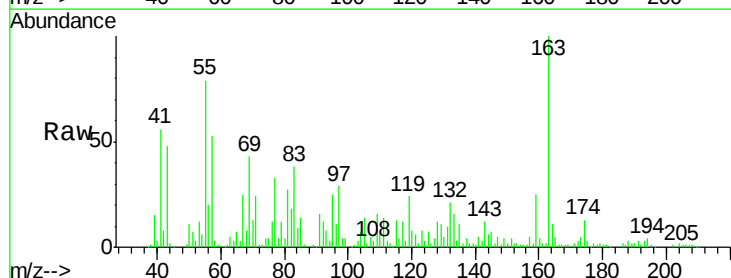
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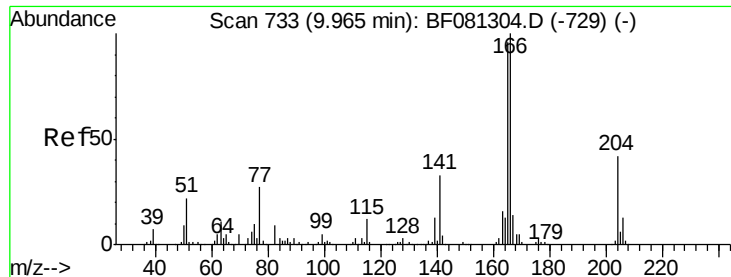
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#49
Dimethylphthalate
Concen: 12.58 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF081531.D
Acq: 8 Sep 2015 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	85030		
194	3.9	4.4	6.6#	
164	11.3	8.3	12.5	





#57

Fluorene

Concen: 5.74 ng m

RT: 9.93 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF081531.D

Acq: 8 Sep 2015 19:49

Instrument :

BNA_F

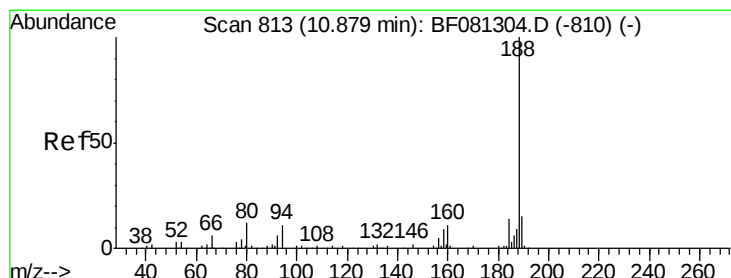
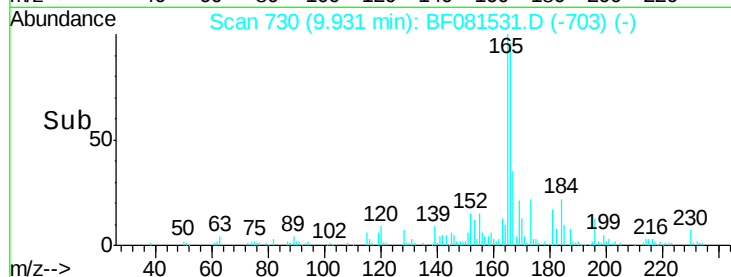
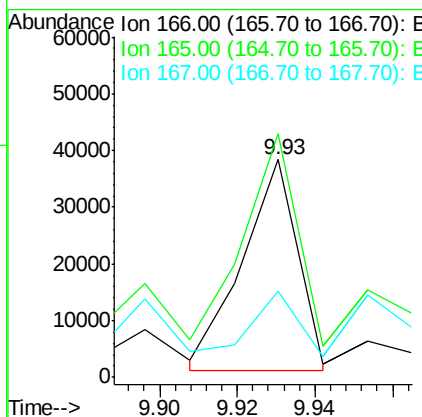
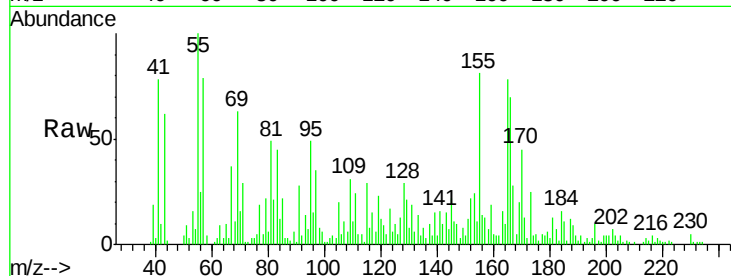
ClientSampled :

HX2

Tgt Ion:	166	Resp:	37138
Ion Ratio	Lower	Upper	
166	100		
165	111.7	72.6	109.0#
167	39.3	10.6	16.0#

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#63

Phenanthrene-d10

Concen: 20.00 ng

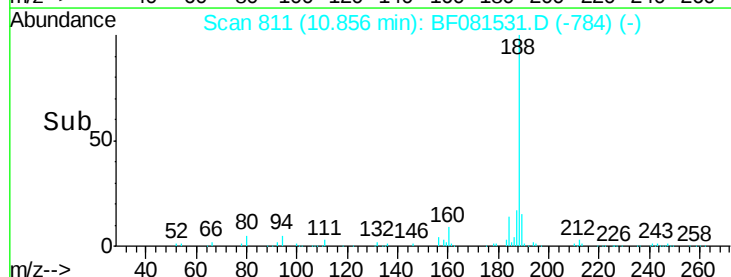
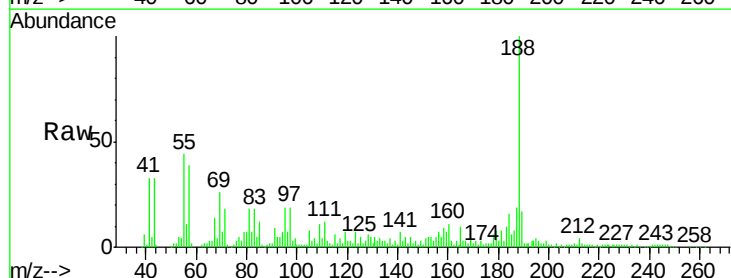
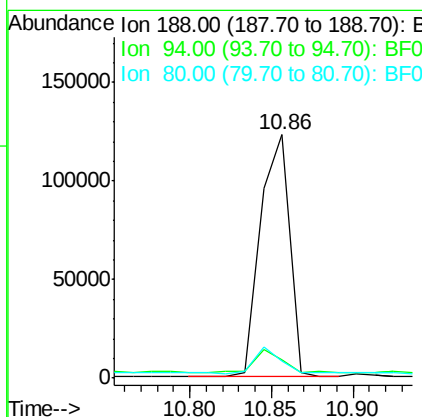
RT: 10.86 min Scan# 811

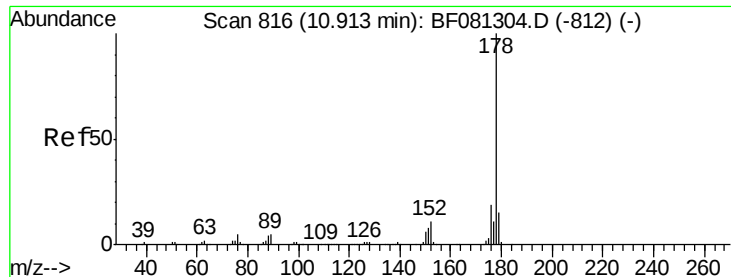
Delta R.T. 0.01 min

Lab File: BF081531.D

Acq: 8 Sep 2015 19:49

Tgt Ion:	188	Resp:	153346
Ion Ratio	Lower	Upper	
188	100		
94	7.3	11.1	16.7#
80	7.2	11.0	16.4#





#70

Phenanthrene

Concen: 12.04 ng

RT: 10.88 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF081531.D

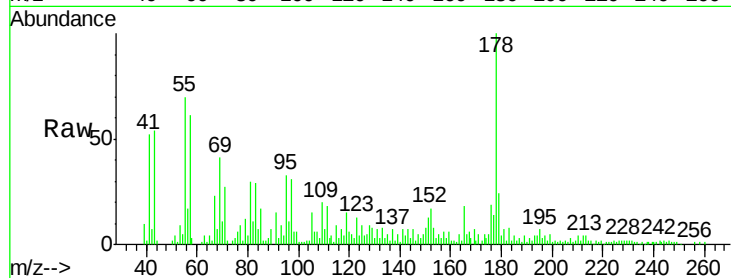
Acq: 8 Sep 2015 19:49

Instrument :

BNA_F

ClientSampleId :

HX2



Tgt Ion:178 Resp: 102628

Ion Ratio Lower Upper

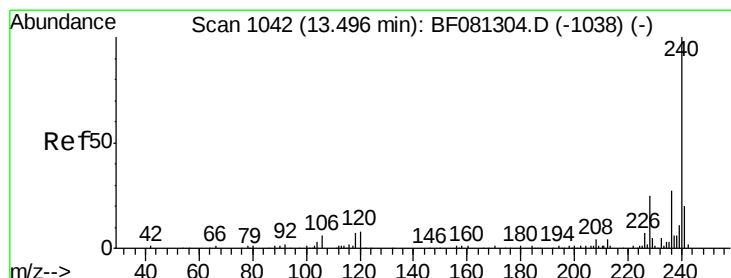
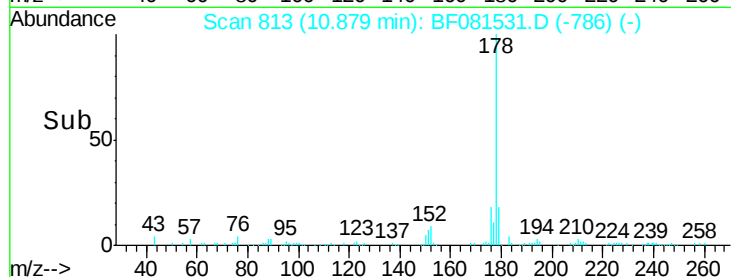
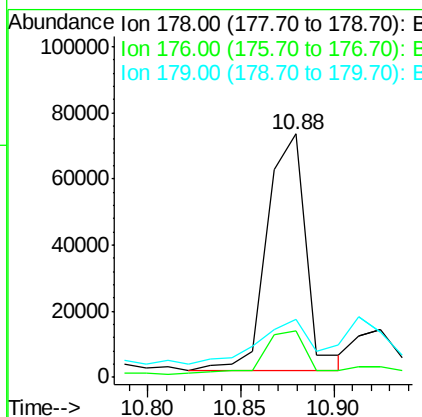
178 100

176 19.3 13.8 20.8

179 23.8 12.2 18.2#

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#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081531.D

Acq: 8 Sep 2015 19:49

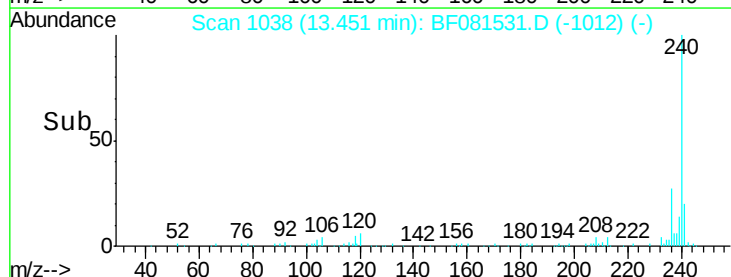
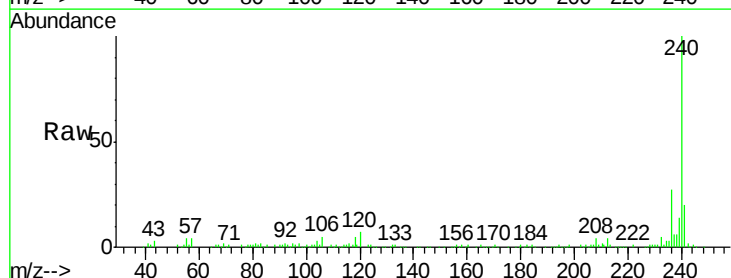
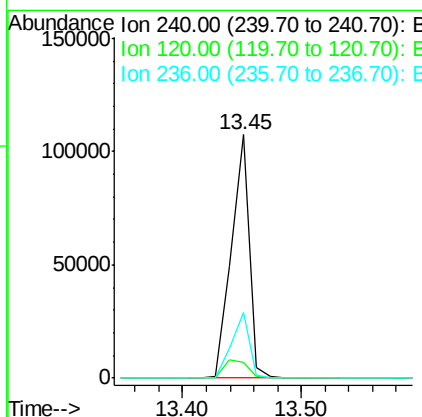
Tgt Ion:240 Resp: 112520

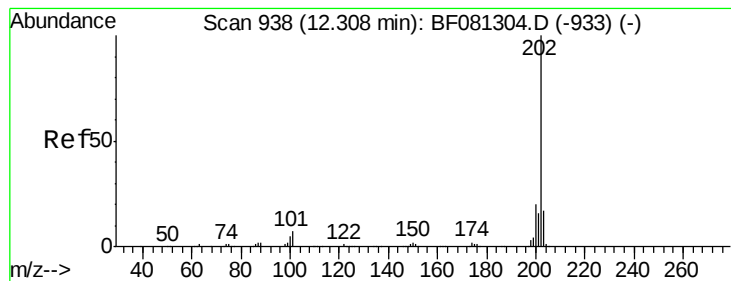
Ion Ratio Lower Upper

240 100

120 6.6 16.2 24.2#

236 27.1 18.4 27.6





#77

Pyrene

Concen: 2.67 ng m

RT: 12.26 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081531.D

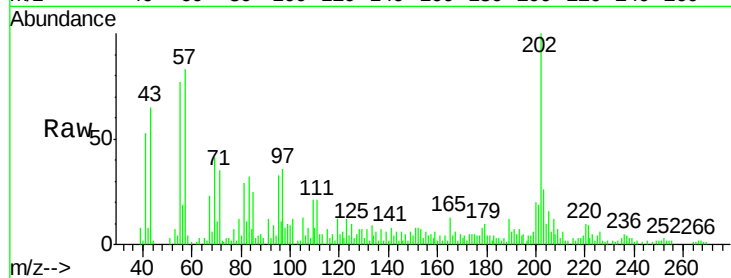
Acq: 8 Sep 2015 19:49

Instrument :

BNA_F

ClientSampleId :

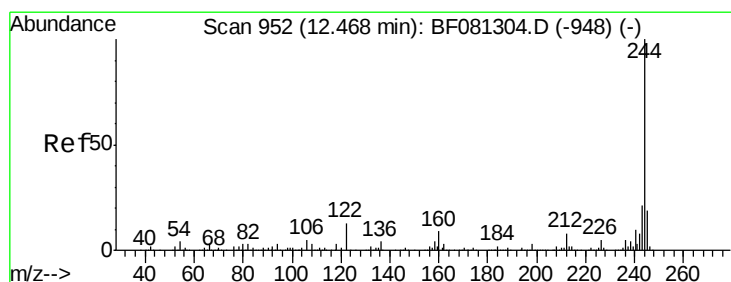
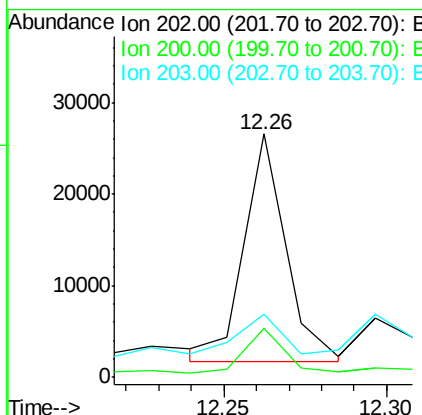
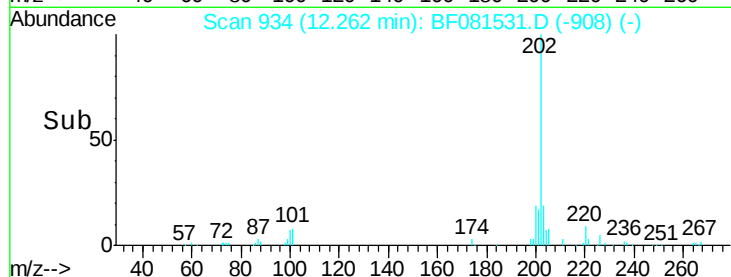
HX2



Tgt Ion:	202	Resp:	22248
Ion Ratio	Lower	Upper	
202	100		
200	20.0	15.0	22.4
203	25.8	14.1	21.1#

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:58:46 PM



#78

Terphenyl-d14

Concen: 83.50 ng

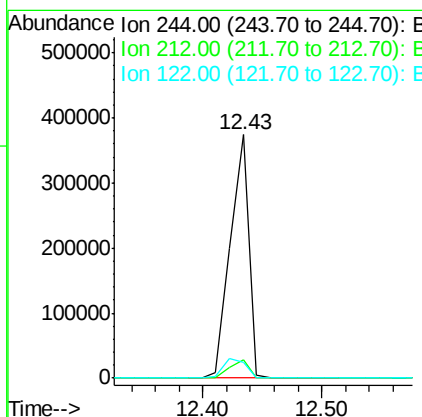
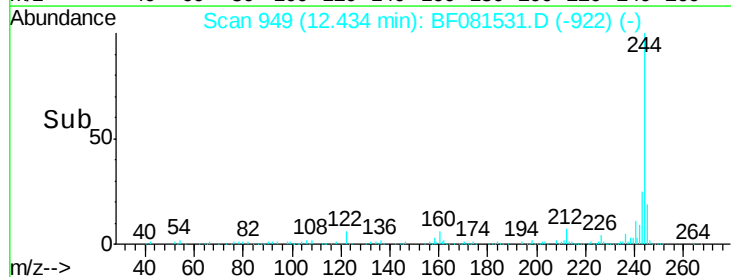
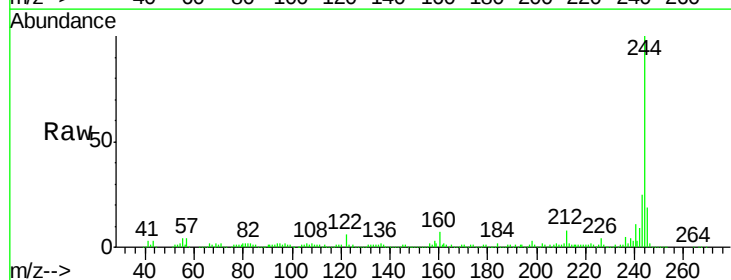
RT: 12.43 min Scan# 949

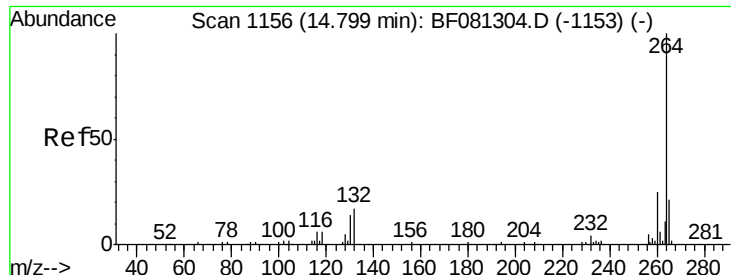
Delta R.T. 0.01 min

Lab File: BF081531.D

Acq: 8 Sep 2015 19:49

Tgt Ion:	244	Resp:	403591
Ion Ratio	Lower	Upper	
244	100		
212	7.5	4.3	6.5#
122	6.3	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081531.D
Acq: 8 Sep 2015 19:49

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	16.7	25.1
265	21.2	17.2	25.8

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:58:46 PM

