

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081415.D
 Acq On : 4 Sep 2015 11:30
 Operator : UM/IZ
 Sample : G3505-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P005-TS03-01

Manual Integrations
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 9/4/2015 2:52:15 PM

Quant Time: Sep 04 13:16:13 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	57132	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	219298	20.00	ng	-0.02
38) Acenaphthene-d10	9.39	164	92565	20.00	ng	-0.02
63) Phenanthrene-d10	10.87	188	168454	20.00	ng	-0.01
75) Chrysene-d12	13.47	240	111439	20.00	ng	-0.02
86) Perylene-d12	14.78	264	93703	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	325385	88.36	ng	0.00
7) Phenol-d6	6.04	99	465200	95.44	ng	-0.01
23) Nitrobenzene-d5	6.95	82	316227	69.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.18	330	70706	85.79	ng	-0.02
44) 2-Fluorobiphenyl	8.74	172	474028	65.63	ng	-0.02
78) Terphenyl-d14	12.44	244	288141	60.19	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.14	163	70361	9.78	ng	# 96
70) Phenanthrene	10.89	178	23885	2.55	ng	98
74) Fluoranthene	12.06	202	49190	4.85	ng	89
77) Pyrene	12.28	202	46486	5.63	ng	98
80) Benzo(a)anthracene	13.46	228	20803	2.93	ng	# 92
82) Chrysene	13.50	228	22444m	3.53	ng	
87) Benzo(b)fluoranthene	14.46	252	29728m	4.44	ng	
89) Benzo(a)pyrene	14.73	252	18021	3.18	ng	# 91
91) Benzo(g,h,i)perylene	16.18	276	8913	2.13	ng	# 74

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

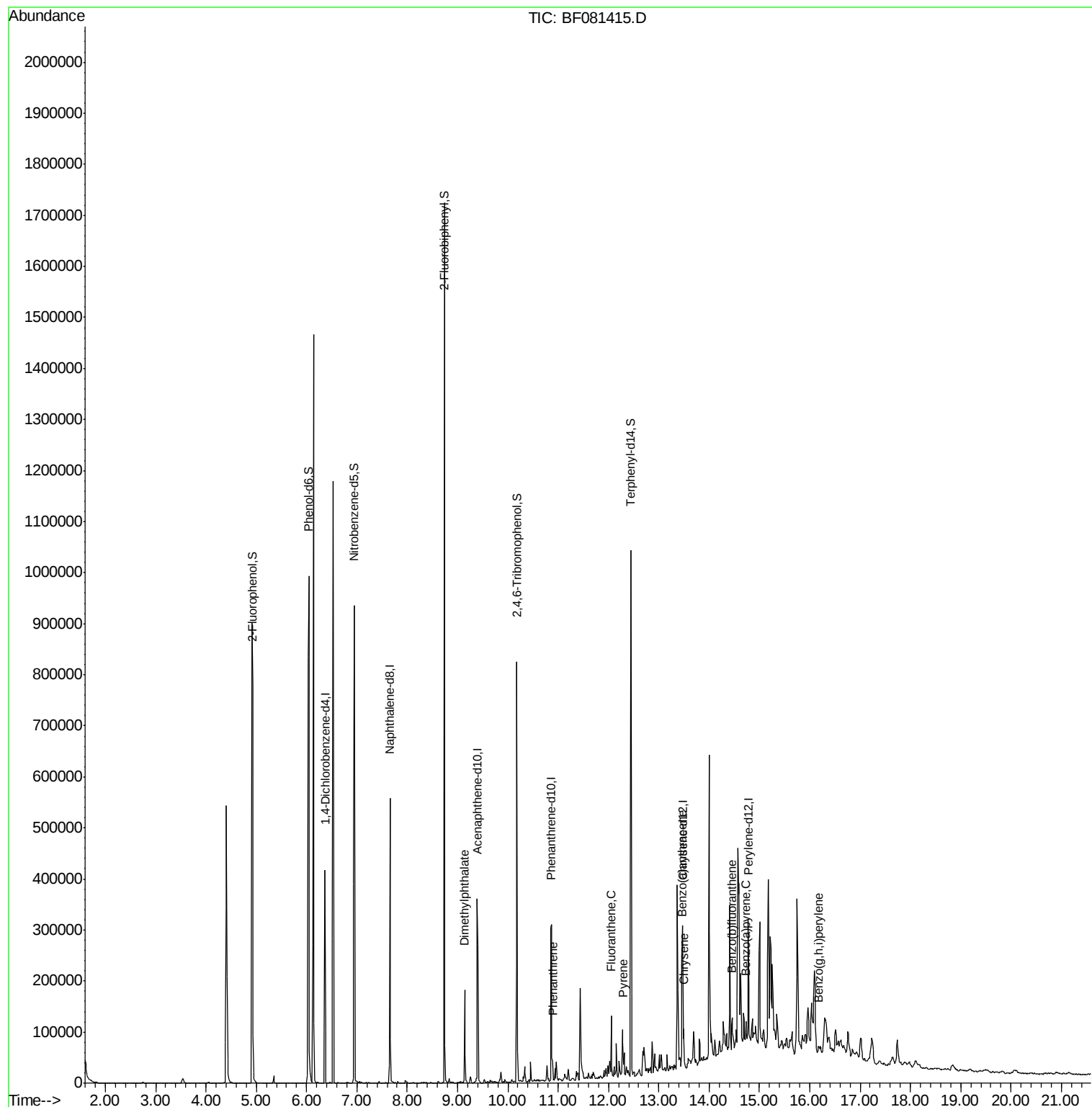
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081415.D
Acq On : 4 Sep 2015 11:30
Operator : UM/IZ
Sample : G3505-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P005-TS03-01

Manual Integrations
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Quant Time: Sep 04 13:16:13 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





#1

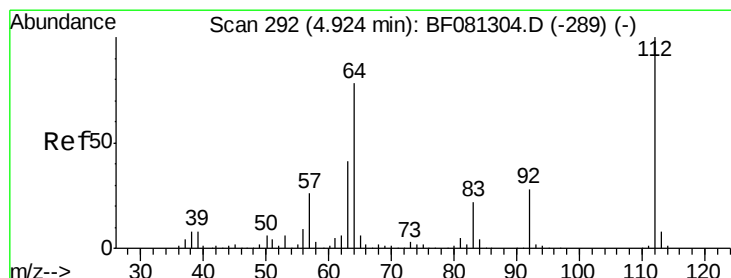
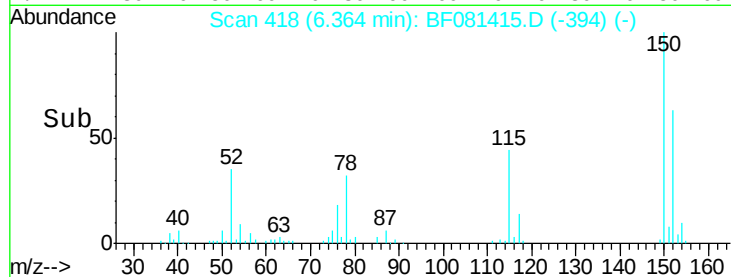
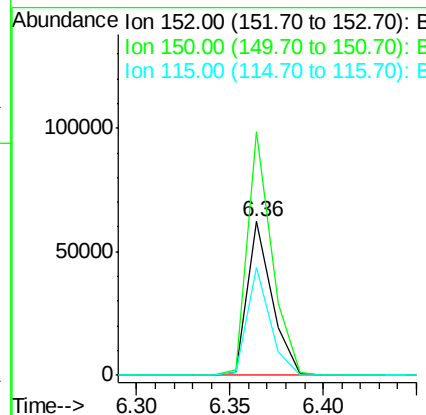
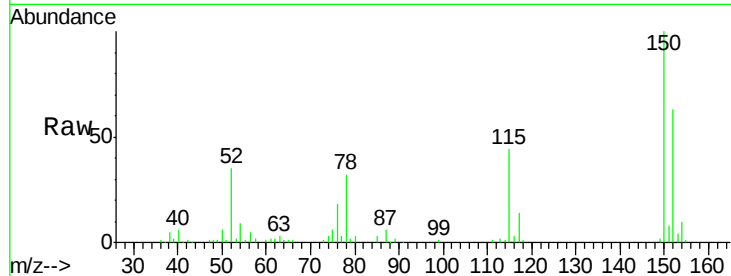
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Instrument :
BNA_F
ClientSampleId :
P005-TS03-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.7	187.1
115	70.0	39.0	58.4#

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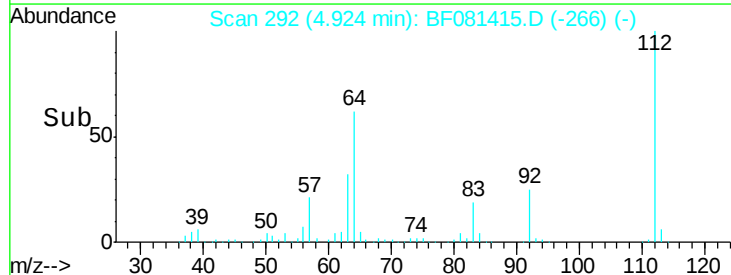
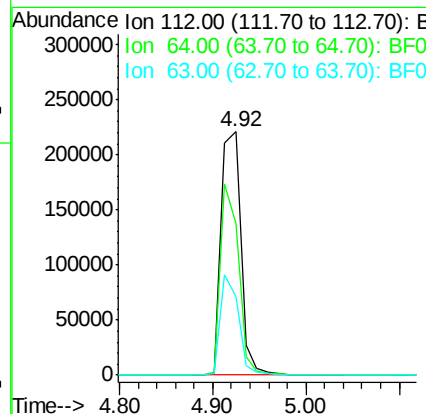
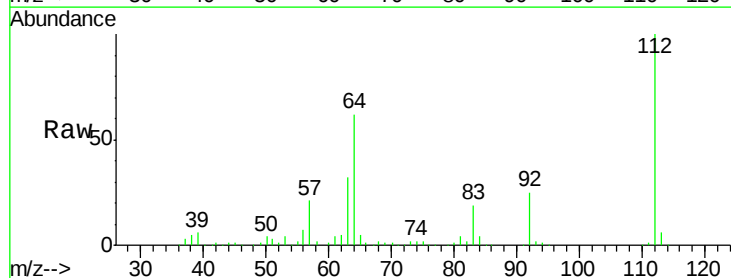
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#5

2-Fluorophenol
Concen: 88.36 ng
RT: 4.92 min Scan# 292
Delta R.T. 0.00 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	39.7	59.5#
63	32.5	17.4	26.0#





#7

Phenol-d6

Concen: 95.44 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081415.D

Acq: 4 Sep 2015 11:30

Instrument :

BNA_F

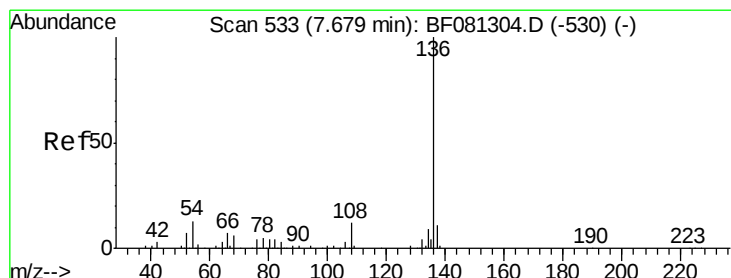
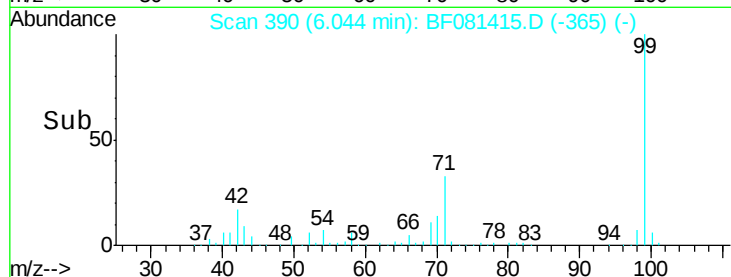
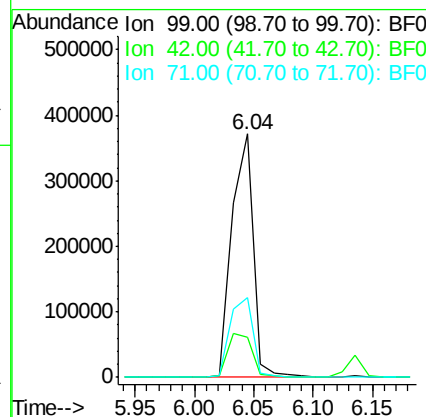
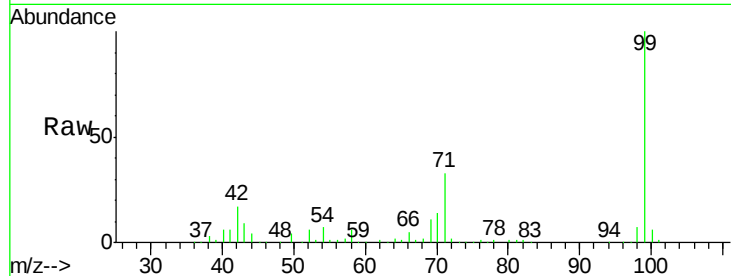
ClientSampleId :

P005-TS03-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		465200		
42	16.5	13.7	20.5		
71	32.6	14.2	21.2#		

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#21

Naphthalene-d8

Concen: 20.00 ng

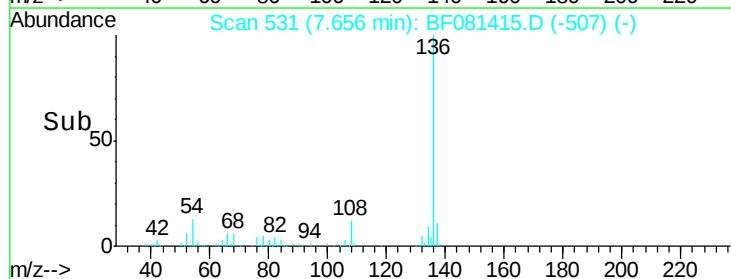
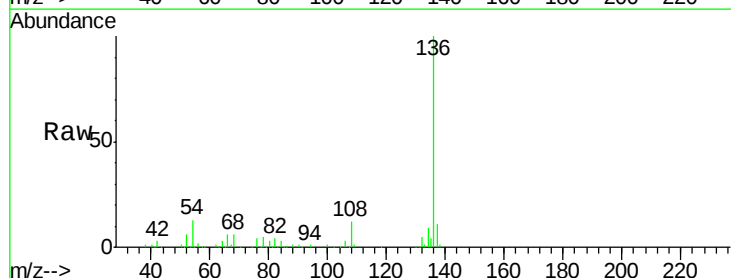
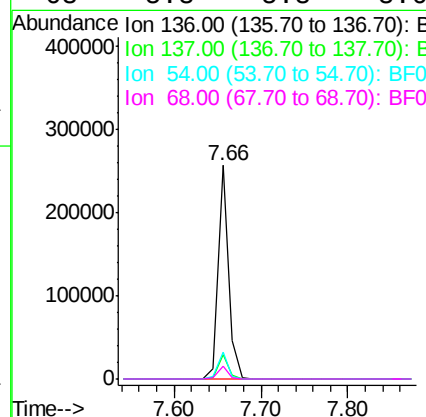
RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF081415.D

Acq: 4 Sep 2015 11:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		219298		
137	11.1	9.0	13.6		
54	12.5	8.2	12.2#		
68	5.8	5.8	8.6		





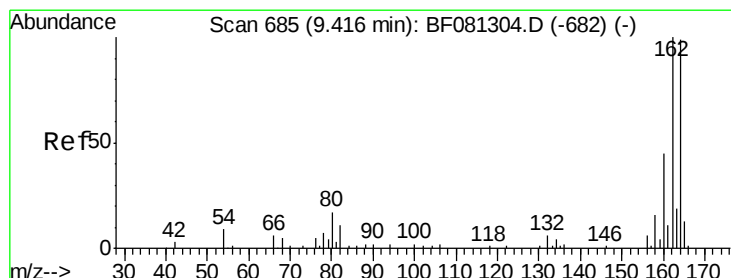
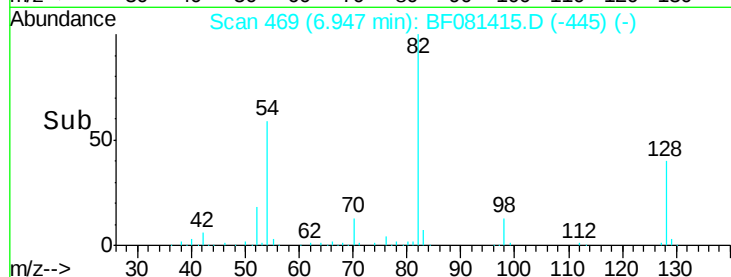
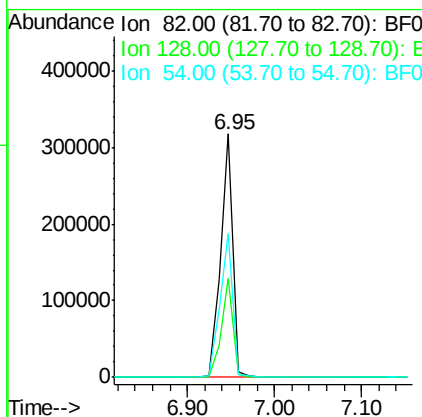
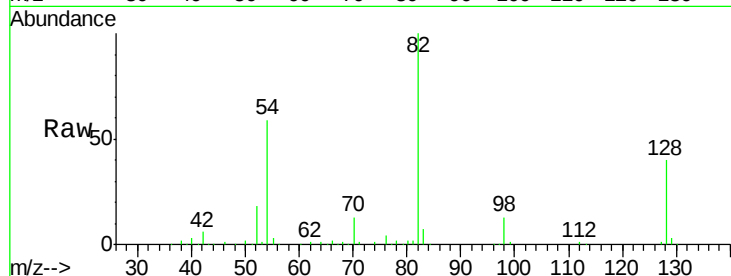
#23
 Nitrobenzene-d5
 Concen: 69.57 ng
 RT: 6.95 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF081415.D
 Acq: 4 Sep 2015 11:30

Instrument :
 BNA_F
 ClientSampleId :
 P005-TS03-01

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.5	51.0	76.6#	
54	58.9	47.5	71.3	

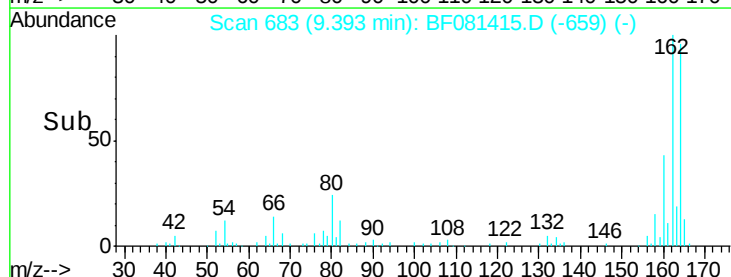
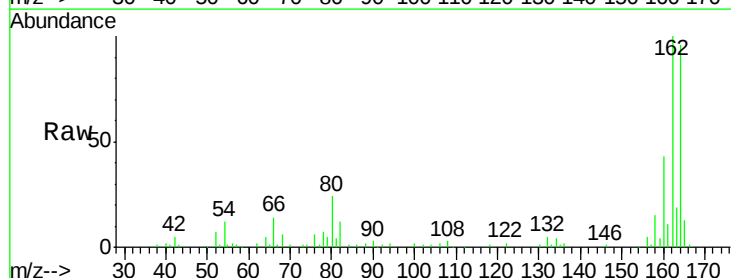
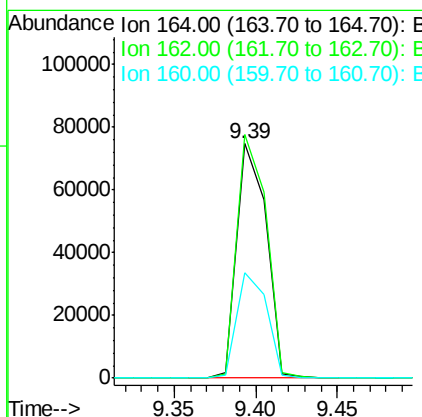
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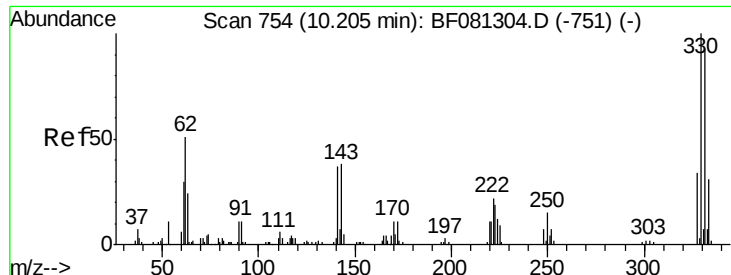
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF081415.D
 Acq: 4 Sep 2015 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.9	75.2	112.8	
160	45.0	31.5	47.3	





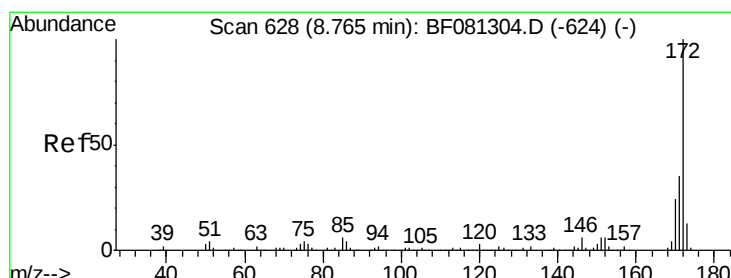
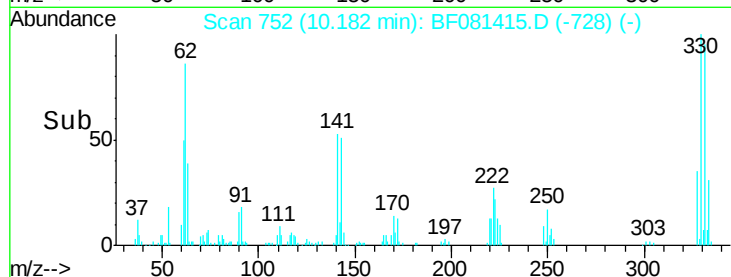
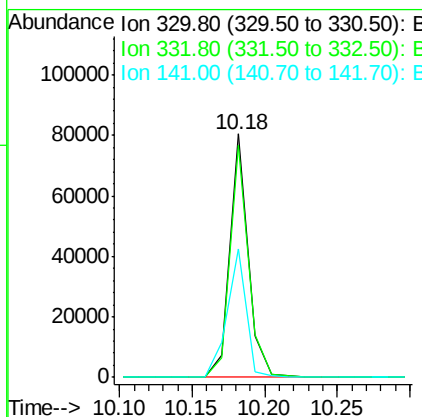
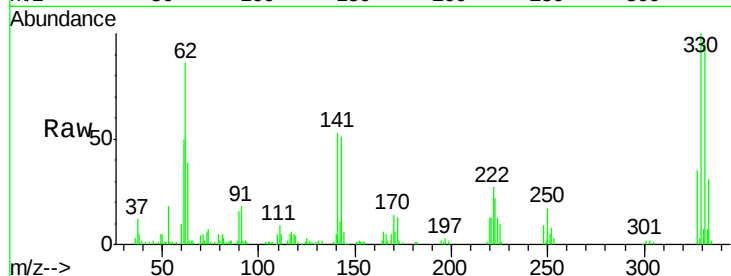
#41
 2,4,6-Tribromophenol
 Concen: 85.79 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF081415.D
 Acq: 4 Sep 2015 11:30

Instrument :
 BNA_F
 ClientSampleId :
 P005-TS03-01

Tot Ion	Ratio	Resp	Lower	Upper
330	100	70706		
332	96.3		76.6	114.8
141	54.8		29.7	44.5#

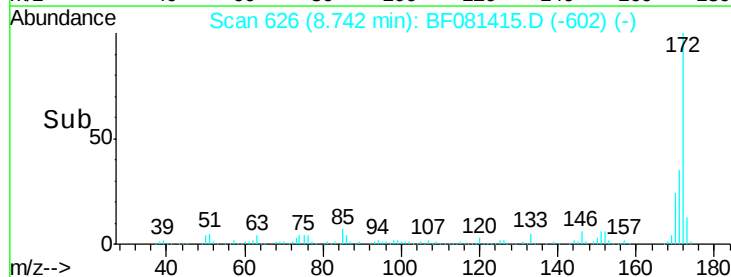
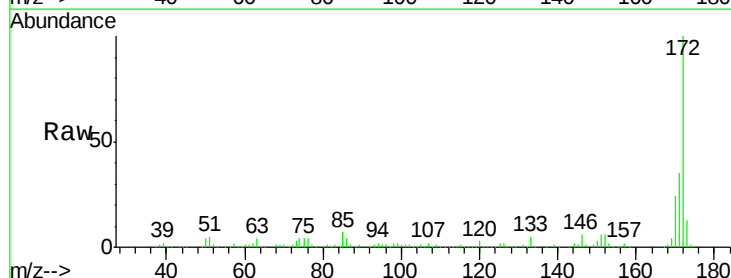
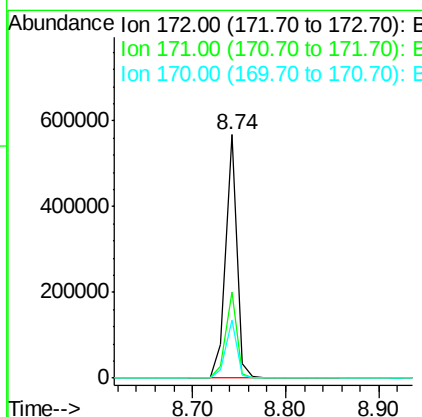
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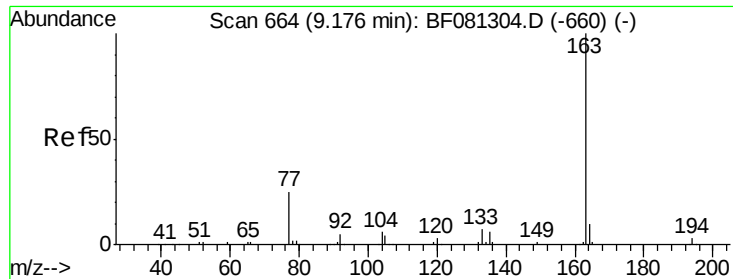
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#44
 2-Fluorobiphenyl
 Concen: 65.63 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF081415.D
 Acq: 4 Sep 2015 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	474028		
171	35.3		26.1	39.1
170	23.8		17.4	26.2





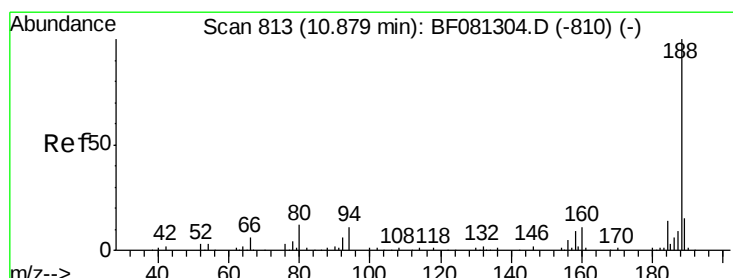
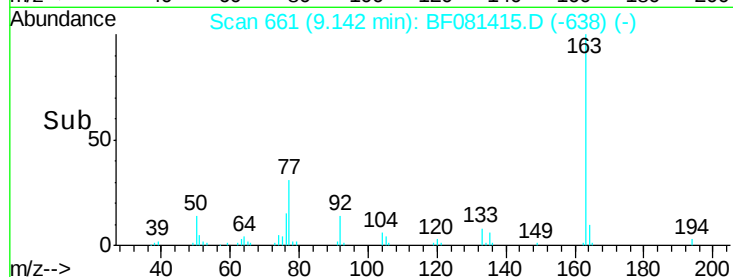
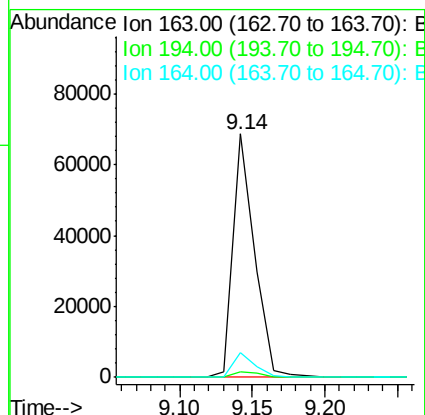
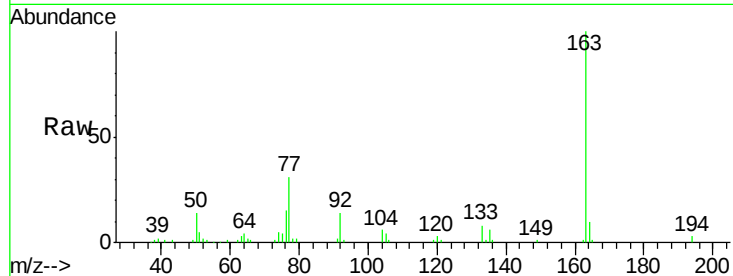
#49
Dimethylphthalate
Concen: 9.78 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Instrument :
BNA_F
ClientSampleId :
P005-TS03-01

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.5	4.4	6.6#
164	10.0	8.3	12.5

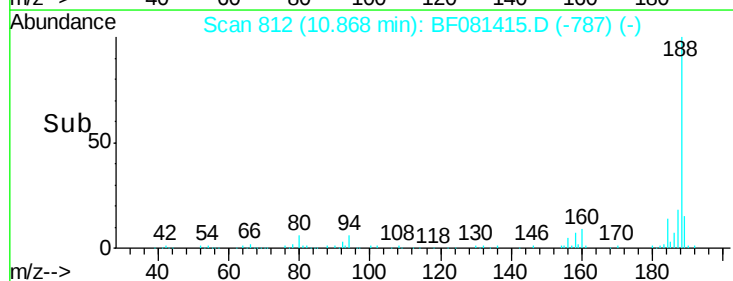
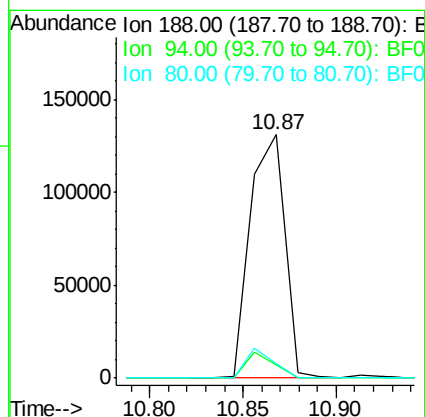
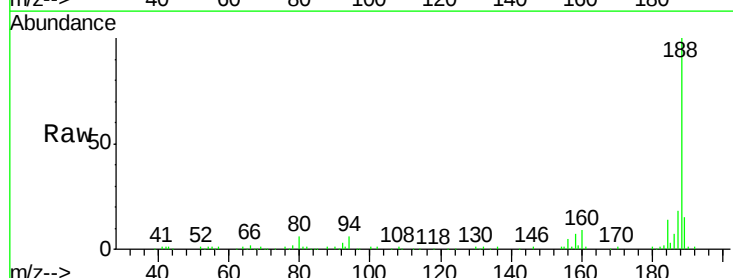
Manual Integrations
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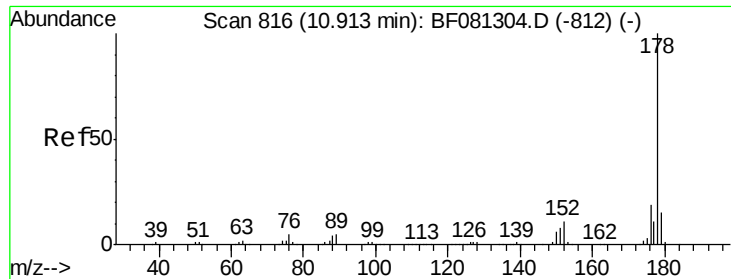
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF081415.D
Acq: 4 Sep 2015 11:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	11.1	16.7#
80	5.8	11.0	16.4#





#70

Phenanthrene

Concen: 2.55 ng

RT: 10.89 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF081415.D

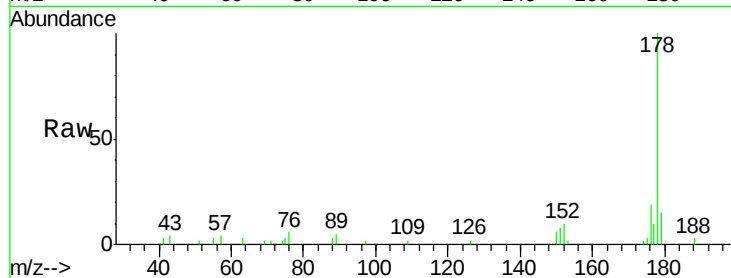
Acq: 4 Sep 2015 11:30

Instrument :

BNA_F

ClientSampleId :

P005-TS03-01



Tot Ion:178 Resp: 23885

Ion Ratio Lower Upper

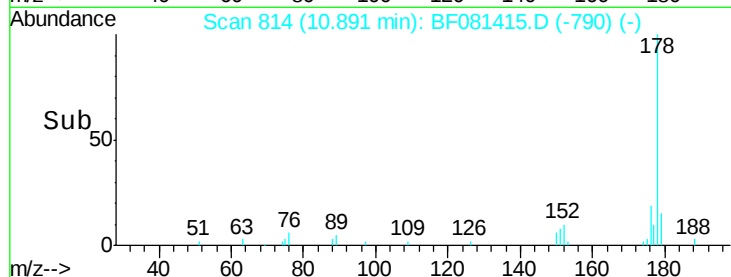
178 100

176 18.9 13.8 20.8

179 14.7 12.2 18.2

Manual Integrations
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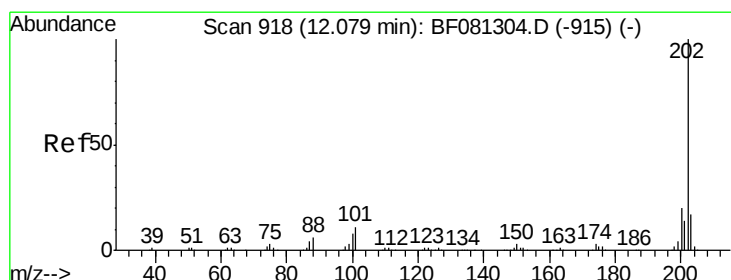
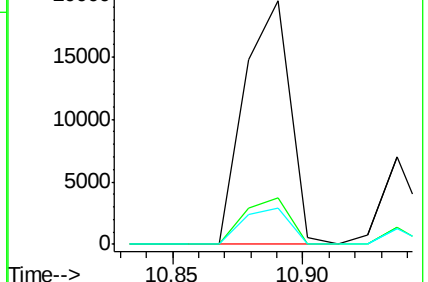
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 4.85 ng

RT: 12.06 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF081415.D

Acq: 4 Sep 2015 11:30

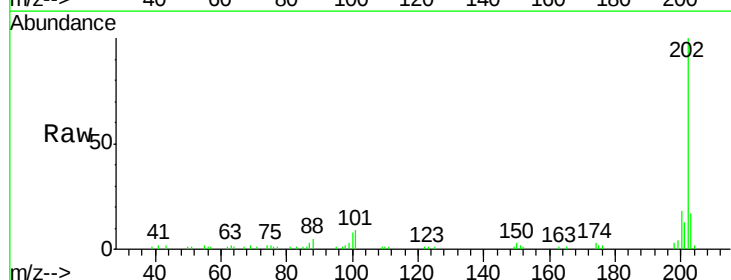
Tgt Ion:202 Resp: 49190

Ion Ratio Lower Upper

202 100

101 9.0 0.0 38.3

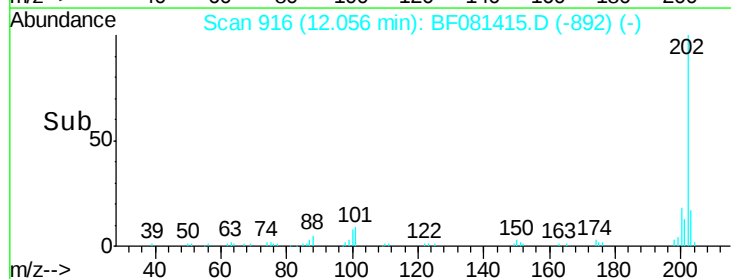
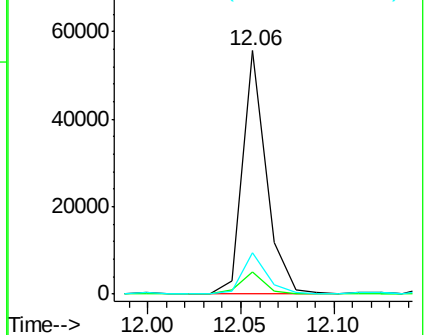
203 17.0 0.0 37.3

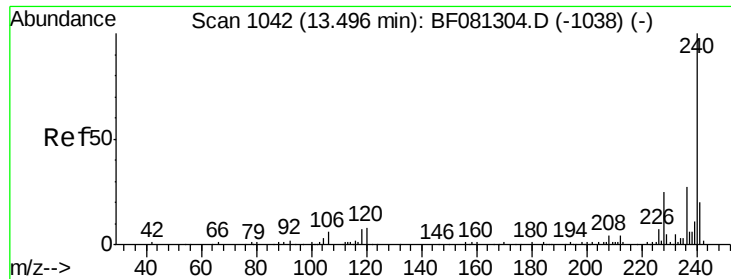


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.47 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF081415.D

Acq: 4 Sep 2015 11:30

Instrument :

BNA_F

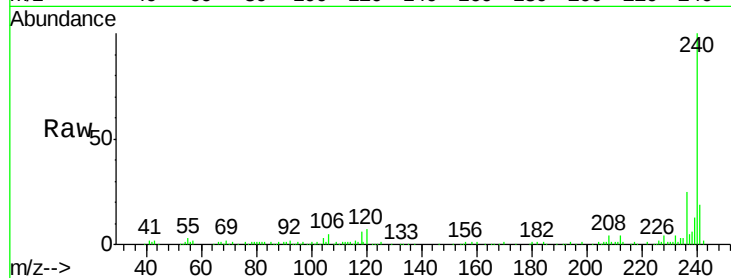
ClientSampleId :

P005-TS03-01

Tot Ion:	240	Resp:	111439
Ion Ratio	Lower	Upper	
240	100		
120	6.9	16.2	24.2#
236	25.1	18.4	27.6

Manual Integrations
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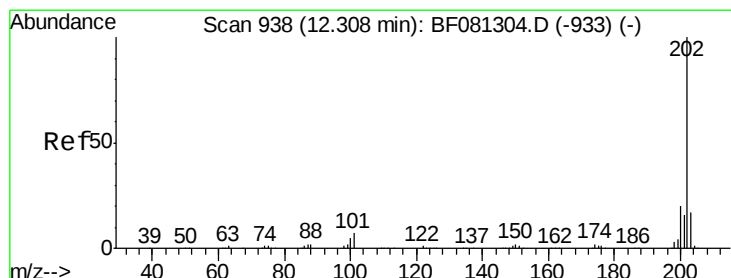
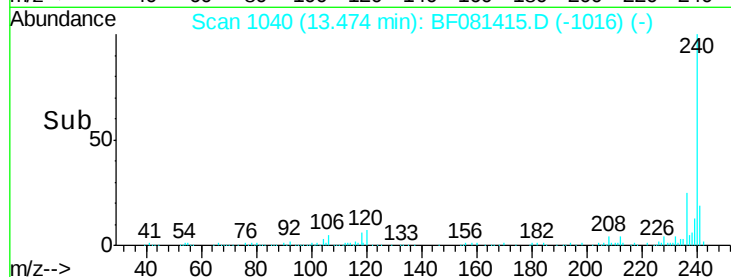
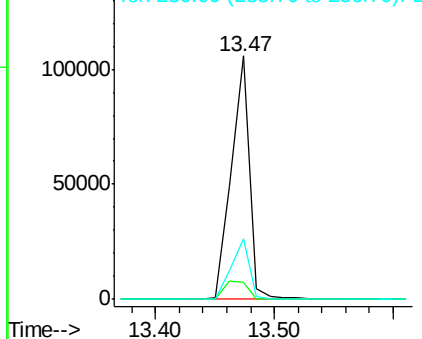
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.63 ng

RT: 12.28 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF081415.D

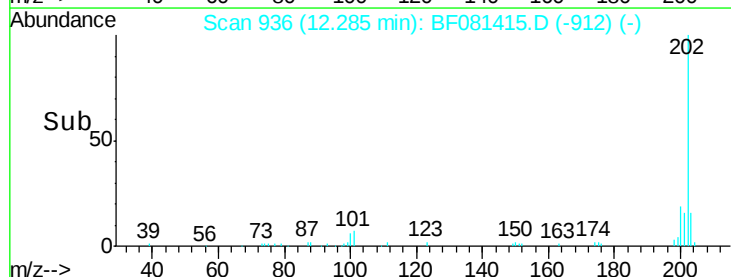
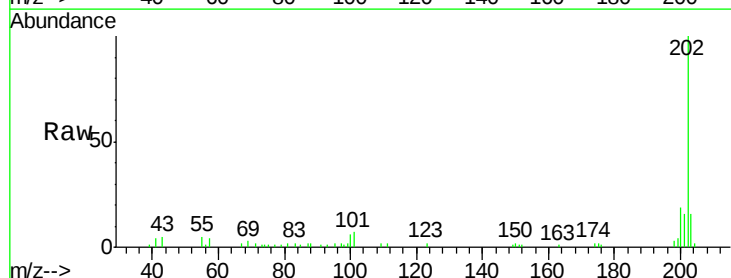
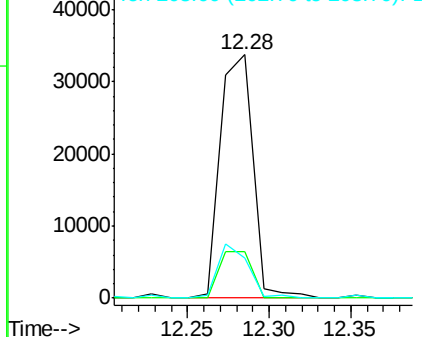
Acq: 4 Sep 2015 11:30

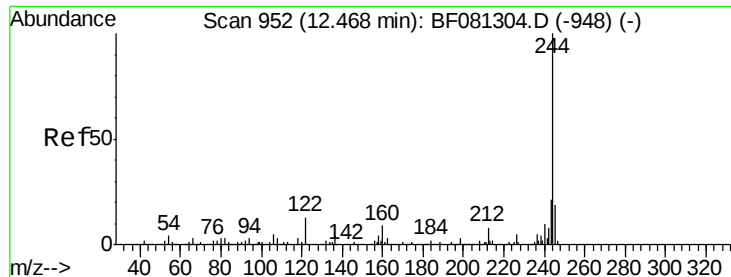
Tgt Ion:	202	Resp:	46486
Ion Ratio	Lower	Upper	
202	100		
200	19.3	15.0	22.4
203	16.3	14.1	21.1

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 60.19 ng

RT: 12.44 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF081415.D

Acq: 4 Sep 2015 11:30

Instrument :

BNA_F

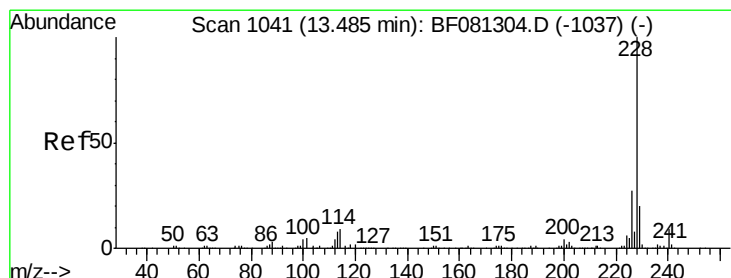
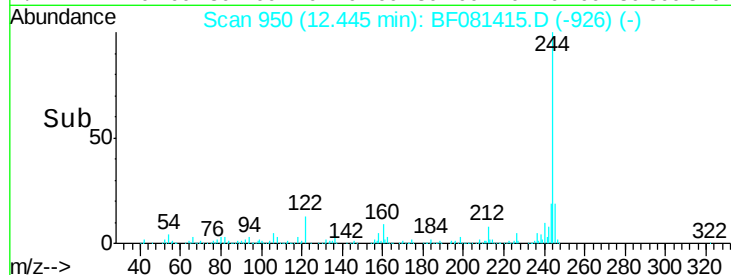
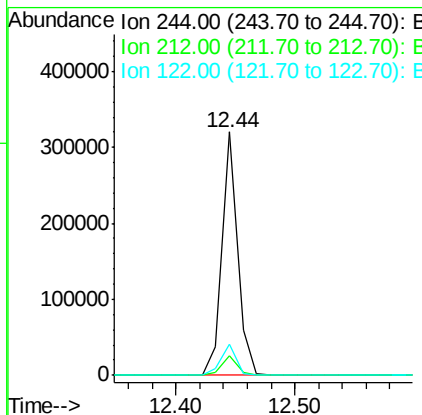
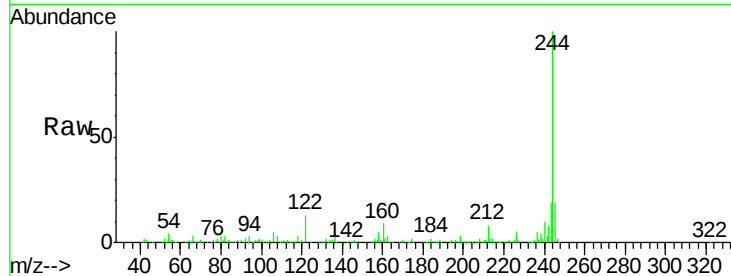
ClientSampleId :

P005-TS03-01

Tot Ion:	244	Resp:	288141
Ion Ratio	Lower	Upper	
244	100		
212	8.1	4.3	6.5#
122	12.8	17.4	26.2#

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#80

Benzo(a)anthracene

Concen: 2.93 ng

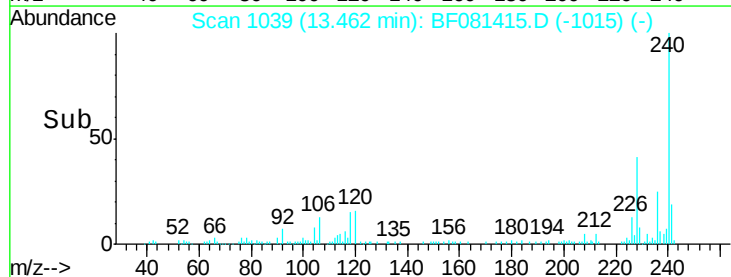
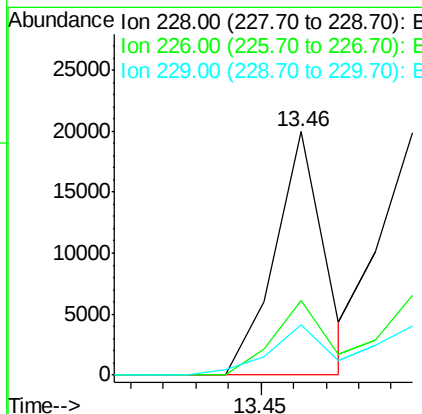
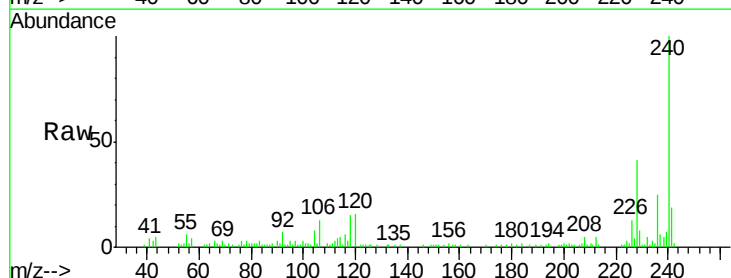
RT: 13.46 min Scan# 1039

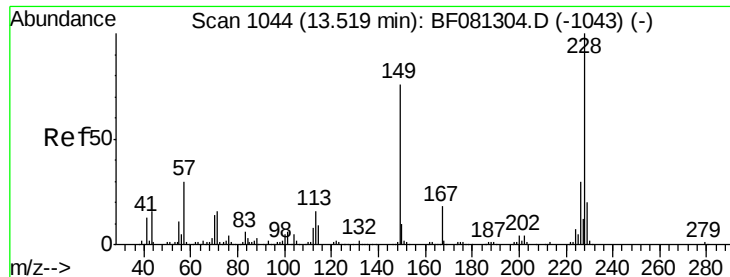
Delta R.T. -0.02 min

Lab File: BF081415.D

Acq: 4 Sep 2015 11:30

Tgt Ion:	228	Resp:	20803
Ion Ratio	Lower	Upper	
228	100		
226	30.8	20.0	30.0#
229	20.5	15.4	23.2





#82

Chrysene

Concen: 3.53 ng/mL

RT: 13.50 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF081415.D

Acq: 4 Sep 2015 11:30

Instrument :

BNA_F

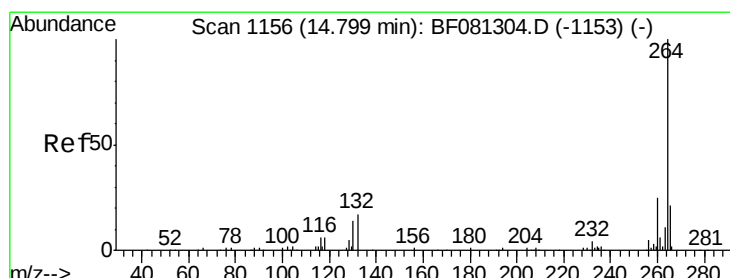
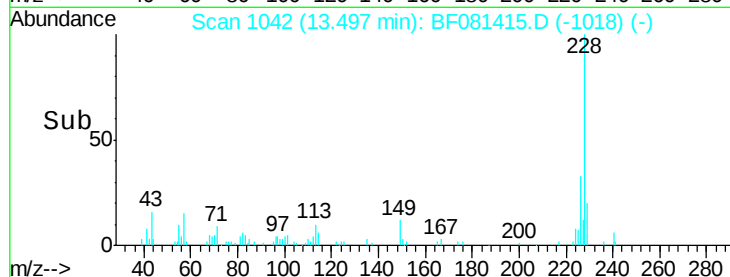
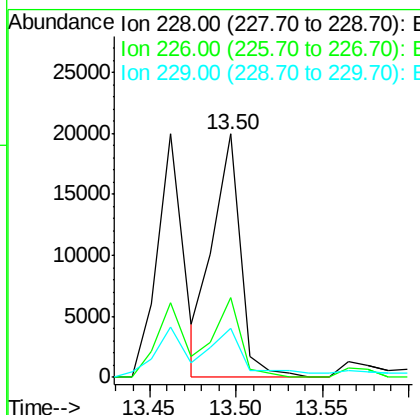
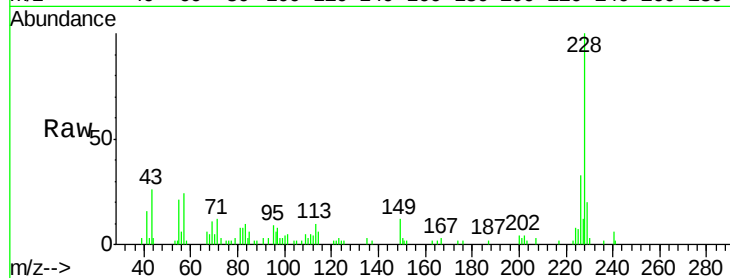
ClientSampleID :

P005-TS03-01

Tot Ion:	228	Resp:	22444
Ion Ratio	Lower	Upper	
228	100		
226	32.7	21.0	31.4#
229	20.3	15.6	23.4

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#86

Perylene-d12

Concen: 20.00 ng

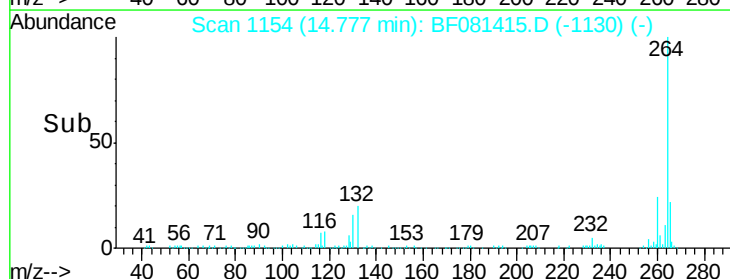
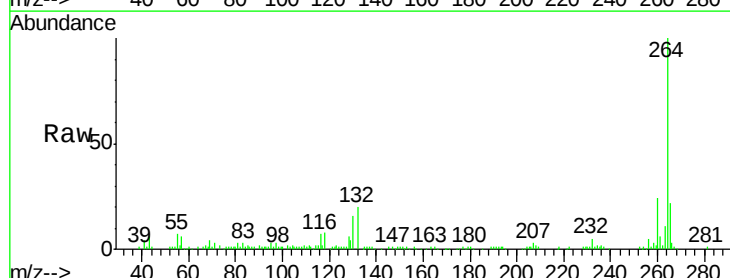
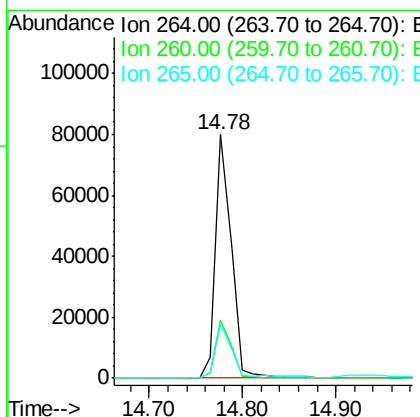
RT: 14.78 min Scan# 1154

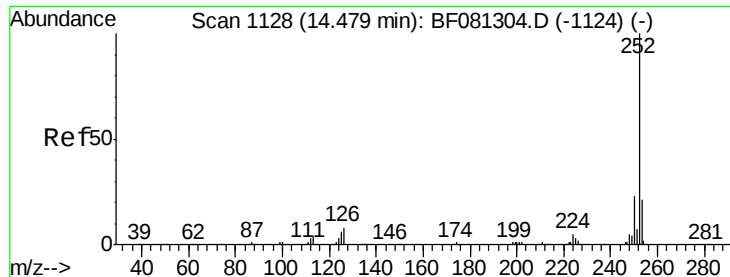
Delta R.T. -0.02 min

Lab File: BF081415.D

Acq: 4 Sep 2015 11:30

Tgt Ion:	264	Resp:	93703
Ion Ratio	Lower	Upper	
264	100		
260	23.6	16.7	25.1
265	22.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 4.44 ng m

RT: 14.46 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF081415.D

Acq: 4 Sep 2015 11:30

Instrument :

BNA_F

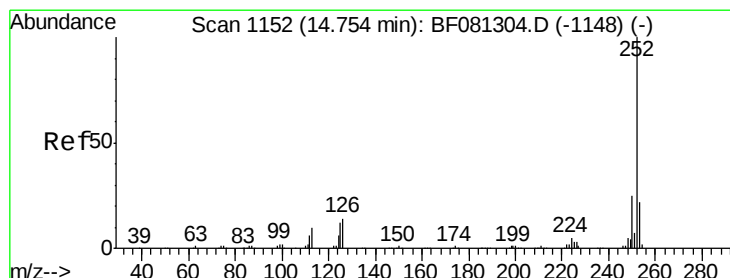
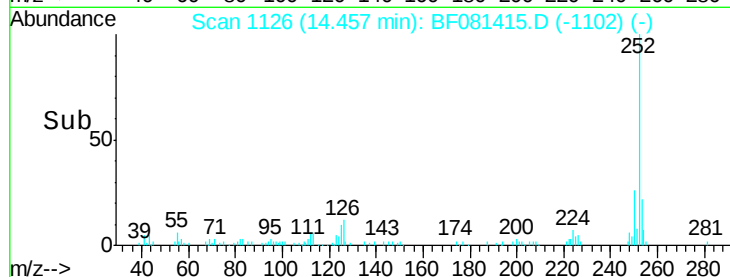
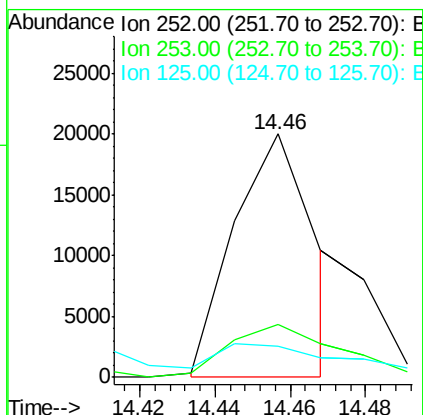
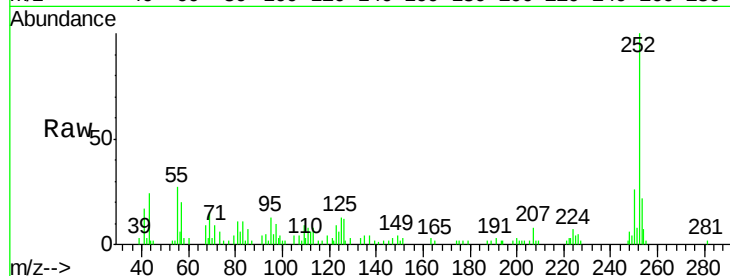
ClientSampleId :

P005-TS03-01

Tot Ion	Ratio	Resp	Lower	Upper
252	100	29728		
253	22.0		17.5	26.3
125	12.8		17.1	25.7#

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#89

Benzo(a)pyrene

Concen: 3.18 ng

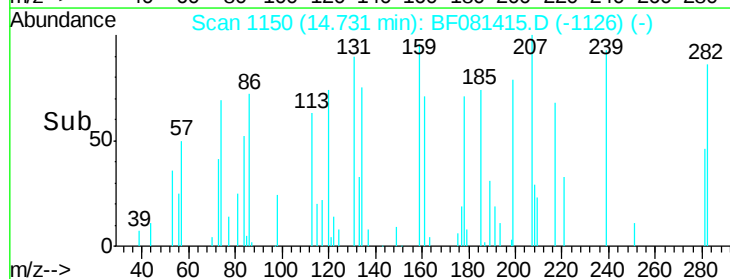
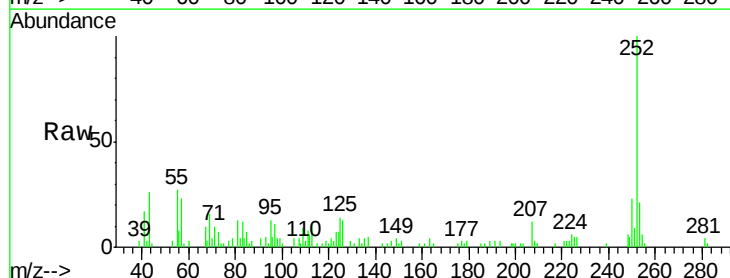
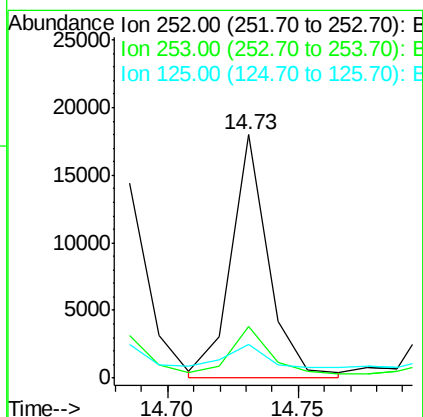
RT: 14.73 min Scan# 1150

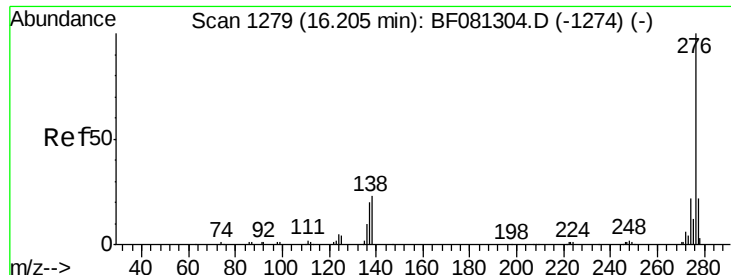
Delta R.T. -0.02 min

Lab File: BF081415.D

Acq: 4 Sep 2015 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	18021		
253	21.4		17.2	25.8
125	13.8		18.0	27.0#





#91
 Benzo(a,h,i)perylene
 Concen: 2.13 ng
 RT: 16.18 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF081415.D
 Acq: 4 Sep 2015 11:30

Instrument :
 BNA_F
 ClientSampleId :
 P005-TS03-01

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.4	17.8	26.6#
138	23.2	34.6	51.8#

Manual Integrations
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