

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081030.D
 Acq On : 18 Aug 2015 5:20
 Operator : UM/IZ
 Sample : G3310-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS04-0012-01

Manual Integrations
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 8/18/2015 5:13:25 PM

Quant Time: Aug 18 06:06:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	56059	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	198994	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	84420	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	150357	20.00	ng	0.00
75) Chrysene-d12	13.75	240	116656	20.00	ng	0.00
86) Perylene-d12	15.11	264	94599	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	349832	93.86	ng	0.01
7) Phenol-d6	6.27	99	499938	102.81	ng	0.01
23) Nitrobenzene-d5	7.20	82	320331	73.54	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	71087	97.14	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	475607	73.82	ng	0.00
78) Terphenyl-d14	12.72	244	321905	59.16	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.39	163	97800	14.07	ng	# 99
74) Fluoranthene	12.33	202	34587	3.60	ng	94
77) Pyrene	12.56	202	34766	3.67	ng	98
80) Benzo(a)anthracene	13.74	228	21333	2.73	ng	# 86
82) Chrysene	13.77	228	16252m	2.31	ng	
83) Bis(2-ethylhexyl)phthalate	13.76	149	21269	4.07	ng	# 97
87) Benzo(b)fluoranthene	14.74	252	19383m	2.90	ng	
89) Benzo(a)pyrene	15.05	252	16393	2.81	ng	95

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

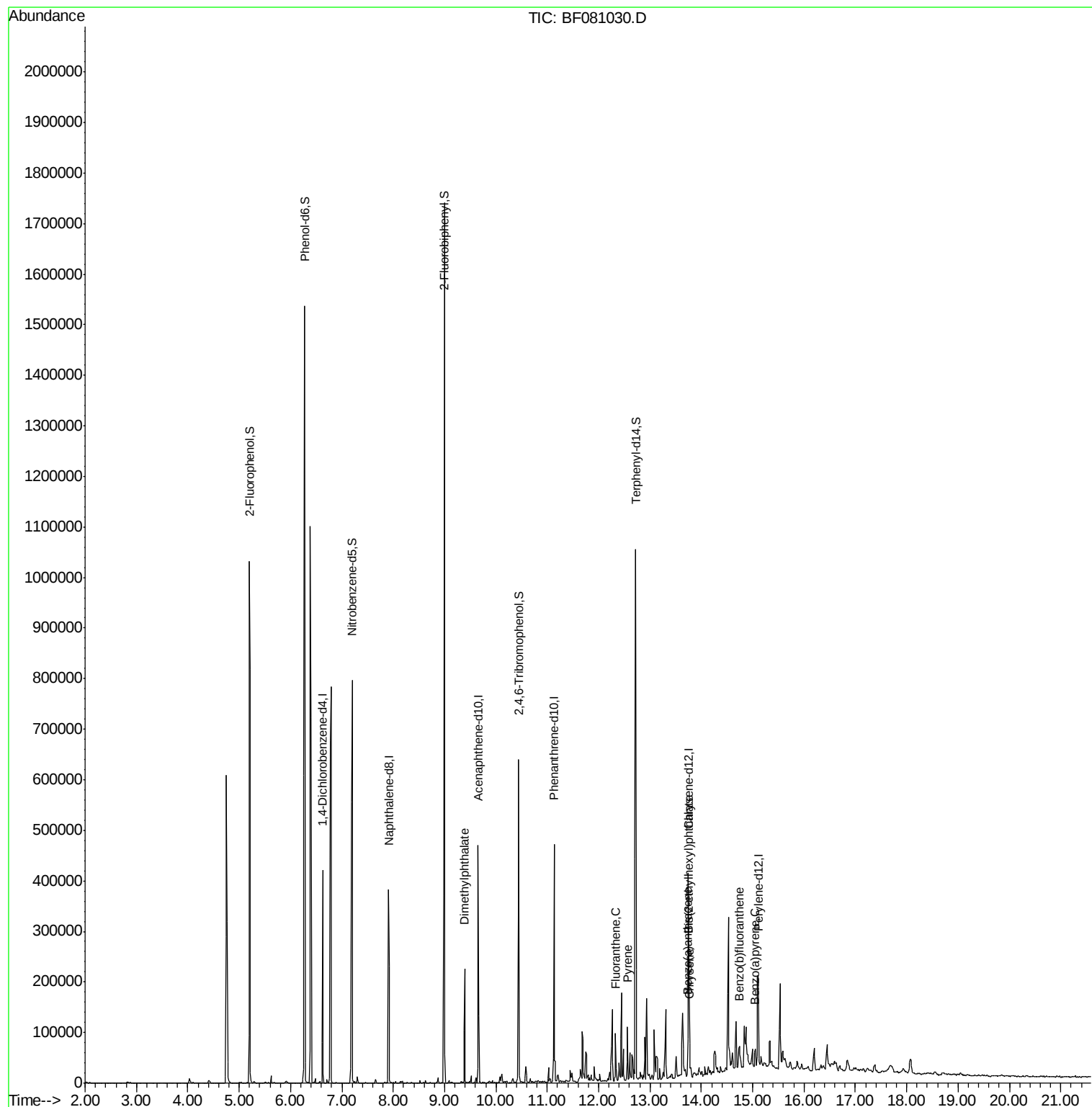
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Misc :
ALS Vial : 28 Sample Multiplier: 1

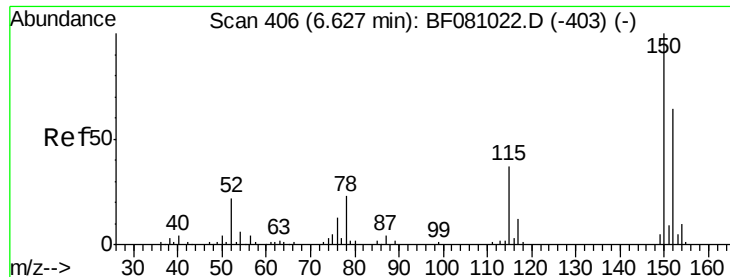
Instrument :
BNA_F
ClientSampleId :
P001-DS04-0012-01

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#1

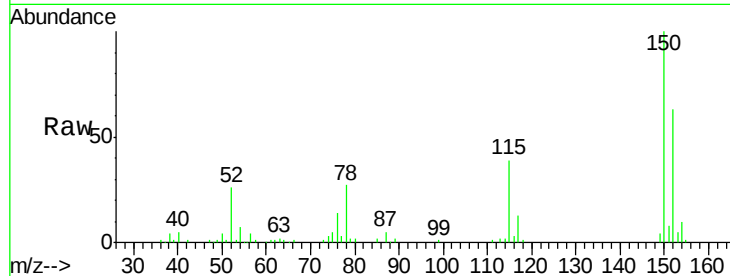
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF081030.D
Acq: 18 Aug 2015 5:20

Instrument :
BNA_F
ClientSampleId :
P001-DS04-0012-01

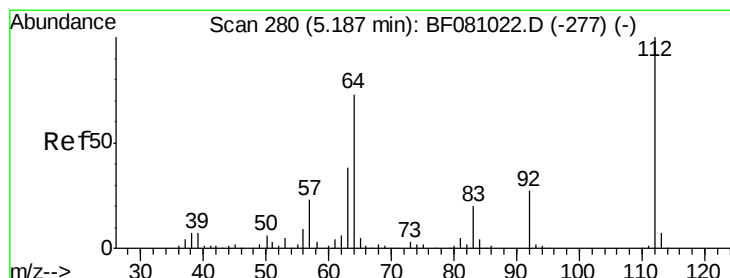
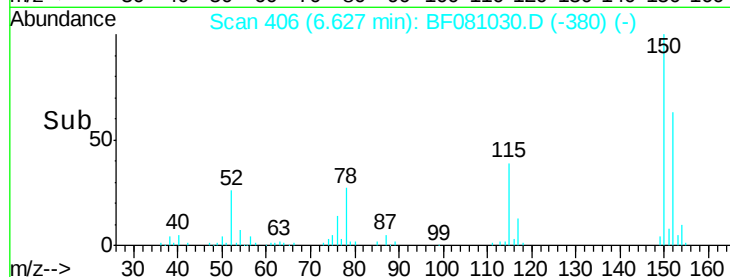
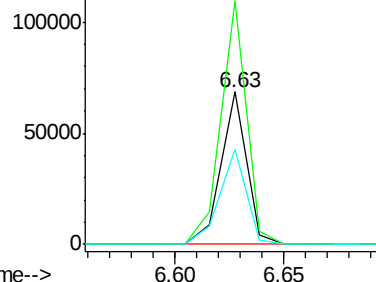
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.8	123.8	185.6
115	62.5	52.1	78.1

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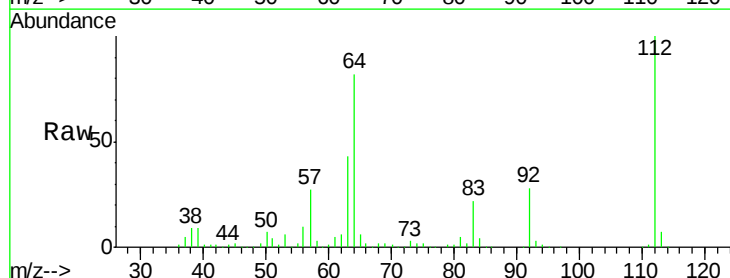
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



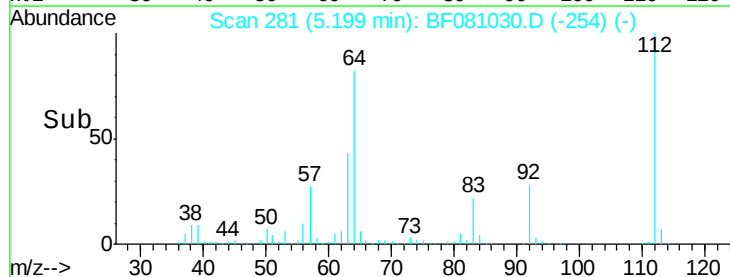
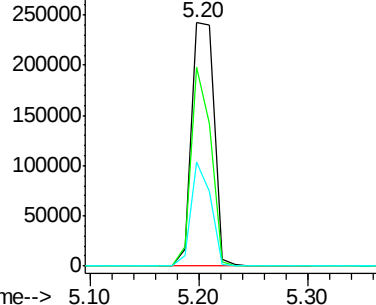
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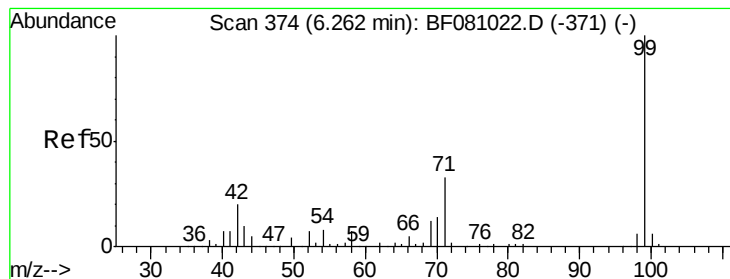
2-Fluorophenol
Concen: 93.86 ng
RT: 5.20 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF081030.D
Acq: 18 Aug 2015 5:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	81.7	66.9	100.3
63	42.8	38.1	57.1



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: 102.81 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF081030.D

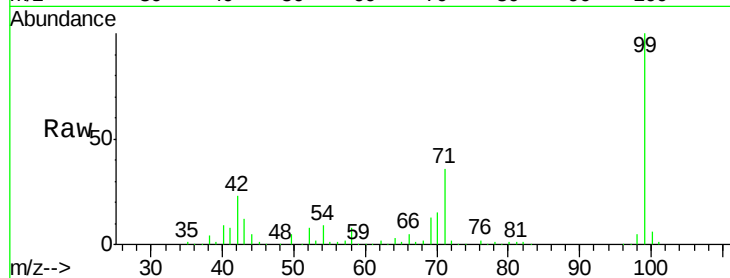
Acq: 18 Aug 2015 5:20

Instrument :

BNA_F

ClientSampleId :

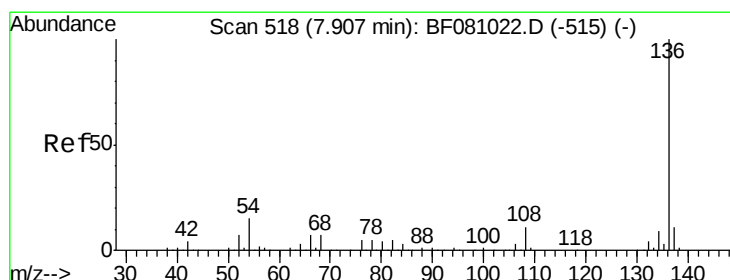
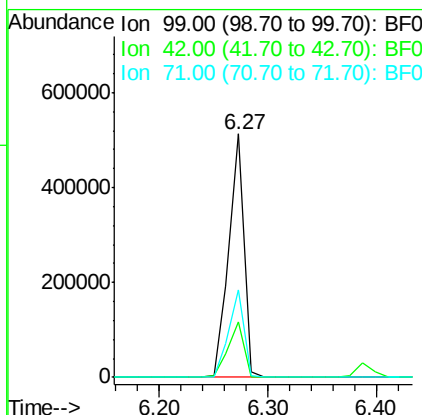
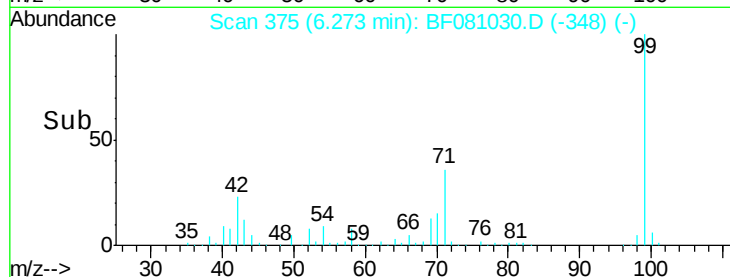
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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	499938		
42	22.8	19.6	29.4	
71	35.9	31.2	46.8	

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#21

Naphthalene-d8

Concen: 20.00 ng

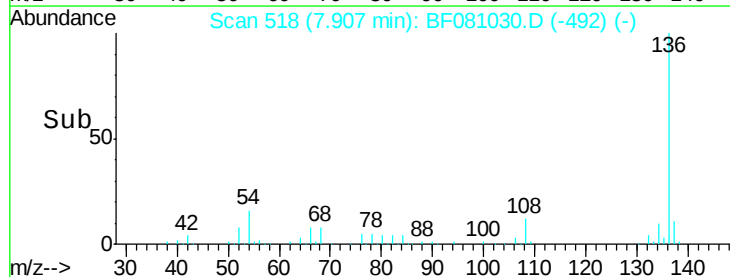
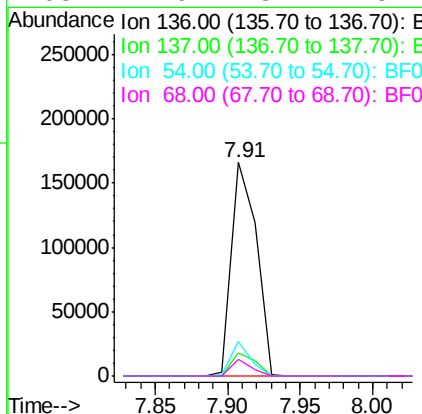
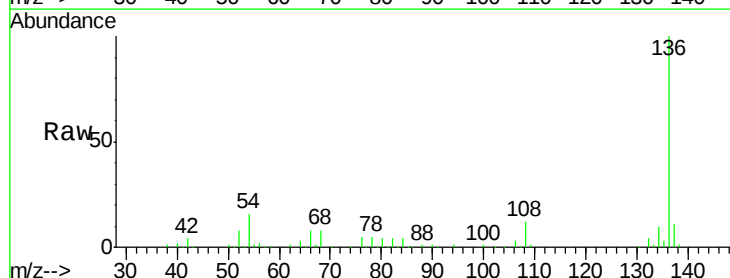
RT: 7.91 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF081030.D

Acq: 18 Aug 2015 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	198994		
137	10.9	8.2	12.2	
54	15.9	7.7	11.5#	
68	7.9	3.4	5.2#	





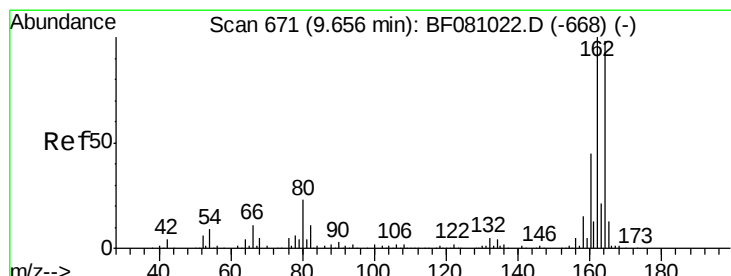
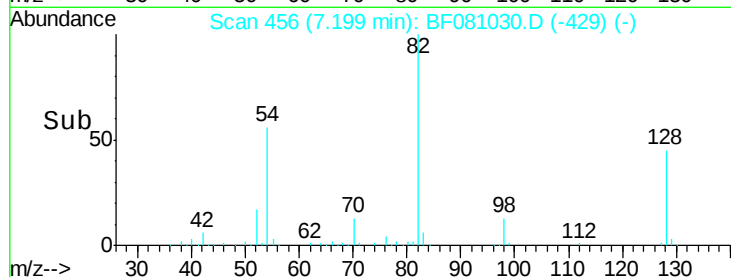
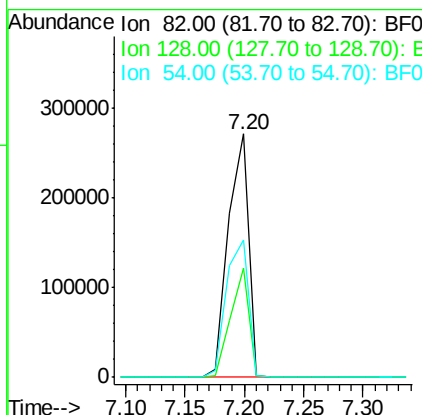
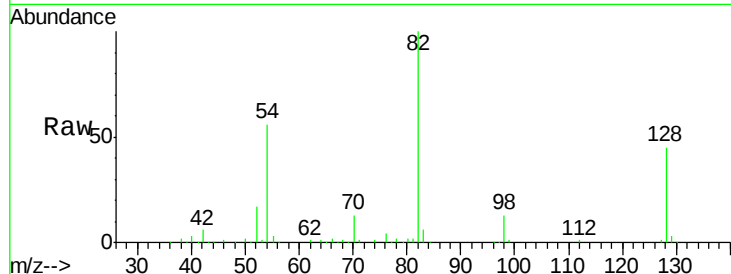
#23
 Nitrobenzene-d5
 Concen: 73.54 ng
 RT: 7.20 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: BF081030.D
 Acq: 18 Aug 2015 5:20

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS04-0012-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	45.1	28.6	42.8#
54	56.3	55.1	82.7

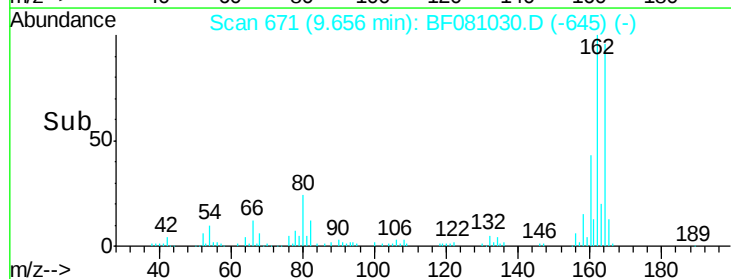
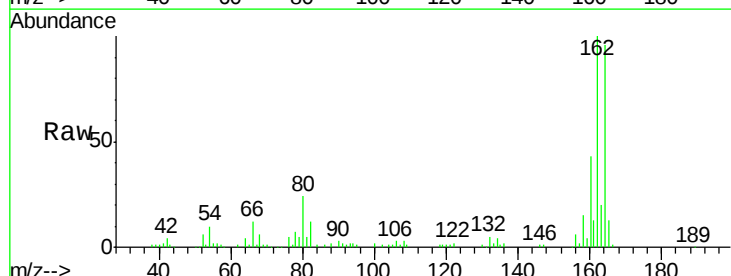
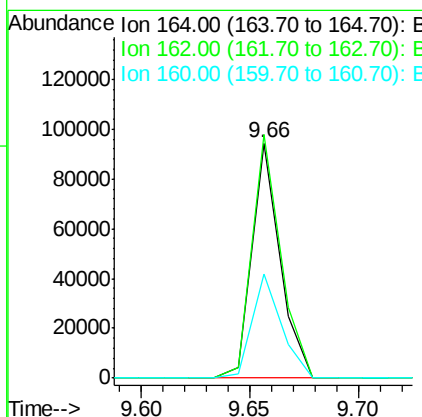
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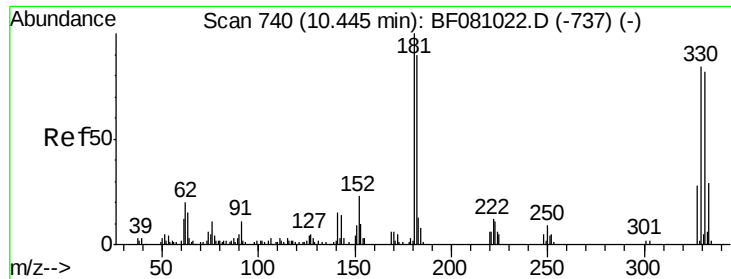
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF081030.D
 Acq: 18 Aug 2015 5:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	103.7	83.8	125.8
160	44.6	39.8	59.8





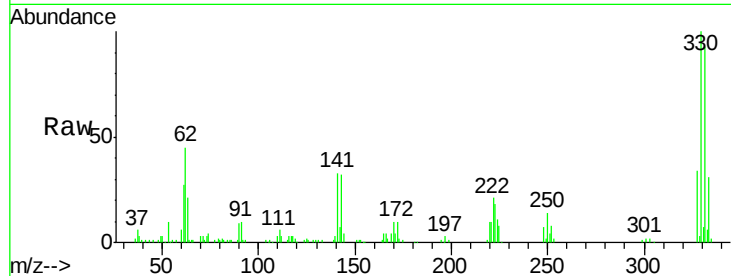
#41
 2,4,6-Tribromophenol
 Concen: 97.14 ng
 RT: 10.44 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081030.D
 Acq: 18 Aug 2015 5:20

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS04-0012-01

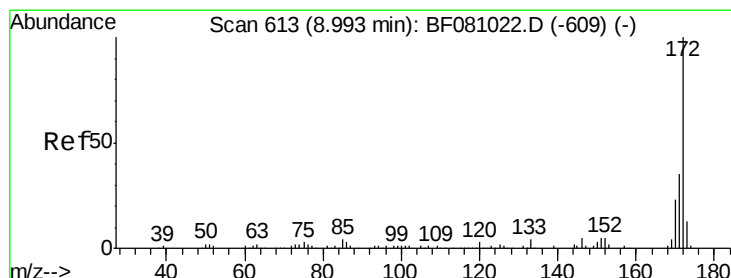
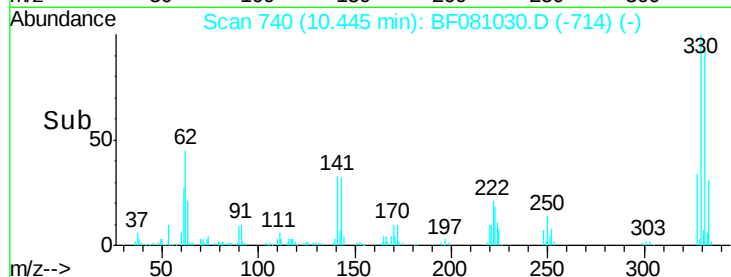
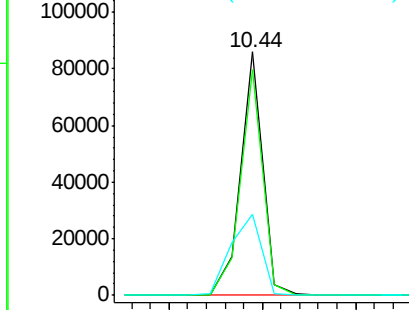
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	71087		
332	93.8		77.3	115.9
141	46.9		44.9	67.3

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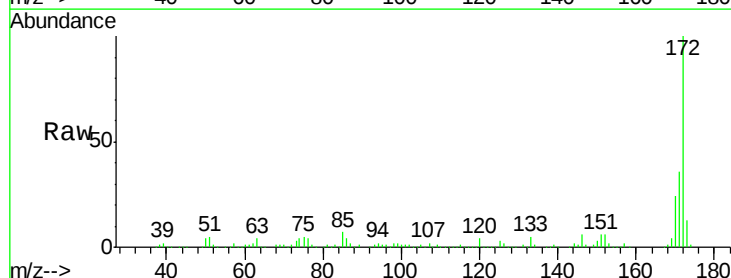


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

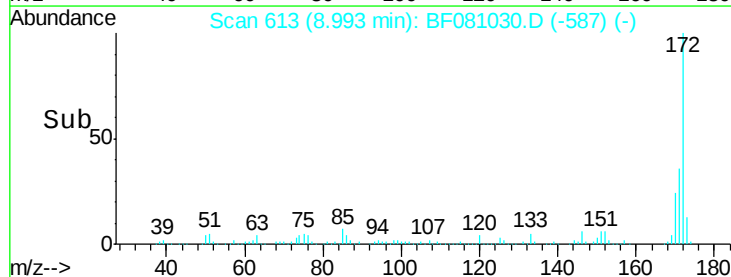
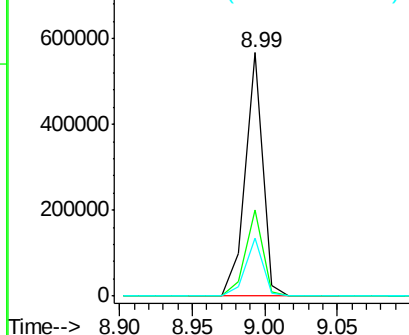


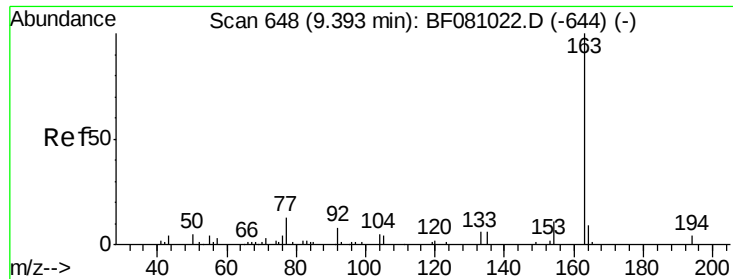
#44
 2-Fluorobiphenyl
 Concen: 73.82 ng
 RT: 8.99 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF081030.D
 Acq: 18 Aug 2015 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	475607		
171	35.6		28.9	43.3
170	23.8		19.4	29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





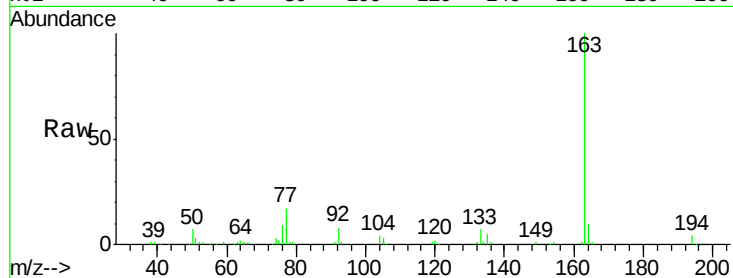
#49
Dimethylphthalate
Concen: 14.07 ng
RT: 9.39 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF081030.D
Acq: 18 Aug 2015 5:20

Instrument :
BNA_F
ClientSampleId :
P001-DS04-0012-01

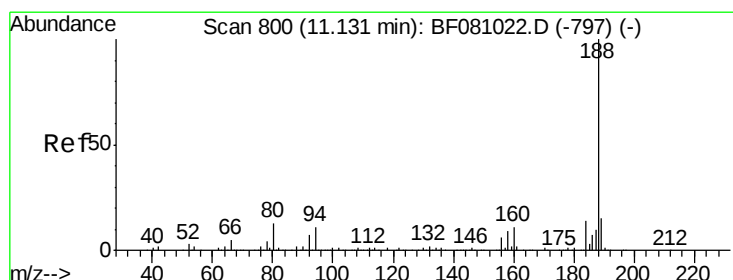
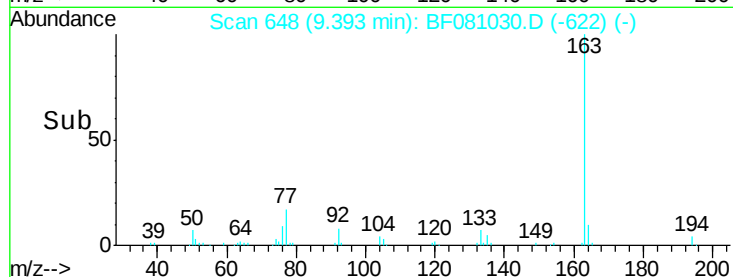
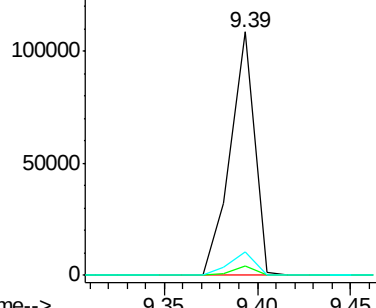
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.5	3.7#
164	9.7	8.1	12.1

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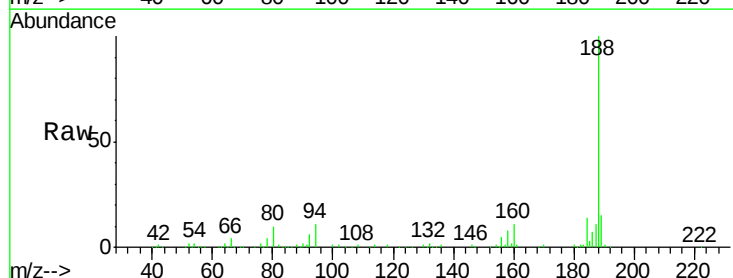


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

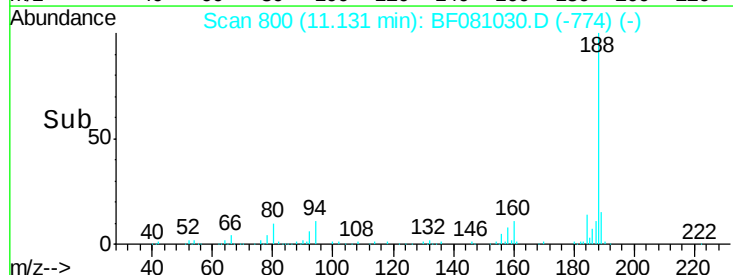
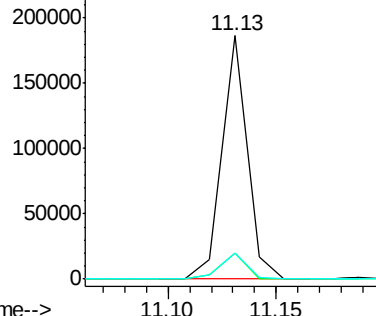


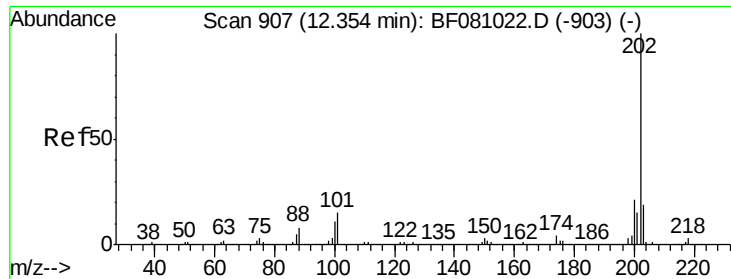
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF081030.D
Acq: 18 Aug 2015 5:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.5	8.2	12.2
80	10.5	9.5	14.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 3.60 ng

RT: 12.33 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF081030.D

Acq: 18 Aug 2015 5:20

Instrument :

BNA_F

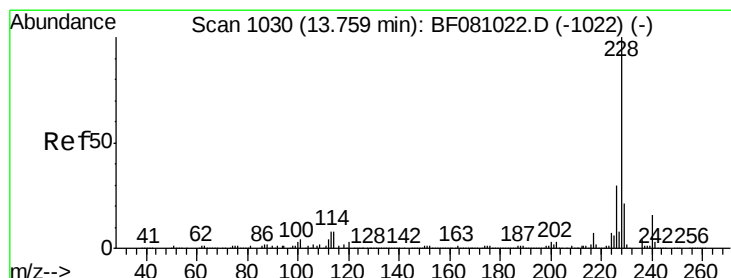
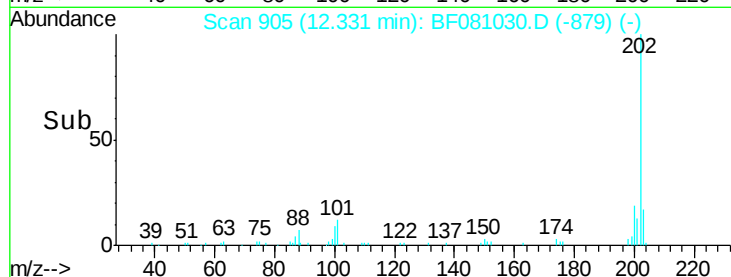
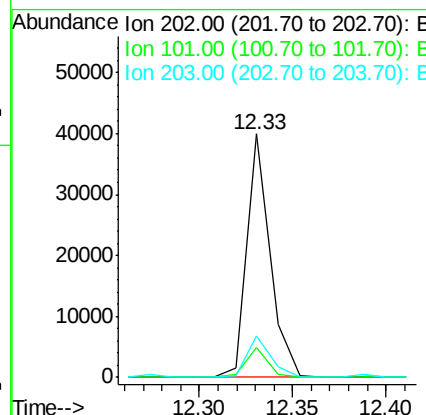
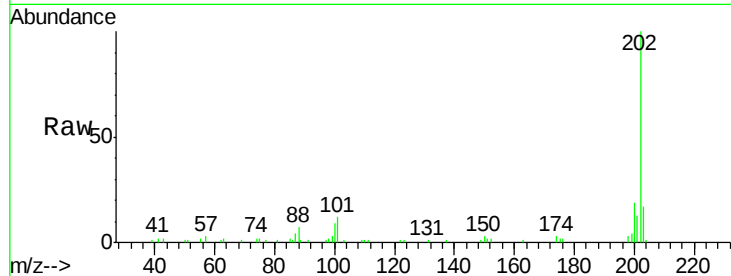
ClientSampleId :

P001-DS04-0012-01

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		34587		
101	12.2	0.0	24.8		
203	17.3	0.0	36.9		

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#75

Chrysene-d12

Concen: 20.00 ng

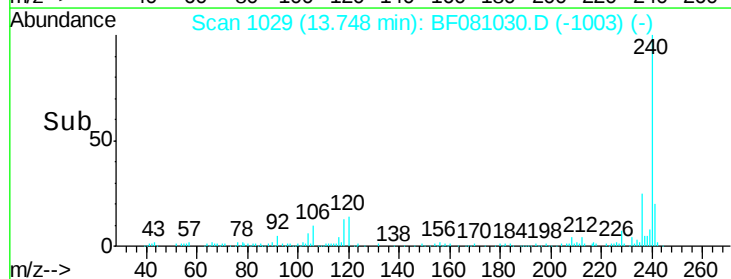
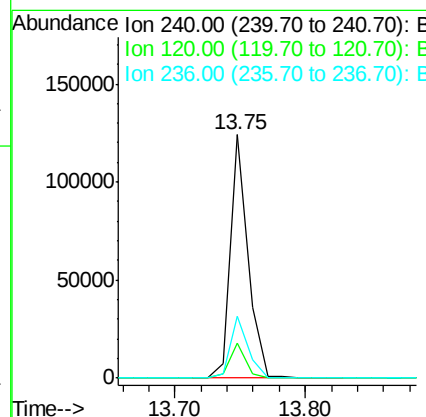
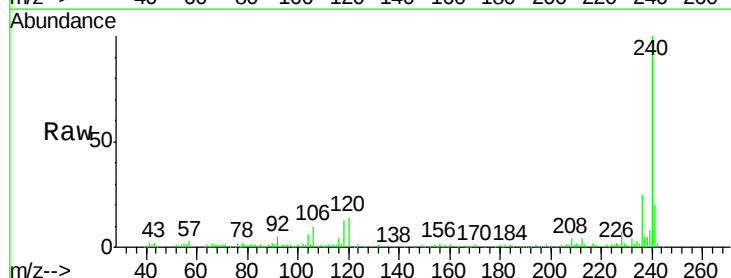
RT: 13.75 min Scan# 1029

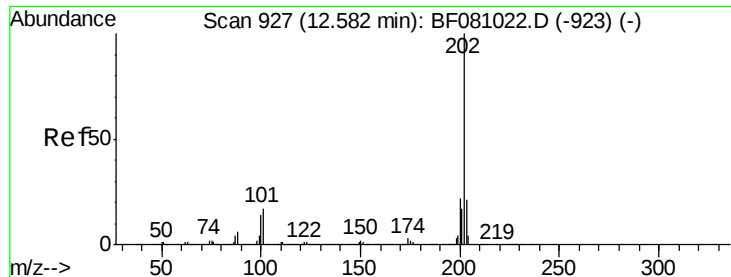
Delta R.T. 0.00 min

Lab File: BF081030.D

Acq: 18 Aug 2015 5:20

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		116656		
120	14.2	5.6	8.4#		
236	25.3	20.6	30.8		





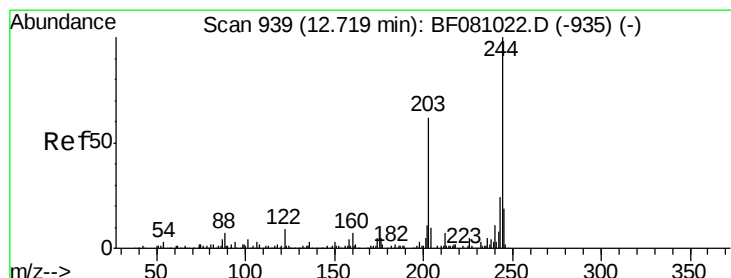
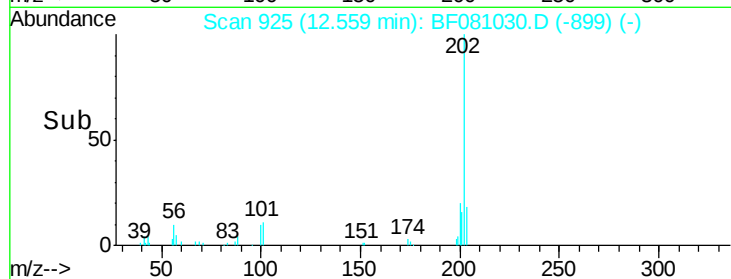
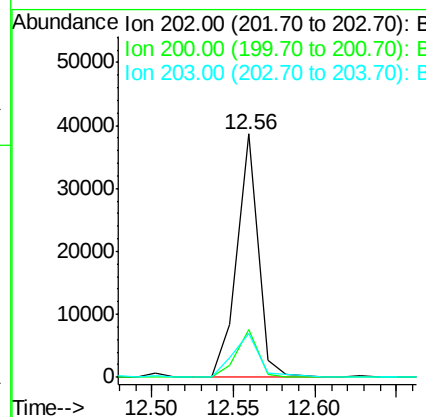
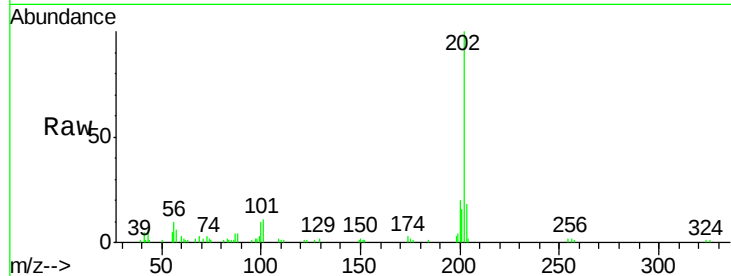
#77
 Pyrene
 Concen: 3.67 ng
 RT: 12.56 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF081030.D
 Acq: 18 Aug 2015 5:20

Instrument :
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 P001-DS04-0012-01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	34766		
200	19.5	16.6	24.8	
203	18.0	14.1	21.1	

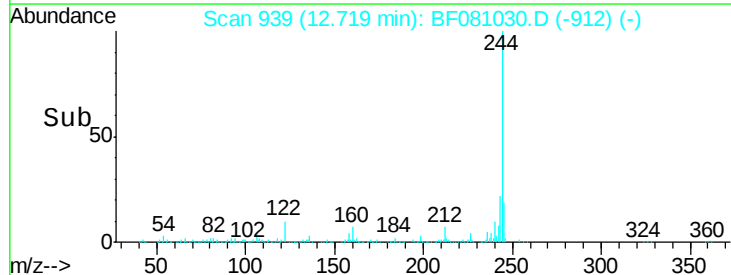
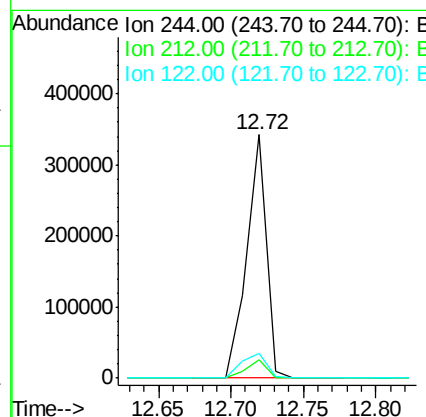
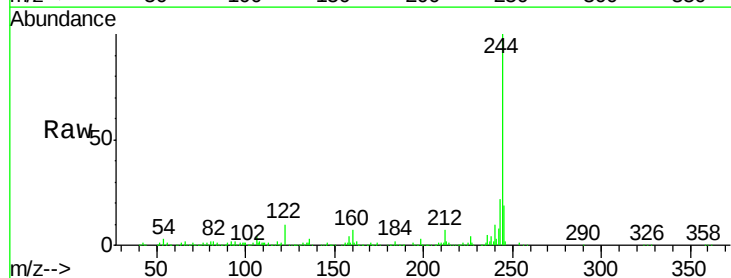
Manual Integrations
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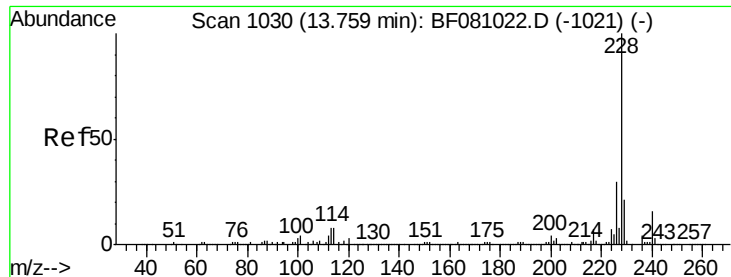
MMDadoda
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#78
 Terphenyl-d14
 Concen: 59.16 ng
 RT: 12.72 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: BF081030.D
 Acq: 18 Aug 2015 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	321905		
212	7.4	5.8	8.8	
122	10.0	8.2	12.4	





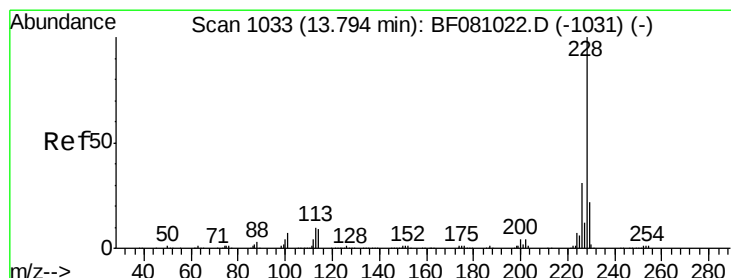
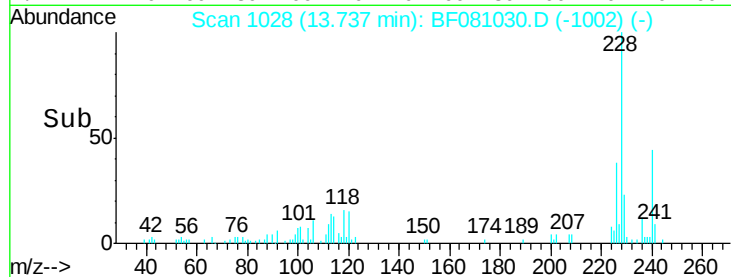
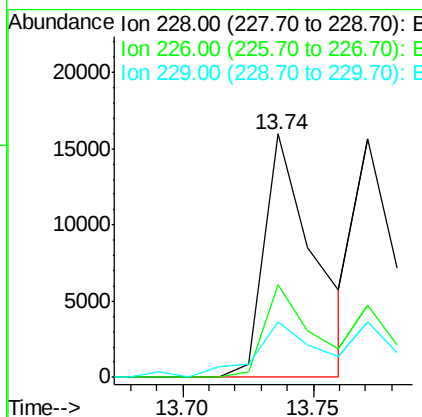
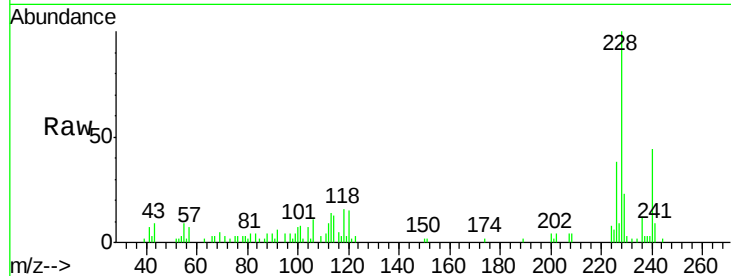
#80
Benzo(a)anthracene
Concen: 2.73 ng
RT: 13.74 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF081030.D
Acq: 18 Aug 2015 5:20

Instrument :
BNA_F
ClientSampleId :
P001-DS04-0012-01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.9	22.3	33.5#
229	22.7	15.9	23.9

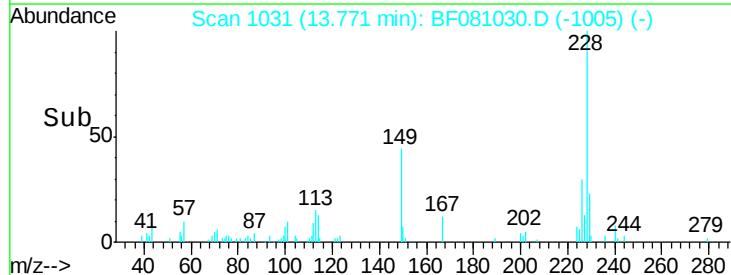
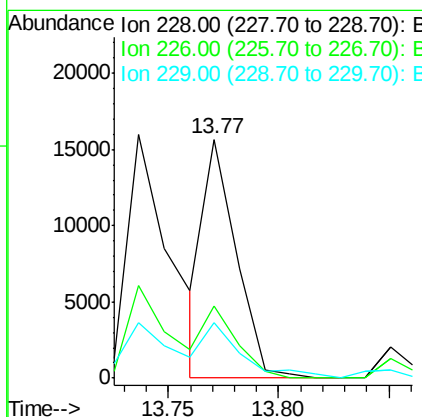
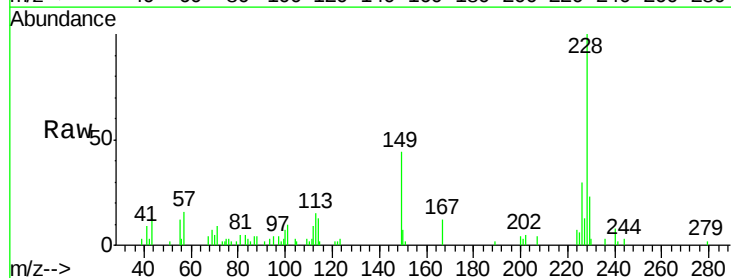
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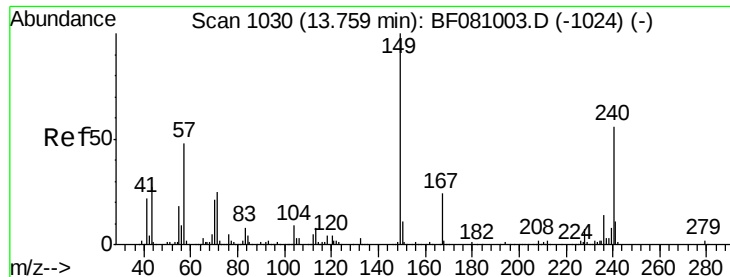
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#82
Chrysene
Concen: 2.31 ng m
RT: 13.77 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF081030.D
Acq: 18 Aug 2015 5:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	23.1	16.0	24.0





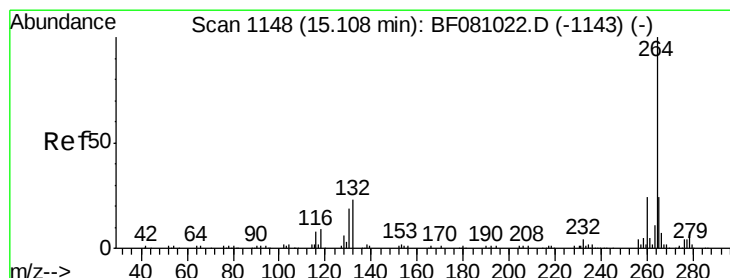
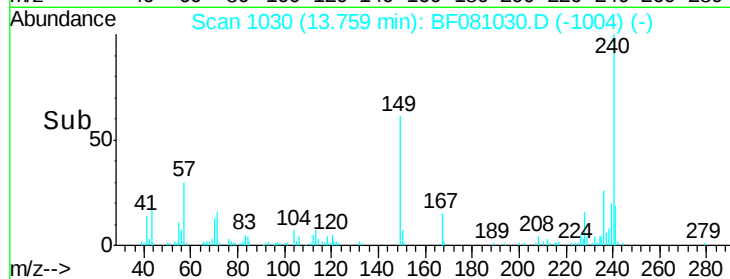
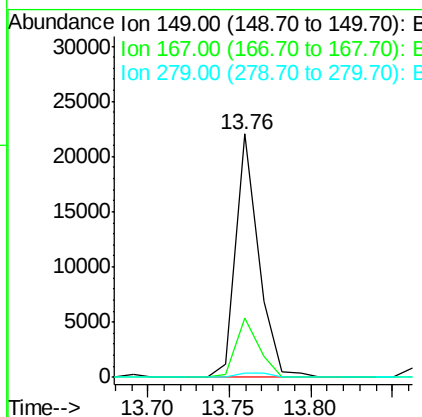
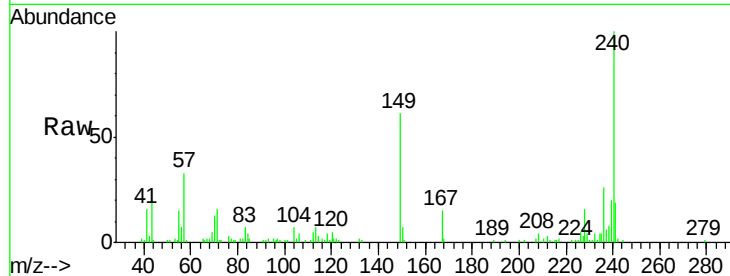
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.07 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF081030.D
 Acq: 18 Aug 2015 5:20

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS04-0012-01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.7	31.1
279	1.6	2.2	3.4

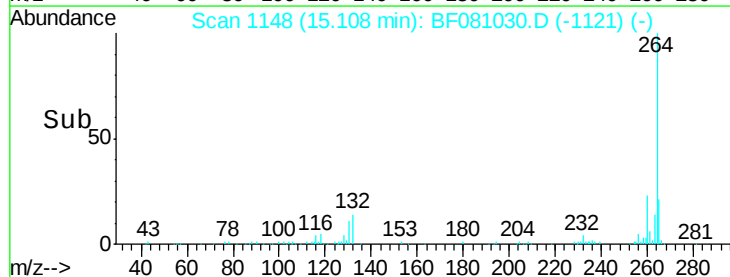
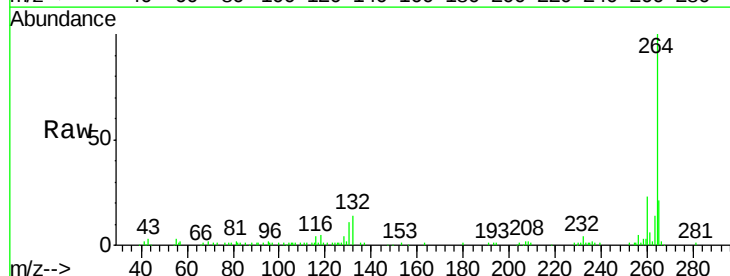
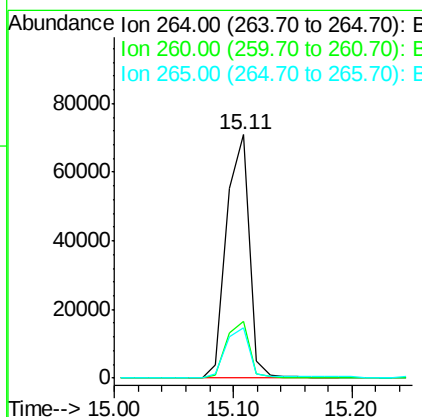
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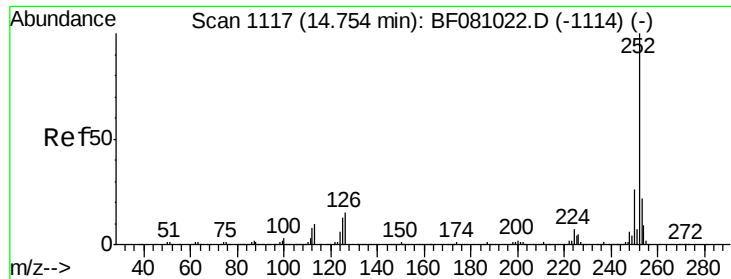
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 8/18/2015 5:13:25 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF081030.D
 Acq: 18 Aug 2015 5:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	20.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.90 ng m

RT: 14.74 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF081030.D

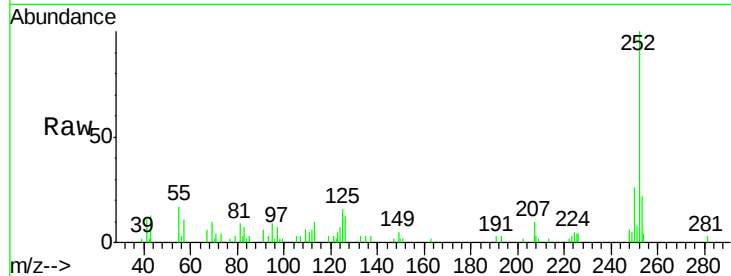
Acq: 18 Aug 2015 5:20

Instrument :

BNA_F

ClientSampleId :

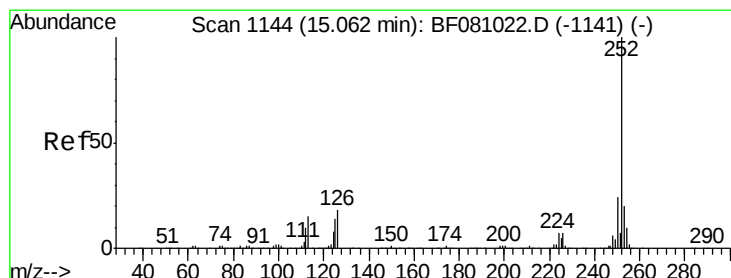
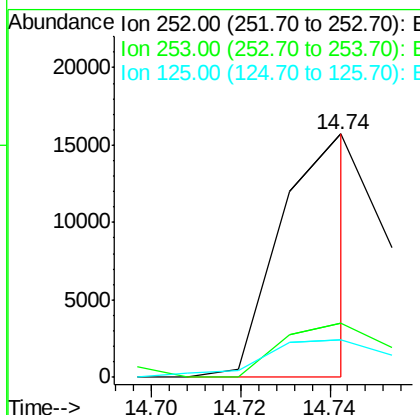
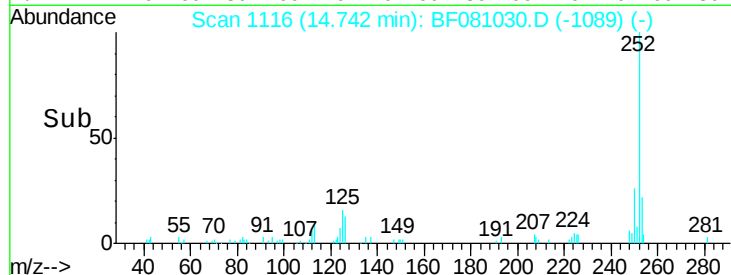
P001-DS04-0012-01



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	19383		
253	22.4	17.1	25.7	
125	15.6	8.0	12.0	

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#89

Benzo(a)pyrene

Concen: 2.81 ng

RT: 15.05 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF081030.D

Acq: 18 Aug 2015 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	16393		
253	23.1	16.6	25.0	
125	11.5	7.8	11.8	

