

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092383.D
 Acq On : 20 Jan 2017 20:10
 Operator : UM/SJ
 Sample : I1265-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1

Manual Integrations
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mohammad
 1/23/2017 2:45:03 PM

Quant Time: Jan 23 11:59:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	185979	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	711054	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	323547	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	444310	20.00	ng	0.00
75) Chrysene-d12	13.66	240	329597	20.00	ng	0.00
86) Perylene-d12	15.02	264	240124	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	34831	3.13	ng	0.03
7) Phenol-d6	6.21	99	47090	3.46	ng	0.02
23) Nitrobenzene-d5	7.10	82	31920	2.50	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	8427	3.15	ng	0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.62	244	52380	3.85	ng	0.00
Target Compounds						
77) Pyrene	12.47	202	128666	5.32	ng	Qvalue 97
80) Benzo(a)anthracene	13.65	228	75374	4.05	ng	97
82) Chrysene	13.70	228	56622m	3.03	ng	
87) Benzo(b)fluoranthene	14.67	252	84500m	5.65	ng	
89) Benzo(a)pyrene	14.97	252	51411	3.87	ng	# 90
91) Benzo(g,h,i)perylene	16.60	276	31718	2.80	ng	# 85

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

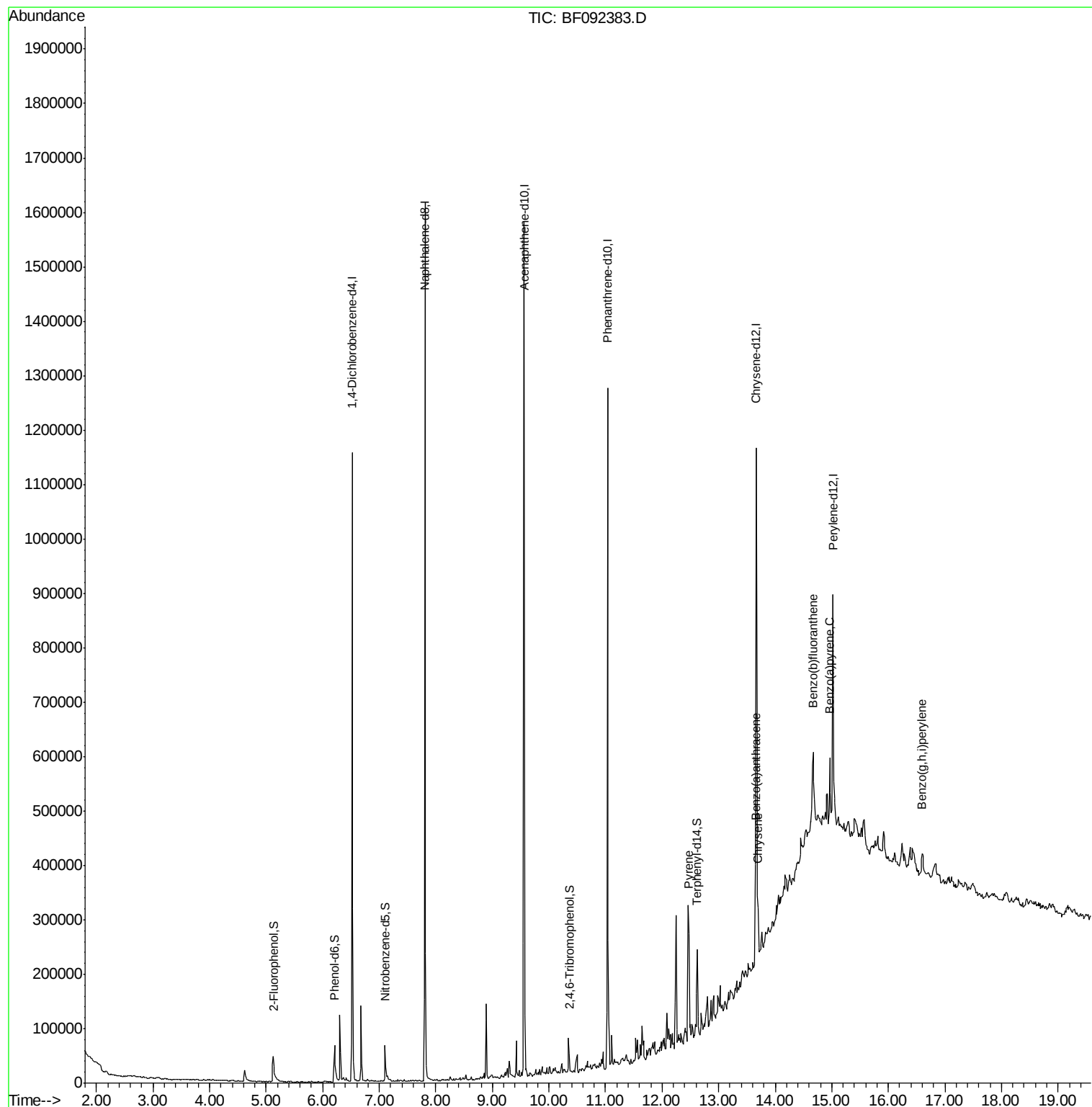
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092383.D
Acq On : 20 Jan 2017 20:10
Operator : UM/SJ
Sample : I1265-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

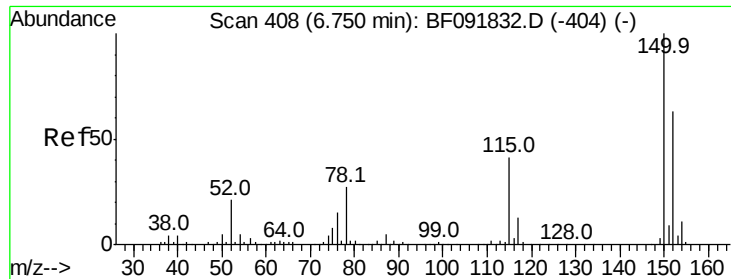
Instrument :
BNA_F
ClientSampleId :
B-1

Manual Integrations
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Quant Time: Jan 23 11:59:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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#1

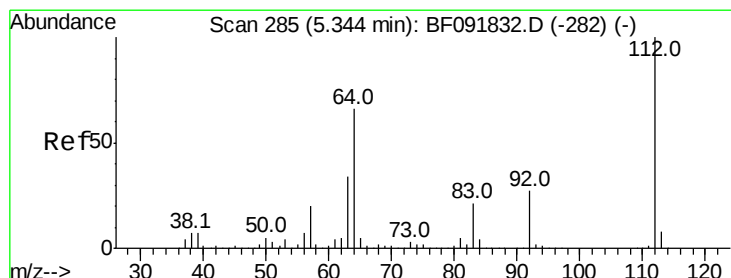
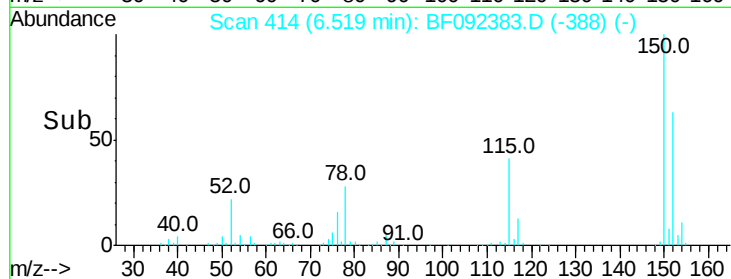
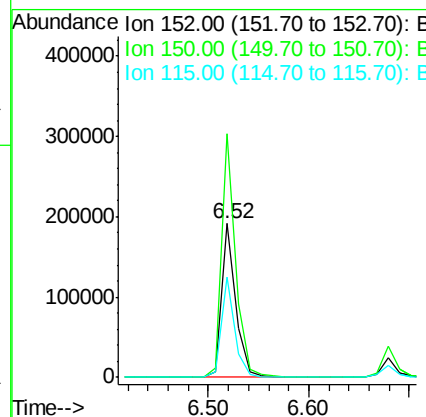
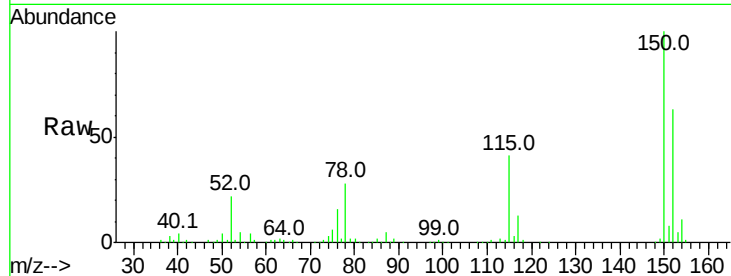
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF092383.D
Acq: 20 Jan 2017 20:10

Instrument :
BNA_F
ClientSampled :
B-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.9	187.3
115	64.9	46.0	69.0

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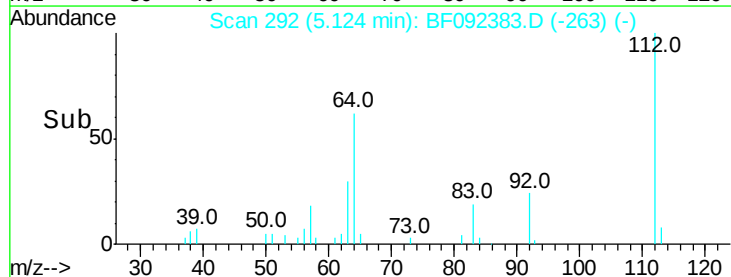
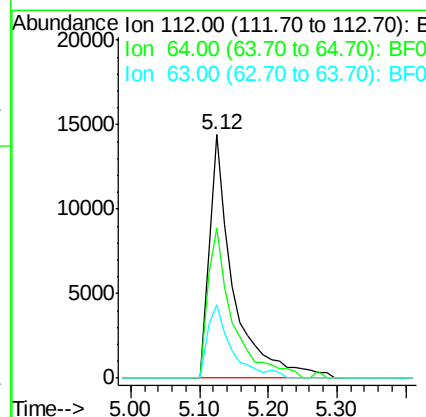
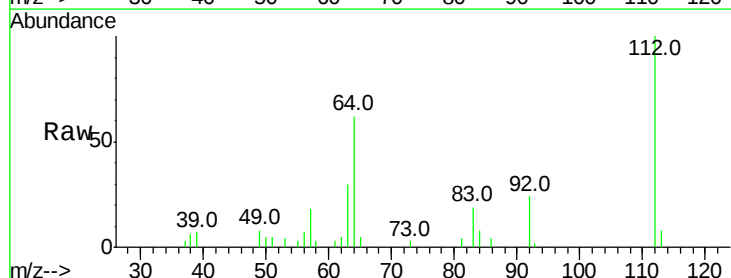
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#5

2-Fluorophenol
Concen: 3.13 ng
RT: 5.12 min Scan# 292
Delta R.T. 0.03 min
Lab File: BF092383.D
Acq: 20 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	46.1	69.1
63	30.2	23.8	35.6





#7

Phenol-d6

Concen: 3.46 ng

RT: 6.21 min Scan# 387

Delta R.T. 0.02 min

Lab File: BF092383.D

Acq: 20 Jan 2017 20:10

Instrument :

BNA_F

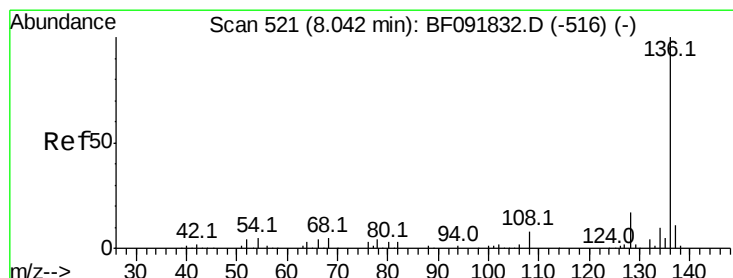
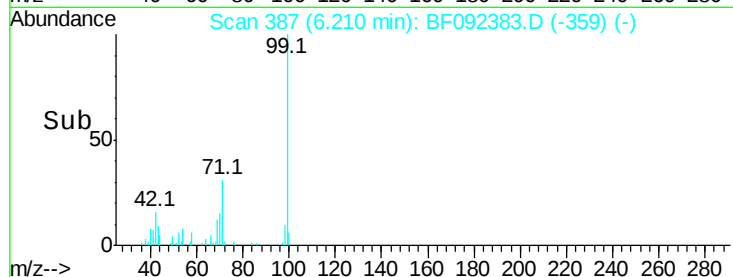
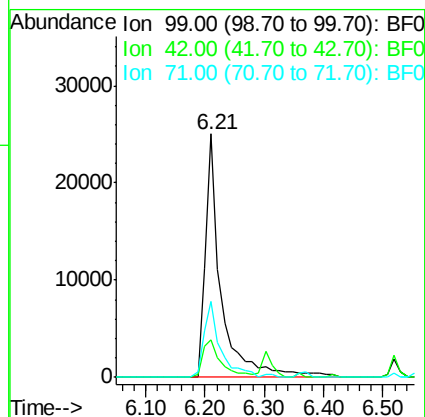
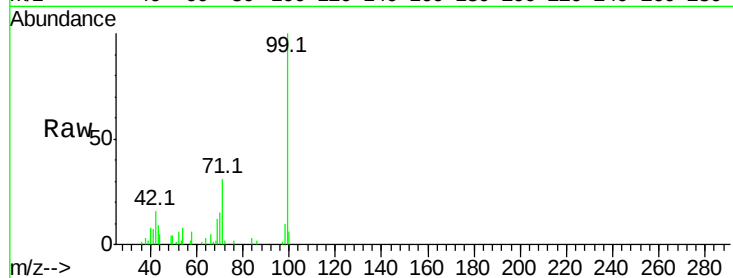
ClientSampleId :

B-1

Tot Ion:	99	Resp:	47090
Ion	Ratio	Lower	Upper
99	100		
42	15.6	15.6	23.4#
71	31.0	27.5	41.3

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#21

Naphthalene-d8

Concen: 20.00 ng

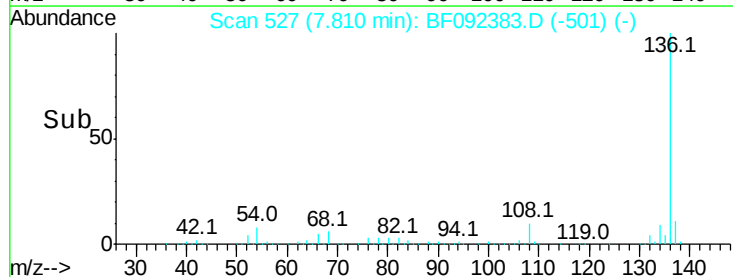
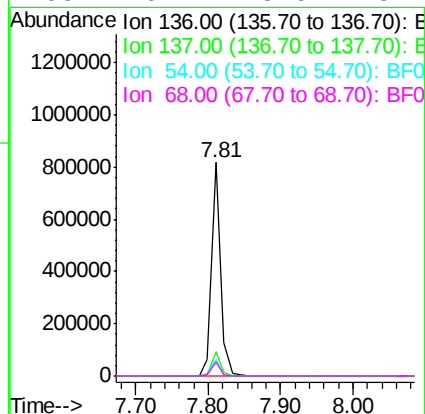
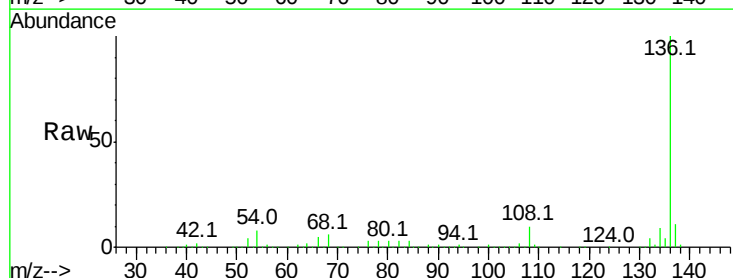
RT: 7.81 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF092383.D

Acq: 20 Jan 2017 20:10

Tgt Ion:	136	Resp:	711054
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.7	4.5	6.7#
68	6.4	3.6	5.4#





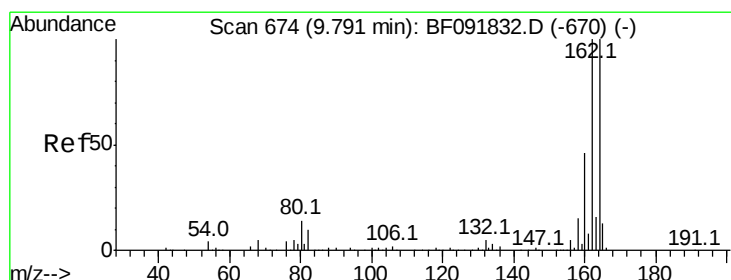
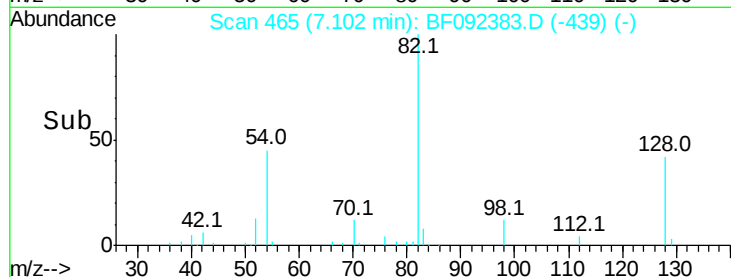
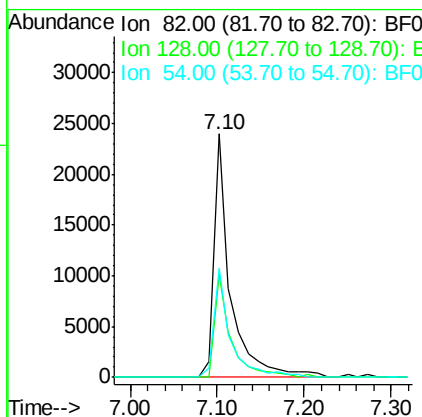
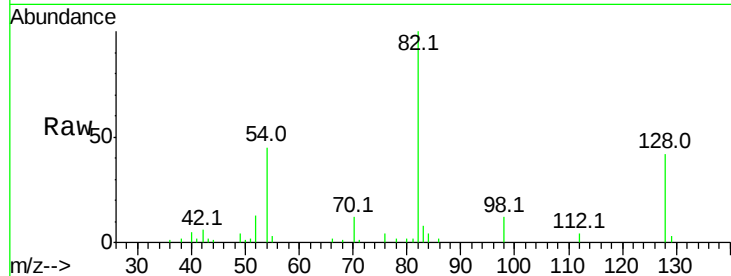
#23
 Nitrobenzene-d5
 Concen: 2.50 ng
 RT: 7.10 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF092383.D
 Acq: 20 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 B-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	45.0	39.5	59.3

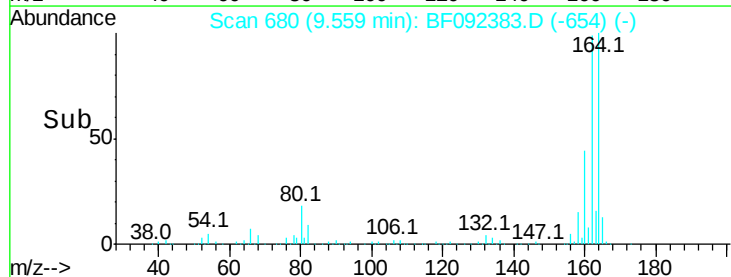
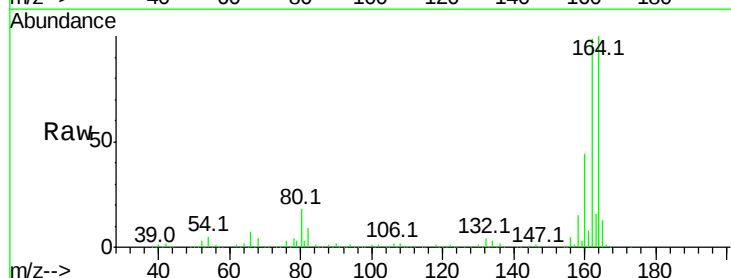
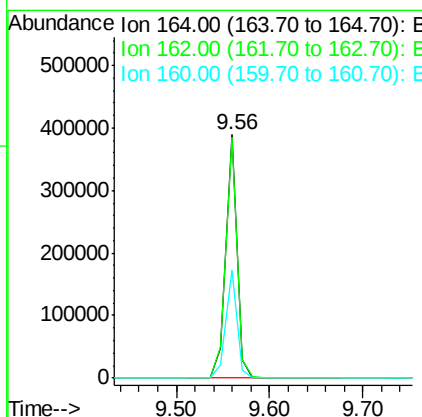
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF092383.D
 Acq: 20 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.2	120.2
160	44.1	36.9	55.3





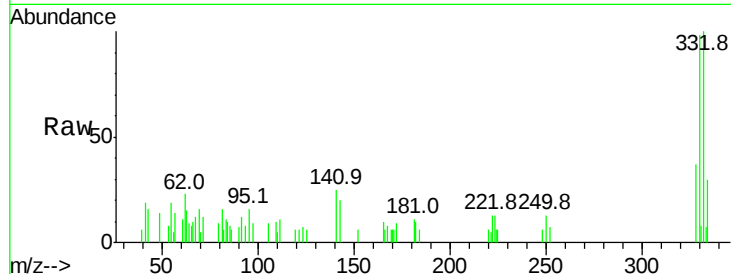
#41
 2,4,6-Tribromophenol
 Concen: 3.15 ng
 RT: 10.36 min Scan# 750
 Delta R.T. 0.01 min
 Lab File: BF092383.D
 Acq: 20 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 B-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.6	77.4	116.2
141	59.7	34.1	51.1

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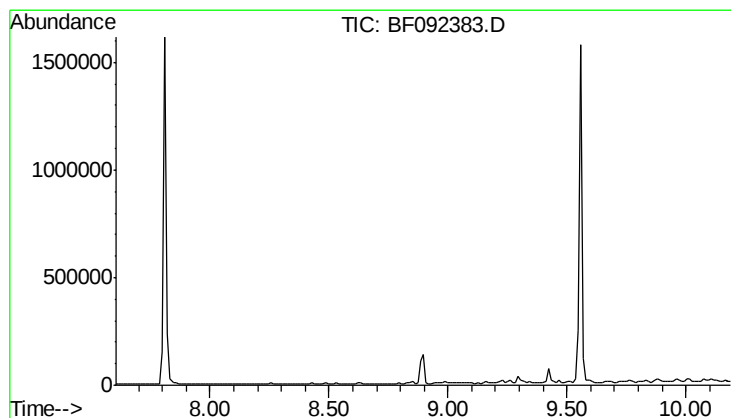
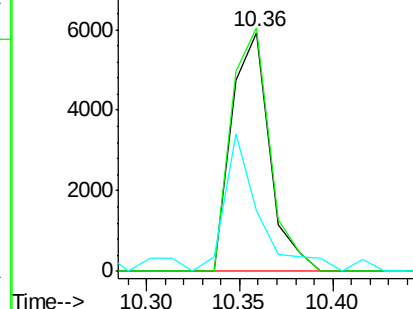
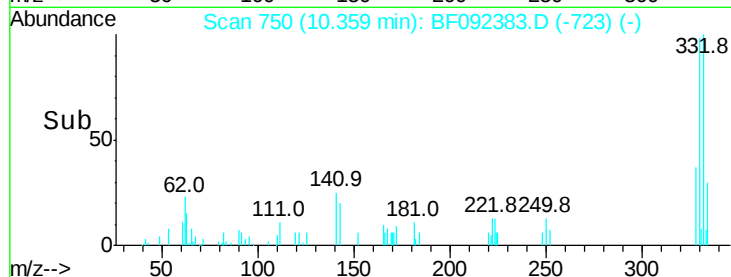


Abundance

Ion 329.80 (329.50 to 330.50): E

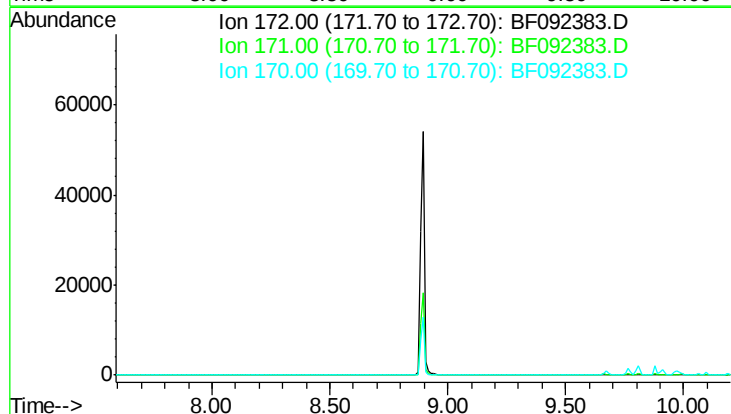
Ion 331.80 (331.50 to 332.50): E

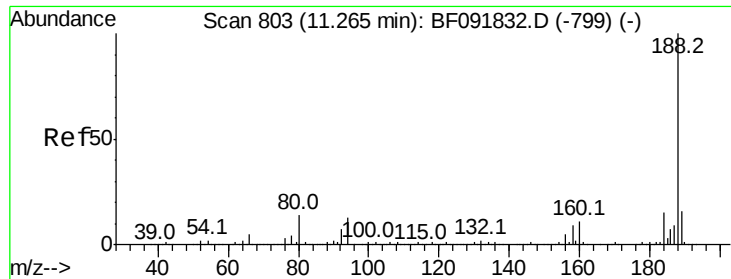
Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 8.90 min
 Lab File: BF092383.D
 Acq: 20 Jan 2017 20:10

Tgt Ion	Sig	Exp Ratio
172	100	
171	36.7	
170	25.3	





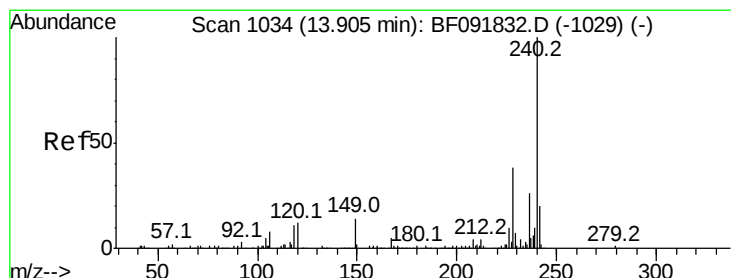
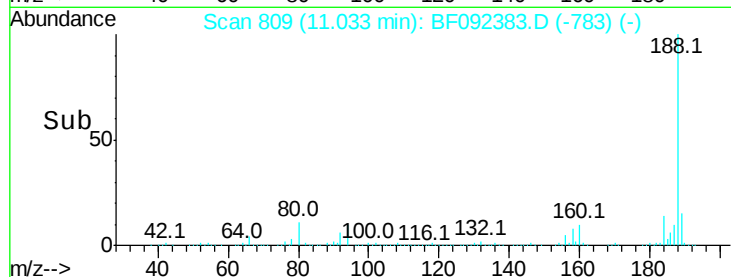
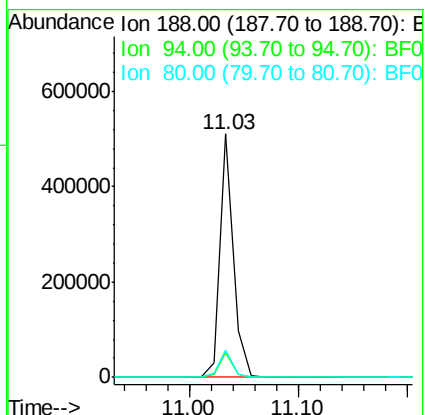
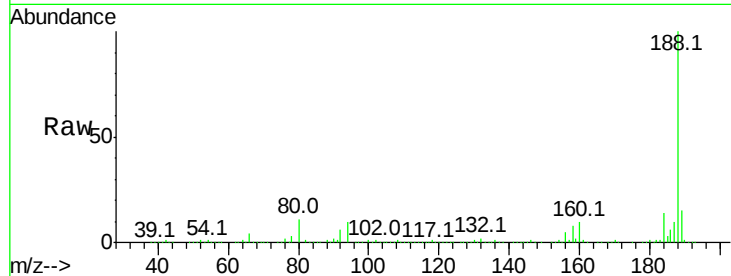
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF092383.D
Acq: 20 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
B-1

Tot Ion	Ratio	Resp	Lower	Upper
188	100	444310		
94	10.4		10.0	15.0
80	11.3		11.2	16.8

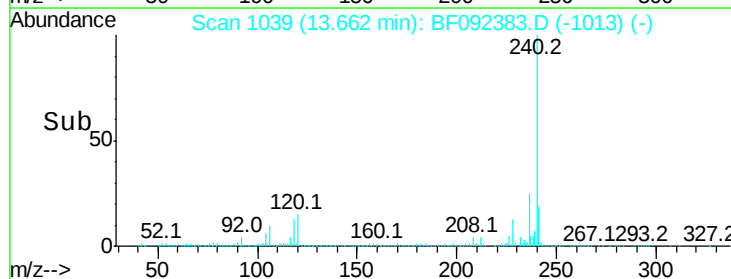
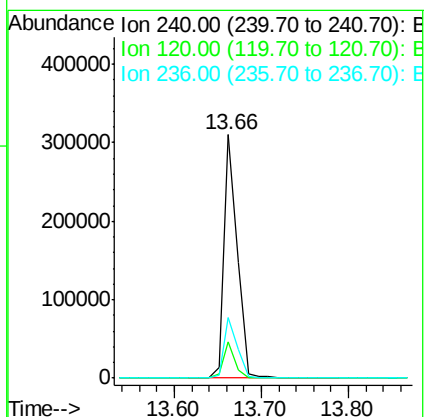
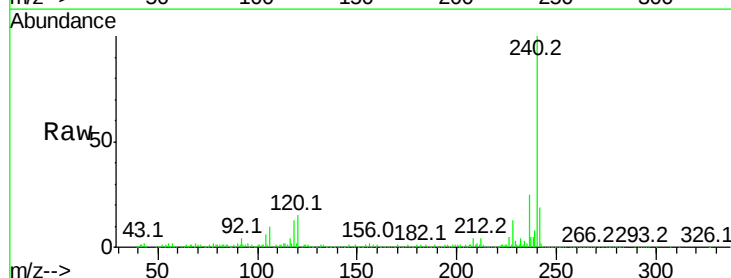
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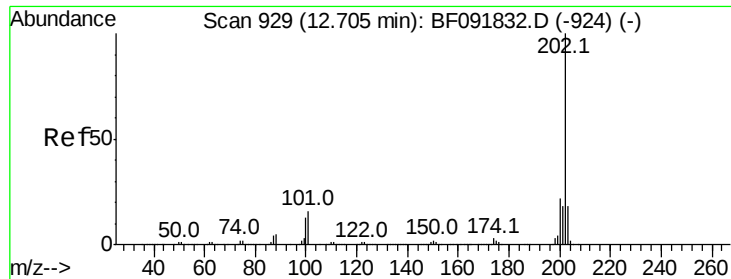
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF092383.D
Acq: 20 Jan 2017 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	329597		
120	14.8		12.9	19.3
236	25.0		20.9	31.3





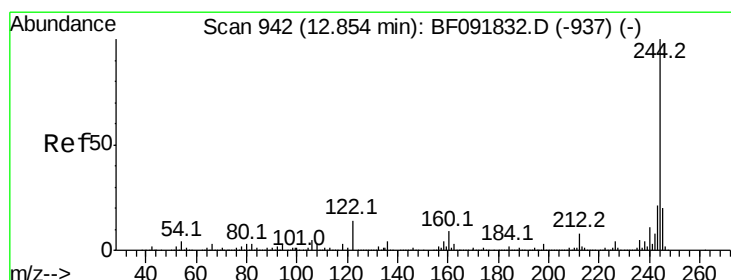
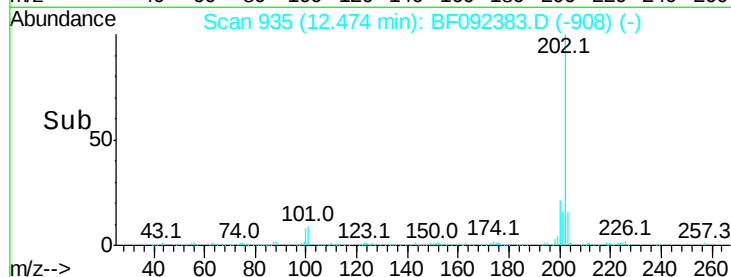
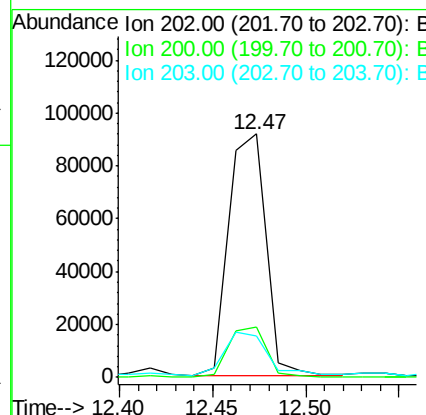
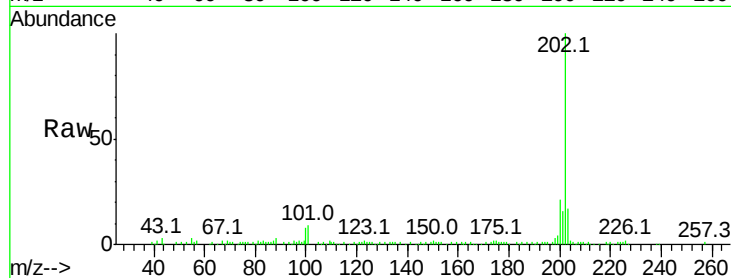
#77
Pvrene
Concen: 5.32 ng
RT: 12.47 min Scan# 935
Delta R.T. 0.01 min
Lab File: BF092383.D
Acq: 20 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
B-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.7	26.5
203	17.0	14.7	22.1

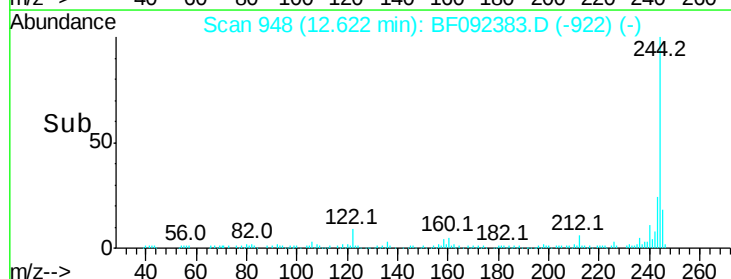
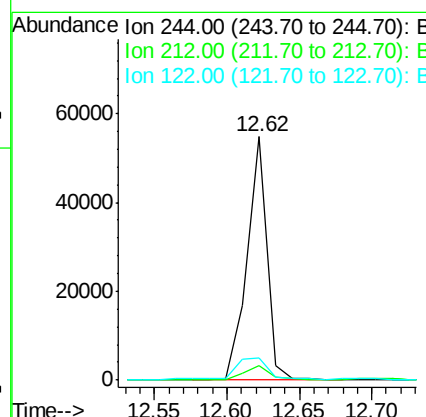
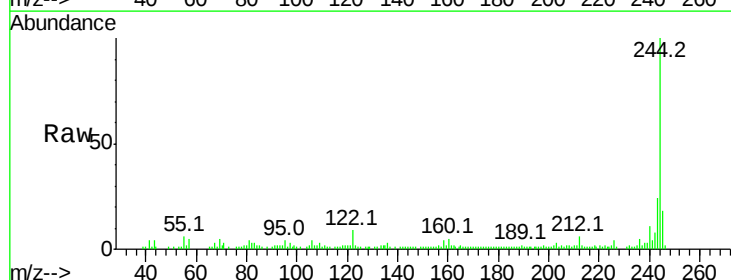
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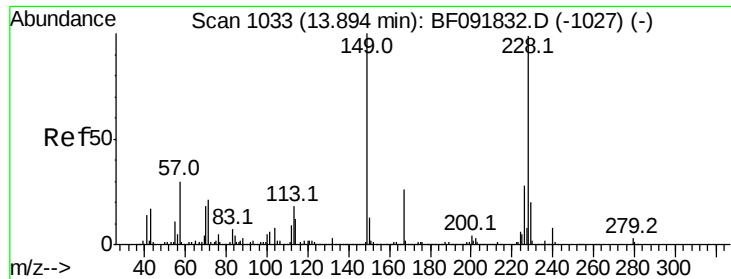
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#78
Terphenyl-d14
Concen: 3.85 ng
RT: 12.62 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF092383.D
Acq: 20 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.2	9.2#
122	9.0	11.4	17.2#





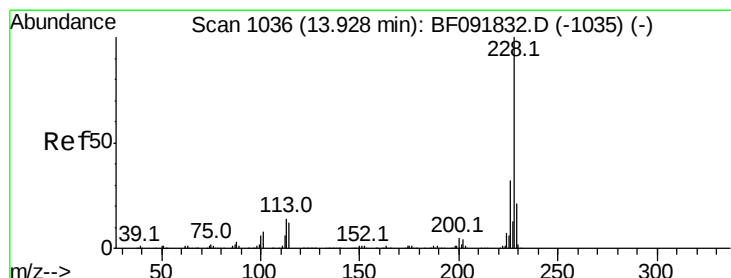
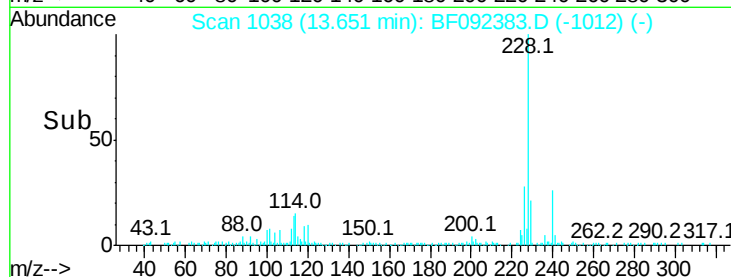
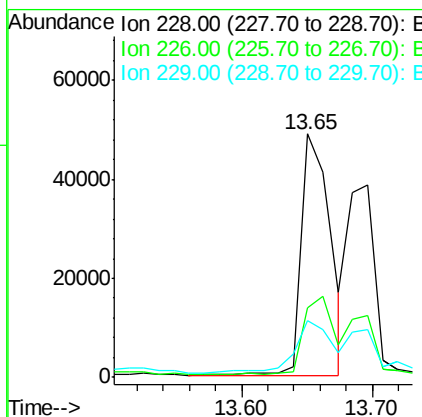
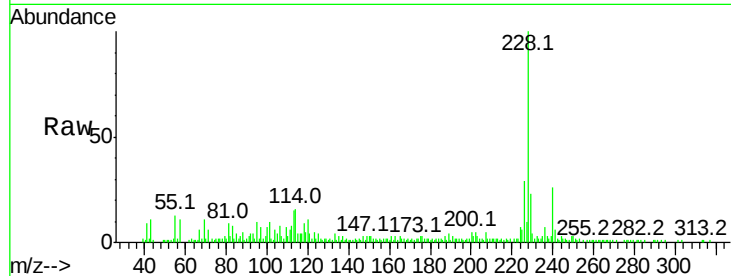
#80
Benzo(a)anthracene
Concen: 4.05 ng
RT: 13.65 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF092383.D
Acq: 20 Jan 2017 20:10

Instrument :
BNA_F
ClientSampled :
B-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	23.1	16.2	24.4

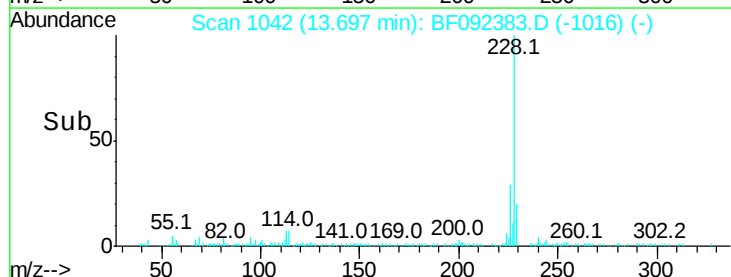
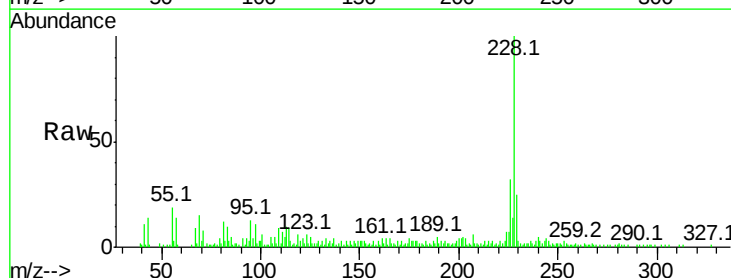
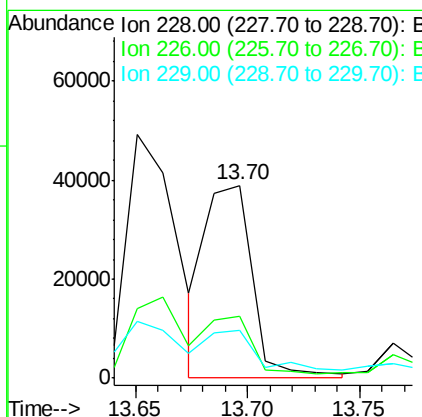
Manual Integrations
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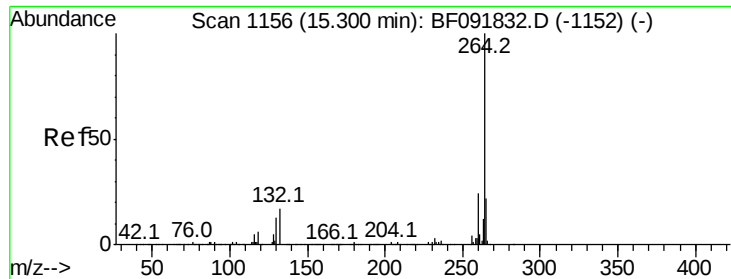
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#82
Chrysene
Concen: 3.03 ng m
RT: 13.70 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF092383.D
Acq: 20 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.0
229	24.6	16.2	24.2





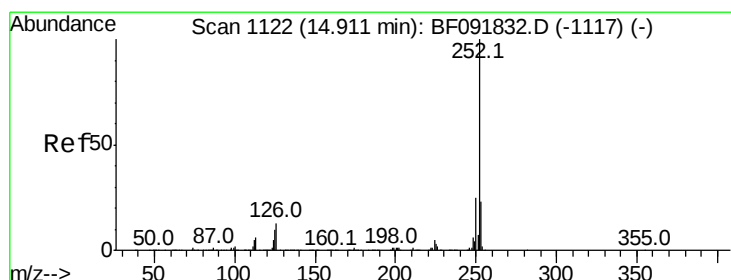
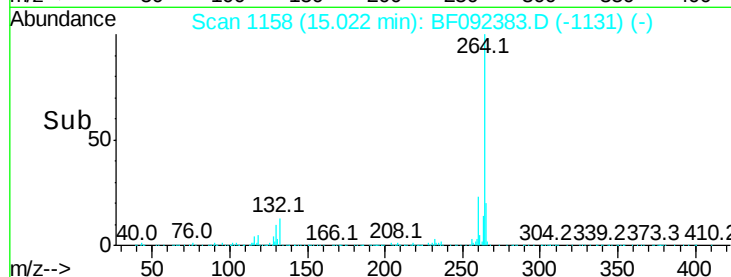
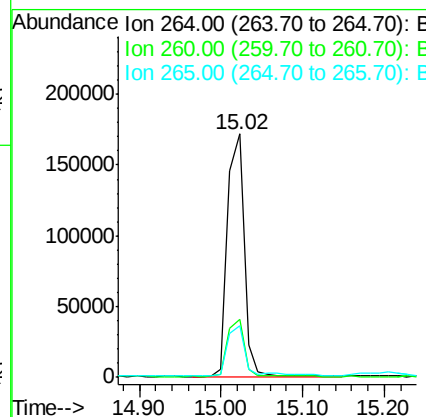
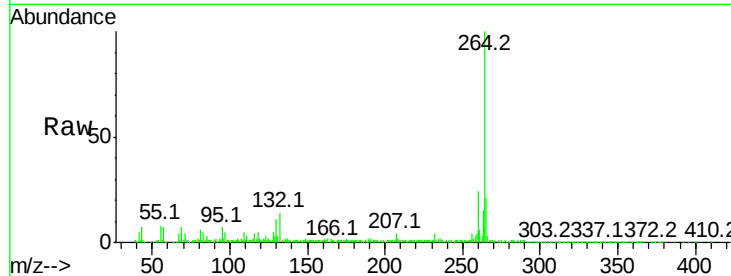
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF092383.D
Acq: 20 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
B-1

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.7	19.2	28.8	
265	21.0	17.4	26.0	

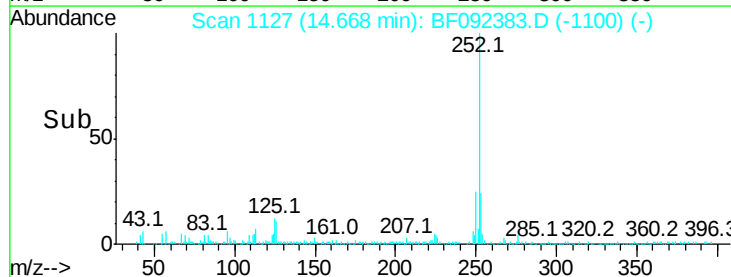
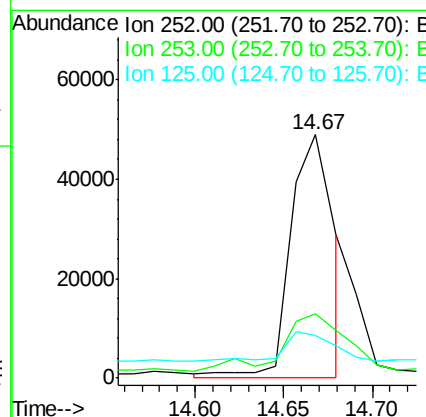
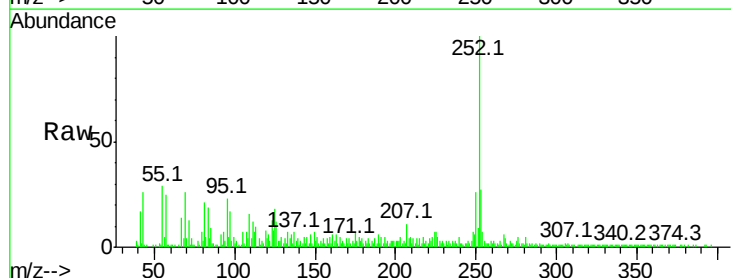
Manual Integrations
APPROVED

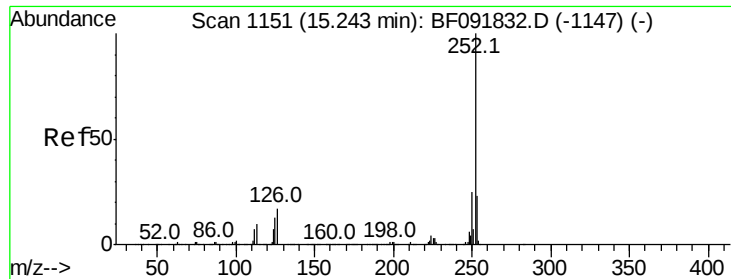
mohammad
1/23/2017 2:45:03 PM



#87
Benzo(b)fluoranthene
Concen: 5.65 ng m
RT: 14.67 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF092383.D
Acq: 20 Jan 2017 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	26.7	18.2	27.4	
125	17.6	9.8	14.6#	





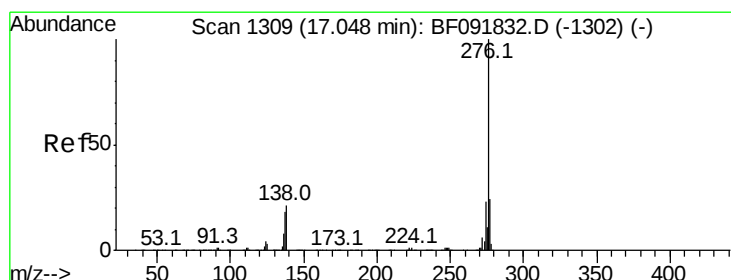
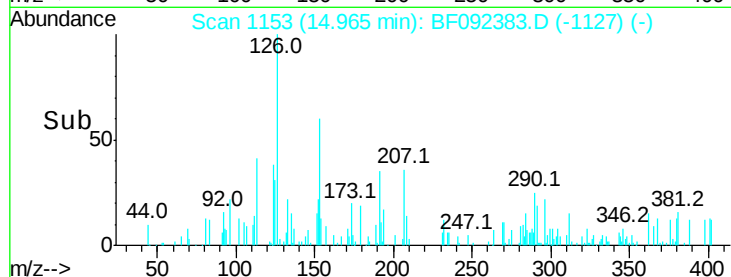
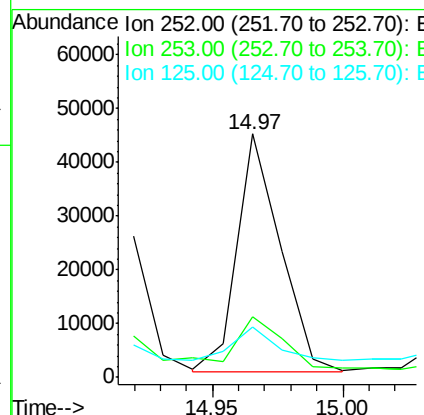
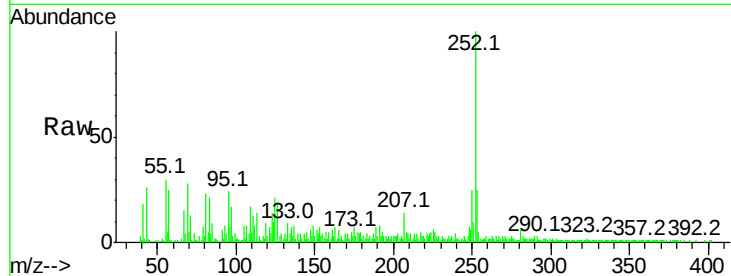
#89
Benzo(a)pyrene
Concen: 3.87 ng
RT: 14.97 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF092383.D
Acq: 20 Jan 2017 20:10

Instrument :
BNA_F
ClientSampled :
B-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	20.7	10.0	15.0

Manual Integrations
APPROVED

mohammad
1/23/2017 2:45:03 PM



#91
Benzo(g,h,i)perylene
Concen: 2.80 ng
RT: 16.60 min Scan# 1296
Delta R.T. 0.02 min
Lab File: BF092383.D
Acq: 20 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.4	19.2	28.8
138	29.3	16.0	24.0

