

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090117\
 Data File : BF098218.D
 Acq On : 1 Sep 2017 11:24
 Operator : SJ/JU
 Sample : I5027-01 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-082917

Manual Integrations
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Quant Time: Sep 01 13:13:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 12:59:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	123174	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	493026	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	214951	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	364022	20.00	ng	0.00
75) Chrysene-d12	13.87	240	255670	20.00	ng	0.00
86) Perylene-d12	15.28	264	256592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	185360	22.89	ng	0.00
7) Phenol-d6	6.36	99	249801	22.70	ng	-0.01
23) Nitrobenzene-d5	7.28	82	149300	16.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	37579	20.15	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	249433	17.05	ng	0.00
78) Terphenyl-d14	12.82	244	154137	12.57	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	49386	3.143	ng	99
70) Phenanthrene	11.26	178	122046	6.292	ng	98
74) Fluoranthene	12.44	202	245494	12.125	ng	98
77) Pyrene	12.67	202	203118	9.714	ng	98
80) Benzo(a)anthracene	13.86	228	78898	5.149	ng	99
82) Chrysene	13.89	228	86732	5.690	ng	95
83) Bis(2-ethylhexyl)phthalate	13.85	149	26739	3.010	ng	98
85) Indeno(1,2,3-cd)pyrene	16.64	276	51583	4.600	ng	# 90
87) Benzo(b)fluoranthene	14.87	252	114814m	7.099	ng	
88) Benzo(k)fluoranthene	14.90	252	42429m	2.792	ng	
89) Benzo(a)pyrene	15.22	252	82238	5.744	ng	98
91) Benzo(a,h,i)perylene	17.06	276	51782	4.257	ng	# 92

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

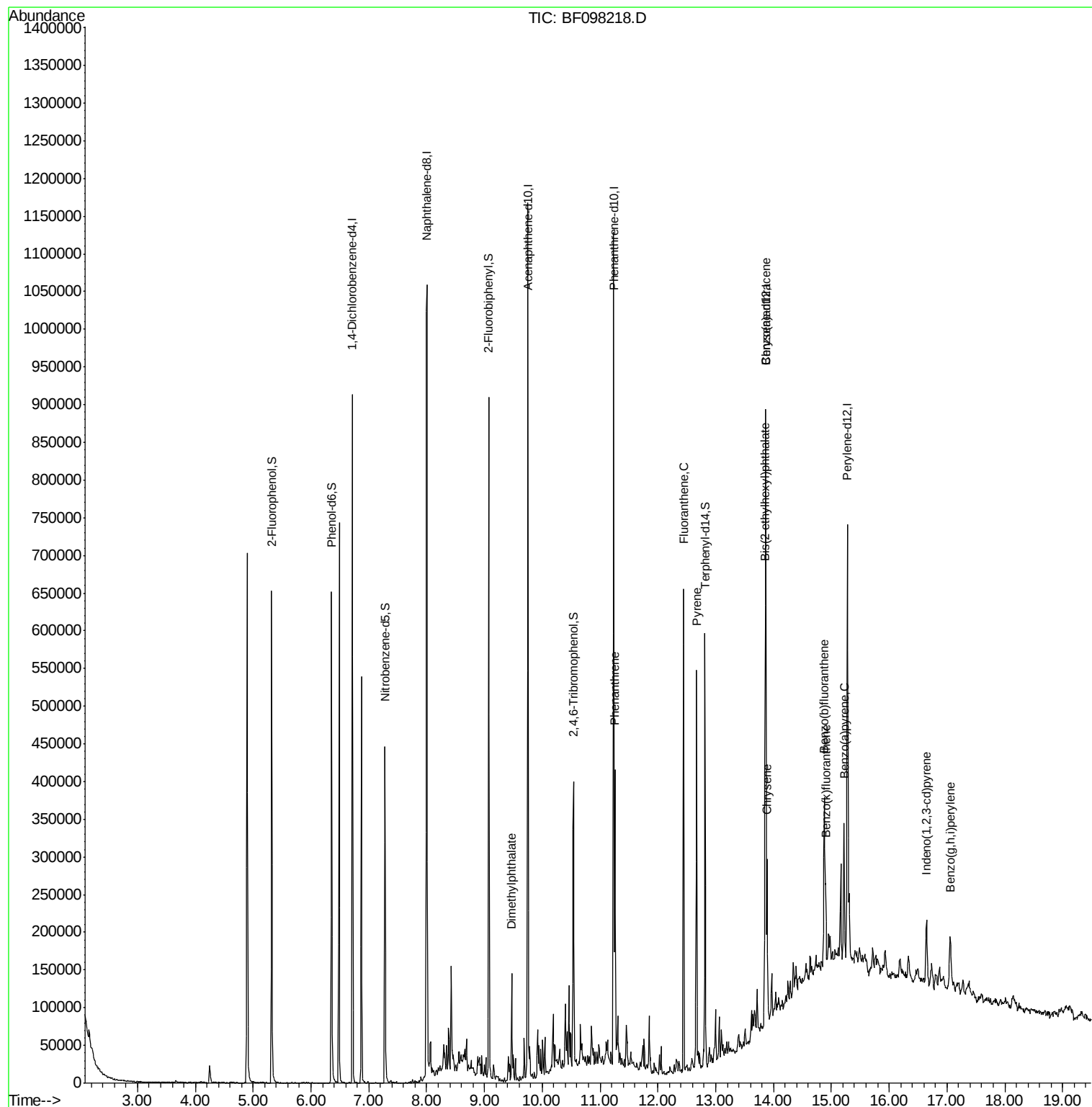
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090117\
Data File : BF098218.D
Acq On : 1 Sep 2017 11:24
Operator : SJ/JU
Sample : I5027-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: Sep 01 13:13:57 2017
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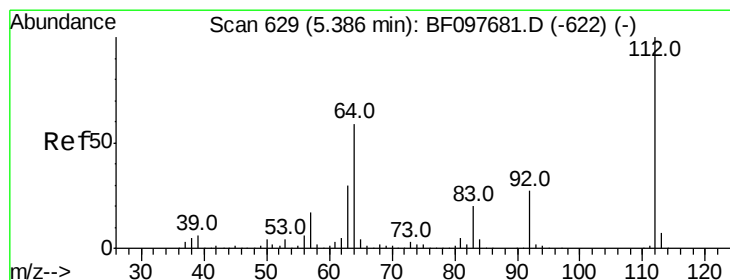
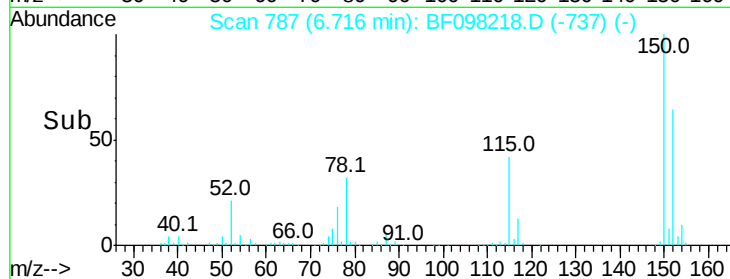
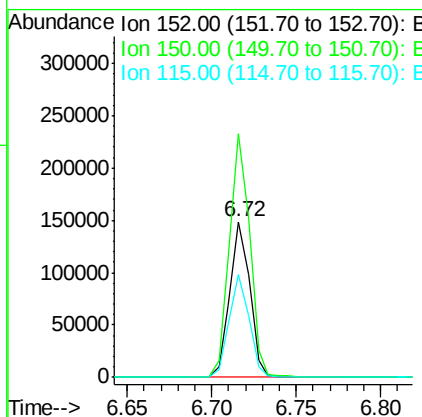
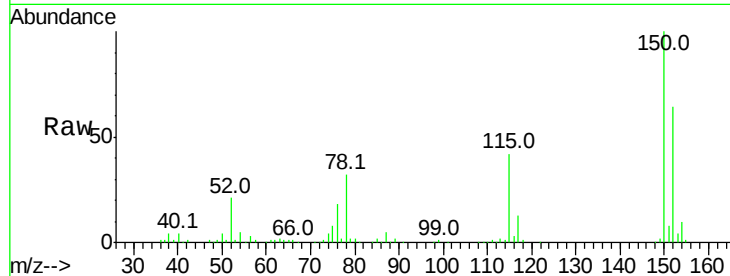
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF098218.D
 Acq: 1 Sep 2017 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-082917

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	66.1	52.2	78.2

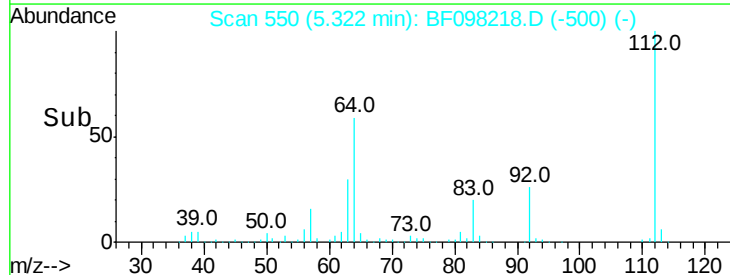
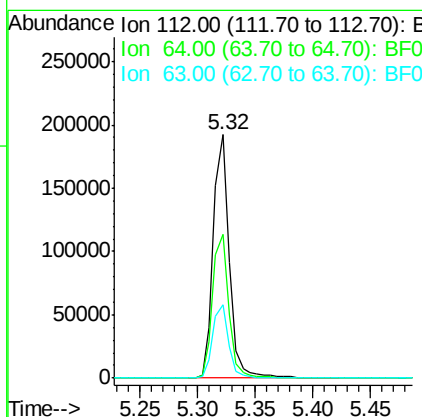
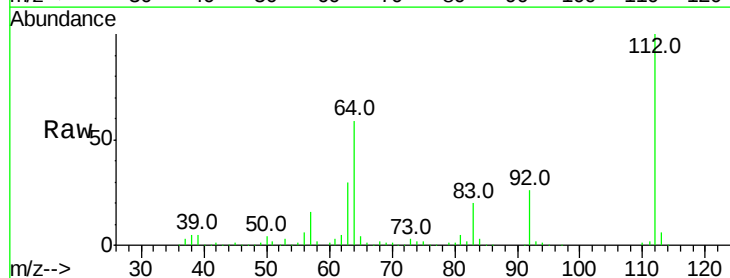
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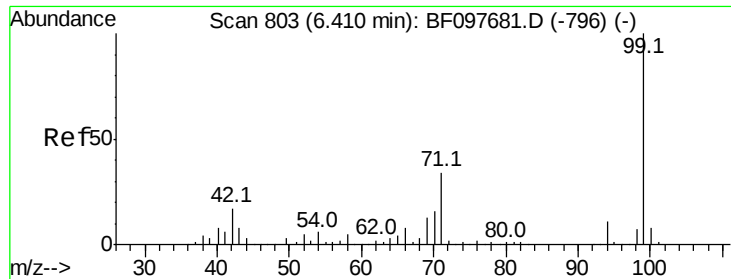
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#5
 2-Fluorophenol
 Concen: 22.890 ng
 RT: 5.32 min Scan# 550
 Delta R.T. -0.01 min
 Lab File: BF098218.D
 Acq: 1 Sep 2017 11:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.0	69.0
63	30.1	23.4	35.0





#7

Phenol-d6

Concen: 22.704 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF098218.D

Acq: 1 Sep 2017 11:24

Instrument :

BNA_F

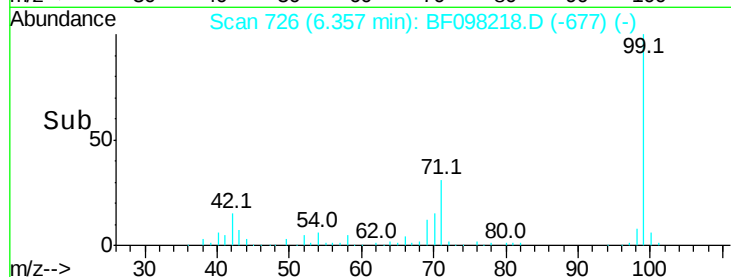
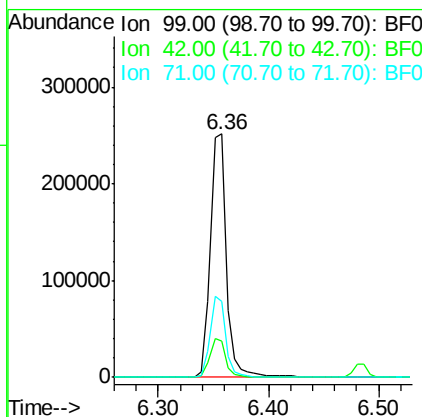
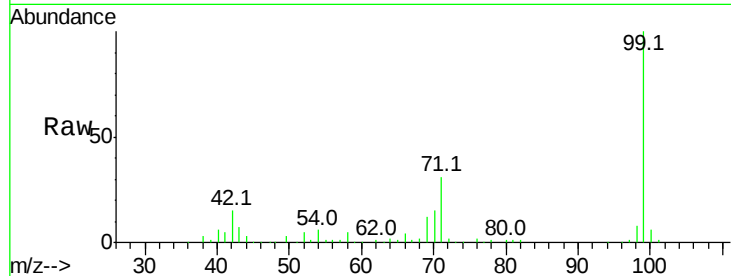
ClientSampleId :

SU-02-082917

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		249801		
42	14.8	13.5	20.3		
71	31.1	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

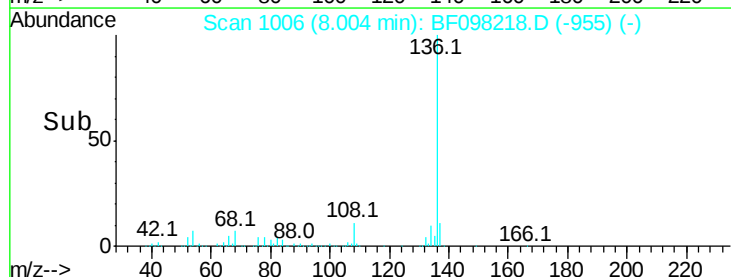
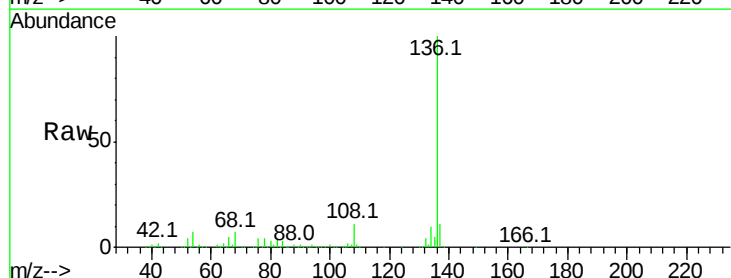
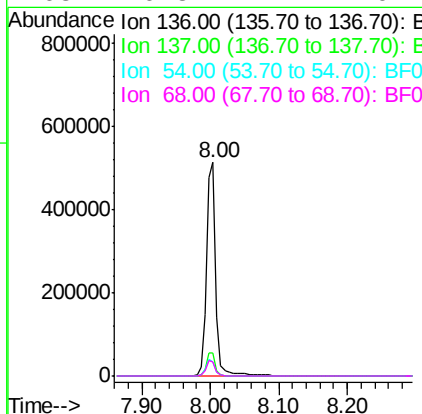
RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF098218.D

Acq: 1 Sep 2017 11:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		493026		
137	10.7	8.5	12.7		
54	6.9	4.9	7.3		
68	6.8	4.1	6.1#		





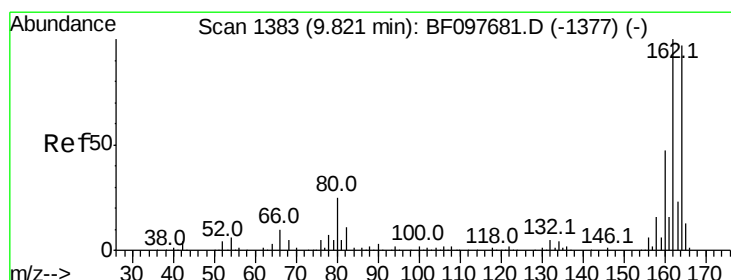
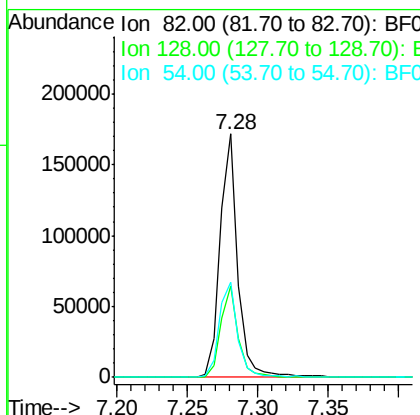
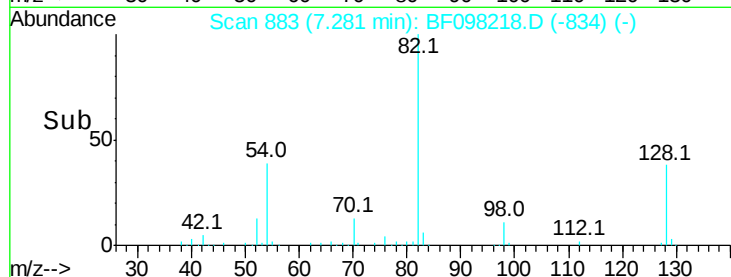
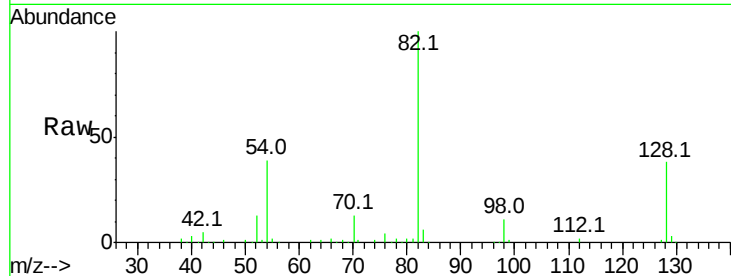
#23
 Nitrobenzene-d5
 Concen: 16.451 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF098218.D
 Acq: 1 Sep 2017 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-082917

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	37.6	34.0	51.0
54	39.1	42.2	63.2#

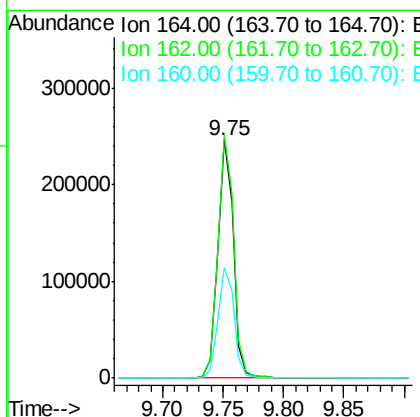
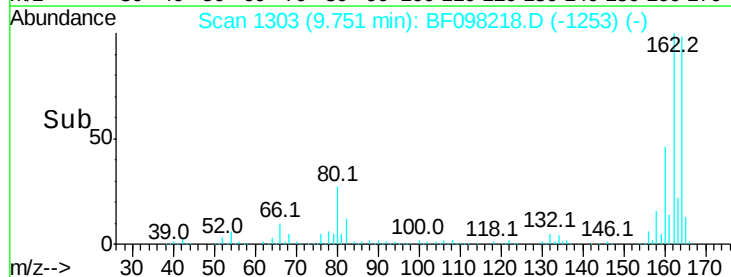
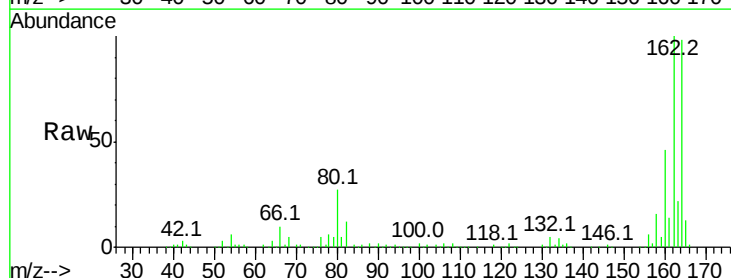
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF098218.D
 Acq: 1 Sep 2017 11:24

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	102.2	82.6	123.8
160	46.6	36.2	54.2





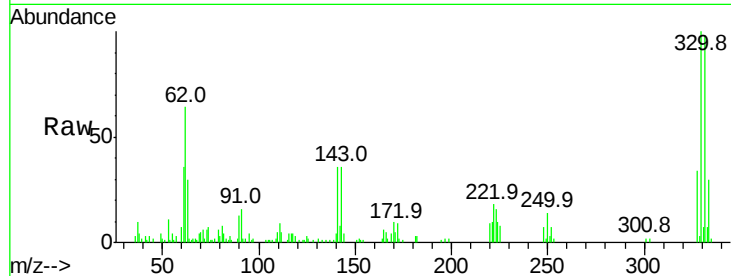
#41
 2,4,6-Tribromophenol
 Concen: 20.149 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF098218.D
 Acq: 1 Sep 2017 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-082917

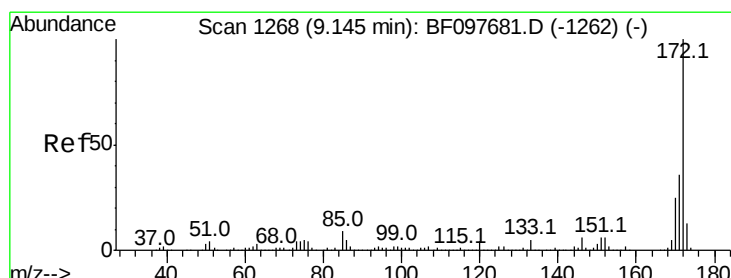
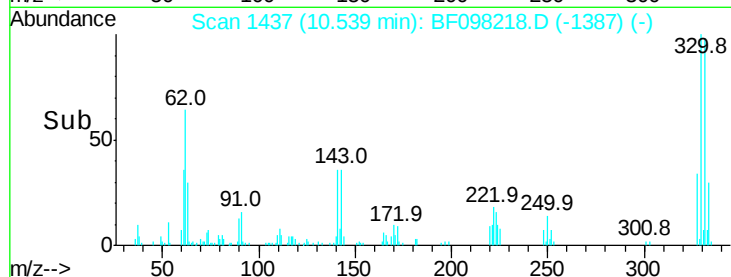
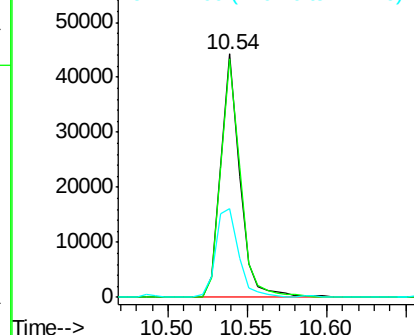
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.3	76.6	115.0	
141	43.2	31.4	47.2	

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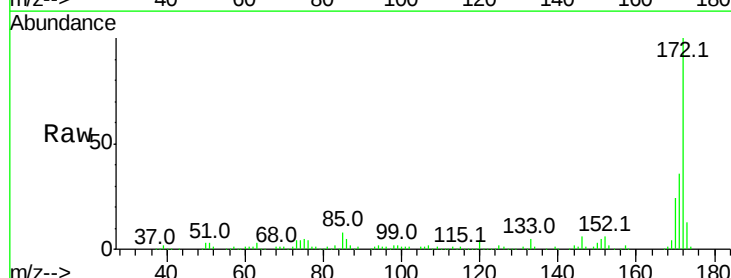


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

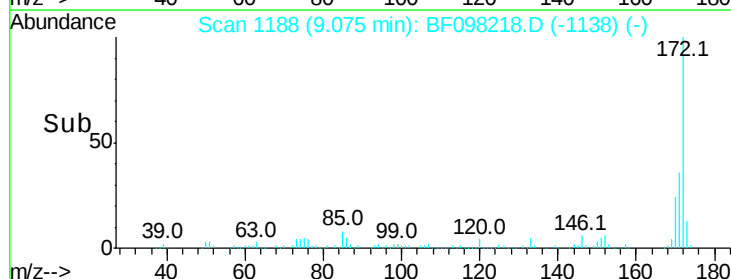
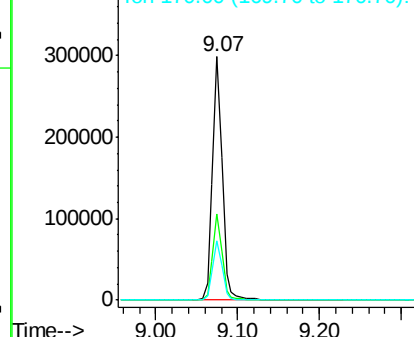


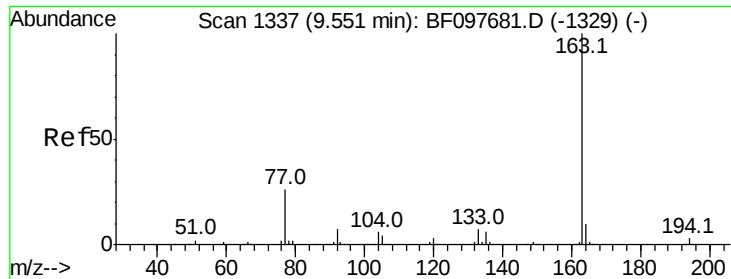
#44
 2-Fluorobiphenyl
 Concen: 17.049 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF098218.D
 Acq: 1 Sep 2017 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	29.6	44.4	
170	24.3	19.8	29.8	



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





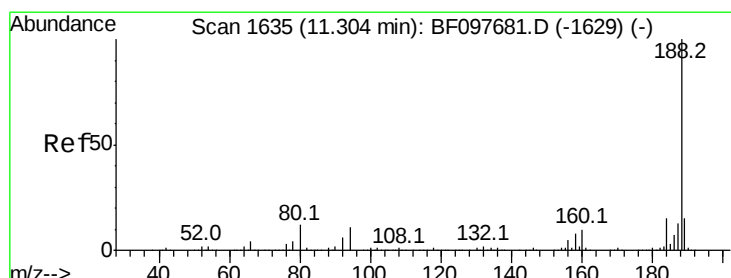
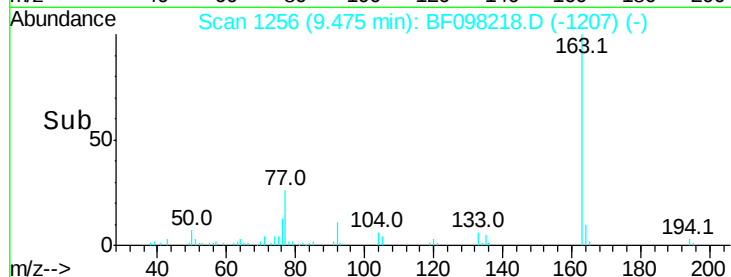
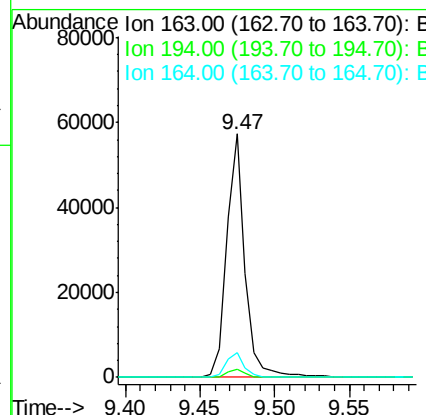
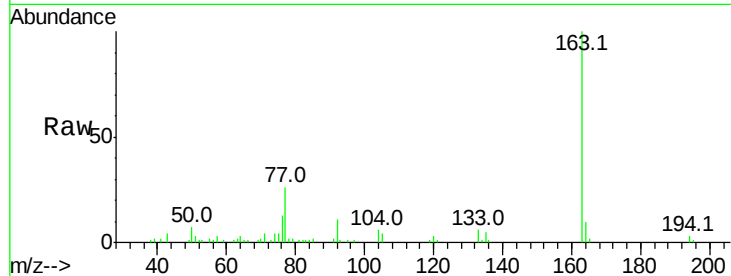
#49
Dimethylphthalate
Concen: 3.143 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	10.1	8.4	12.6	

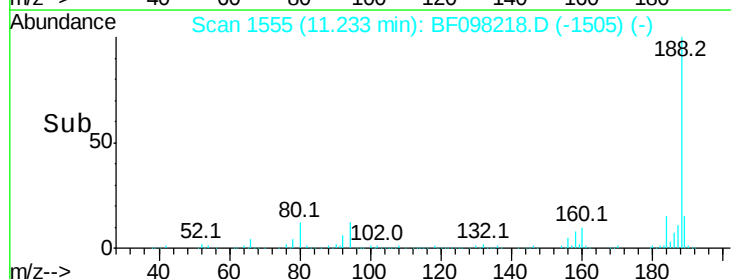
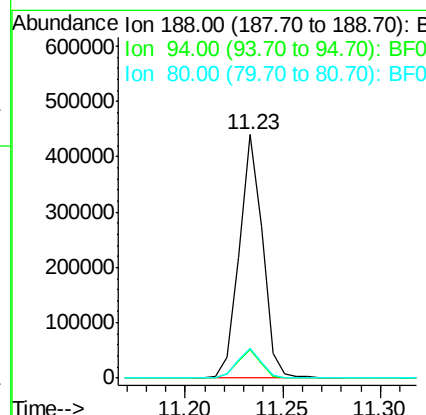
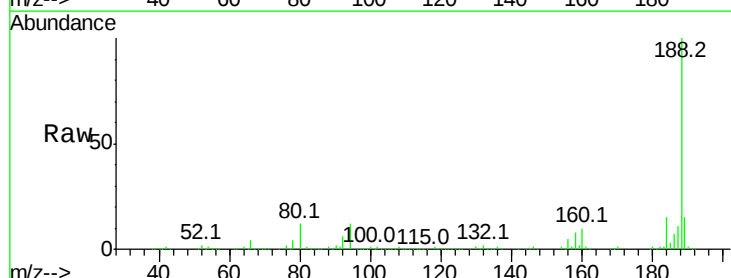
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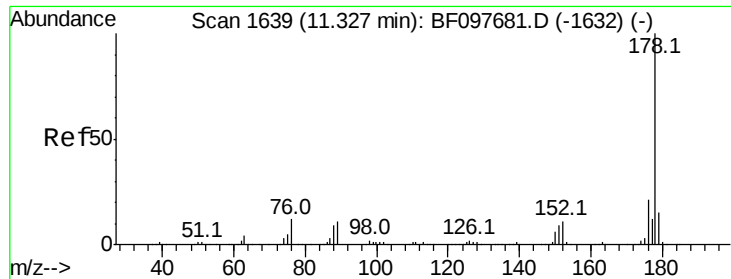
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.7	9.4	14.2	
80	12.3	10.2	15.2	





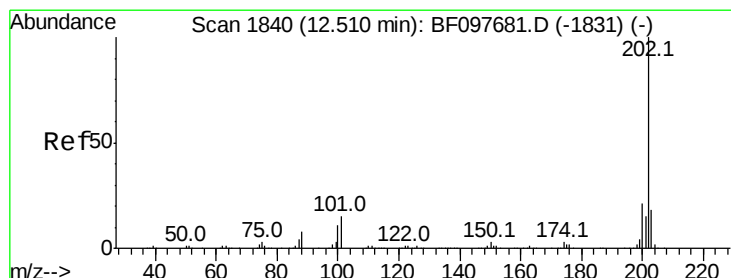
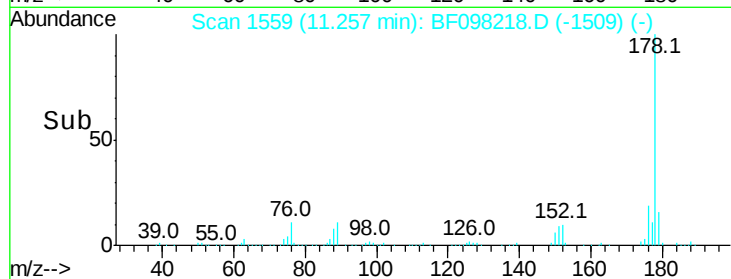
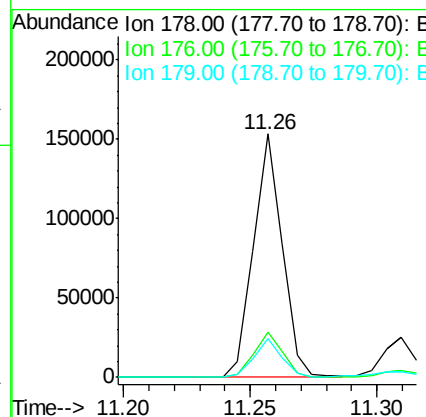
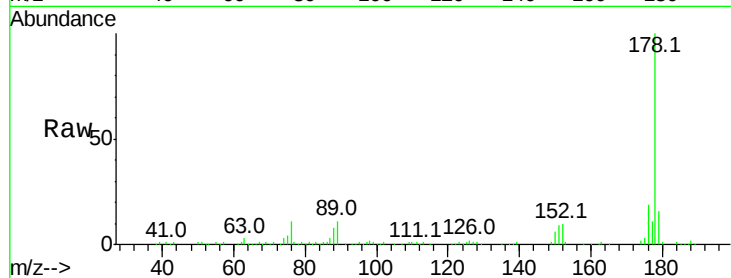
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Phenanthrene
Concen: 6.292 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	15.7	12.6	19.0

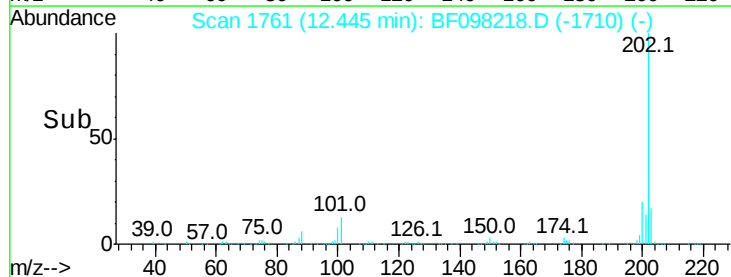
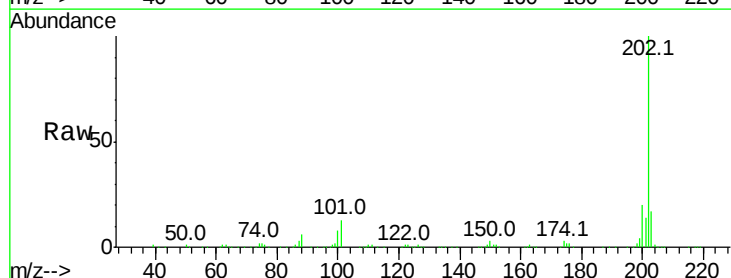
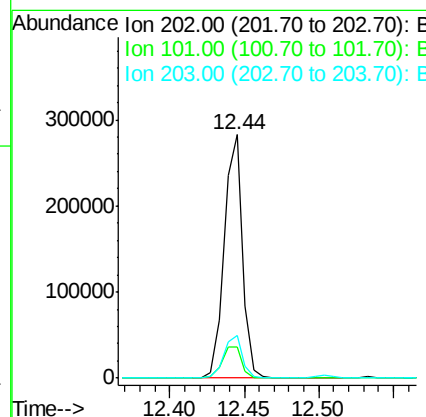
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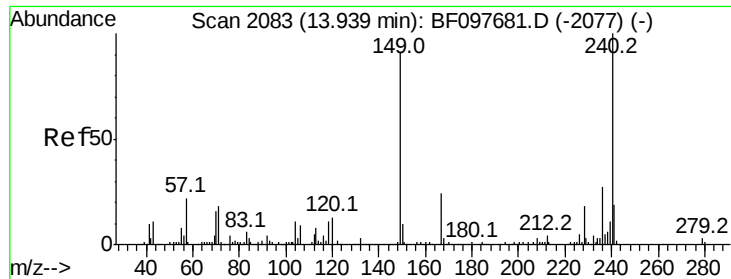
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#74
Fluoranthene
Concen: 12.125 ng
RT: 12.44 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF098218.D

Acq: 1 Sep 2017 11:24

Instrument :

BNA_F

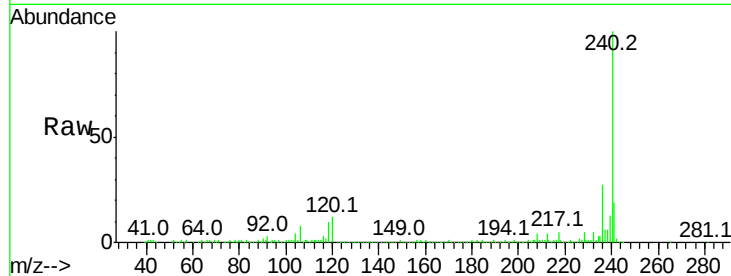
ClientSampleId :

SU-02-082917

Tot Ion	Ratio	Resp	Lower	Upper
240	100	255670		
120	11.6	5.8	8.8#	
236	26.9	20.5	30.7	

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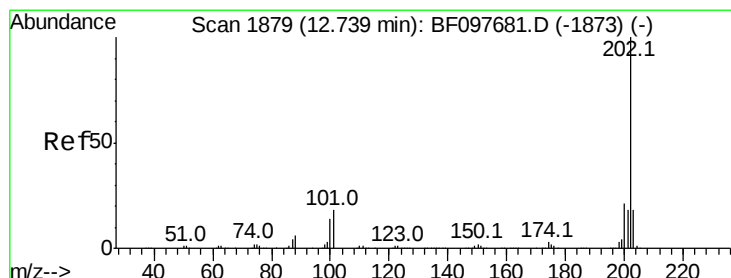
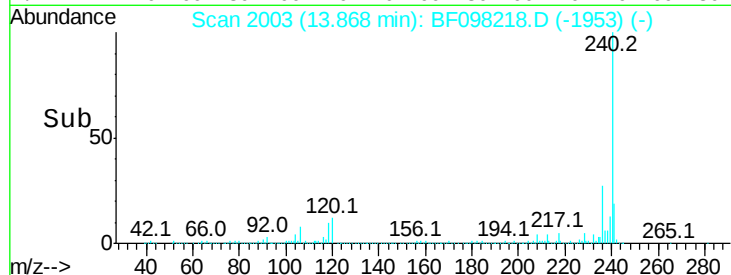
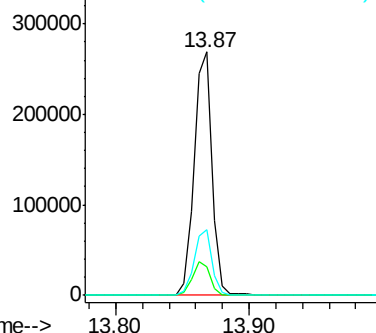
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 9.714 ng

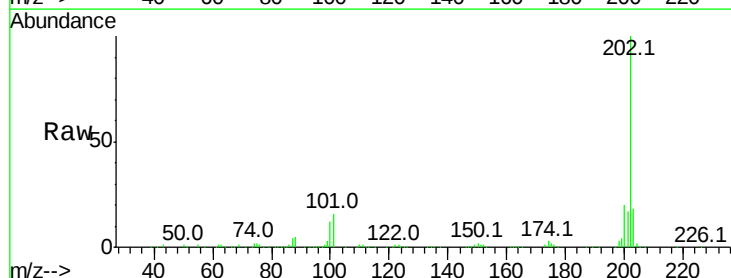
RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF098218.D

Acq: 1 Sep 2017 11:24

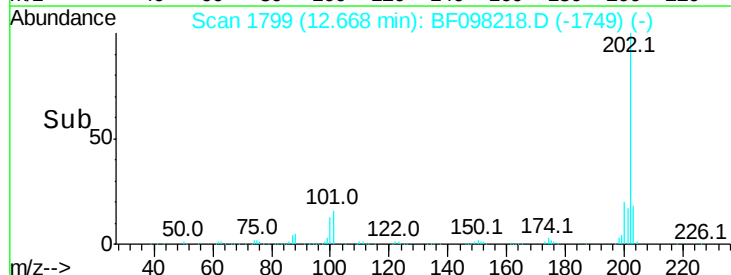
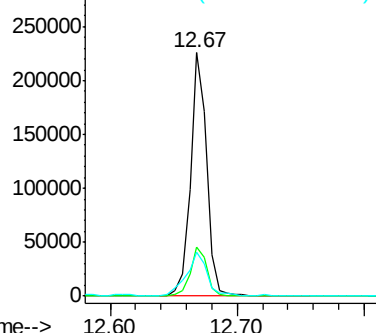
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	203118		
200	20.2	17.6	26.4	
203	18.1	14.4	21.6	

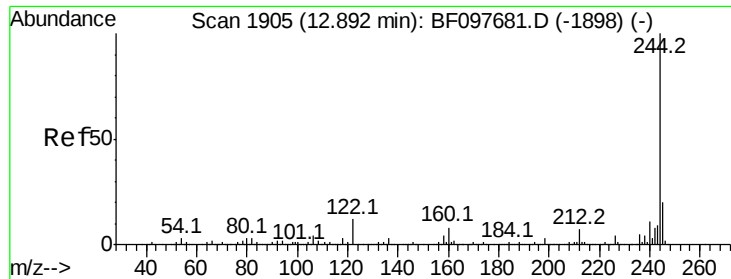


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





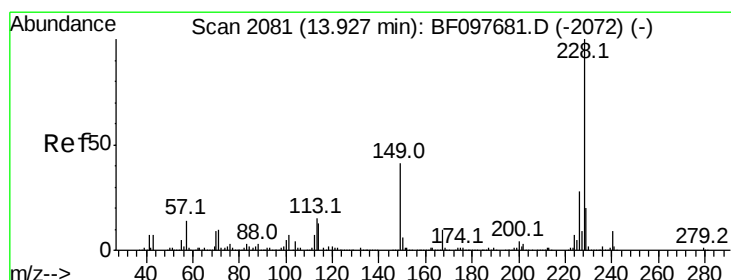
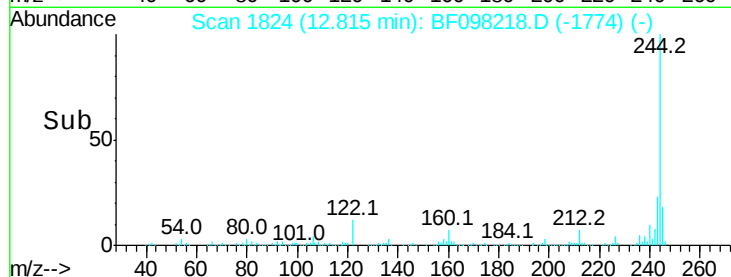
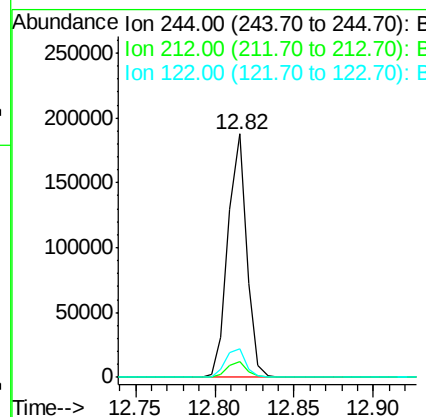
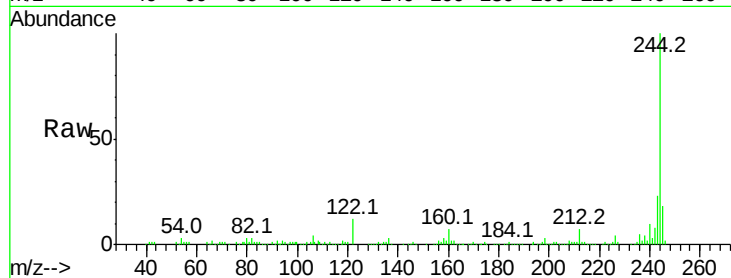
#78
 Terphenyl-d14
 Concen: 12.572 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF098218.D
 Acq: 1 Sep 2017 11:24

Instrument :
 BNA_F
 ClientSampled :
 SU-02-082917

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	11.9	10.3	15.5

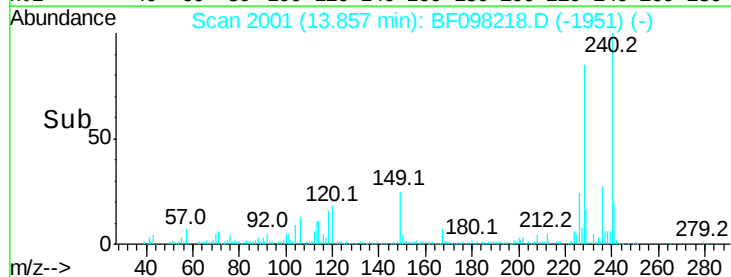
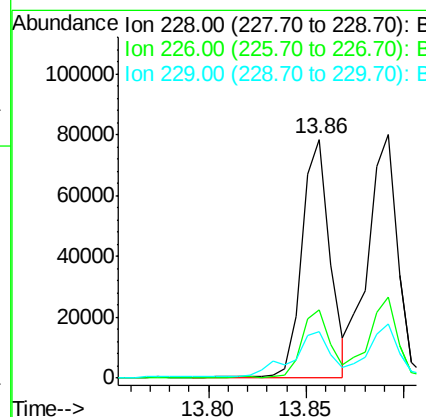
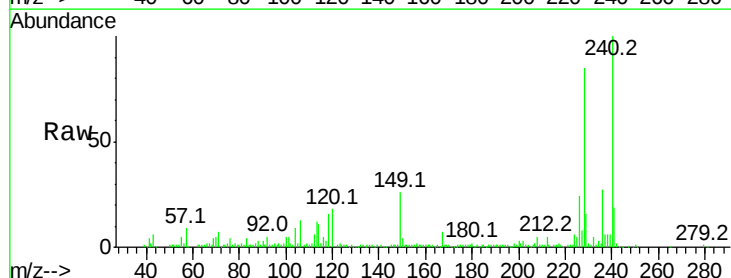
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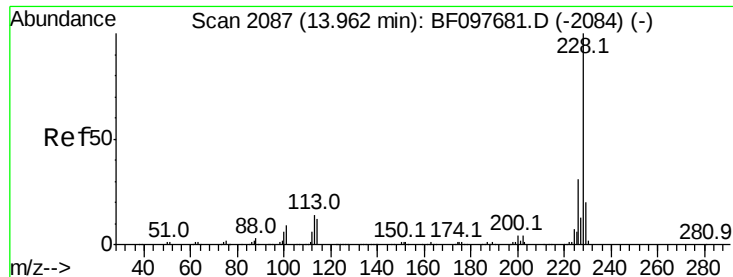
mohammad
 9/5/2017 5:21:44 PM



#80
 Benzo(a)anthracene
 Concen: 5.149 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF098218.D
 Acq: 1 Sep 2017 11:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	19.4	16.3	24.5





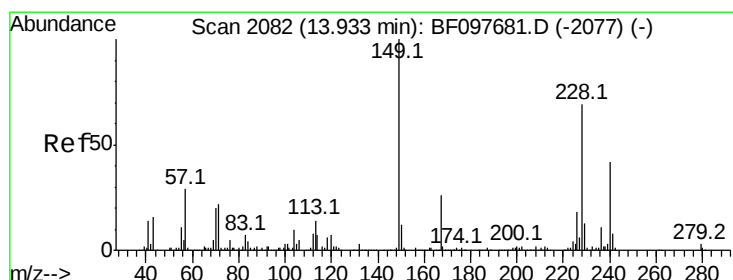
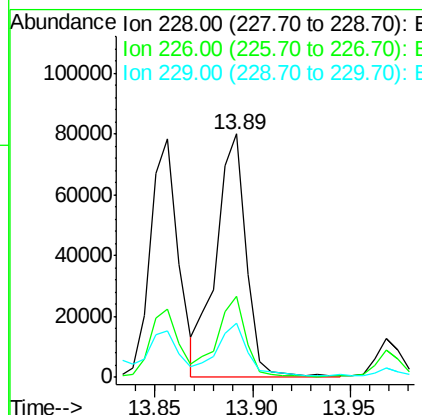
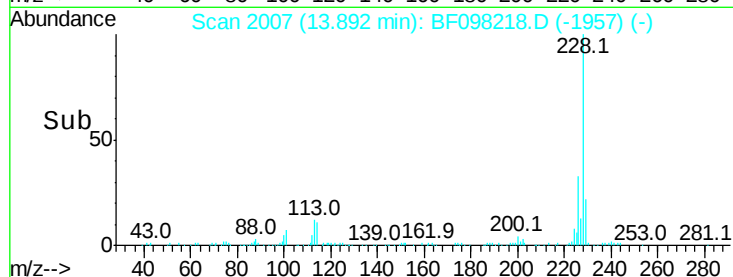
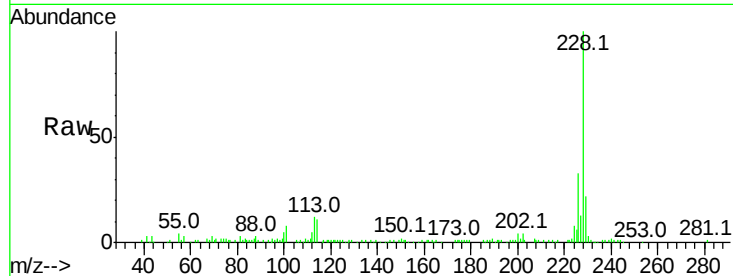
#82
 Chrysene
 Concen: 5.690 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF098218.D
 Acq: 1 Sep 2017 11:24

Instrument :
 BNA_F
 ClientSampleID :
 SU-02-082917

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.9	37.3
229	22.5	15.8	23.6

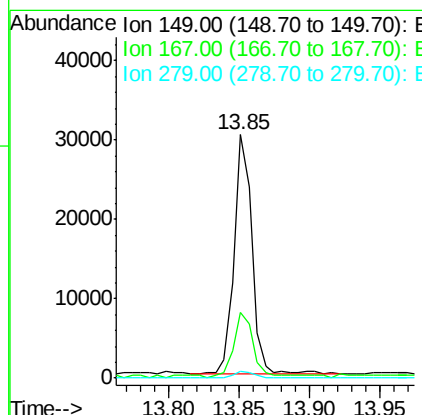
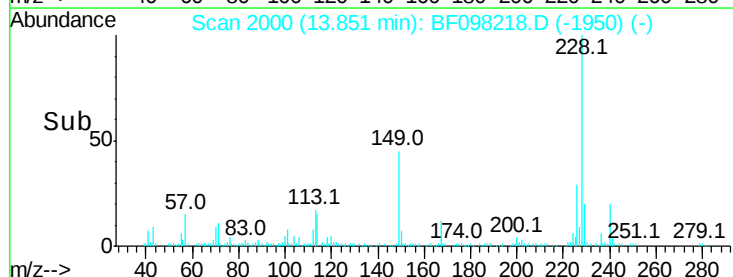
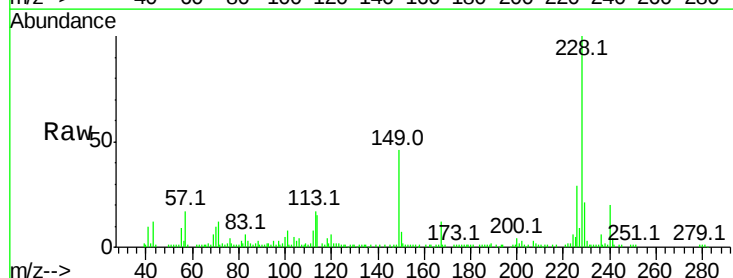
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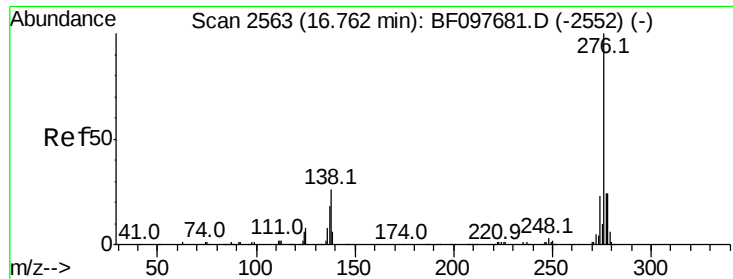
mohammad
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.010 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF098218.D
 Acq: 1 Sep 2017 11:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.0	31.4
279	2.8	1.9	2.9





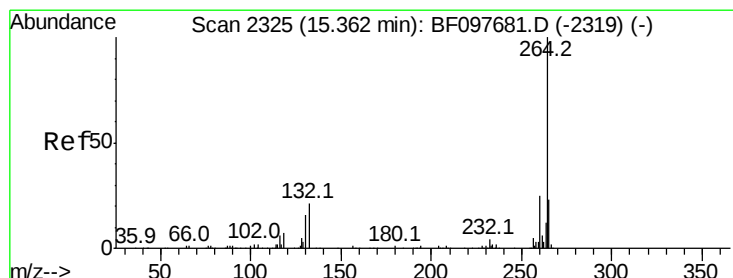
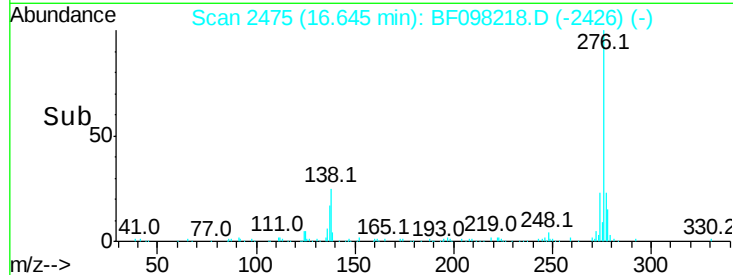
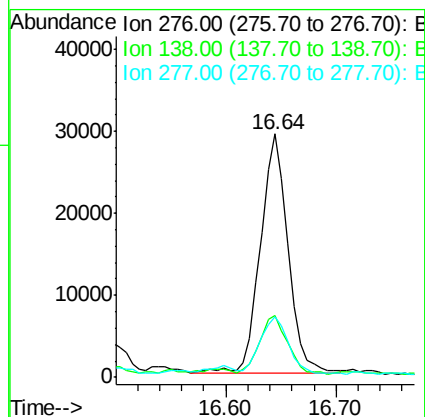
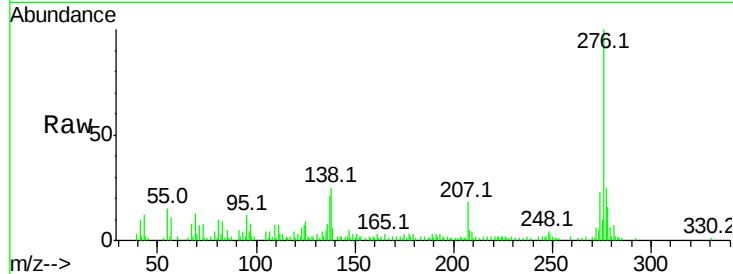
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.600 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BF098218.D
 Acq: 1 Sep 2017 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-082917

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	27.8	41.6#
277	25.3	20.2	30.4

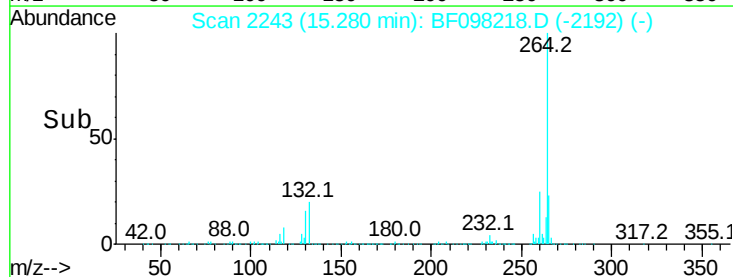
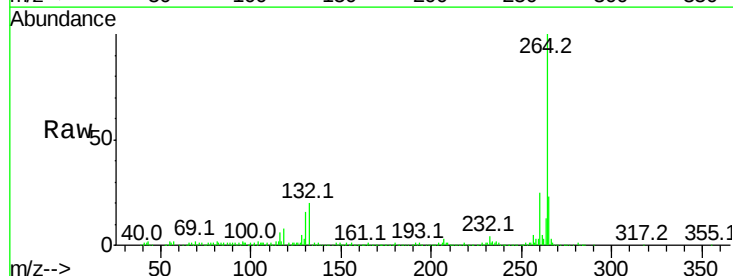
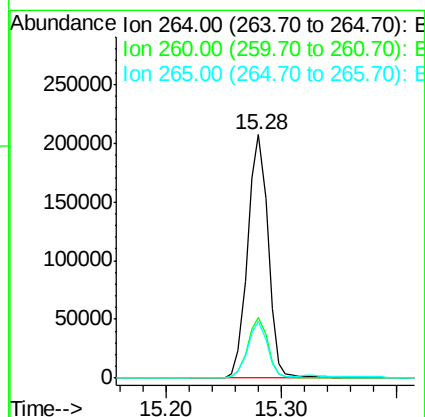
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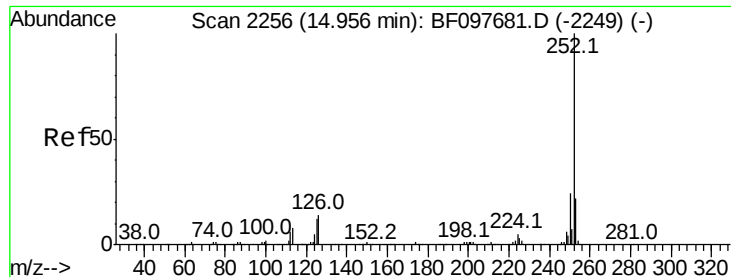
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: BF098218.D
 Acq: 1 Sep 2017 11:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	23.0	17.2	25.8





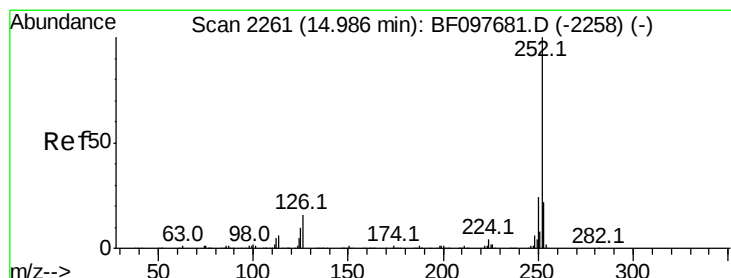
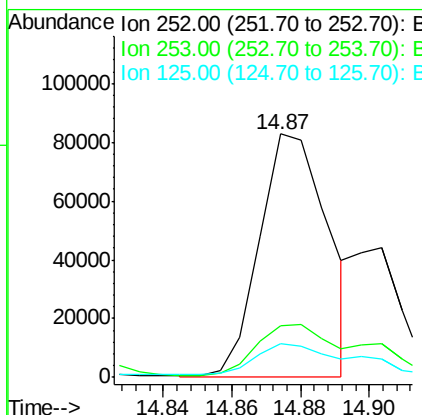
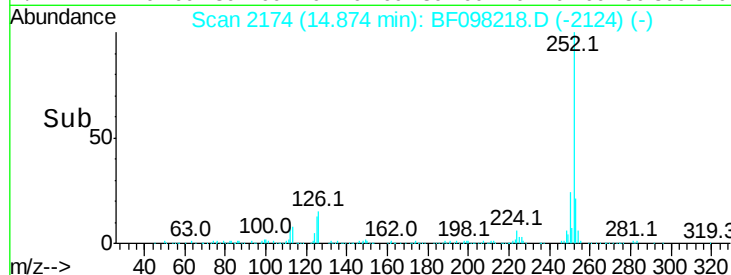
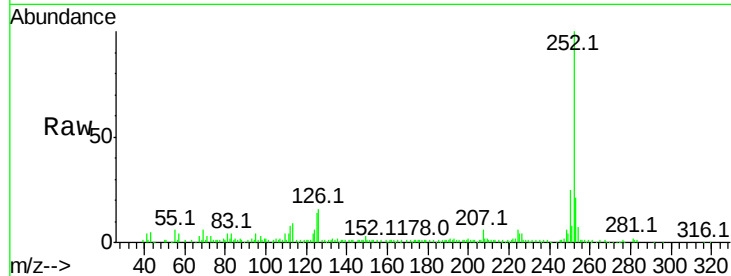
#87
Benzo(b)fluoranthene
Concen: 7.099 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tot Ion:	252	Resp:	114814
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.1	27.1
125	13.6	9.8	14.8

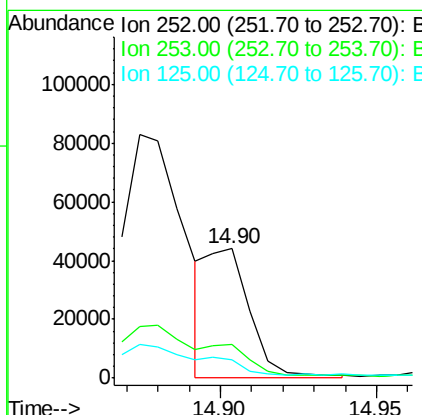
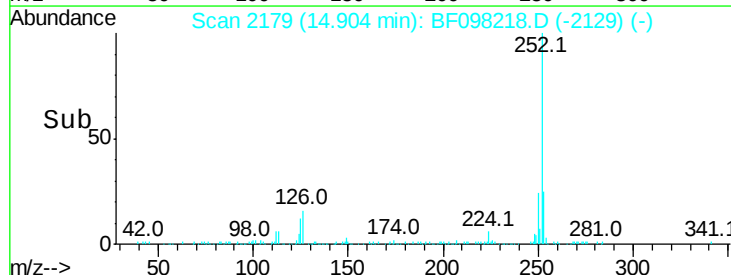
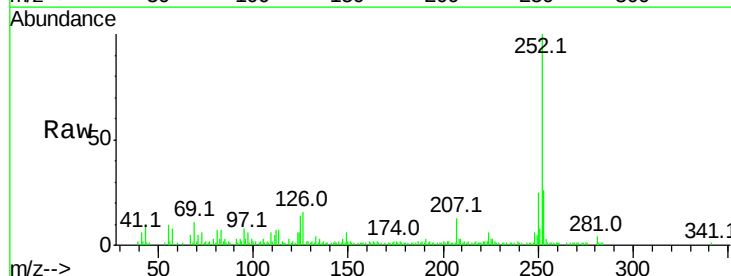
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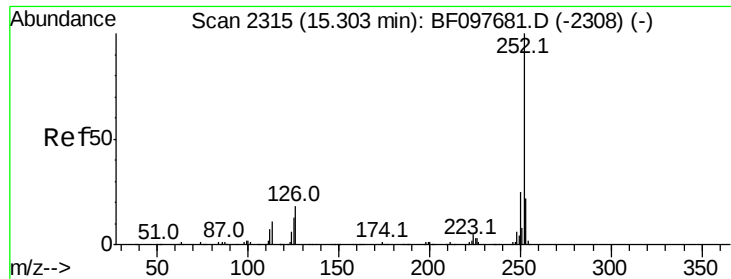
mohammad
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#88
Benzo(k)fluoranthene
Concen: 2.792 ng m
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion:	252	Resp:	42429
Ion Ratio	Lower	Upper	
252	100		
253	25.8	18.4	27.6
125	14.1	13.1	19.7





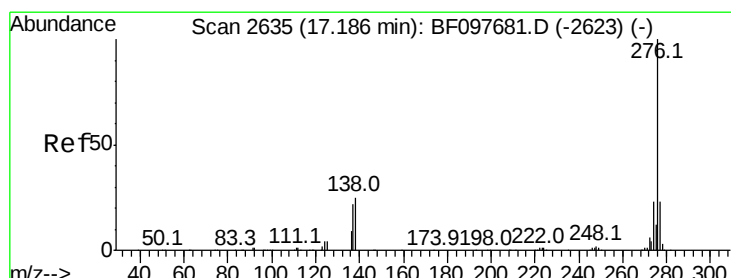
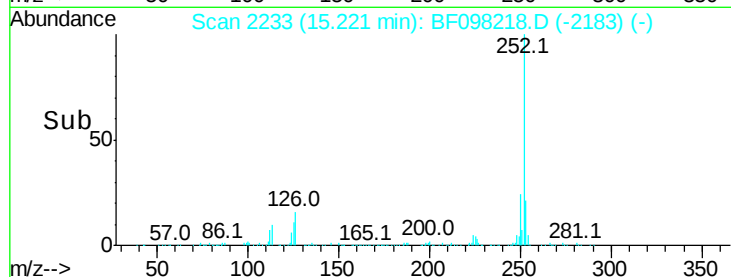
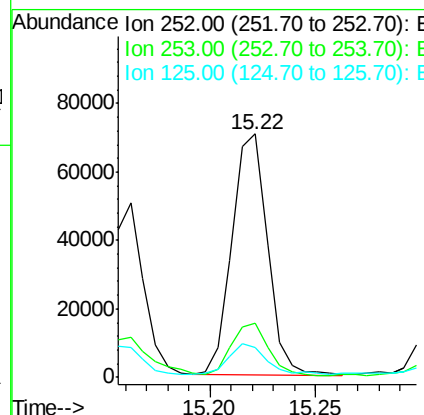
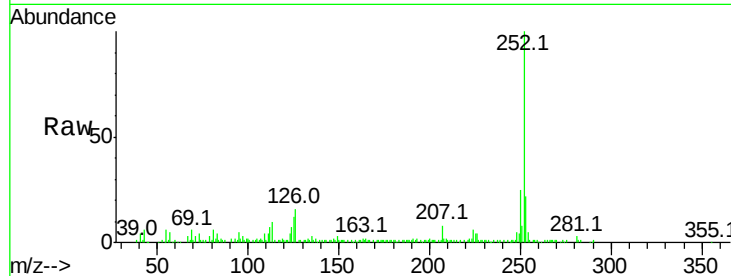
#89
Benzo(a)pyrene
Concen: 5.744 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	12.4	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.257 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.02 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	24.4	25.4	38.0

