

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095753.D
 Acq On : 7 Jun 2017 18:59
 Operator : SJ/MA
 Sample : I3479-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(10-12)20170603

Manual Integrations
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mohammad
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Quant Time: Jun 08 05:05:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	75349	20.00	ng	-0.02
21) Naphthalene-d8	9.42	136	292450	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	118969	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	177083	20.00	ng	-0.01
75) Chrysene-d12	18.34	240	140602	20.00	ng	-0.01
86) Perylene-d12	20.02	264	100674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	501992	106.16	ng	-0.01
7) Phenol-d6	6.95	99	608973	107.57	ng	-0.01
23) Nitrobenzene-d5	8.30	82	355357	75.46	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	99467	94.50	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	641043	74.98	ng	-0.02
78) Terphenyl-d14	17.00	244	373737	65.97	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.89	163	118898	13.16	ng	100
70) Phenanthrene	14.67	178	72792	7.12	ng	95
74) Fluoranthene	16.44	202	101276	10.01	ng	98
77) Pyrene	16.75	202	78890	7.52	ng	95
80) Benzo(a)anthracene	18.33	228	31796	3.89	ng	97
82) Chrysene	18.38	228	42088	5.15	ng	94
83) Bis(2-ethylhexyl)phthalate	18.42	149	36320	5.62	ng	# 98
87) Benzo(b)fluoranthene	19.62	252	39067m	6.20	ng	
88) Benzo(k)fluoranthene	19.64	252	12184m	2.02	ng	
89) Benzo(a)pyrene	19.97	252	22804	3.94	ng	# 82
91) Benzo(g,h,i)perylene	21.55	276	14025	2.80	ng	# 84

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

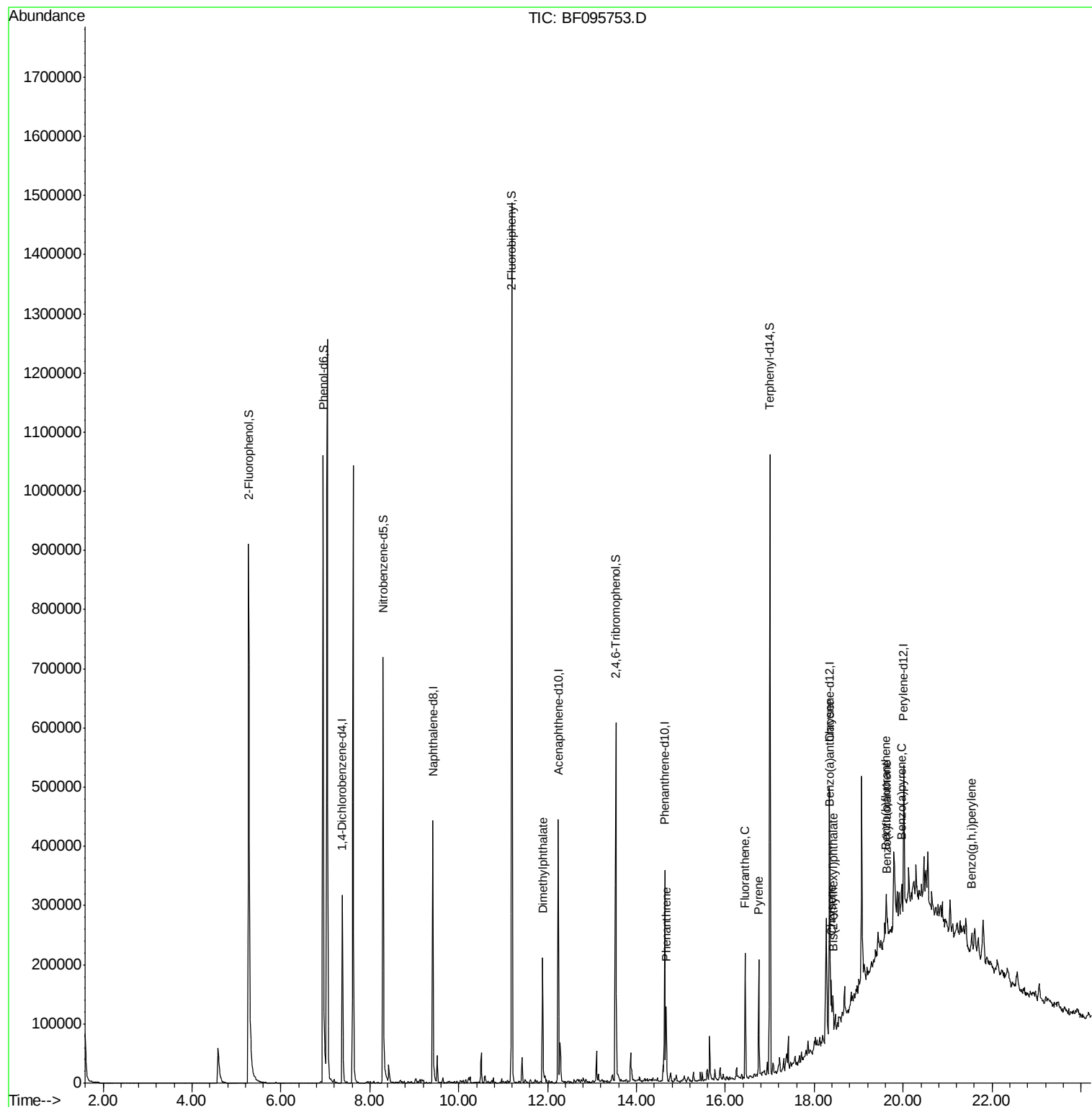
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

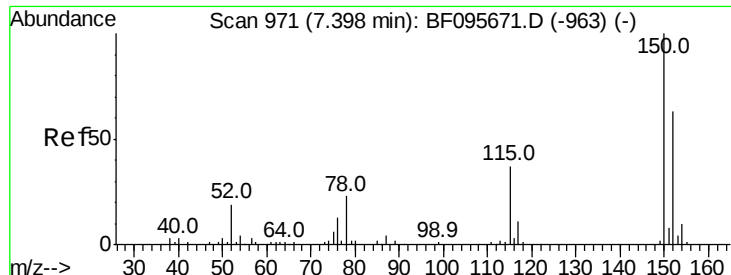
Instrument :
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ClientSampleId :
SB-7(10-12)20170603

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Quant Time: Jun 08 05:05:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

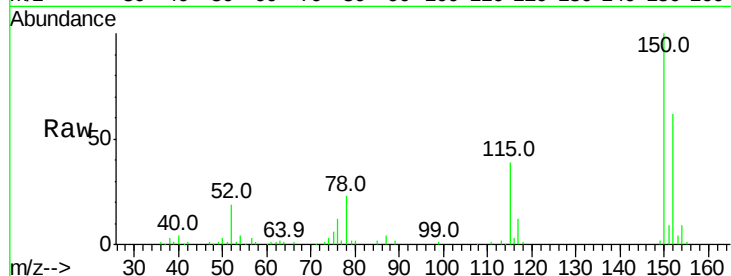
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095753.D
Acq: 7 Jun 2017 18:59

Instrument :
BNA_F
ClientSampleId :
SB-7(10-12)20170603

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	63.0	52.2	78.2

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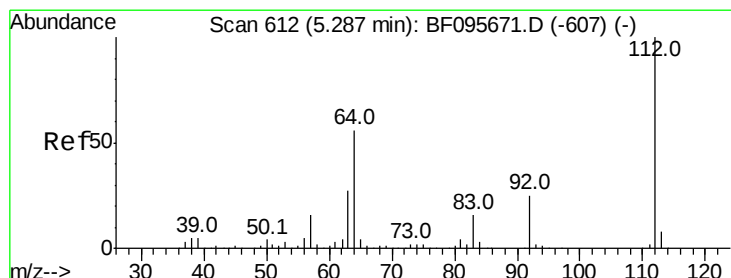
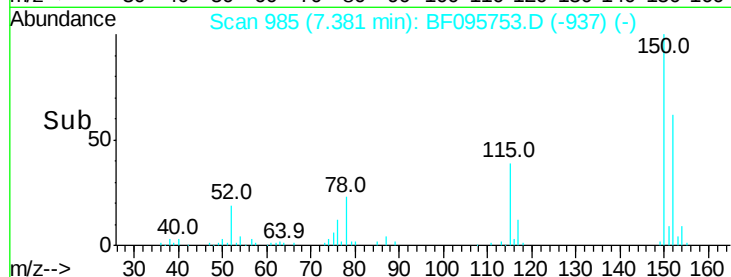
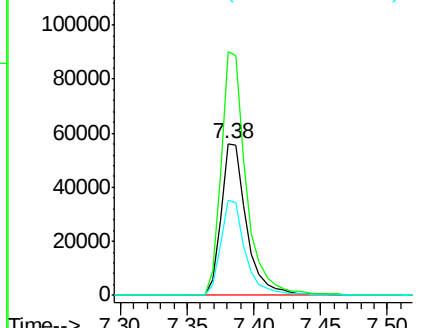


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

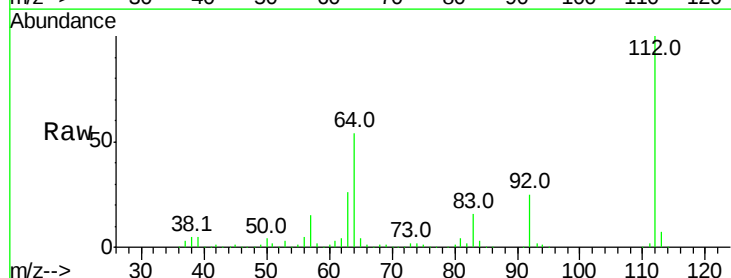
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.16 ng
RT: 5.27 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF095753.D
Acq: 7 Jun 2017 18:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.0	69.0
63	26.0	23.4	35.0

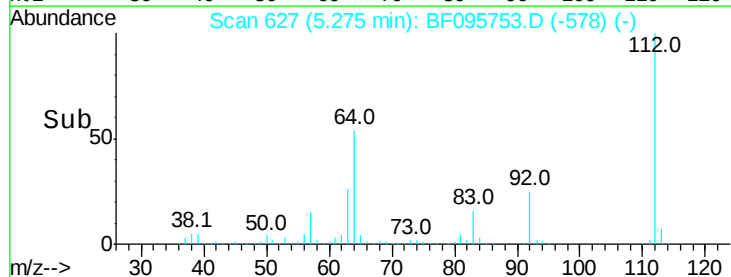
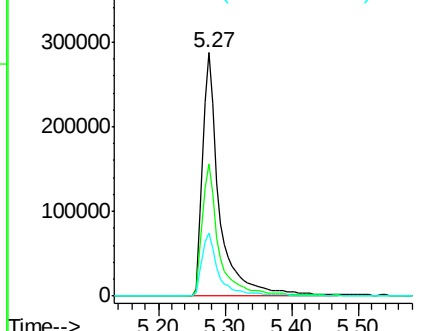


Abundance

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: 107.57 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF095753.D

Acq: 7 Jun 2017 18:59

Instrument :

BNA_F

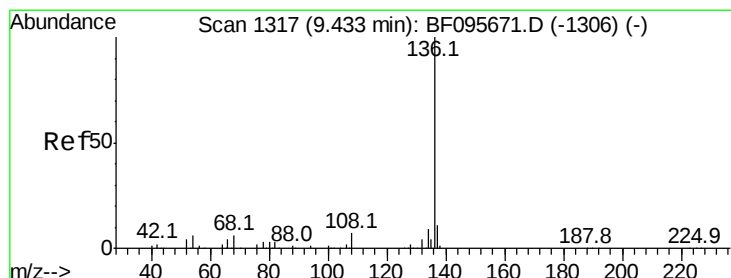
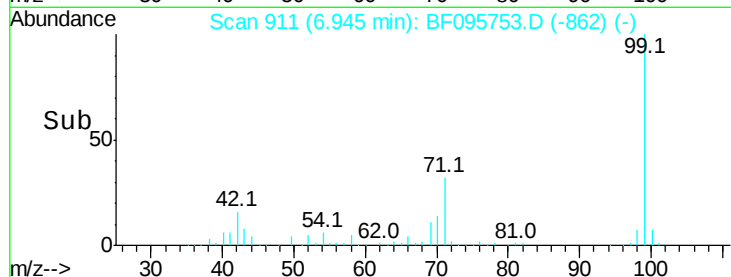
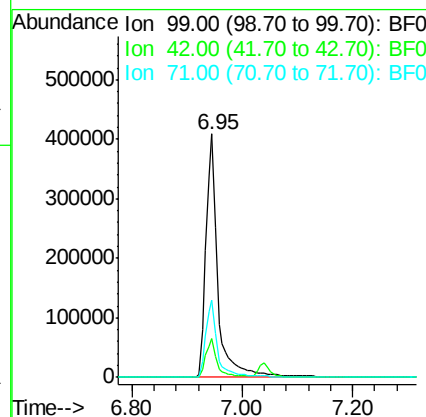
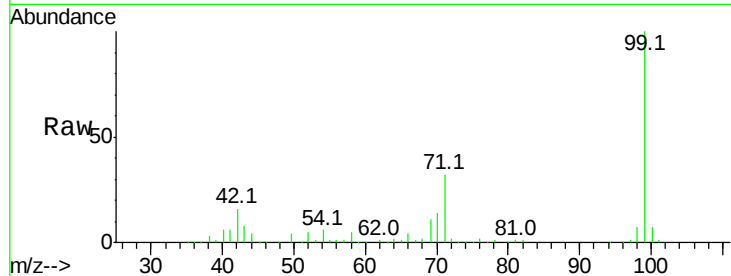
ClientSampleId :

SB-7(10-12)20170603

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		608973		
42	15.9	13.5	20.3		
71	31.9	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

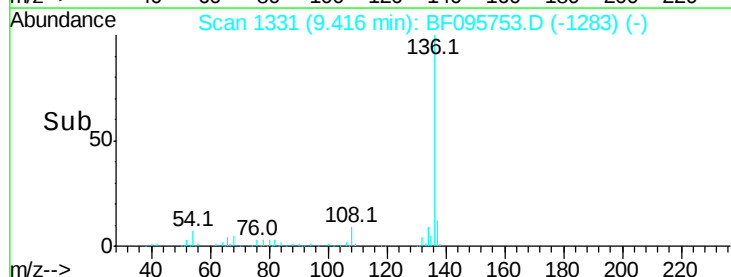
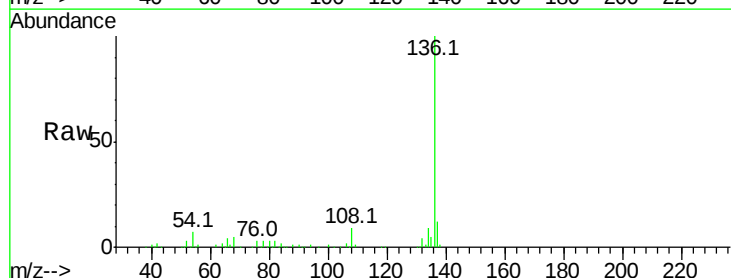
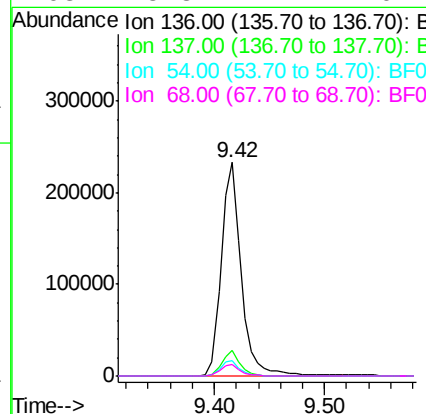
RT: 9.42 min Scan# 1331

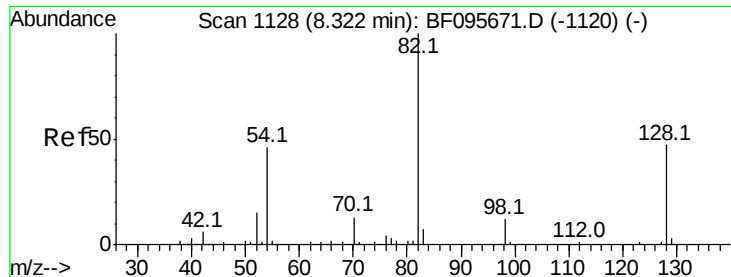
Delta R.T. -0.02 min

Lab File: BF095753.D

Acq: 7 Jun 2017 18:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		292450		
137	12.0	8.5	12.7		
54	6.9	4.9	7.3		
68	5.3	4.1	6.1		





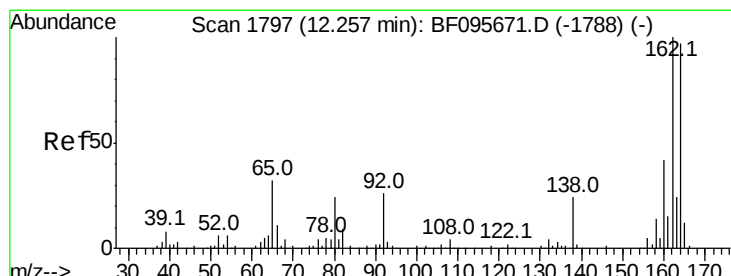
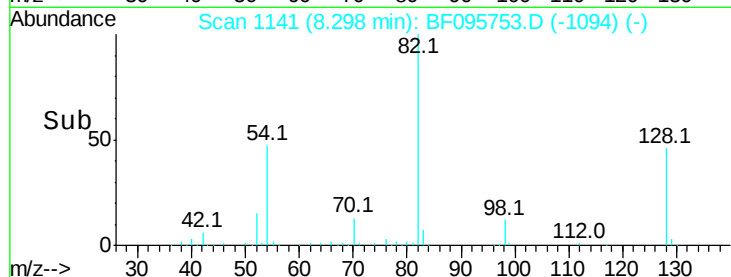
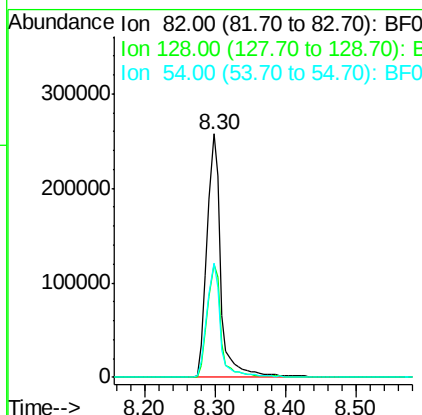
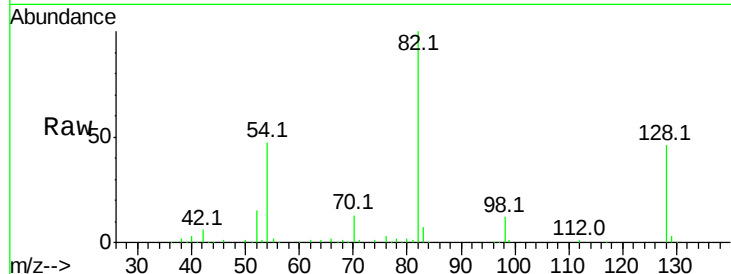
#23
Nitrobenzene-d5
Concen: 75.46 ng
RT: 8.30 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095753.D
Acq: 7 Jun 2017 18:59

Instrument :
BNA_F
ClientSampleId :
SB-7(10-12)20170603

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	46.8	42.2	63.2

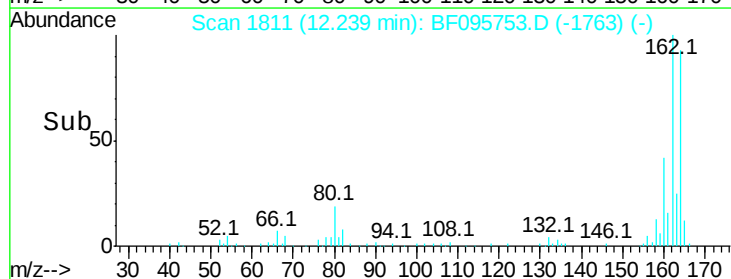
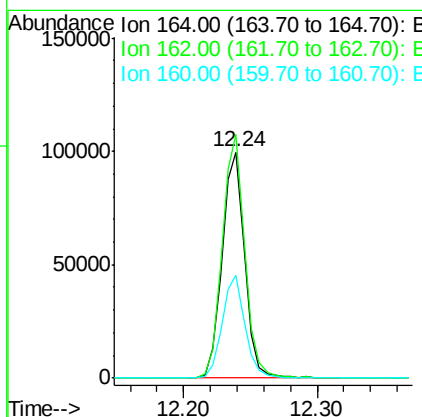
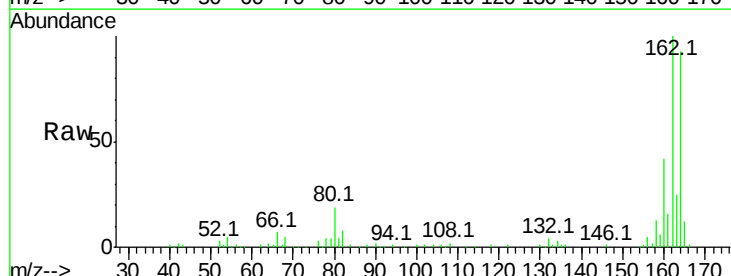
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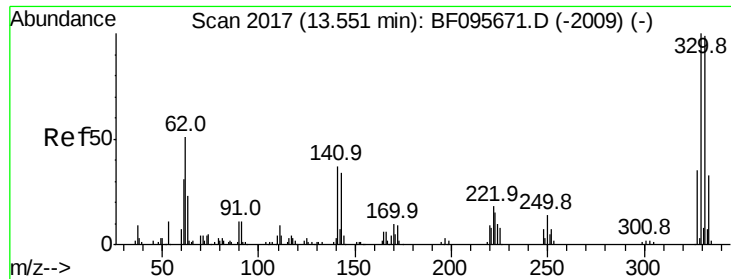
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF095753.D
Acq: 7 Jun 2017 18:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.9	82.6	123.8
160	45.5	36.2	54.2





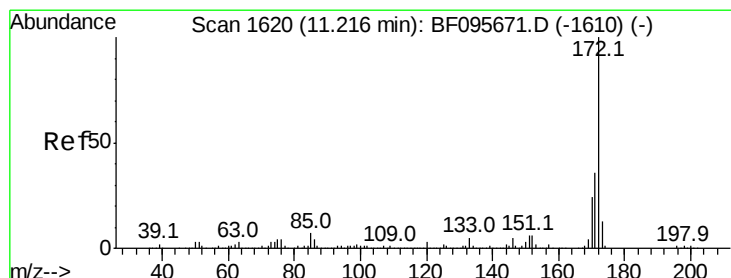
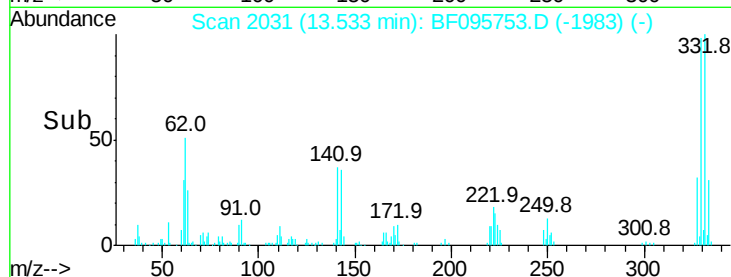
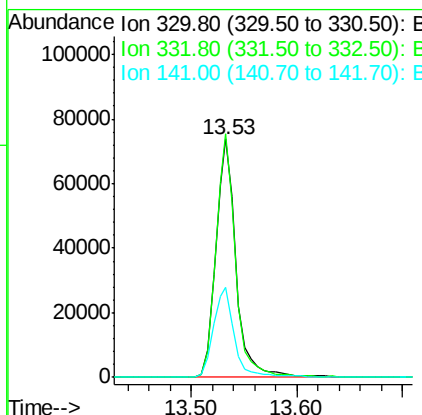
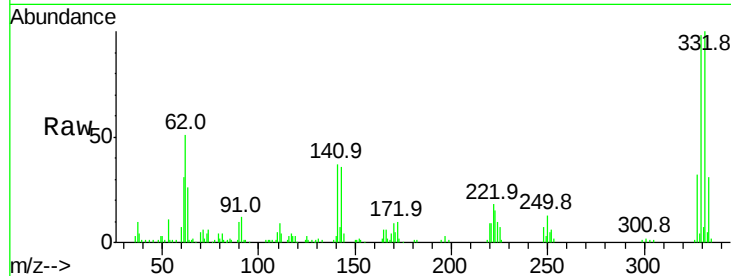
#41
 2,4,6-Tribromophenol
 Concen: 94.50 ng
 RT: 13.53 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF095753.D
 Acq: 7 Jun 2017 18:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(10-12)20170603

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	115.0
141	38.4	31.4	47.2

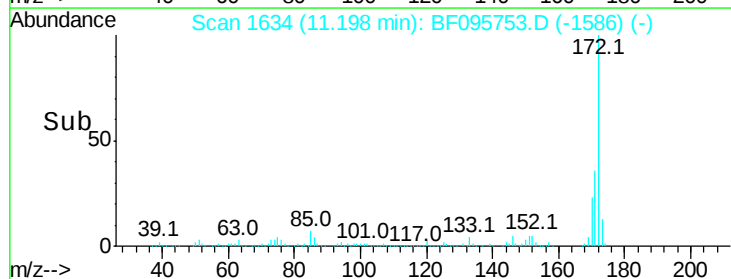
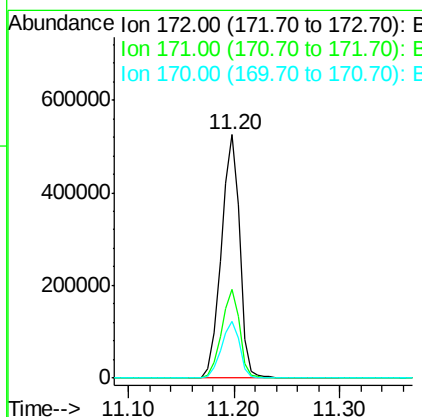
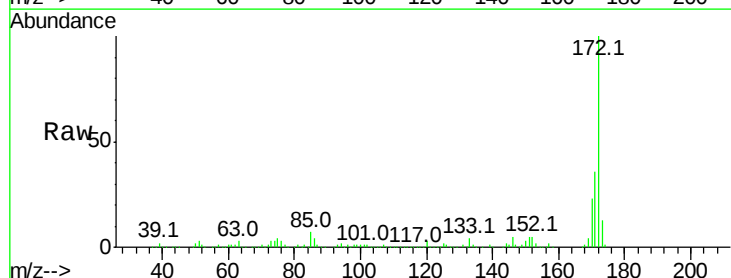
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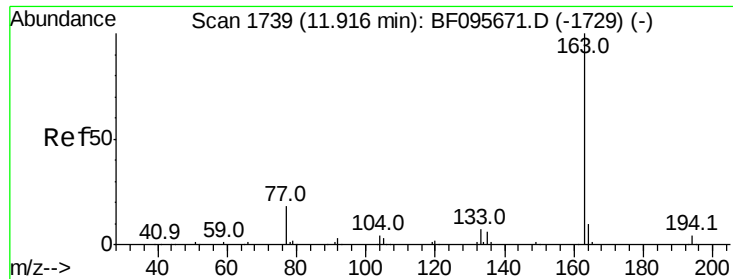
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#44
 2-Fluorobiphenyl
 Concen: 74.98 ng
 RT: 11.20 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF095753.D
 Acq: 7 Jun 2017 18:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.2	19.8	29.8





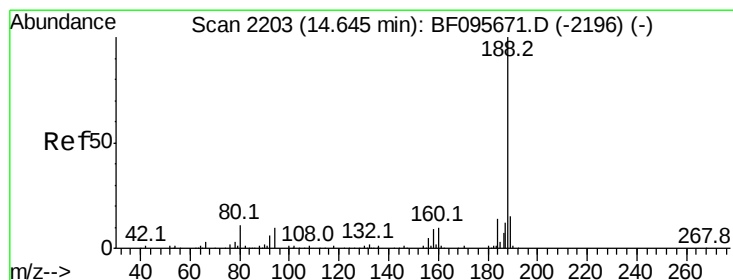
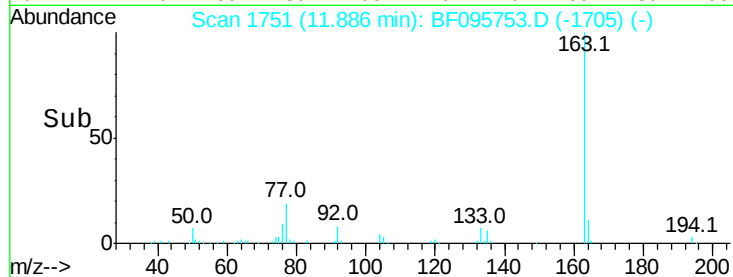
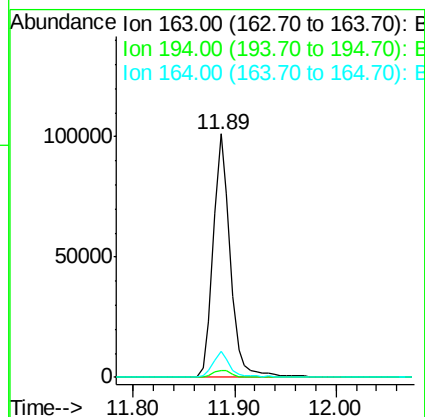
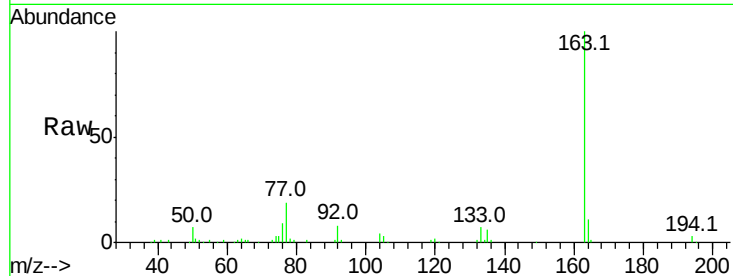
#49
Dimethylphthalate
Concen: 13.16 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095753.D
Acq: 7 Jun 2017 18:59

Instrument :
BNA_F
ClientSampleId :
SB-7(10-12)20170603

Tot Ion	Ratio	Resp	Lower	Upper
163	100	118898		
194	2.9		2.6	4.0
164	10.5		8.4	12.6

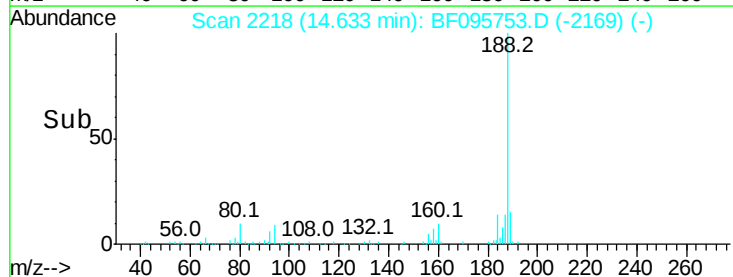
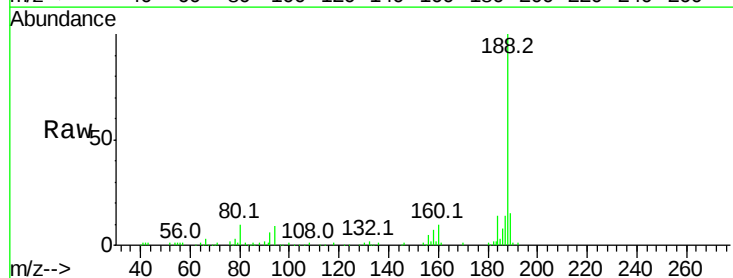
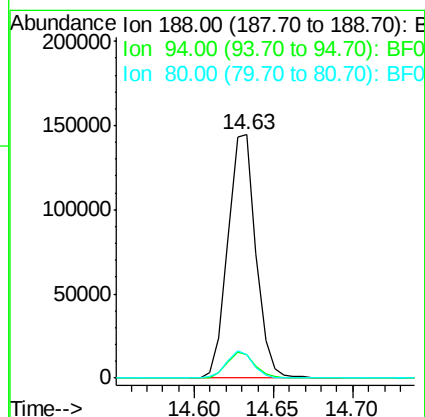
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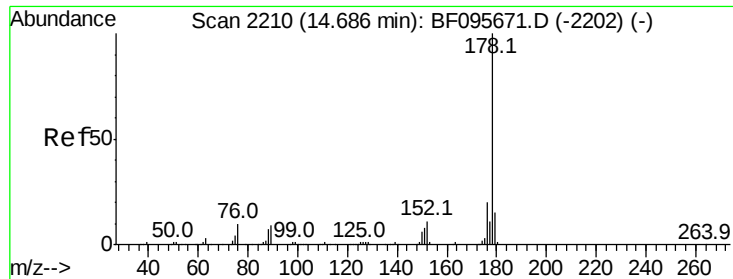
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF095753.D
Acq: 7 Jun 2017 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	177083		
94	9.5		9.4	14.2
80	9.7		10.2	15.2#





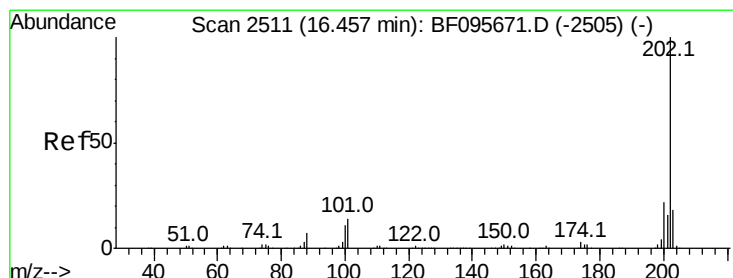
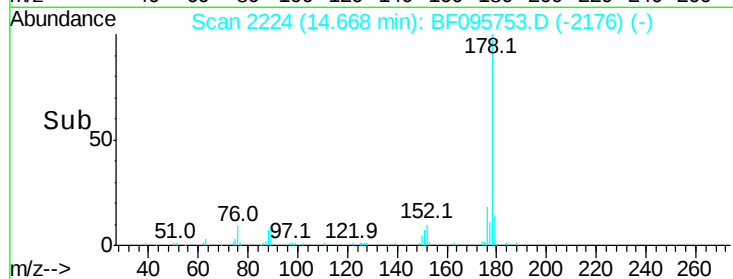
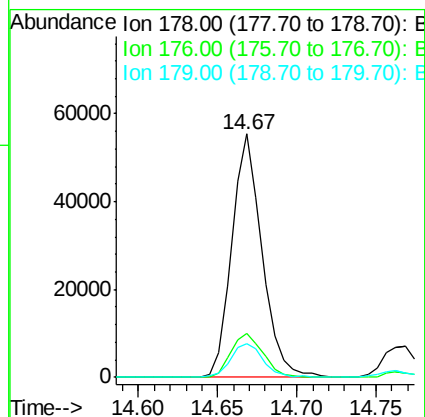
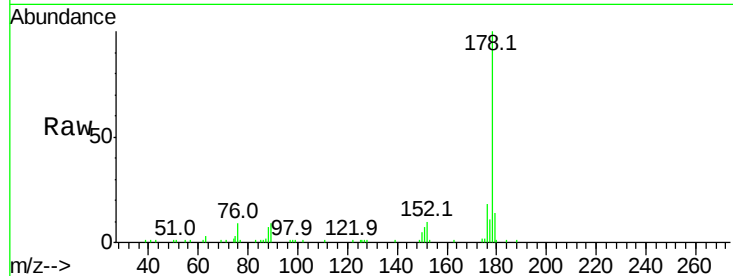
#70
Phenanthrene
Concen: 7.12 ng
RT: 14.67 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF095753.D
Acq: 7 Jun 2017 18:59

Instrument :
BNA_F
ClientSampleId :
SB-7(10-12)20170603

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.2	24.4
179	14.0	12.6	19.0

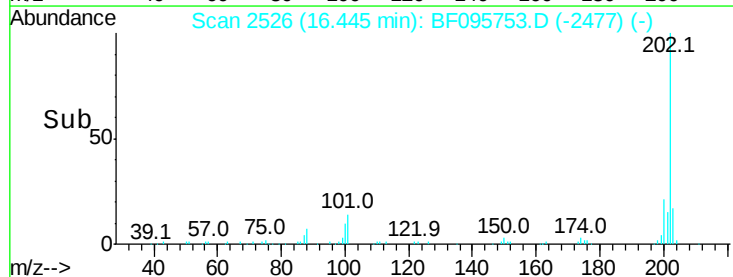
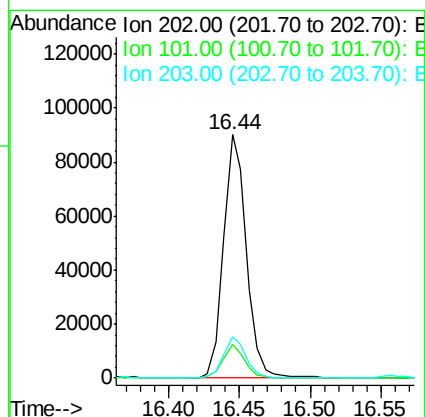
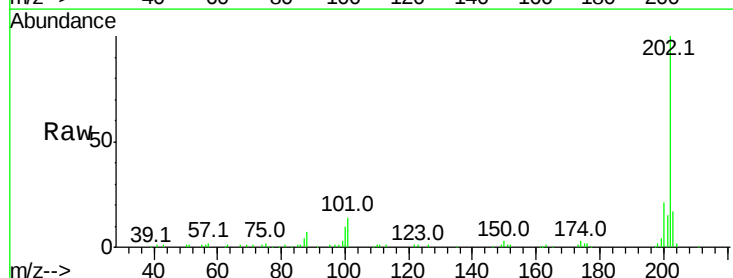
Manual Integrations
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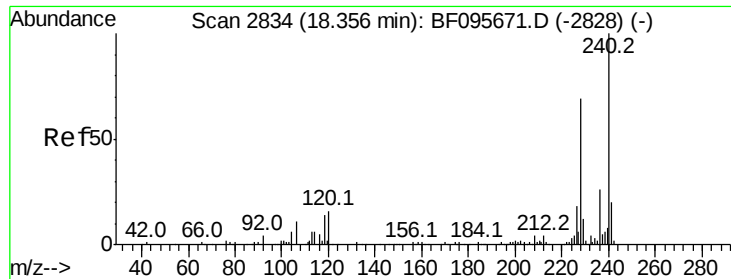
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#74
Fluoranthene
Concen: 10.01 ng
RT: 16.44 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF095753.D
Acq: 7 Jun 2017 18:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.34 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BF095753.D

Acq: 7 Jun 2017 18:59

Instrument :

BNA_F

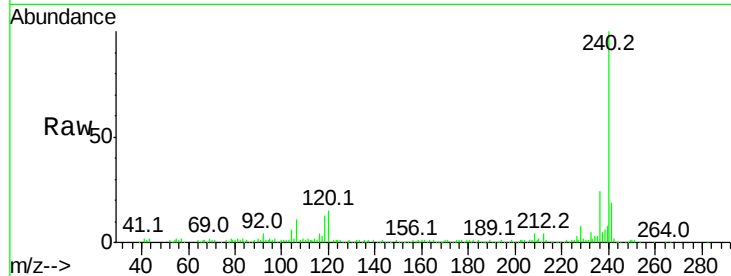
ClientSampleId :

SB-7(10-12)20170603

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	24.1	20.5	30.7

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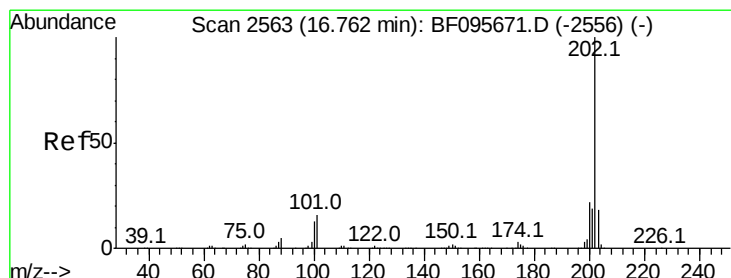
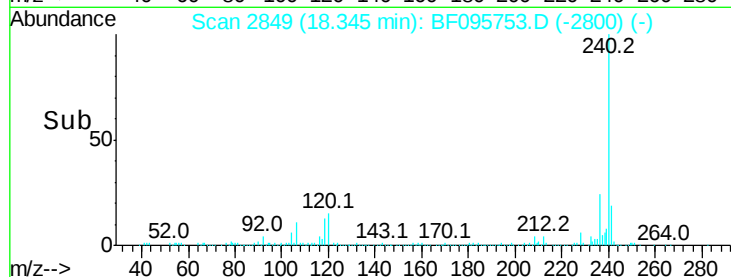
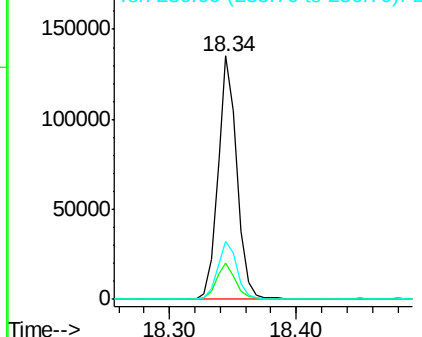
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 7.52 ng

RT: 16.75 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095753.D

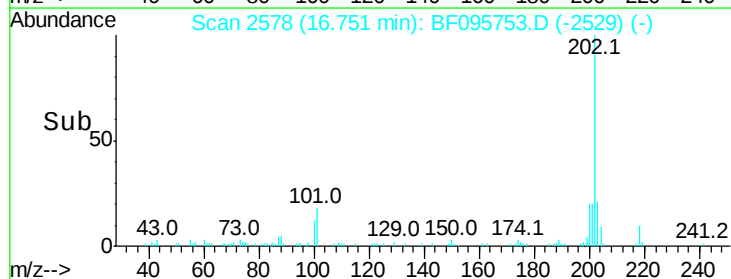
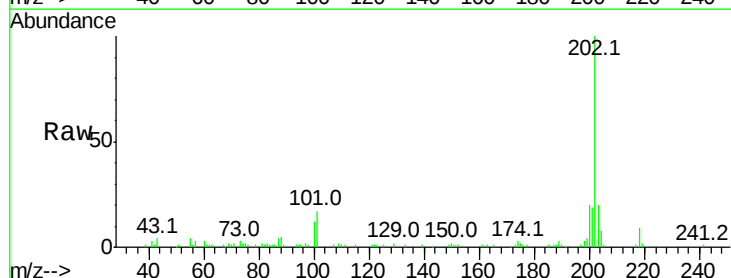
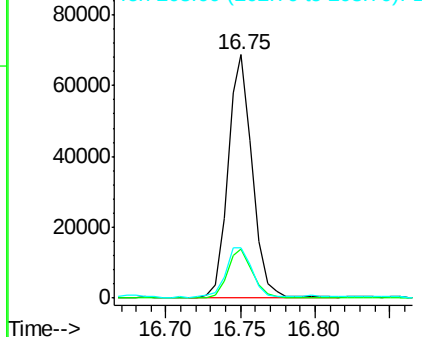
Acq: 7 Jun 2017 18:59

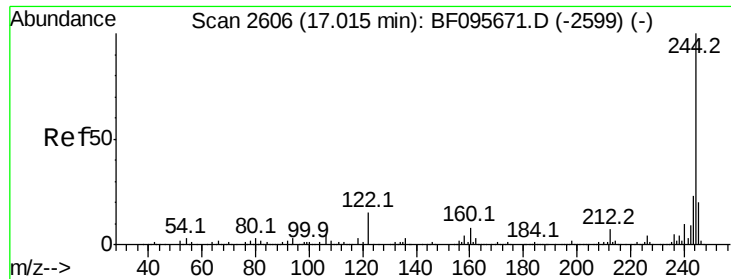
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.6	26.4
203	20.5	14.4	21.6

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





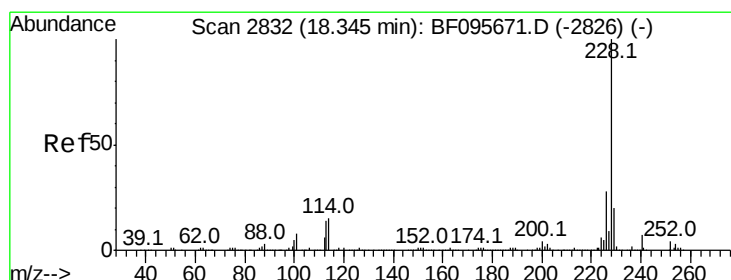
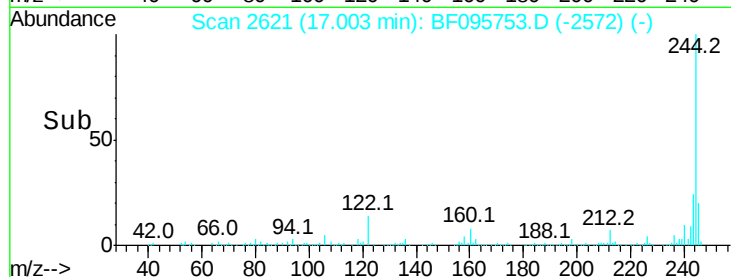
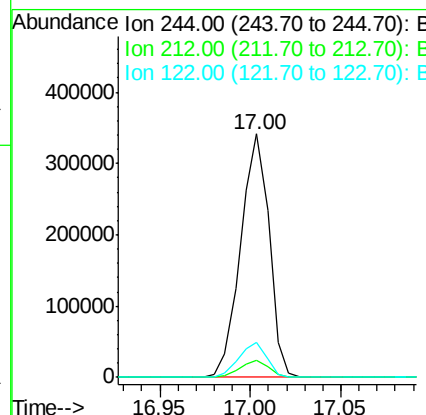
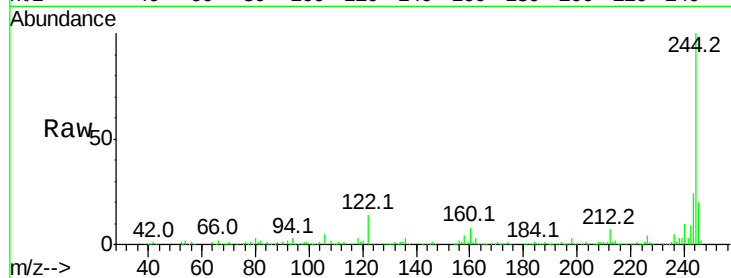
#78
 Terphenyl-d14
 Concen: 65.97 ng
 RT: 17.00 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF095753.D
 Acq: 7 Jun 2017 18:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(10-12)20170603

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.2	10.3	15.5

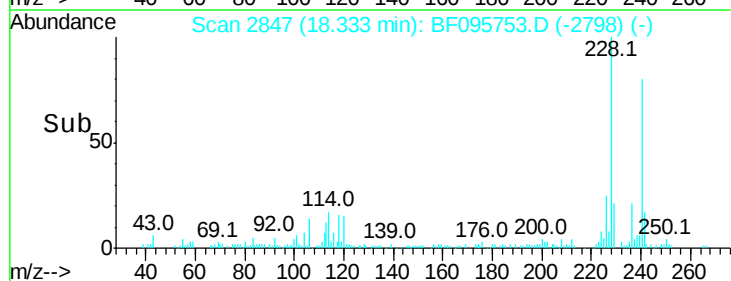
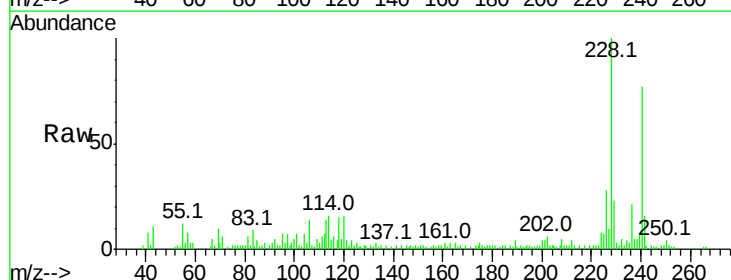
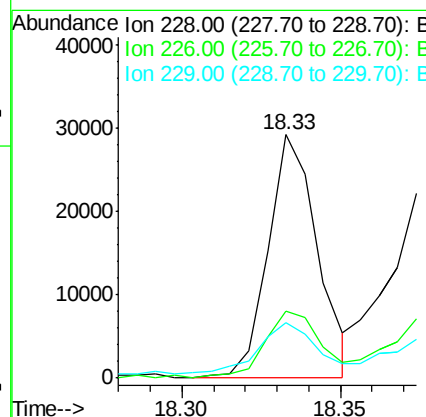
Manual Integrations
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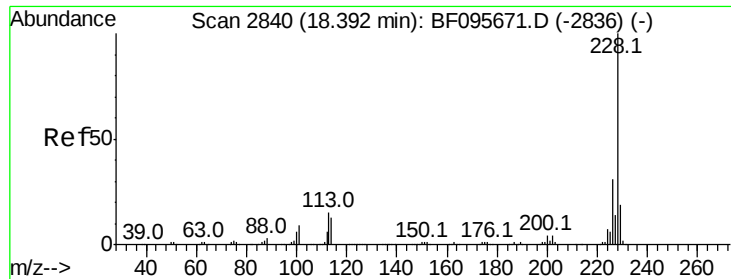
mohammad
 6/8/2017 12:18:52 PM



#80
 Benzo(a)anthracene
 Concen: 3.89 ng
 RT: 18.33 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095753.D
 Acq: 7 Jun 2017 18:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	22.9	16.3	24.5





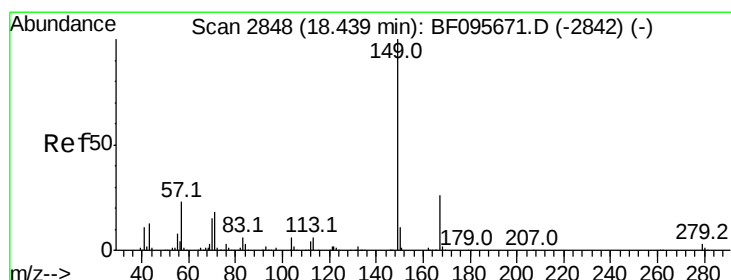
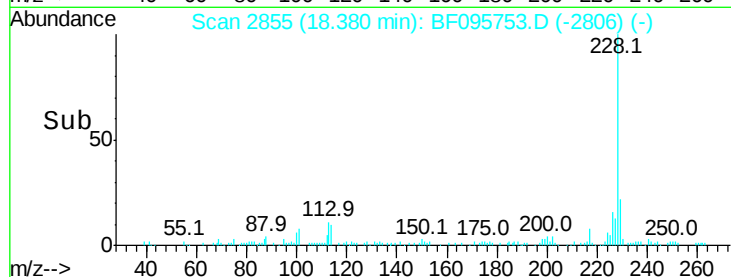
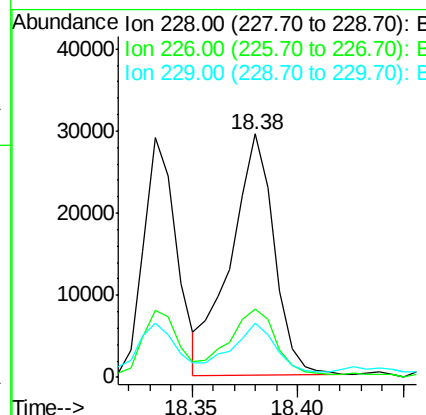
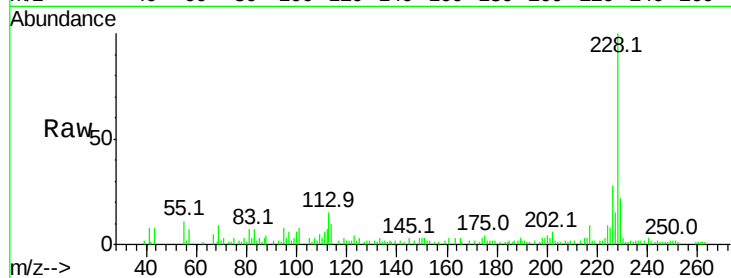
#82
Chrysene
Concen: 5.15 ng
RT: 18.38 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BF095753.D
Acq: 7 Jun 2017 18:59

Instrument :
BNA_F
ClientSampleId :
SB-7(10-12)20170603

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.9	37.3
229	22.2	15.8	23.6

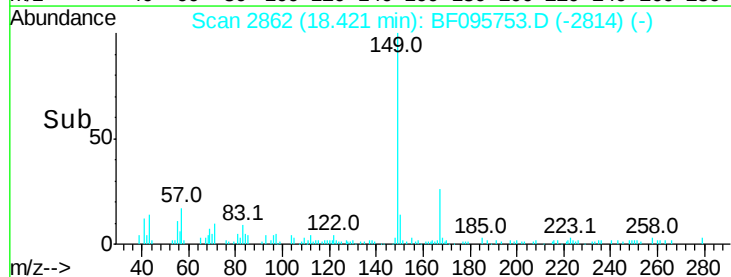
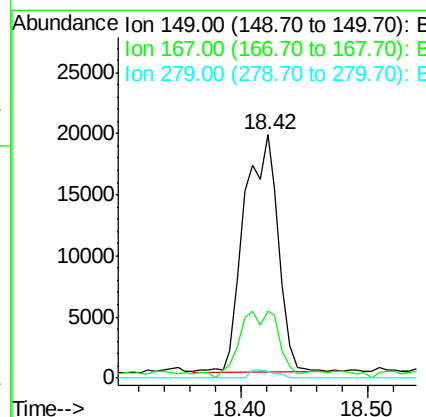
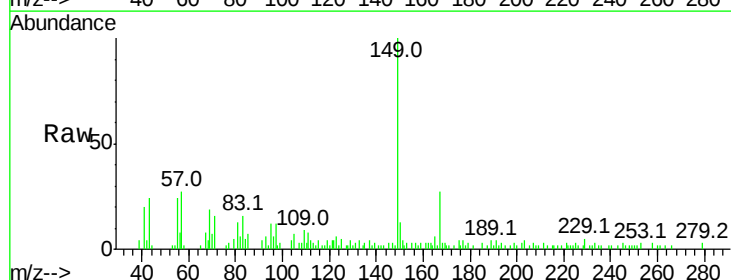
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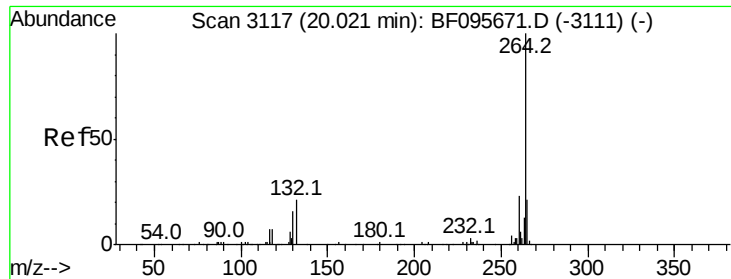
mohammad
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#83
Bis(2-ethylhexyl)phthalate
Concen: 5.62 ng
RT: 18.42 min Scan# 2862
Delta R.T. -0.02 min
Lab File: BF095753.D
Acq: 7 Jun 2017 18:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.0	31.4
279	3.0	1.9	2.9#





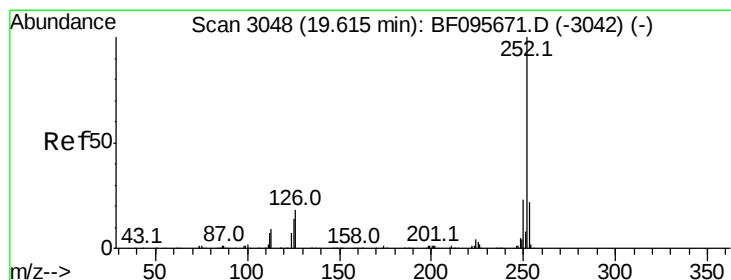
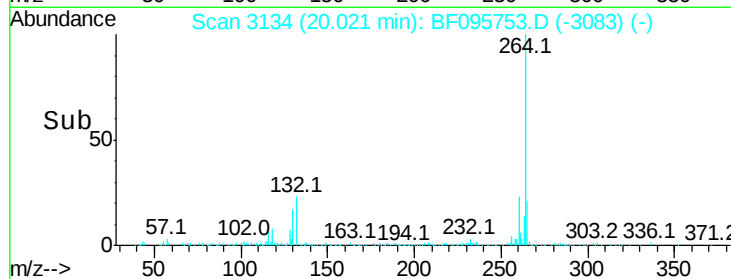
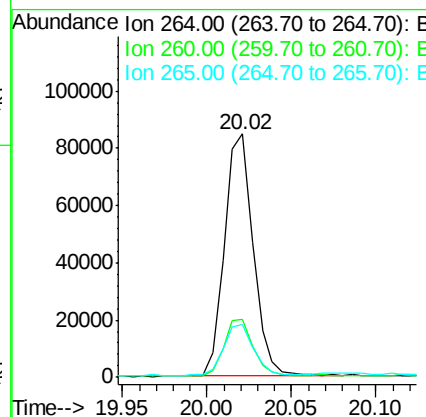
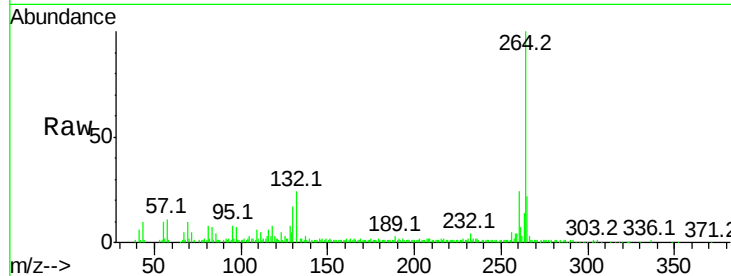
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BF095753.D
Acq: 7 Jun 2017 18:59

Instrument :
BNA_F
ClientSampleId :
SB-7(10-12)20170603

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.6	17.2	25.8

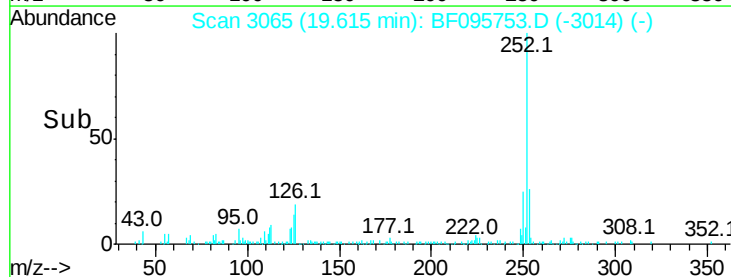
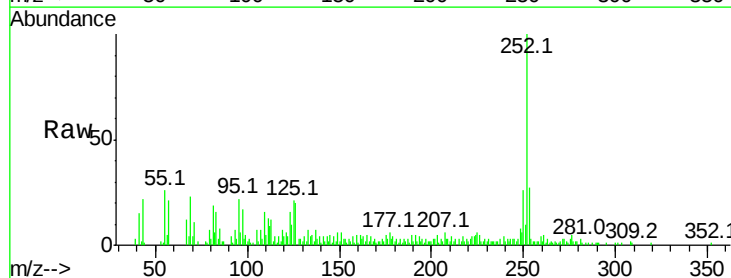
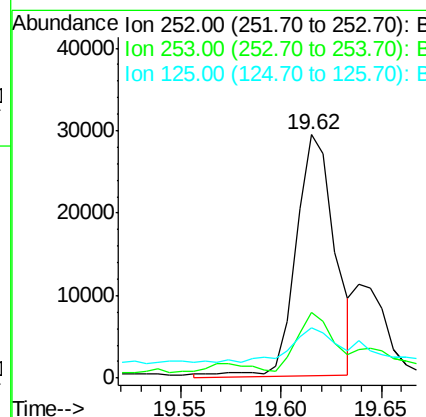
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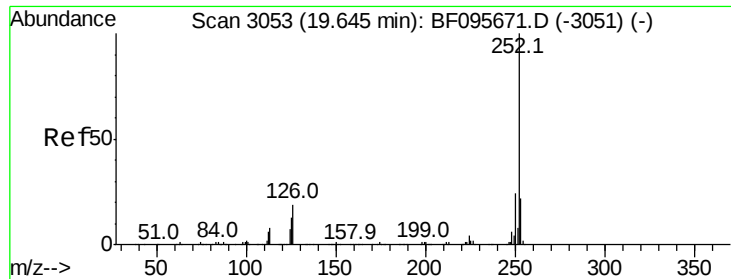
mohammad
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#87
Benzo(b)fluoranthene
Concen: 6.20 ng m
RT: 19.62 min Scan# 3065
Delta R.T. -0.00 min
Lab File: BF095753.D
Acq: 7 Jun 2017 18:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.1	27.1#
125	20.7	9.8	14.8#





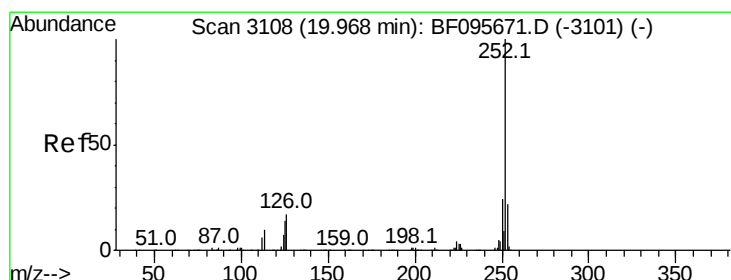
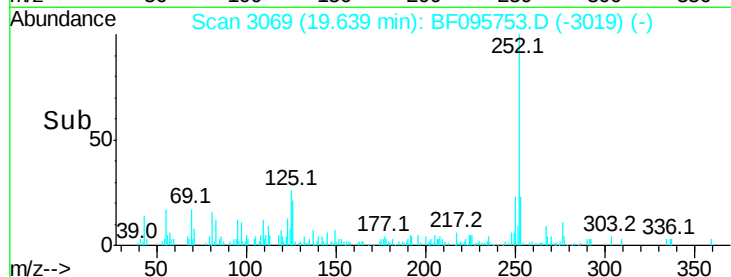
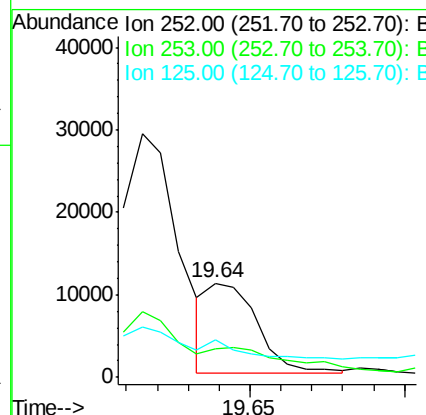
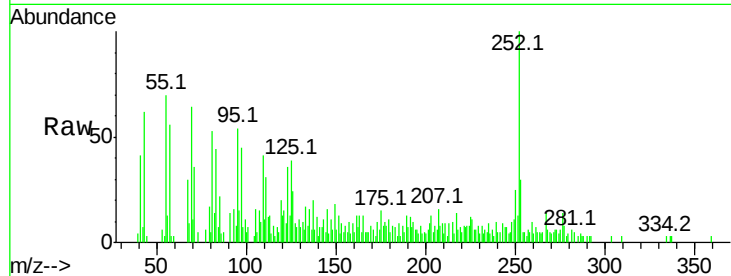
#88
Benzo(k)fluoranthene
Concen: 2.02 ng
RT: 19.64 min Scan# 3069
Delta R.T. -0.01 min
Lab File: BF095753.D
Acq: 7 Jun 2017 18:59

Instrument :
BNA_F
ClientSampleId :
SB-7(10-12)20170603

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.7	18.4	27.6#
125	39.4	13.1	19.7#

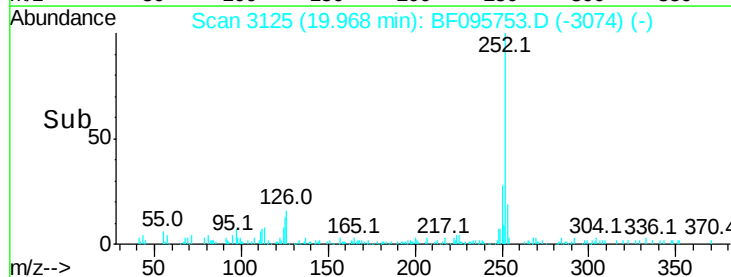
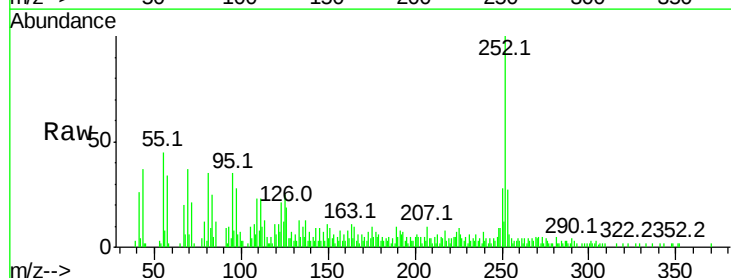
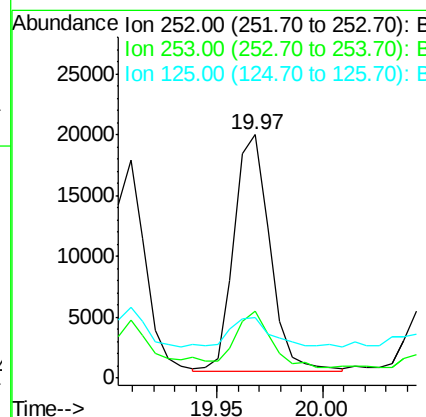
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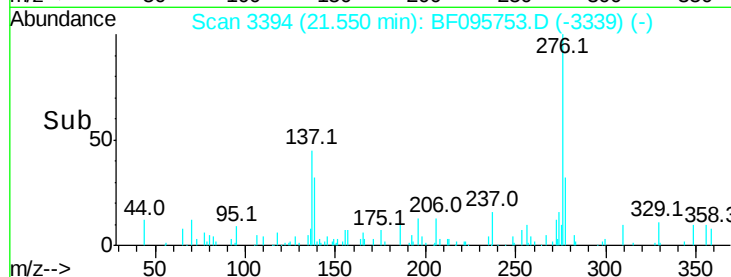
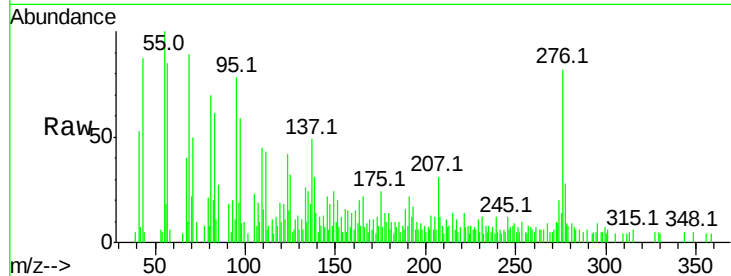
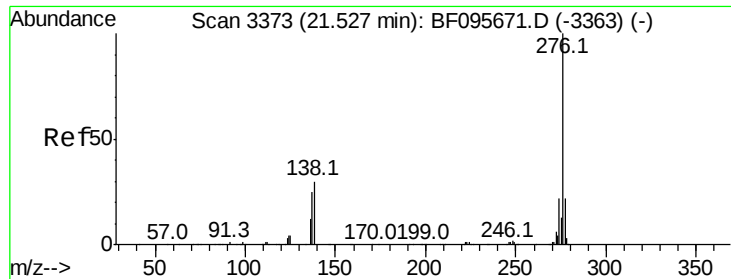
mohammad
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#89
Benzo(a)pyrene
Concen: 3.94 ng
RT: 19.97 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BF095753.D
Acq: 7 Jun 2017 18:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.5	26.3#
125	25.0	11.0	16.4#





#91
Benzo(a,h,i)perylene
Concen: 2.80 ng
RT: 21.55 min Scan# 3394
Delta R.T. 0.02 min
Lab File: BF095753.D
Acq: 7 Jun 2017 18:59

Instrument :
BNA_F
ClientSampleId :
SB-7(10-12)20170603

Tot Ion	Ratio	Lower	Upper
276	100		
277	34.0	18.6	28.0#
138	38.3	25.4	38.0#

Manual Integrations
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