

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
 Data File : BF095688.D
 Acq On : 5 Jun 2017 23:13
 Operator : SJ/MA
 Sample : I3405-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-SB-6D12

Manual Integrations
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Quant Time: Jun 06 02:32:25 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	7.40	152	88335	20.00	ng	0.00
21) Naphthalene-d8	9.42	136	429346	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	183753	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	310226	20.00	ng	0.00
75) Chrysene-d12	18.35	240	177284	20.00	ng	0.00
86) Perylene-d12	20.02	264	163293	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	540524	97.50	ng	0.00
7) Phenol-d6	6.95	99	685290	103.26	ng	0.00
23) Nitrobenzene-d5	8.31	82	371420	53.73	ng	-0.01
41) 2,4,6-Tribromophenol	13.54	330	122448	75.32	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	718692	54.43	ng	0.00
78) Terphenyl-d14	17.01	244	416446	58.30	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.97	94	34784	5.052	ng	88
49) Dimethylphthalate	11.90	163	71499	5.125	ng	97
70) Phenanthrene	14.68	178	173589	9.698	ng	98
71) Anthracene	14.77	178	37457	2.004	ng	98
74) Fluoranthene	16.45	202	238056	13.437	ng	97
77) Pyrene	16.75	202	195344	14.767	ng	96
80) Benzo(a)anthracene	18.34	228	114492	11.108	ng	99
82) Chrysene	18.38	228	112231	10.896	ng	98
85) Indeno(1,2,3-cd)pyrene	21.20	276	63891	7.249	ng	97
87) Benzo(b)fluoranthene	19.62	252	154469m	15.107	ng	
88) Benzo(k)fluoranthene	19.64	252	44863m	4.590	ng	
89) Benzo(a)pyrene	19.97	252	97787	10.405	ng	98
90) Dibenzo(a,h)anthracene	21.20	278	17907	2.246	ng	# 76
91) Benzo(g,h,i)perylene	21.54	276	60327	7.423	ng	98

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

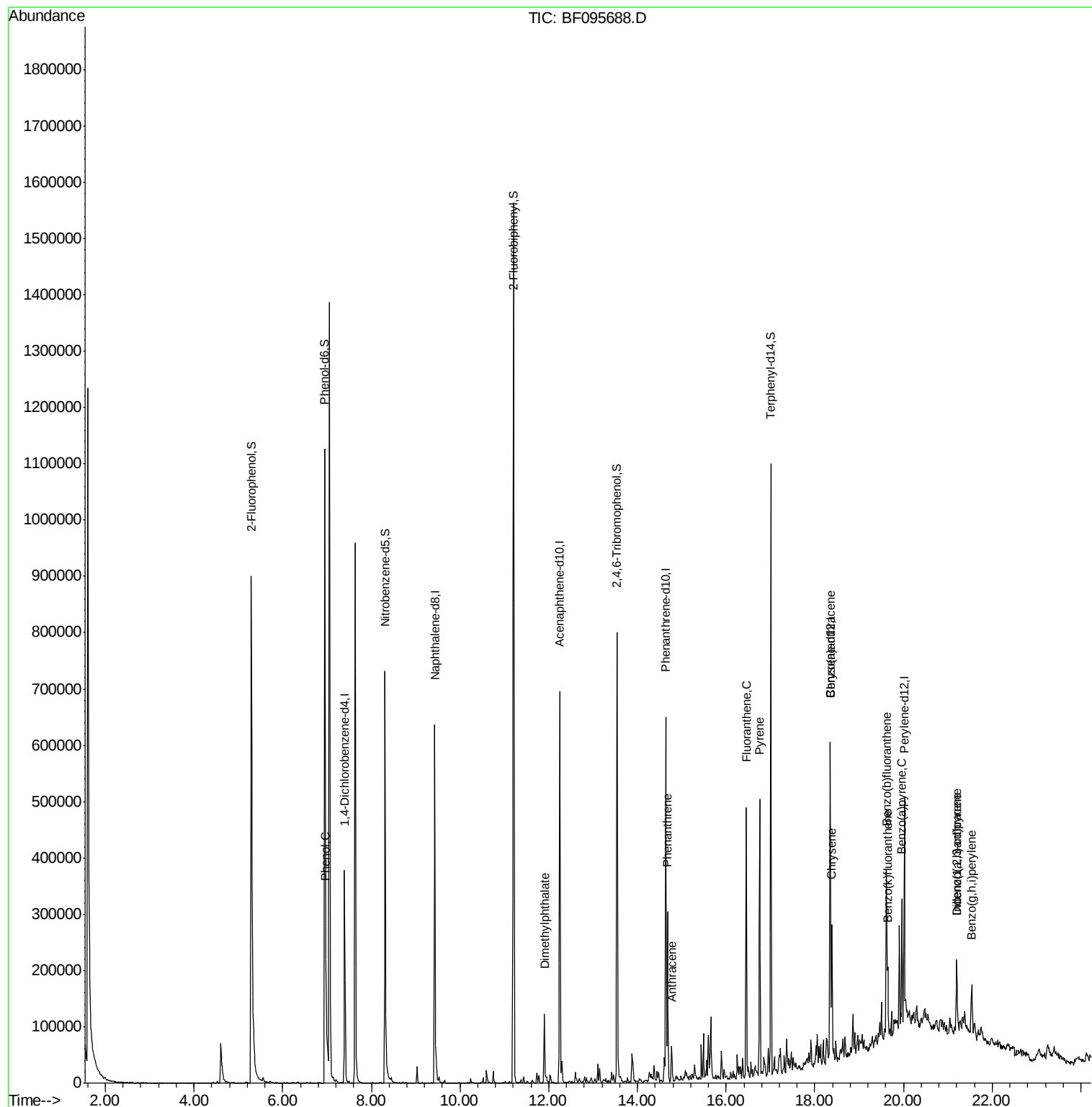
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
Data File : BF095688.D
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ALS Vial : 13 Sample Multiplier: 1

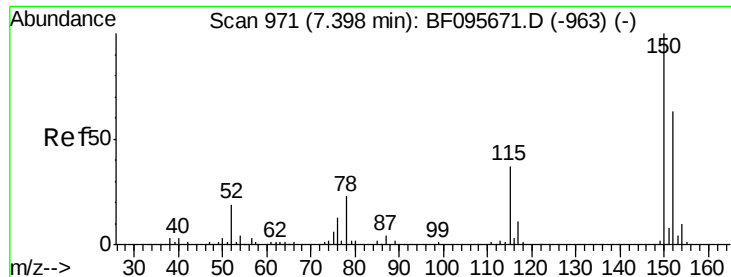
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

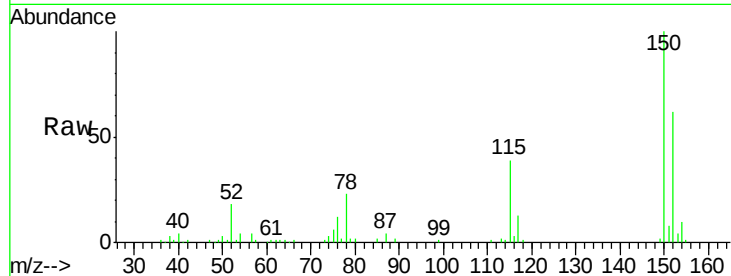
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.40 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF095688.D
Acq: 5 Jun 2017 23:13

Instrument :
BNA_F
ClientSampled :
R1-SB-6D12

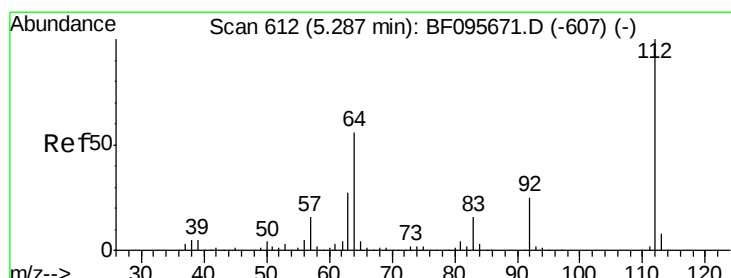
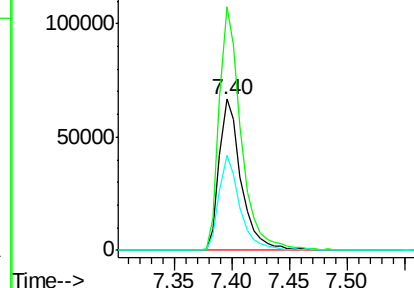
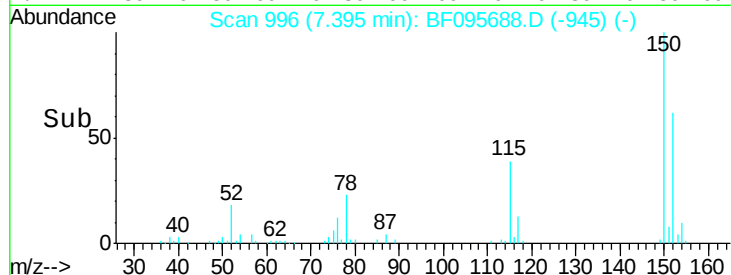
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.2	189.2
115	62.5	52.2	78.2

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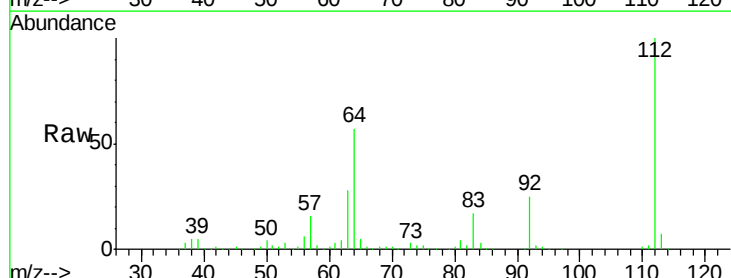
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



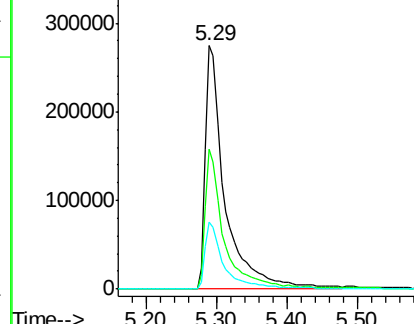
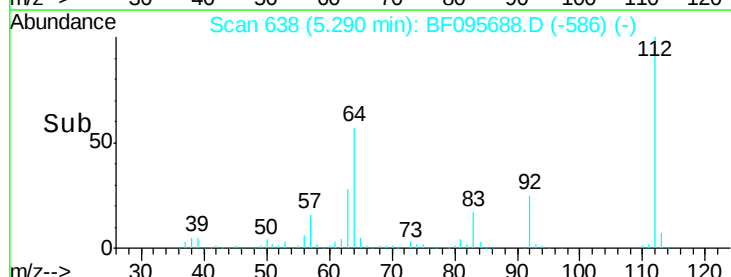
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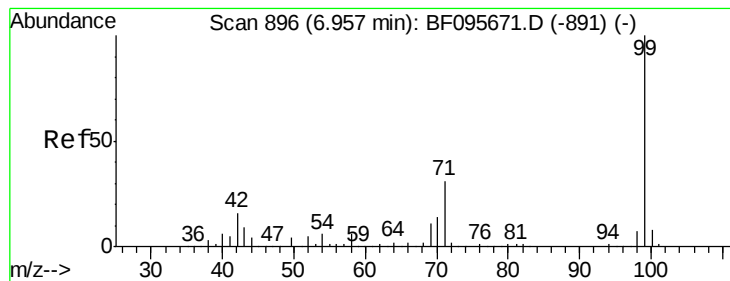
2-Fluorophenol
Concen: 97.504 ng
RT: 5.29 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF095688.D
Acq: 5 Jun 2017 23:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.0	69.0
63	27.7	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: 103.258 ng

RT: 6.95 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF095688.D

Acq: 5 Jun 2017 23:13

Instrument :

BNA_F

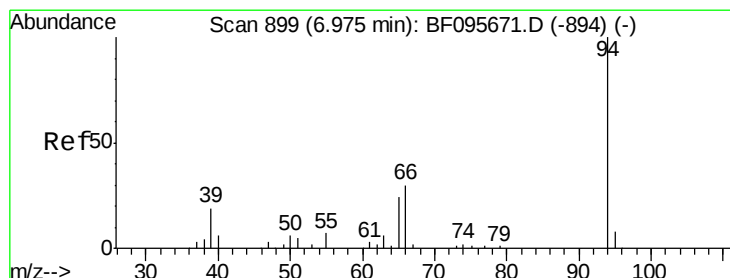
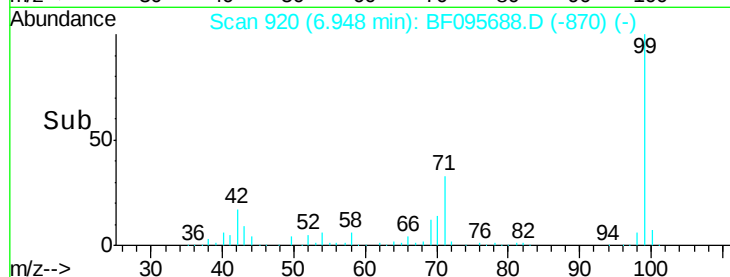
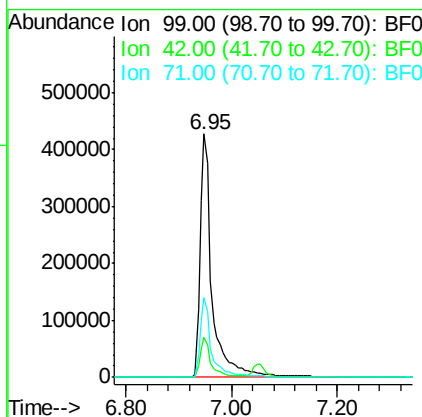
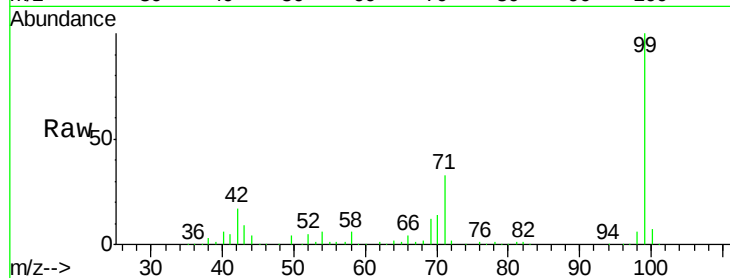
ClientSampled :

R1-SB-6D12

Tgt Ion:	99	Resp:	685290
Ion Ratio	Lower	Upper	
99	100		
42	16.7	13.5	20.3
71	32.6	24.5	36.7

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#10

Phenol

Concen: 5.052 ng

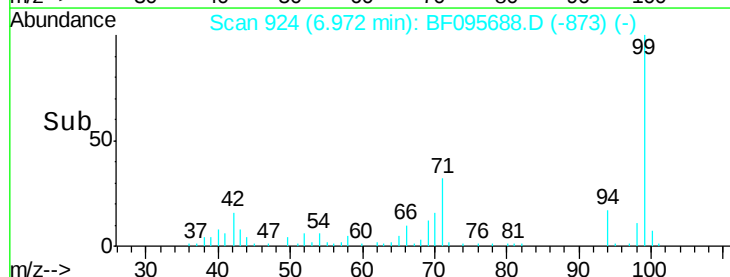
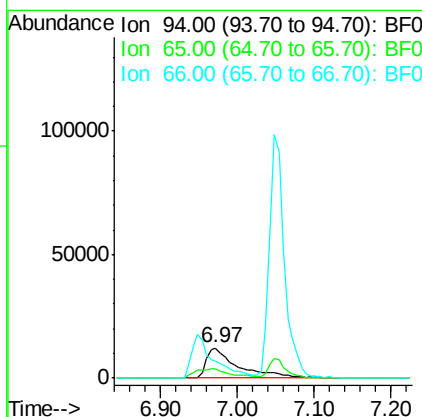
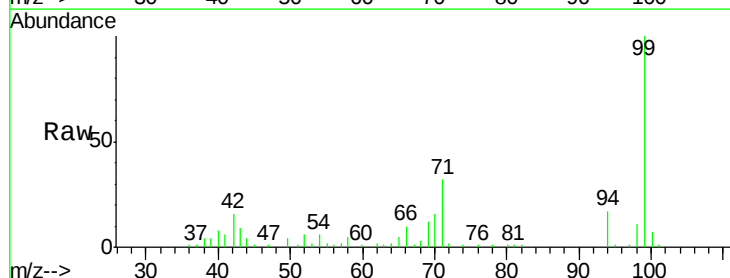
RT: 6.97 min Scan# 924

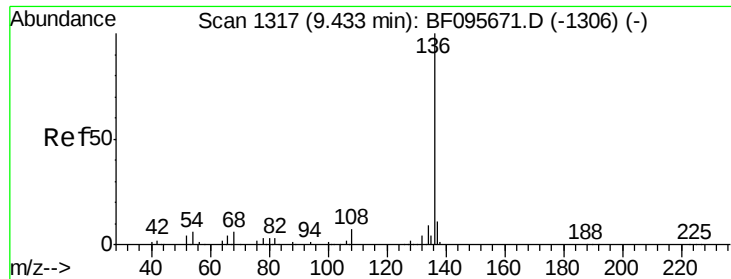
Delta R.T. -0.00 min

Lab File: BF095688.D

Acq: 5 Jun 2017 23:13

Tgt Ion:	94	Resp:	34784
Ion Ratio	Lower	Upper	
94	100		
65	30.4	9.9	49.9
66	55.8	23.1	63.1





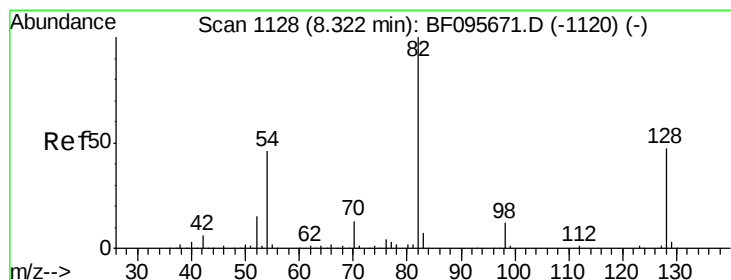
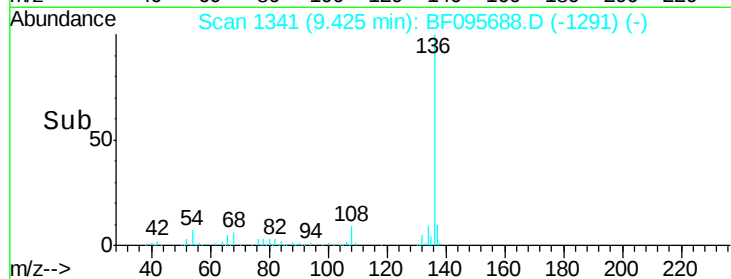
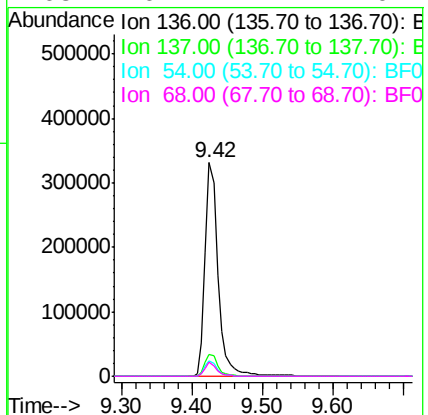
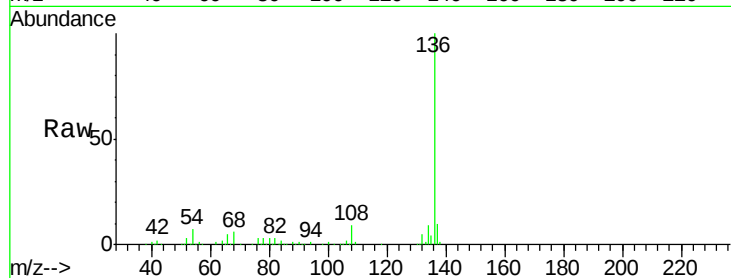
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.42 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF095688.D
Acq: 5 Jun 2017 23:13

Instrument :
BNA_F
ClientSampleId :
R1-SB-6D12

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	429346		
137	10.4	8.5	12.7	
54	7.4	4.9	7.3#	
68	6.4	4.1	6.1#	

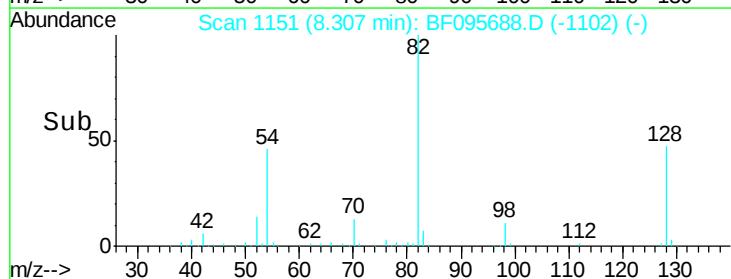
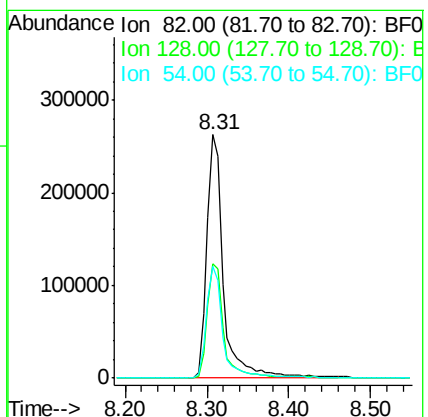
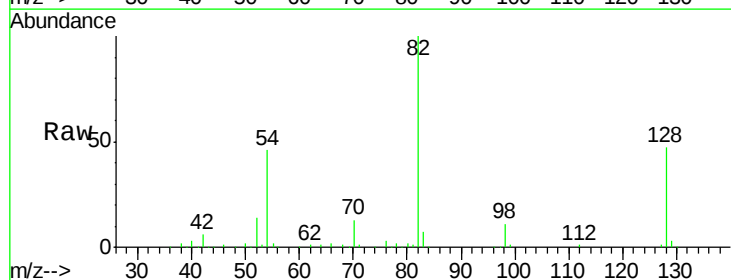
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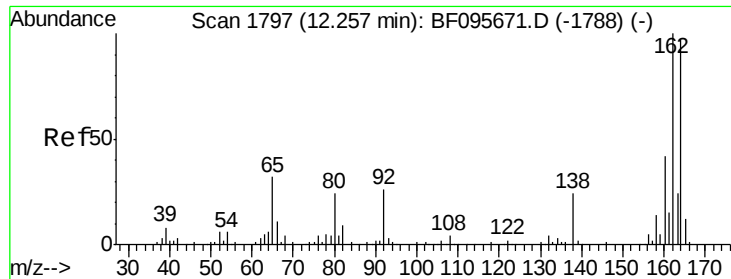
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#23
Nitrobenzene-d5
Concen: 53.726 ng
RT: 8.31 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF095688.D
Acq: 5 Jun 2017 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	371420		
128	47.0	34.0	51.0	
54	46.2	42.2	63.2	





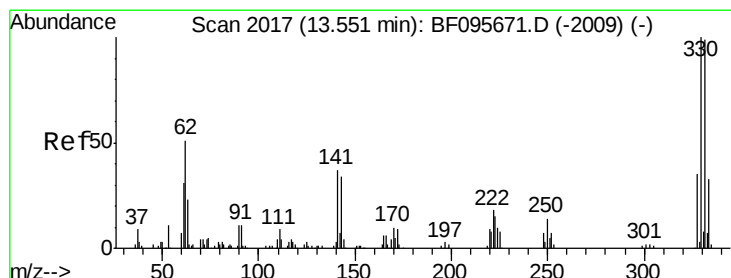
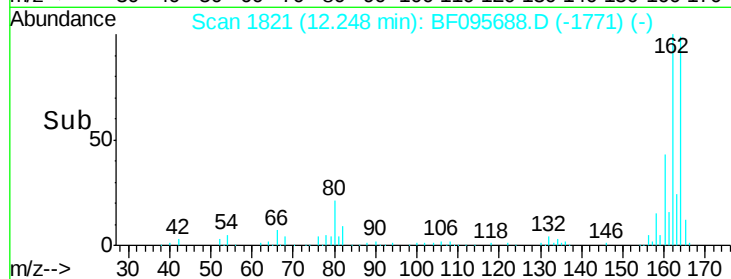
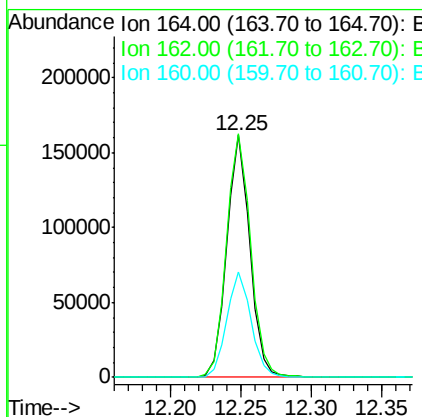
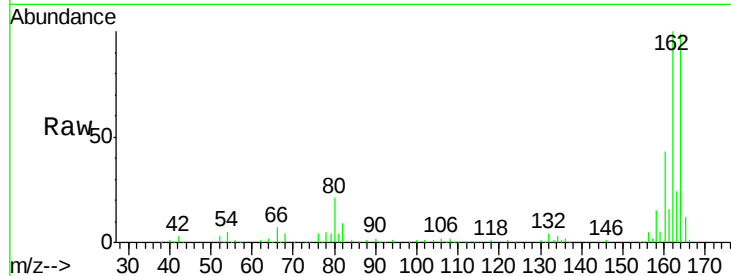
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.25 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF095688.D
 Acq: 5 Jun 2017 23:13

Instrument :
 BNA_F
 ClientSampleId :
 R1-SB-6D12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	183753		
162	100.7	82.6	123.8	
160	43.5	36.2	54.2	

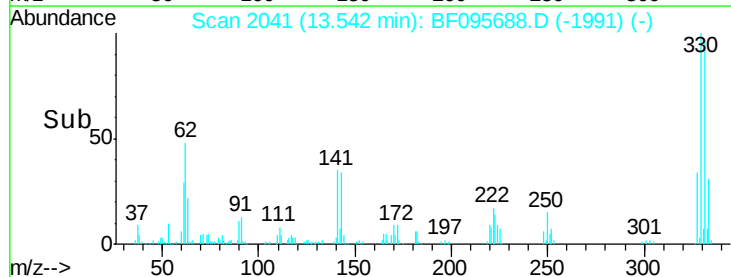
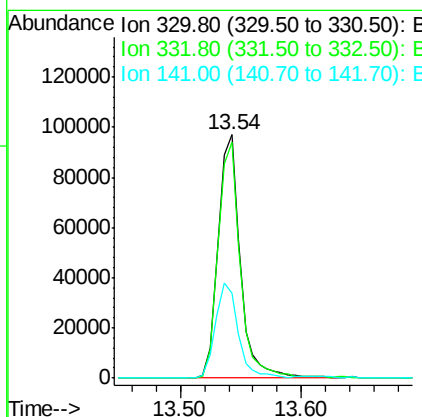
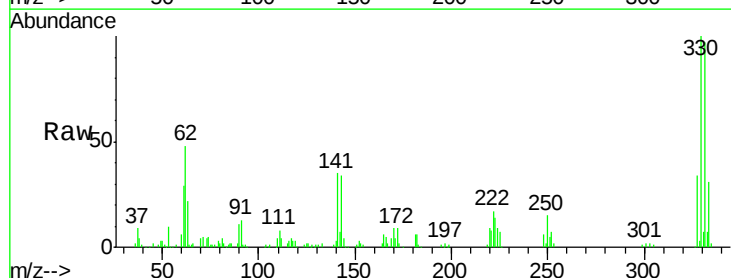
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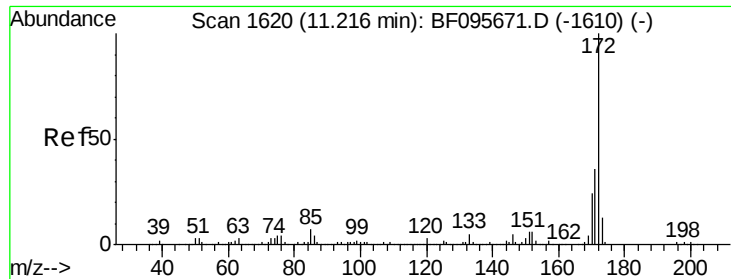
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#41
 2,4,6-Tribromophenol
 Concen: 75.316 ng
 RT: 13.54 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095688.D
 Acq: 5 Jun 2017 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	122448		
332	97.6	76.6	115.0	
141	40.2	31.4	47.2	





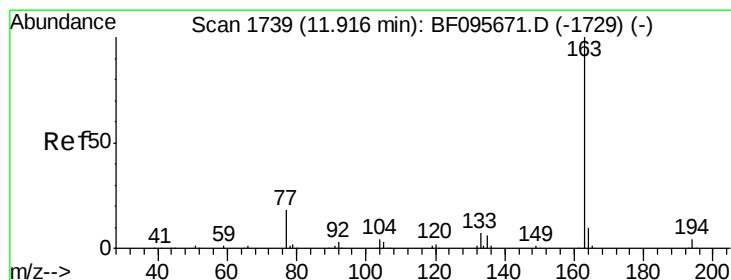
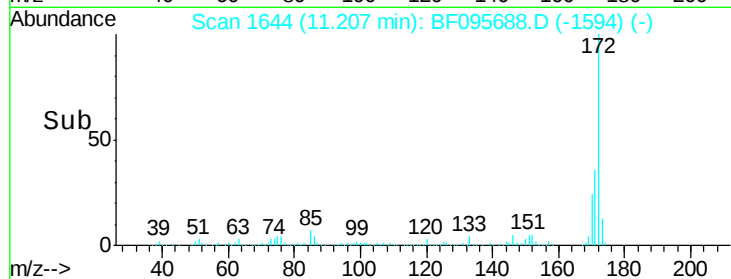
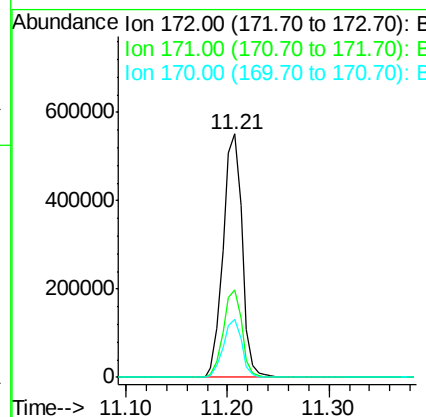
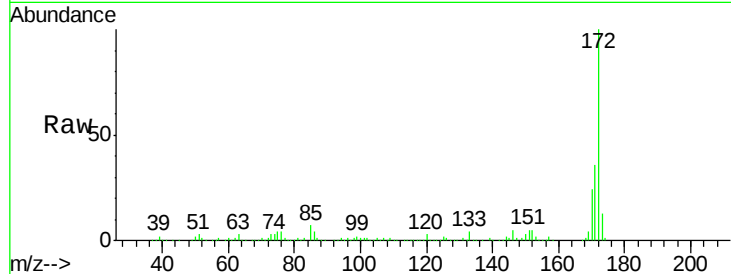
#44
2-Fluorobiphenyl
Concen: 54.427 ng
RT: 11.21 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BF095688.D
Acq: 5 Jun 2017 23:13

Instrument :
BNA_F
ClientSampleId :
R1-SB-6D12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	718692		
171	36.1	29.6	44.4	
170	23.9	19.8	29.8	

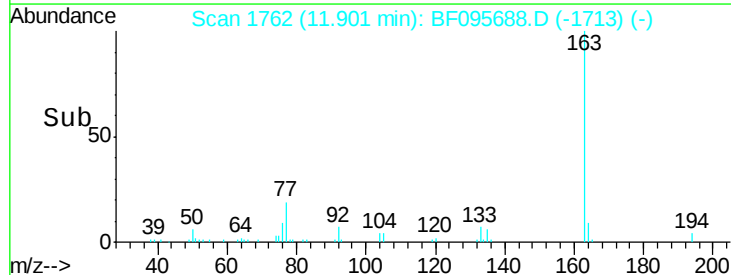
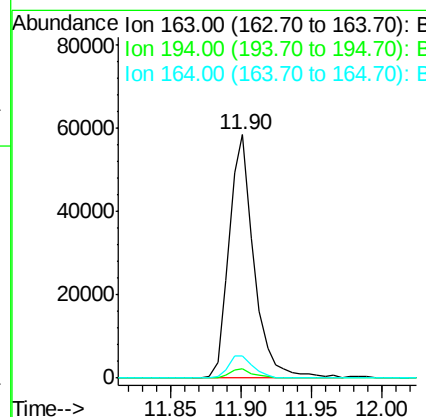
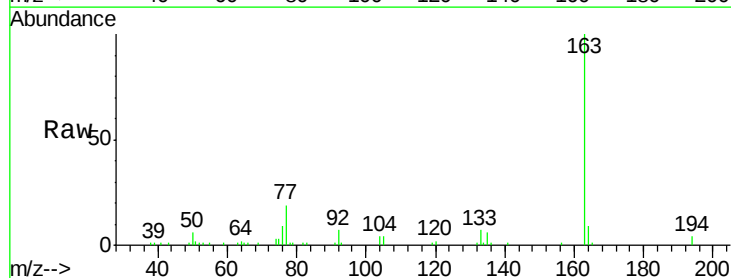
Manual Integrations
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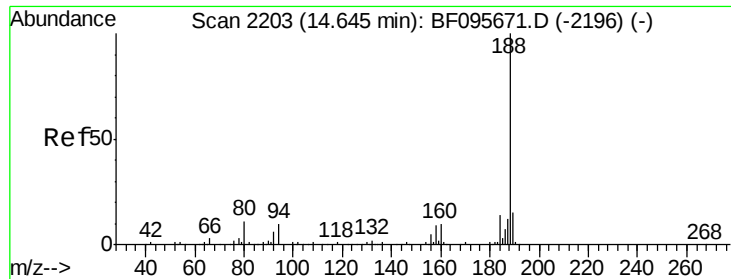
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#49
Dimethylphthalate
Concen: 5.125 ng
RT: 11.90 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF095688.D
Acq: 5 Jun 2017 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	71499		
194	3.8	2.6	4.0	
164	9.2	8.4	12.6	





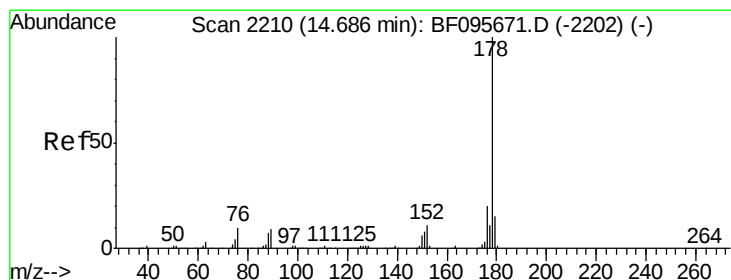
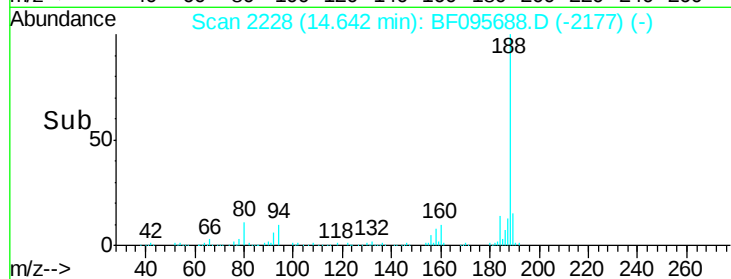
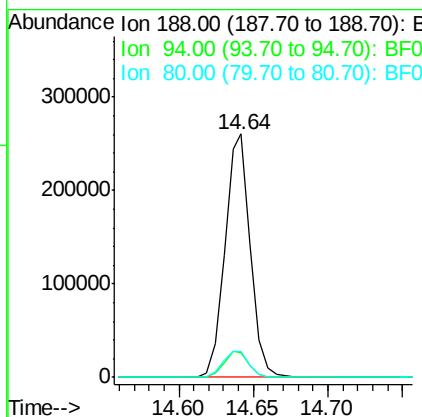
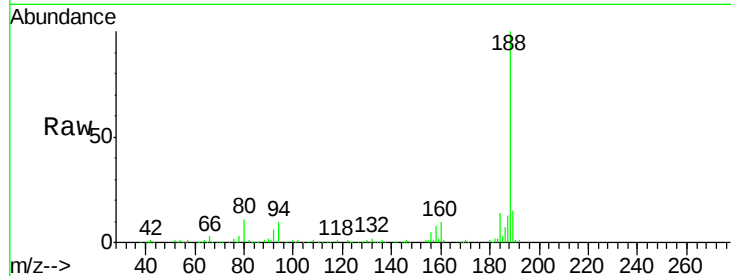
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF095688.D
Acq: 5 Jun 2017 23:13

Instrument :
BNA_F
ClientSampleId :
R1-SB-6D12

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	310226		
94	10.1		9.4	14.2
80	10.9		10.2	15.2

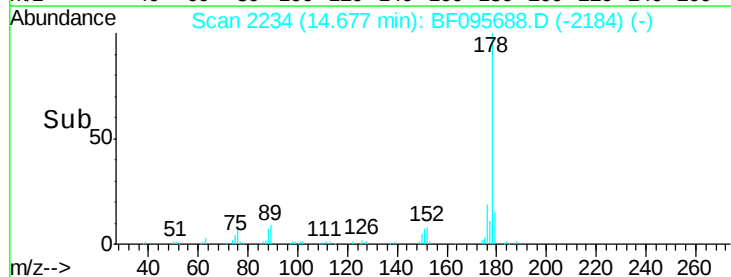
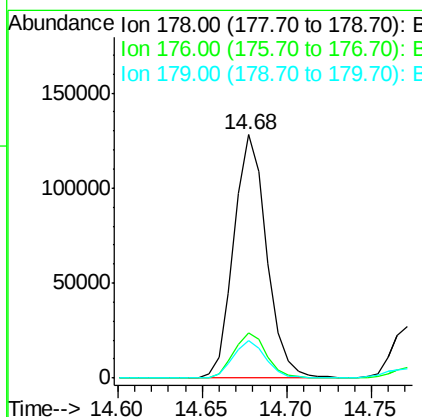
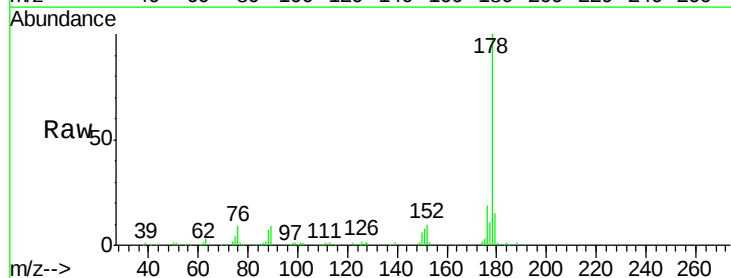
Manual Integrations
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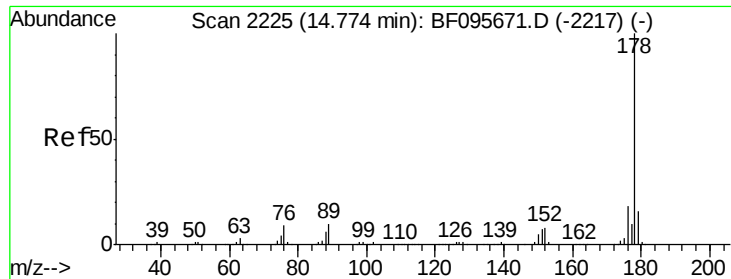
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#70
Phenanthrene
Concen: 9.698 ng
RT: 14.68 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF095688.D
Acq: 5 Jun 2017 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	173589		
176	18.7		16.2	24.4
179	15.4		12.6	19.0





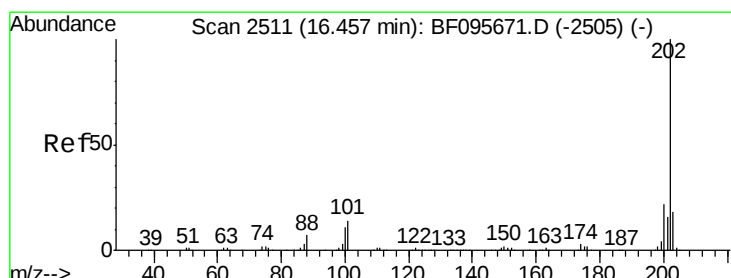
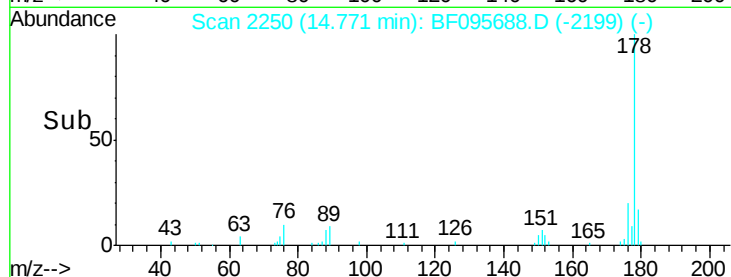
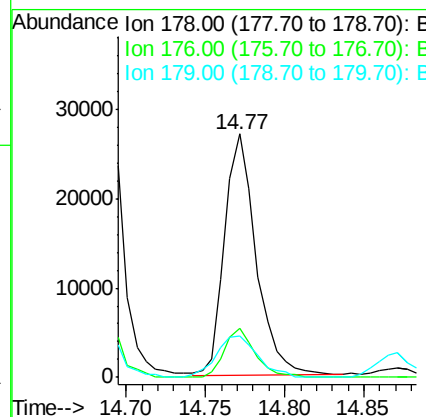
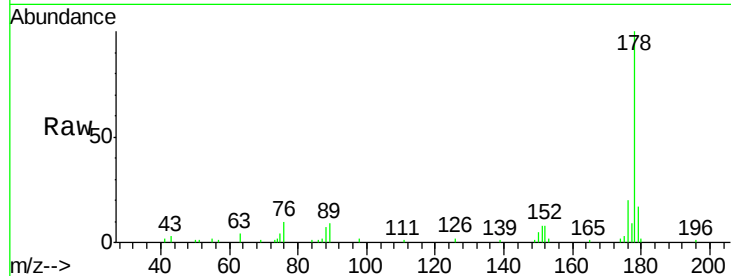
#71
 Anthracene
 Concen: 2.004 ng
 RT: 14.77 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: BF095688.D
 Acq: 5 Jun 2017 23:13

Instrument :
 BNA_F
 ClientSampleId :
 R1-SB-6D12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	17.0	12.7	19.1

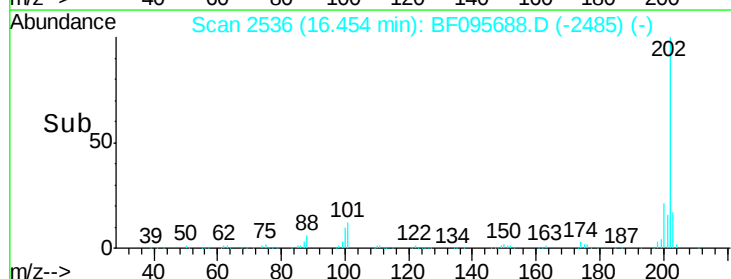
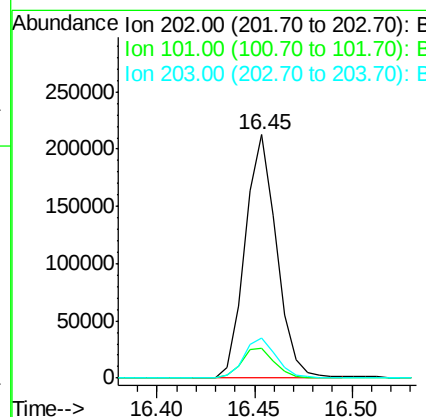
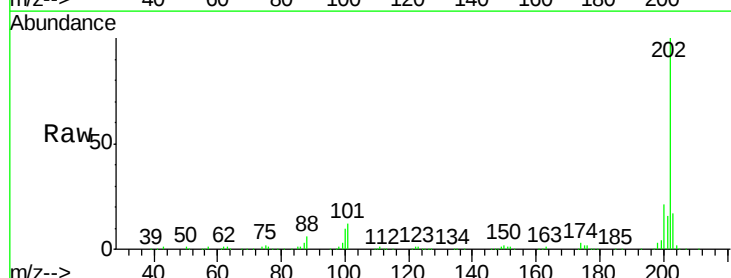
Manual Integrations
 APPROVED

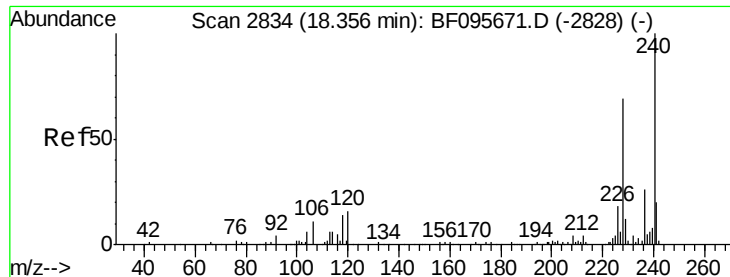
mohammad
 6/6/2017 5:12:58 PM



#74
 Fluoranthene
 Concen: 13.437 ng
 RT: 16.45 min Scan# 2536
 Delta R.T. -0.00 min
 Lab File: BF095688.D
 Acq: 5 Jun 2017 23:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	16.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.35 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BF095688.D

Acq: 5 Jun 2017 23:13

Instrument :

BNA_F

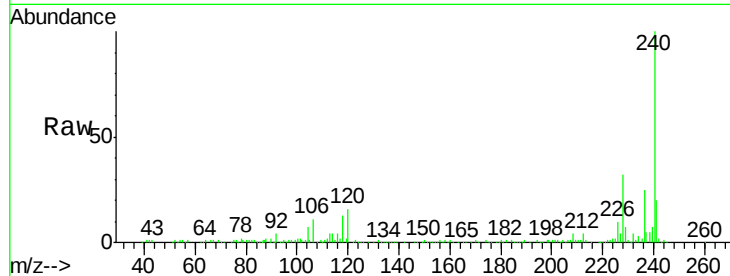
ClientSampleId :

R1-SB-6D12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	25.4	20.5	30.7

Manual Integrations
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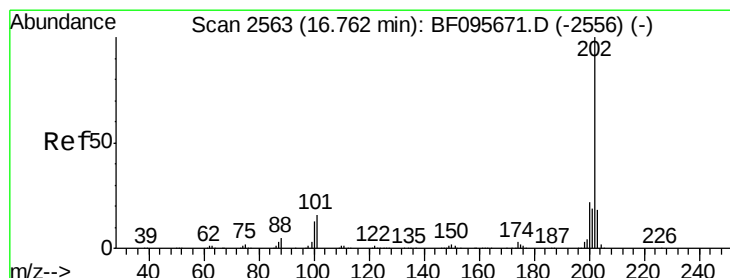
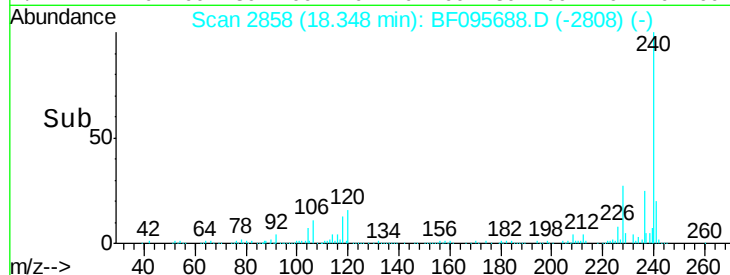
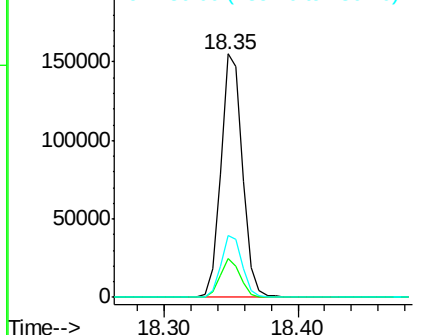
mohammad
6/6/2017 5:12:58 PM



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: 14.767 ng

RT: 16.75 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BF095688.D

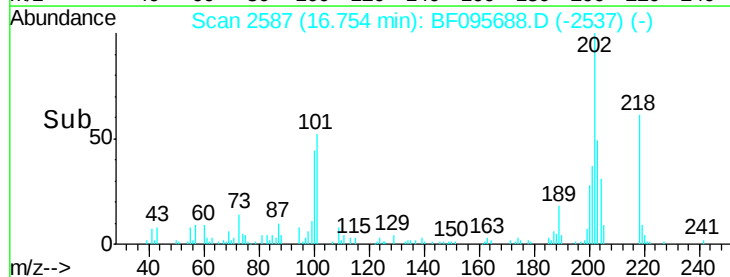
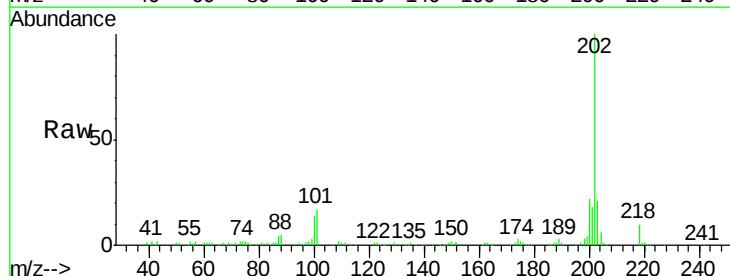
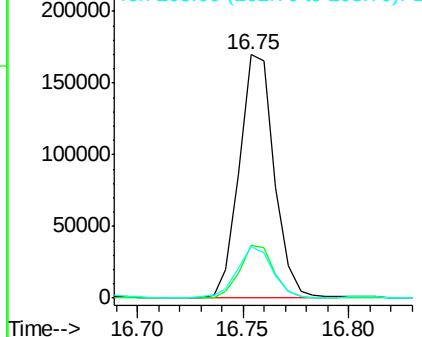
Acq: 5 Jun 2017 23:13

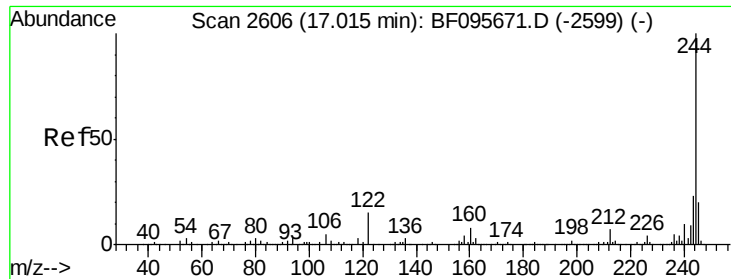
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	21.3	14.4	21.6

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





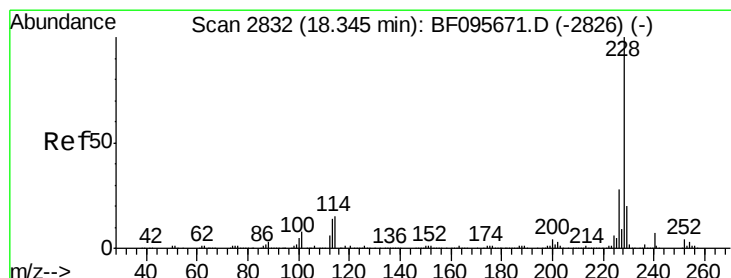
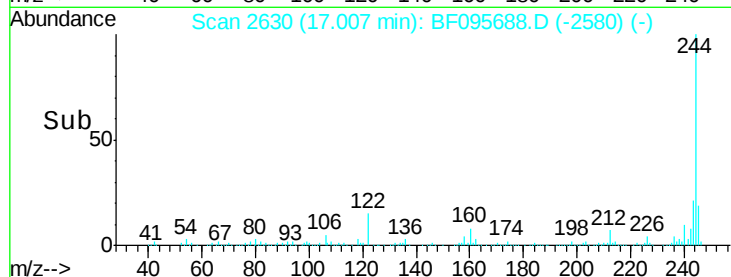
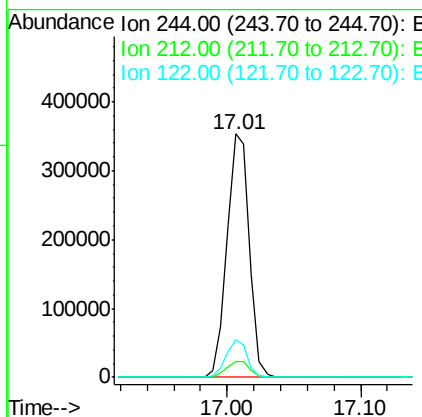
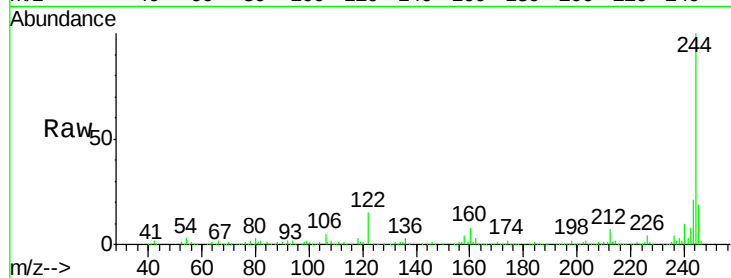
#78
 Terphenyl-d14
 Concen: 58.297 ng
 RT: 17.01 min Scan# 2630
 Delta R.T. -0.01 min
 Lab File: BF095688.D
 Acq: 5 Jun 2017 23:13

Instrument :
 BNA_F
 ClientSampleId :
 R1-SB-6D12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	15.3	10.3	15.5

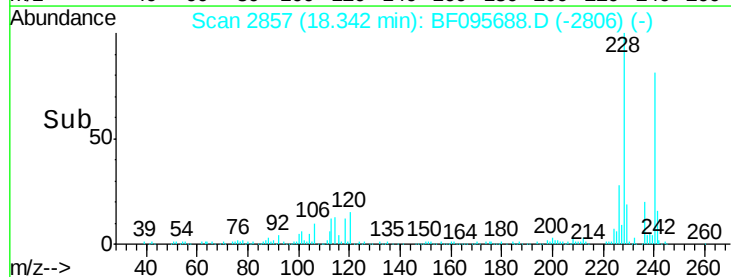
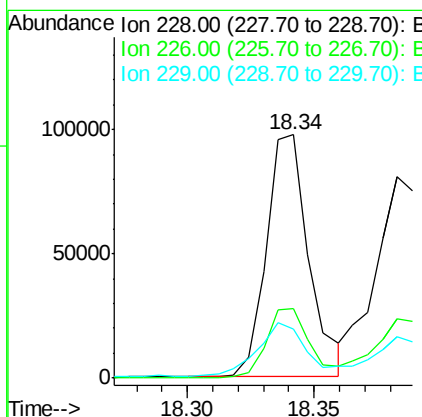
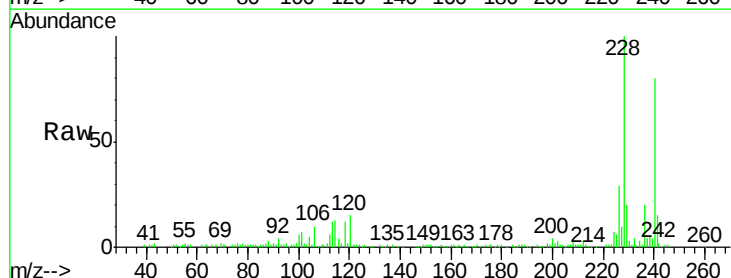
Manual Integrations
 APPROVED

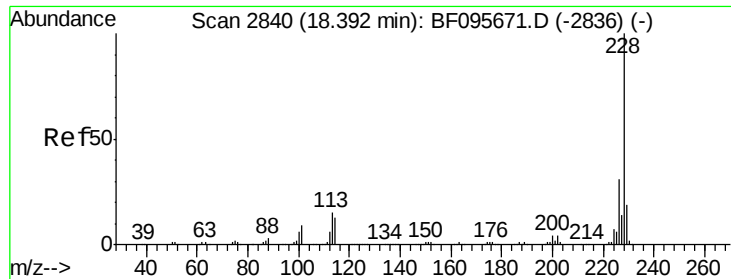
mohammad
 6/6/2017 5:12:58 PM



#80
 Benzo(a)anthracene
 Concen: 11.108 ng
 RT: 18.34 min Scan# 2857
 Delta R.T. -0.00 min
 Lab File: BF095688.D
 Acq: 5 Jun 2017 23:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.0	16.3	24.5





#82

Chrysene

Concen: 10.896 ng

RT: 18.38 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BF095688.D

Acq: 5 Jun 2017 23:13

Instrument :

BNA_F

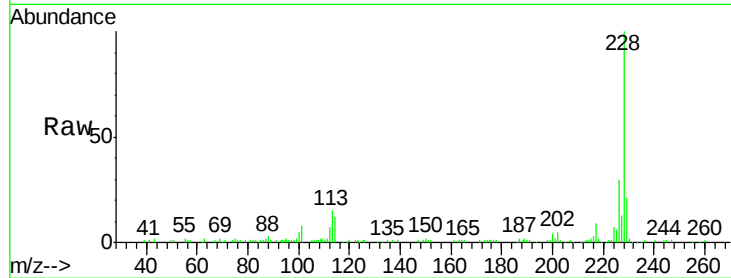
ClientSampleId :

R1-SB-6D12

Tgt Ion:	228	Resp:	112231
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.9	37.3
229	20.8	15.8	23.6

Manual Integrations
APPROVED

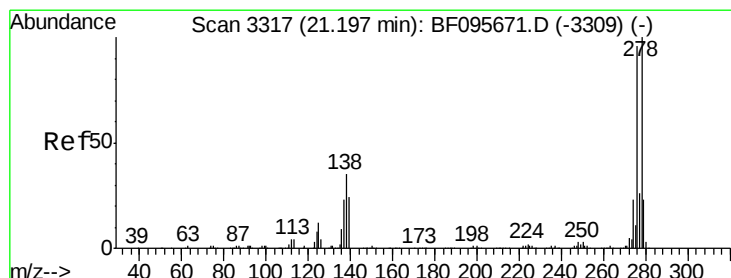
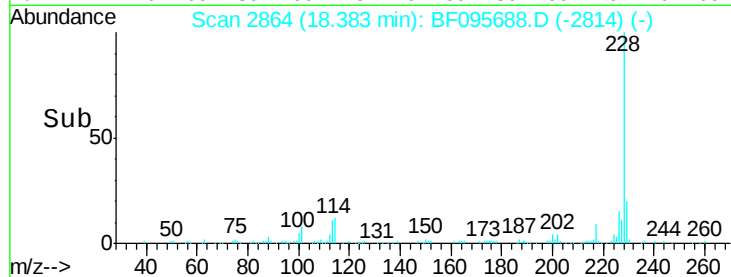
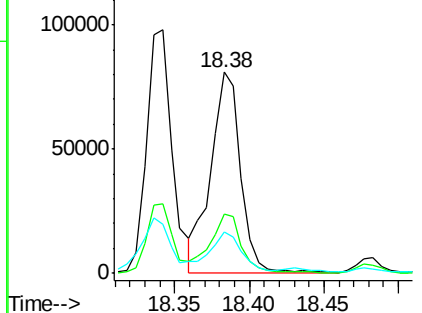
mohammad
6/6/2017 5:12:58 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 7.249 ng

RT: 21.20 min Scan# 3343

Delta R.T. 0.00 min

Lab File: BF095688.D

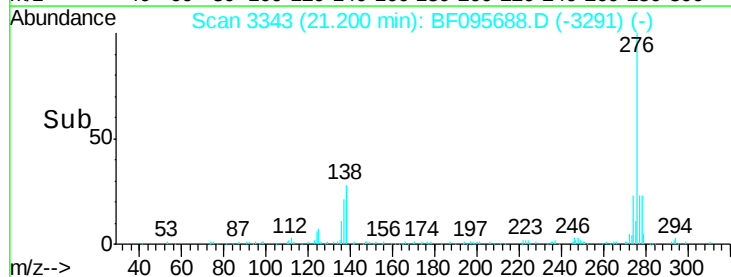
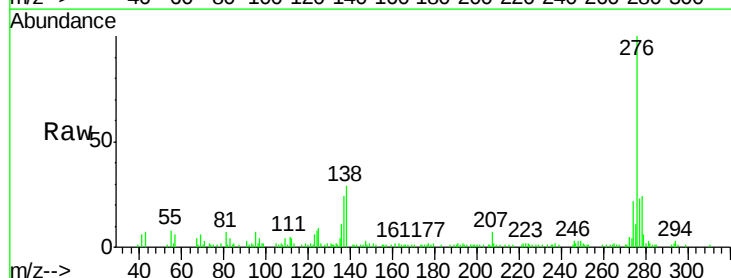
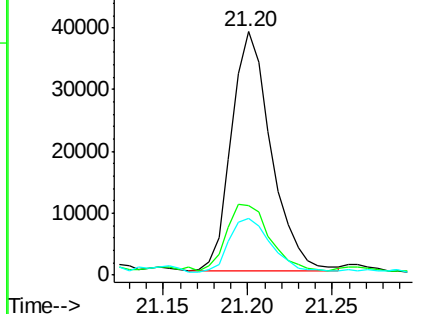
Acq: 5 Jun 2017 23:13

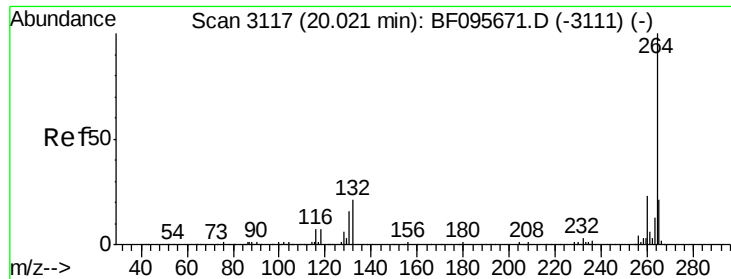
Tgt Ion:	276	Resp:	63891
Ion Ratio	Lower	Upper	
276	100		
138	33.4	27.8	41.6
277	23.7	20.2	30.4

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





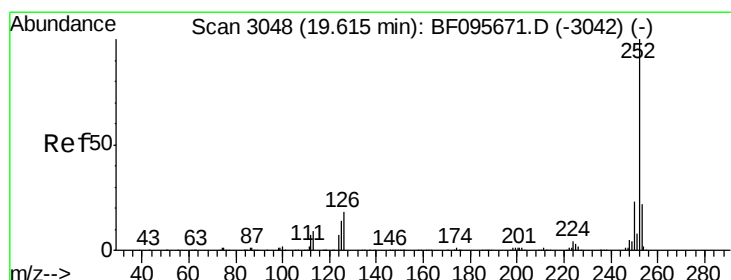
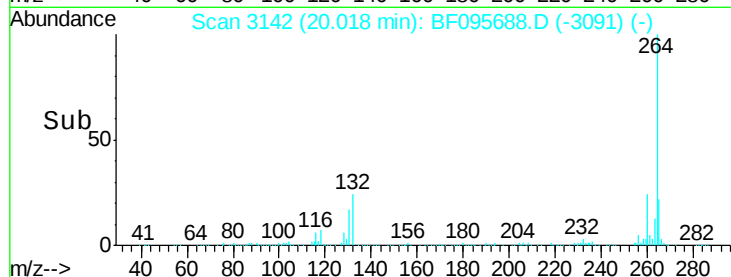
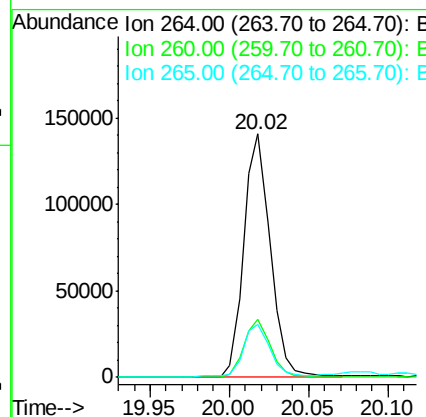
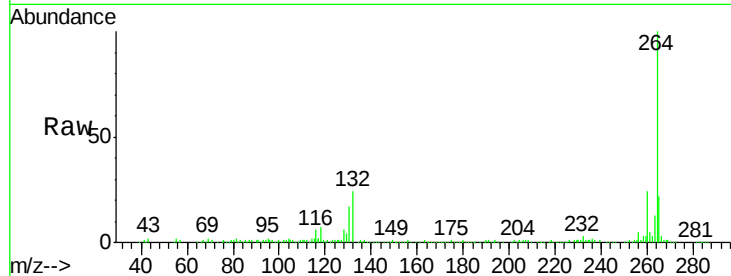
#86
Perylene-d12
Concen: 20.000 ng
RT: 20.02 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095688.D
Acq: 5 Jun 2017 23:13

Instrument :
BNA_F
ClientSampleId :
R1-SB-6D12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.8	17.2	25.8

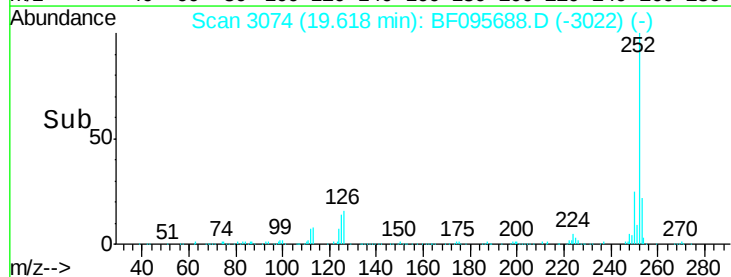
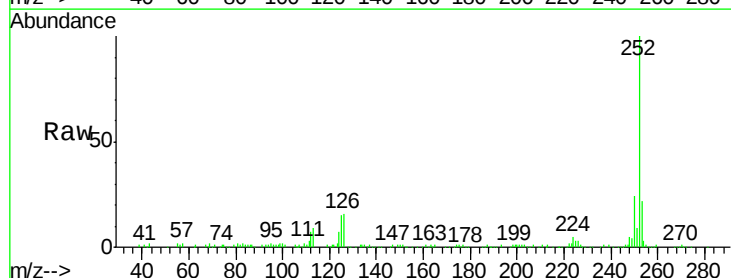
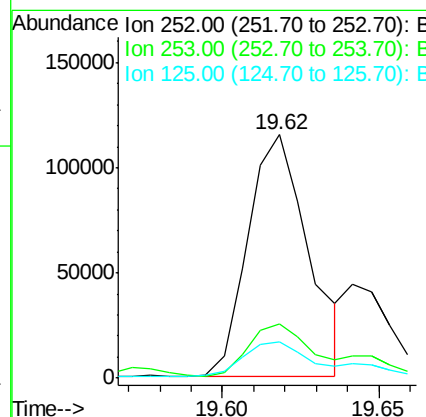
Manual Integrations
APPROVED

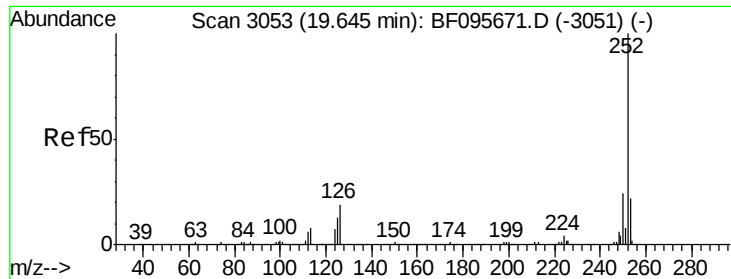
mohammad
6/6/2017 5:12:58 PM



#87
Benzo(b)fluoranthene
Concen: 15.107 ng m
RT: 19.62 min Scan# 3074
Delta R.T. 0.00 min
Lab File: BF095688.D
Acq: 5 Jun 2017 23:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	14.6	9.8	14.8





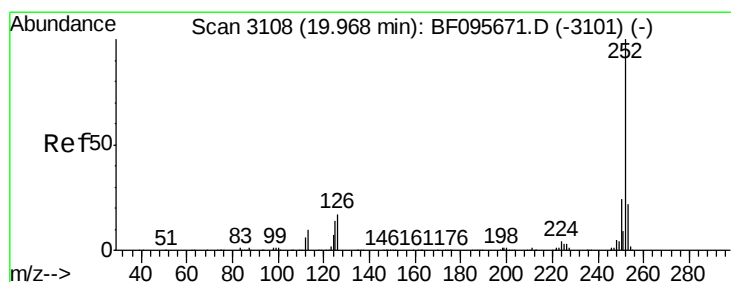
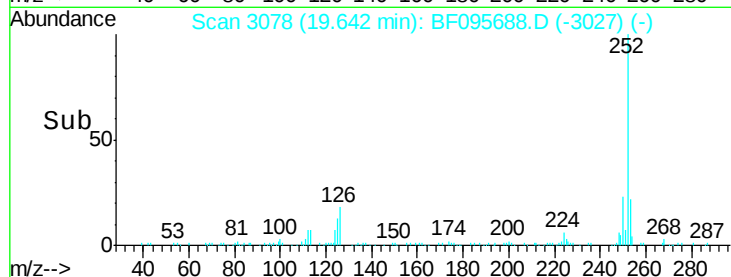
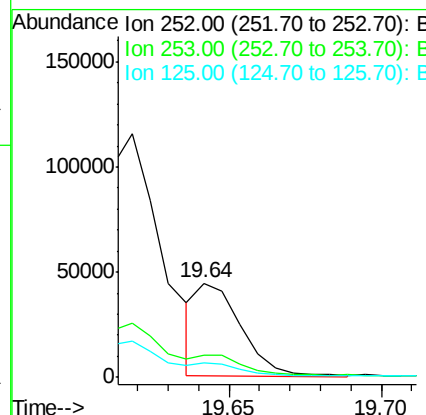
#88
Benzo(k)fluoranthene
Concen: 4.590 ng m
RT: 19.64 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BF095688.D
Acq: 5 Jun 2017 23:13

Instrument :
BNA_F
ClientSampleId :
R1-SB-6D12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	14.8	13.1	19.7

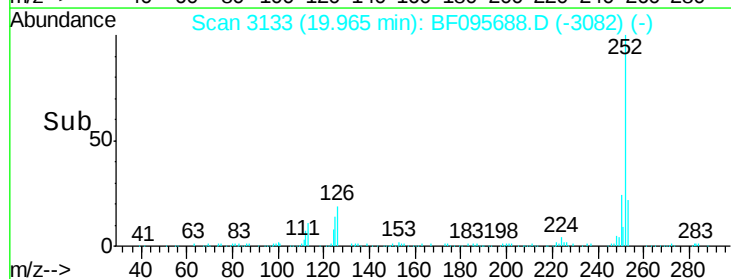
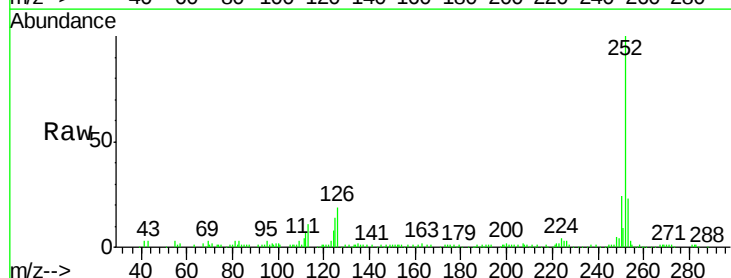
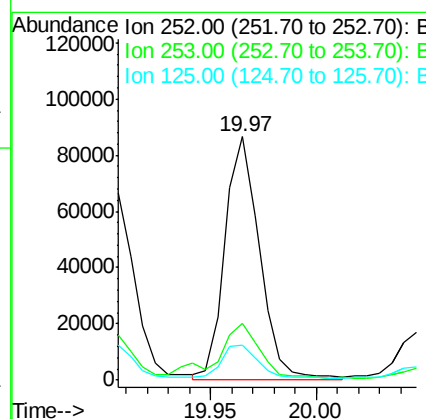
Manual Integrations
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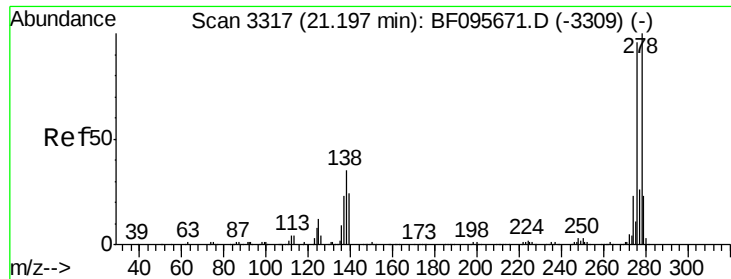
mohammad
6/6/2017 5:12:58 PM



#89
Benzo(a)pyrene
Concen: 10.405 ng
RT: 19.97 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BF095688.D
Acq: 5 Jun 2017 23:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	14.5	11.0	16.4





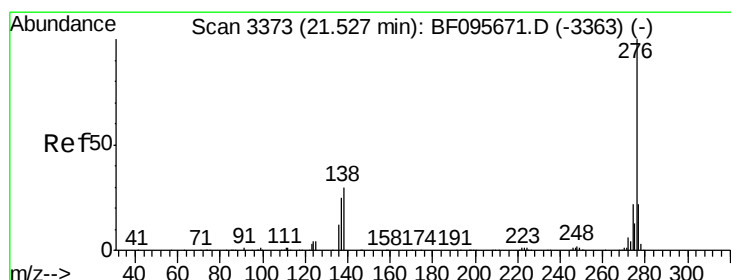
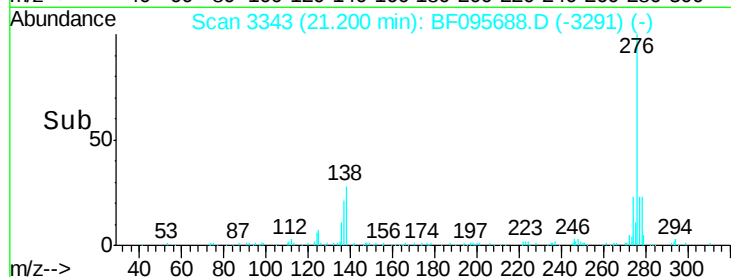
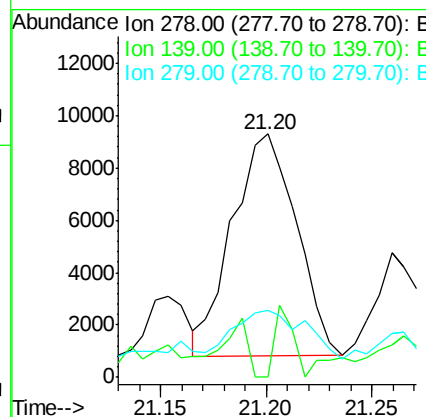
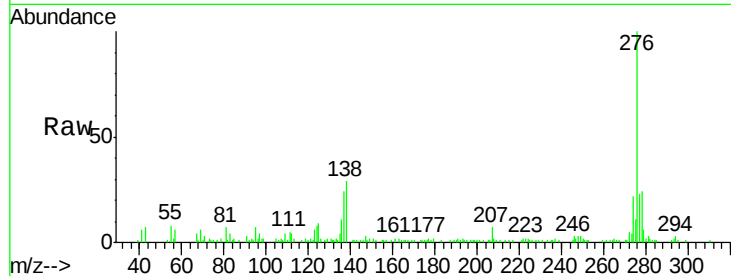
#90
Dibenzo(a,h)anthracene
Concen: 2.246 ng
RT: 21.20 min Scan# 3343
Delta R.T. 0.00 min
Lab File: BF095688.D
Acq: 5 Jun 2017 23:13

Instrument :
BNA_F
ClientSampleId :
R1-SB-6D12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	27.5	19.3	28.9

Manual Integrations
APPROVED

mohammad
6/6/2017 5:12:58 PM



#91
Benzo(g,h,i)perylene
Concen: 7.423 ng
RT: 21.54 min Scan# 3400
Delta R.T. 0.01 min
Lab File: BF095688.D
Acq: 5 Jun 2017 23:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	28.0
138	31.0	25.4	38.0

