

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095282.D
 Acq On : 20 May 2017 1:23
 Operator : SJ/MA
 Sample : I3202-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2COMP

Manual Integrations
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Quant Time: May 20 02:49:55 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	101050	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	362045	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	168859	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	257103	20.00	ng	0.00
75) Chrysene-d12	18.69	240	187341	20.00	ng	0.00
86) Perylene-d12	20.36	264	163886	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	669169	110.41	ng	-0.01
7) Phenol-d6	7.30	99	860834	118.37	ng	-0.01
23) Nitrobenzene-d5	8.66	82	487755	84.95	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	146212	105.73	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	919543	78.38	ng	-0.01
78) Terphenyl-d14	17.33	244	502004	59.02	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.25	163	143620	10.36	ng	Qvalue 99
70) Phenanthrene	15.05	178	77332	5.23	ng	99
74) Fluoranthene	16.80	202	98282	6.49	ng	98
77) Pyrene	17.10	202	112783	8.05	ng	96
80) Benzo(a)anthracene	18.68	228	38865	3.56	ng	# 94
82) Chrysene	18.72	228	45535	4.32	ng	# 93
85) Indeno(1,2,3-cd)pyrene	21.72	276	18273	2.13	ng	# 92
87) Benzo(b)fluoranthene	19.96	252	46109m	4.55	ng	
88) Benzo(k)fluoranthene	19.99	252	20464m	2.09	ng	
89) Benzo(a)pyrene	20.31	252	38584	4.13	ng	# 84
91) Benzo(g,h,i)perylene	22.11	276	21303	2.81	ng	97

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

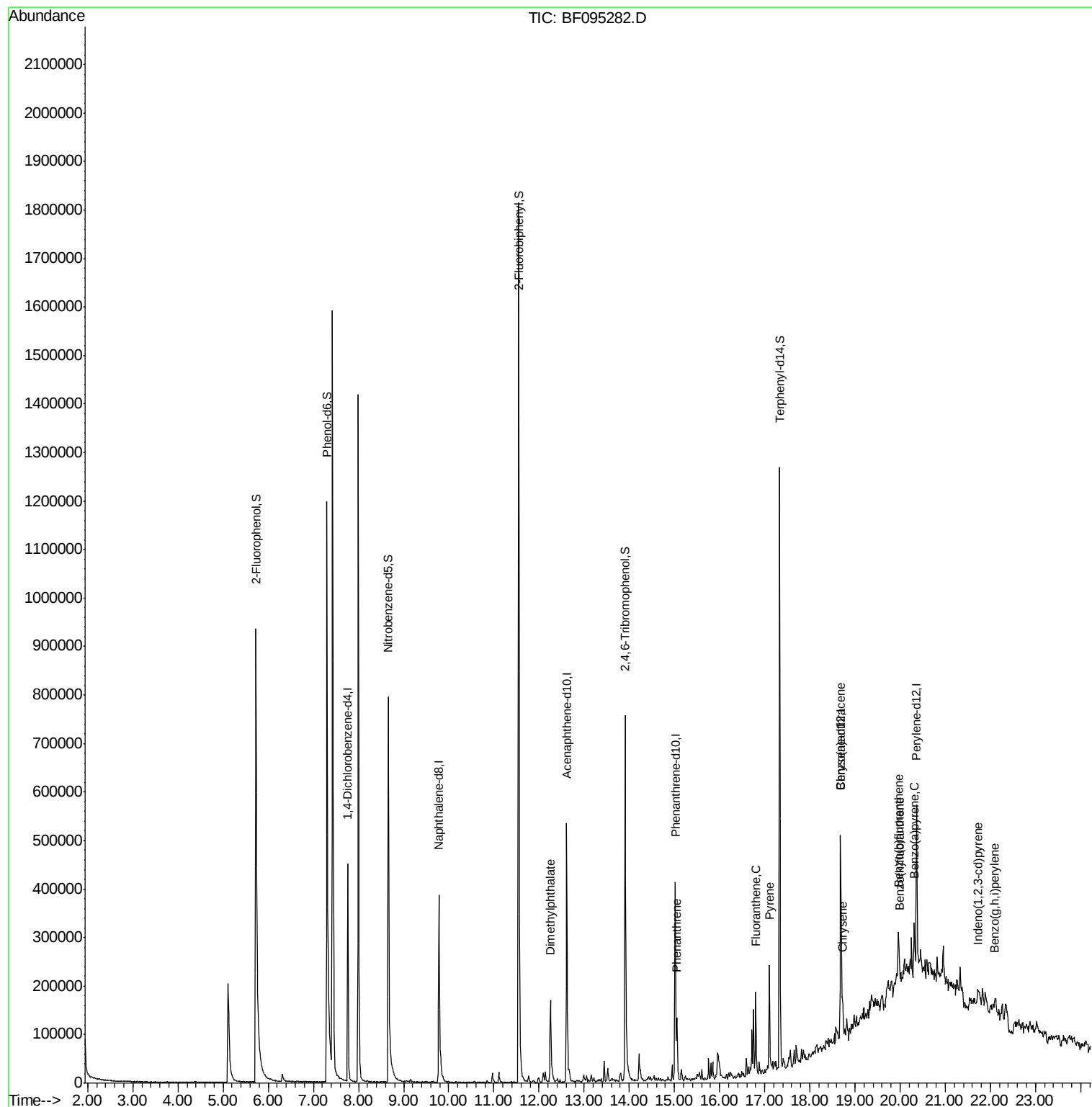
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095282.D
Acq On : 20 May 2017 1:23
Operator : SJ/MA
Sample : I3202-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

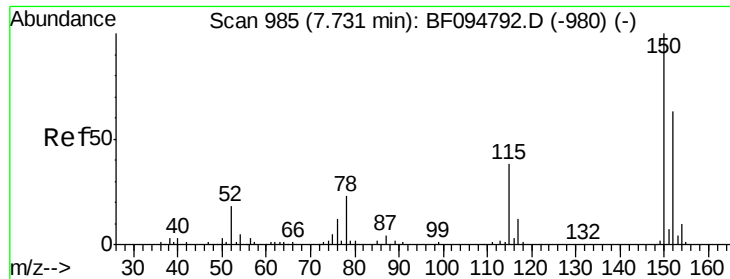
Instrument :
BNA_F
ClientSampleId :
SB-2COMP

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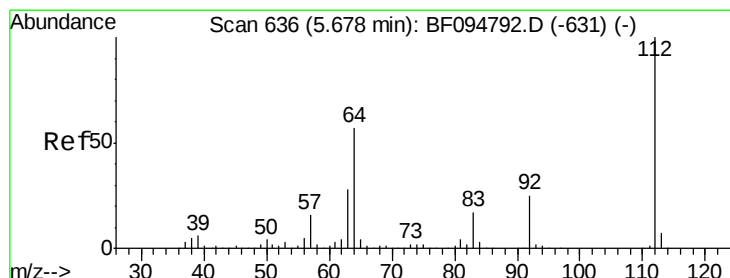
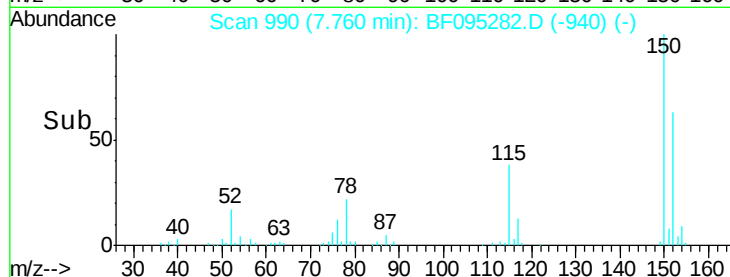
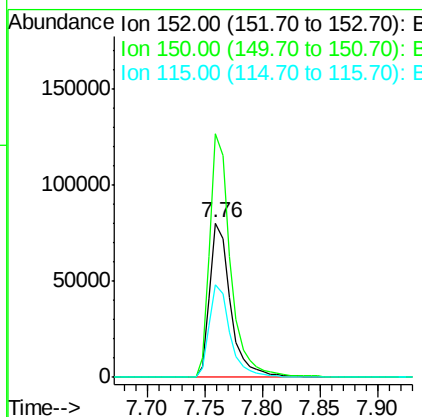
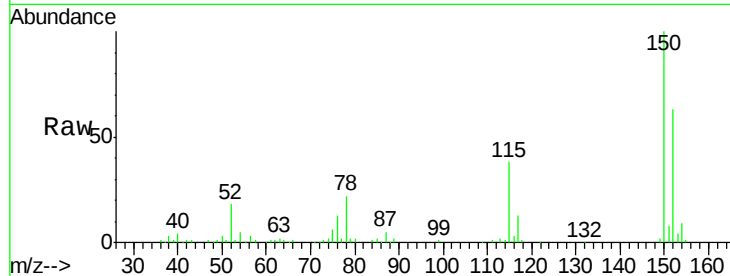
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.76 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF095282.D
 Acq: 20 May 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-2COMP

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	101050		
150	157.7	126.2	189.2	
115	59.6	52.2	78.2	

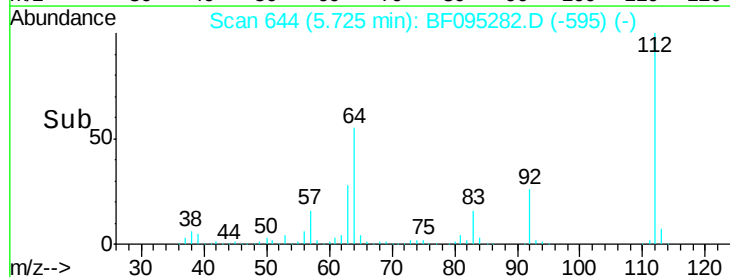
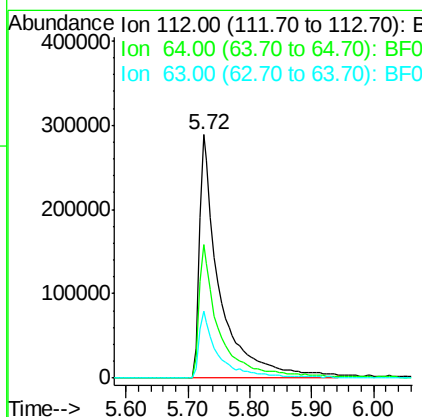
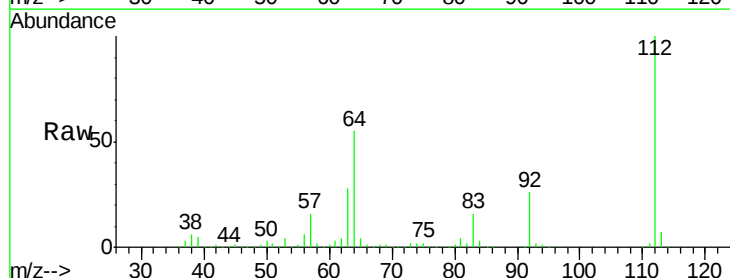
Manual Integrations
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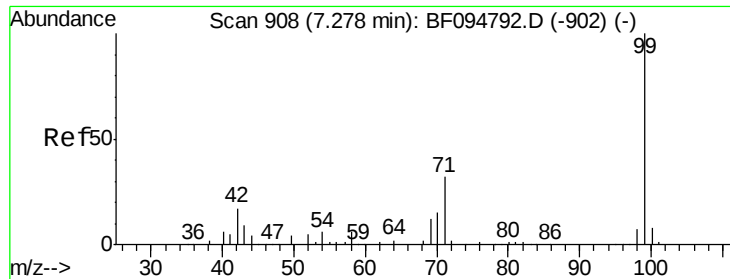
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#5
 2-Fluorophenol
 Concen: 110.41 ng
 RT: 5.72 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF095282.D
 Acq: 20 May 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	669169		
64	54.7	46.0	69.0	
63	27.6	23.4	35.0	





#7

Phenol-d6

Concen: 118.37 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095282.D

Acq: 20 May 2017 1:23

Instrument :

BNA_F

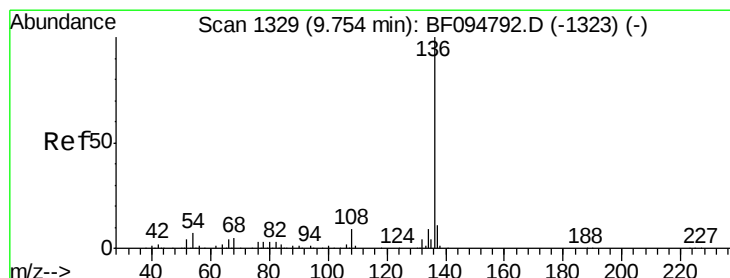
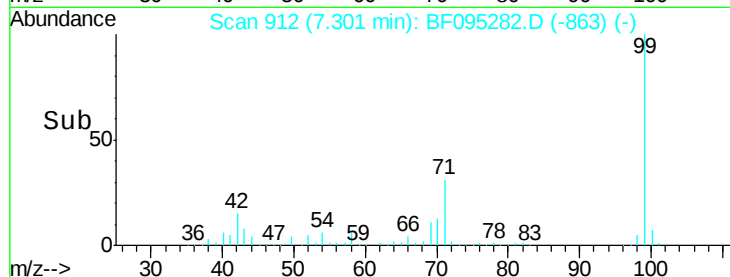
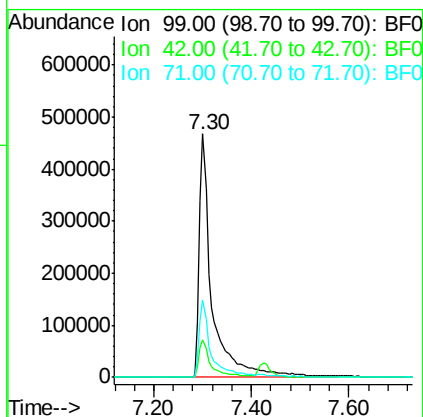
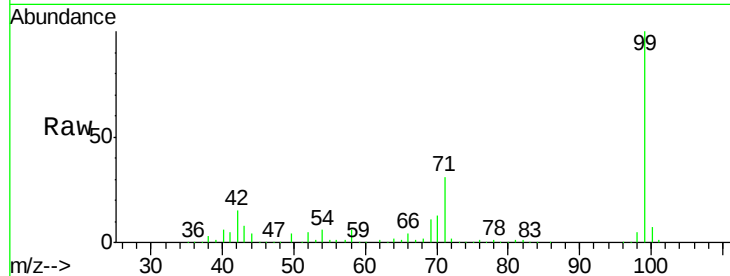
ClientSampleId :

SB-2COMP

Tgt Ion:	99	Resp:	860834
Ion Ratio	Lower	Upper	
99	100		
42	15.2	13.5	20.3
71	31.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

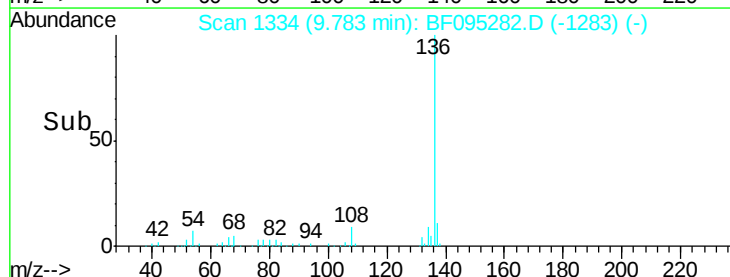
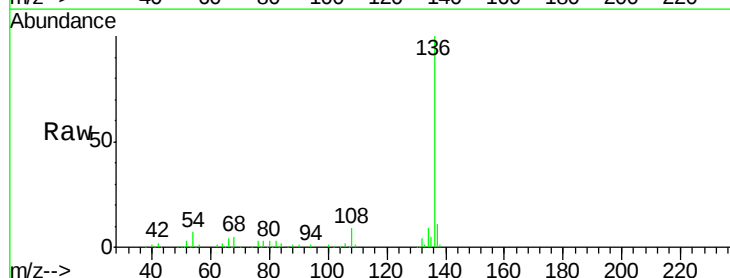
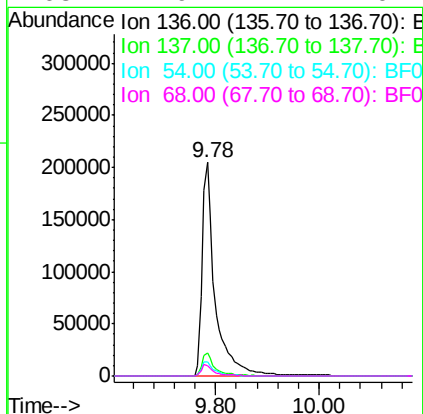
RT: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095282.D

Acq: 20 May 2017 1:23

Tgt Ion:	136	Resp:	362045
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.5	4.9	7.3
68	4.9	4.1	6.1





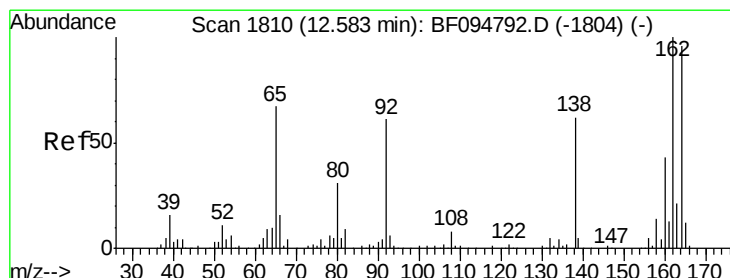
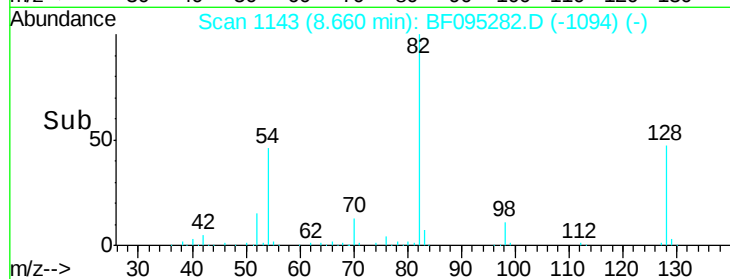
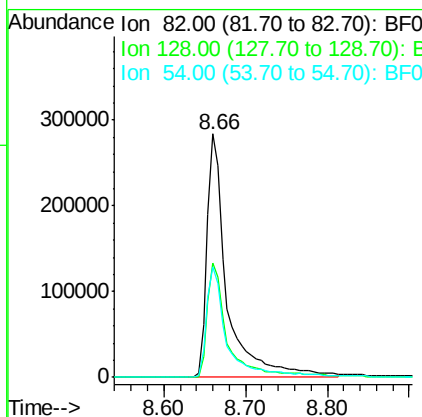
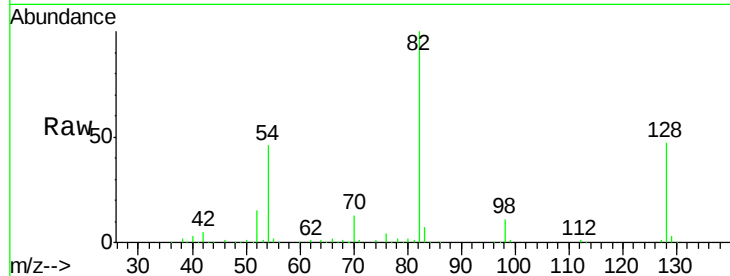
#23
 Nitrobenzene-d5
 Concen: 84.95 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095282.D
 Acq: 20 May 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-2COMP

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	487755		
128	47.1	34.0	51.0	
54	45.6	42.2	63.2	

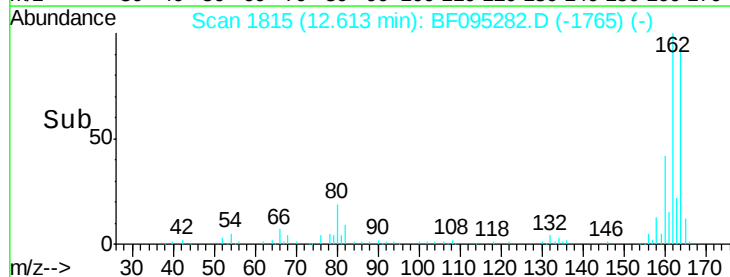
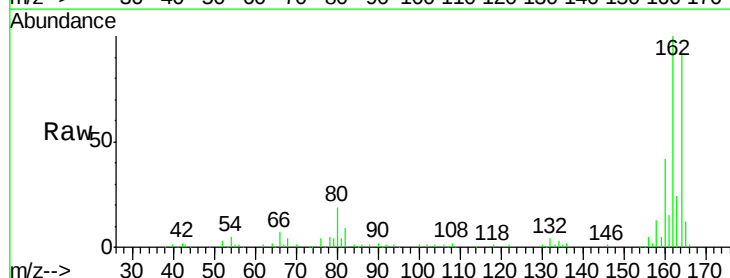
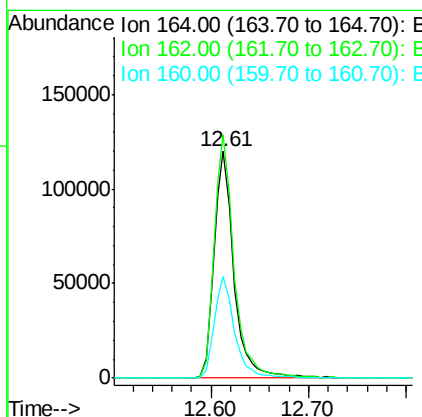
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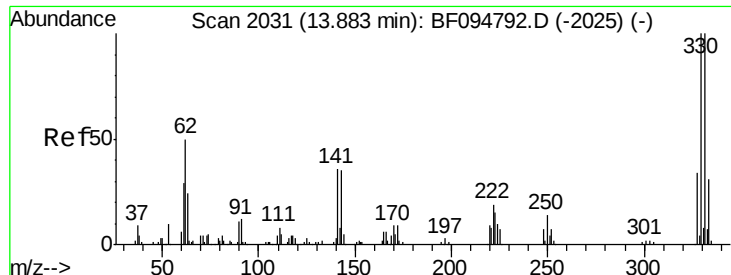
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095282.D
 Acq: 20 May 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	168859		
162	107.5	82.6	123.8	
160	45.0	36.2	54.2	





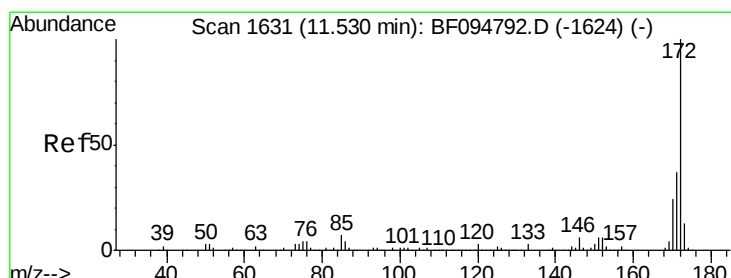
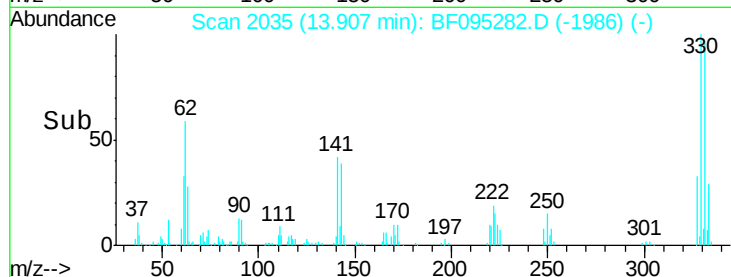
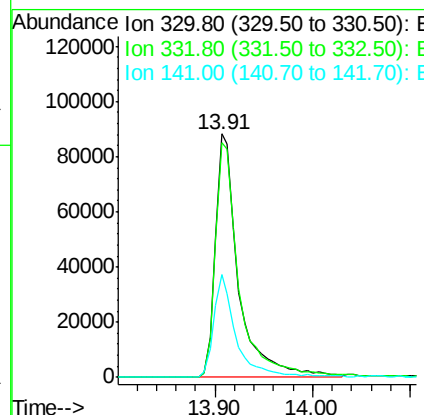
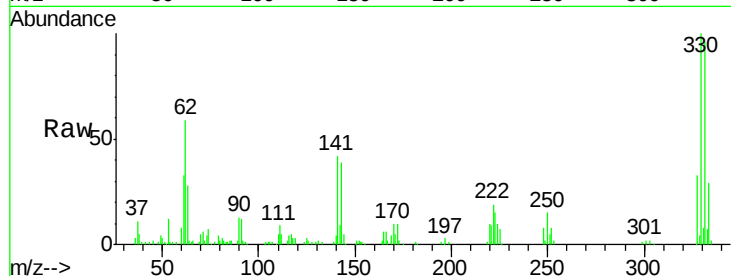
#41
 2,4,6-Tribromophenol
 Concen: 105.73 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095282.D
 Acq: 20 May 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-2COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	146212		
332	99.1	76.6	115.0	
141	40.6	31.4	47.2	

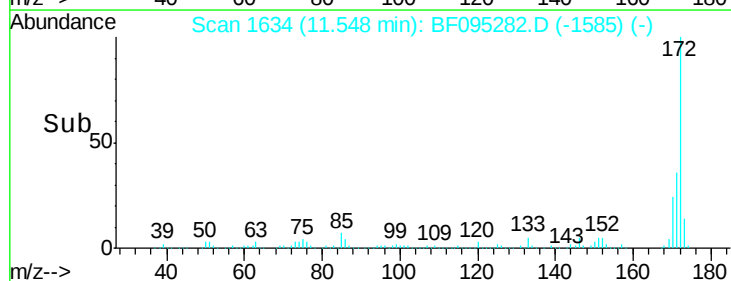
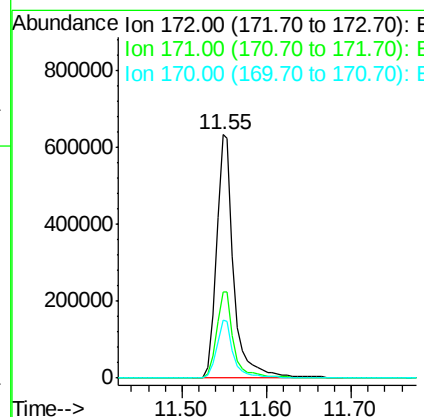
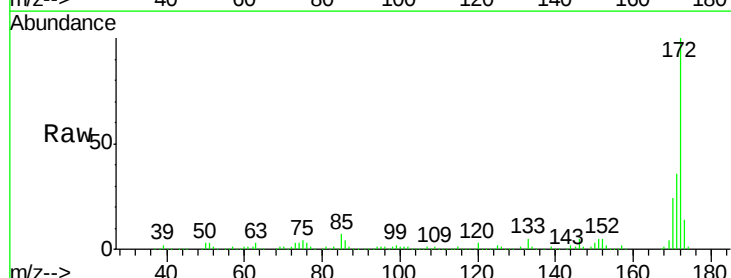
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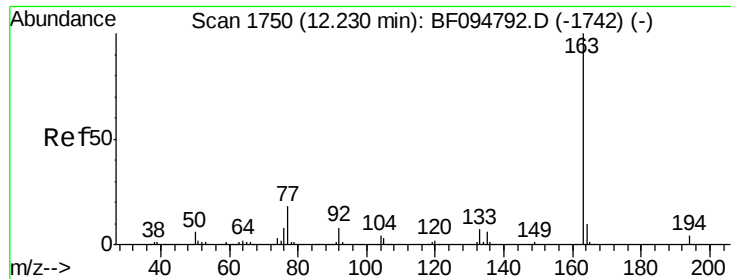
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#44
 2-Fluorobiphenyl
 Concen: 78.38 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095282.D
 Acq: 20 May 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	919543		
171	35.6	29.6	44.4	
170	23.7	19.8	29.8	





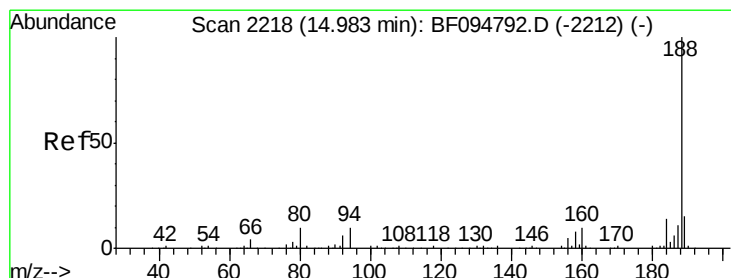
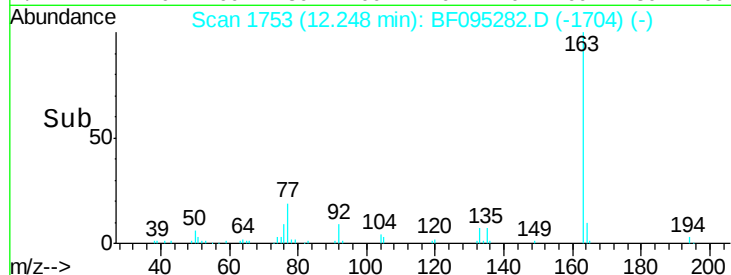
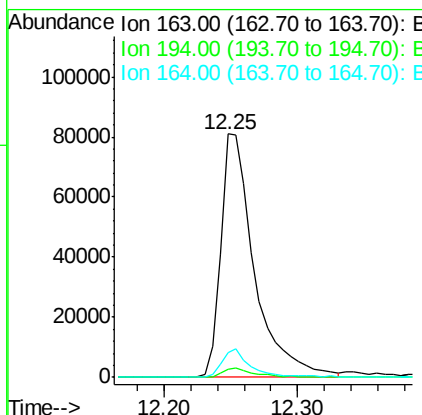
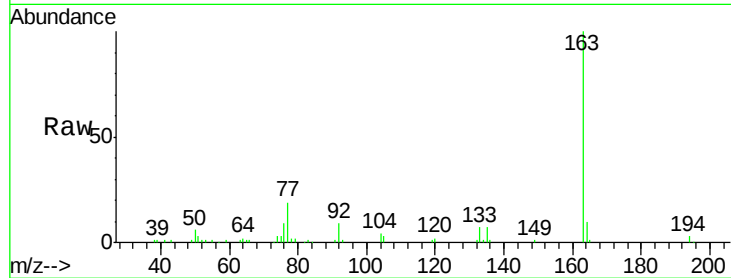
#49
Dimethylphthalate
Concen: 10.36 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095282.D
Acq: 20 May 2017 1:23

Instrument :
BNA_F
ClientSampled :
SB-2COMP

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	143620		
194	3.5	2.6	4.0	
164	10.1	8.4	12.6	

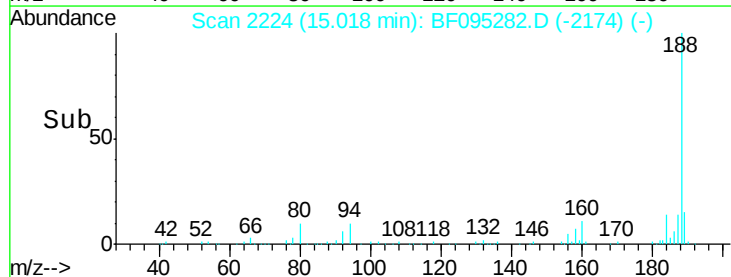
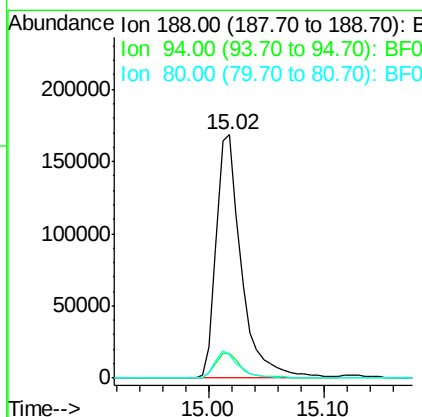
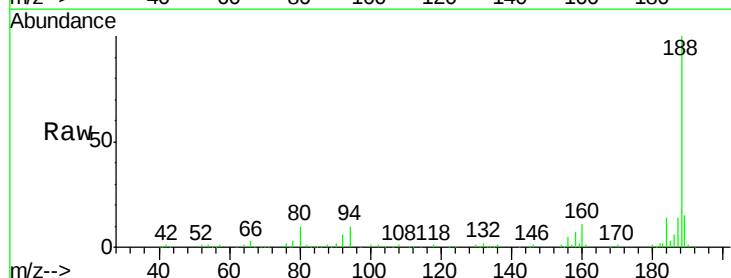
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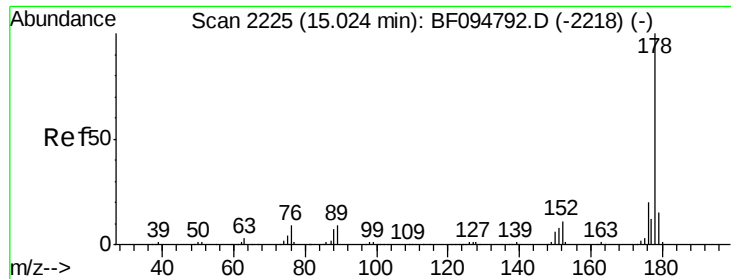
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095282.D
Acq: 20 May 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	257103		
94	9.9	9.4	14.2	
80	9.9	10.2	15.2#	





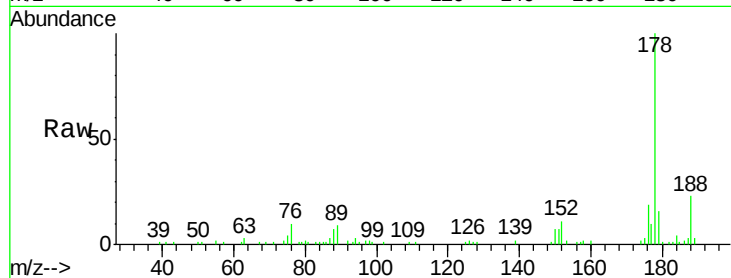
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Phenanthrene
Concen: 5.23 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095282.D
Acq: 20 May 2017 1:23

Instrument :
BNA_F
ClientSampleId :
SB-2COMP

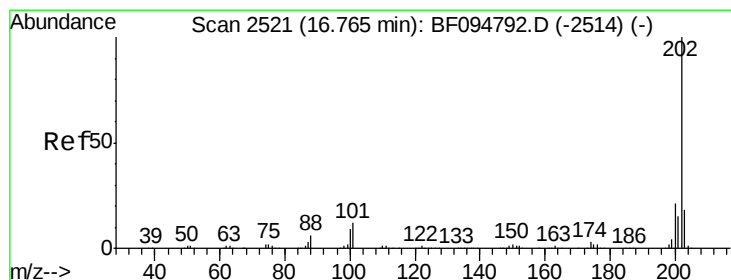
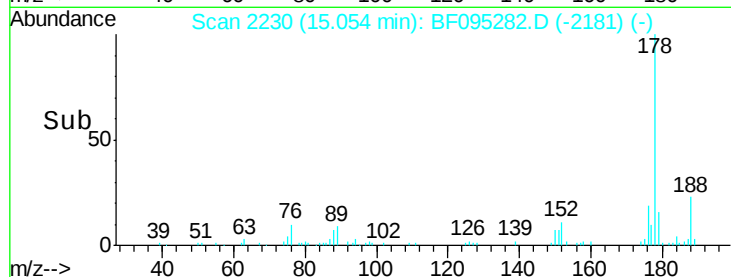
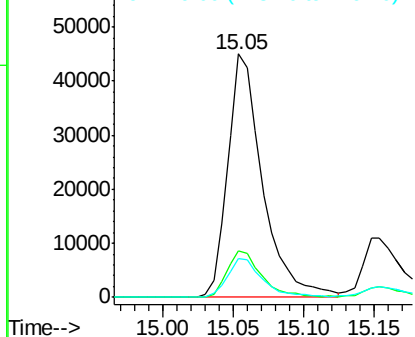
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	16.1	12.6	19.0

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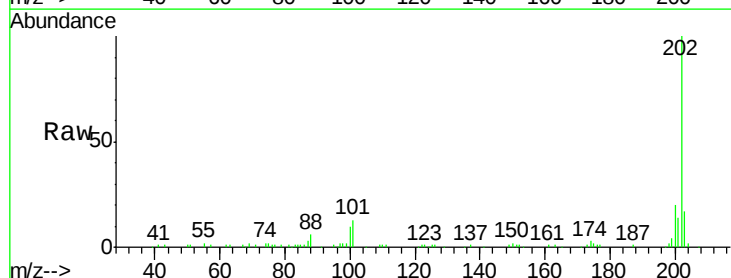


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

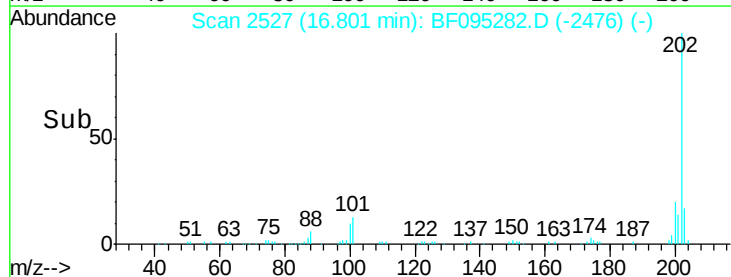
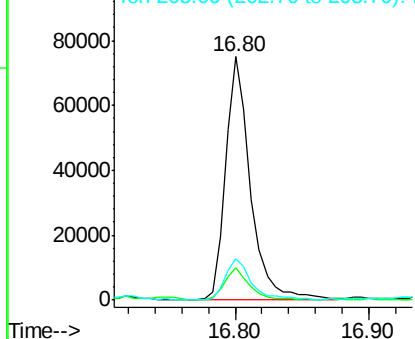


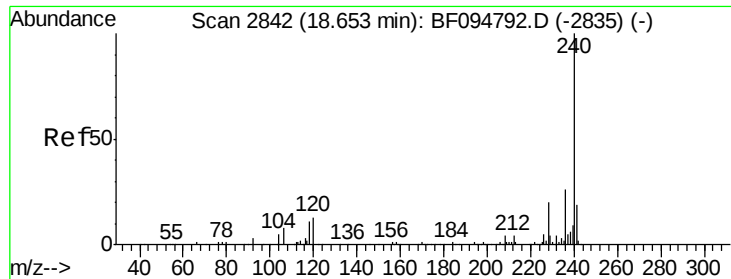
#74
Fluoranthene
Concen: 6.49 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF095282.D
Acq: 20 May 2017 1:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.0	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095282.D

Acq: 20 May 2017 1:23

Instrument :

BNA_F

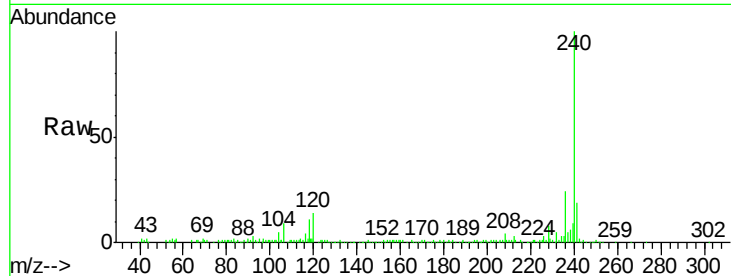
ClientSampleId :

SB-2COMP

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	24.4	20.5	30.7

Manual Integrations
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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

18.69

150000

100000

50000

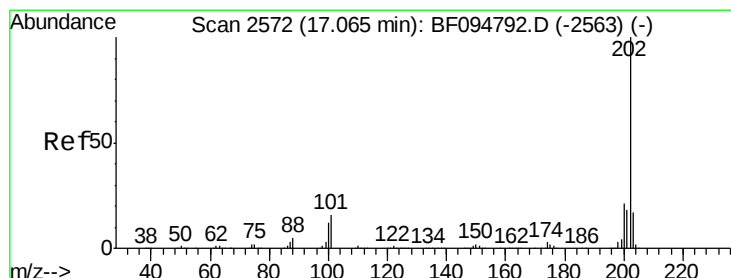
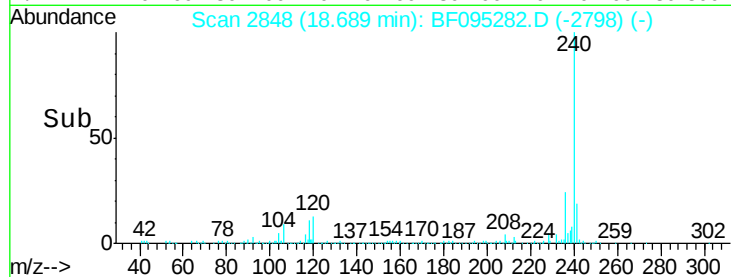
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18.60

18.70

18.80

Time-->



#77

Pyrene

Concen: 8.05 ng

RT: 17.10 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095282.D

Acq: 20 May 2017 1:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	19.4	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

17.10

120000

100000

80000

60000

40000

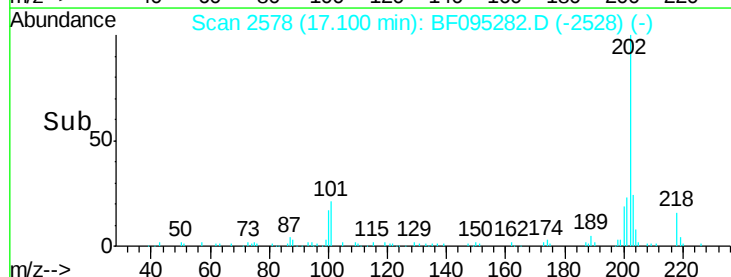
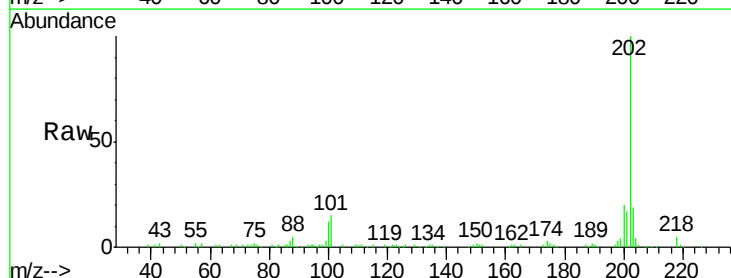
20000

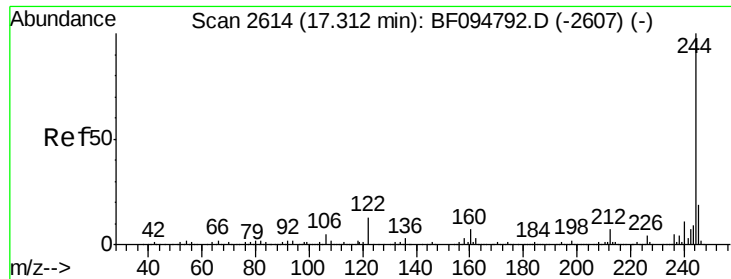
0

17.10

17.20

Time-->





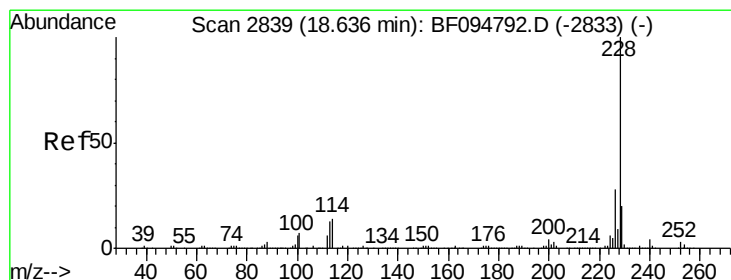
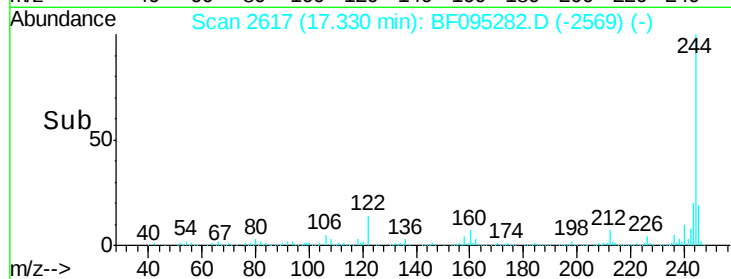
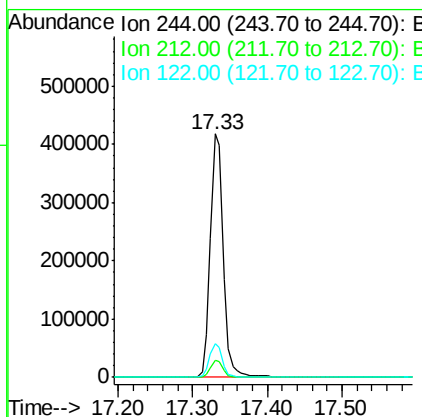
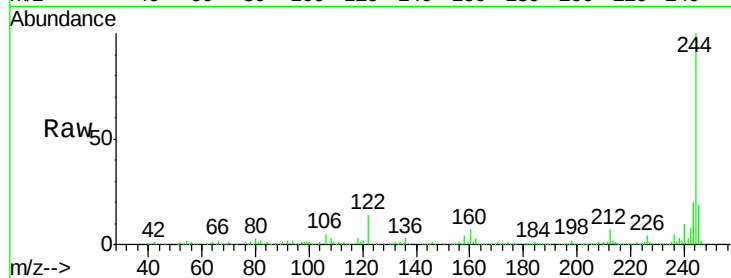
#78
 Terphenyl-d14
 Concen: 59.02 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095282.D
 Acq: 20 May 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-2COMP

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	502004		
212	6.8	6.0	9.0	
122	14.1	10.3	15.5	

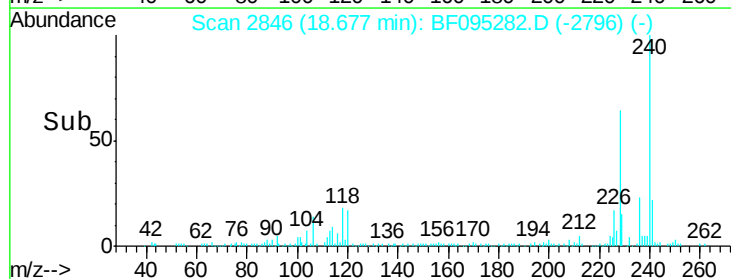
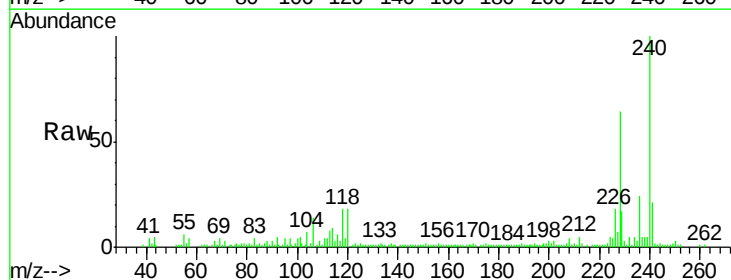
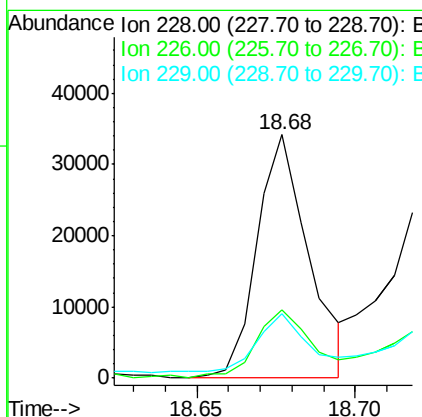
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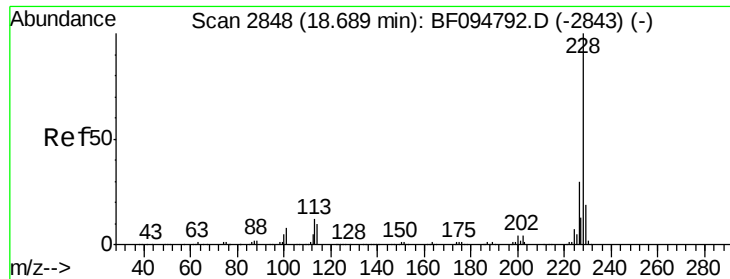
mohammad
 5/22/2017 1:30:08 PM



#80
 Benzo(a)anthracene
 Concen: 3.56 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF095282.D
 Acq: 20 May 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	38865		
226	27.8	22.6	33.8	
229	26.2	16.3	24.5	





#82

Chrysene

Concen: 4.32 ng

RT: 18.72 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BF095282.D

Acq: 20 May 2017 1:23

Instrument :

BNA_F

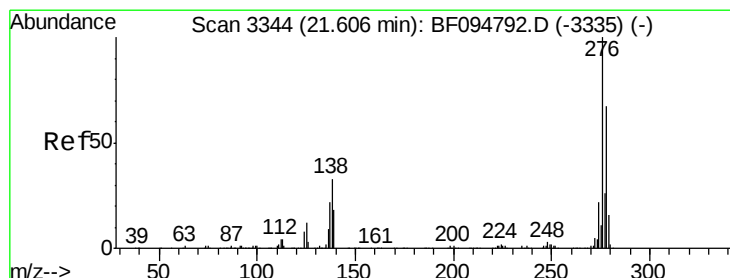
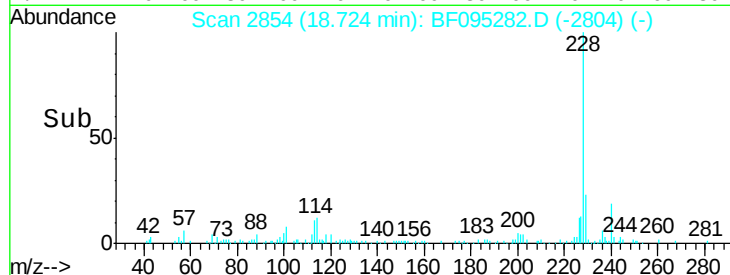
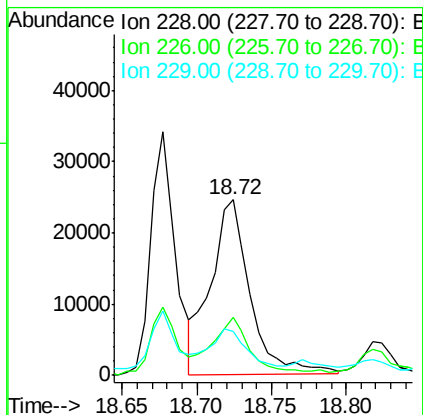
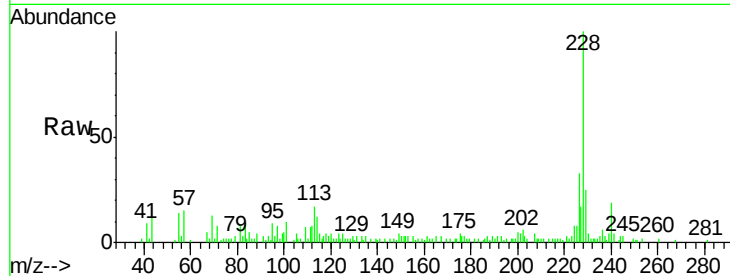
ClientSampleId :

SB-2COMP

Tgt Ion:	228	Resp:	45535
Ion Ratio	Lower	Upper	
228	100		
226	33.4	24.9	37.3
229	25.1	15.8	23.6#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.13 ng

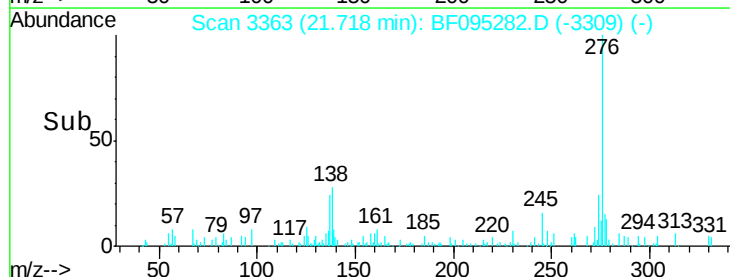
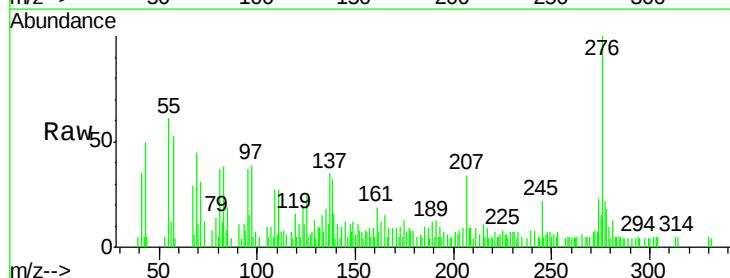
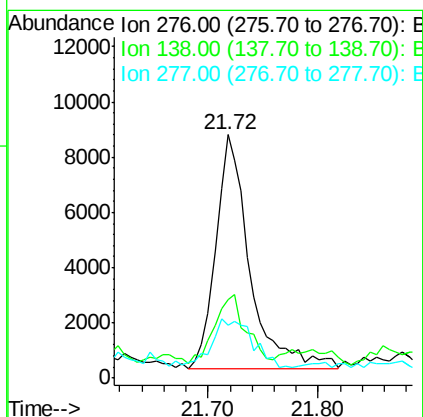
RT: 21.72 min Scan# 3363

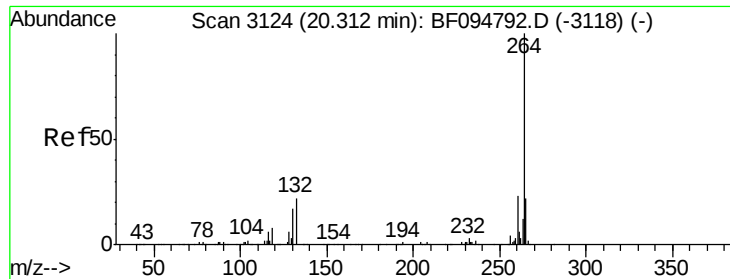
Delta R.T. 0.02 min

Lab File: BF095282.D

Acq: 20 May 2017 1:23

Tgt Ion:	276	Resp:	18273
Ion Ratio	Lower	Upper	
276	100		
138	27.0	27.8	41.6#
277	25.5	20.2	30.4





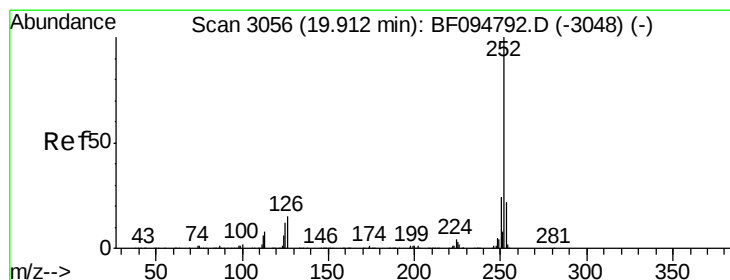
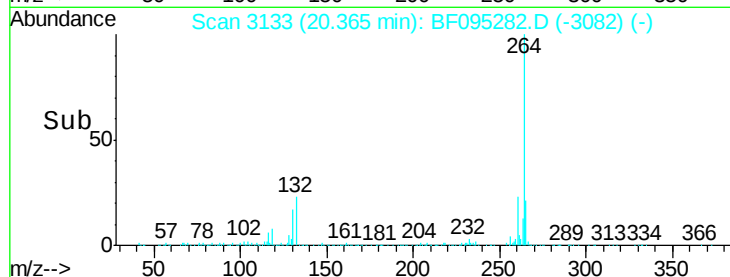
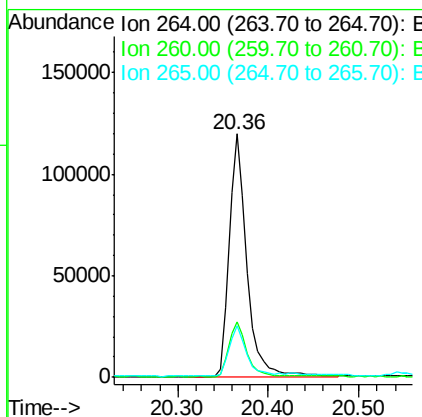
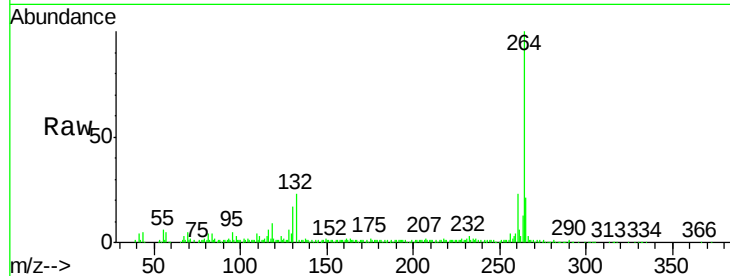
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095282.D
Acq: 20 May 2017 1:23

Instrument :
BNA_F
ClientSampleId :
SB-2COMP

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	163886		
260	22.9	19.5	29.3	
265	21.4	17.2	25.8	

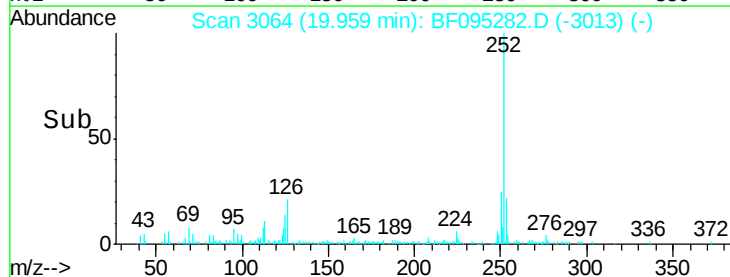
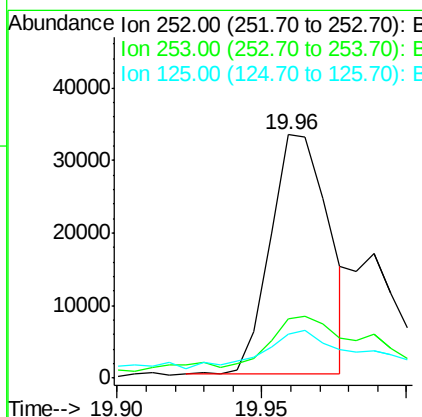
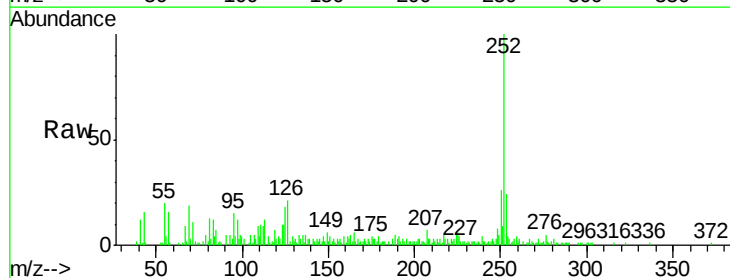
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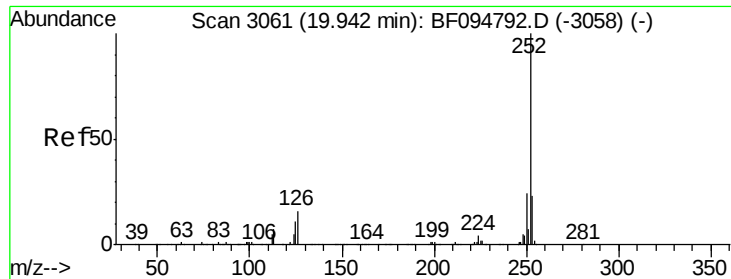
mohammad
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#87
Benzo(b)fluoranthene
Concen: 4.55 ng m
RT: 19.96 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BF095282.D
Acq: 20 May 2017 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	46109		
253	24.2	18.1	27.1	
125	17.9	9.8	14.8#	





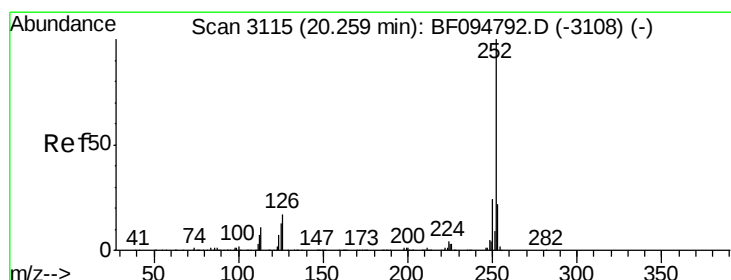
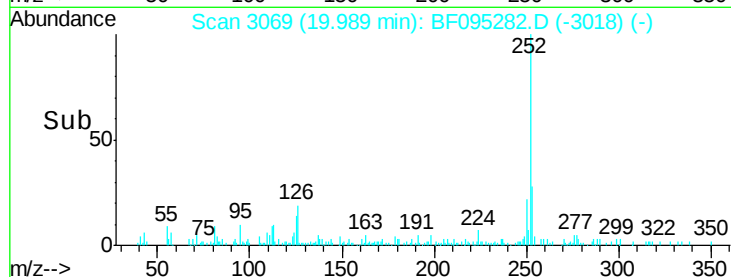
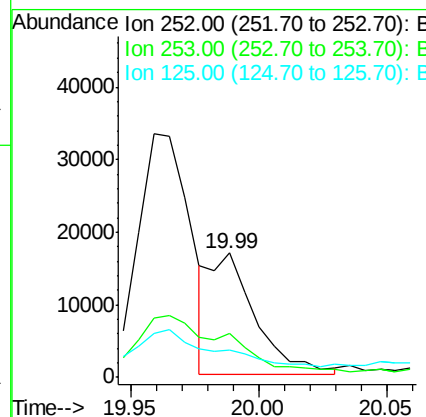
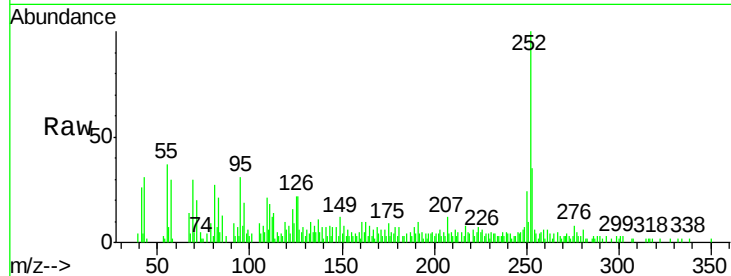
#88
Benzo(k)fluoranthene
Concen: 2.09 ng m
RT: 19.99 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF095282.D
Acq: 20 May 2017 1:23

Instrument :
BNA_F
ClientSampled :
SB-2COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.1	18.4	27.6#
125	22.3	13.1	19.7#

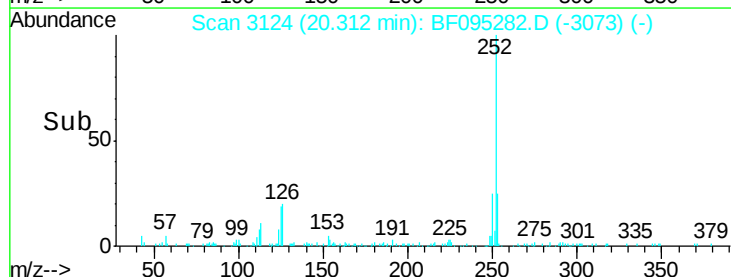
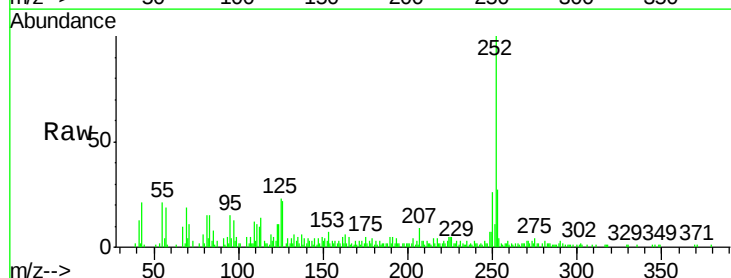
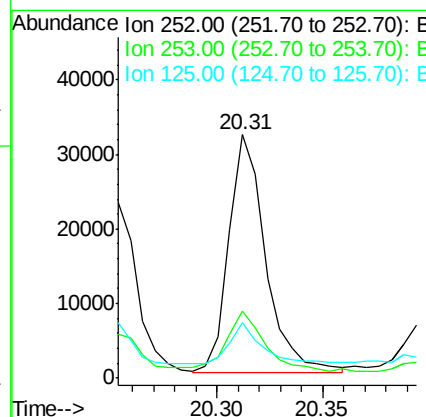
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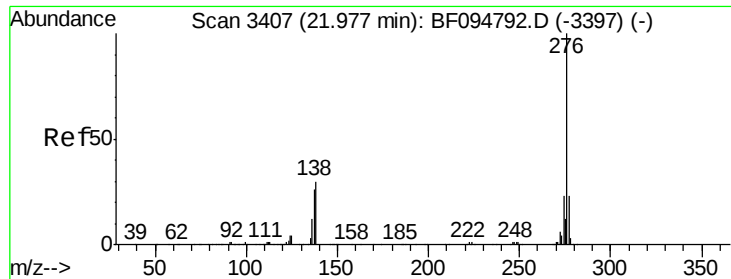
mohammad
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#89
Benzo(a)pyrene
Concen: 4.13 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095282.D
Acq: 20 May 2017 1:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.5	26.3#
125	23.0	11.0	16.4#





#91
 Benzo(g,h,i)perylene
 Concen: 2.81 ng
 RT: 22.11 min Scan# 3429
 Delta R.T. 0.02 min
 Lab File: BF095282.D
 Acq: 20 May 2017 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-2COMP

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	29.1	25.4	38.0

Manual Integrations
 APPROVED

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