

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095409.D
 Acq On : 25 May 2017 5:37
 Operator : SJ/MA
 Sample : I3269-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Manual Integrations
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mohammad
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Quant Time: May 25 08:24:19 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	7.75	152	85080	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	303853	20.00	ng	-0.01
38) Acenaphthene-d10	12.61	164	120001	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	207659	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	196490	20.00	ng	-0.01
86) Perylene-d12	20.36	264	124479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	536562	105.14	ng	-0.02
7) Phenol-d6	7.30	99	622872	101.73	ng	-0.01
23) Nitrobenzene-d5	8.65	82	338805	70.31	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	99532	101.28	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	672349	80.64	ng	-0.01
78) Terphenyl-d14	17.32	244	525488	58.90	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.25	163	75139	7.63	ng	Qvalue # 98
70) Phenanthrene	15.05	178	75001	6.29	ng	99
74) Fluoranthene	16.79	202	167827	13.71	ng	98
77) Pyrene	17.09	202	176019	11.98	ng	97
80) Benzo(a)anthracene	18.67	228	81519	7.13	ng	98
82) Chrysene	18.71	228	92708	8.38	ng	98
85) Indeno(1,2,3-cd)pyrene	21.71	276	27396	3.05	ng	92
87) Benzo(b)fluoranthene	19.95	252	80225m	10.43	ng	
88) Benzo(k)fluoranthene	19.98	252	30474m	4.11	ng	
89) Benzo(a)pyrene	20.31	252	55092	7.76	ng	# 92
91) Benzo(g,h,i)perylene	22.09	276	27923	4.85	ng	96

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

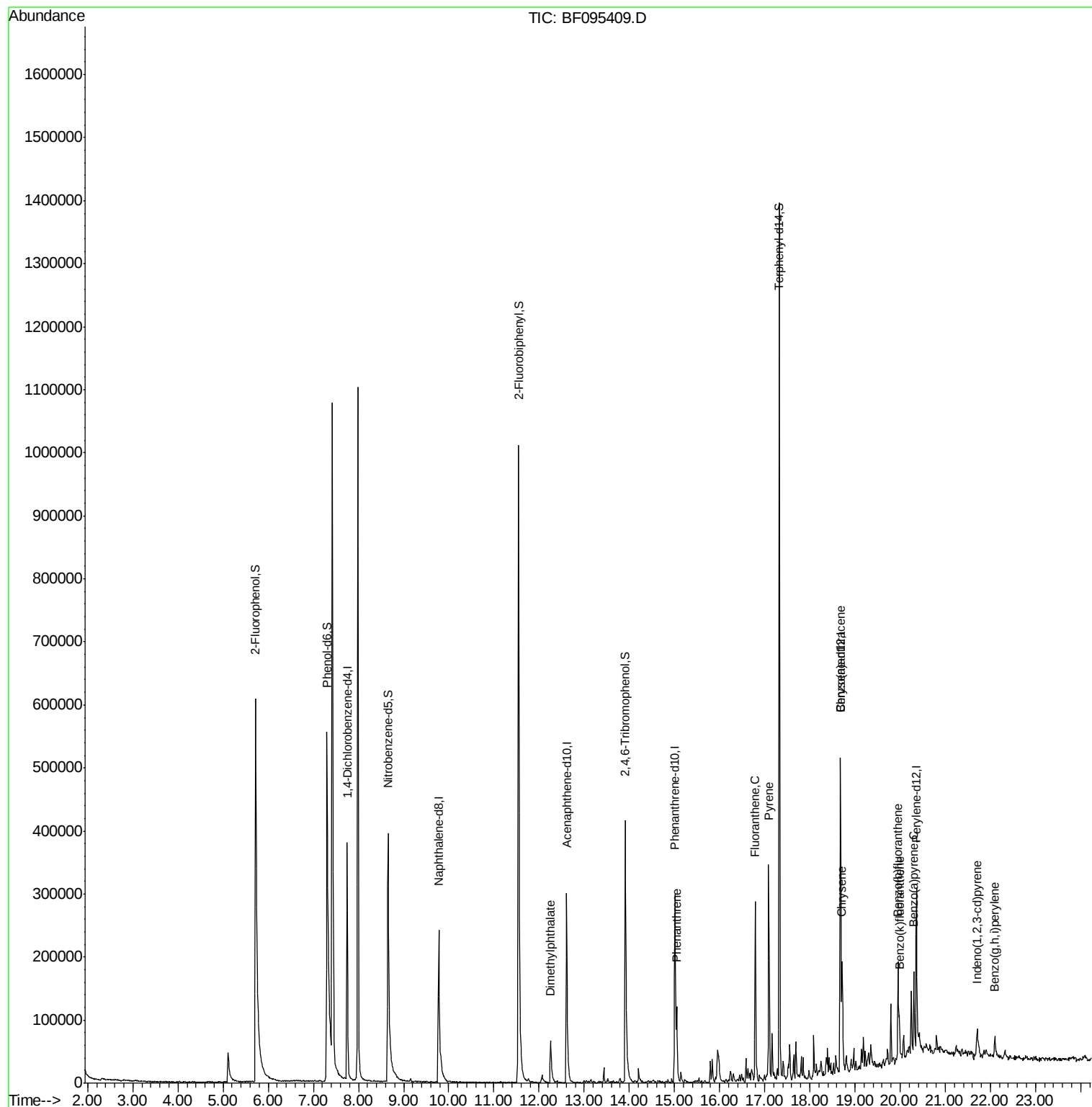
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
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ALS Vial : 26 Sample Multiplier: 1

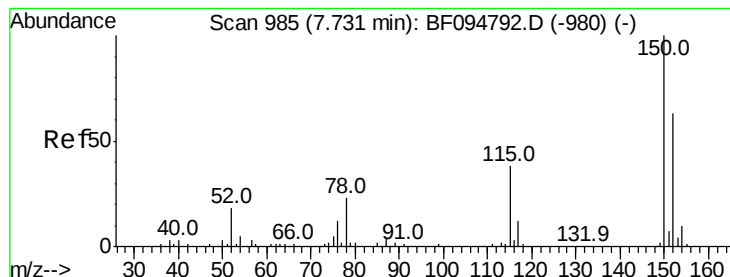
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

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#1

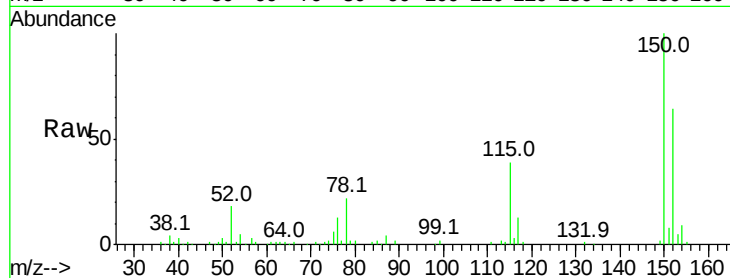
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095409.D
Acq: 25 May 2017 5:37

Instrument :
BNA_F
ClientSampled :
SB-06-COMP

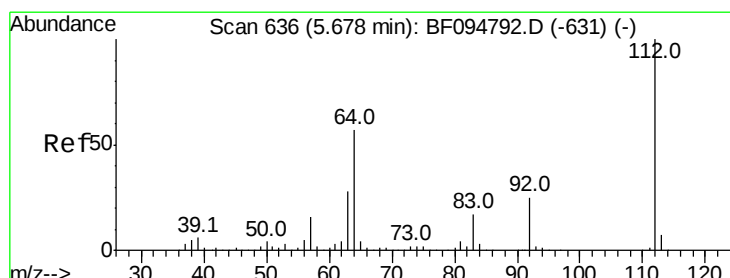
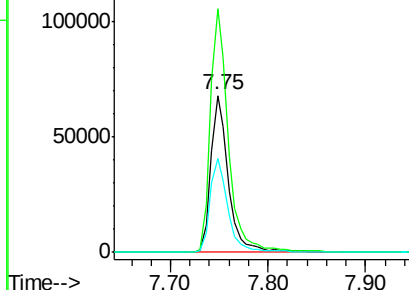
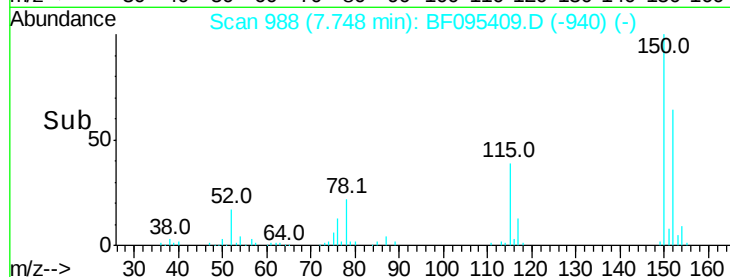
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	59.8	52.2	78.2

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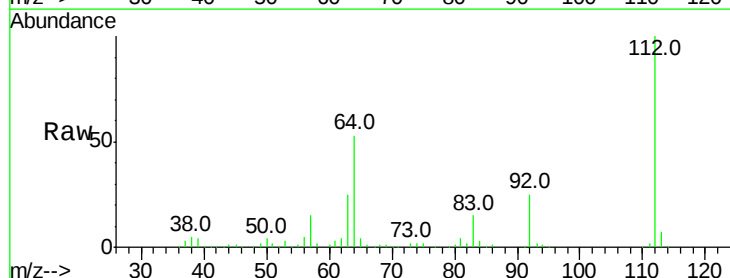
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



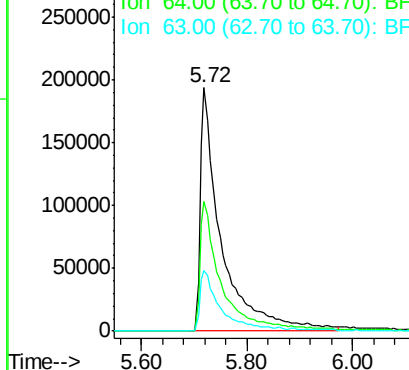
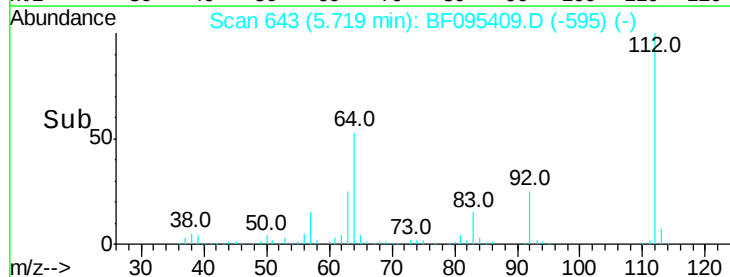
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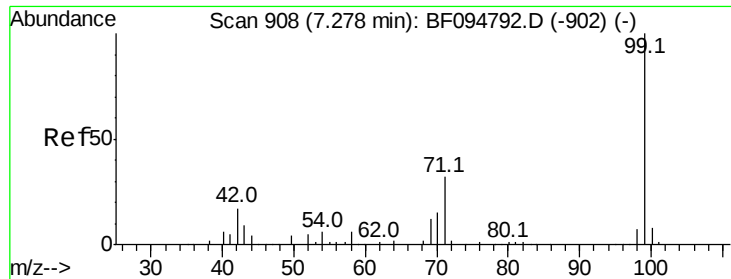
2-Fluorophenol
Concen: 105.14 ng
RT: 5.72 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF095409.D
Acq: 25 May 2017 5:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.0	69.0
63	24.8	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: 101.73 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095409.D

Acq: 25 May 2017 5:37

Instrument :

BNA_F

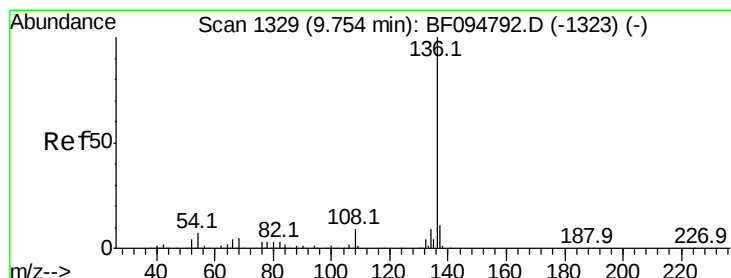
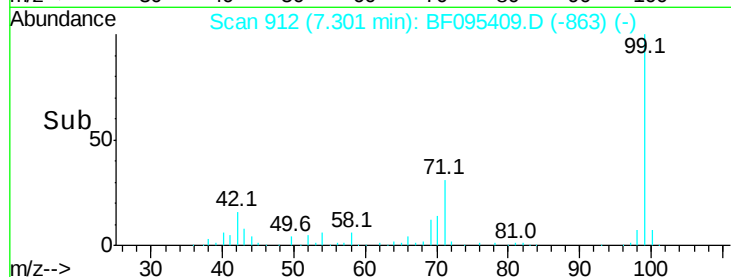
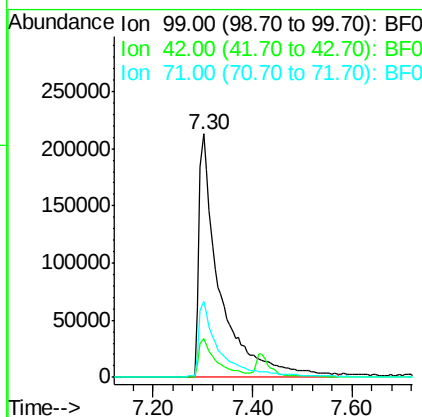
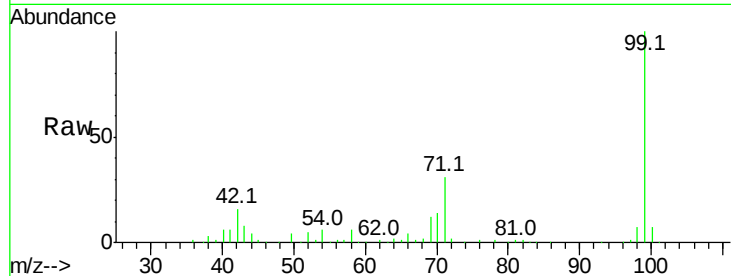
ClientSampled :

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Tot Ion:	99	Resp:	622872
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	31.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

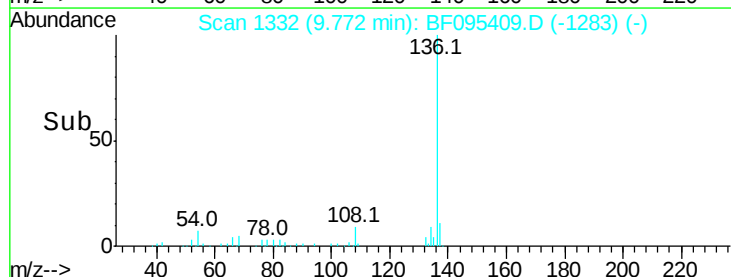
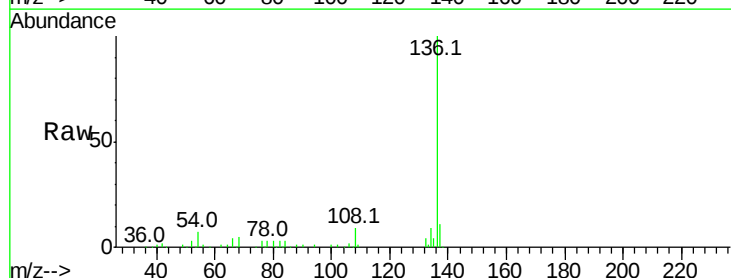
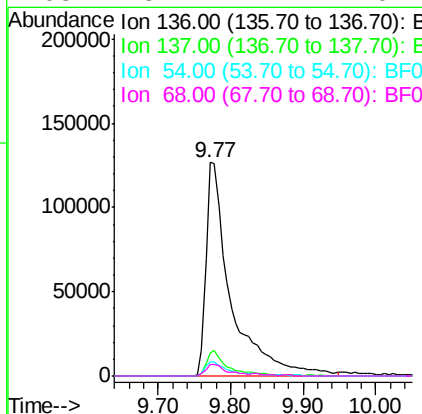
RT: 9.77 min Scan# 1332

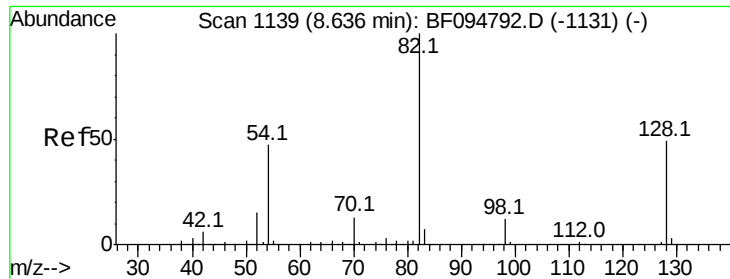
Delta R.T. -0.01 min

Lab File: BF095409.D

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Tgt Ion:	136	Resp:	303853
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.8	4.9	7.3
68	5.4	4.1	6.1





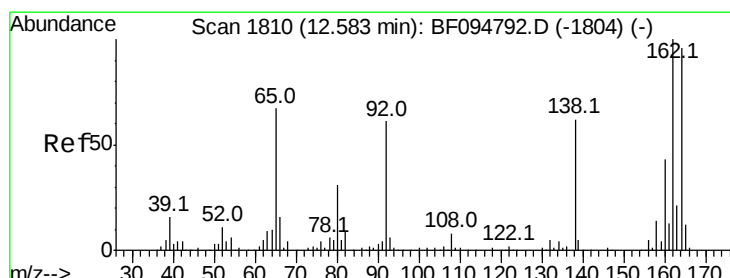
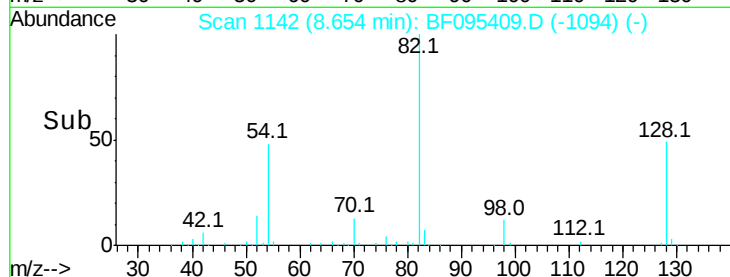
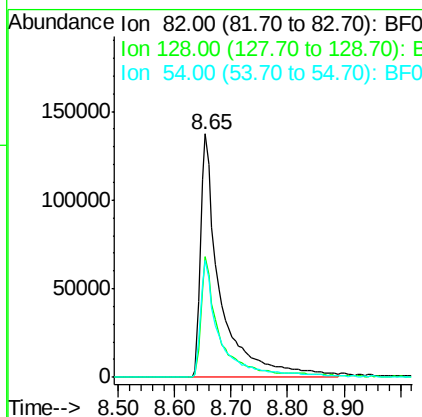
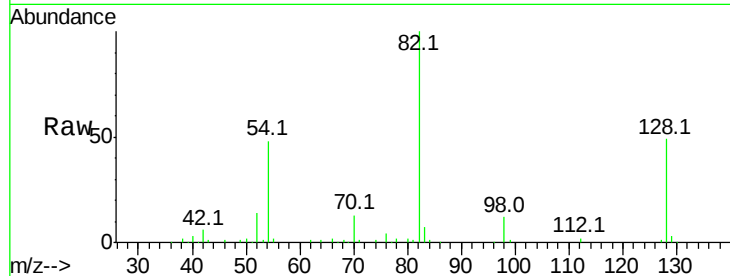
#23
Nitrobenzene-d5
Concen: 70.31 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095409.D
Acq: 25 May 2017 5:37

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.4	34.0	51.0	
54	48.0	42.2	63.2	

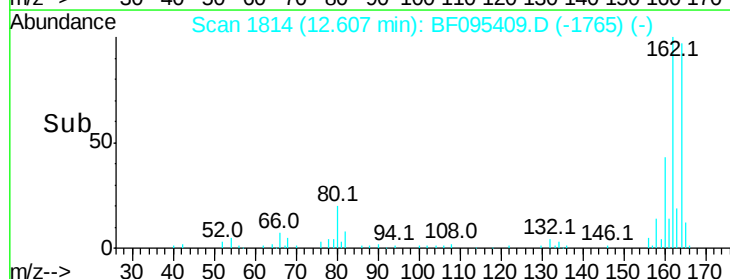
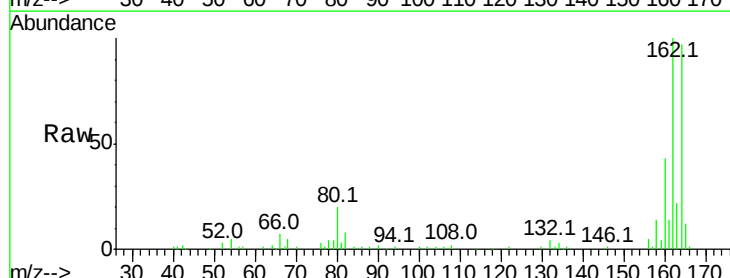
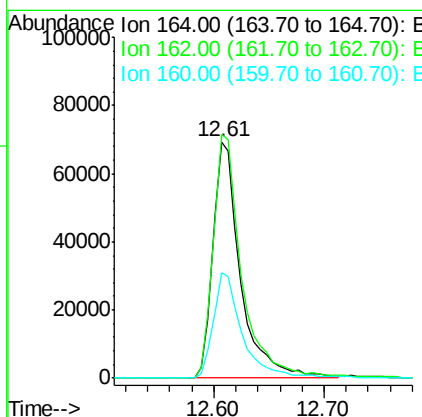
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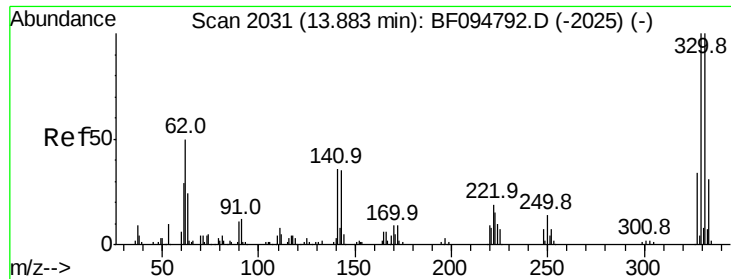
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF095409.D
Acq: 25 May 2017 5:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	82.6	123.8	
160	44.5	36.2	54.2	





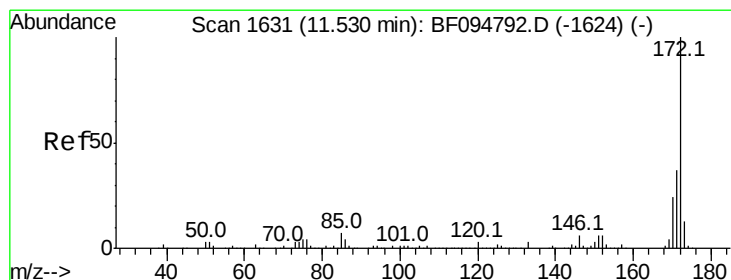
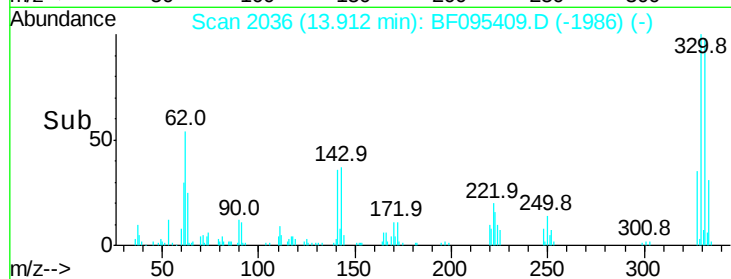
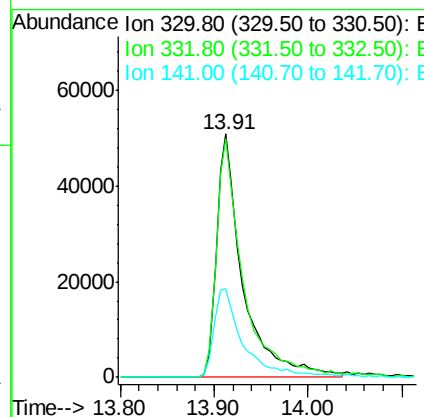
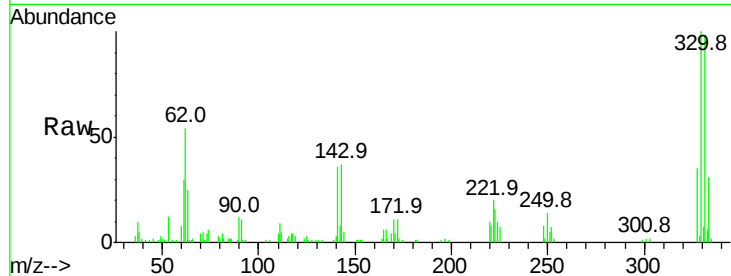
#41
 2,4,6-Tribromophenol
 Concen: 101.28 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095409.D
 Acq: 25 May 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.2	76.6	115.0	
141	41.1	31.4	47.2	

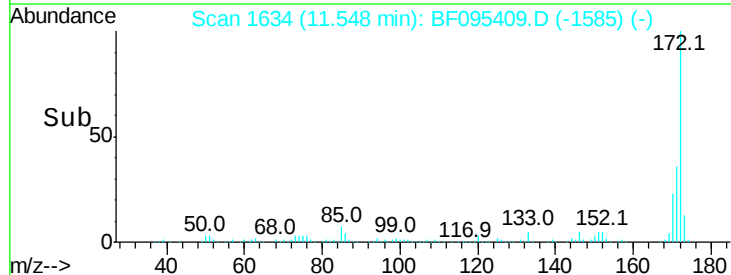
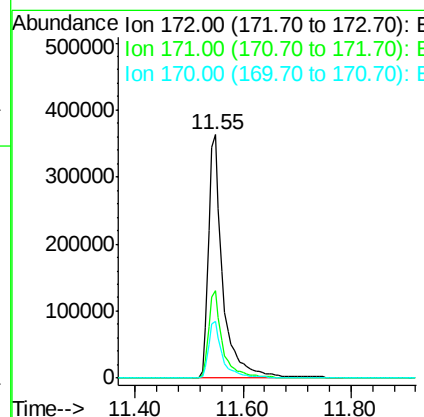
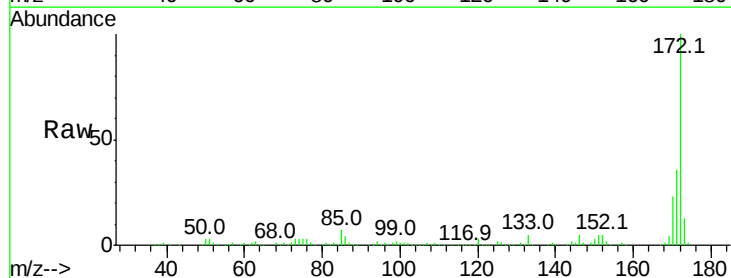
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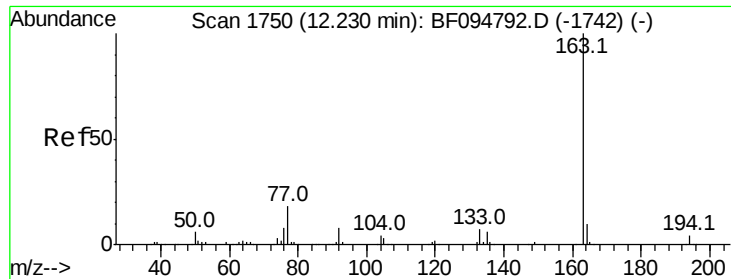
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#44
 2-Fluorobiphenyl
 Concen: 80.64 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095409.D
 Acq: 25 May 2017 5:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.6	44.4	
170	23.4	19.8	29.8	





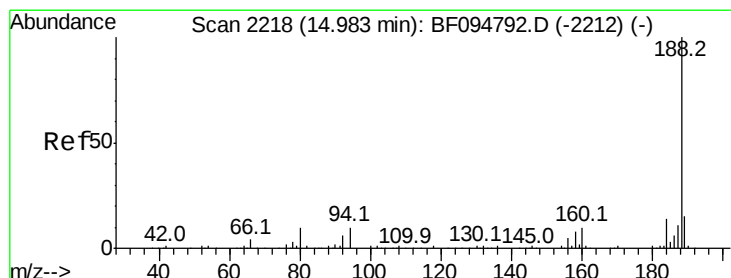
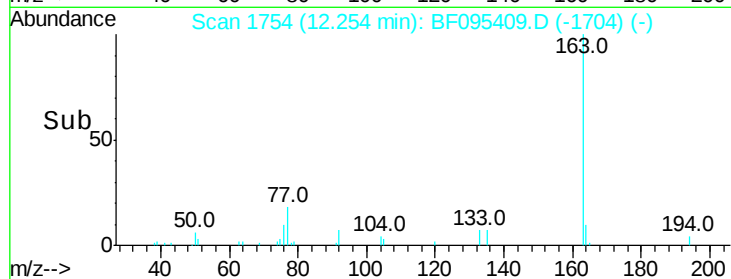
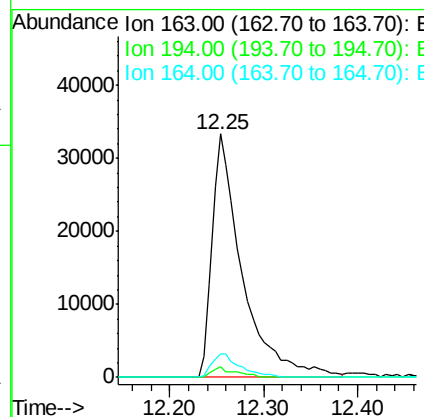
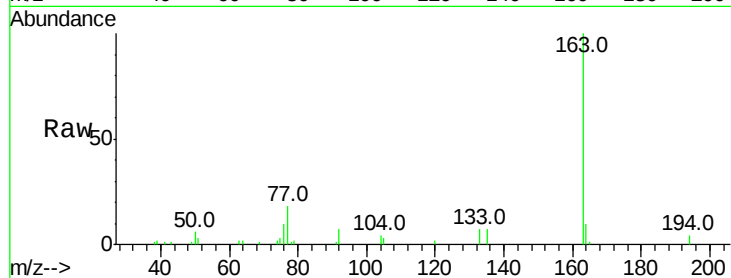
#49
Dimethylphthalate
Concen: 7.63 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095409.D
Acq: 25 May 2017 5:37

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tot Ion:163 Resp: 75139
Ion Ratio Lower Upper
163 100
194 4.3 2.6 4.0#
164 9.8 8.4 12.6

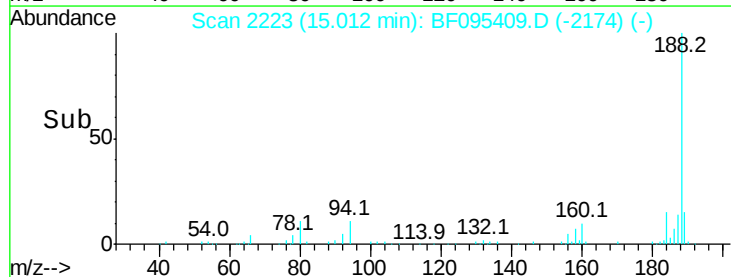
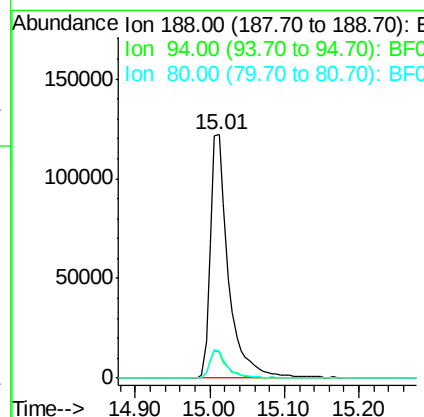
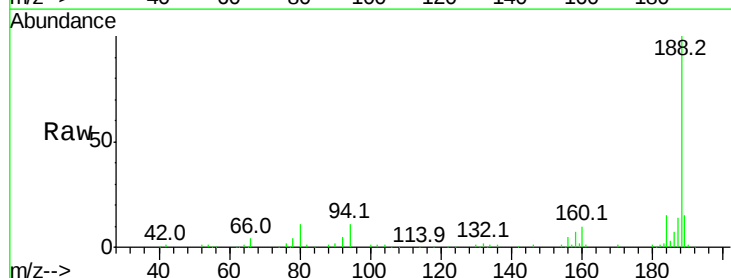
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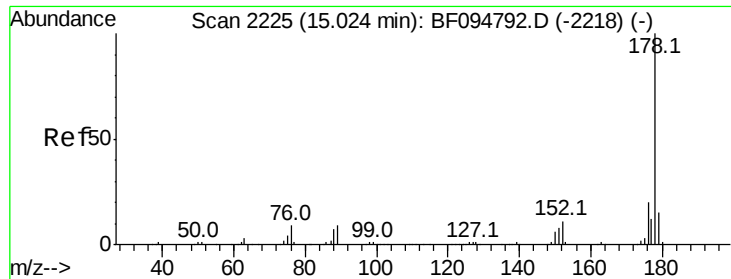
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095409.D
Acq: 25 May 2017 5:37

Tgt Ion:188 Resp: 207659
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.1 10.2 15.2





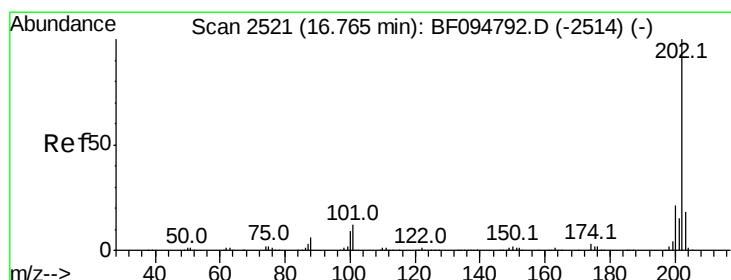
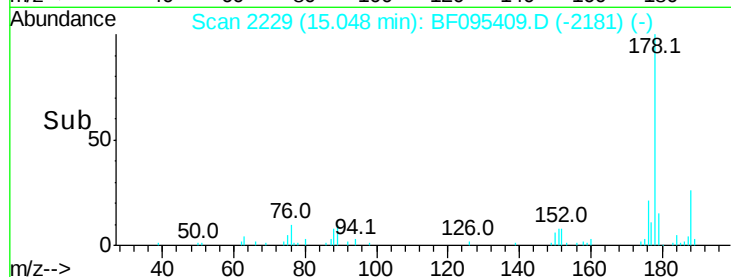
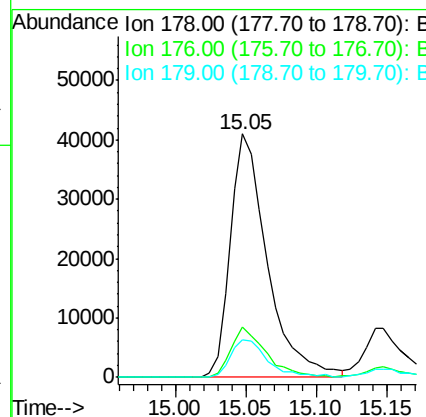
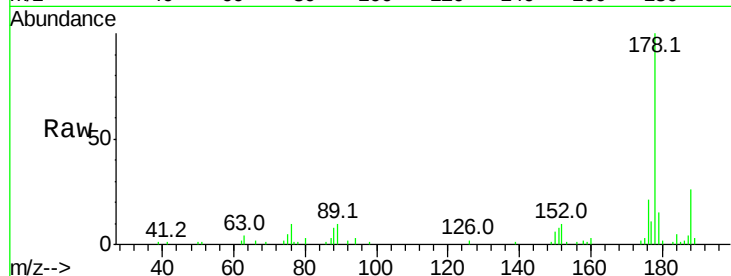
#70
Phenanthrene
Concen: 6.29 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF095409.D
Acq: 25 May 2017 5:37

Instrument :
BNA_F
ClientSampled :
SB-06-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	15.2	12.6	19.0

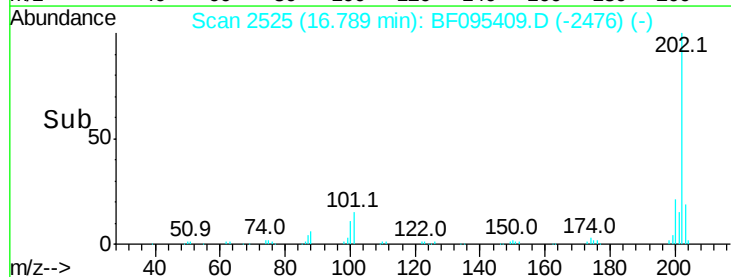
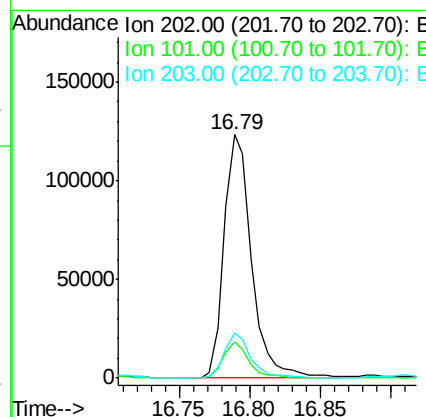
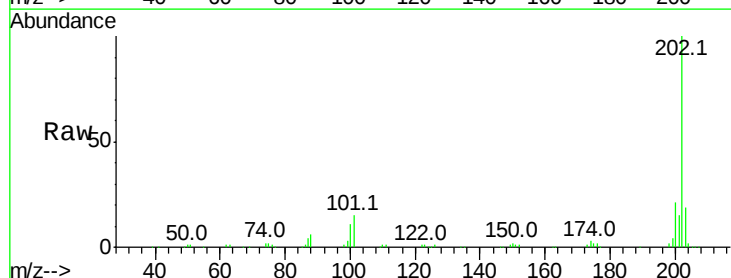
Manual Integrations
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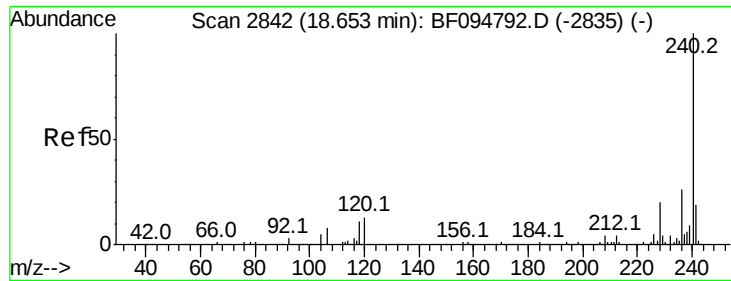
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#74
Fluoranthene
Concen: 13.71 ng
RT: 16.79 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF095409.D
Acq: 25 May 2017 5:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	33.2
203	18.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095409.D

Acq: 25 May 2017 5:37

Instrument :

BNA_F

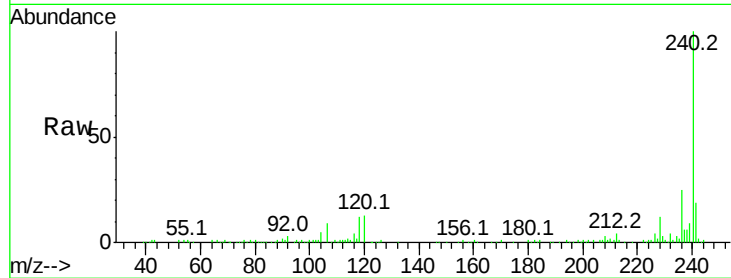
ClientSampleId :

SB-06-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.8	8.8#
236	25.5	20.5	30.7

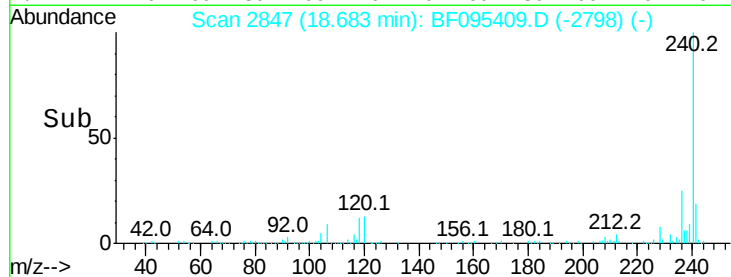
Manual Integrations
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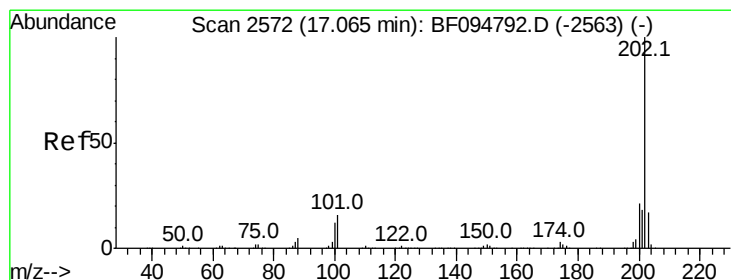


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

18.68



Time--> 18.60 18.70



#77

Pyrene

Concen: 11.98 ng

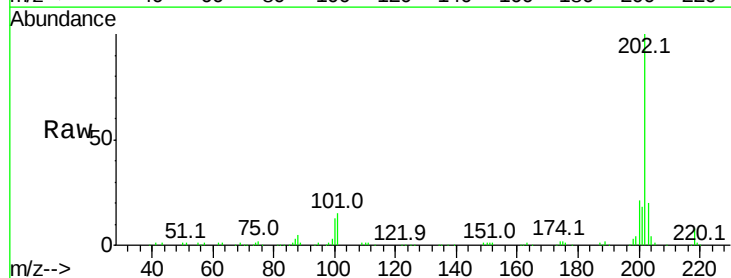
RT: 17.09 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BF095409.D

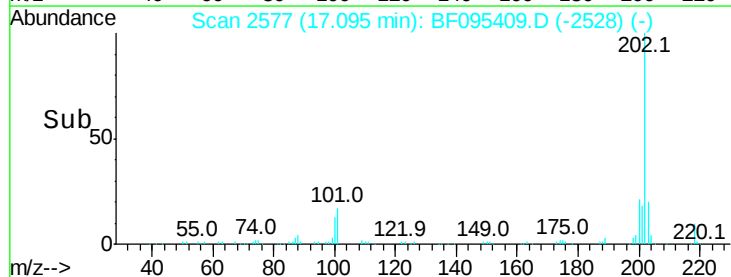
Acq: 25 May 2017 5:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	20.0	14.4	21.6

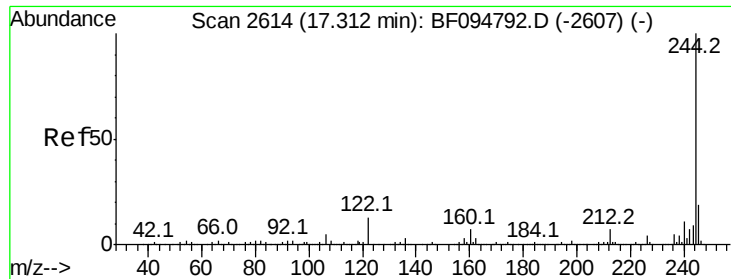


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

17.09



Time--> 17.00 17.10 17.20



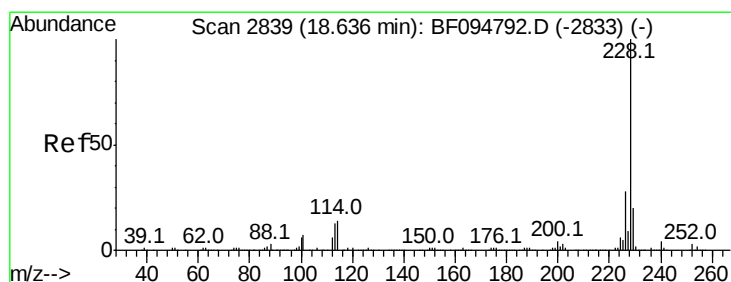
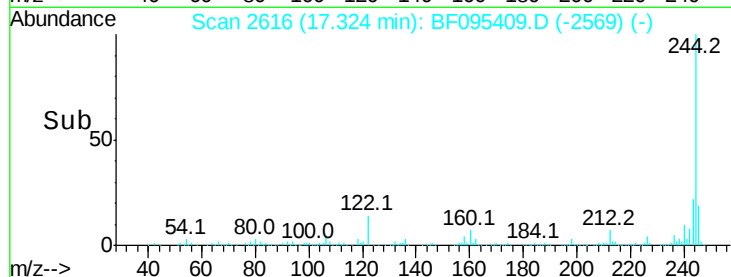
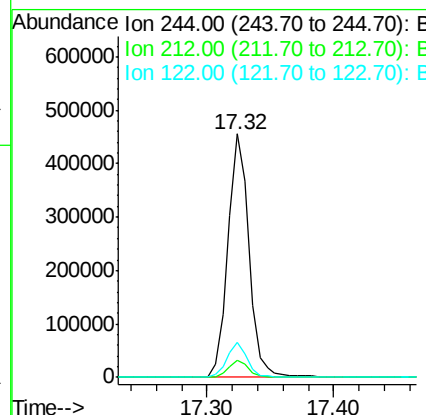
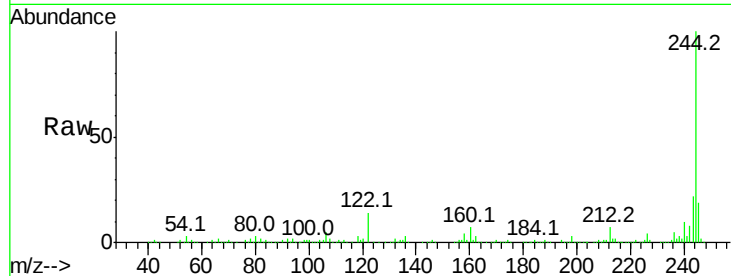
#78
 Terphenyl-d14
 Concen: 58.90 ng
 RT: 17.32 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BF095409.D
 Acq: 25 May 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.5	10.3	15.5

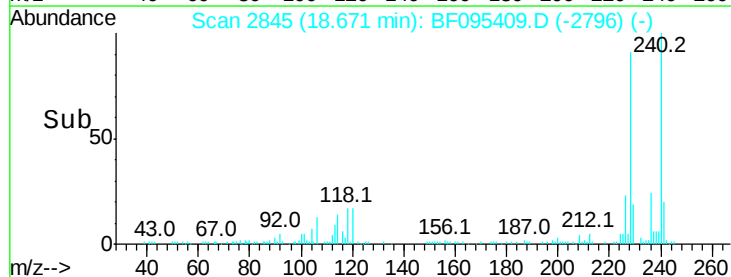
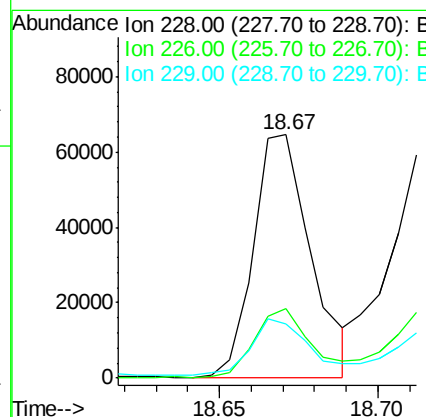
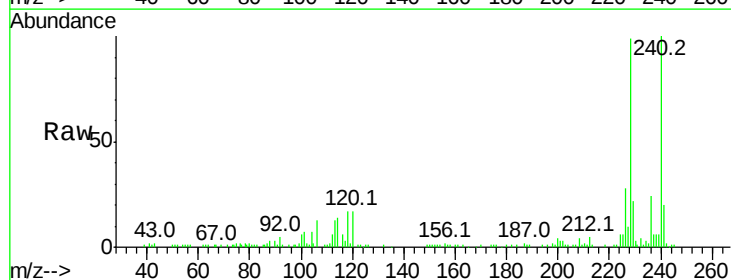
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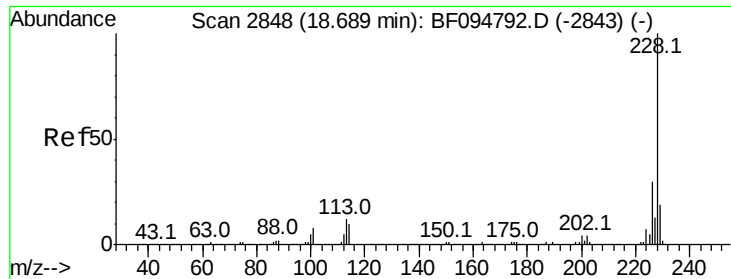
mohammad
 5/25/2017 6:10:52 PM



#80
 Benzo(a)anthracene
 Concen: 7.13 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095409.D
 Acq: 25 May 2017 5:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	22.1	16.3	24.5





#82

Chrysene

Concen: 8.38 ng

RT: 18.71 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BF095409.D

Acq: 25 May 2017 5:37

Instrument :

BNA_F

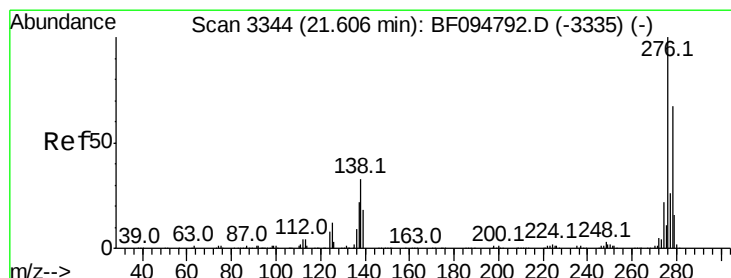
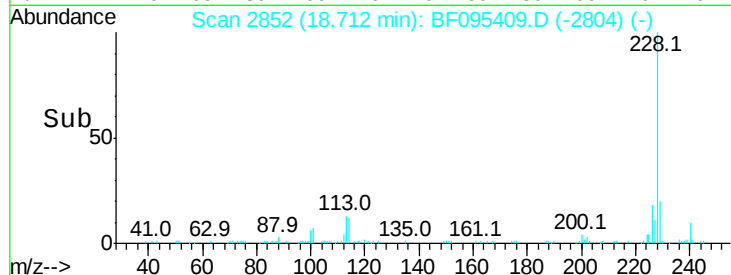
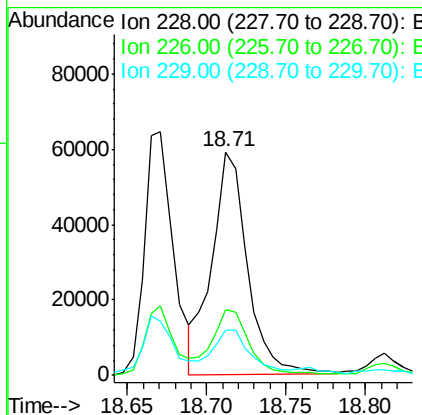
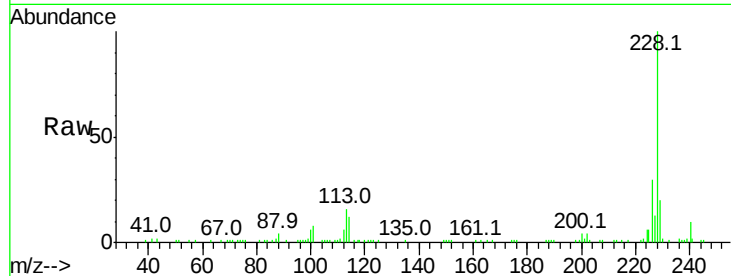
ClientSampleId :

SB-06-COMP

Tot Ion:	228	Resp:	92708
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.9	37.3
229	20.4	15.8	23.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.05 ng

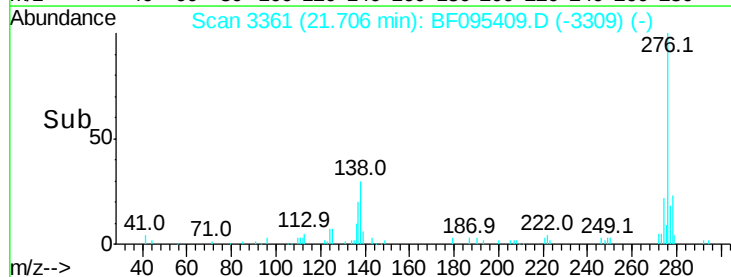
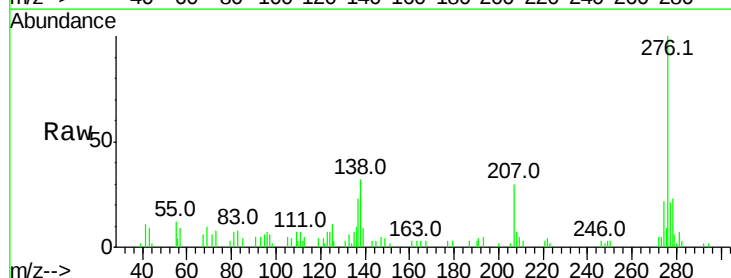
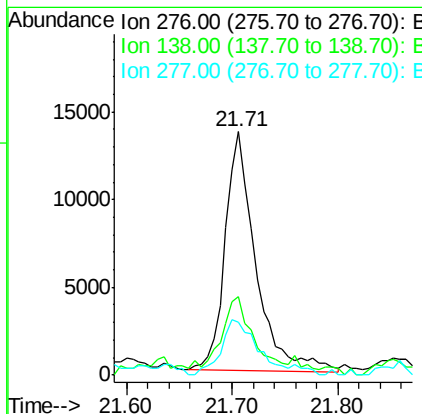
RT: 21.71 min Scan# 3361

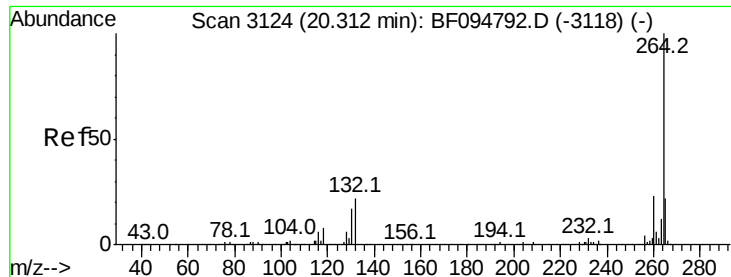
Delta R.T. 0.01 min

Lab File: BF095409.D

Acq: 25 May 2017 5:37

Tgt Ion:	276	Resp:	27396
Ion Ratio	Lower	Upper	
276	100		
138	28.4	27.8	41.6
277	27.0	20.2	30.4





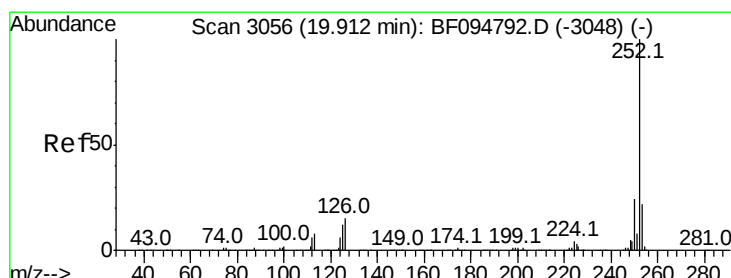
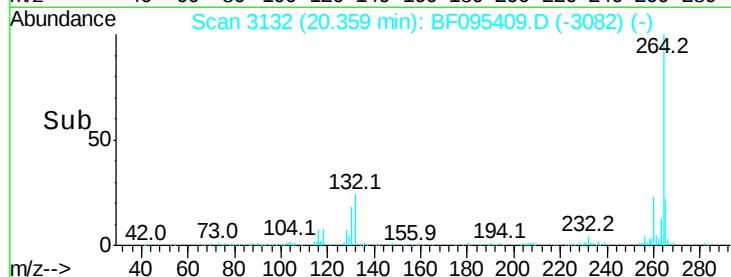
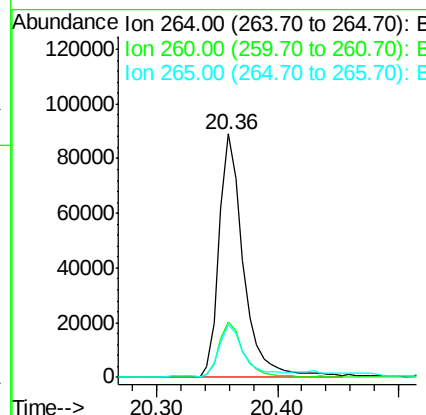
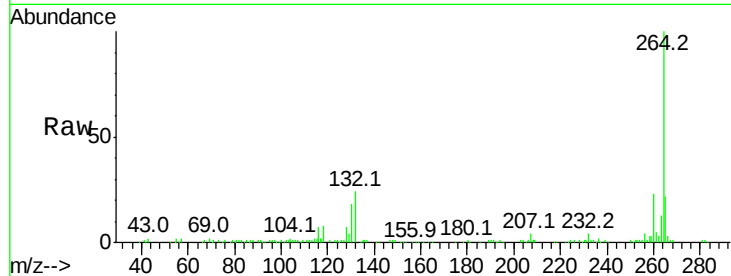
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095409.D
Acq: 25 May 2017 5:37

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.6	17.2	25.8

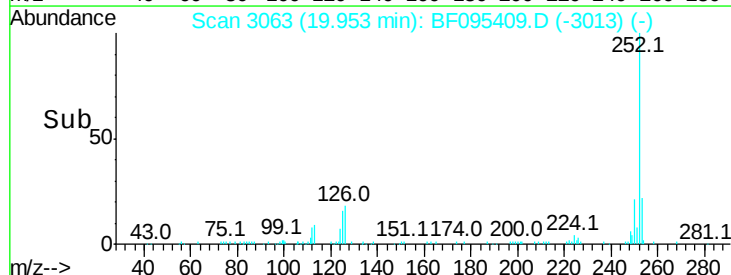
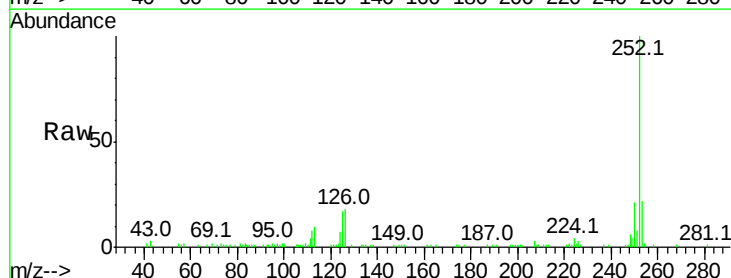
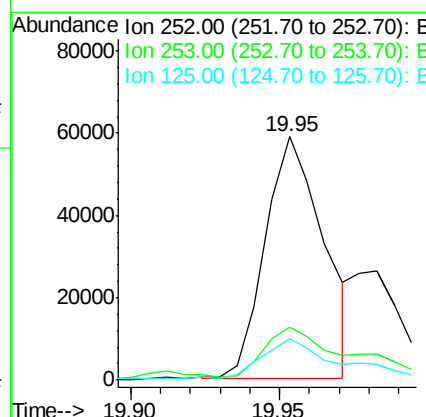
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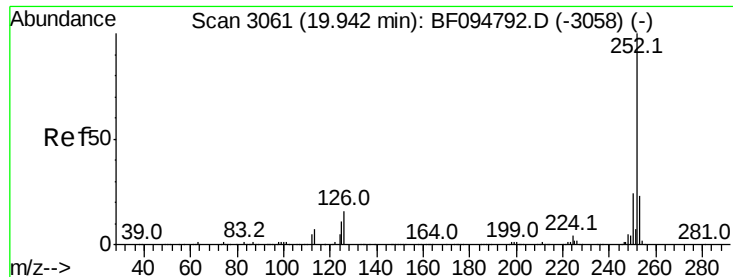
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#87
Benzo(b)fluoranthene
Concen: 10.43 ng m
RT: 19.95 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095409.D
Acq: 25 May 2017 5:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	16.8	9.8	14.8#





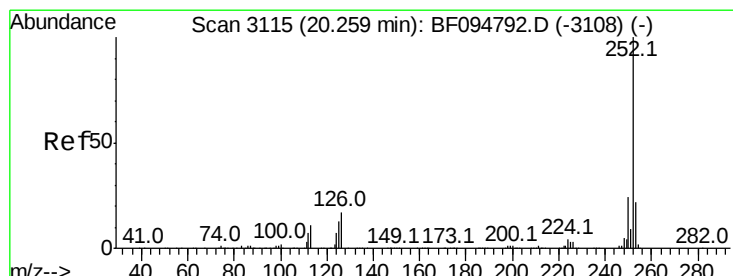
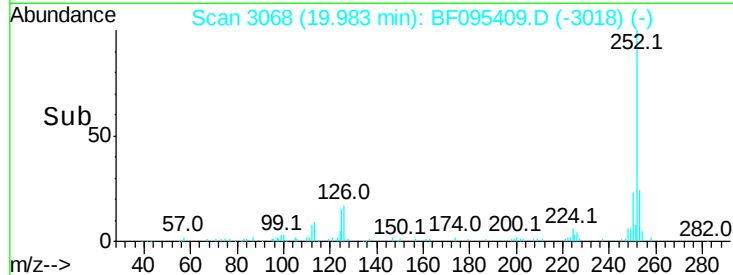
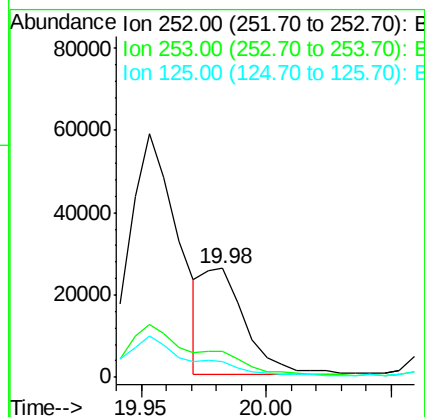
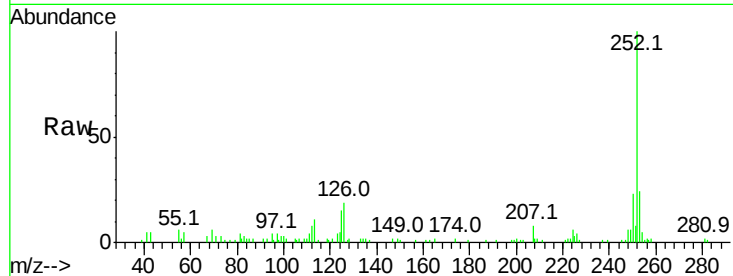
#88
Benzo(k)fluoranthene
Concen: 4.11 ng m
RT: 19.98 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF095409.D
Acq: 25 May 2017 5:37

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tot Ion:	252	Resp:	30474
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.4	27.6
125	14.6	13.1	19.7

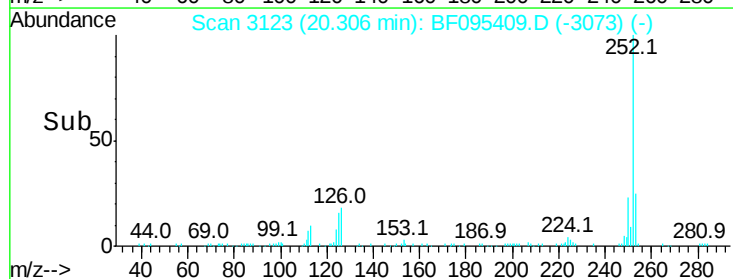
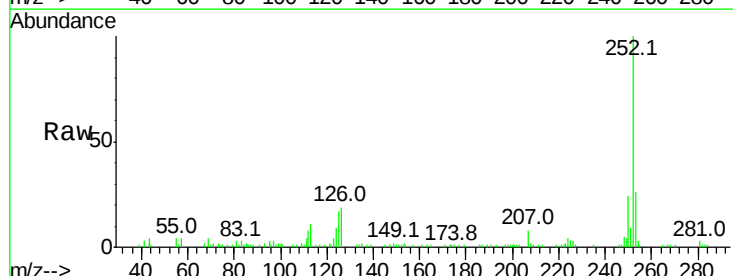
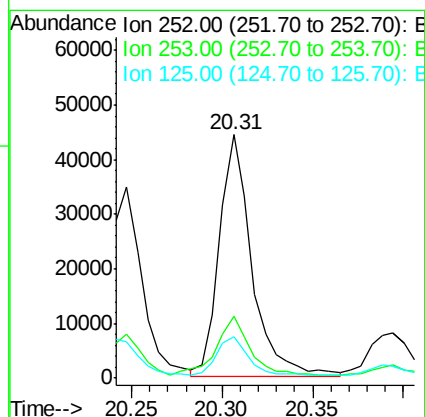
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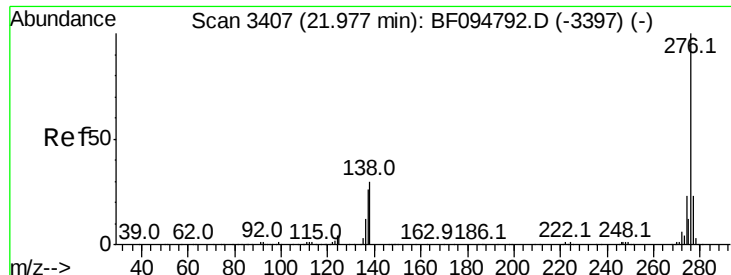
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#89
Benzo(a)pyrene
Concen: 7.76 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095409.D
Acq: 25 May 2017 5:37

Tgt Ion:	252	Resp:	55092
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.5	26.3
125	17.2	11.0	16.4#





#91
 Benzo(a,h,i)perylene
 Concen: 4.85 ng
 RT: 22.09 min Scan# 3427
 Delta R.T. 0.01 min
 Lab File: BF095409.D
 Acq: 25 May 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	29.6	25.4	38.0

Manual Integrations
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