

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095513.D
 Acq On : 27 May 2017 23:57
 Operator : SJ/MA
 Sample : I3244-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM6-COMP-6-18

Manual Integrations
 APPROVED

mohammad
 5/31/2017 1:03:32 PM

Quant Time: May 29 02:56:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	100132	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	394981	20.00	ng	0.00
38) Acenaphthene-d10	12.60	164	174264	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	263226	20.00	ng	0.00
75) Chrysene-d12	18.67	240	209538	20.00	ng	0.00
86) Perylene-d12	20.35	264	193570	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	659727	109.85	ng	0.00
7) Phenol-d6	7.28	99	783036	108.66	ng	-0.01
23) Nitrobenzene-d5	8.64	82	452528	72.25	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	136093	95.36	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	856465	70.74	ng	0.00
78) Terphenyl-d14	17.31	244	519039	54.56	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.24	163	112011	7.83	ng	99
70) Phenanthrene	15.04	178	153151	10.13	ng	96
71) Anthracene	15.14	178	42598	2.76	ng	96
74) Fluoranthene	16.78	202	254191	16.38	ng	99
77) Pyrene	17.08	202	252800	16.13	ng	# 94
80) Benzo(a)anthracene	18.66	228	122288	10.03	ng	98
82) Chrysene	18.71	228	126020	10.69	ng	97
85) Indeno(1,2,3-cd)pyrene	21.71	276	57158	5.97	ng	94
87) Benzo(b)fluoranthene	19.95	252	151206m	12.64	ng	
88) Benzo(k)fluoranthene	19.97	252	49432m	4.28	ng	
89) Benzo(a)pyrene	20.29	252	104705	9.49	ng	94
91) Benzo(a,h,i)perylene	22.09	276	53583	5.99	ng	# 95

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

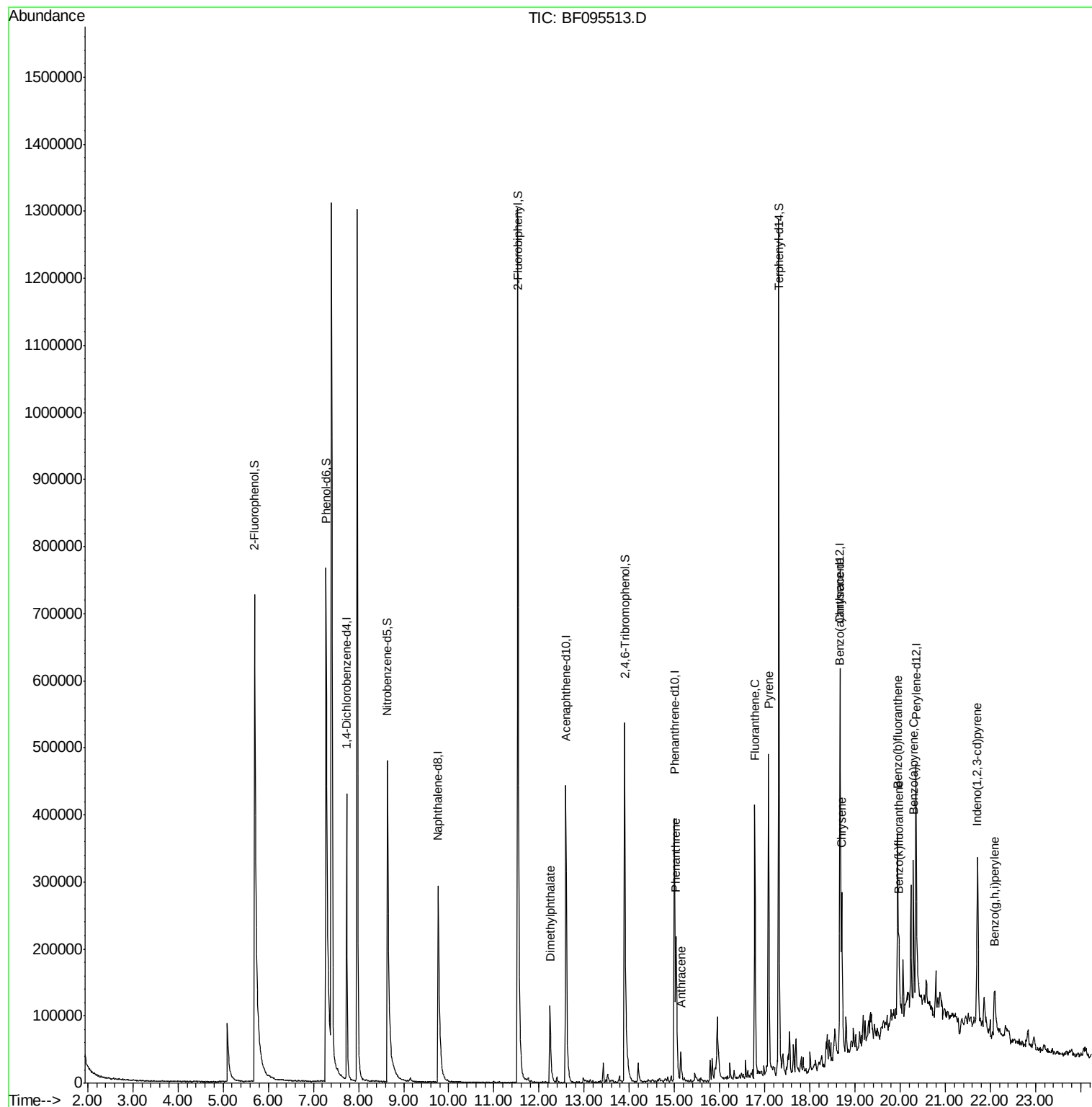
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095513.D
Acq On : 27 May 2017 23:57
Operator : SJ/MA
Sample : I3244-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

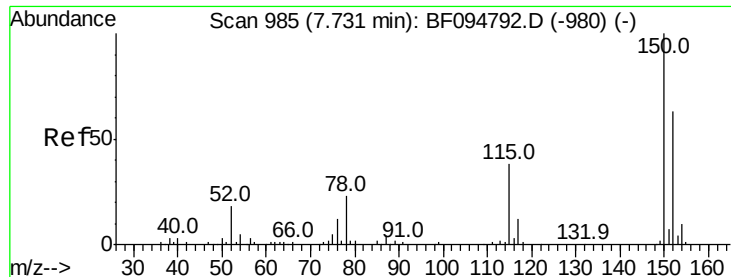
Instrument :
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NM6-COMP-6-18

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Quant Time: May 29 02:56:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
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#1

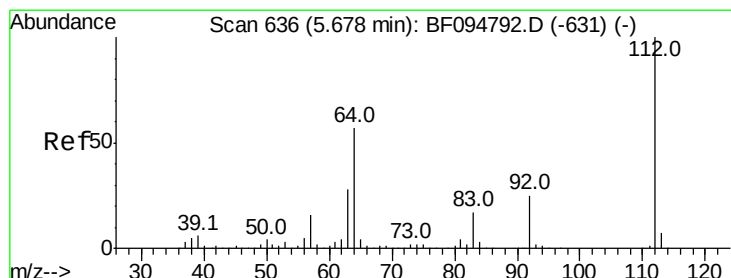
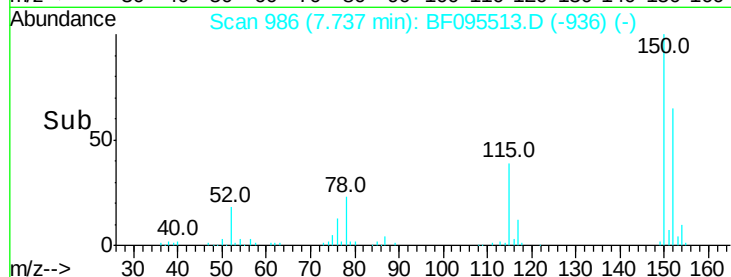
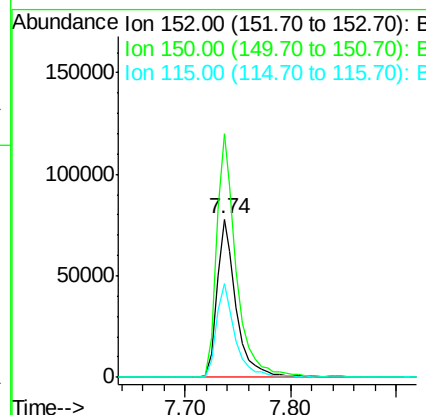
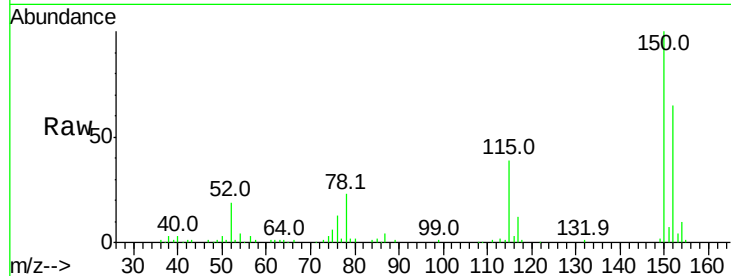
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-6-18

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.2	189.2
115	59.5	52.2	78.2

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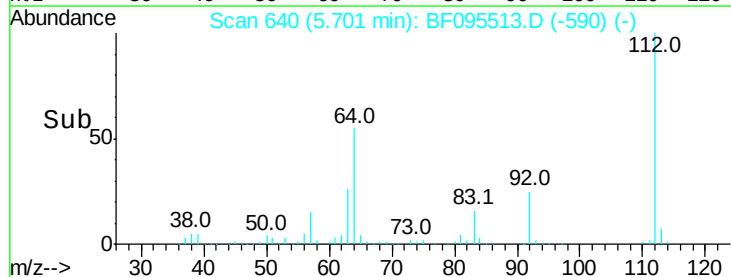
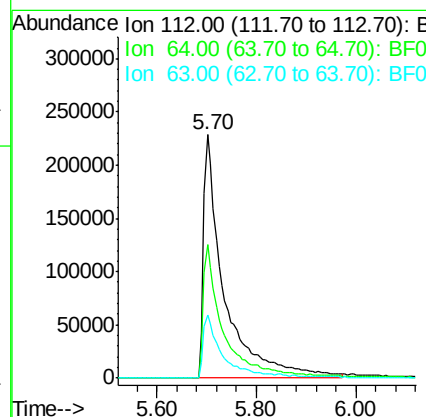
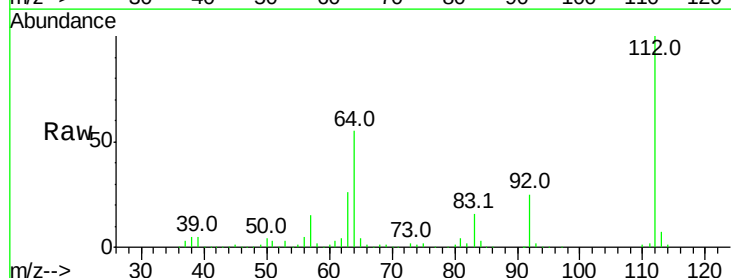
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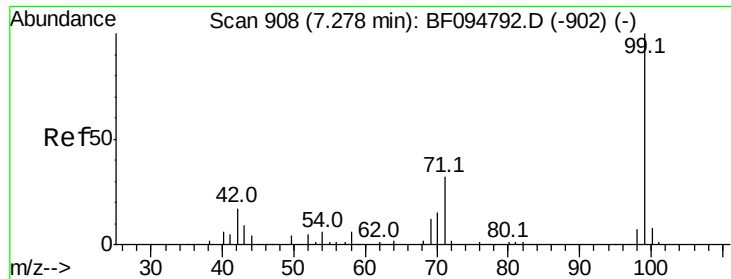


#5

2-Fluorophenol
Concen: 109.85 ng
RT: 5.70 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	25.9	23.4	35.0





#7

Phenol-d6

Concen: 108.66 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095513.D

Acq: 27 May 2017 23:57

Instrument :

BNA_F

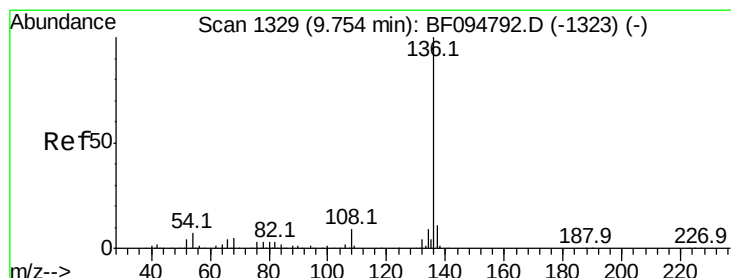
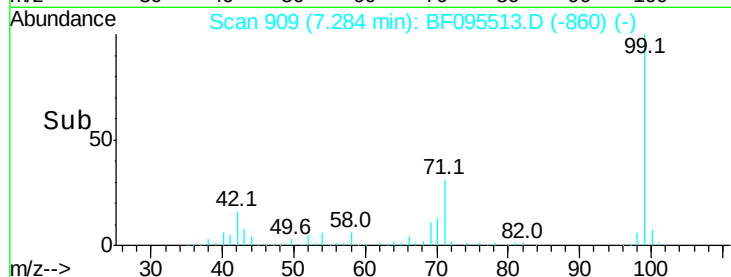
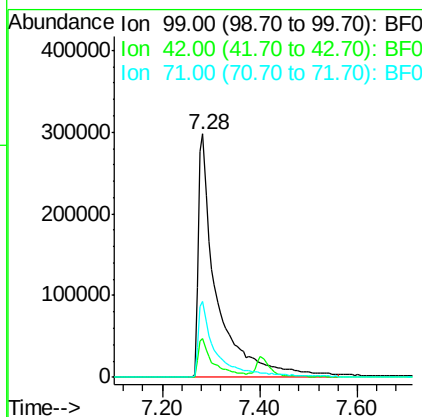
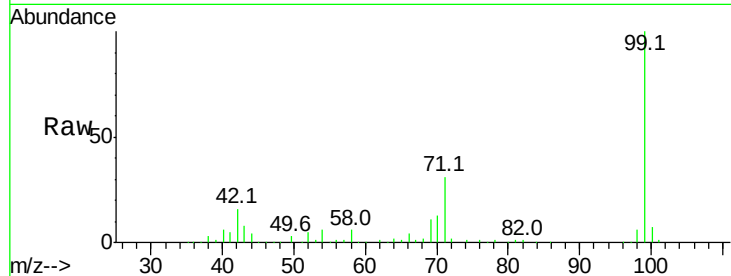
ClientSampleId :

NM6-COMP-6-18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		783036		
42	15.7	13.5	20.3		
71	31.0	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

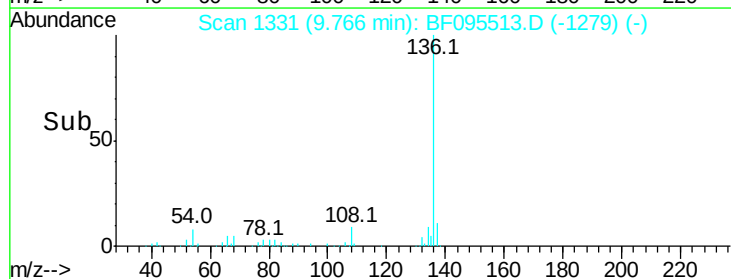
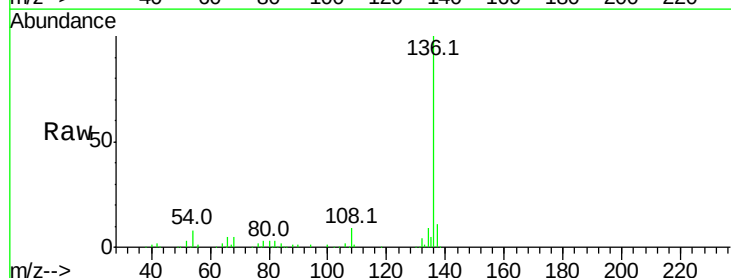
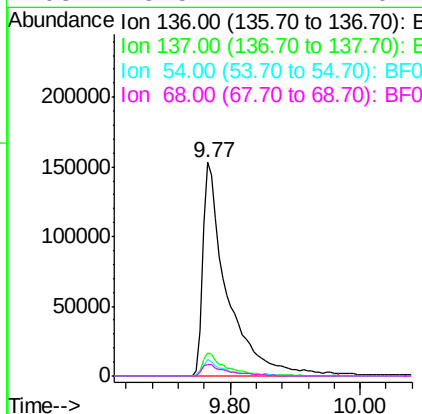
RT: 9.77 min Scan# 1331

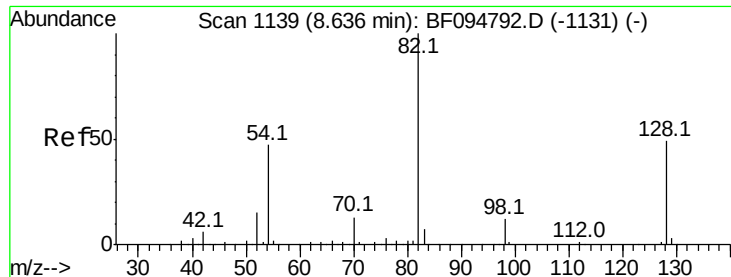
Delta R.T. 0.01 min

Lab File: BF095513.D

Acq: 27 May 2017 23:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		394981		
137	10.7	8.5	12.7		
54	7.9	4.9	7.3#		
68	5.5	4.1	6.1		





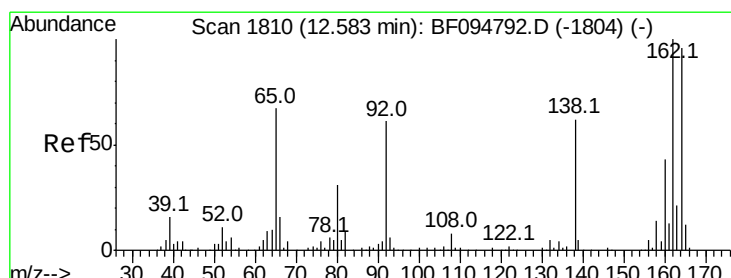
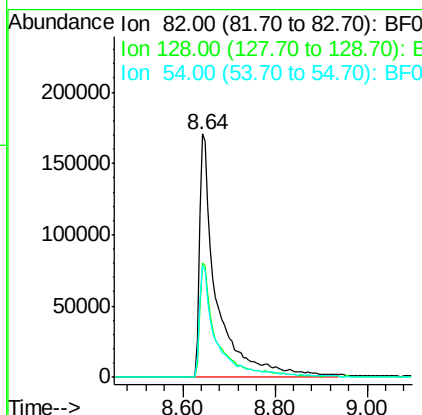
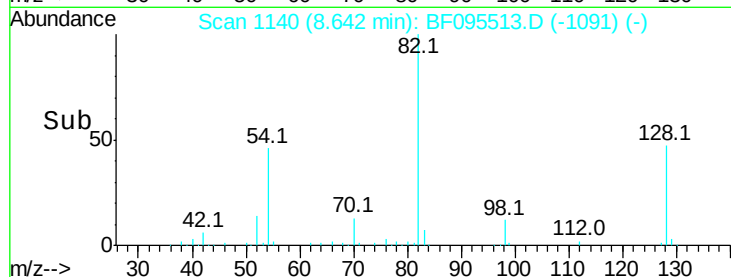
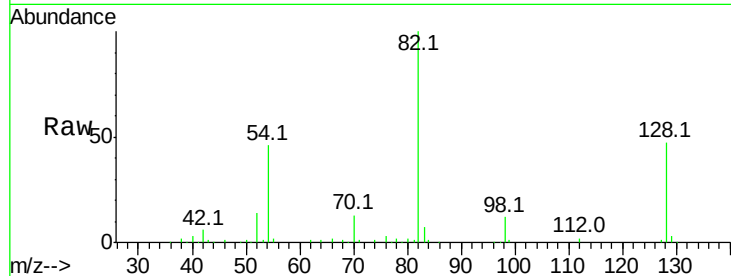
#23
 Nitrobenzene-d5
 Concen: 72.25 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF095513.D
 Acq: 27 May 2017 23:57

Instrument :
 BNA_F
 ClientSampleId :
 NM6-COMP-6-18

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	46.0	42.2	63.2

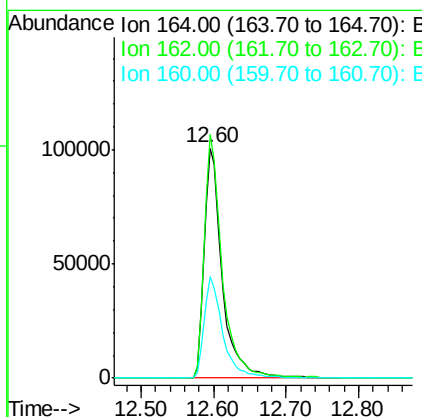
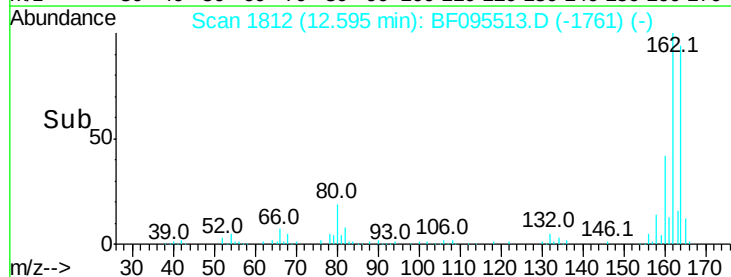
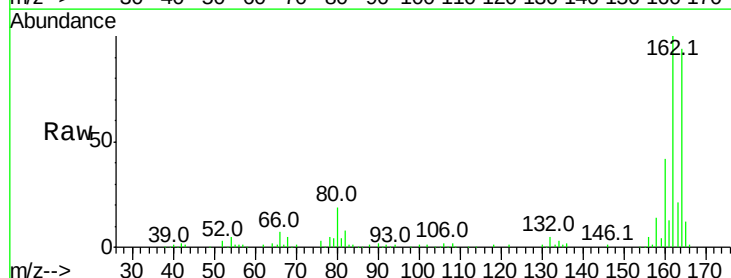
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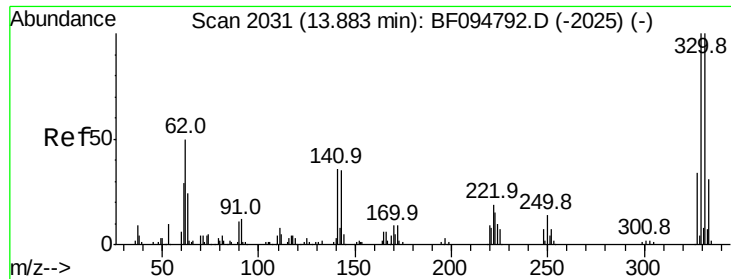
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BF095513.D
 Acq: 27 May 2017 23:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.6	123.8
160	44.1	36.2	54.2





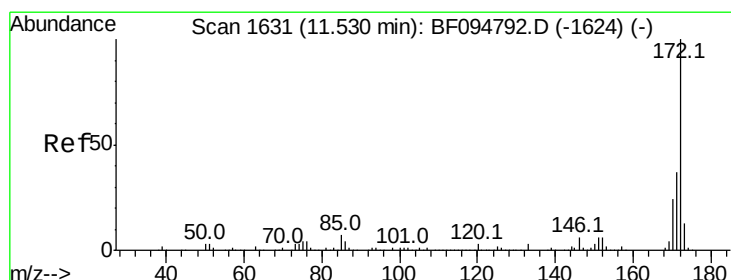
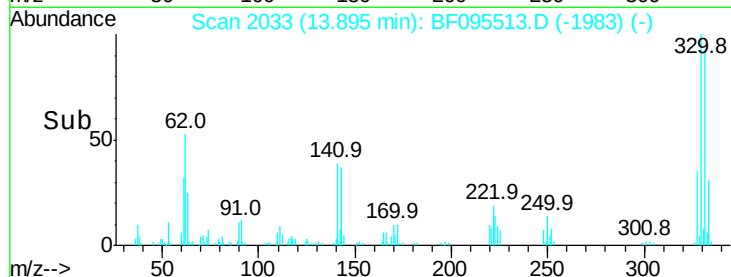
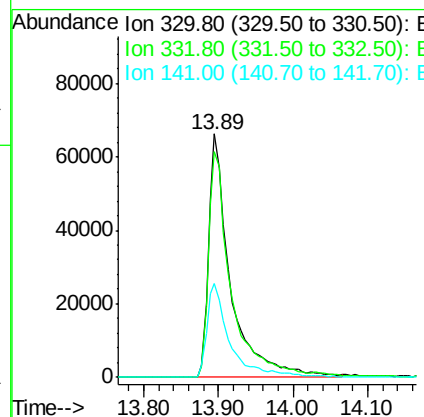
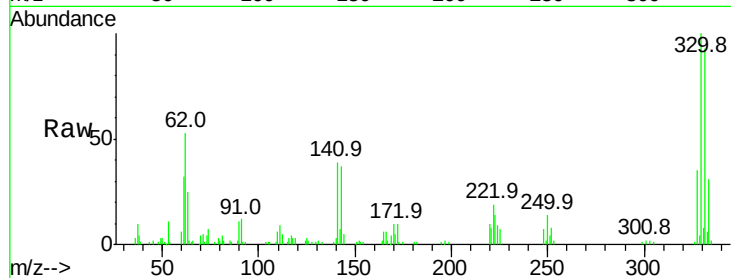
#41
 2,4,6-Tribromophenol
 Concen: 95.36 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095513.D
 Acq: 27 May 2017 23:57

Instrument :
 BNA_F
 ClientSampleId :
 NM6-COMP-6-18

Tot Ion	Ratio	Resp	Lower	Upper
330	100	136093		
332	94.3	76.6	115.0	
141	40.1	31.4	47.2	

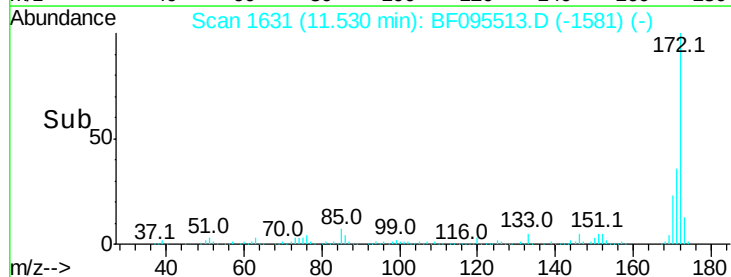
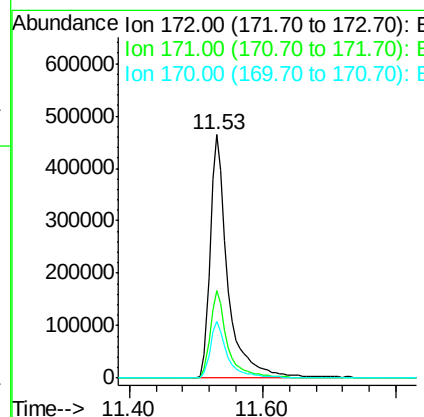
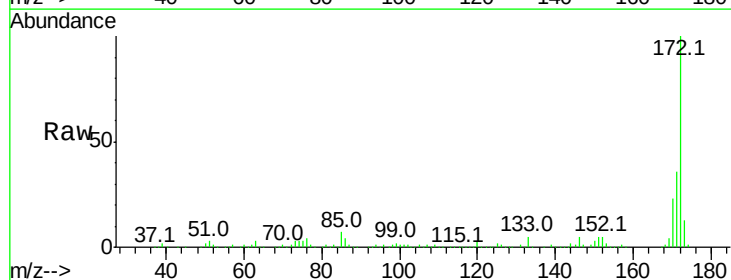
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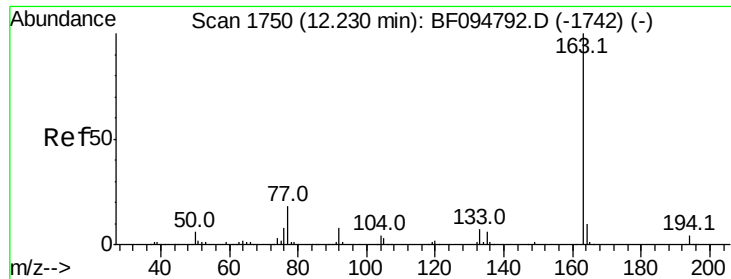
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#44
 2-Fluorobiphenyl
 Concen: 70.74 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095513.D
 Acq: 27 May 2017 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	856465		
171	35.8	29.6	44.4	
170	23.2	19.8	29.8	





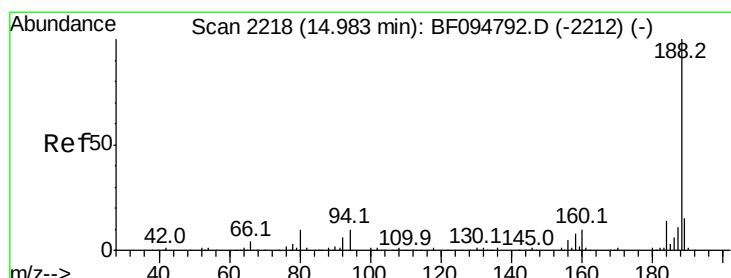
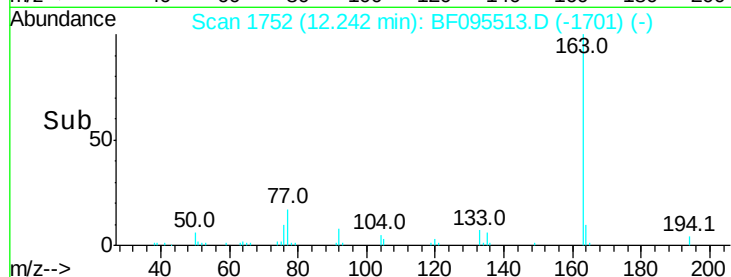
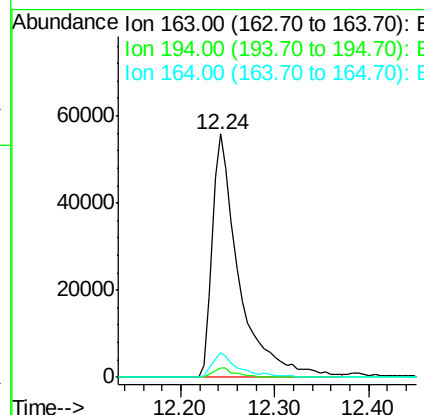
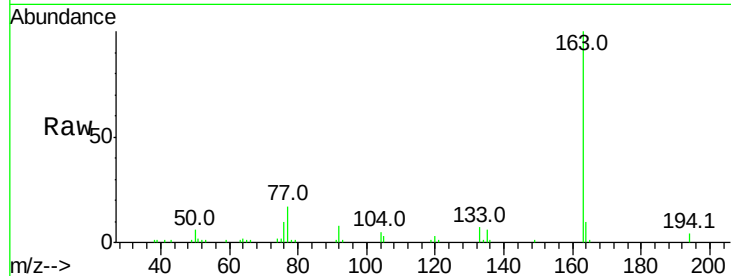
#49
Dimethylphthalate
Concen: 7.83 ng
RT: 12.24 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-6-18

Tot Ion	Ratio	Resp	Lower	Upper
163	100	112011		
194	3.9	2.6	4.0	
164	10.2	8.4	12.6	

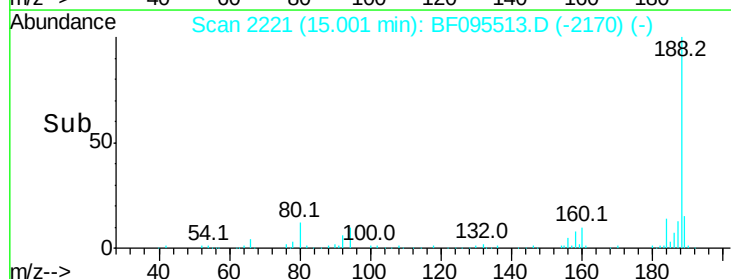
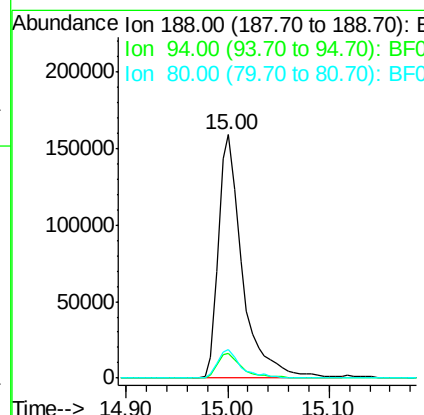
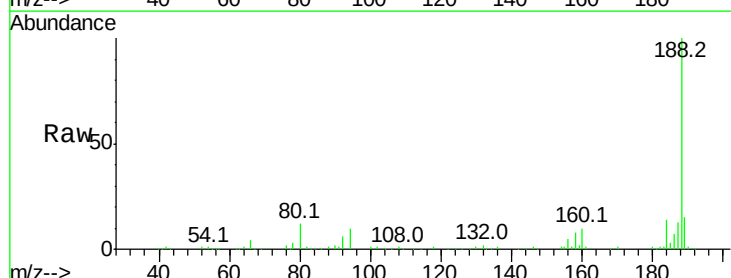
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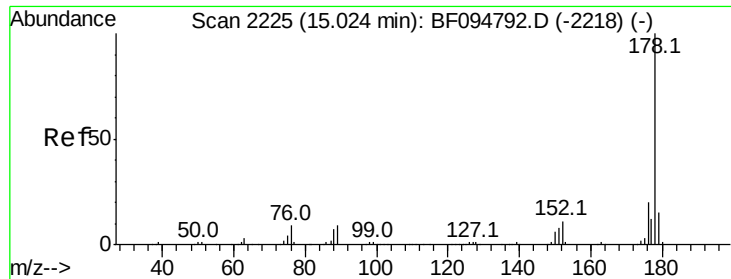
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	263226		
94	10.3	9.4	14.2	
80	11.8	10.2	15.2	





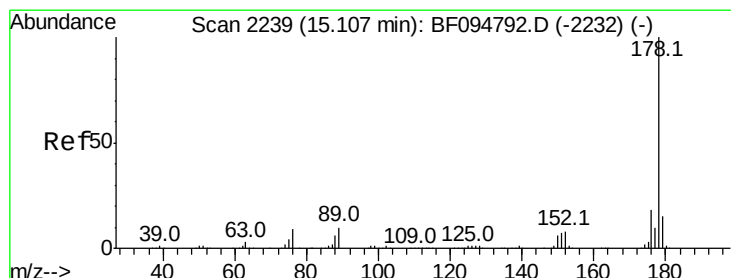
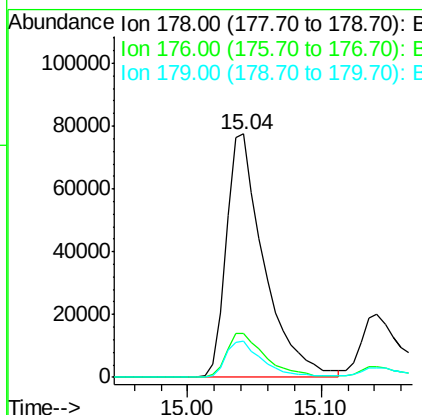
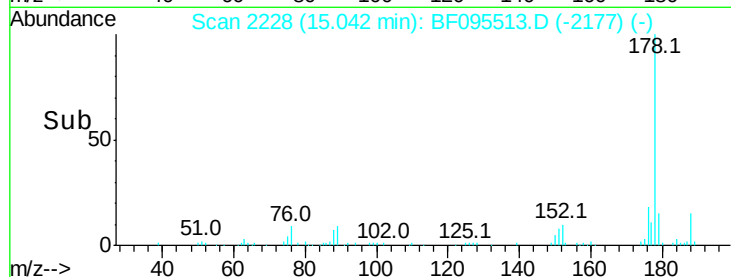
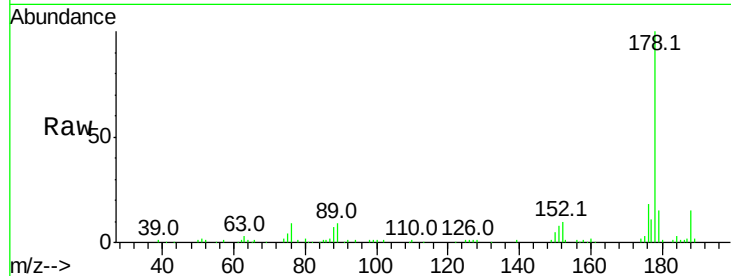
#70
Phenanthrene
Concen: 10.13 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-6-18

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.2	24.4
179	14.8	12.6	19.0

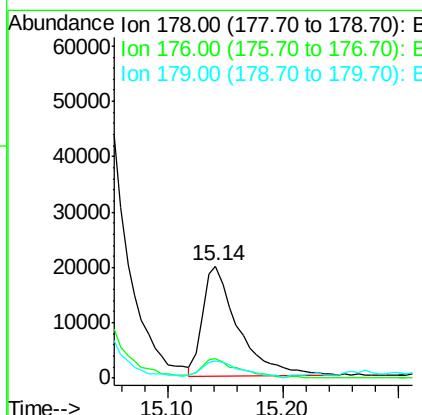
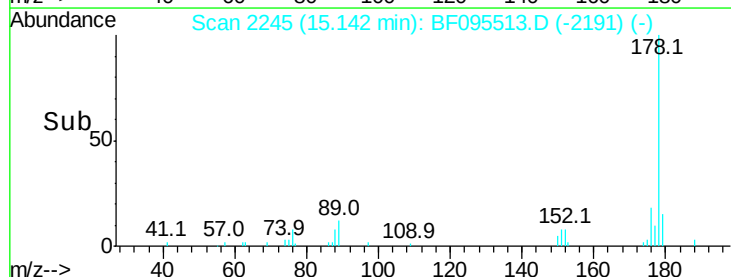
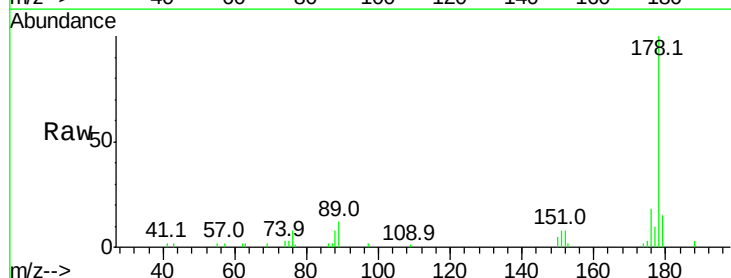
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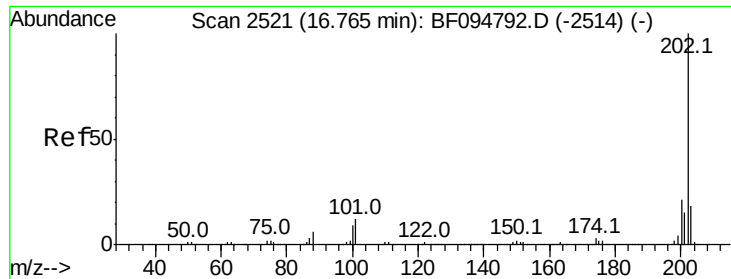
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#71
Anthracene
Concen: 2.76 ng
RT: 15.14 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.8	23.8
179	14.9	12.7	19.1





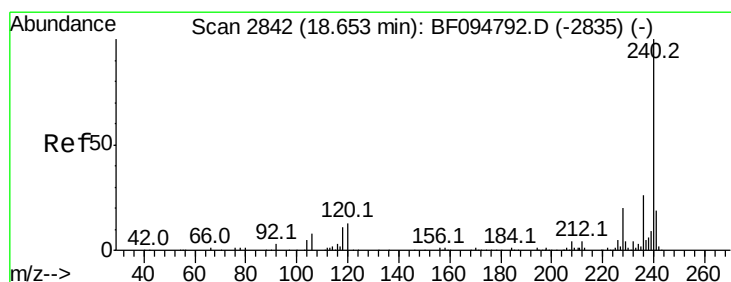
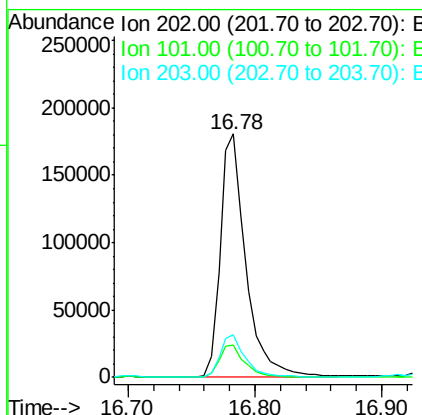
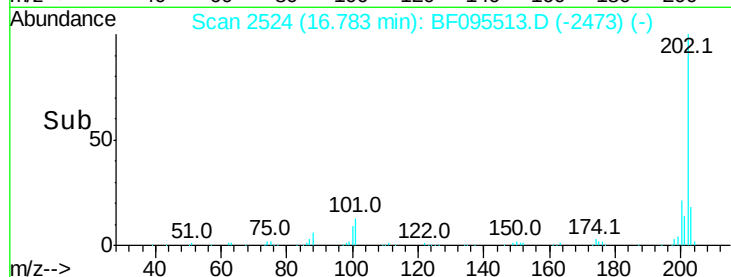
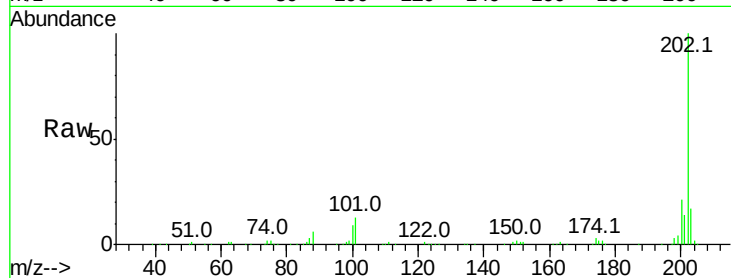
#74
 Fluoranthene
 Concen: 16.38 ng
 RT: 16.78 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: BF095513.D
 Acq: 27 May 2017 23:57

Instrument :
 BNA_F
 ClientSampleId :
 NM6-COMP-6-18

Tot Ion	Ratio	Resp	Lower	Upper
202	100	254191		
101	13.4	0.0	33.2	
203	17.5	0.0	38.1	

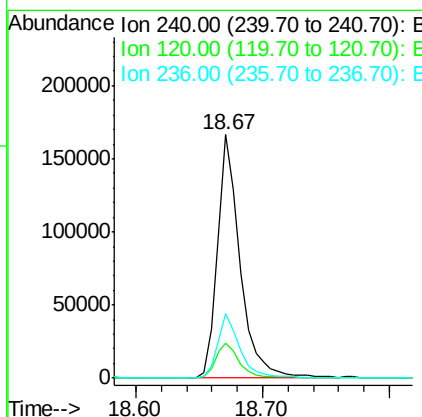
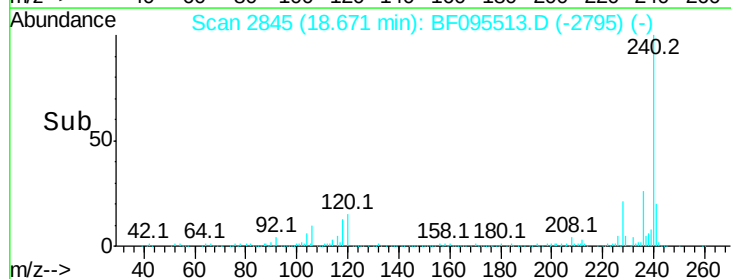
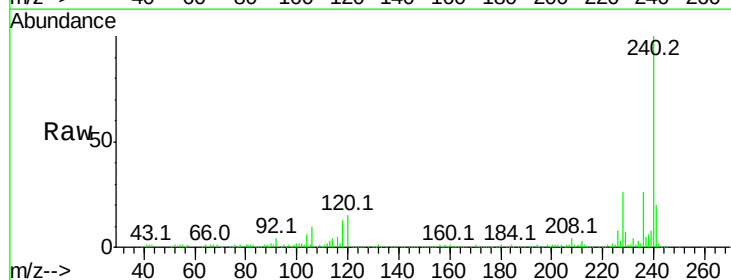
Manual Integrations
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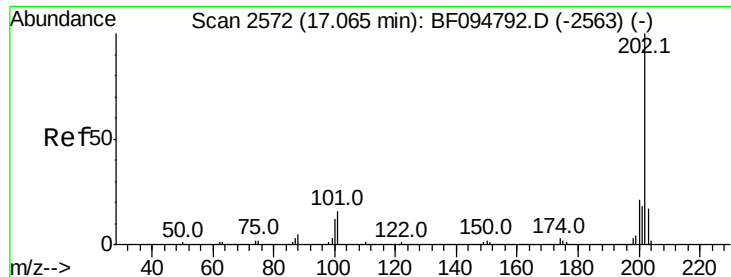
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095513.D
 Acq: 27 May 2017 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	209538		
120	14.5	5.8	8.8#	
236	26.3	20.5	30.7	





#77

Pvrene

Concen: 16.13 ng

RT: 17.08 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF095513.D

Acq: 27 May 2017 23:57

Instrument :

BNA_F

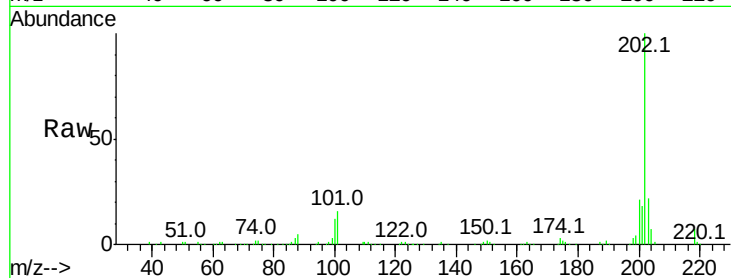
ClientSampleId :

NM6-COMP-6-18

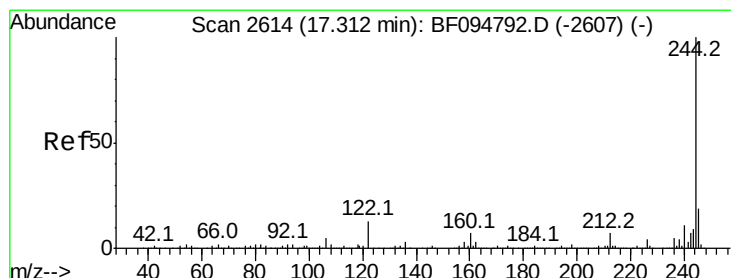
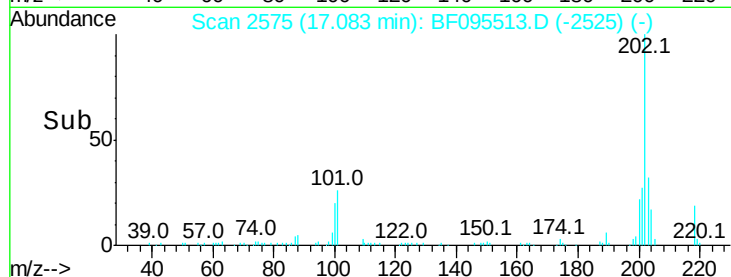
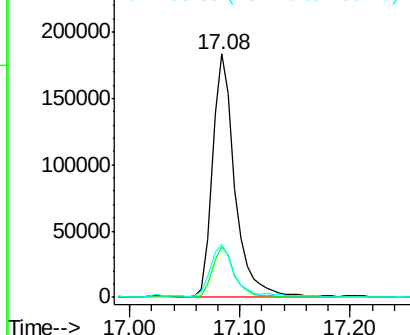
Tot Ion:	202	Resp:	252800
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.6	26.4
203	21.9	14.4	21.6

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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: 54.56 ng

RT: 17.31 min Scan# 2614

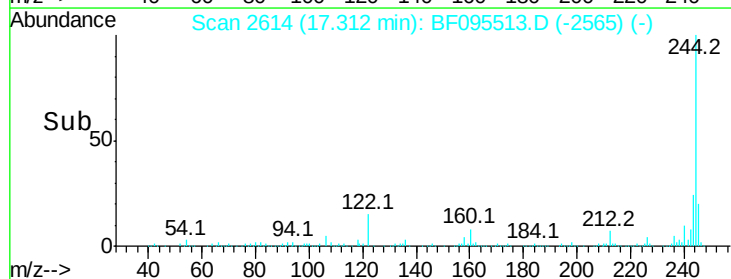
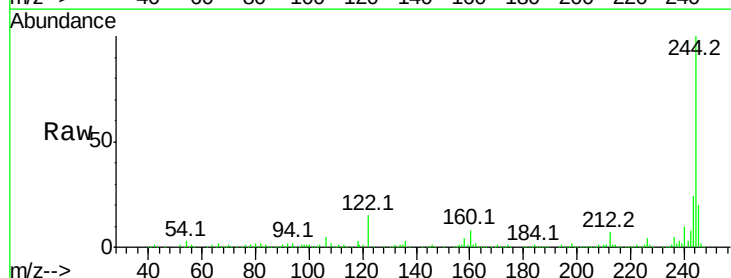
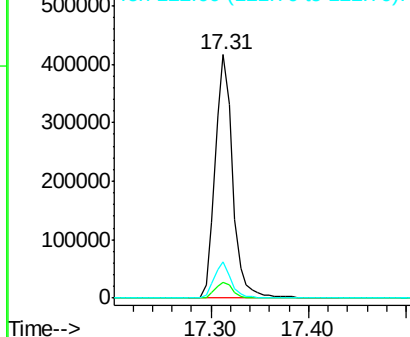
Delta R.T. -0.01 min

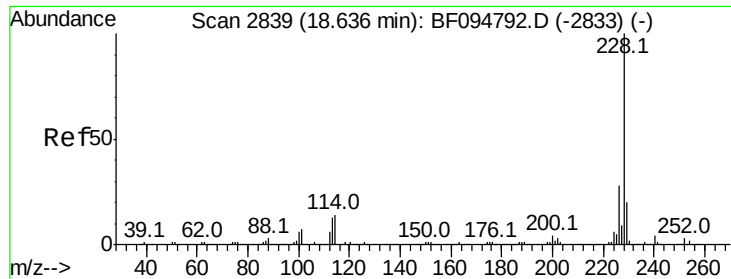
Lab File: BF095513.D

Acq: 27 May 2017 23:57

Tgt Ion:	244	Resp:	519039
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.0	9.0
122	14.8	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





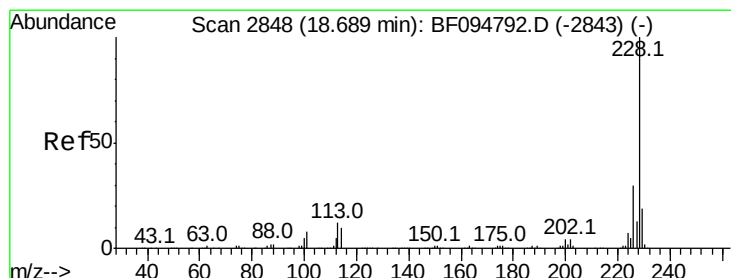
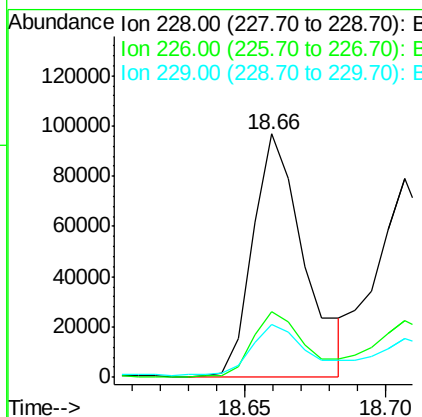
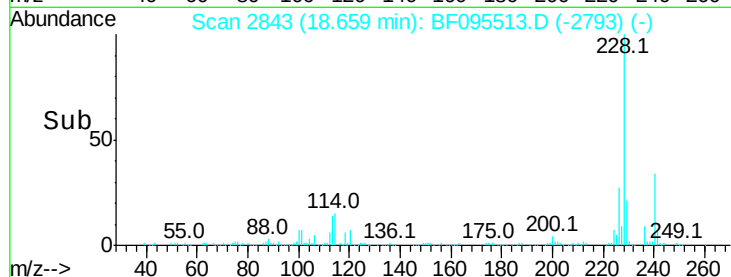
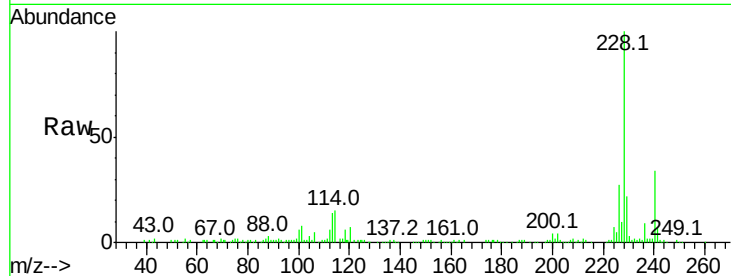
#80
Benzo(a)anthracene
Concen: 10.03 ng
RT: 18.66 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-6-18

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	21.6	16.3	24.5

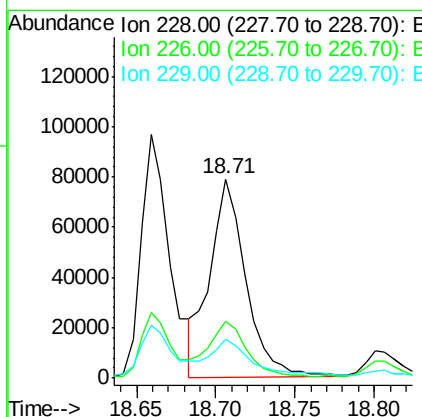
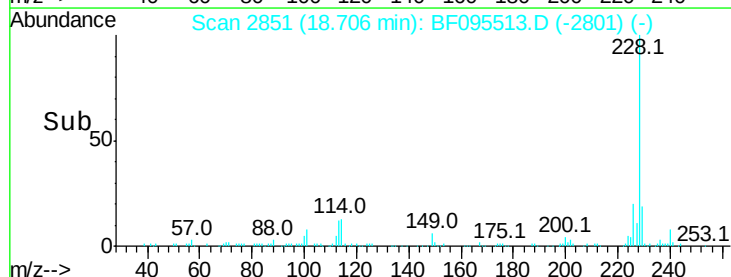
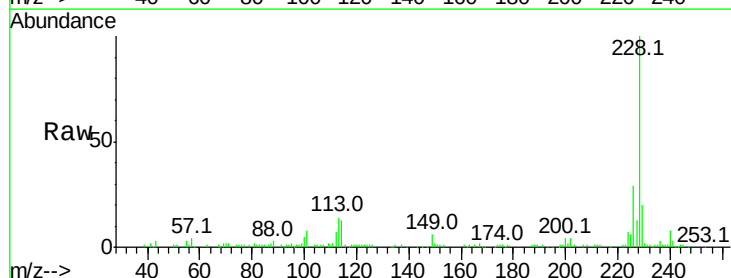
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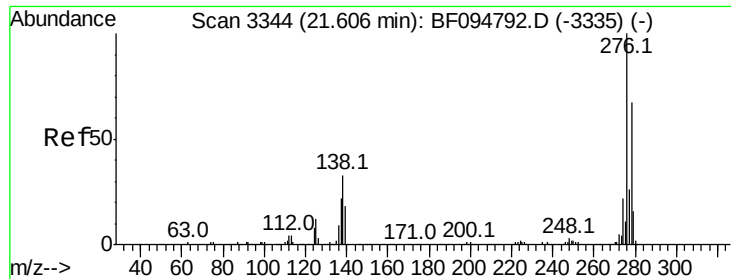
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#82
Chrysene
Concen: 10.69 ng
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.9	37.3
229	19.6	15.8	23.6





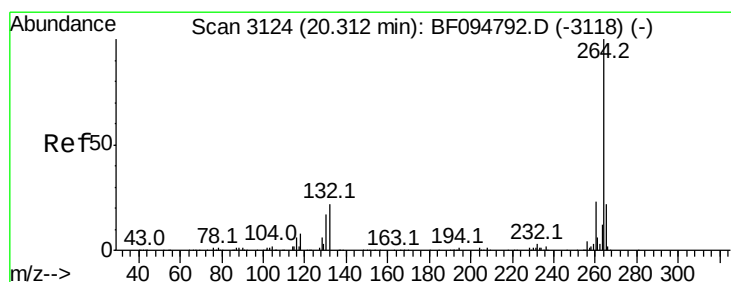
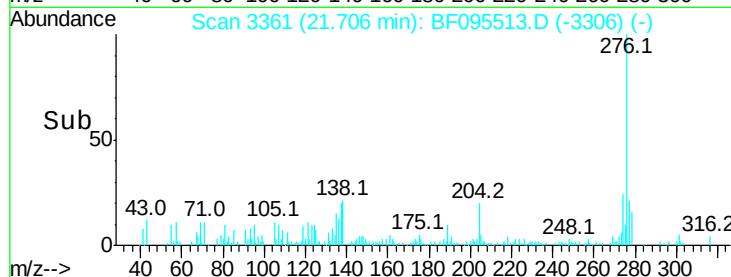
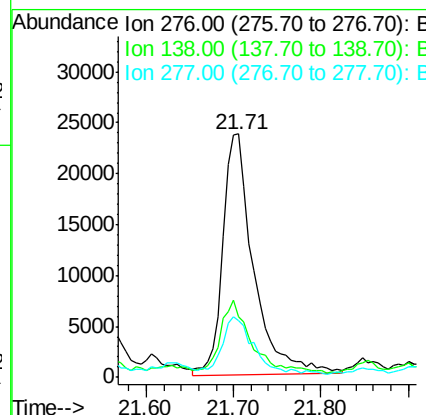
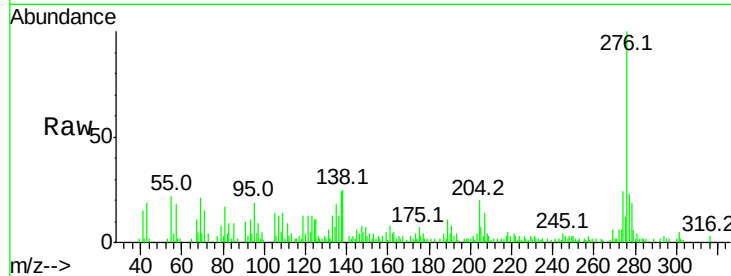
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.97 ng
RT: 21.71 min Scan# 3361
Delta R.T. 0.02 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-6-18

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	27.8	41.6
277	23.5	20.2	30.4

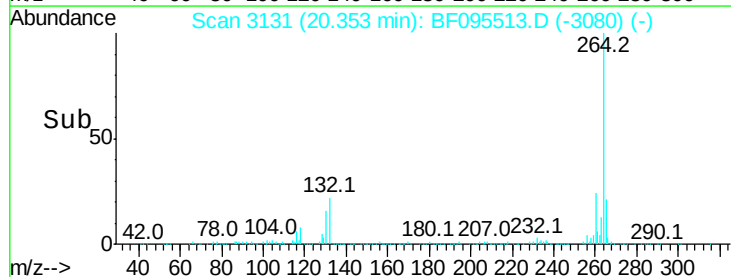
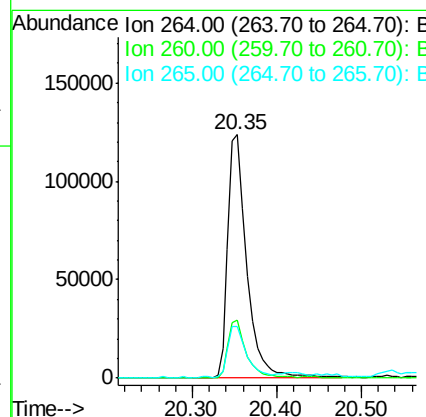
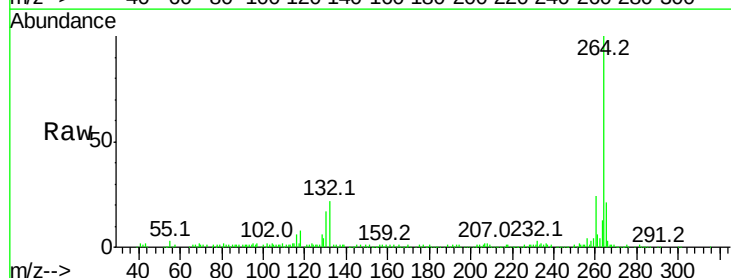
Manual Integrations
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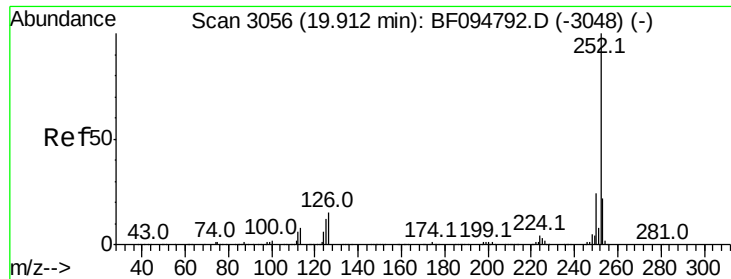
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BF095513.D
Acq: 27 May 2017 23:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 12.64 ng m

RT: 19.95 min Scan# 3062

Delta R.T. 0.01 min

Lab File: BF095513.D

Acq: 27 May 2017 23:57

Instrument :

BNA_F

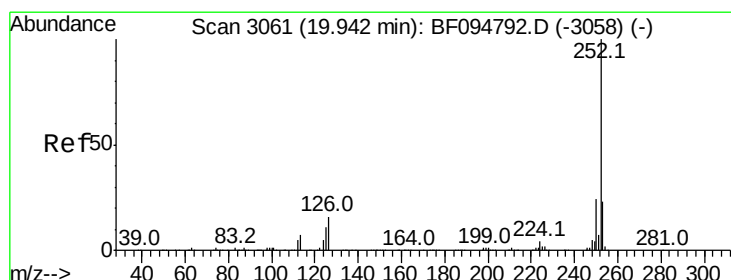
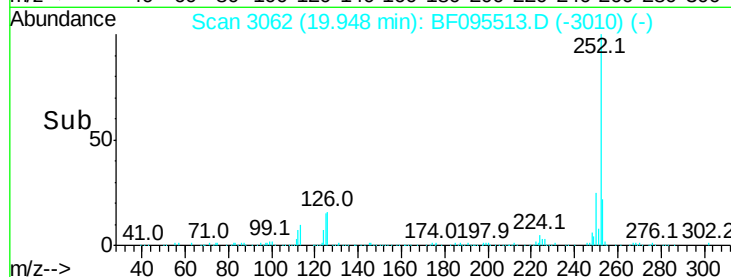
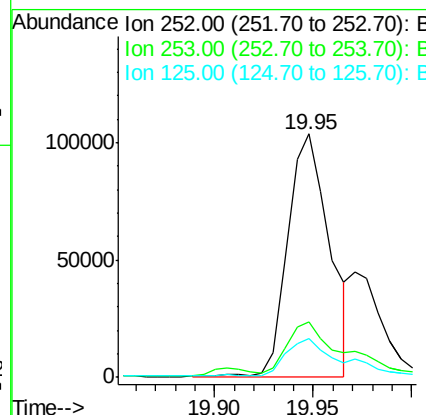
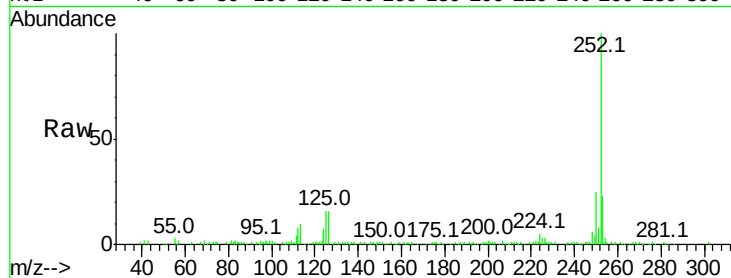
ClientSampleId :

NM6-COMP-6-18

Tot Ion:	252	Resp:	151206
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.1	27.1
125	15.8	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 4.28 ng m

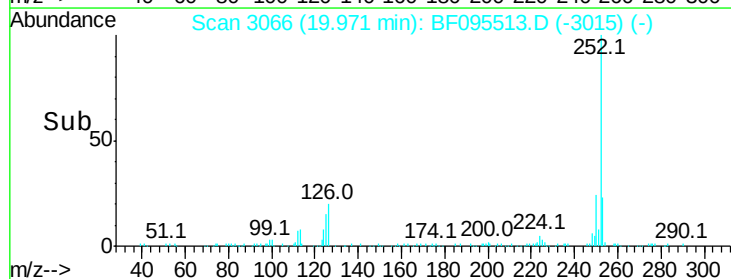
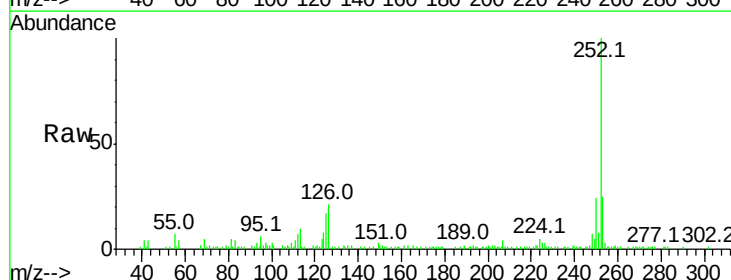
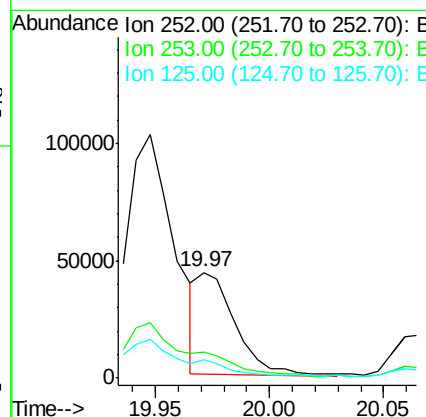
RT: 19.97 min Scan# 3066

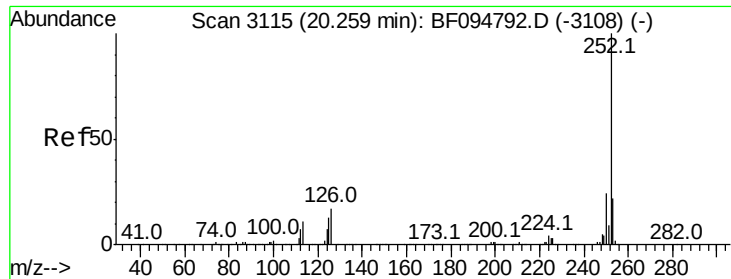
Delta R.T. 0.00 min

Lab File: BF095513.D

Acq: 27 May 2017 23:57

Tgt Ion:	252	Resp:	49432
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.4	27.6
125	16.8	13.1	19.7





#89

Benzo(a)pyrene

Concen: 9.49 ng

RT: 20.29 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BF095513.D

Acq: 27 May 2017 23:57

Instrument :

BNA_F

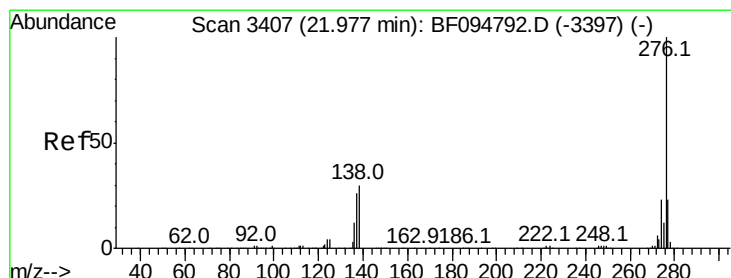
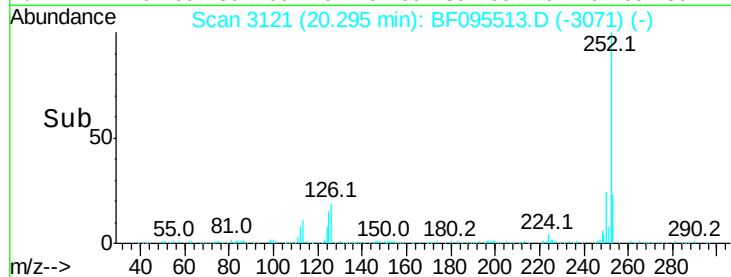
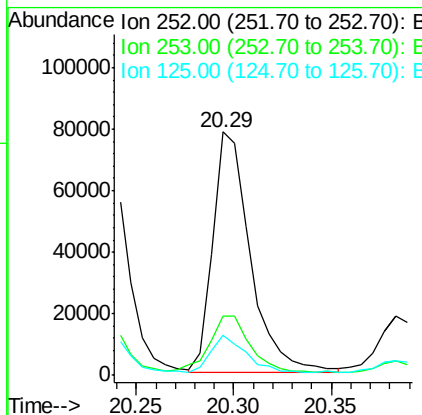
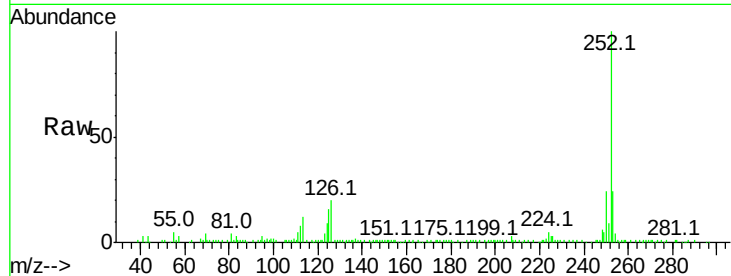
ClientSampled :

NM6-COMP-6-18

Tot Ion:	252	Resp:	104705
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.5	26.3
125	16.3	11.0	16.4

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 5.99 ng

RT: 22.09 min Scan# 3427

Delta R.T. 0.02 min

Lab File: BF095513.D

Acq: 27 May 2017 23:57

Tgt Ion:	276	Resp:	53583
Ion Ratio	Lower	Upper	
276	100		
277	28.4	18.6	28.0#
138	32.5	25.4	38.0

