

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095201.D
 Acq On : 17 May 2017 23:52
 Operator : SJ/MA
 Sample : I3172-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-04

Manual Integrations
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Quant Time: May 18 09:14:44 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 04:48:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	78766	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	360571	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	163817	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	272067	20.00	ng	0.00
75) Chrysene-d12	18.69	240	183919	20.00	ng	0.00
86) Perylene-d12	20.37	264	175045	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	530867	112.37	ng	0.00
7) Phenol-d6	7.31	99	706348	124.61	ng	0.00
23) Nitrobenzene-d5	8.67	82	410919	71.86	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	137539	102.52	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	805165	70.74	ng	0.00
78) Terphenyl-d14	17.34	244	503182	60.26	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.26	163	108014	8.03	ng	99
74) Fluoranthene	16.81	202	60027	3.74	ng	97
77) Pyrene	17.11	202	58714	4.27	ng	96
80) Benzo(a)anthracene	18.68	228	55717	5.21	ng	98
82) Chrysene	18.73	228	71641	6.92	ng	96
85) Indeno(1,2,3-cd)pyrene	21.71	276	71220	8.47	ng	92
87) Benzo(b)fluoranthene	19.97	252	138445m	12.80	ng	
88) Benzo(k)fluoranthene	19.99	252	43104m	4.13	ng	
89) Benzo(a)pyrene	20.31	252	90469	9.06	ng	93
91) Benzo(g,h,i)perylene	22.09	276	64634	7.99	ng	93

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

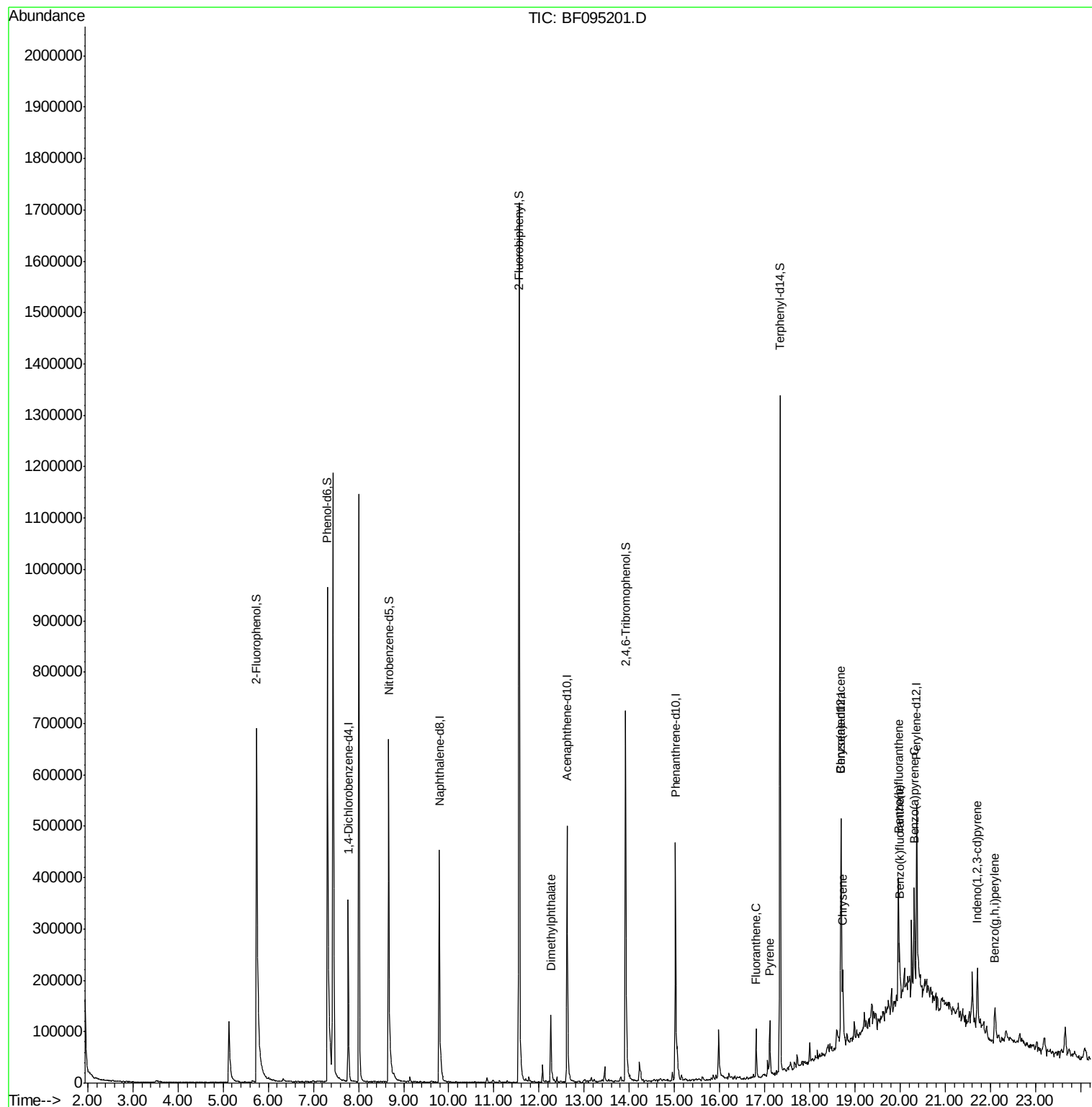
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095201.D
Acq On : 17 May 2017 23:52
Operator : SJ/MA
Sample : I3172-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

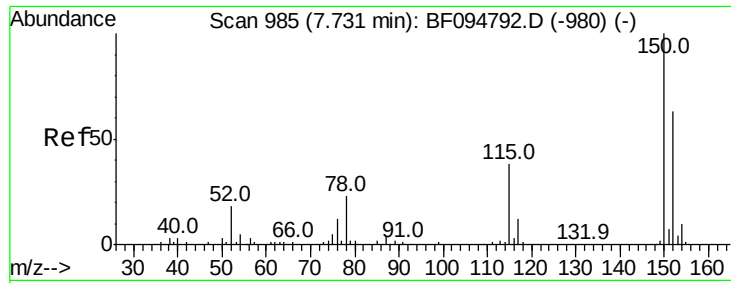
Instrument :
BNA_F
ClientSampleId :
SS-04

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#1

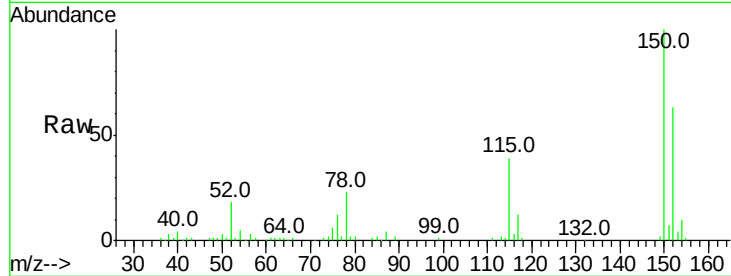
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampled :
SS-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	61.1	52.2	78.2

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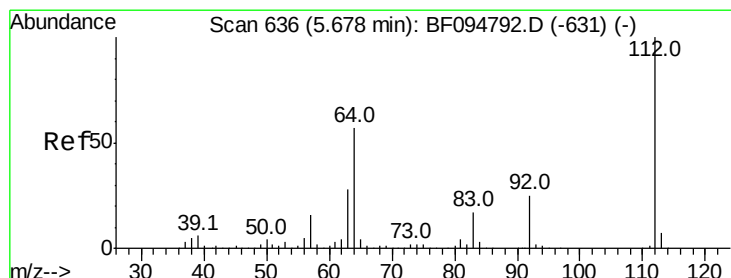
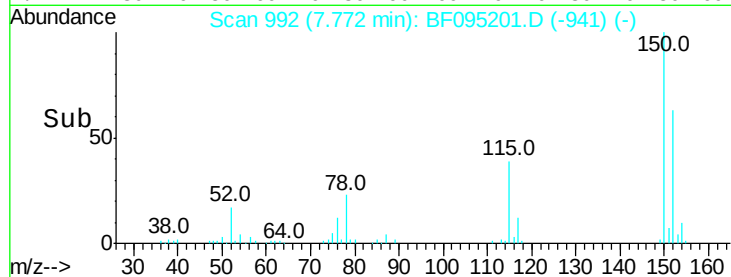
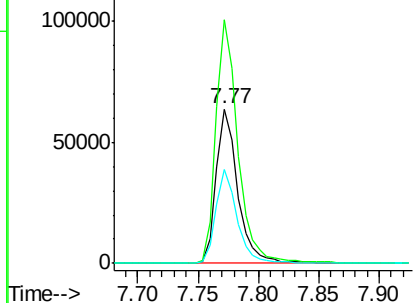


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

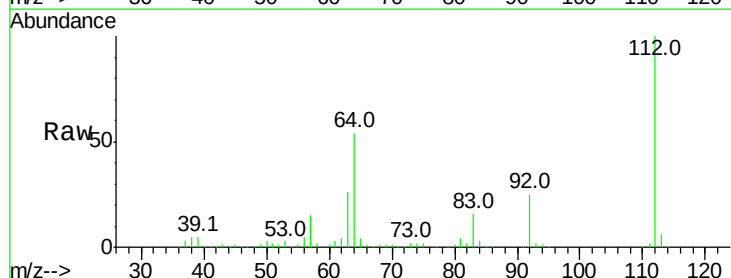
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.37 ng
RT: 5.74 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.0	69.0
63	26.1	23.4	35.0

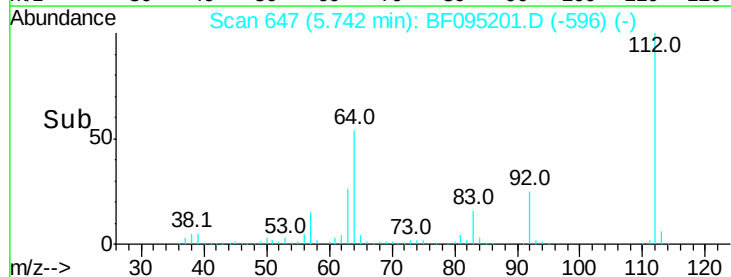
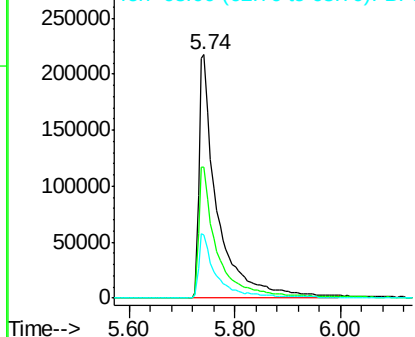


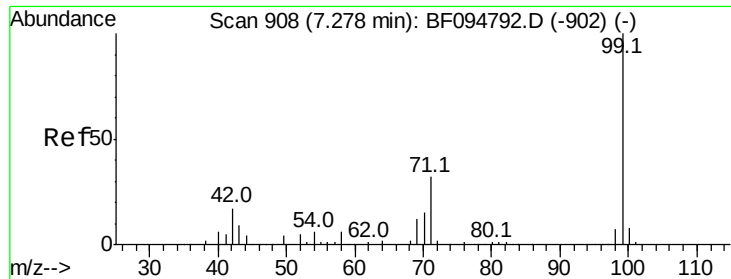
Abundance

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: 124.61 ng

RT: 7.31 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF095201.D

Acq: 17 May 2017 23:52

Instrument :

BNA_F

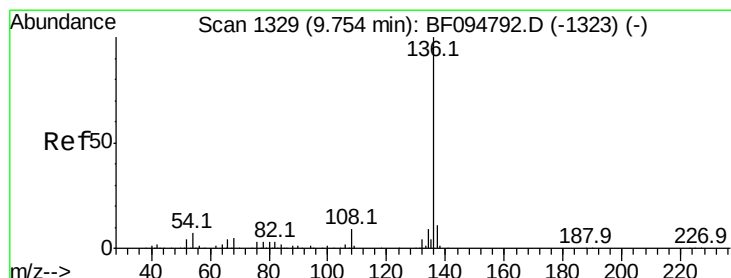
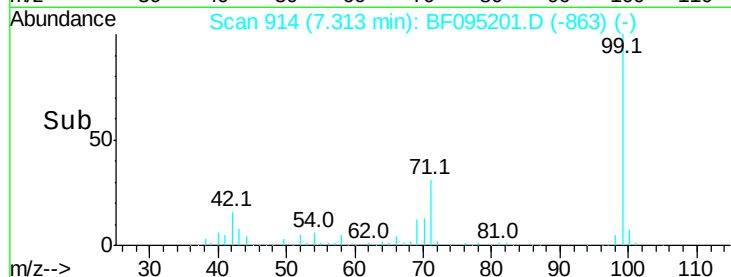
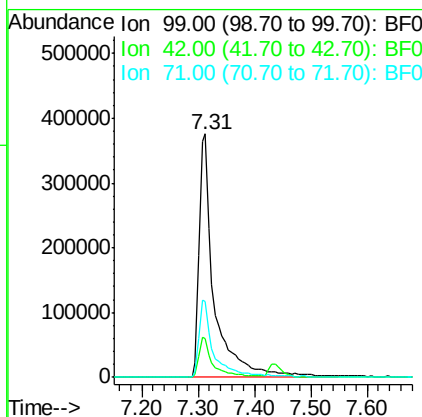
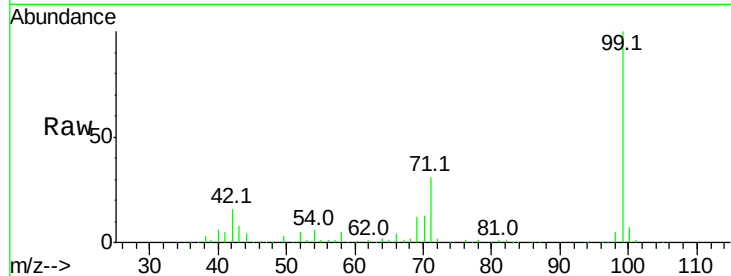
ClientSampled :

SS-04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		706348		
42	15.8	13.5	20.3		
71	31.4	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

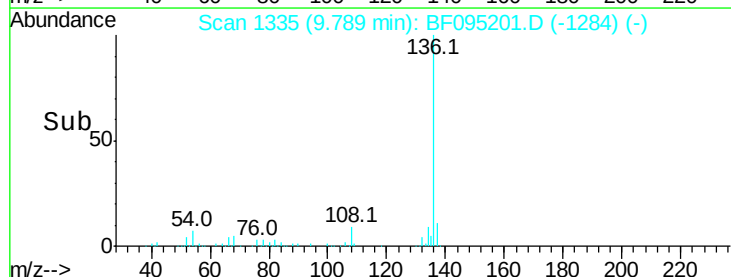
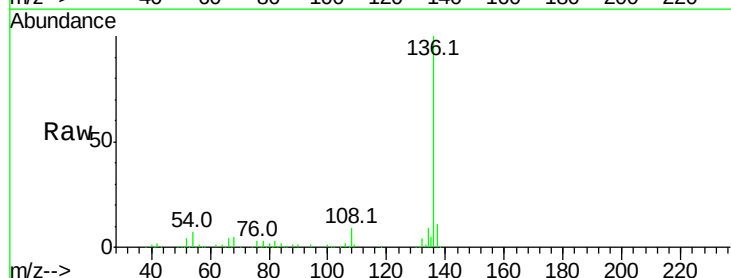
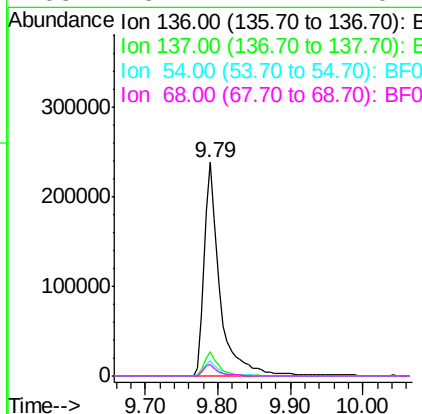
RT: 9.79 min Scan# 1335

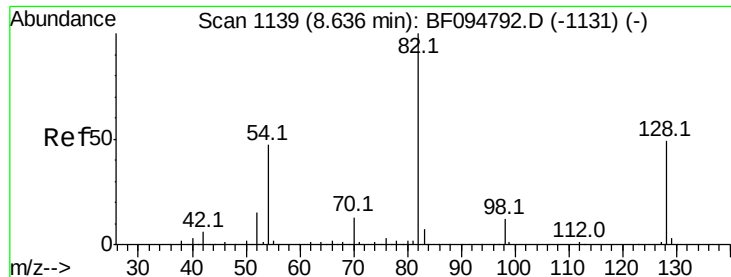
Delta R.T. -0.00 min

Lab File: BF095201.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		360571		
137	11.2	8.5	12.7		
54	7.0	4.9	7.3		
68	5.2	4.1	6.1		





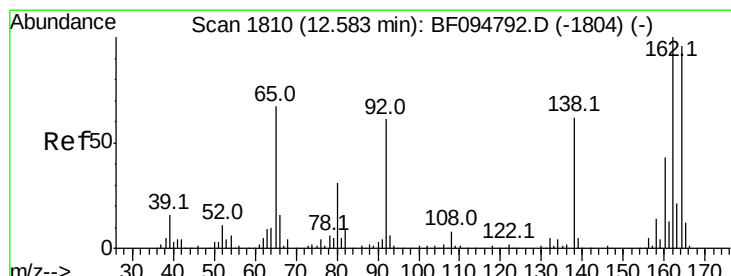
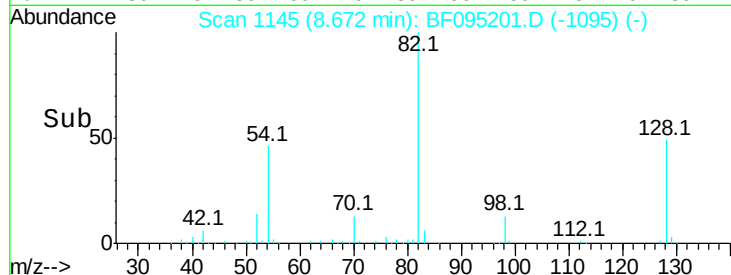
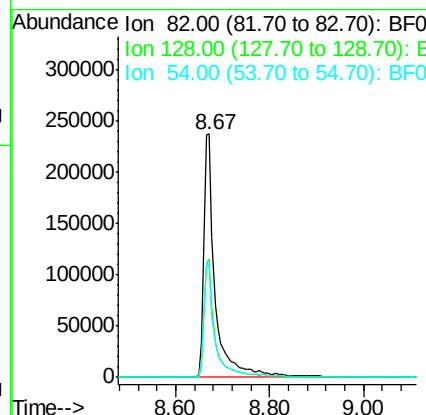
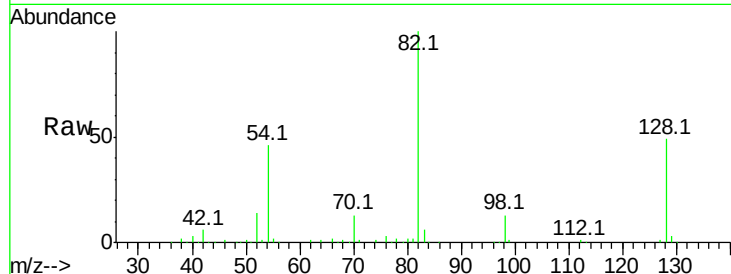
#23
 Nitrobenzene-d5
 Concen: 71.86 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF095201.D
 Acq: 17 May 2017 23:52

Instrument :
 BNA_F
 ClientSampleId :
 SS-04

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.0	51.0
54	45.5	42.2	63.2

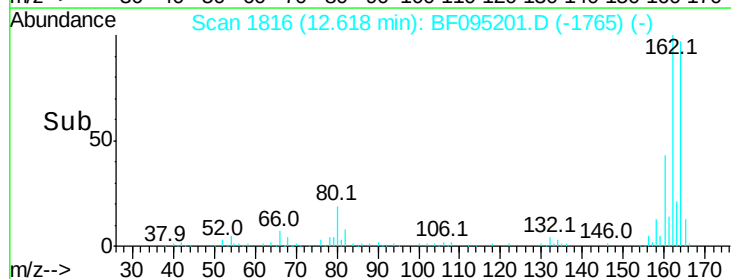
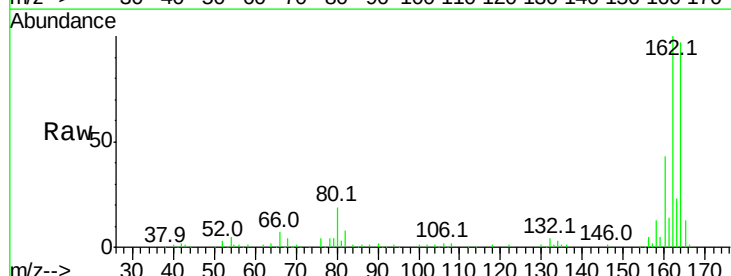
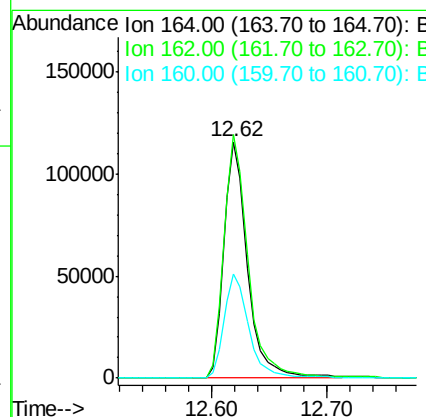
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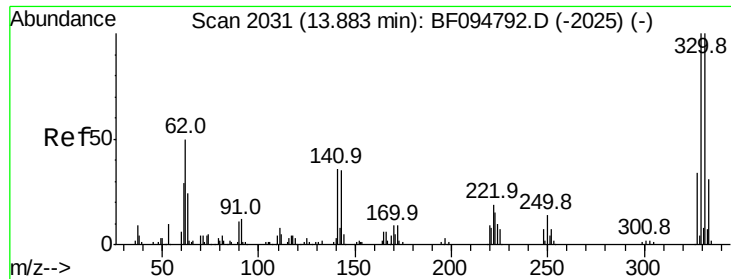
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BF095201.D
 Acq: 17 May 2017 23:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	44.4	36.2	54.2





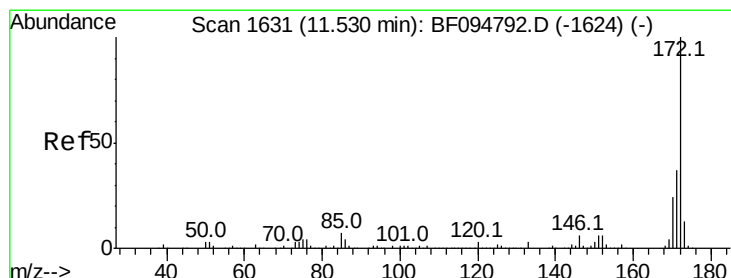
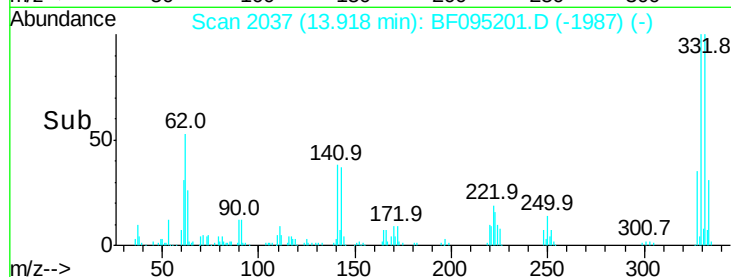
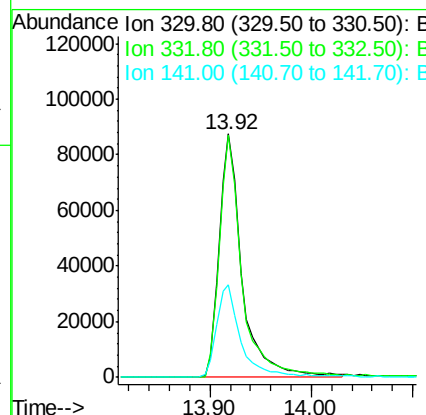
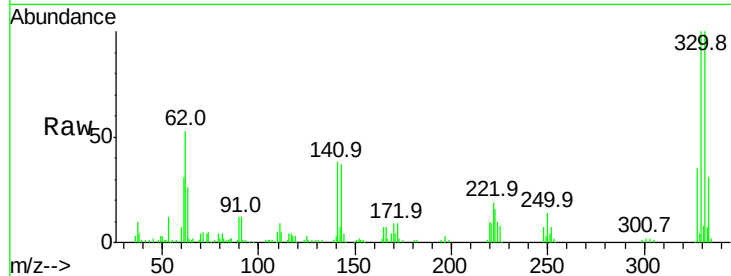
#41
 2,4,6-Tribromophenol
 Concen: 102.52 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF095201.D
 Acq: 17 May 2017 23:52

Instrument :
 BNA_F
 ClientSampled :
 SS-04

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	100.1	76.6	115.0	
141	40.4	31.4	47.2	

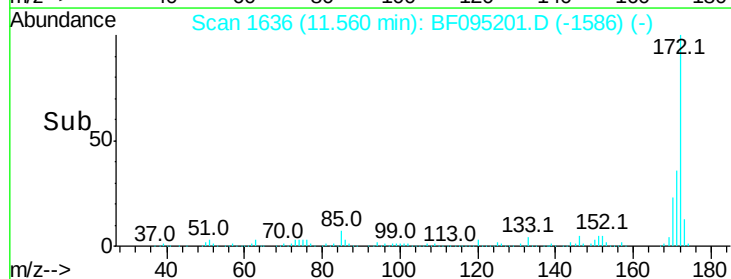
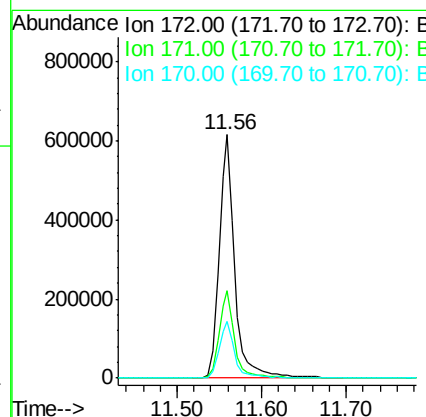
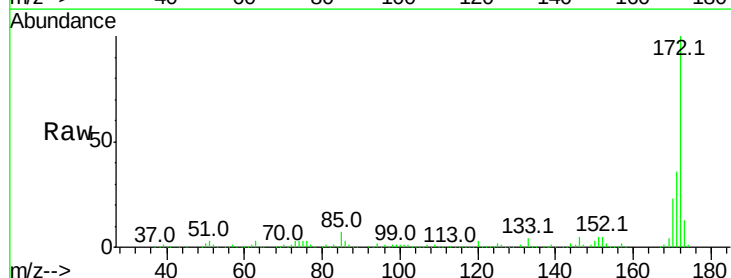
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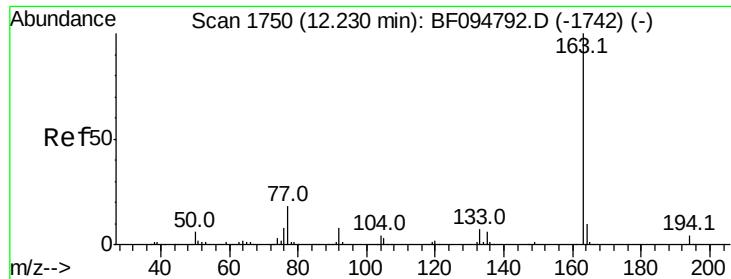
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#44
 2-Fluorobiphenyl
 Concen: 70.74 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF095201.D
 Acq: 17 May 2017 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.6	44.4	
170	23.2	19.8	29.8	





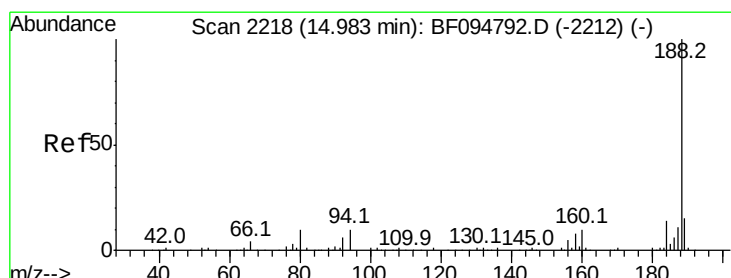
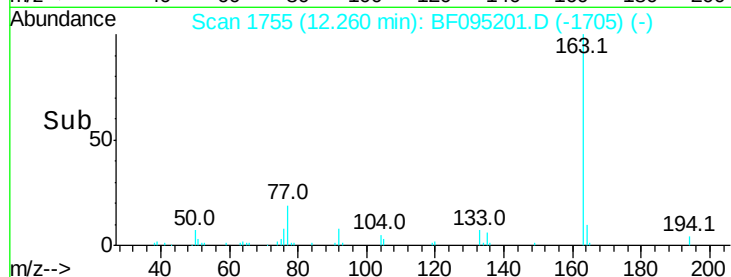
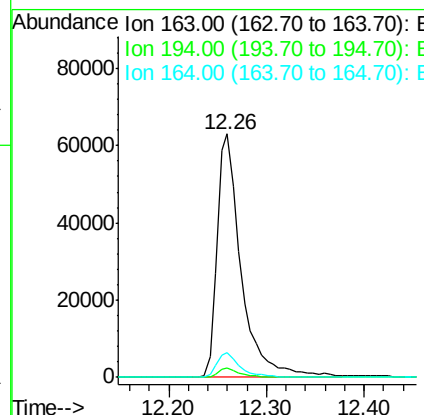
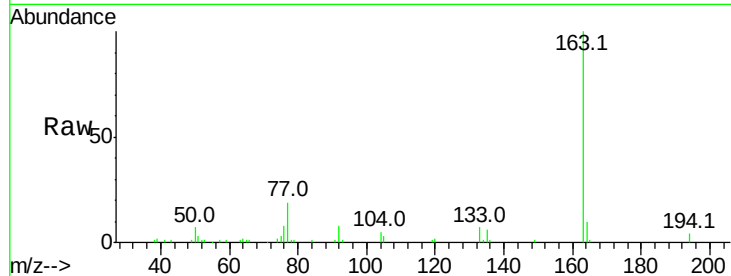
#49
Dimethylphthalate
Concen: 8.03 ng
RT: 12.26 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :
SS-04

Tot Ion	Ratio	Resp	Lower	Upper
163	100	108014		
194	3.6		2.6	4.0
164	10.1		8.4	12.6

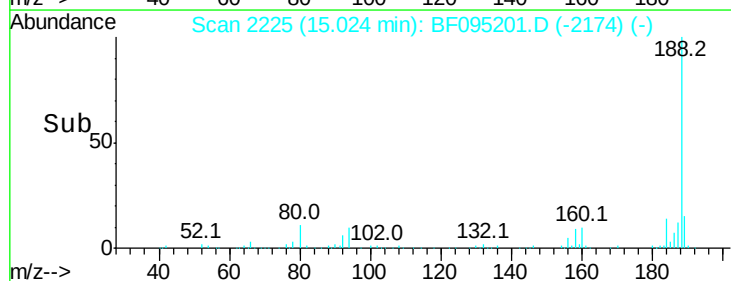
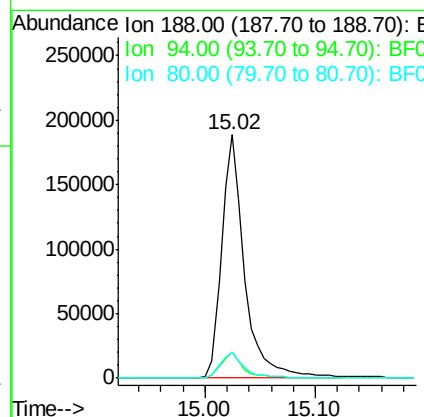
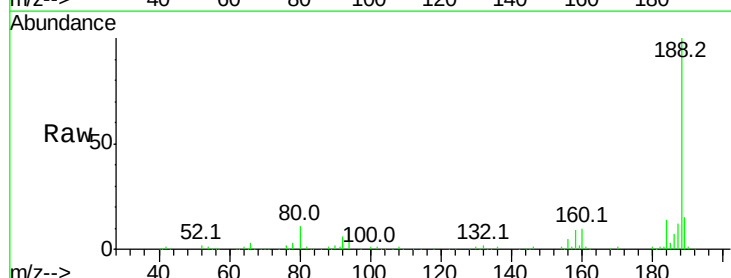
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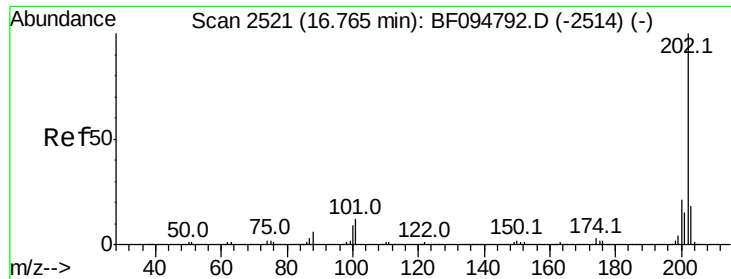
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	272067		
94	10.4		9.4	14.2
80	10.7		10.2	15.2





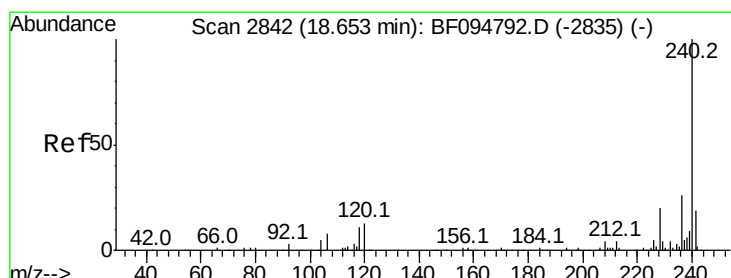
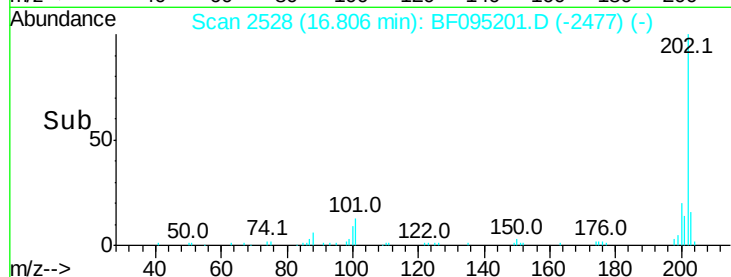
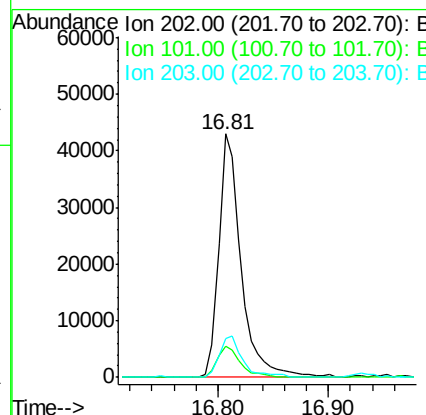
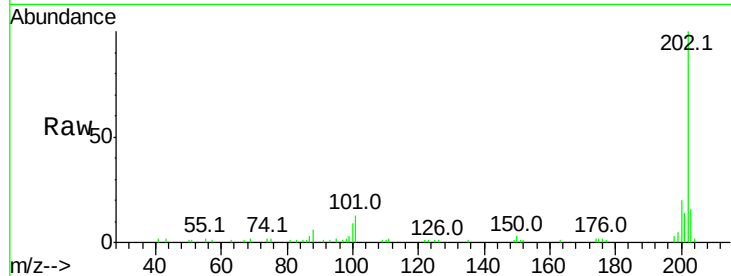
#74
 Fluoranthene
 Concen: 3.74 ng
 RT: 16.81 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BF095201.D
 Acq: 17 May 2017 23:52

Instrument :
 BNA_F
 ClientSampled :
 SS-04

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	0.0	33.2
203	15.8	0.0	38.1

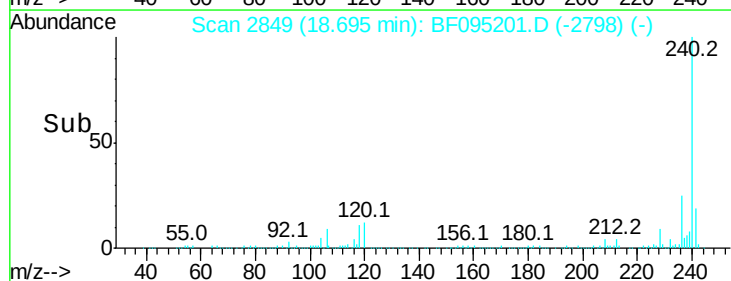
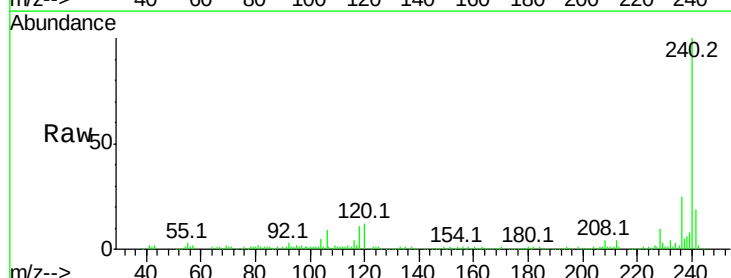
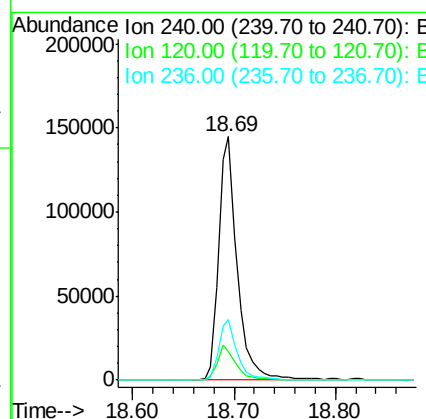
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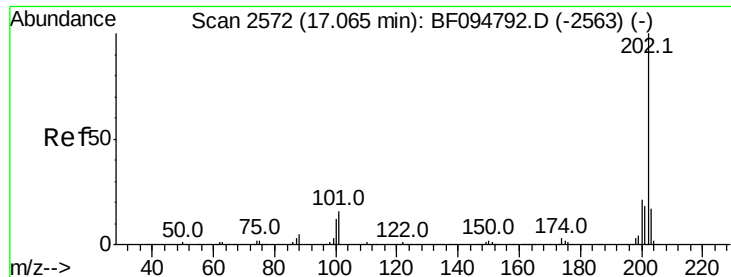
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BF095201.D
 Acq: 17 May 2017 23:52

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.8	5.8	8.8#
236	24.7	20.5	30.7





#77

Pvrene

Concen: 4.27 ng

RT: 17.11 min Scan# 2580

Delta R.T. 0.01 min

Lab File: BF095201.D

Acq: 17 May 2017 23:52

Instrument :

BNA_F

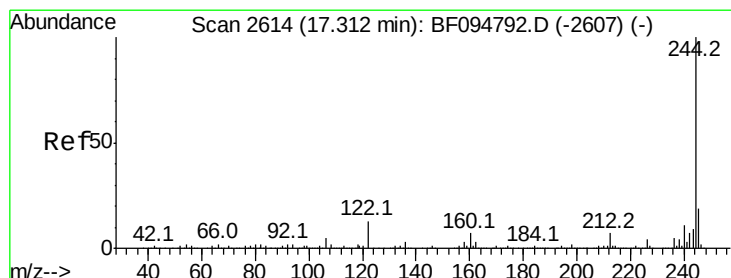
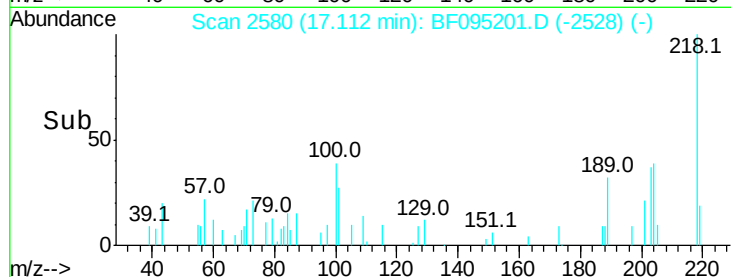
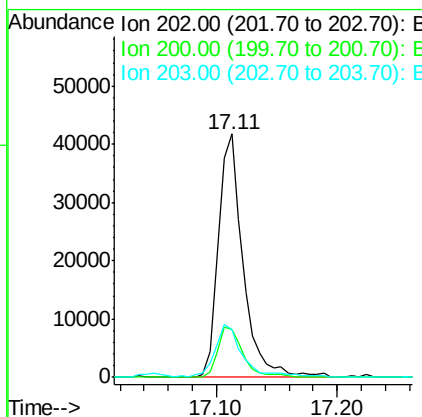
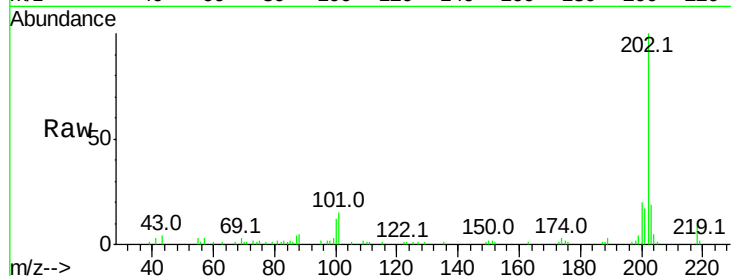
ClientSampled :

SS-04

Tot Ion:	202	Resp:	58714
Ion Ratio	Lower	Upper	
202	100		
200	19.9	17.6	26.4
203	19.4	14.4	21.6

Manual Integrations
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#78

Terphenyl-d14

Concen: 60.26 ng

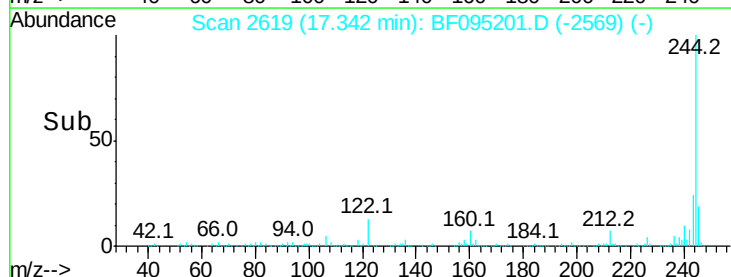
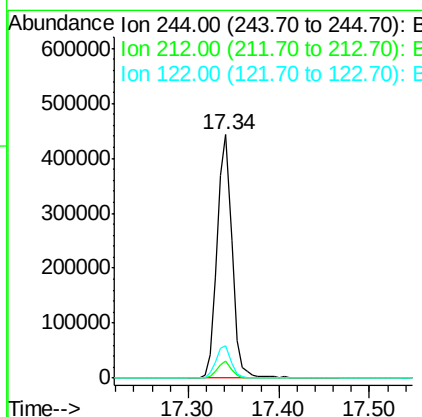
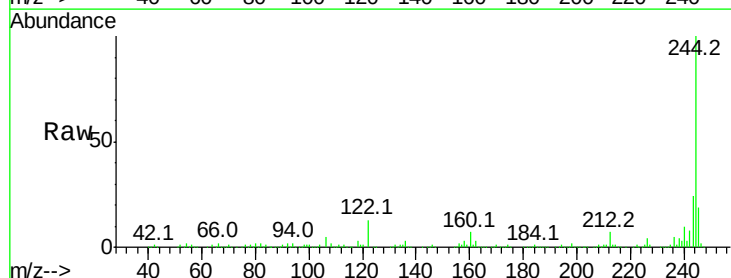
RT: 17.34 min Scan# 2619

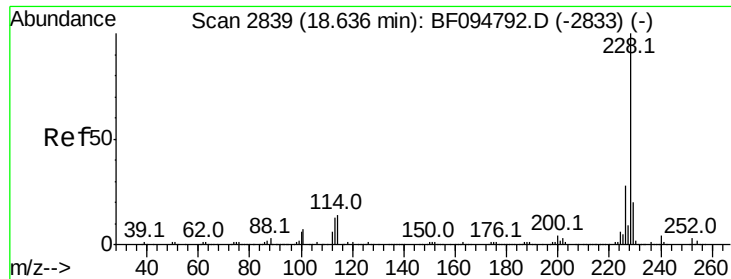
Delta R.T. -0.01 min

Lab File: BF095201.D

Acq: 17 May 2017 23:52

Tgt Ion:	244	Resp:	503182
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	13.2	10.3	15.5





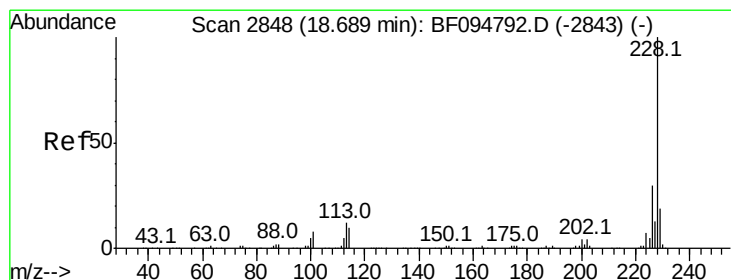
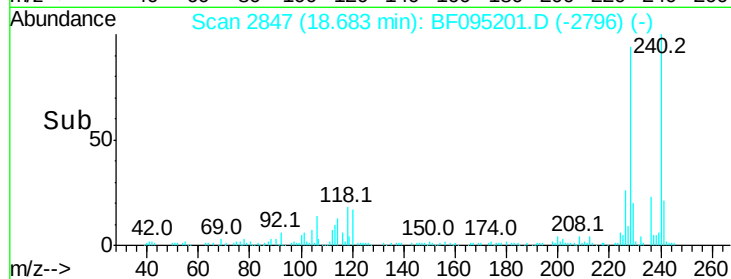
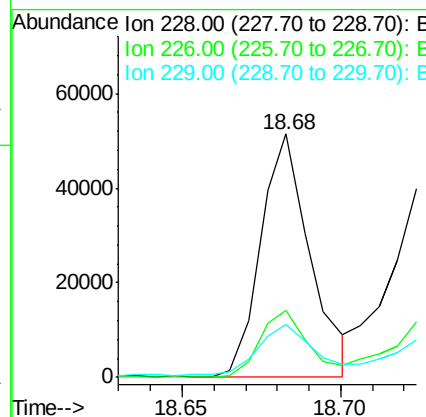
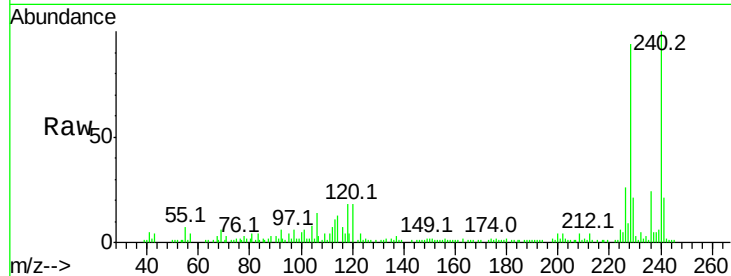
#80
Benzo(a)anthracene
Concen: 5.21 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :
SS-04

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	21.9	16.3	24.5

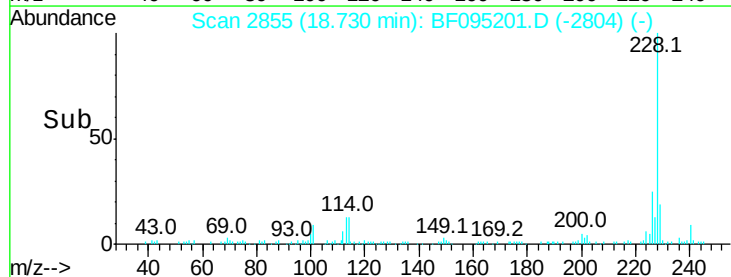
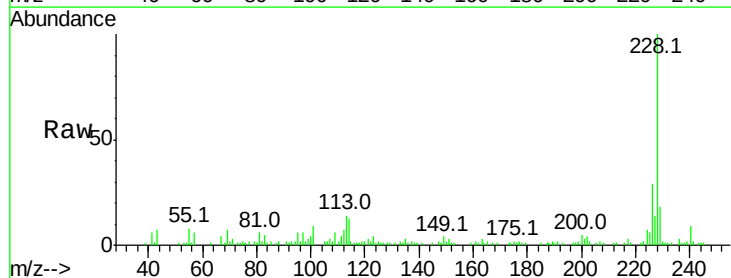
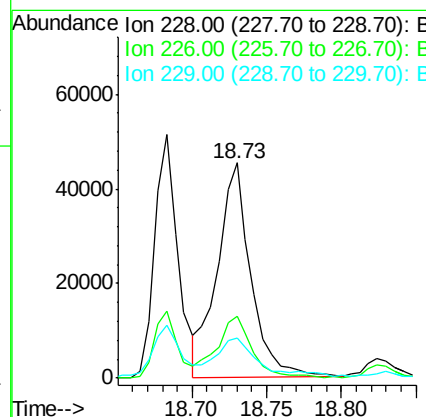
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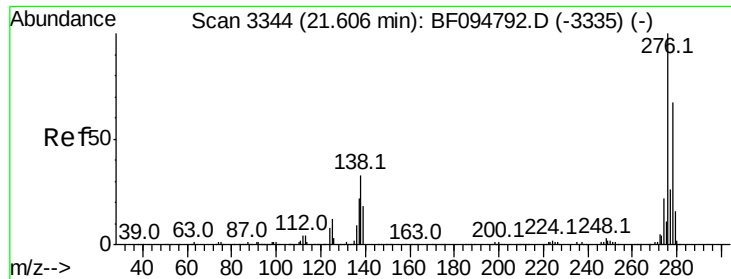
mohammad
5/18/2017 2:29:42 PM



#82
Chrysene
Concen: 6.92 ng
RT: 18.73 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.9	37.3
229	18.5	15.8	23.6





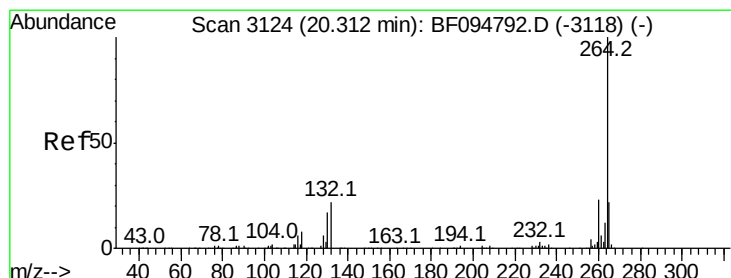
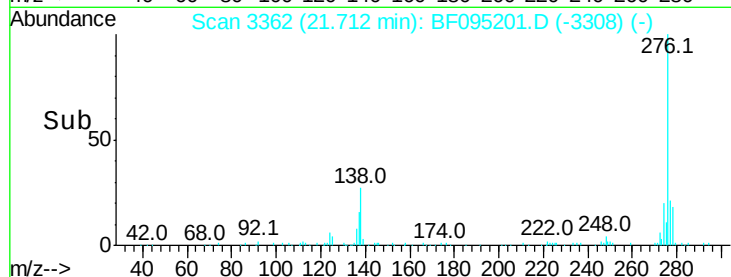
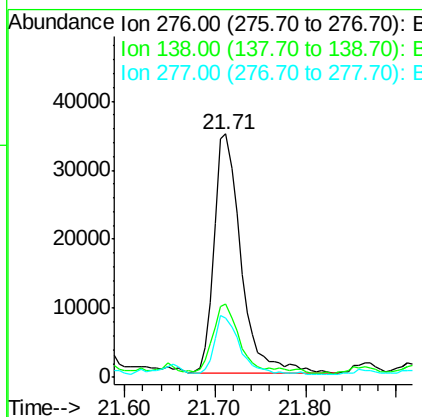
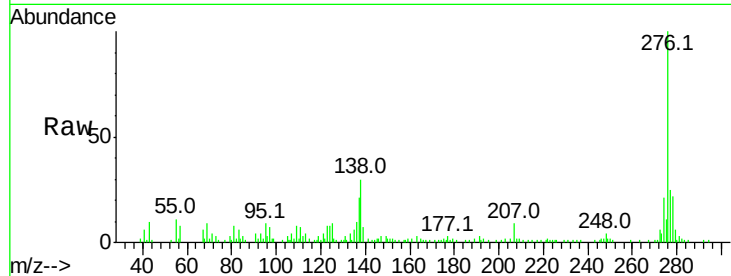
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.47 ng
RT: 21.71 min Scan# 3362
Delta R.T. 0.02 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :
SS-04

Tot Ion:	276	Resp:	71220
Ion Ratio	Lower	Upper	
276	100		
138	27.8	27.8	41.6
277	24.6	20.2	30.4

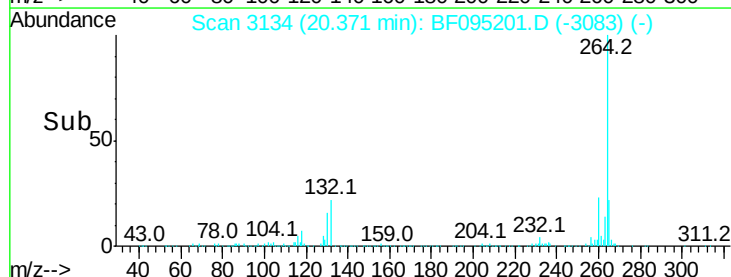
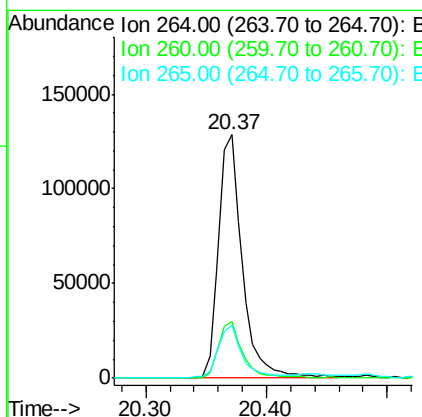
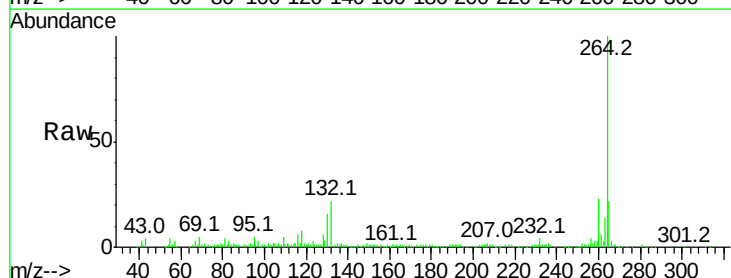
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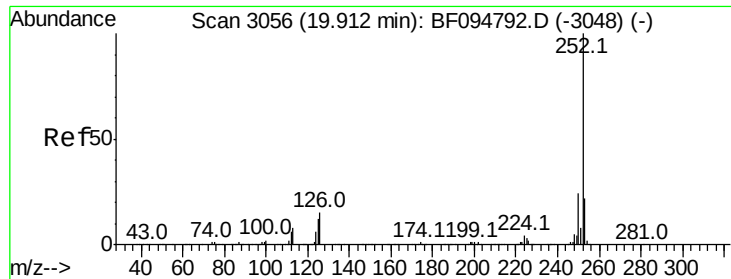
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion:	264	Resp:	175045
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.5	29.3
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 12.80 ng m

RT: 19.97 min Scan# 3065

Delta R.T. 0.01 min

Lab File: BF095201.D

Acq: 17 May 2017 23:52

Instrument :

BNA_F

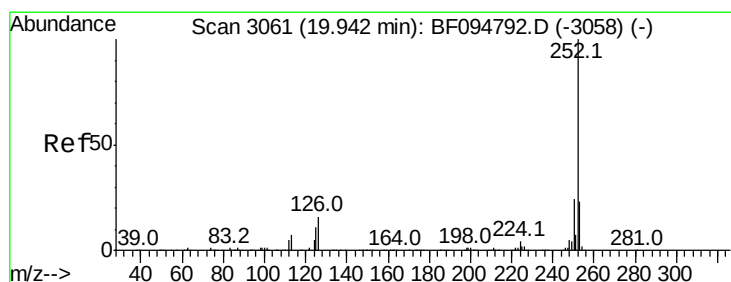
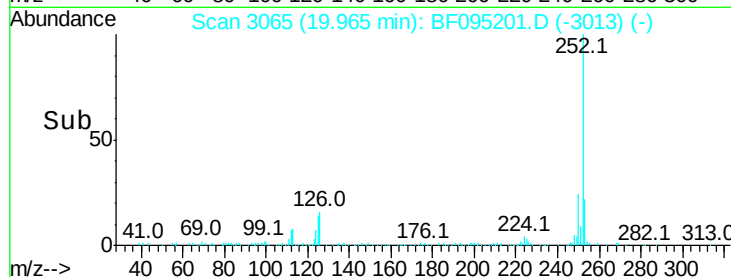
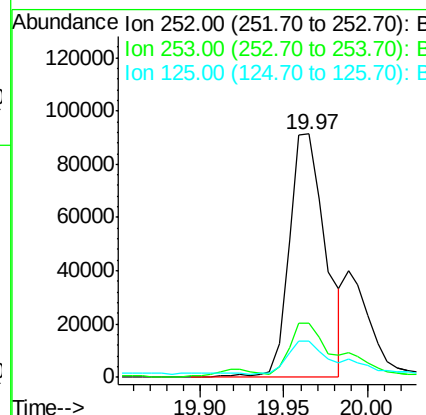
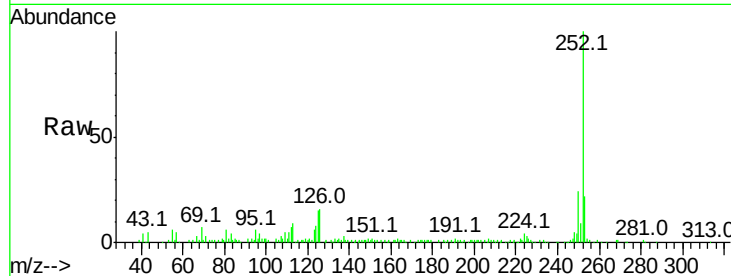
ClientSampleId :

SS-04

Tot Ion:	252	Resp:	138445
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.1	27.1
125	14.9	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 4.13 ng m

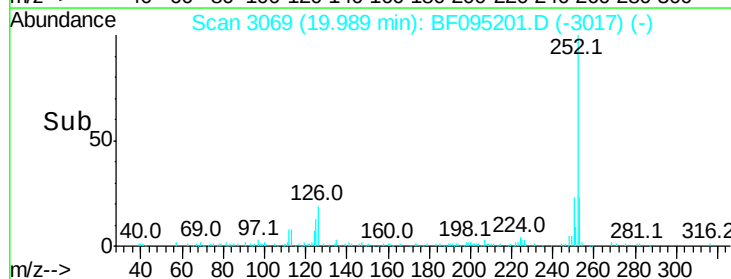
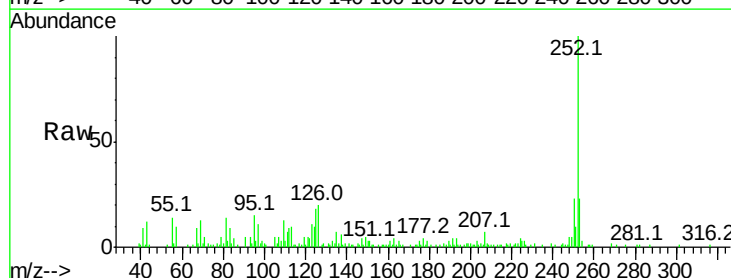
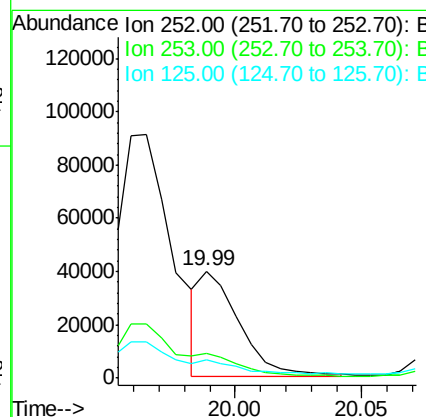
RT: 19.99 min Scan# 3069

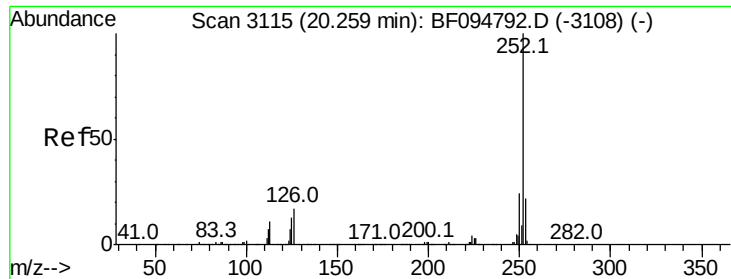
Delta R.T. 0.01 min

Lab File: BF095201.D

Acq: 17 May 2017 23:52

Tgt Ion:	252	Resp:	43104
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.4	27.6
125	17.7	13.1	19.7





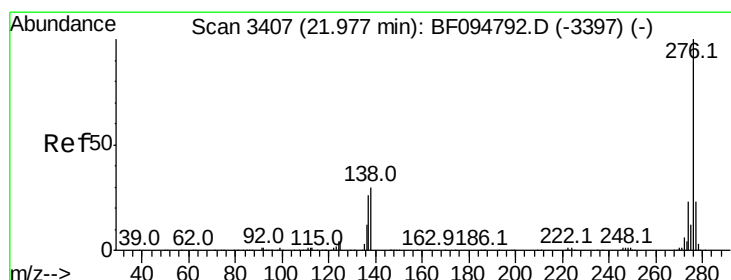
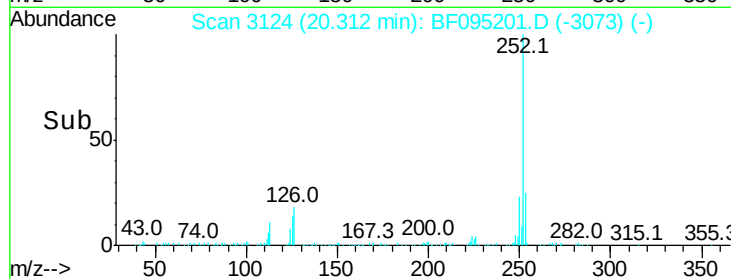
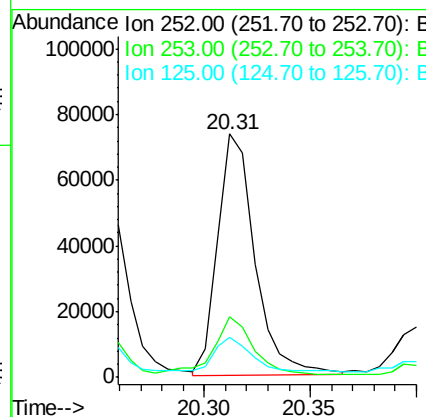
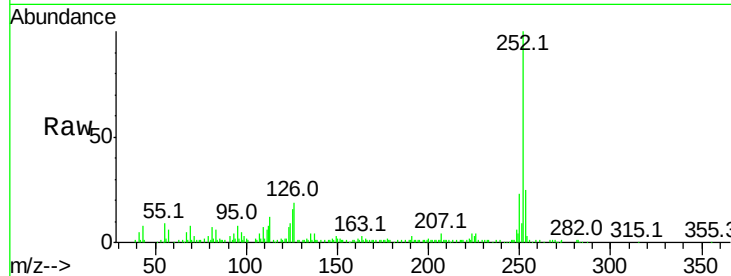
#89
Benzo(a)pyrene
Concen: 9.06 ng
RT: 20.31 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Instrument :
BNA_F
ClientSampled :
SS-04

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	16.2	11.0	16.4

Manual Integrations
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5/18/2017 2:29:42 PM



#91
Benzo(g,h,i)perylene
Concen: 7.99 ng
RT: 22.09 min Scan# 3427
Delta R.T. 0.01 min
Lab File: BF095201.D
Acq: 17 May 2017 23:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.6	28.0
138	27.6	25.4	38.0

