

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
 Data File : BF095550.D
 Acq On : 30 May 2017 23:05
 Operator : SJ/MA
 Sample : I3302-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM12-COMP-6-18

Manual Integrations
 APPROVED

mohammad
 5/31/2017 5:03:01 PM

Quant Time: May 31 04:48:45 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	88981	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	353447	20.00	ng	0.00
38) Acenaphthene-d10	12.60	164	128384	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	216749	20.00	ng	0.00
75) Chrysene-d12	18.67	240	204226	20.00	ng	0.00
86) Perylene-d12	20.35	264	144793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	634384	118.86	ng	0.00
7) Phenol-d6	7.29	99	757038	118.22	ng	0.00
23) Nitrobenzene-d5	8.64	82	412149	73.53	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	118539	112.74	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	756457	84.81	ng	0.00
78) Terphenyl-d14	17.31	244	495583	53.45	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.24	163	120554	11.44	ng	98
70) Phenanthrene	15.04	178	143221	11.50	ng	97
71) Anthracene	15.14	178	37079	2.91	ng	95
74) Fluoranthene	16.78	202	212233	16.61	ng	97
77) Pyrene	17.08	202	181188	11.86	ng	95
80) Benzo(a)anthracene	18.66	228	77192m	6.49	ng	
82) Chrysene	18.71	228	76340	6.64	ng	92
87) Benzo(b)fluoranthene	19.95	252	69302m	7.75	ng	
88) Benzo(k)fluoranthene	19.98	252	26746m	3.10	ng	
89) Benzo(a)pyrene	20.30	252	46280	5.61	ng	93
91) Benzo(g,h,i)perylene	22.09	276	21936	3.28	ng	97

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

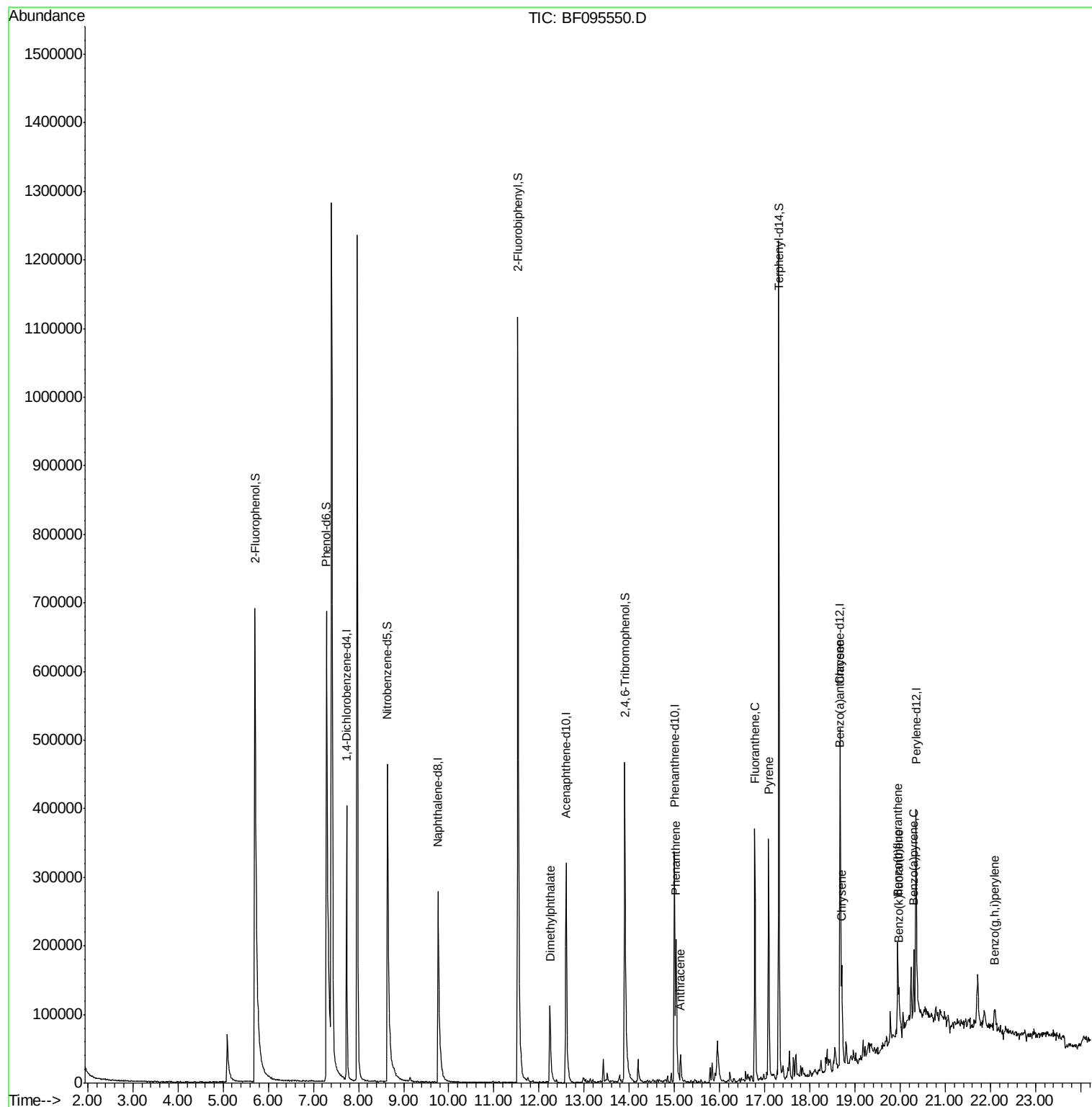
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095550.D
Acq On : 30 May 2017 23:05
Operator : SJ/MA
Sample : I3302-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

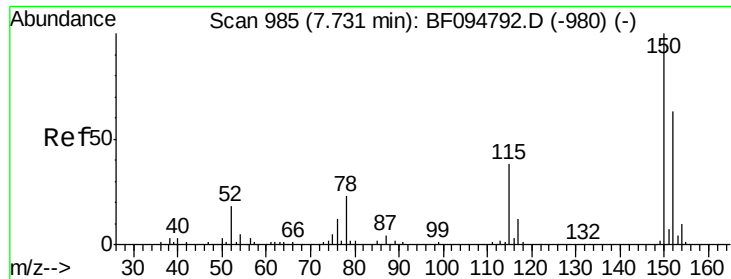
Instrument :
BNA_F
ClientSampleId :
NM12-COMP-6-18

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#1

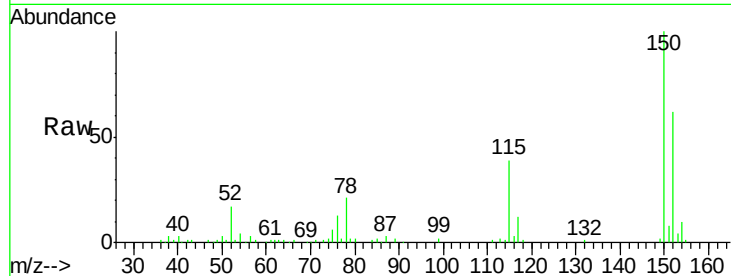
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095550.D
Acq: 30 May 2017 23:05

Instrument :
BNA_F
ClientSampleId :
NM12-COMP-6-18

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	62.2	52.2	78.2

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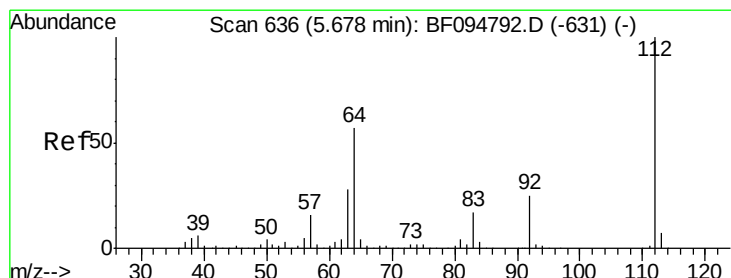
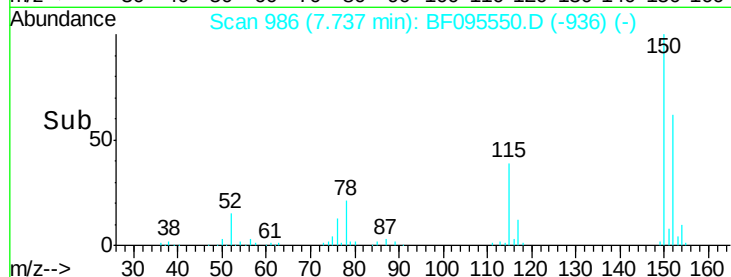
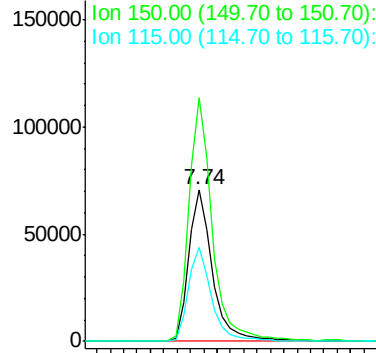


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

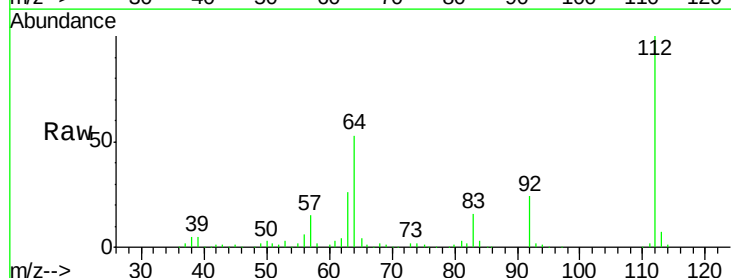
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.86 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF095550.D
Acq: 30 May 2017 23:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	46.0	69.0
63	26.0	23.4	35.0

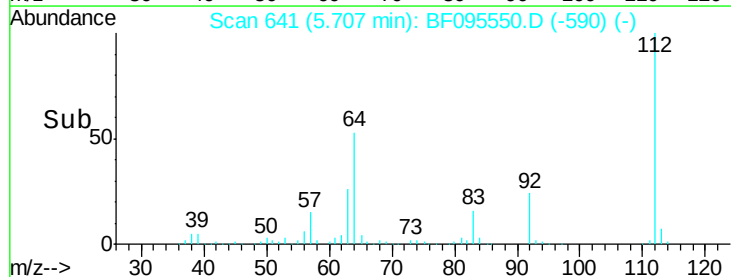
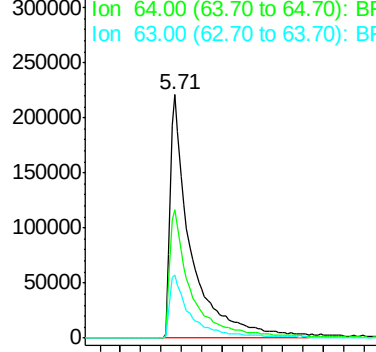


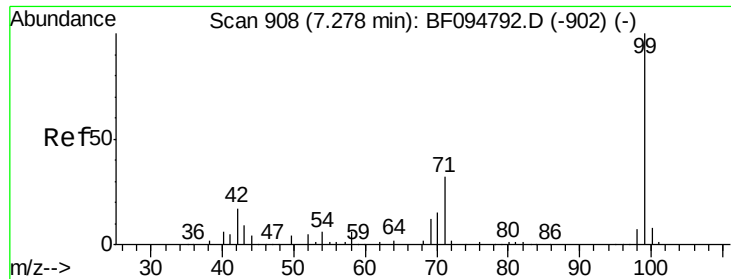
Abundance

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: 118.22 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF095550.D

Acq: 30 May 2017 23:05

Instrument :

BNA_F

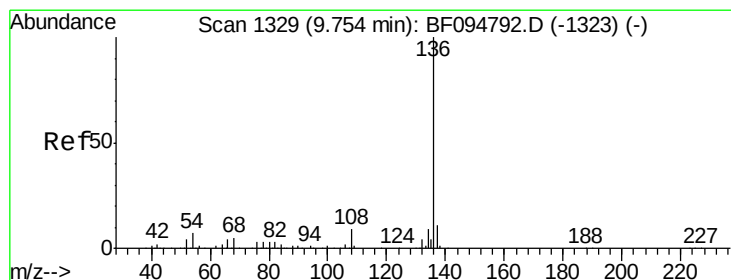
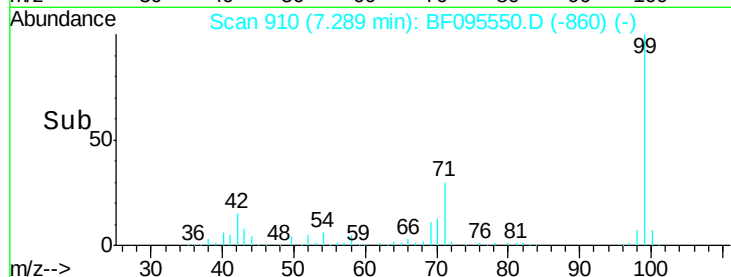
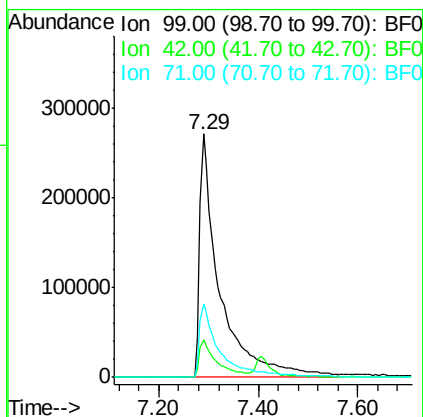
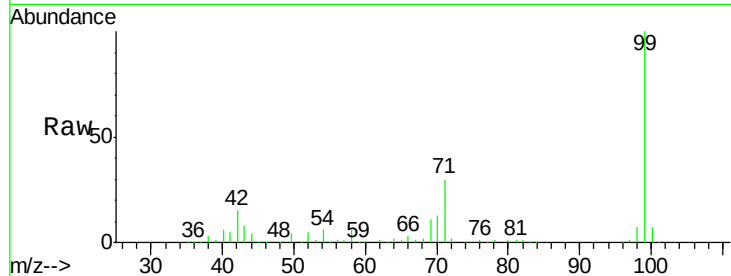
ClientSampleId :

NM12-COMP-6-18

Tgt Ion:	99	Resp:	757038
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.5	20.3
71	30.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

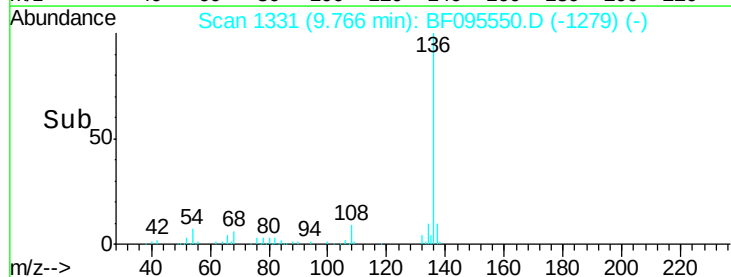
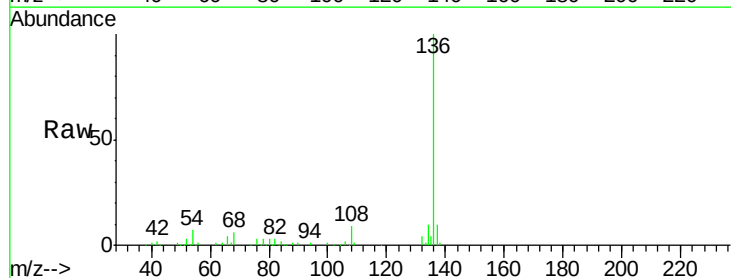
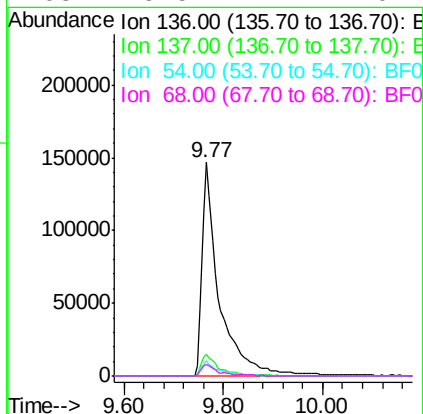
RT: 9.77 min Scan# 1331

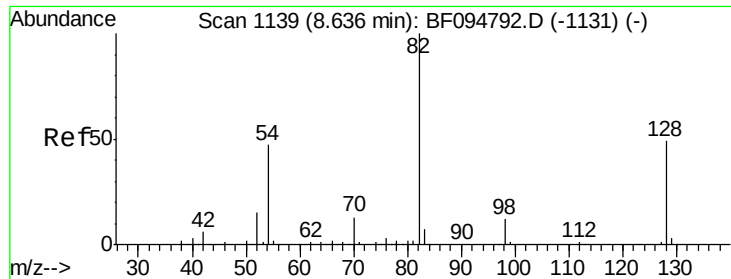
Delta R.T. 0.01 min

Lab File: BF095550.D

Acq: 30 May 2017 23:05

Tgt Ion:	136	Resp:	353447
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.5	12.7
54	7.0	4.9	7.3
68	5.5	4.1	6.1





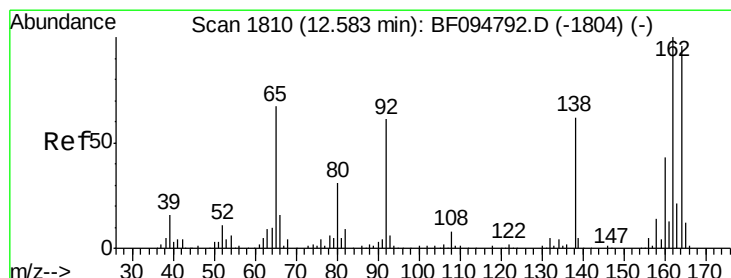
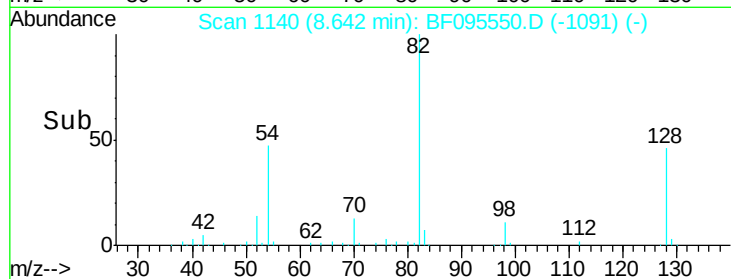
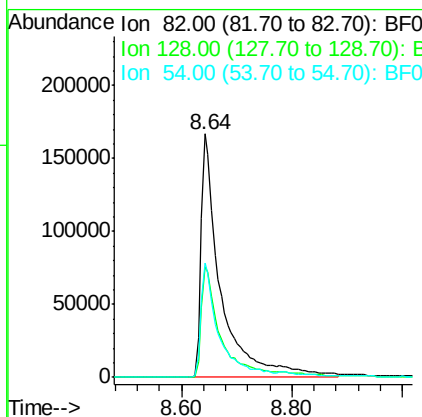
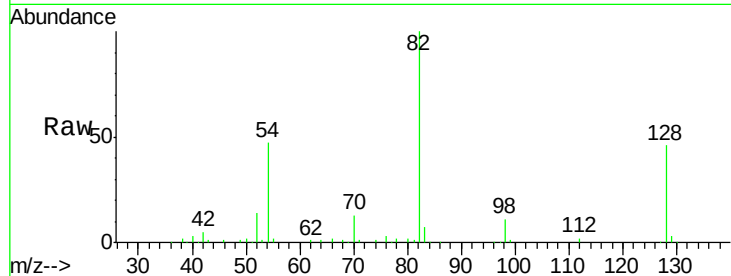
#23
 Nitrobenzene-d5
 Concen: 73.53 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF095550.D
 Acq: 30 May 2017 23:05

Instrument :
 BNA_F
 ClientSampleId :
 NM12-COMP-6-18

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	412149		
128	45.5	34.0	51.0	
54	47.0	42.2	63.2	

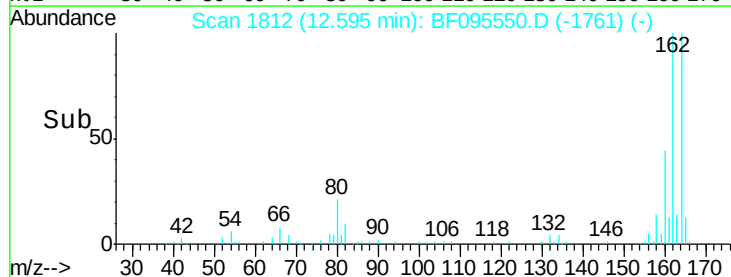
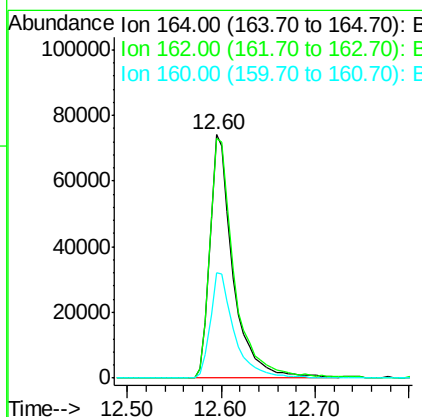
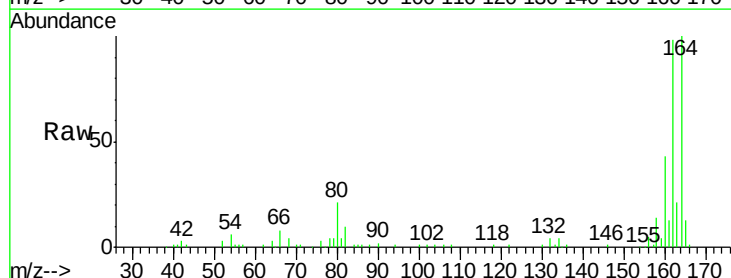
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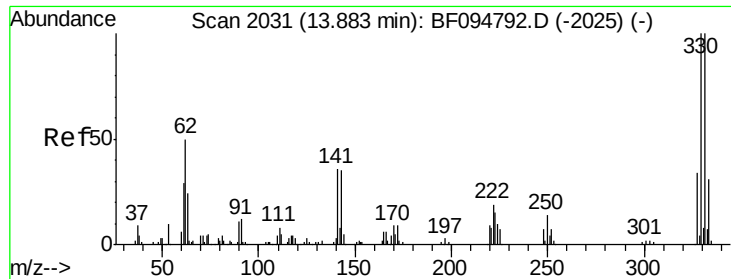
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BF095550.D
 Acq: 30 May 2017 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128384		
162	98.4	82.6	123.8	
160	43.1	36.2	54.2	





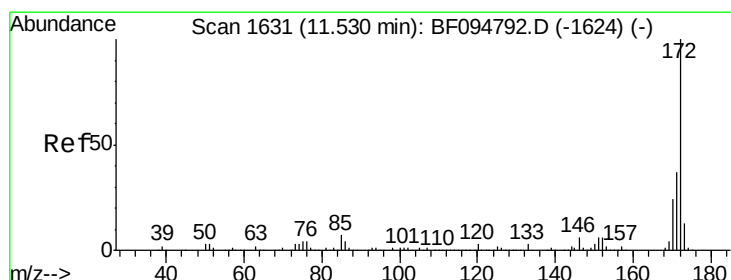
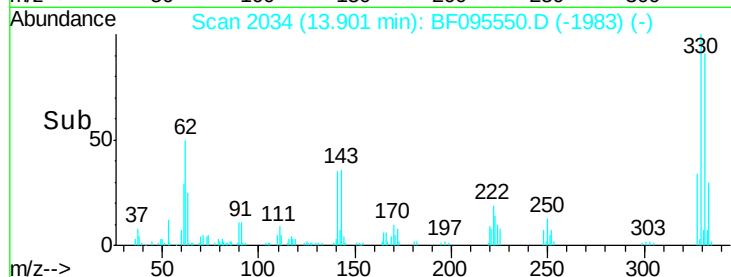
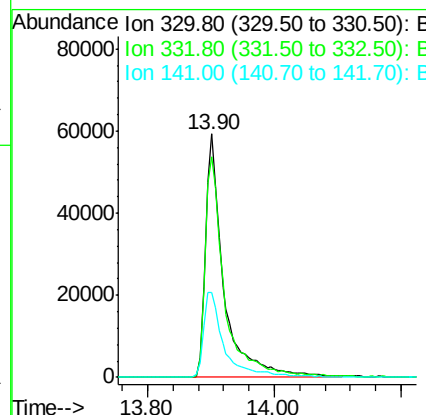
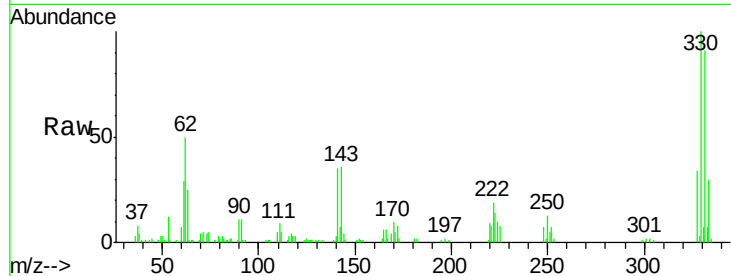
#41
 2,4,6-Tribromophenol
 Concen: 112.74 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF095550.D
 Acq: 30 May 2017 23:05

Instrument :
 BNA_F
 ClientSampleId :
 NM12-COMP-6-18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	118539		
332	96.1	76.6	115.0	
141	39.4	31.4	47.2	

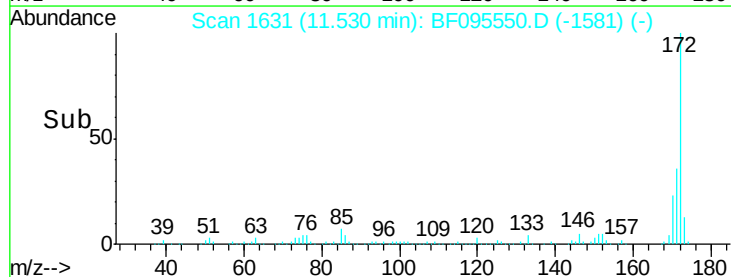
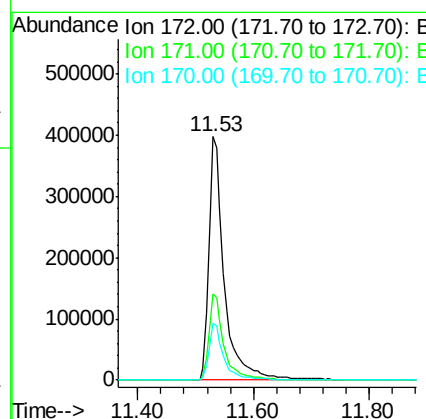
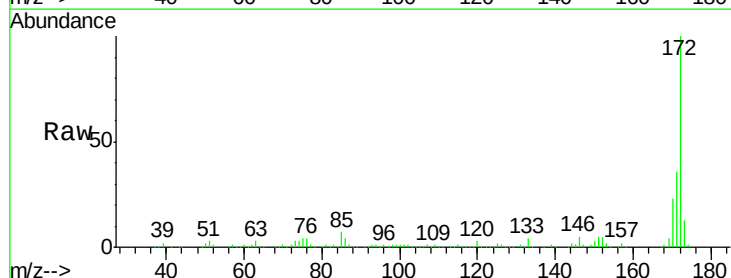
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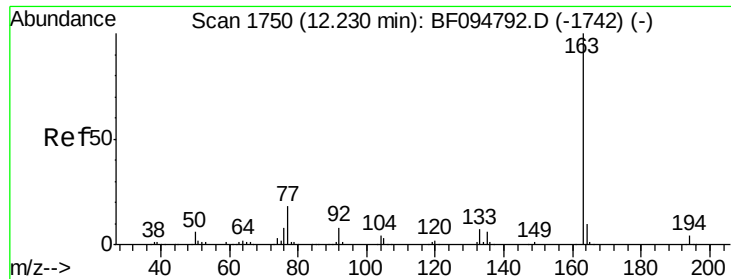
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#44
 2-Fluorobiphenyl
 Concen: 84.81 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095550.D
 Acq: 30 May 2017 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	756457		
171	35.6	29.6	44.4	
170	23.3	19.8	29.8	





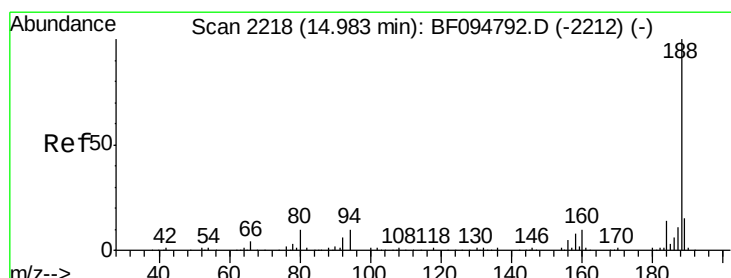
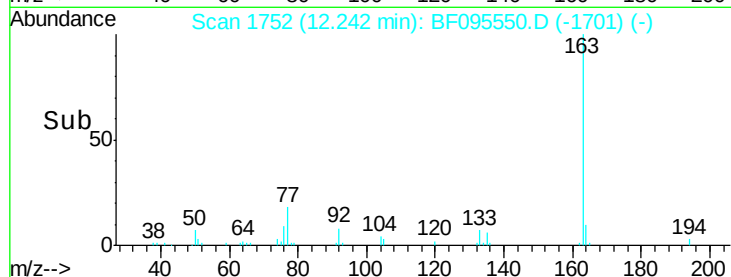
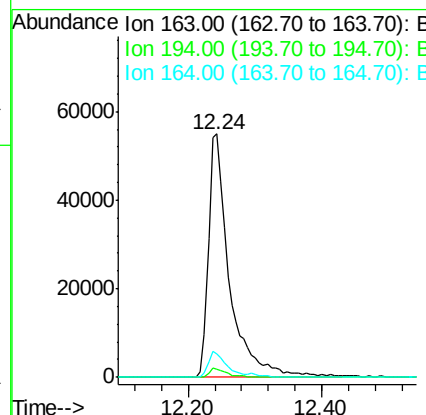
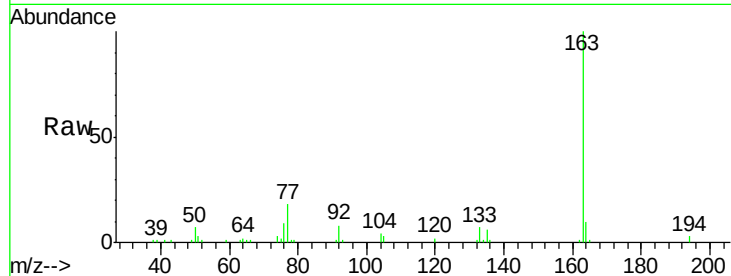
#49
Dimethylphthalate
Concen: 11.44 ng
RT: 12.24 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BF095550.D
Acq: 30 May 2017 23:05

Instrument :
BNA_F
ClientSampleId :
NM12-COMP-6-18

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	120554		
194	3.5	2.6	4.0	
164	9.5	8.4	12.6	

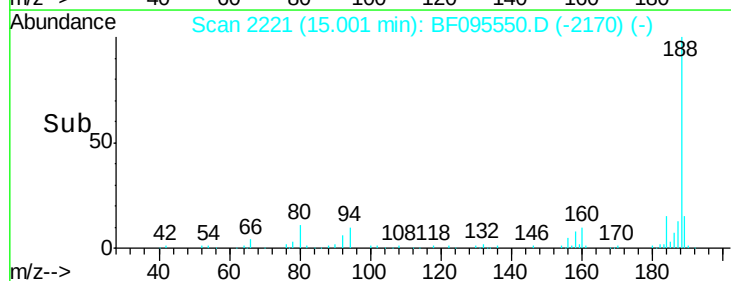
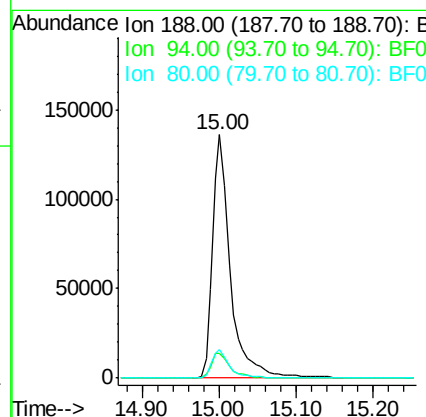
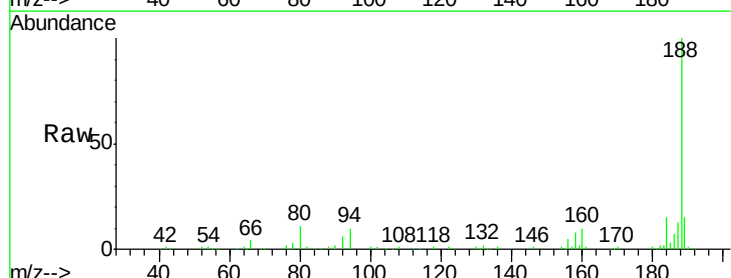
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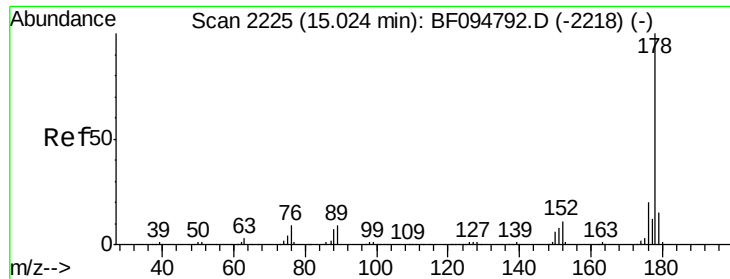
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF095550.D
Acq: 30 May 2017 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	216749		
94	10.1	9.4	14.2	
80	11.5	10.2	15.2	





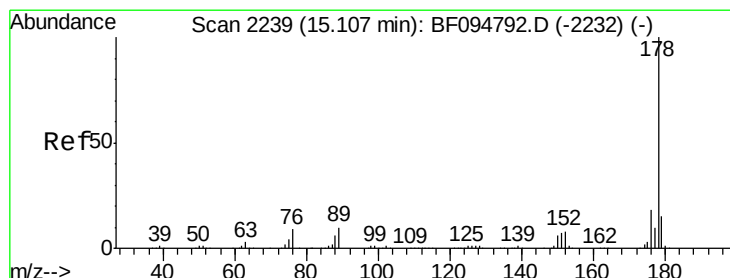
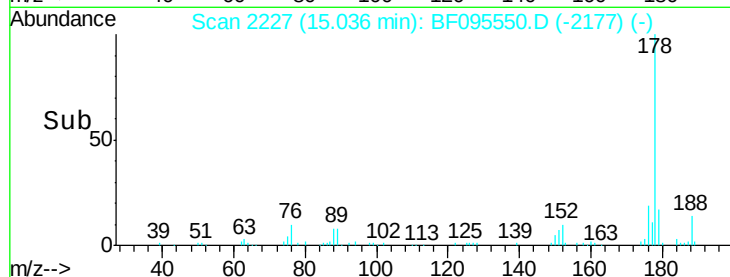
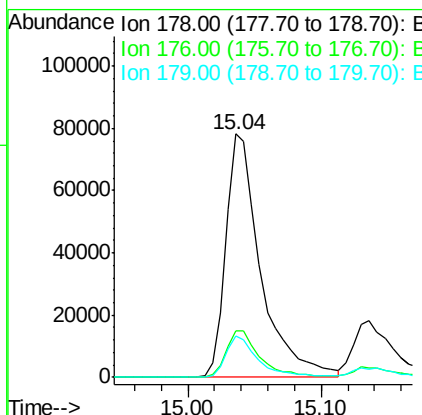
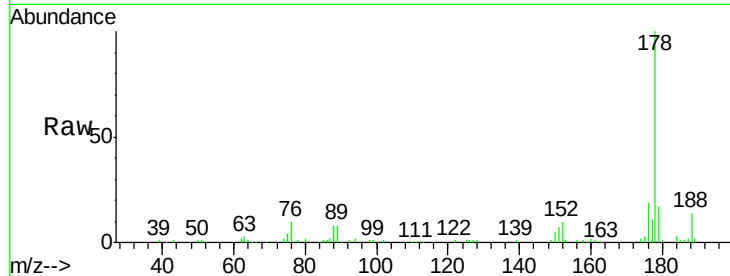
#70
Phenanthrene
Concen: 11.50 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF095550.D
Acq: 30 May 2017 23:05

Instrument :
BNA_F
ClientSampleId :
NM12-COMP-6-18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	16.8	12.6	19.0

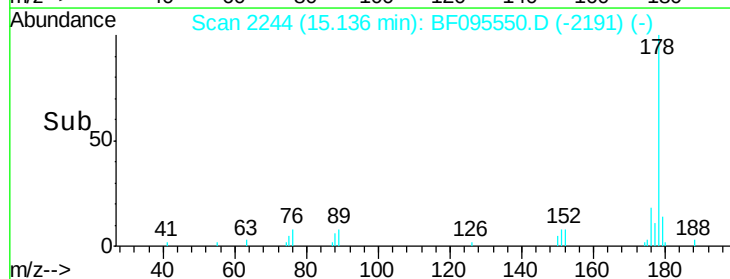
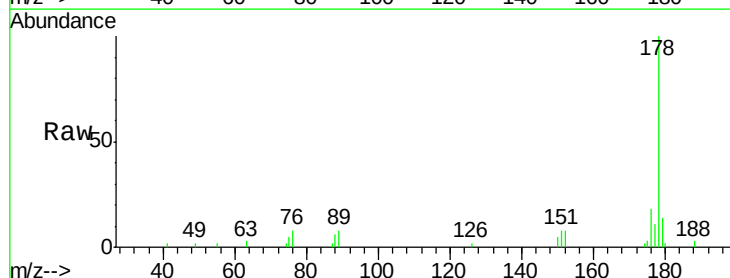
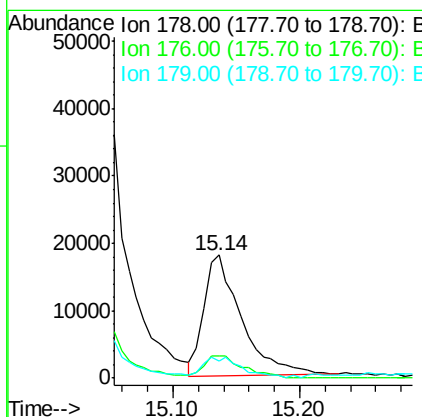
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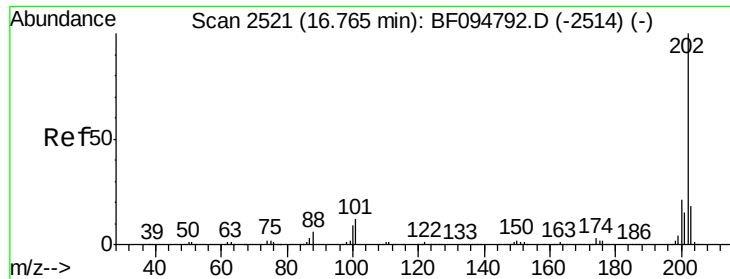
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#71
Anthracene
Concen: 2.91 ng
RT: 15.14 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF095550.D
Acq: 30 May 2017 23:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.8	23.8
179	13.7	12.7	19.1





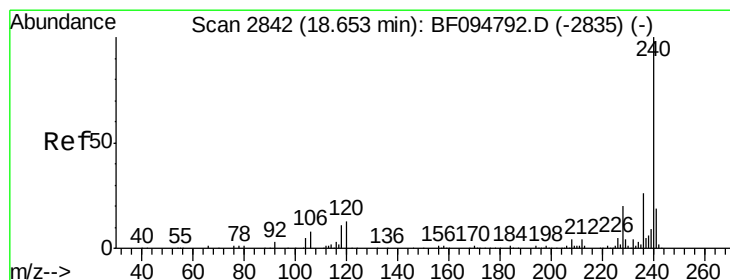
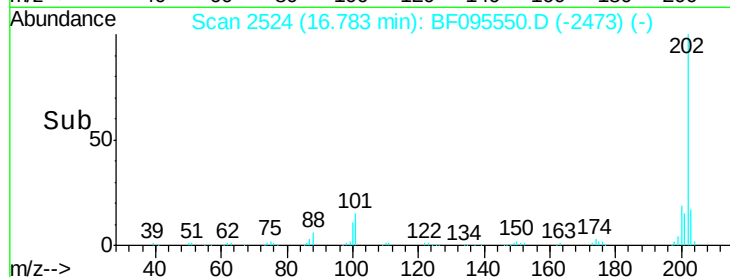
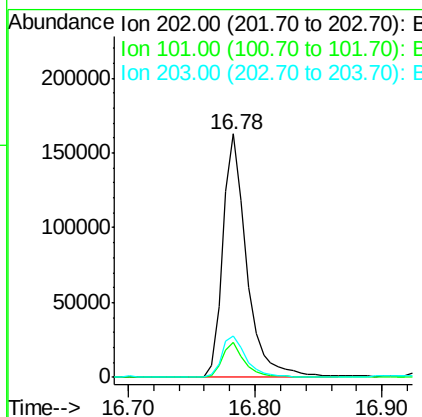
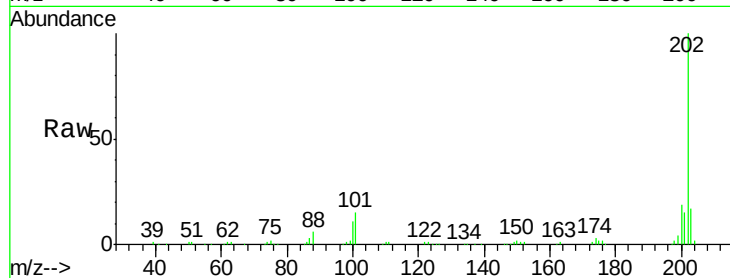
#74
Fluoranthene
 Concen: 16.61 ng
 RT: 16.78 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: BF095550.D
 Acq: 30 May 2017 23:05

Instrument :
 BNA_F
 ClientSampleId :
 NM12-COMP-6-18

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.6	0.0	33.2
203	17.0	0.0	38.1

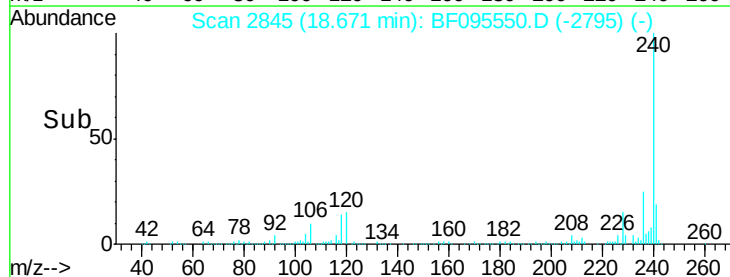
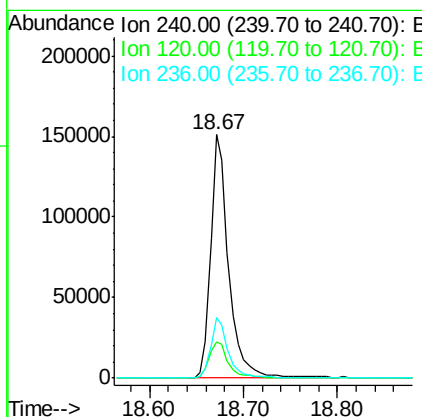
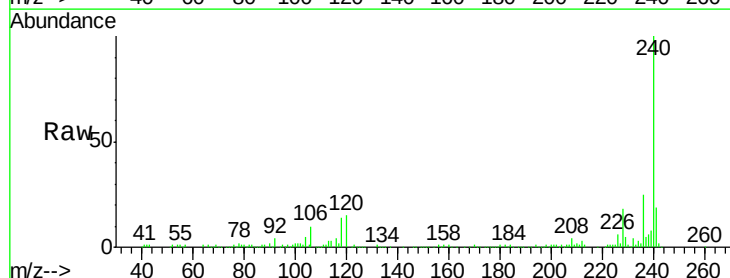
Manual Integrations
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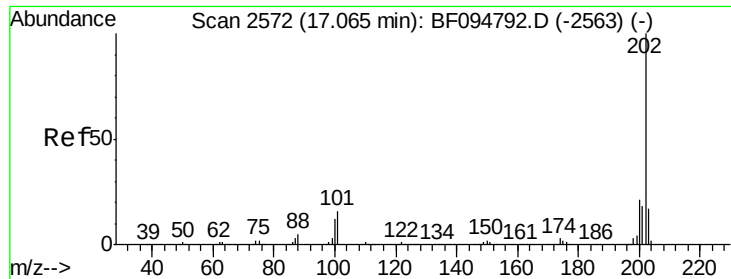
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095550.D
 Acq: 30 May 2017 23:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	14.9	5.8	8.8#
236	24.7	20.5	30.7





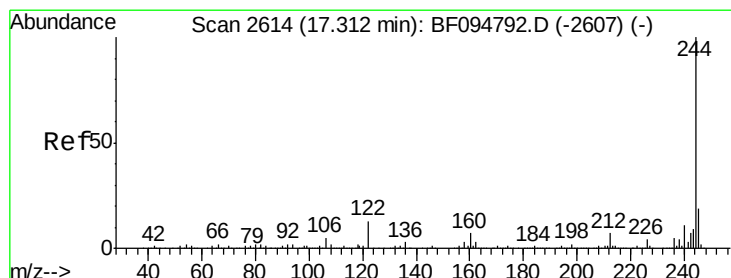
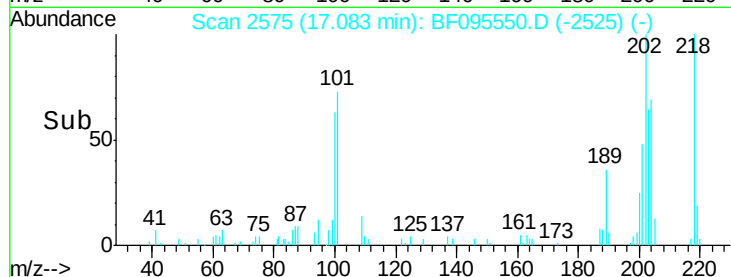
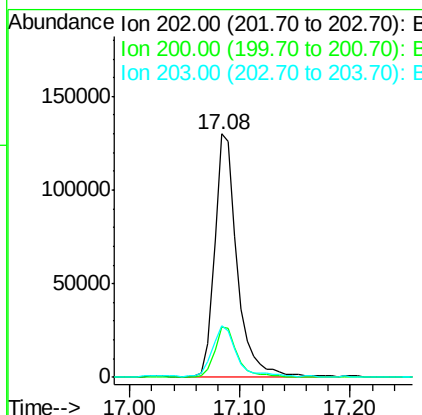
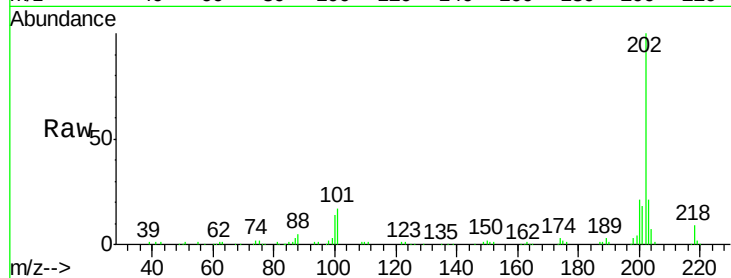
#77
 Pyrene
 Concen: 11.86 ng
 RT: 17.08 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BF095550.D
 Acq: 30 May 2017 23:05

Instrument :
 BNA_F
 ClientSampleId :
 NM12-COMP-6-18

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.7	17.6	26.4
203	21.2	14.4	21.6

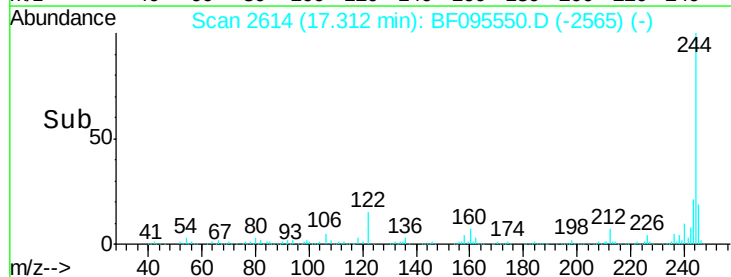
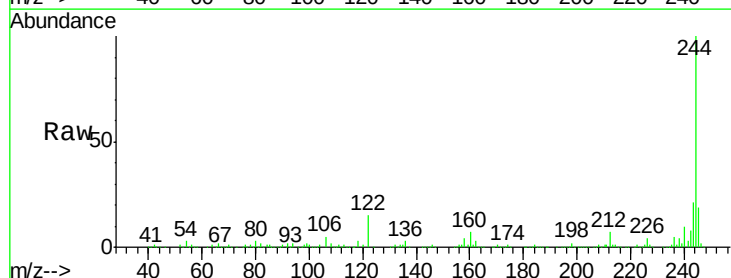
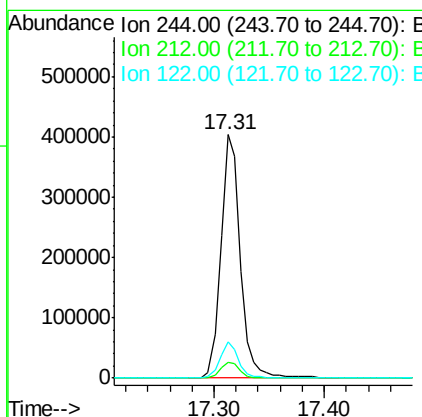
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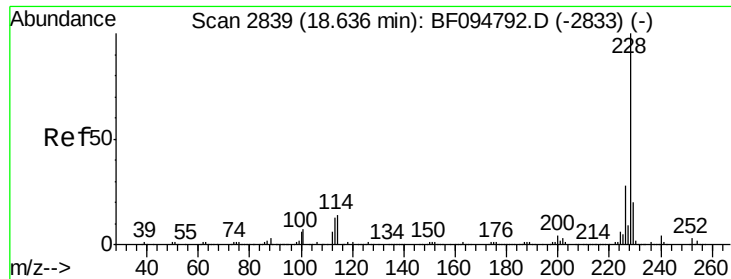
mohammad
 5/31/2017 5:03:01 PM



#78
 Terphenyl-d14
 Concen: 53.45 ng
 RT: 17.31 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BF095550.D
 Acq: 30 May 2017 23:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	6.0	9.0
122	14.7	10.3	15.5





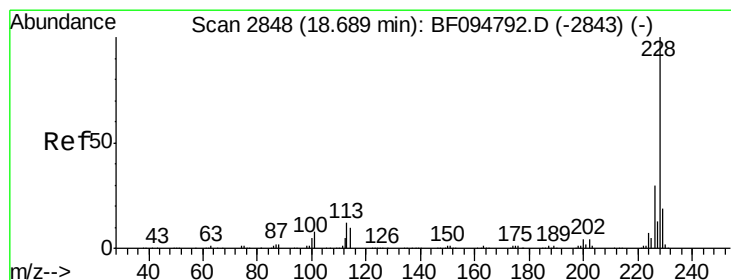
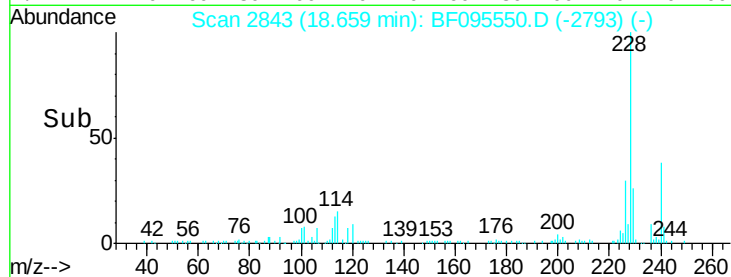
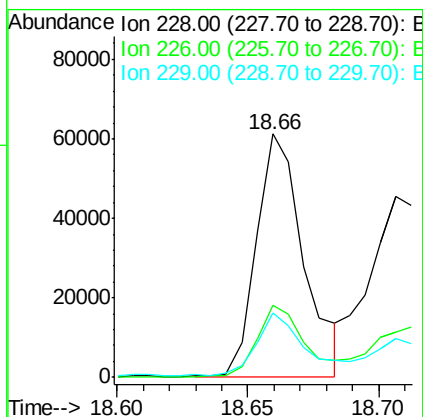
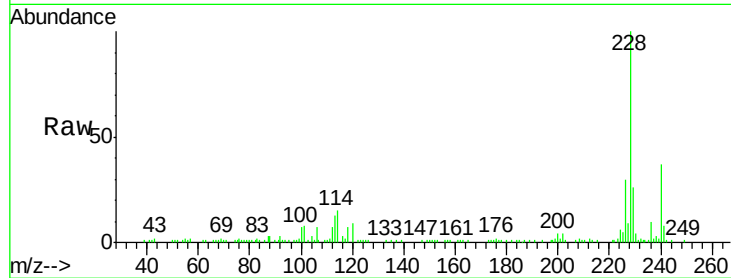
#80
Benzo(a)anthracene
Concen: 6.49 ng m
RT: 18.66 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BF095550.D
Acq: 30 May 2017 23:05

Instrument :
BNA_F
ClientSampleId :
NM12-COMP-6-18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	26.5	16.3	24.5

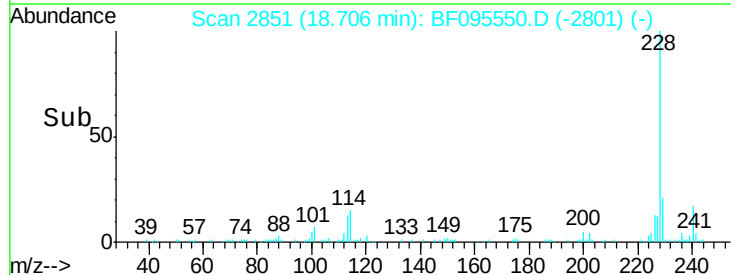
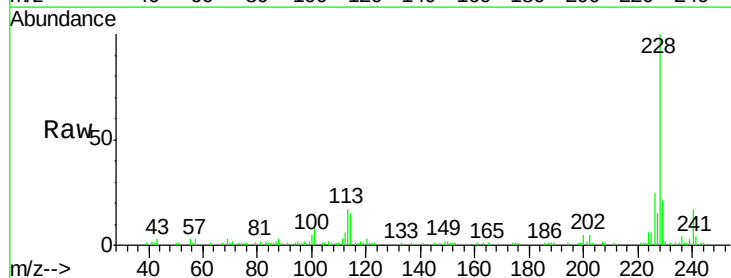
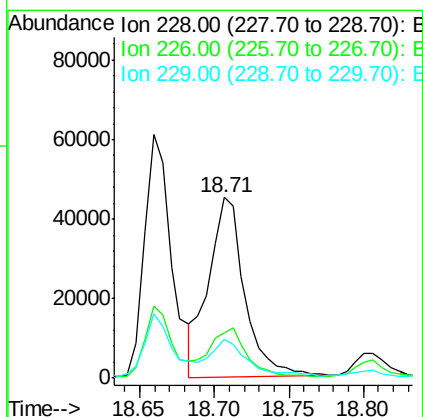
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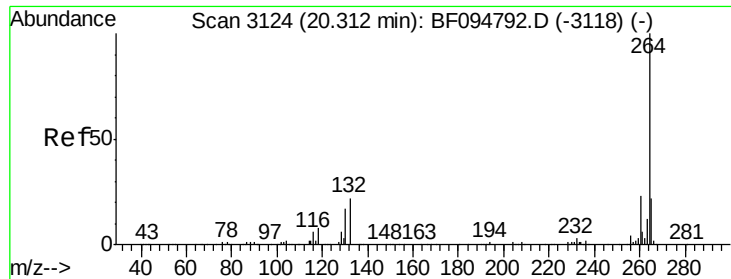
mohammad
5/31/2017 5:03:01 PM



#82
Chrysene
Concen: 6.64 ng
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF095550.D
Acq: 30 May 2017 23:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.3	24.9	37.3
229	21.2	15.8	23.6





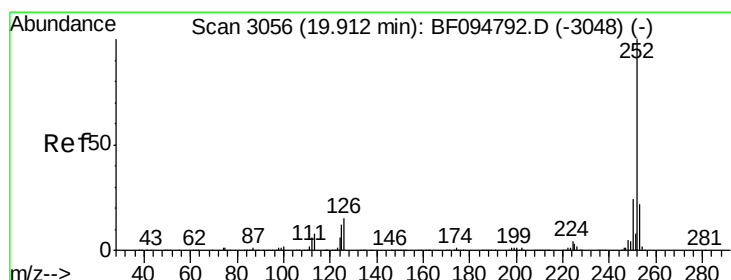
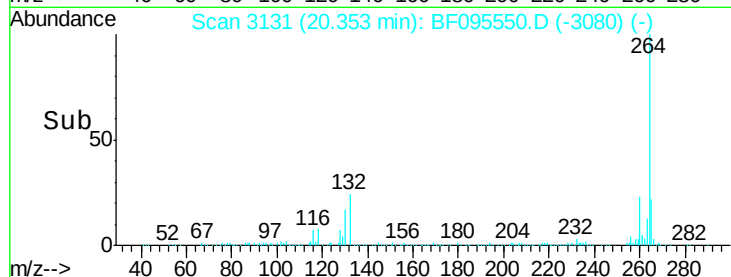
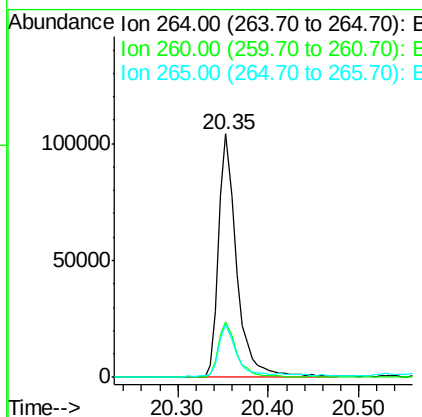
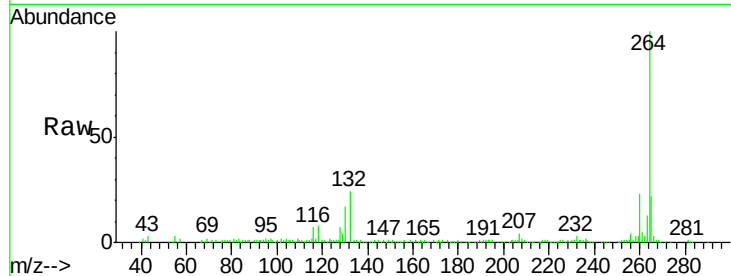
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BF095550.D
Acq: 30 May 2017 23:05

Instrument :
BNA_F
ClientSampleId :
NM12-COMP-6-18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.8	17.2	25.8

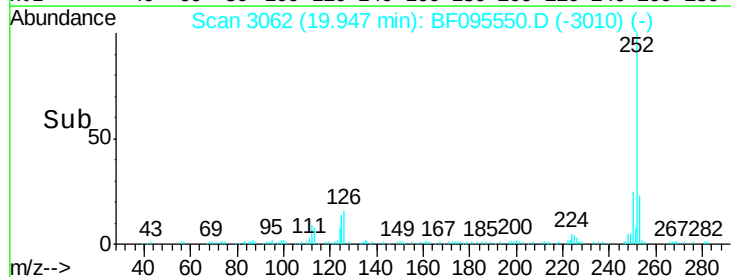
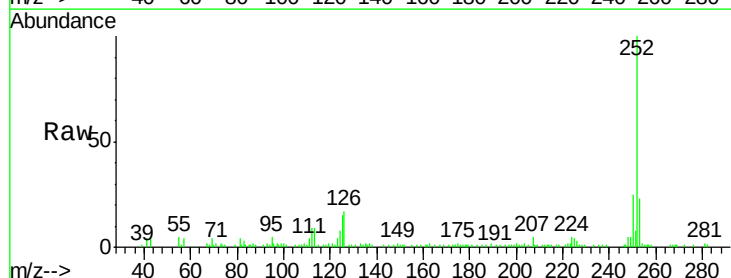
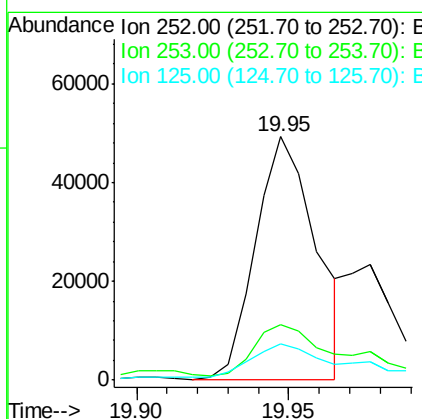
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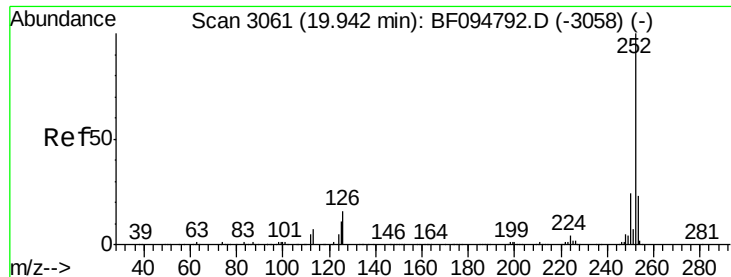
mohammad
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#87
Benzo(b)fluoranthene
Concen: 7.75 ng m
RT: 19.95 min Scan# 3062
Delta R.T. 0.01 min
Lab File: BF095550.D
Acq: 30 May 2017 23:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	15.1	9.8	14.8#





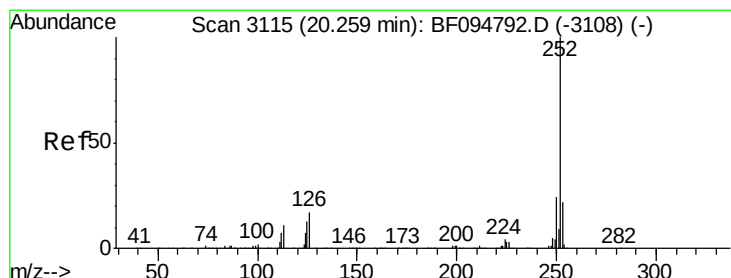
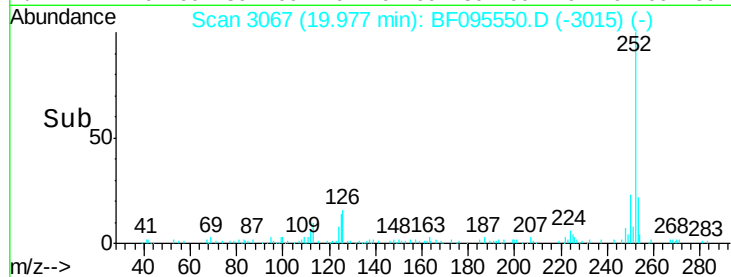
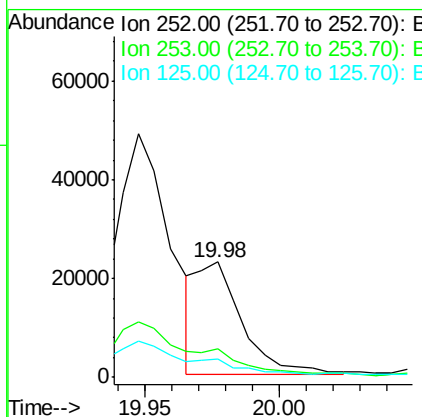
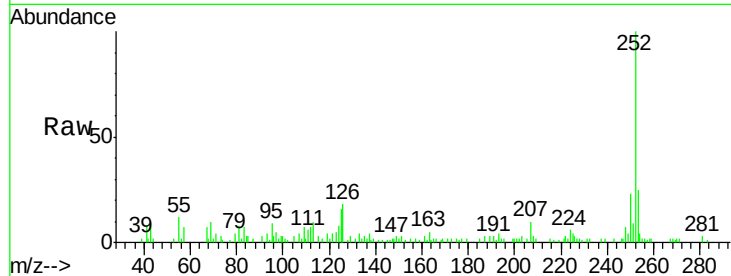
#88
Benzo(k)fluoranthene
Concen: 3.10 ng m
RT: 19.98 min Scan# 3067
Delta R.T. 0.01 min
Lab File: BF095550.D
Acq: 30 May 2017 23:05

Instrument :
BNA_F
ClientSampleId :
NM12-COMP-6-18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.4	27.6
125	16.2	13.1	19.7

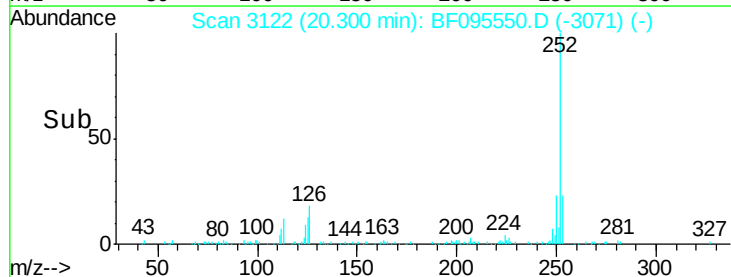
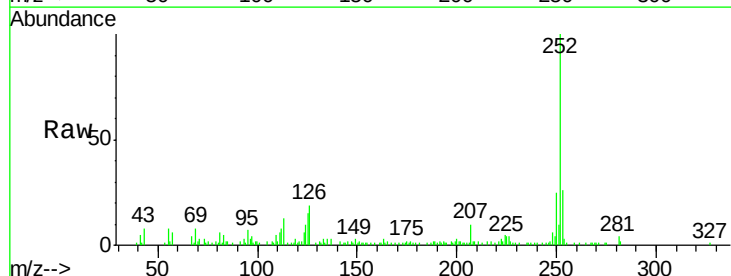
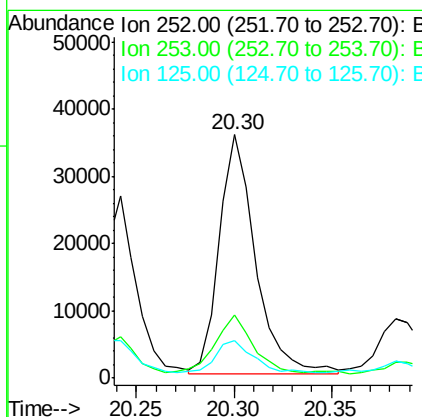
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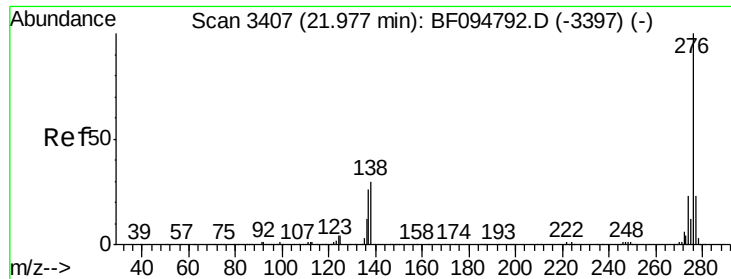
mohammad
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#89
Benzo(a)pyrene
Concen: 5.61 ng
RT: 20.30 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BF095550.D
Acq: 30 May 2017 23:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.5	26.3
125	15.5	11.0	16.4





#91
 Benzo(g,h,i)perylene
 Concen: 3.28 ng
 RT: 22.09 min Scan# 3427
 Delta R.T. 0.02 min
 Lab File: BF095550.D
 Acq: 30 May 2017 23:05

Instrument :
 BNA_F
 ClientSampleId :
 NM12-COMP-6-18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	28.0
138	33.5	25.4	38.0

Manual Integrations
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mohammad
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