

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096045.D
 Acq On : 20 Jun 2017 15:21
 Operator : SJ/MA
 Sample : I3694-07 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061417-C

Manual Integrations
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 6/21/2017 2:16:15 PM

Quant Time: Jun 20 16:20:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	80871	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	328002	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	134461	20.00	ng	0.00
63) Phenanthrene-d10	14.53	188	203775	20.00	ng	0.00
75) Chrysene-d12	18.27	240	156804	20.00	ng	0.00
86) Perylene-d12	19.94	264	128227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	247648	48.80	ng	0.00
7) Phenol-d6	6.87	99	312324	51.40	ng	0.00
23) Nitrobenzene-d5	8.21	82	176562	33.43	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	46621	39.19	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	355625	36.80	ng	-0.01
78) Terphenyl-d14	16.92	244	215594	34.12	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.80	163	56377	5.52	ng	Qvalue 99
70) Phenanthrene	14.57	178	116158	9.88	ng	96
71) Anthracene	14.67	178	25345	2.06	ng	98
74) Fluoranthene	16.36	202	112494	9.67	ng	85
77) Pyrene	16.67	202	113017	9.66	ng	97
80) Benzo(a)anthracene	18.26	228	54020	5.93	ng	97
82) Chrysene	18.30	228	52666	5.78	ng	96
85) Indeno(1,2,3-cd)pyrene	21.12	276	23661	3.04	ng	97
87) Benzo(b)fluoranthene	19.54	252	61971	7.72	ng	# 94
88) Benzo(k)fluoranthene	19.57	252	19753m	2.57	ng	
89) Benzo(a)pyrene	19.89	252	43090	5.84	ng	# 95
91) Benzo(a,h,i)perylene	21.44	276	21730	3.40	ng	95

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

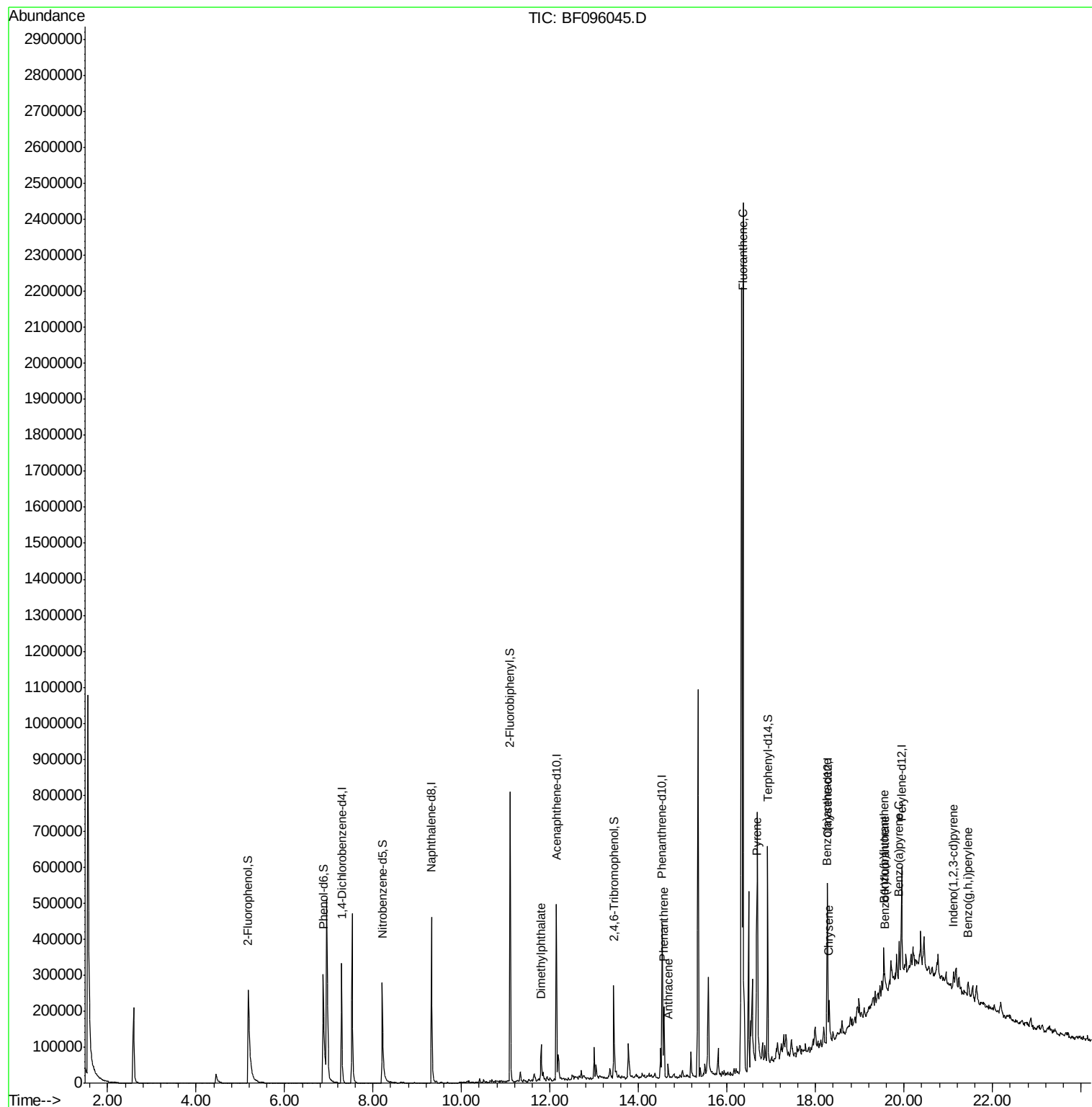
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096045.D
Acq On : 20 Jun 2017 15:21
Operator : SJ/MA
Sample : I3694-07 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

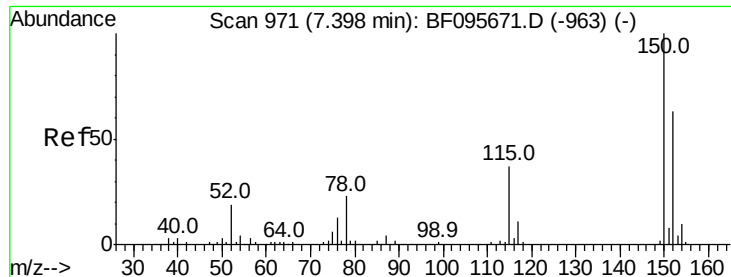
Instrument :
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#1

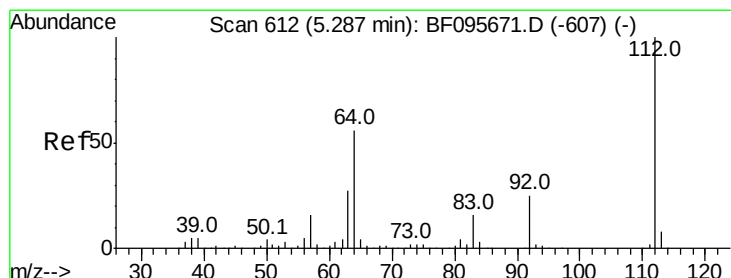
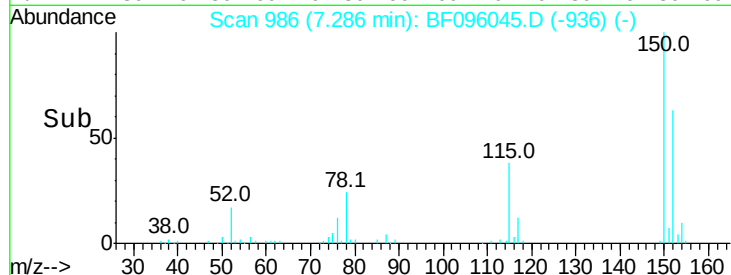
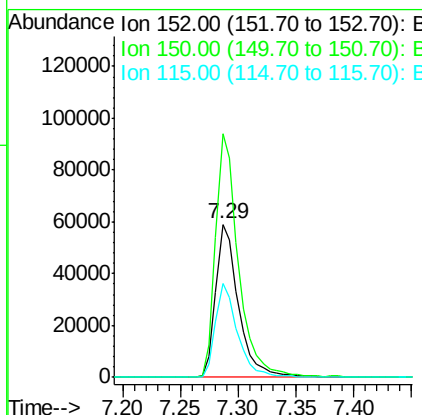
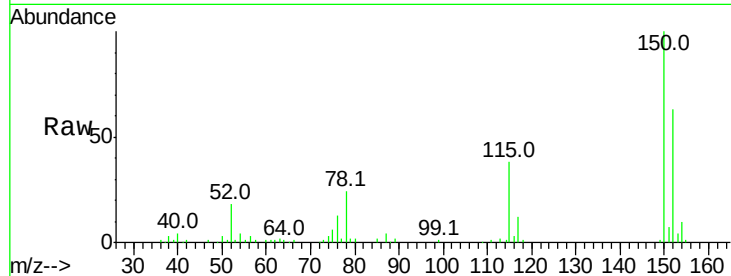
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF096045.D
Acq: 20 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
NB-08-061417-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	61.2	52.2	78.2

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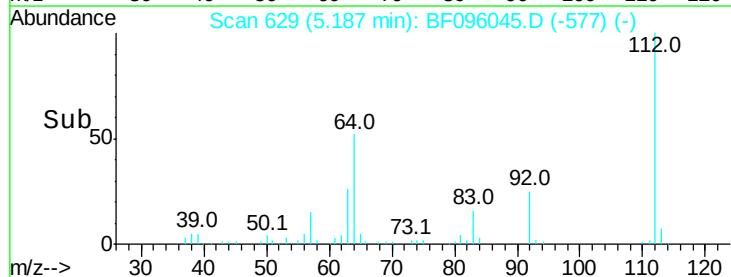
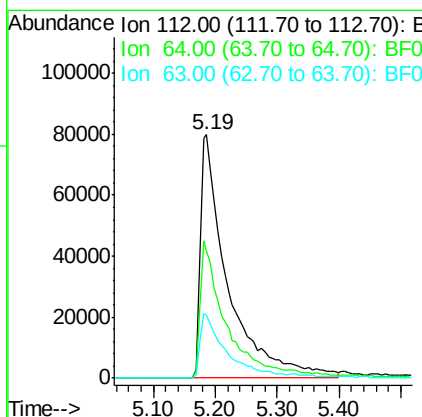
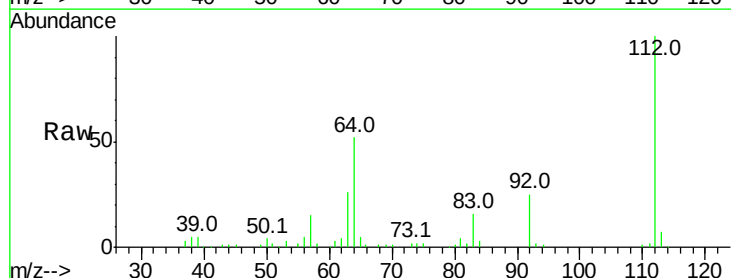
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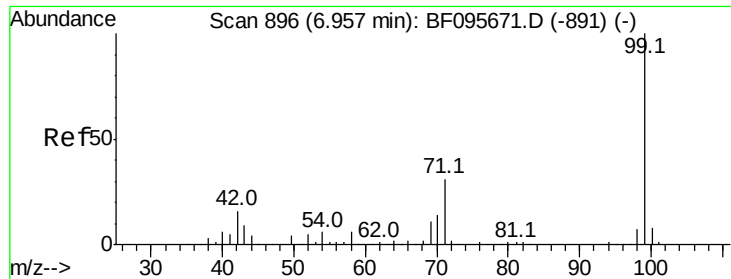


#5

2-Fluorophenol
Concen: 48.80 ng
RT: 5.19 min Scan# 629
Delta R.T. 0.01 min
Lab File: BF096045.D
Acq: 20 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	46.0	69.0
63	25.9	23.4	35.0





#7

Phenol-d6

Concen: 51.40 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF096045.D

Acq: 20 Jun 2017 15:21

Instrument :

BNA_F

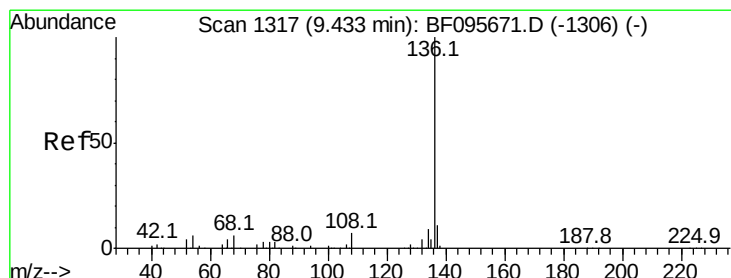
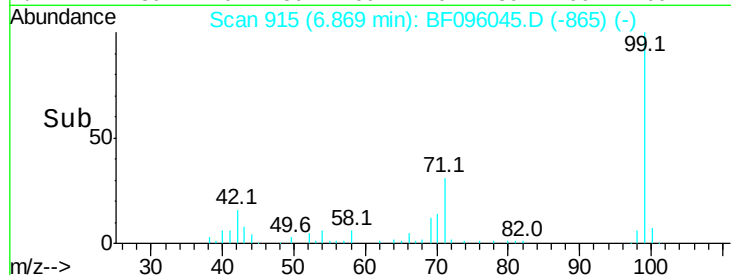
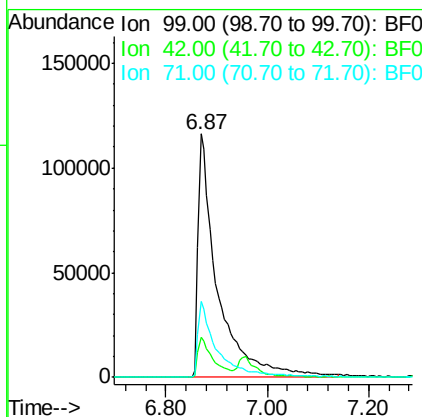
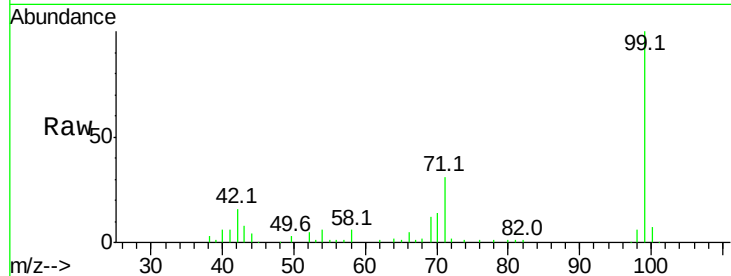
ClientSampleId :

NB-08-061417-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		312324		
42	16.4	13.5	20.3		
71	31.3	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

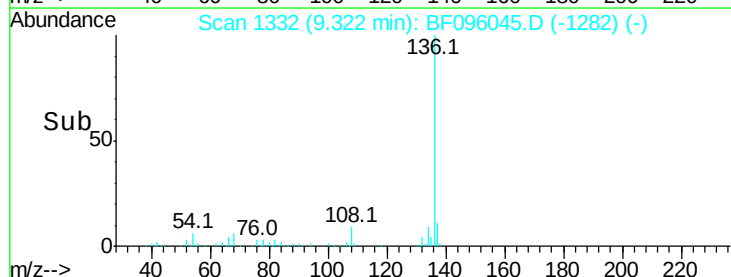
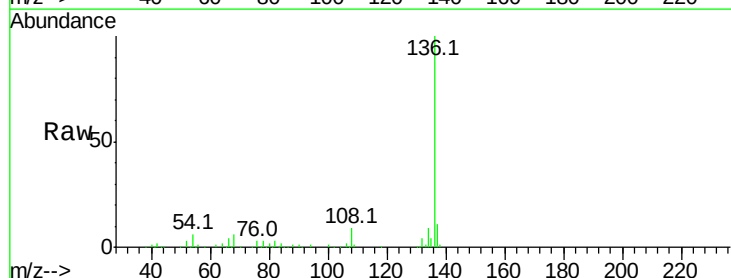
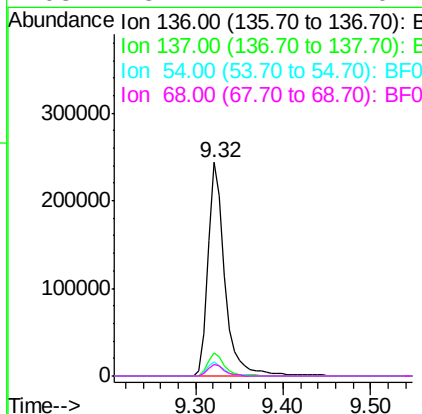
RT: 9.32 min Scan# 1332

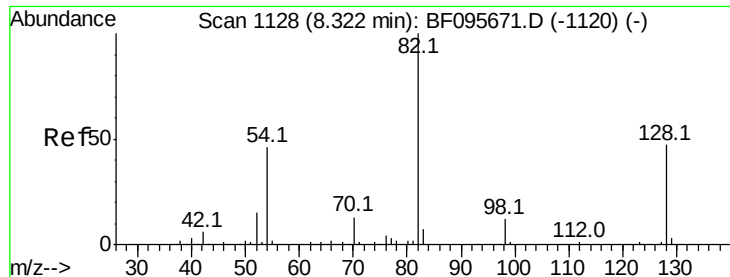
Delta R.T. -0.01 min

Lab File: BF096045.D

Acq: 20 Jun 2017 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		328002		
137	10.9	8.5	12.7		
54	6.5	4.9	7.3		
68	5.7	4.1	6.1		





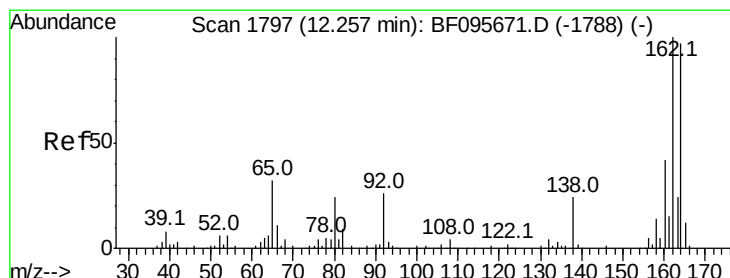
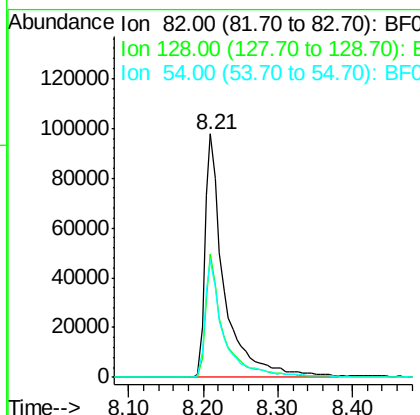
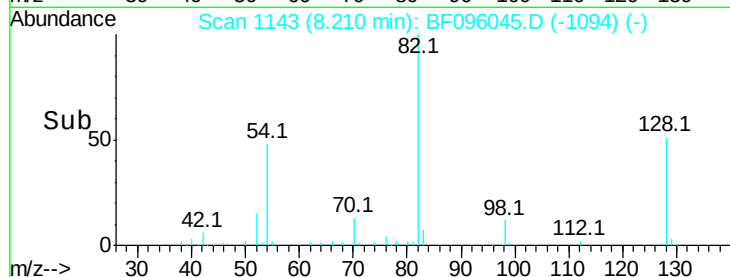
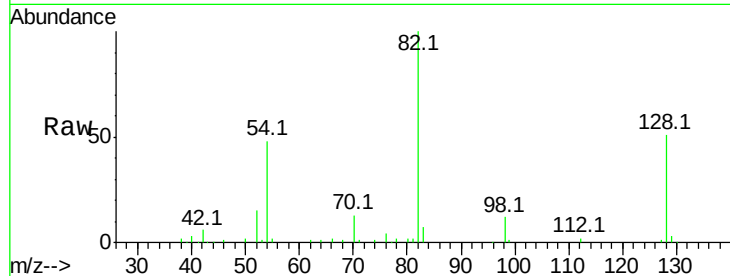
#23
 Nitrobenzene-d5
 Concen: 33.43 ng
 RT: 8.21 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF096045.D
 Acq: 20 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061417-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.7	34.0	51.0
54	47.9	42.2	63.2

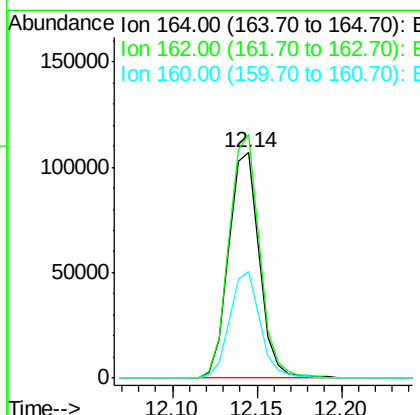
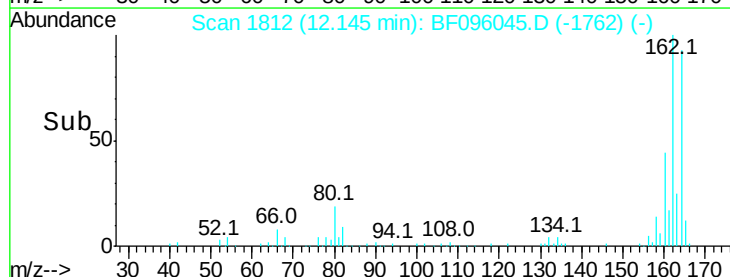
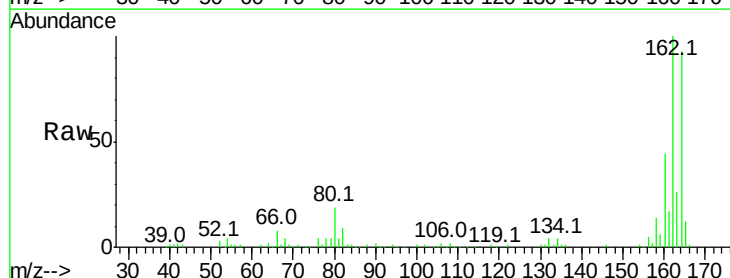
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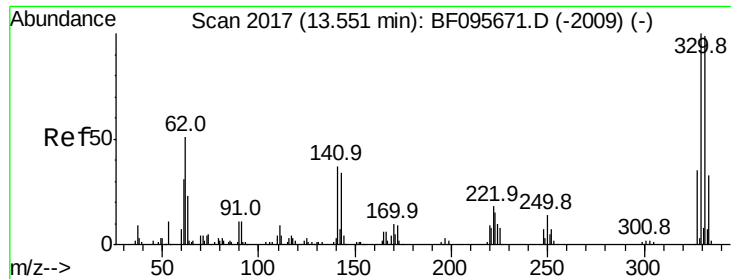
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.14 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF096045.D
 Acq: 20 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.0	82.6	123.8
160	47.3	36.2	54.2





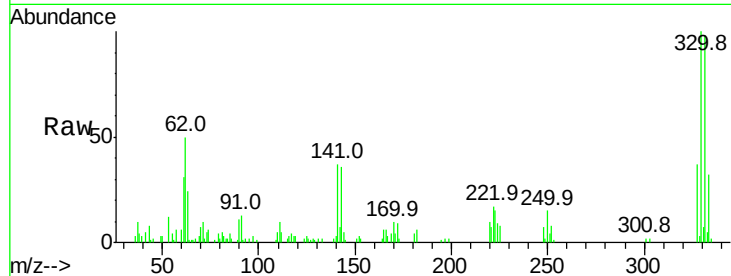
#41
 2,4,6-Tribromophenol
 Concen: 39.19 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096045.D
 Acq: 20 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061417-C

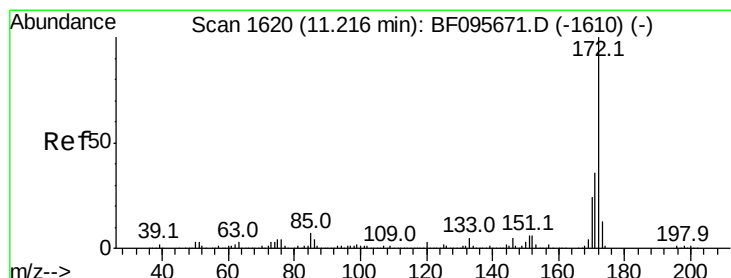
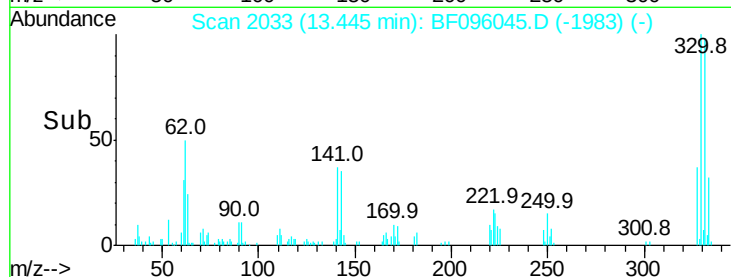
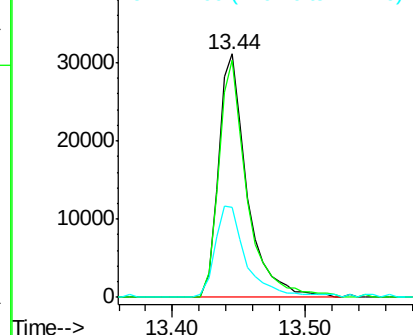
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	41.7	31.4	47.2

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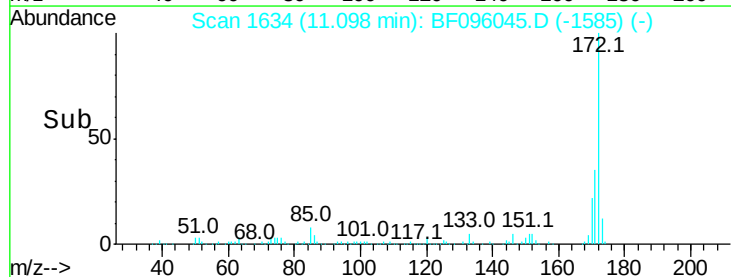
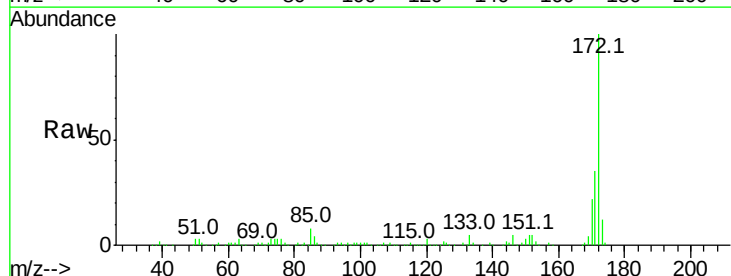
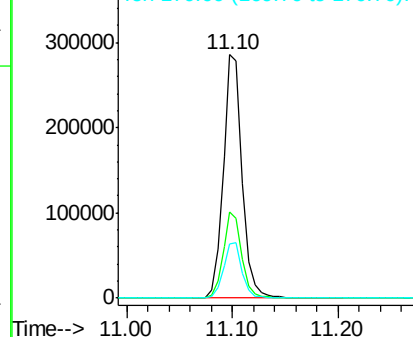
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

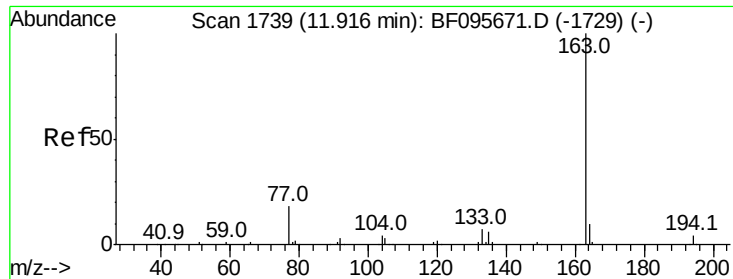


#44
 2-Fluorobiphenyl
 Concen: 36.80 ng
 RT: 11.10 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF096045.D
 Acq: 20 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	22.3	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





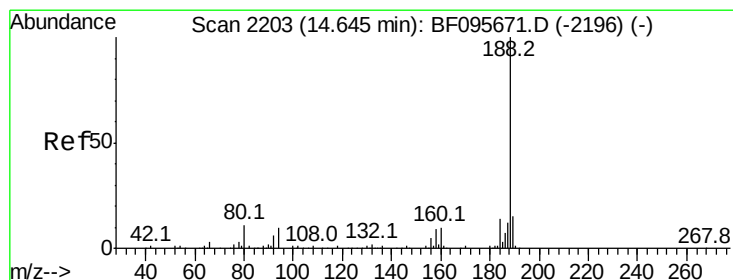
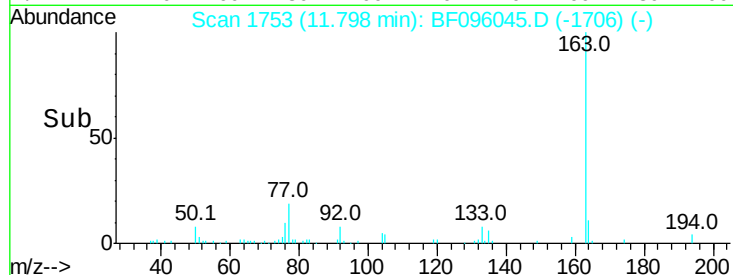
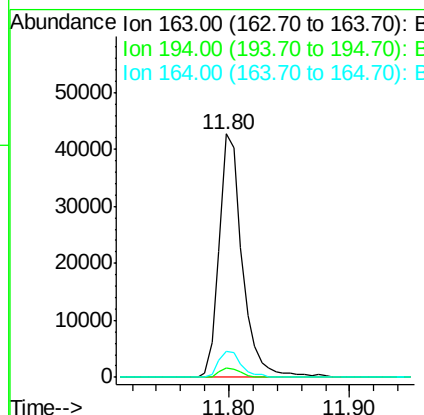
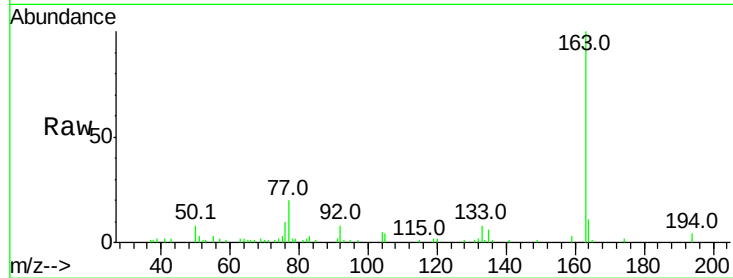
#49
Dimethylphthalate
Concen: 5.52 ng
RT: 11.80 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096045.D
Acq: 20 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
NB-08-061417-C

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.6	8.4	12.6

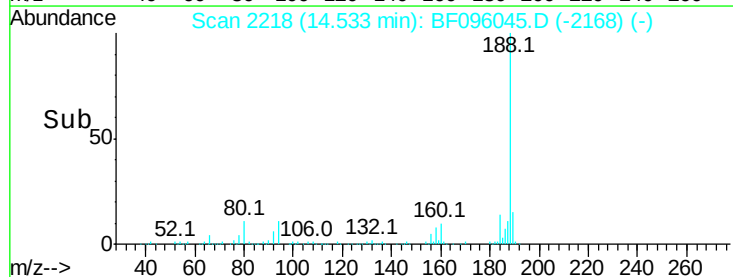
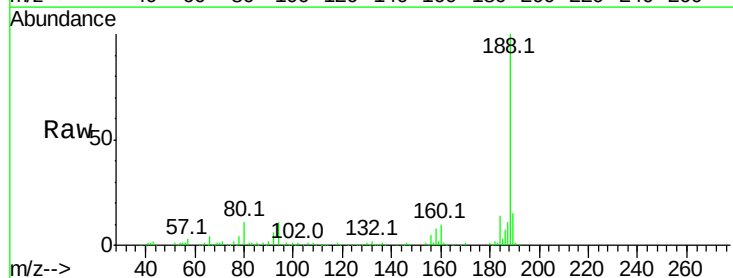
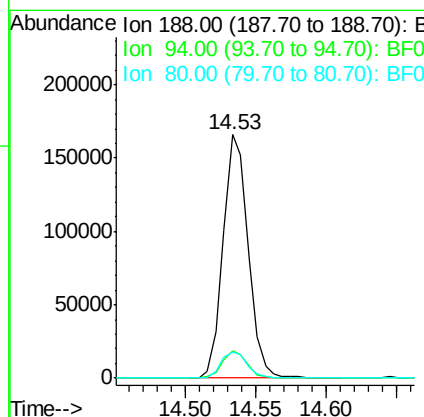
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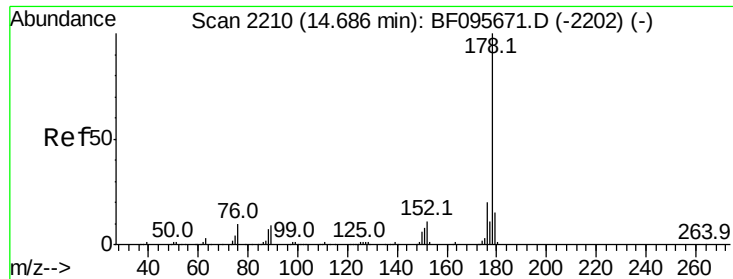
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF096045.D
Acq: 20 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	10.9	10.2	15.2





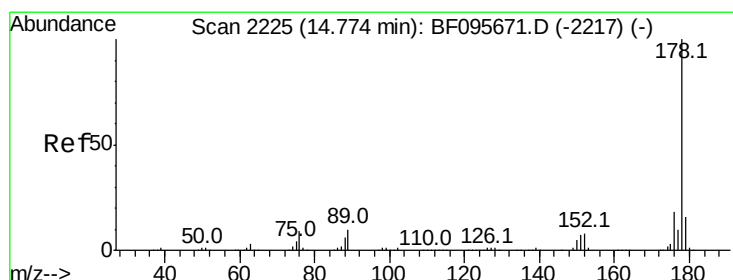
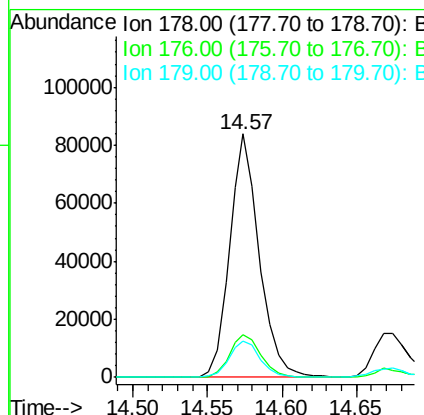
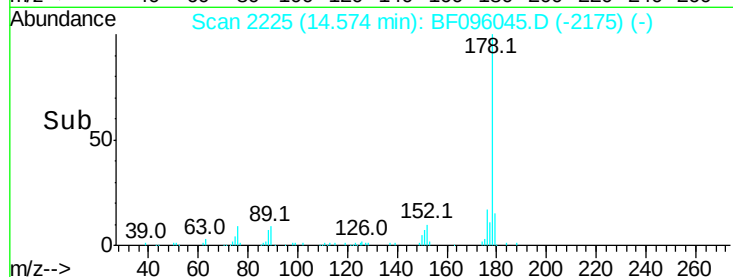
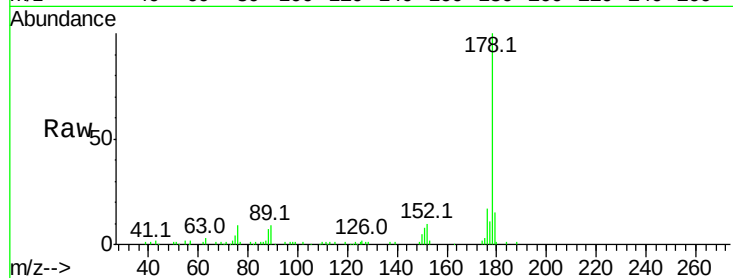
#70
Phenanthrene
Concen: 9.88 ng
RT: 14.57 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF096045.D
Acq: 20 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
NB-08-061417-C

Tot Ion	Ratio	Resp	Lower	Upper
178	100	116158		
176	17.4	16.2	24.4	
179	15.1	12.6	19.0	

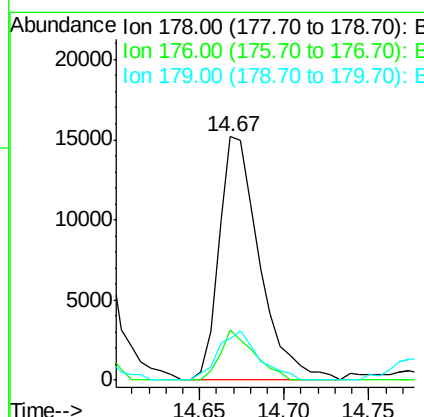
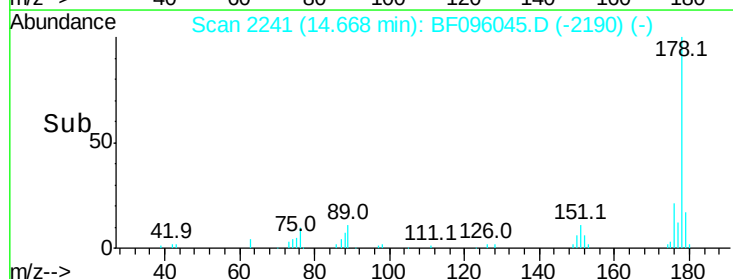
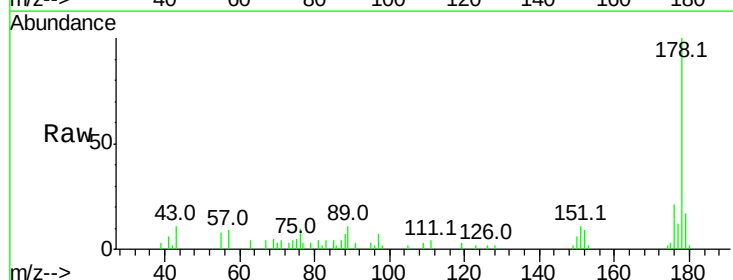
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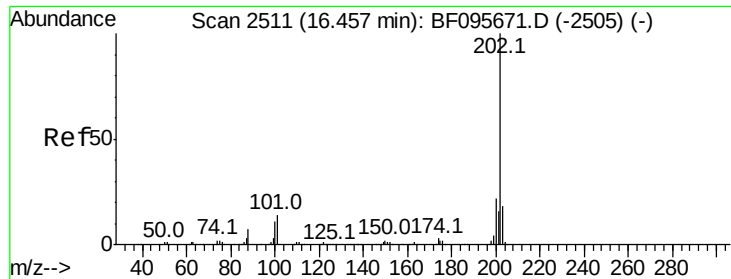
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#71
Anthracene
Concen: 2.06 ng
RT: 14.67 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF096045.D
Acq: 20 Jun 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	25345		
176	20.5	15.8	23.8	
179	17.2	12.7	19.1	





#74

Fluoranthene

Concen: 9.67 ng

RT: 16.36 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF096045.D

Acq: 20 Jun 2017 15:21

Instrument :

BNA_F

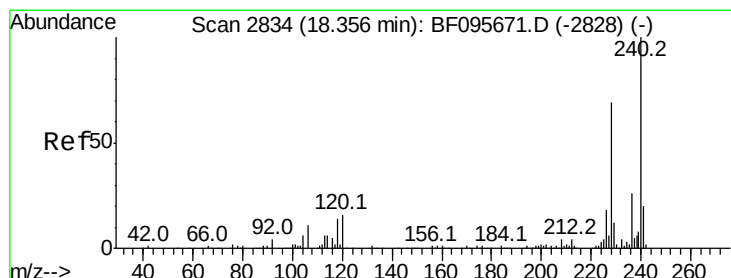
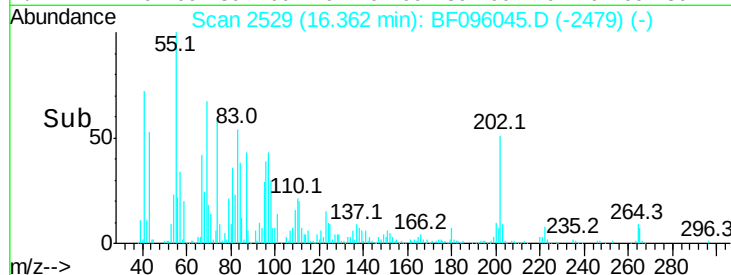
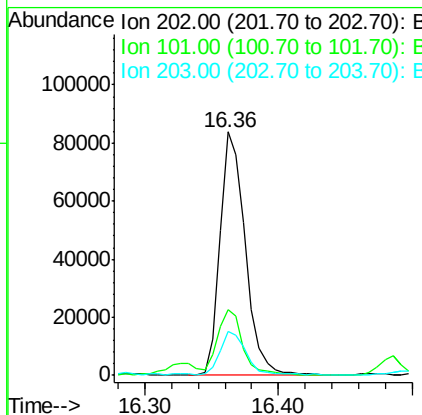
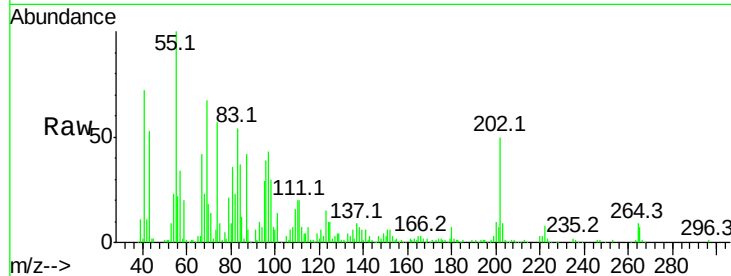
ClientSampleId :

NB-08-061417-C

Tot Ion:	202	Resp:	112494
Ion Ratio	Lower	Upper	
202	100		
101	27.1	0.0	33.2
203	18.1	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

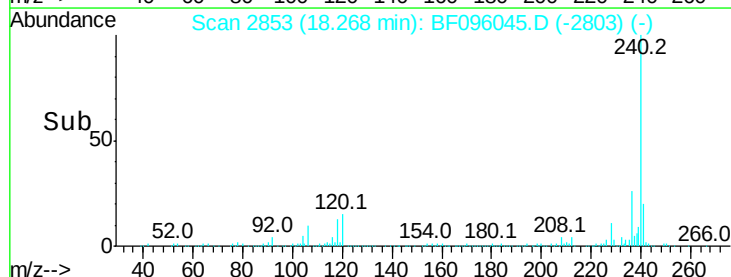
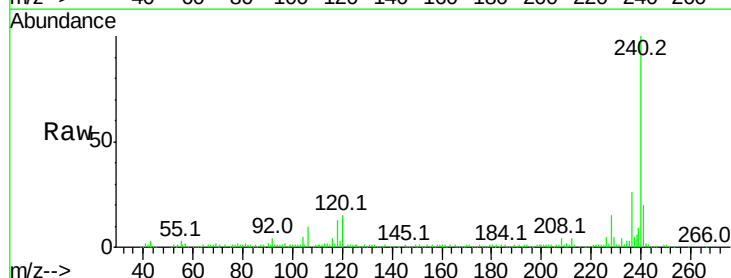
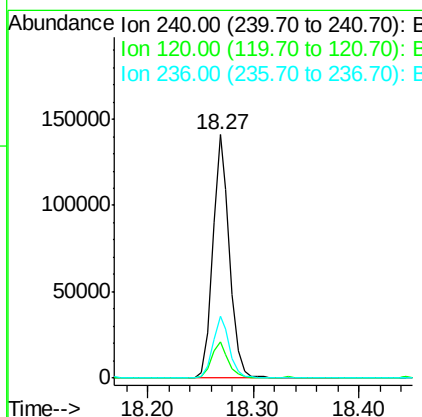
RT: 18.27 min Scan# 2853

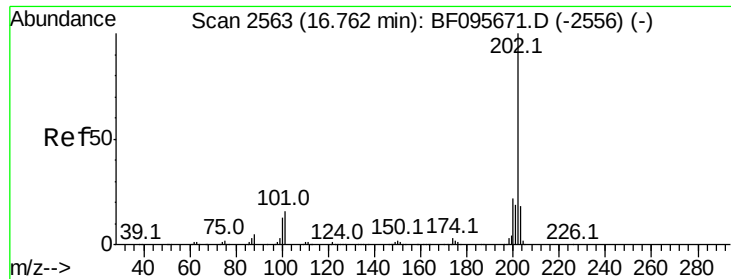
Delta R.T. -0.01 min

Lab File: BF096045.D

Acq: 20 Jun 2017 15:21

Tgt Ion:	240	Resp:	156804
Ion Ratio	Lower	Upper	
240	100		
120	15.0	5.8	8.8#
236	25.5	20.5	30.7





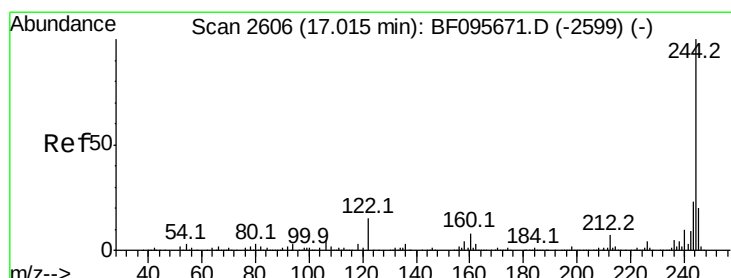
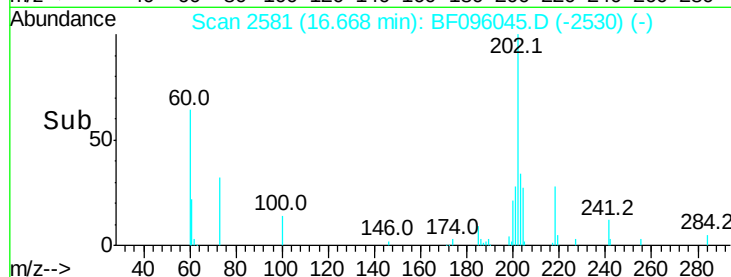
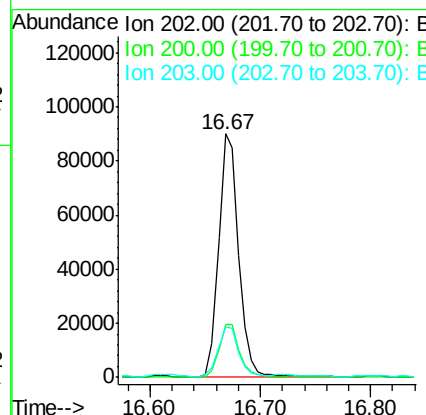
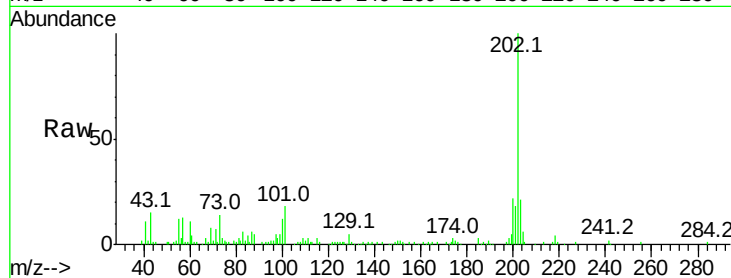
#77
 Pvrene
 Concen: 9.66 ng
 RT: 16.67 min Scan# 2581
 Delta R.T. 0.00 min
 Lab File: BF096045.D
 Acq: 20 Jun 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061417-C

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	20.5	14.4	21.6

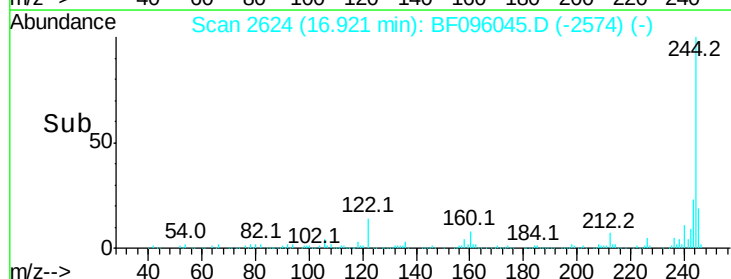
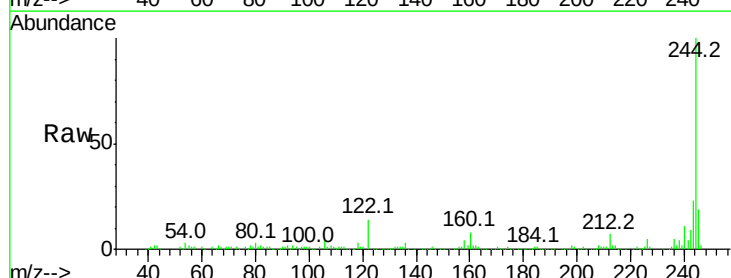
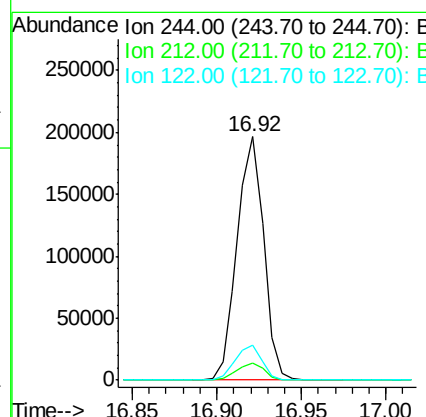
Manual Integrations
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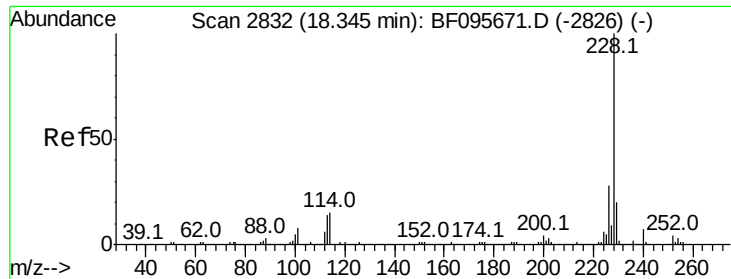
mohammad
 6/21/2017 2:16:15 PM



#78
 Terphenyl-d14
 Concen: 34.12 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096045.D
 Acq: 20 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.5	10.3	15.5





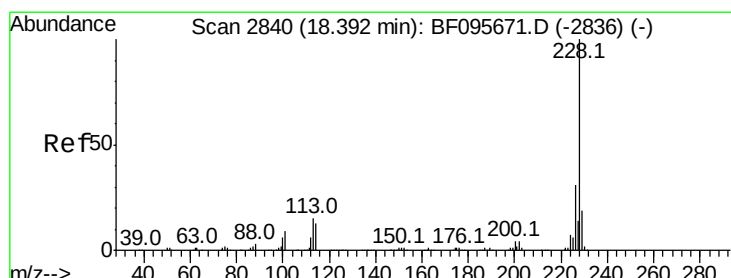
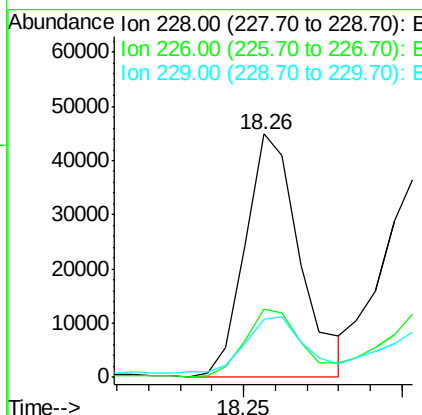
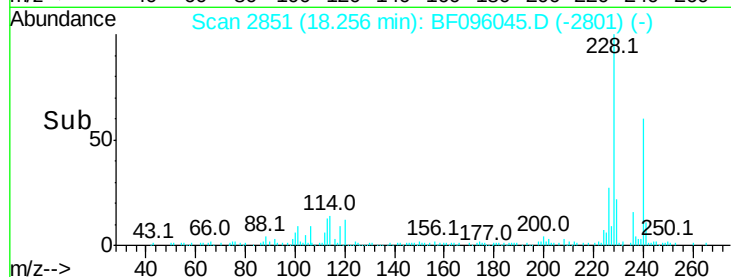
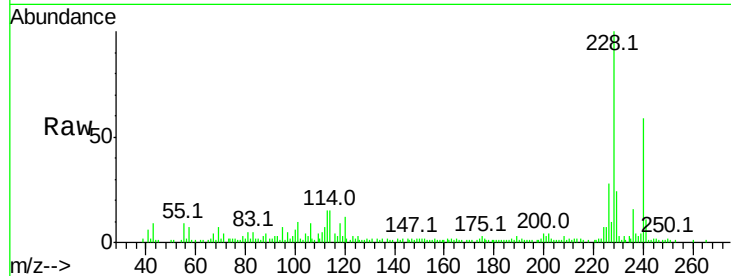
#80
Benzo(a)anthracene
Concen: 5.93 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096045.D
Acq: 20 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
NB-08-061417-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	23.7	16.3	24.5

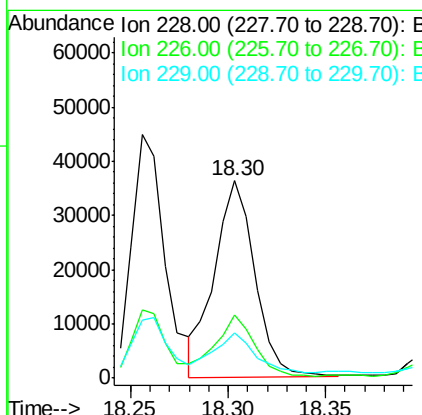
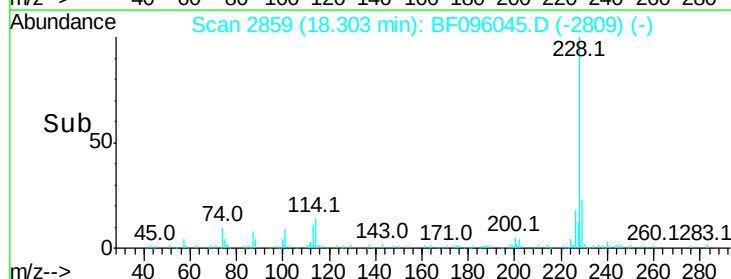
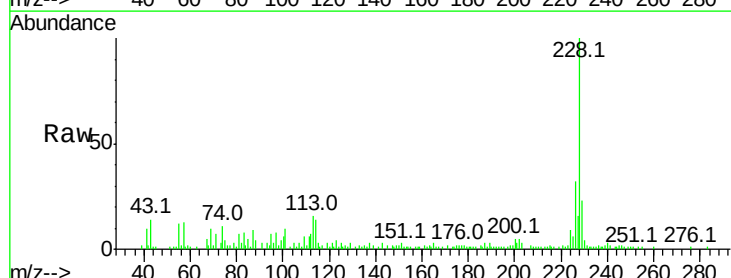
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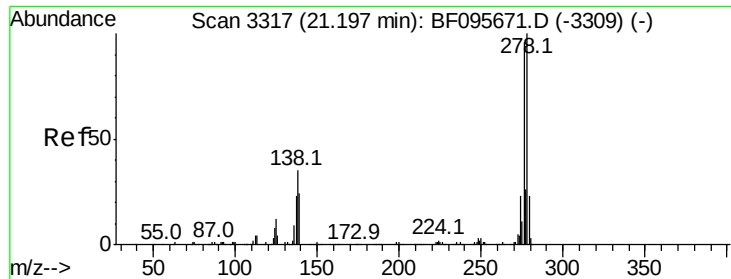
mohammad
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#82
Chrysene
Concen: 5.78 ng
RT: 18.30 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BF096045.D
Acq: 20 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	22.8	15.8	23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.04 ng

RT: 21.12 min Scan# 3338

Delta R.T. 0.02 min

Lab File: BF096045.D

Acq: 20 Jun 2017 15:21

Instrument :

BNA_F

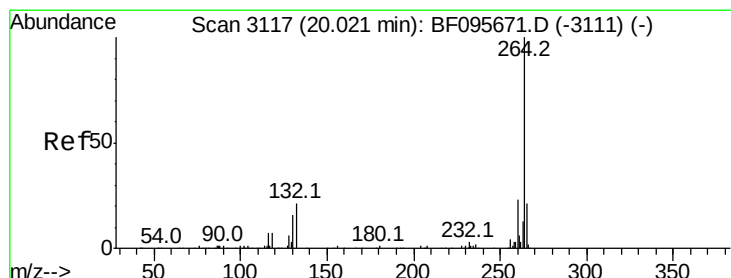
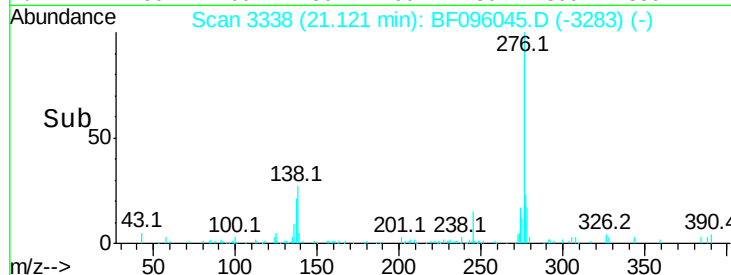
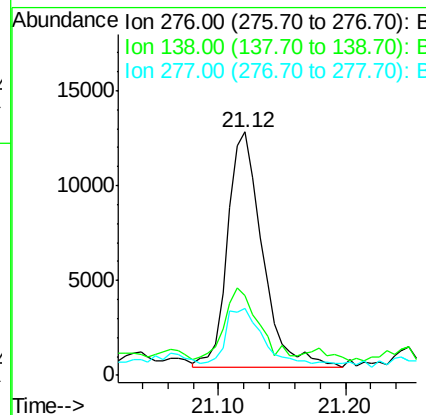
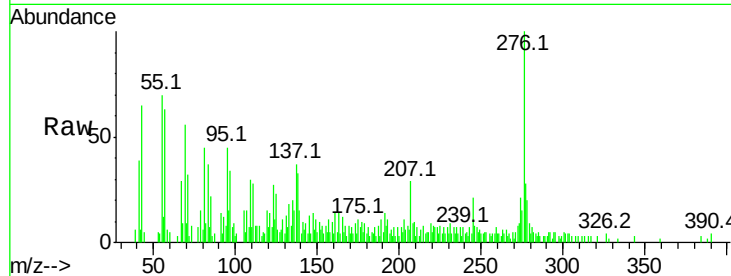
ClientSampleId :

NB-08-061417-C

Tot Ion:	276	Resp:	23661
Ion Ratio	Lower	Upper	
276	100		
138	33.0	27.8	41.6
277	24.3	20.2	30.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

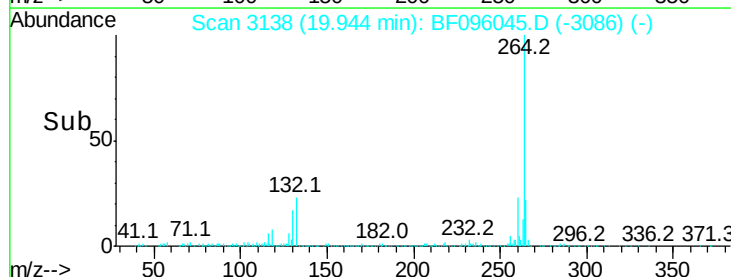
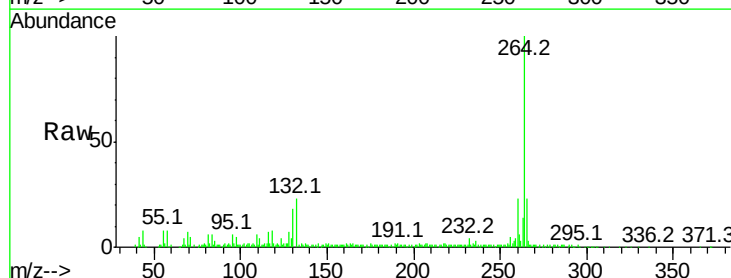
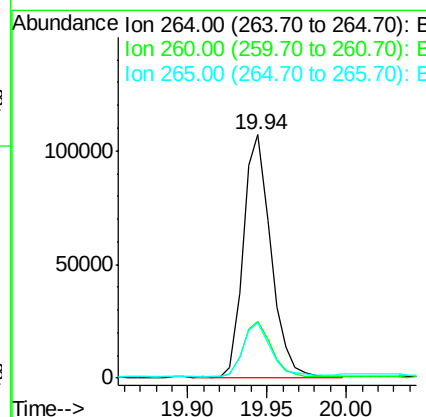
RT: 19.94 min Scan# 3138

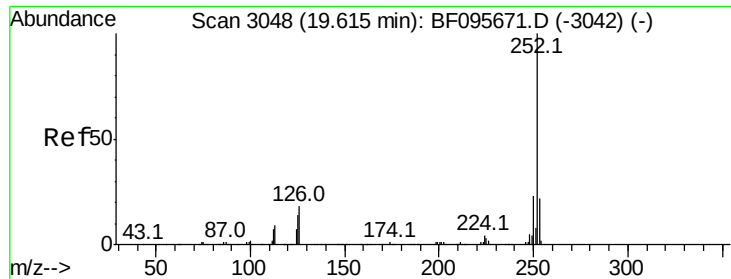
Delta R.T. 0.01 min

Lab File: BF096045.D

Acq: 20 Jun 2017 15:21

Tgt Ion:	264	Resp:	128227
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.5	29.3
265	22.9	17.2	25.8





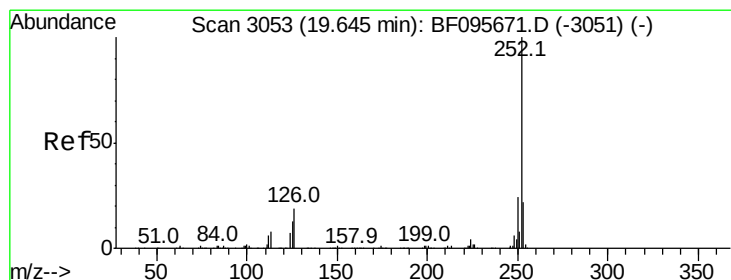
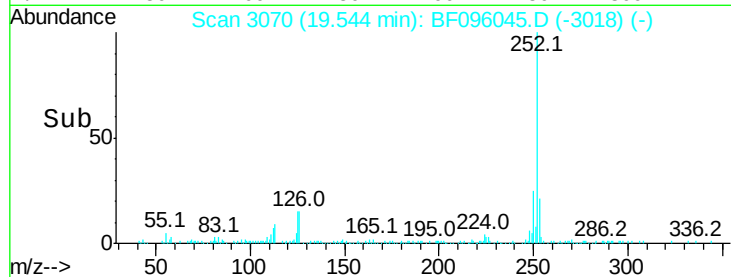
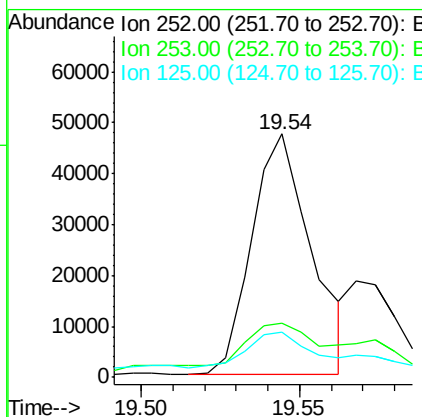
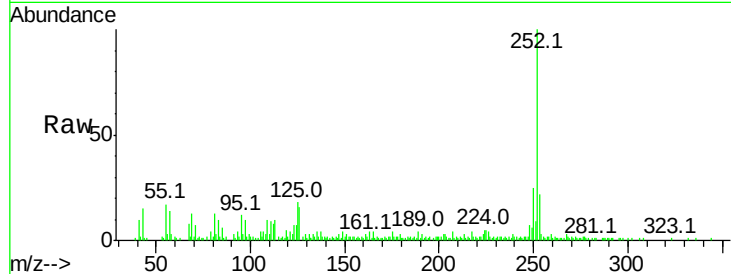
#87
Benzo(b)fluoranthene
Concen: 7.72 ng
RT: 19.54 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BF096045.D
Acq: 20 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
NB-08-061417-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	18.4	9.8	14.8

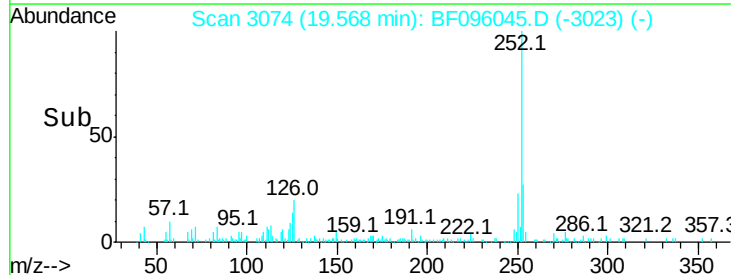
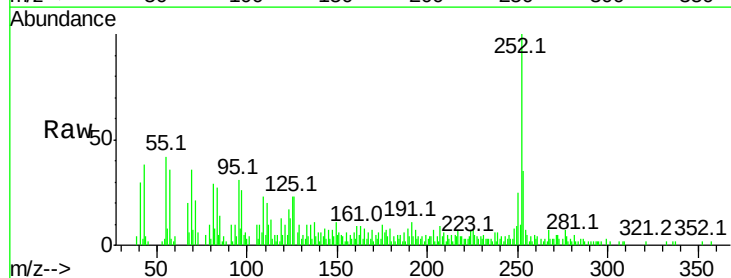
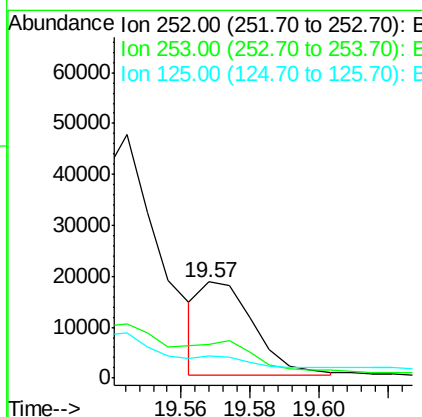
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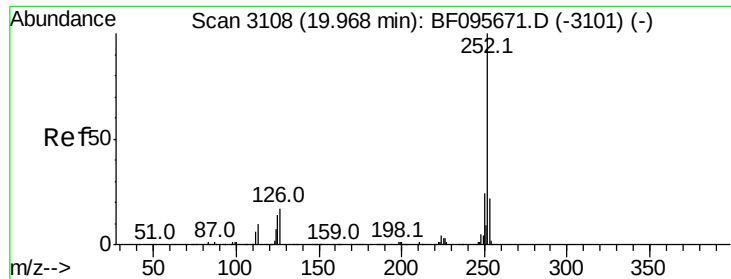
mohammad
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#88
Benzo(k)fluoranthene
Concen: 2.57 ng m
RT: 19.57 min Scan# 3074
Delta R.T. 0.00 min
Lab File: BF096045.D
Acq: 20 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.7	18.4	27.6
125	23.0	13.1	19.7





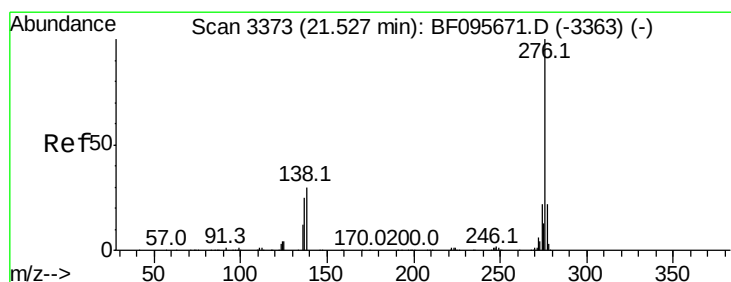
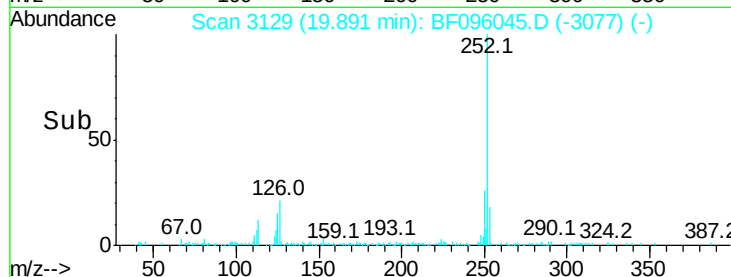
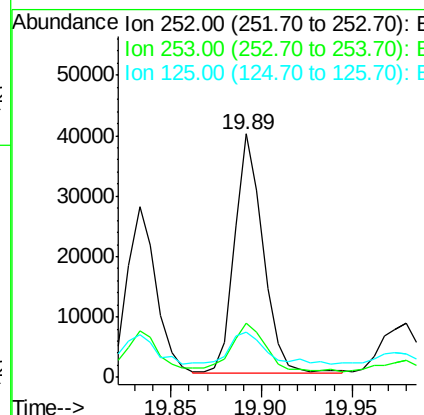
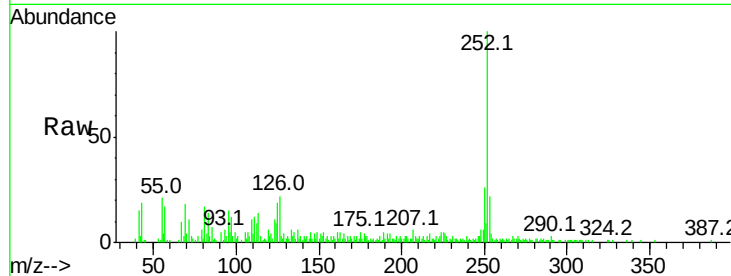
#89
Benzo(a)pyrene
Concen: 5.84 ng
RT: 19.89 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BF096045.D
Acq: 20 Jun 2017 15:21

Instrument :
BNA_F
ClientSampleId :
NB-08-061417-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	18.6	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.40 ng
RT: 21.44 min Scan# 3393
Delta R.T. 0.02 min
Lab File: BF096045.D
Acq: 20 Jun 2017 15:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	34.1	25.4	38.0

