

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095912.D
 Acq On : 14 Jun 2017 1:06
 Operator : SJ/MA
 Sample : I3628-02 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Manual Integrations
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Quant Time: Jun 14 05:51:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	79056	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	308065	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	122991	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	198357	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	153164	20.00	ng	-0.04
86) Perylene-d12	19.99	264	108261	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	119672	24.12	ng	0.07
7) Phenol-d6	6.99	99	213026	35.87	ng	0.03
23) Nitrobenzene-d5	8.27	82	135917	27.40	ng	-0.05
41) 2,4,6-Tribromophenol	13.51	330	11355	10.43	ng	-0.04
44) 2-Fluorobiphenyl	11.16	172	261874	29.63	ng	-0.06
78) Terphenyl-d14	16.97	244	177807	28.81	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	11.86	163	31799	3.41	ng	96
70) Phenanthrene	14.63	178	69908	6.11	ng	96
71) Anthracene	14.73	178	28364	2.37	ng	96
74) Fluoranthene	16.42	202	163056	14.39	ng	98
77) Pyrene	16.72	202	152585	13.35	ng	96
80) Benzo(a)anthracene	18.31	228	61062	6.86	ng	94
82) Chrysene	18.35	228	58607	6.59	ng	98
83) Bis(2-ethylhexyl)phthalate	18.40	149	91112	12.94	ng	# 98
85) Indeno(1,2,3-cd)pyrene	21.17	276	23424	3.08	ng	97
87) Benzo(b)fluoranthene	19.59	252	59586m	8.79	ng	
88) Benzo(k)fluoranthene	19.62	252	19899m	3.07	ng	
89) Benzo(a)pyrene	19.94	252	43457	6.97	ng	# 90
91) Benzo(a,h,i)perylene	21.51	276	22734	4.22	ng	# 93

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

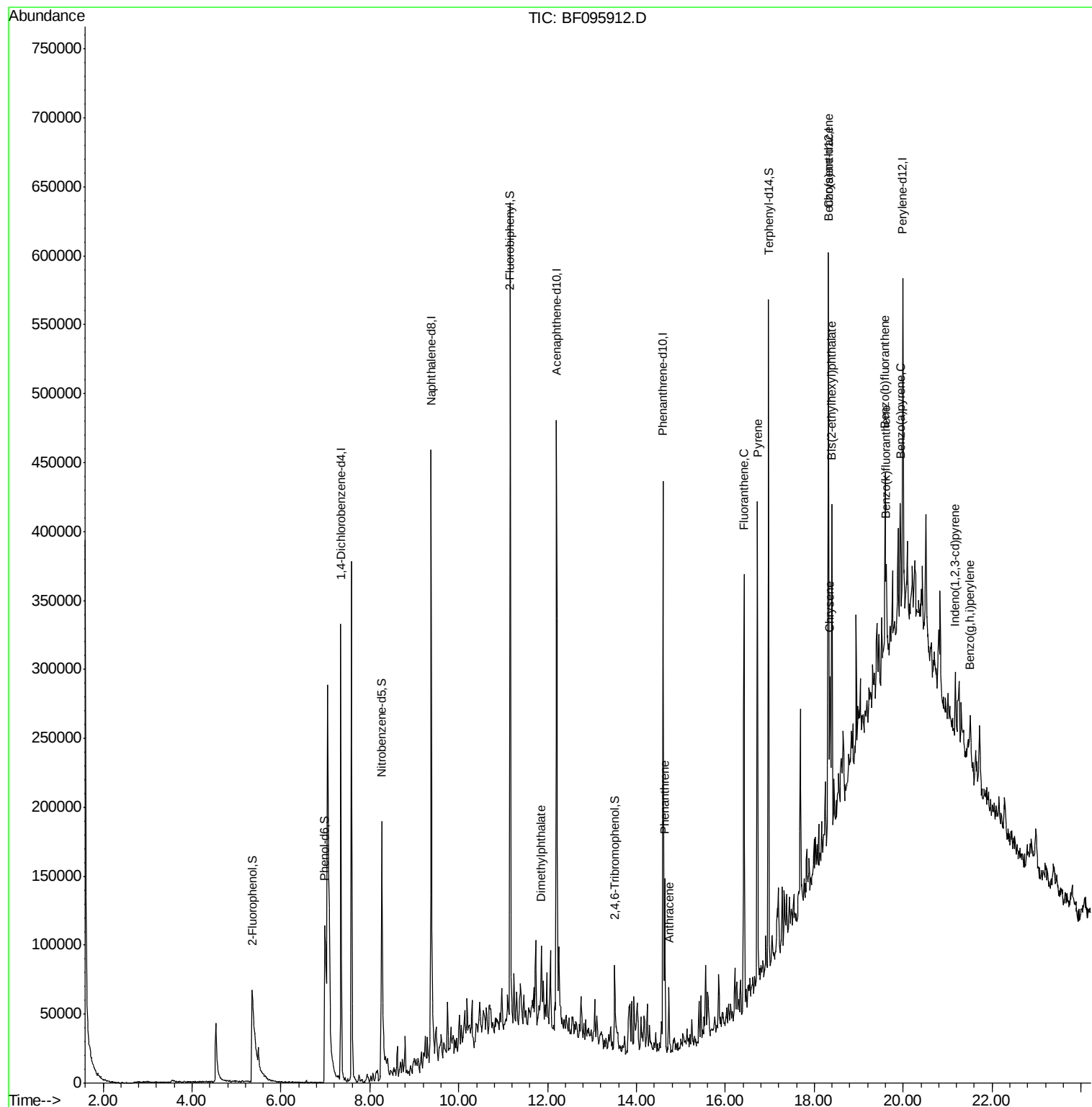
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095912.D
Acq On : 14 Jun 2017 1:06
Operator : SJ/MA
Sample : I3628-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

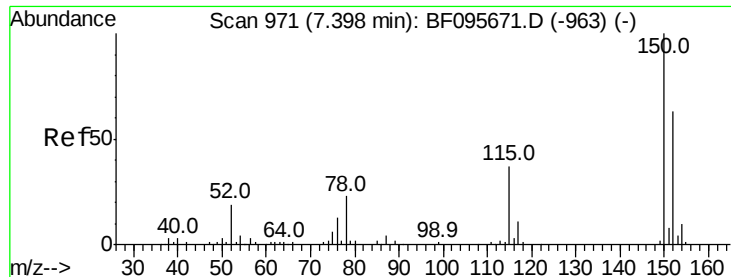
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

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Quant Time: Jun 14 05:51:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

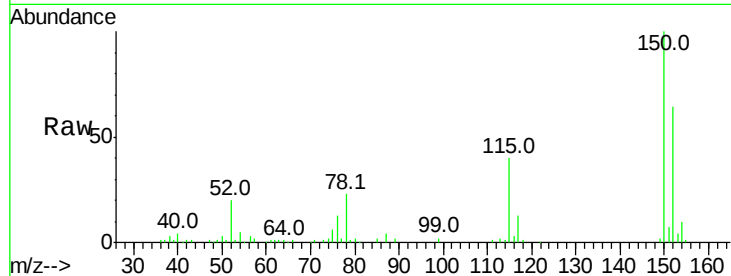
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 979
Delta R.T. -0.05 min
Lab File: BF095912.D
Acq: 14 Jun 2017 1:06

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	62.2	52.2	78.2

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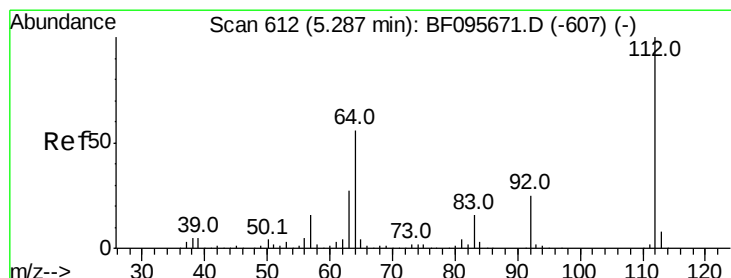
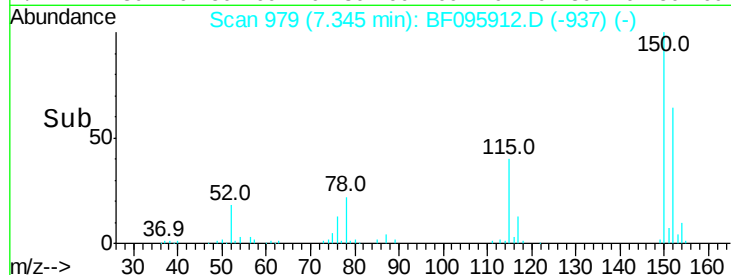
Abundance

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

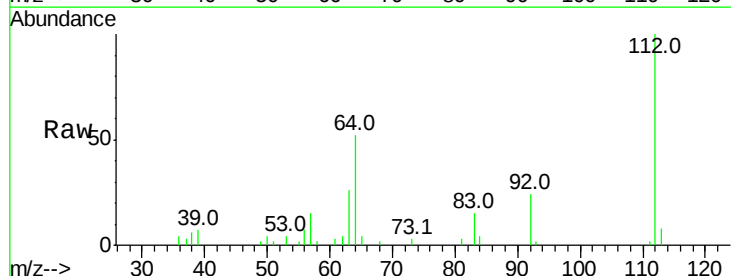
Time-->



#5

2-Fluorophenol
Concen: 24.12 ng
RT: 5.36 min Scan# 641
Delta R.T. 0.07 min
Lab File: BF095912.D
Acq: 14 Jun 2017 1:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	46.0	69.0
63	25.5	23.4	35.0



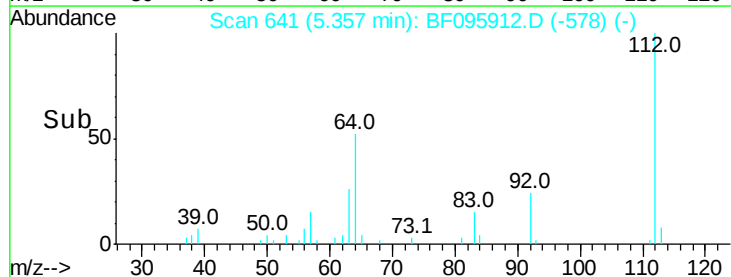
Abundance

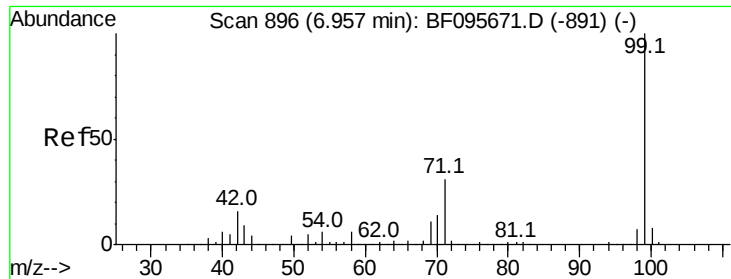
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->





#7

Phenol-d6

Concen: 35.87 ng

RT: 6.99 min Scan# 918

Delta R.T. 0.03 min

Lab File: BF095912.D

Acq: 14 Jun 2017 1:06

Instrument :

BNA_F

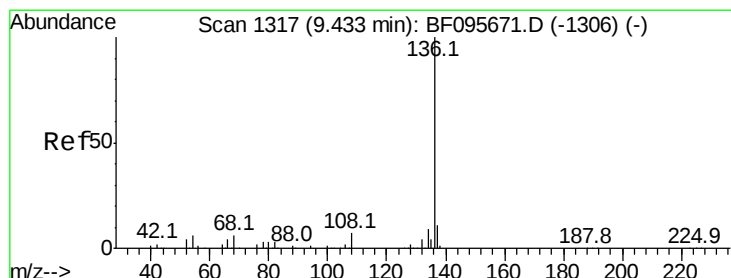
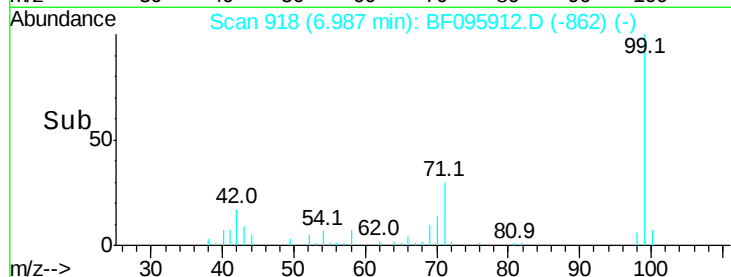
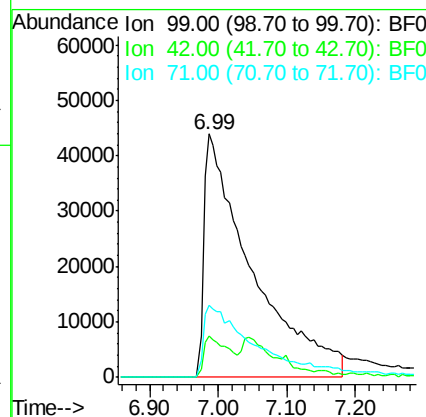
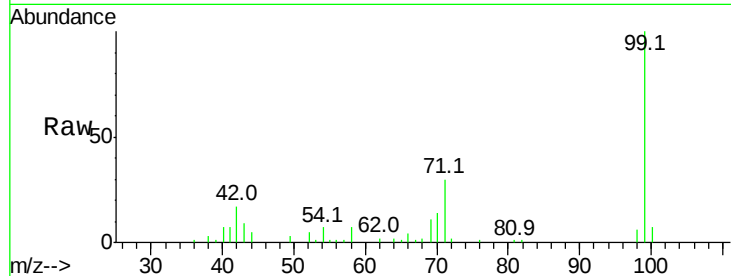
ClientSampleId :

COMPOSITE-1

Tot Ion:	99	Resp:	213026
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.5	20.3
71	29.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

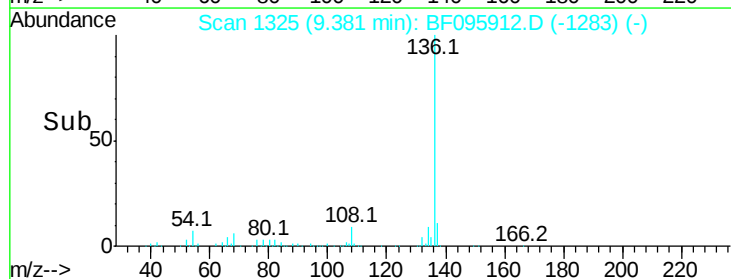
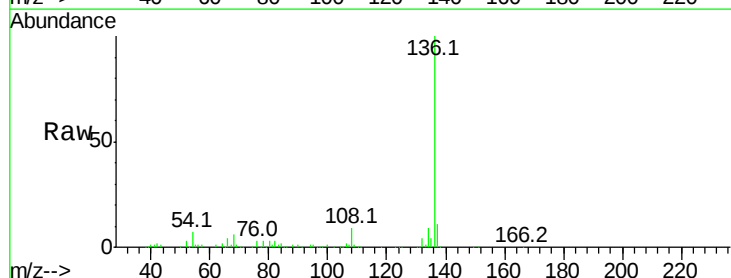
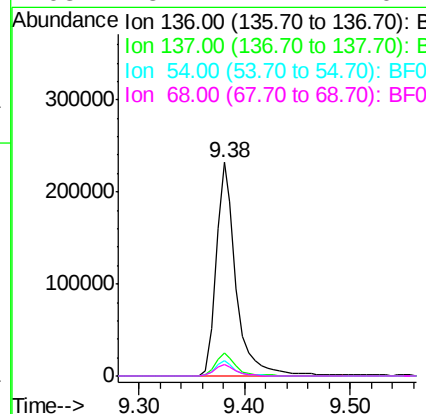
RT: 9.38 min Scan# 1325

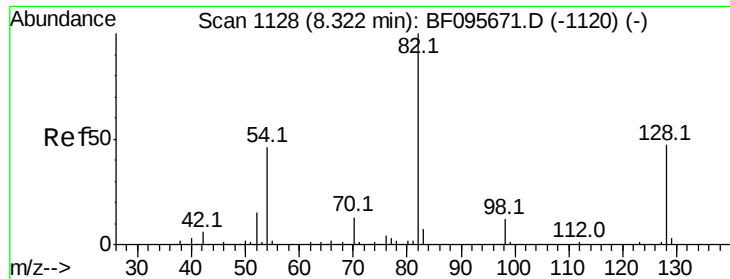
Delta R.T. -0.05 min

Lab File: BF095912.D

Acq: 14 Jun 2017 1:06

Tgt Ion:	136	Resp:	308065
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	6.9	4.9	7.3
68	5.7	4.1	6.1





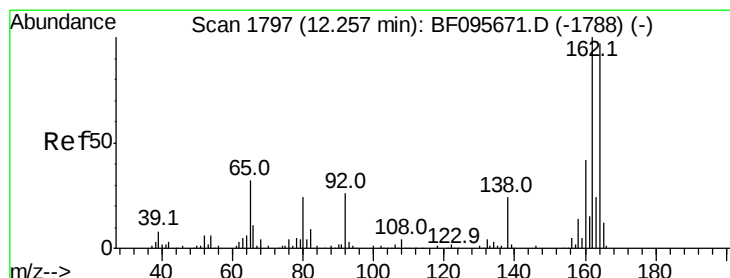
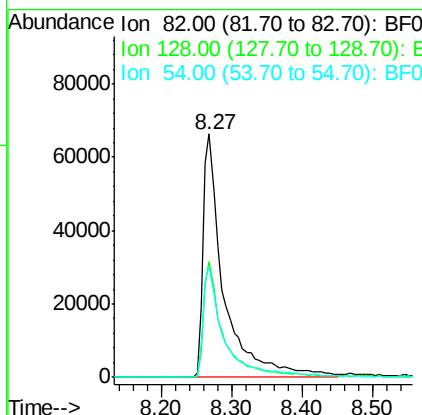
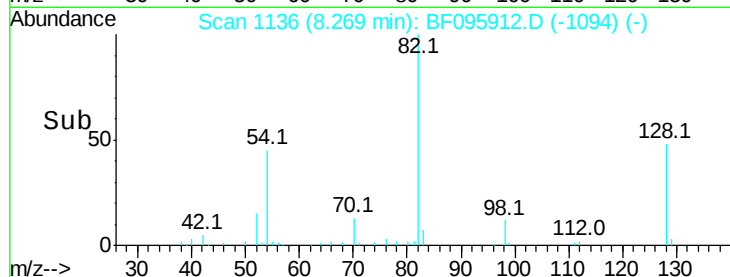
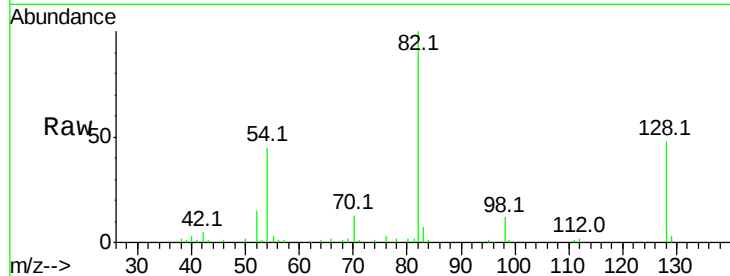
#23
 Nitrobenzene-d5
 Concen: 27.40 ng
 RT: 8.27 min Scan# 1136
 Delta R.T. -0.05 min
 Lab File: BF095912.D
 Acq: 14 Jun 2017 1:06

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.7	34.0	51.0	
54	45.1	42.2	63.2	

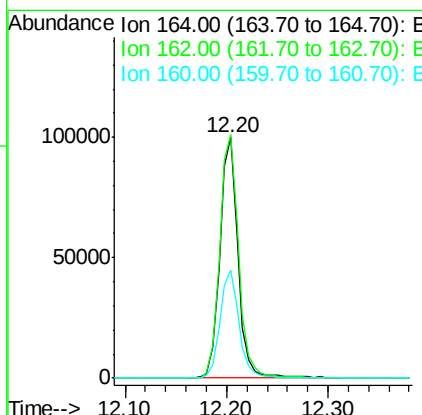
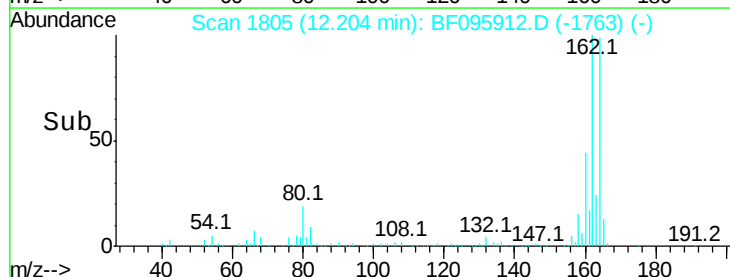
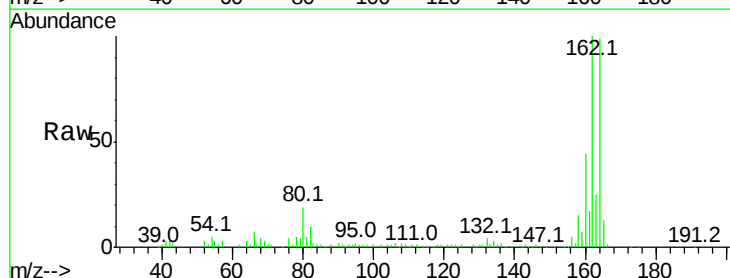
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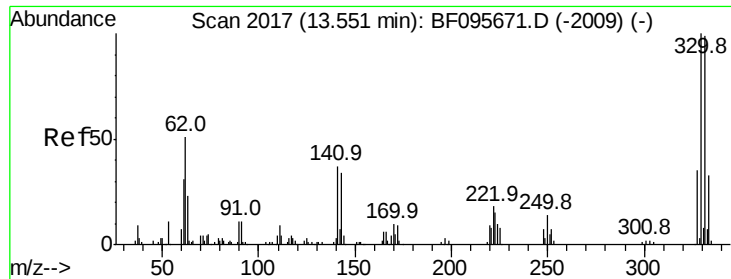
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.20 min Scan# 1805
 Delta R.T. -0.05 min
 Lab File: BF095912.D
 Acq: 14 Jun 2017 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	82.6	123.8	
160	44.9	36.2	54.2	





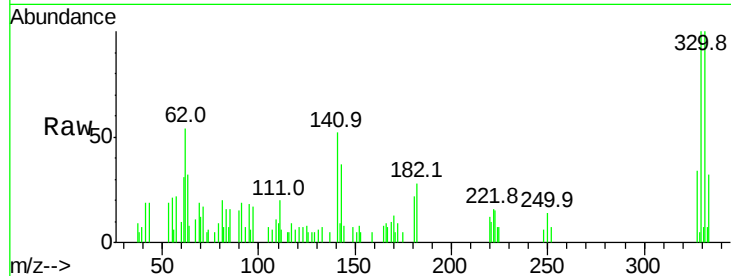
#41
 2,4,6-Tribromophenol
 Concen: 10.43 ng
 RT: 13.51 min Scan# 2027
 Delta R.T. -0.04 min
 Lab File: BF095912.D
 Acq: 14 Jun 2017 1:06

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

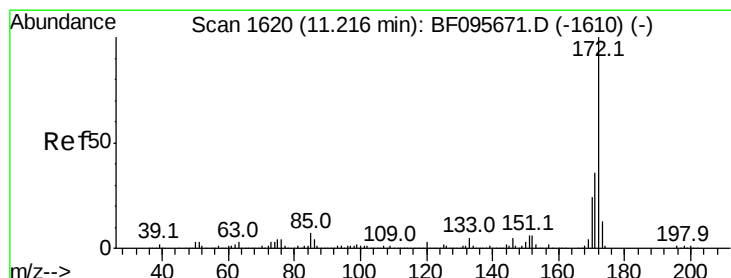
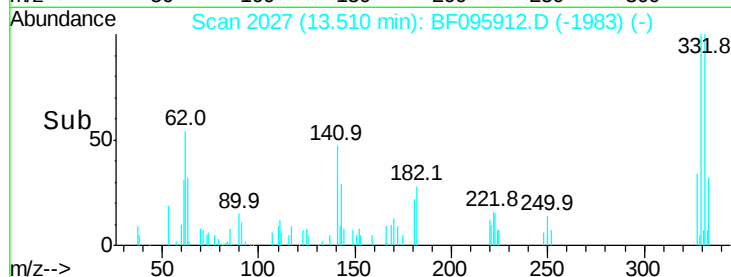
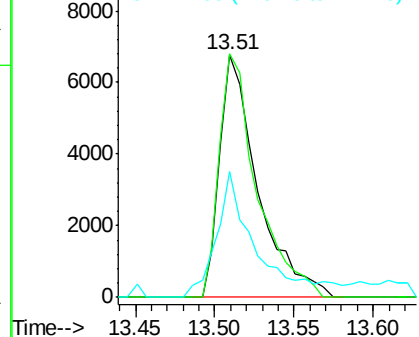
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.0	76.6	115.0	
141	54.8	31.4	47.2	

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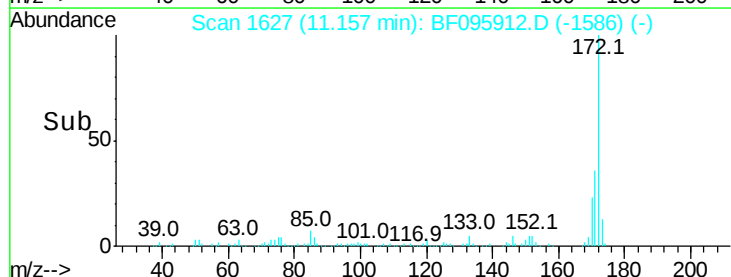
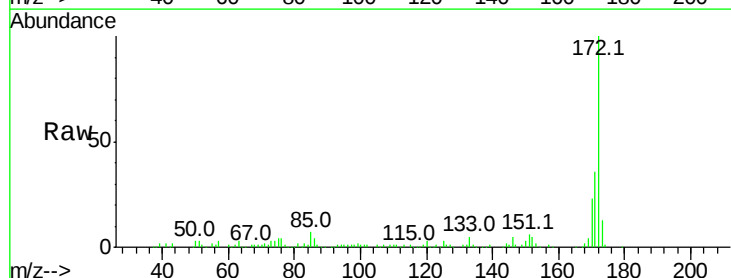
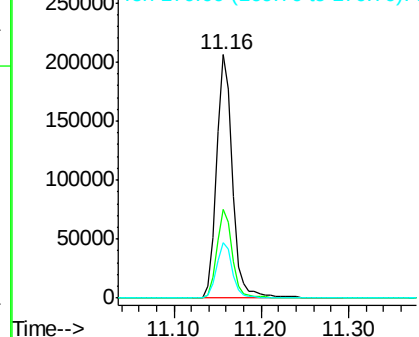
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

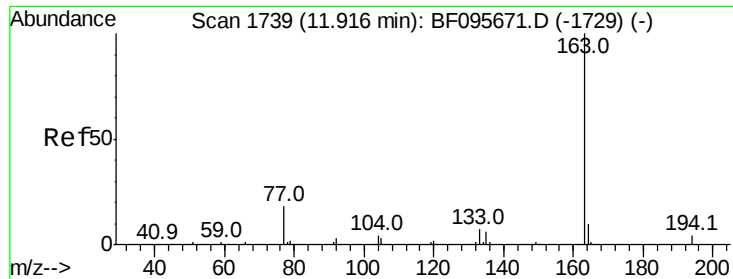


#44
 2-Fluorobiphenyl
 Concen: 29.63 ng
 RT: 11.16 min Scan# 1627
 Delta R.T. -0.06 min
 Lab File: BF095912.D
 Acq: 14 Jun 2017 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.2	29.6	44.4	
170	23.0	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





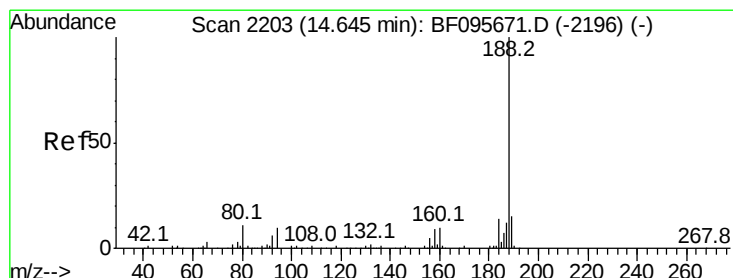
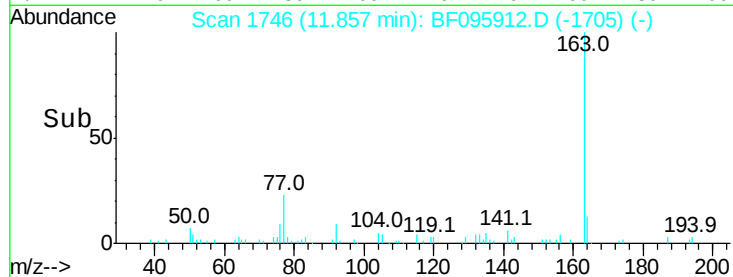
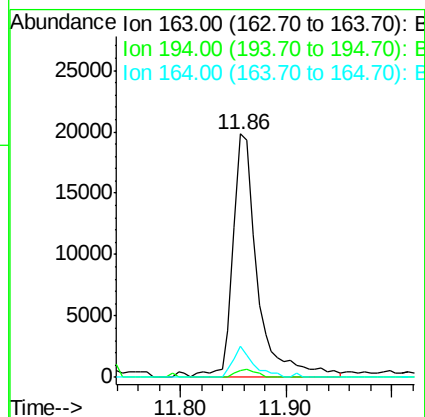
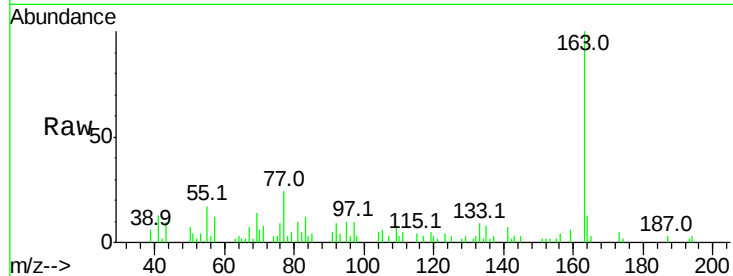
#49
Dimethylphthalate
Concen: 3.41 ng
RT: 11.86 min Scan# 1746
Delta R.T. -0.06 min
Lab File: BF095912.D
Acq: 14 Jun 2017 1:06

Instrument :
BNA_F
ClientSampled :
COMPOSITE-1

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	12.6	8.4	12.6

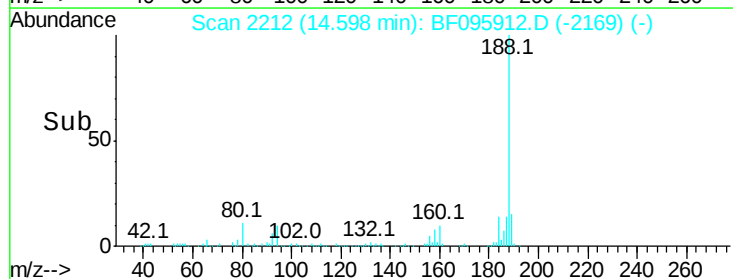
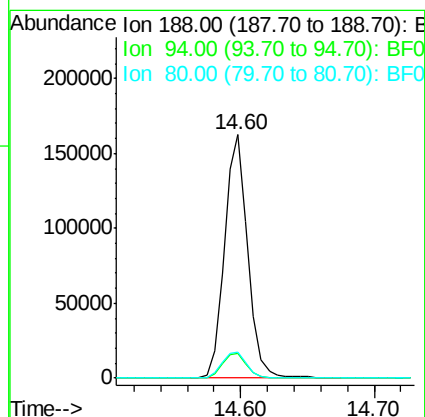
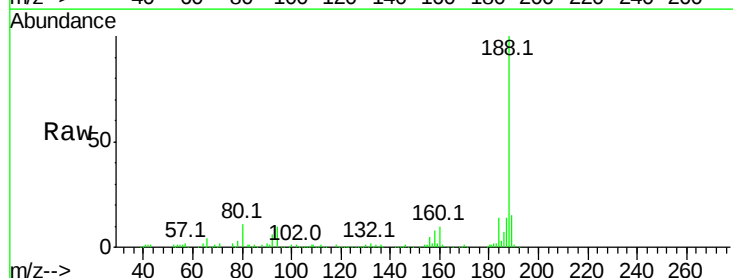
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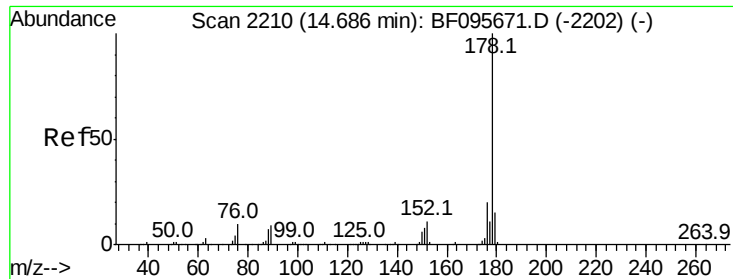
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095912.D
Acq: 14 Jun 2017 1:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.8	10.2	15.2





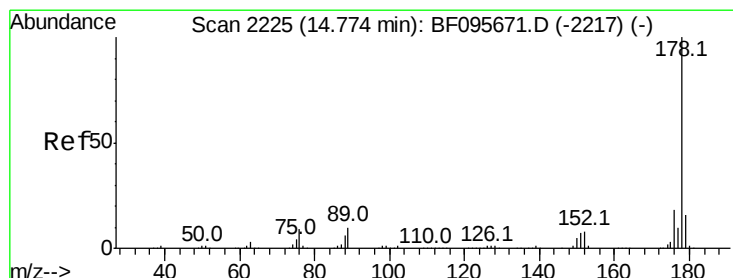
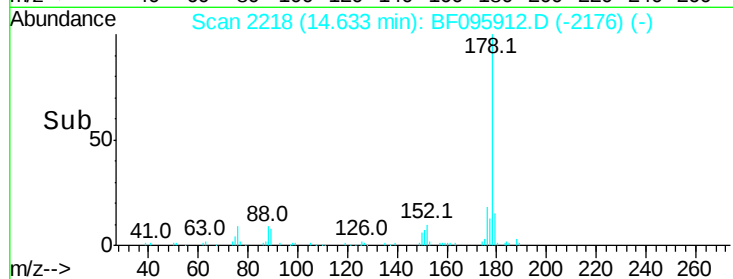
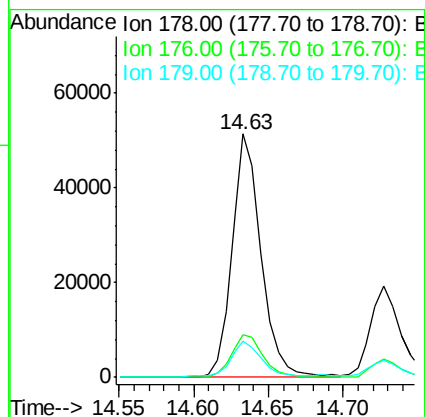
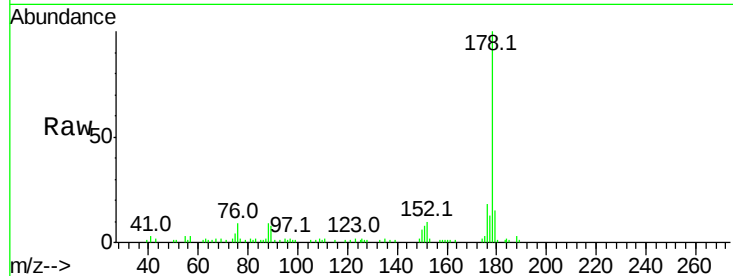
#70
Phenanthrene
Concen: 6.11 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.05 min
Lab File: BF095912.D
Acq: 14 Jun 2017 1:06

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.2	24.4
179	14.8	12.6	19.0

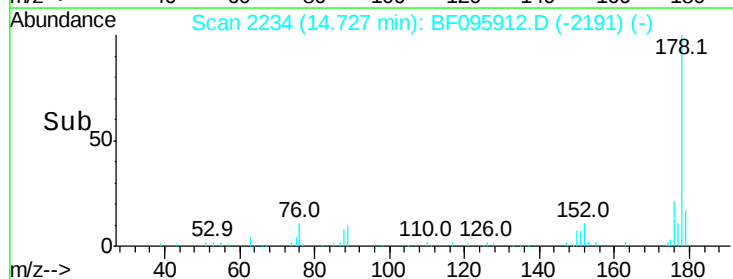
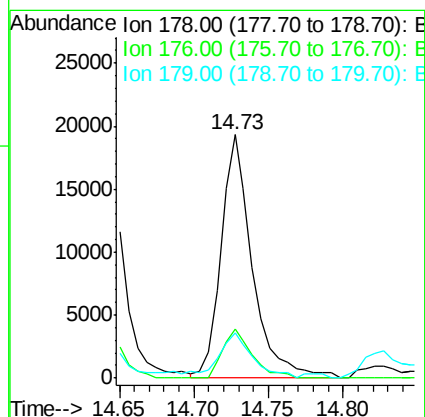
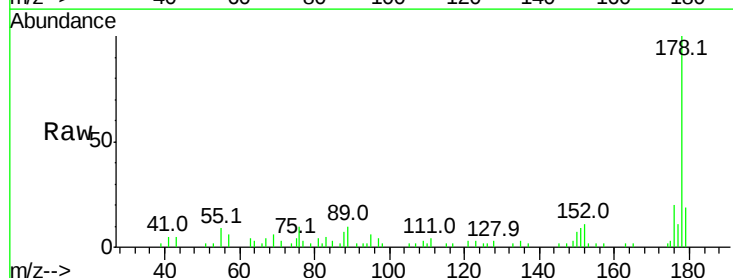
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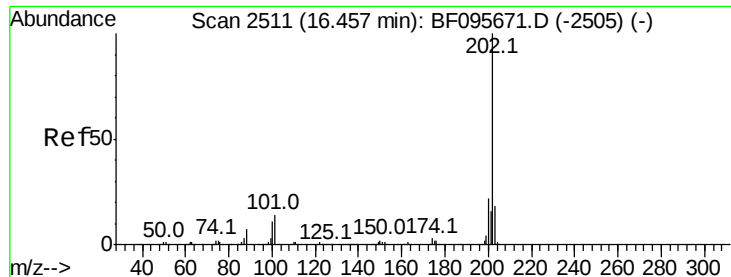
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#71
Anthracene
Concen: 2.37 ng
RT: 14.73 min Scan# 2234
Delta R.T. -0.05 min
Lab File: BF095912.D
Acq: 14 Jun 2017 1:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	18.7	12.7	19.1





#74

Fluoranthene

Concen: 14.39 ng

RT: 16.42 min Scan# 2521

Delta R.T. -0.04 min

Lab File: BF095912.D

Acq: 14 Jun 2017 1:06

Instrument :

BNA_F

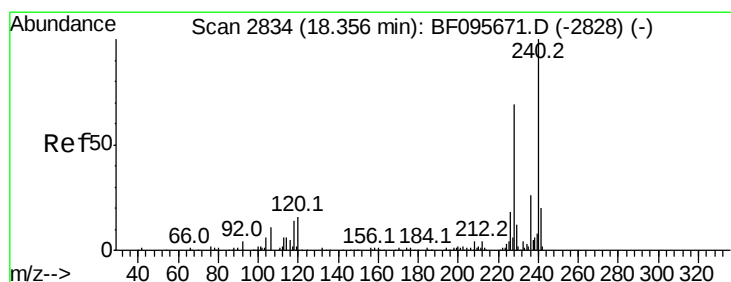
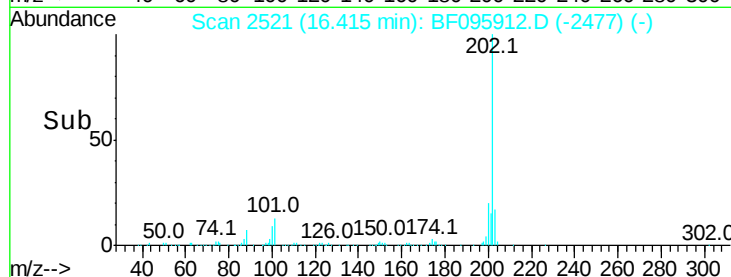
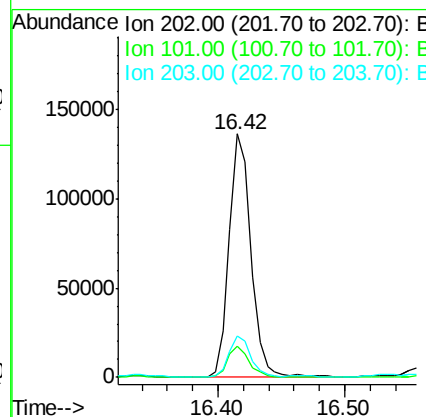
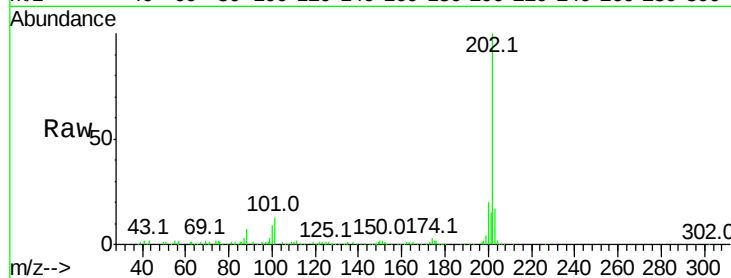
ClientSampleId :

COMPOSITE-1

Tot Ion:	202	Resp:	163056
Ion Ratio		Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.0	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

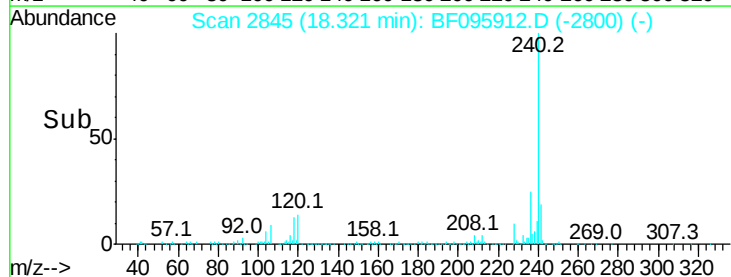
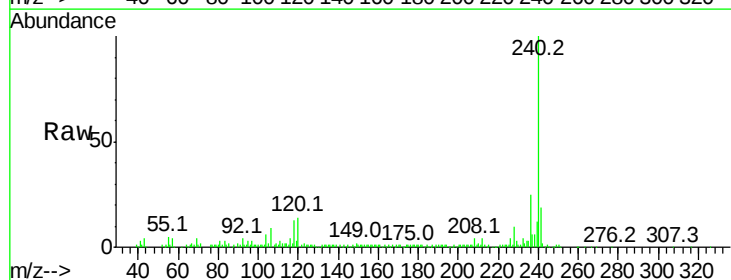
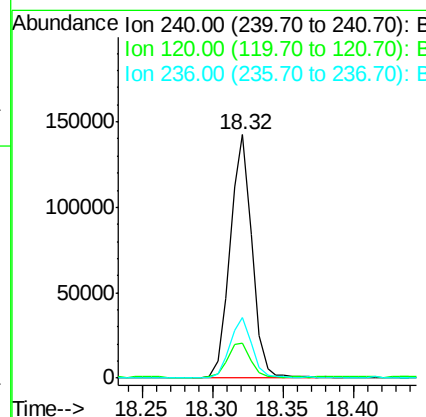
RT: 18.32 min Scan# 2845

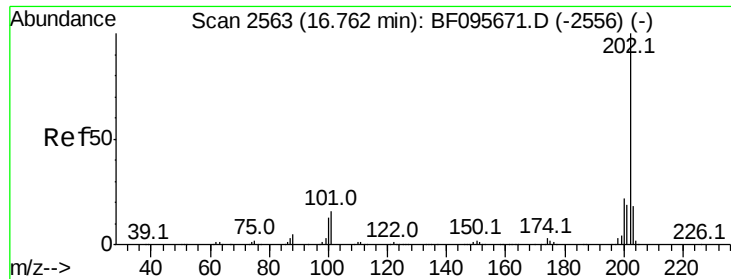
Delta R.T. -0.04 min

Lab File: BF095912.D

Acq: 14 Jun 2017 1:06

Tgt Ion:	240	Resp:	153164
Ion Ratio		Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	24.9	20.5	30.7





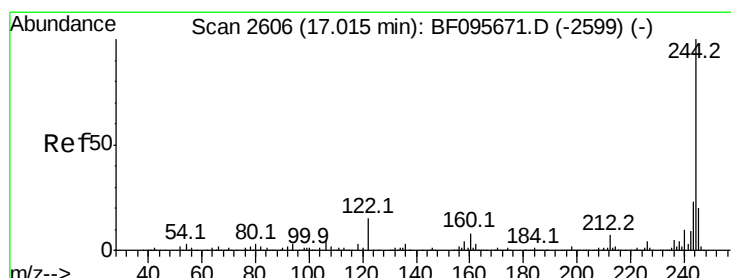
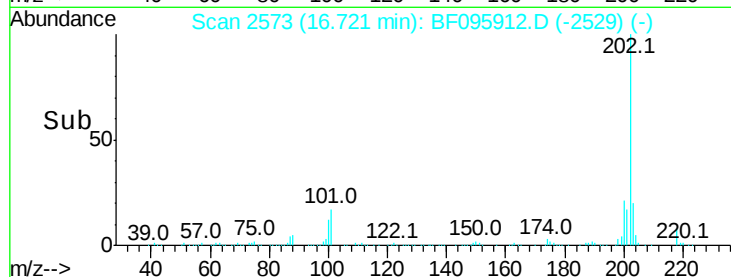
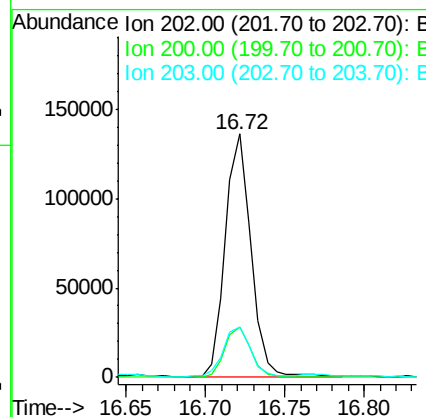
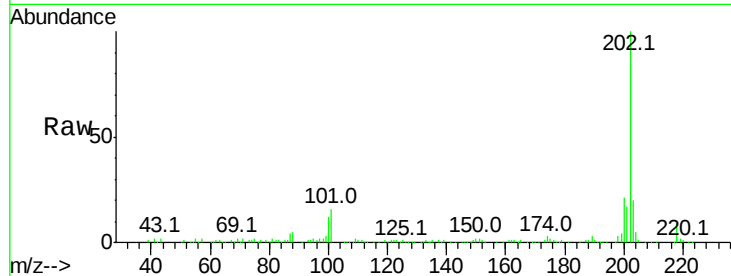
#77
Pvrene
Concen: 13.35 ng
RT: 16.72 min Scan# 2573
Delta R.T. -0.04 min
Lab File: BF095912.D
Acq: 14 Jun 2017 1:06

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.6	26.4
203	20.4	14.4	21.6

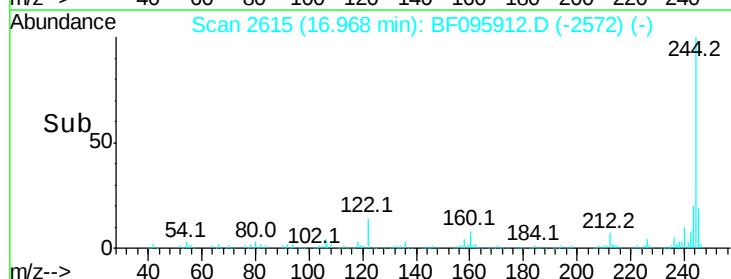
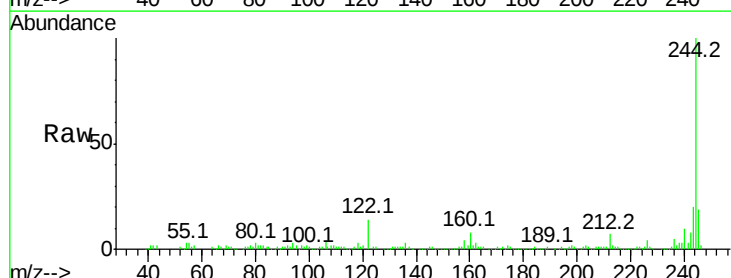
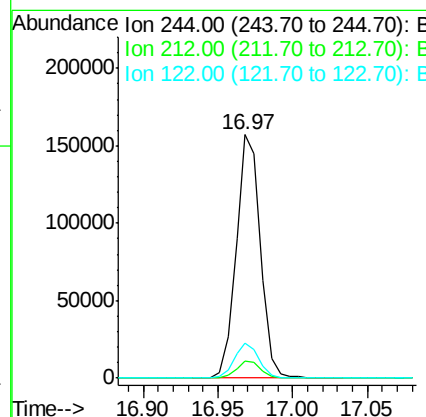
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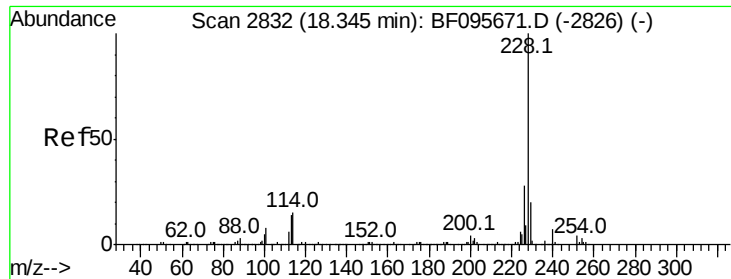
mohammad
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#78
Terphenyl-d14
Concen: 28.81 ng
RT: 16.97 min Scan# 2615
Delta R.T. -0.05 min
Lab File: BF095912.D
Acq: 14 Jun 2017 1:06

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.4	10.3	15.5





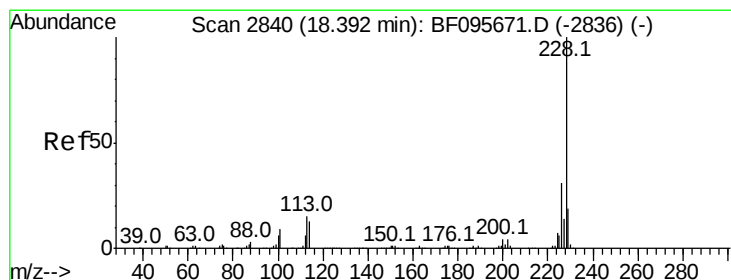
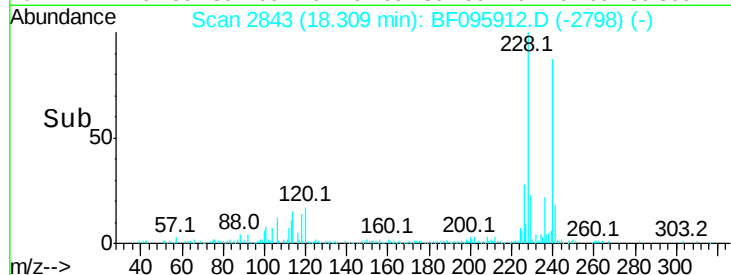
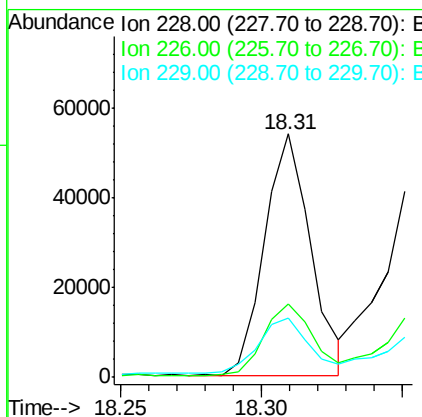
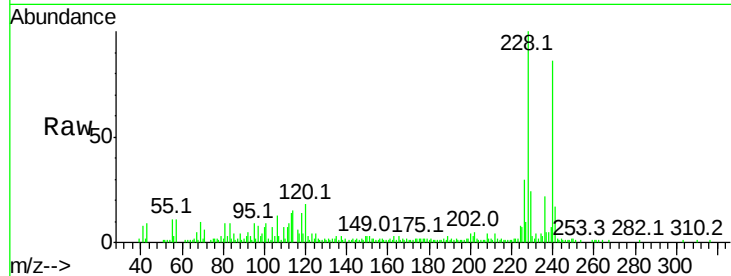
#80
Benzo(a)anthracene
Concen: 6.86 ng
RT: 18.31 min Scan# 2843
Delta R.T. -0.04 min
Lab File: BF095912.D
Acq: 14 Jun 2017 1:06

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	24.3	16.3	24.5

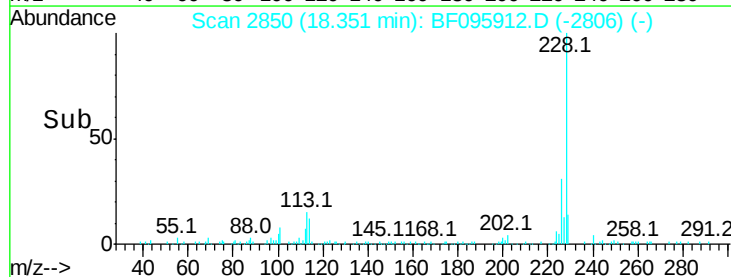
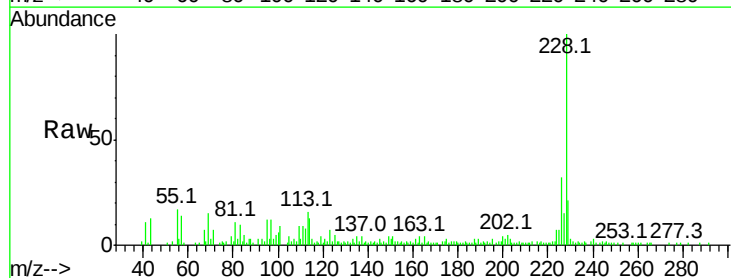
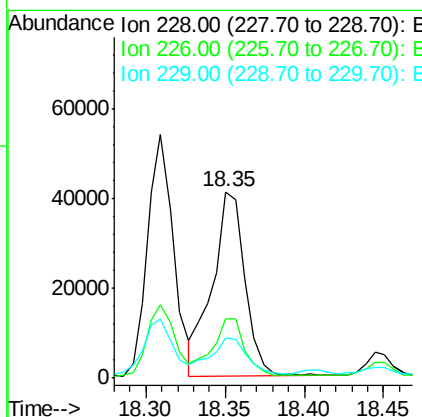
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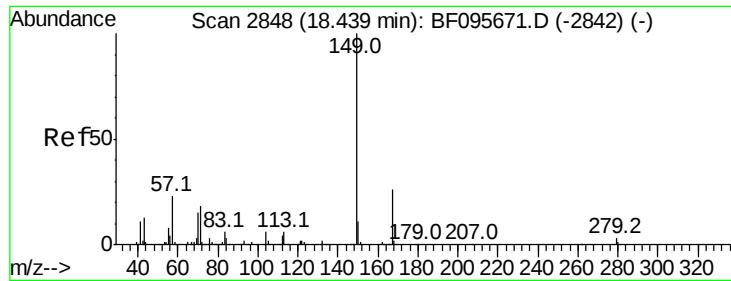
mohammad
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#82
Chrysene
Concen: 6.59 ng
RT: 18.35 min Scan# 2850
Delta R.T. -0.04 min
Lab File: BF095912.D
Acq: 14 Jun 2017 1:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	21.3	15.8	23.6





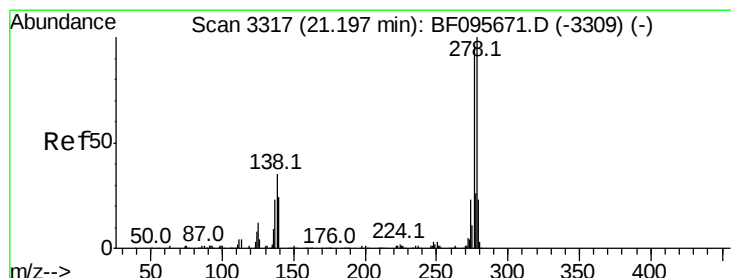
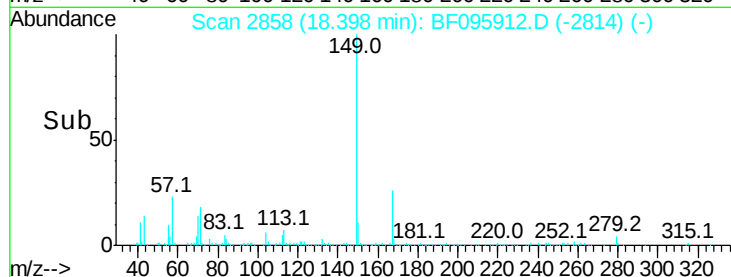
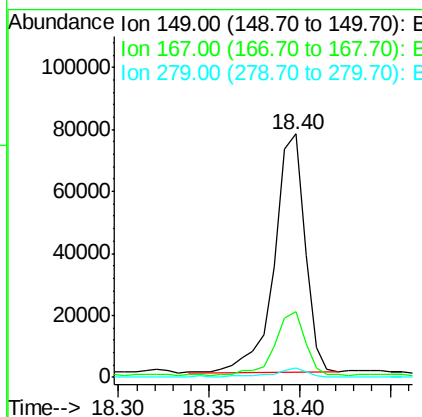
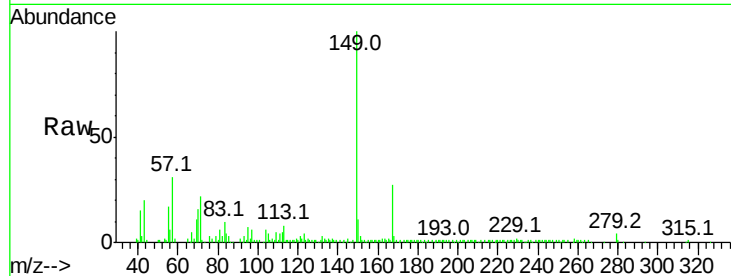
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 12.94 ng
 RT: 18.40 min Scan# 2858
 Delta R.T. -0.04 min
 Lab File: BF095912.D
 Acq: 14 Jun 2017 1:06

Instrument :
 BNA_F
 ClientSampled :
 COMPOSITE-1

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.9	21.0	31.4
279	3.9	1.9	2.9#

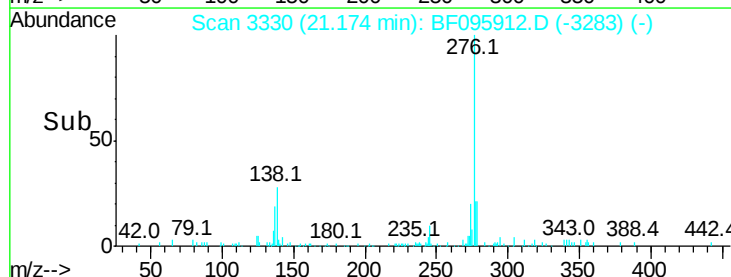
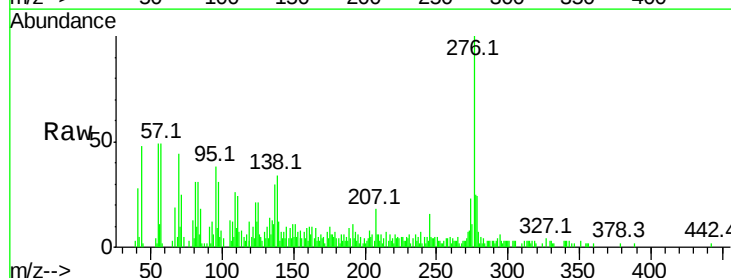
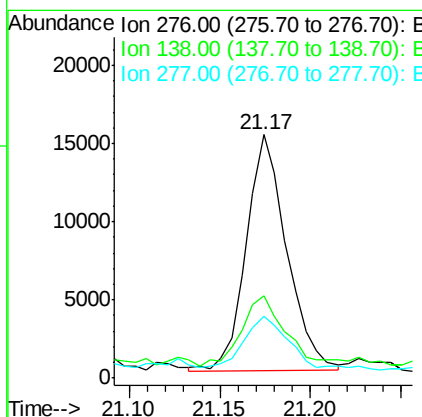
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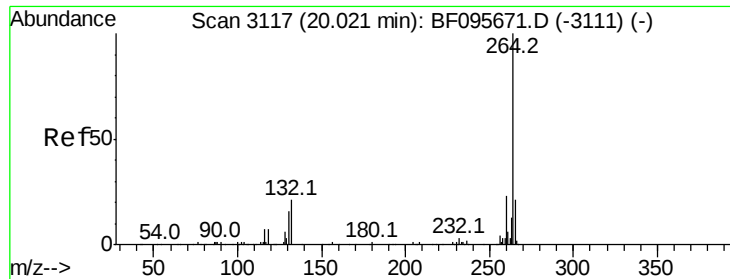
mohammad
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.08 ng
 RT: 21.17 min Scan# 3330
 Delta R.T. -0.02 min
 Lab File: BF095912.D
 Acq: 14 Jun 2017 1:06

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	32.8	27.8	41.6
277	26.3	20.2	30.4





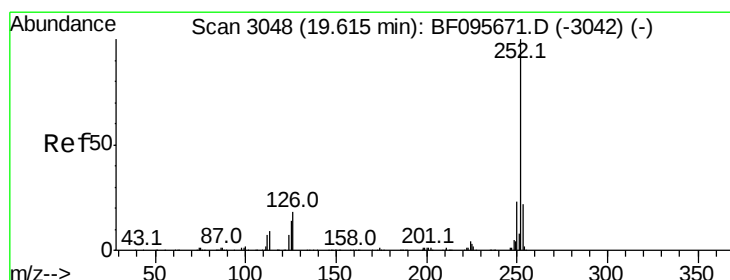
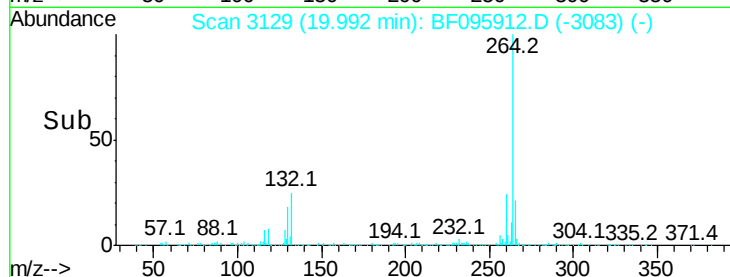
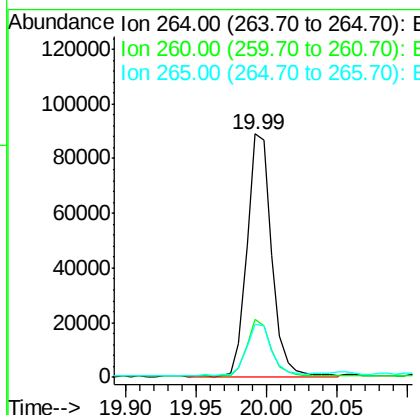
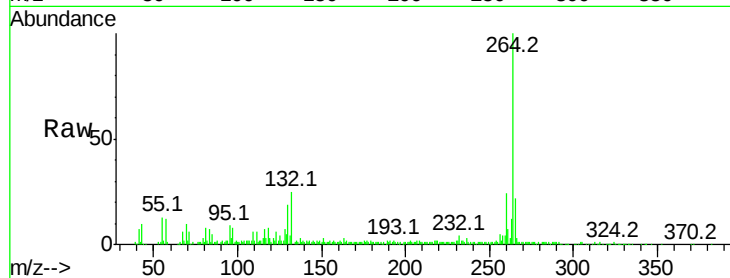
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.99 min Scan# 3129
Delta R.T. -0.03 min
Lab File: BF095912.D
Acq: 14 Jun 2017 1:06

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.6	17.2	25.8

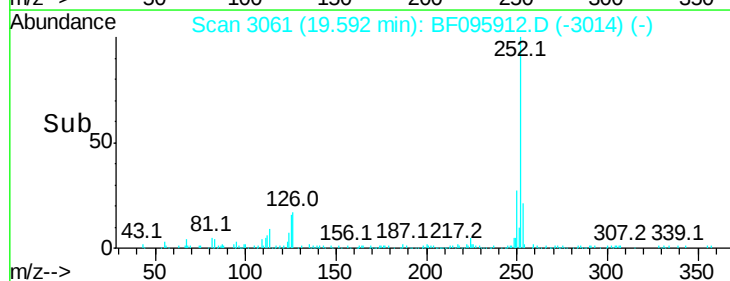
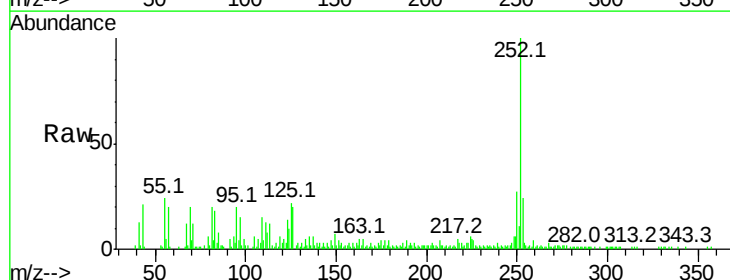
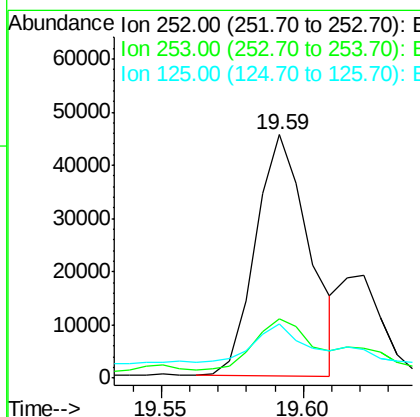
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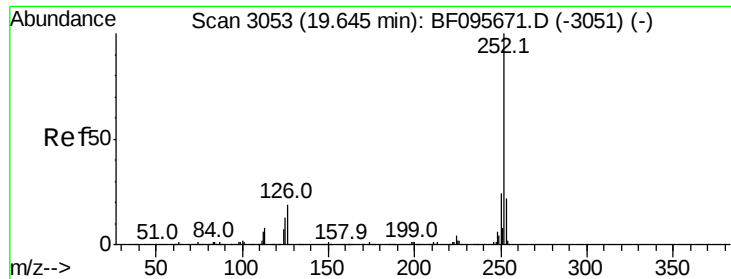
mohammad
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#87
Benzo(b)fluoranthene
Concen: 8.79 ng m
RT: 19.59 min Scan# 3061
Delta R.T. -0.02 min
Lab File: BF095912.D
Acq: 14 Jun 2017 1:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	22.3	9.8	14.8





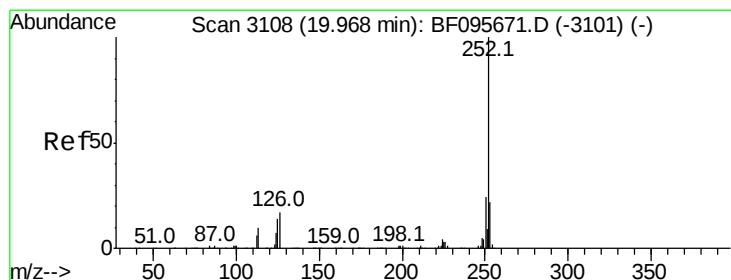
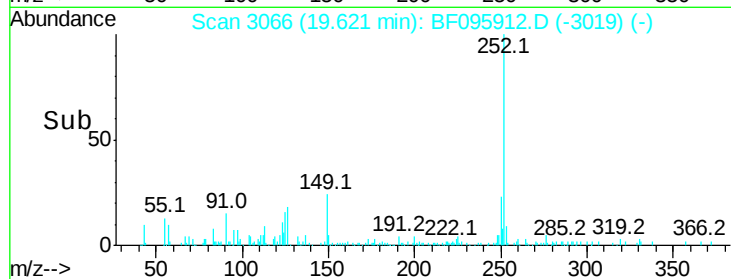
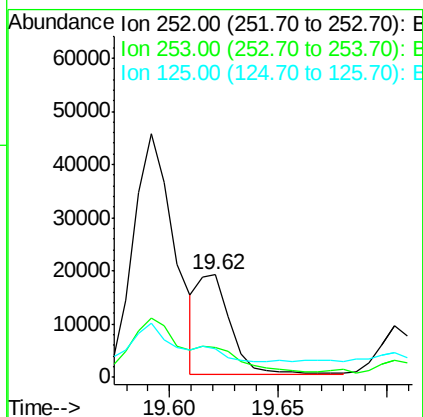
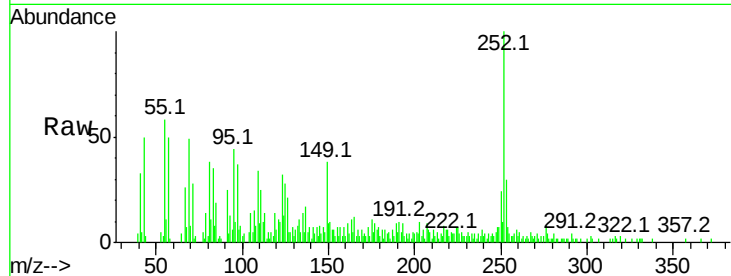
#88
Benzo(k)fluoranthene
Concen: 3.07 ng m
RT: 19.62 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BF095912.D
Acq: 14 Jun 2017 1:06

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.7	18.4	27.6#
125	28.1	13.1	19.7#

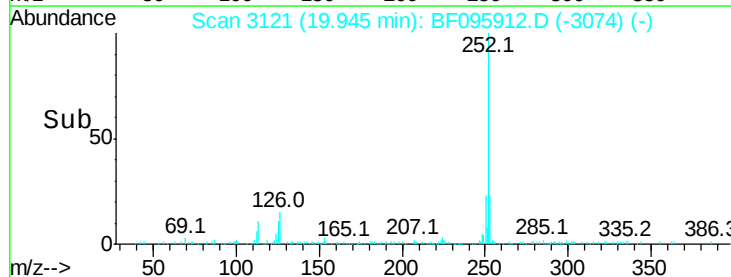
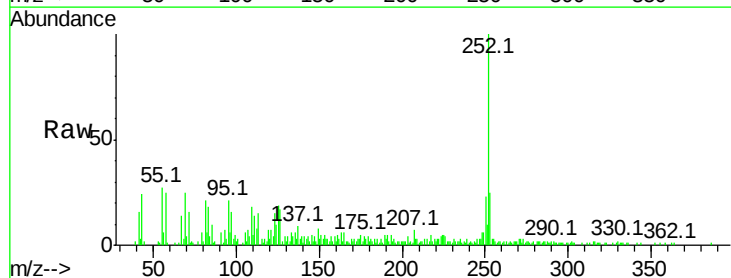
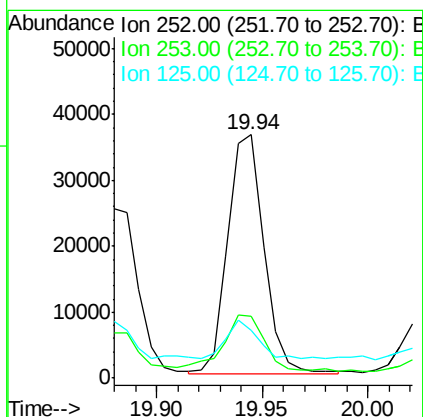
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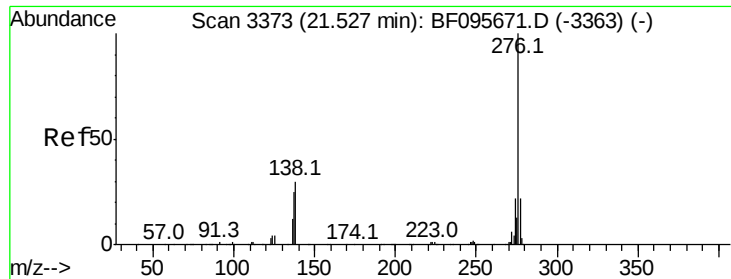
mohammad
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#89
Benzo(a)pyrene
Concen: 6.97 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095912.D
Acq: 14 Jun 2017 1:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.5	26.3
125	19.5	11.0	16.4#





#91
 Benzo(a,h,i)perylene
 Concen: 4.22 ng
 RT: 21.51 min Scan# 3387
 Delta R.T. -0.02 min
 Lab File: BF095912.D
 Acq: 14 Jun 2017 1:06

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	28.4	18.6	28.0	
138	34.4	25.4	38.0	

Manual Integrations
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