

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095666.D
 Acq On : 3 Jun 2017 9:41
 Operator : SJ/MA
 Sample : I3415-03 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-ESW

Manual Integrations
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mohammad
 6/6/2017 8:49:47 AM

Quant Time: Jun 05 07:15:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	98269	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	382768	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	131794	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	218750	20.00	ng	0.00
75) Chrysene-d12	18.50	240	189833	20.00	ng	0.00
86) Perylene-d12	20.17	264	113785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	322560	54.72	ng	0.01
7) Phenol-d6	7.09	99	415087	58.69	ng	0.00
23) Nitrobenzene-d5	8.45	82	228220	37.60	ng	-0.01
41) 2,4,6-Tribromophenol	13.70	330	46528	43.11	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	389483	42.54	ng	0.00
78) Terphenyl-d14	17.14	244	246714	28.63	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.12	94	39799	5.34	ng	86
49) Dimethylphthalate	12.04	163	118388	10.94	ng	98
51) Acenaphthene	12.44	154	22611	2.70	ng	92
57) Fluorene	13.30	166	21372	2.12	ng	98
70) Phenanthrene	14.83	178	315018	25.06	ng	98
71) Anthracene	14.93	178	78741m	6.13	ng	
72) Carbazole	15.23	167	41214	3.53	ng	96
73) Di-n-butylphthalate	15.78	149	69495	4.77	ng	99
74) Fluoranthene	16.60	202	433733	33.64	ng	99
77) Pyrene	16.90	202	379549	26.73	ng	95
80) Benzo(a)anthracene	18.49	228	153301	13.88	ng	97
82) Chrysene	18.53	228	139704	13.08	ng	98
85) Indeno(1,2,3-cd)pyrene	21.43	276	49740	5.73	ng	92
87) Benzo(b)fluoranthene	19.77	252	130879m	18.61	ng	
88) Benzo(k)fluoranthene	19.79	252	45125m	6.65	ng	
89) Benzo(a)pyrene	20.12	252	87616	13.50	ng	# 95
90) Dibenzo(a,h)anthracene	21.42	278	12852	2.40	ng	# 75
91) Benzo(g,h,i)perylene	21.79	276	45374	8.63	ng	95

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

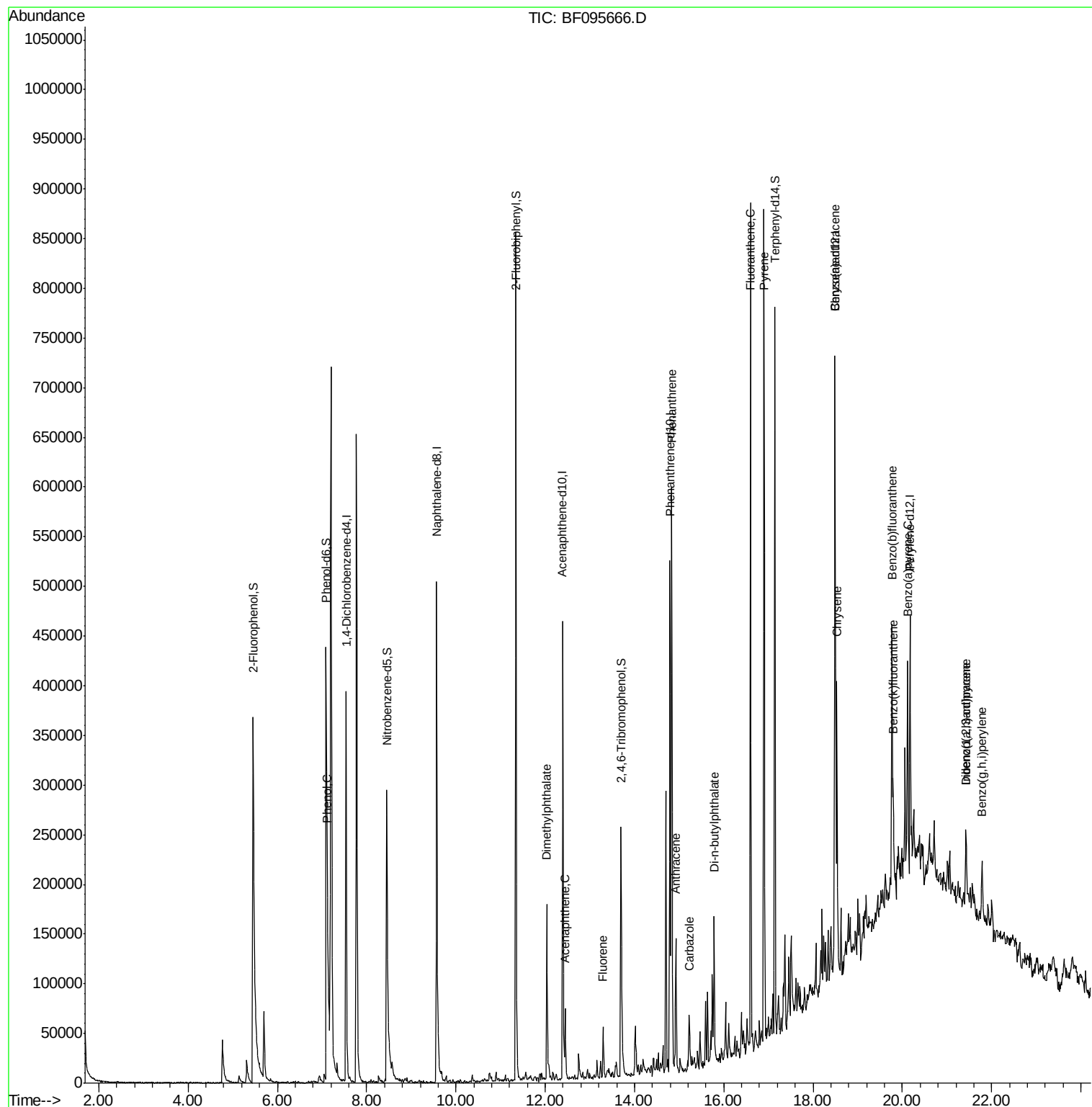
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
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ALS Vial : 34 Sample Multiplier: 1

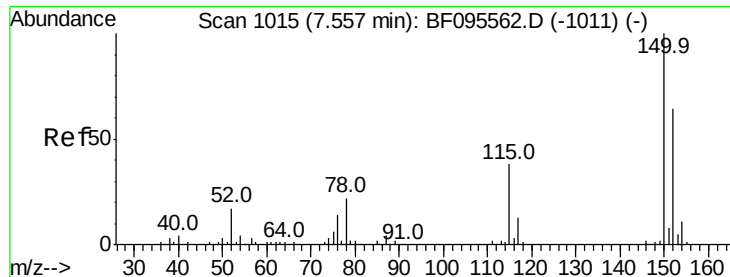
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF095666.D

Acq: 3 Jun 2017 9:41

Instrument :

BNA_F

ClientSampleId :

E2-T6-ESW

Tot Ion:152 Resp: 98269

Ion Ratio Lower Upper

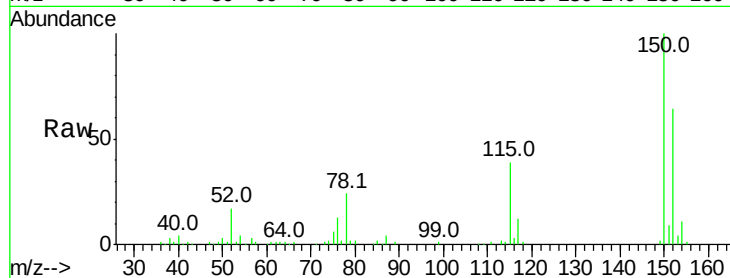
152 100

150 156.2 126.2 189.2

115 60.4 52.2 78.2

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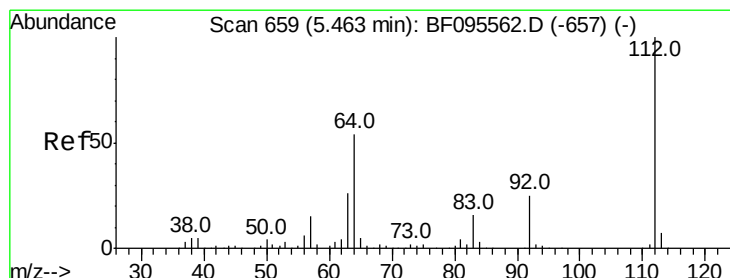
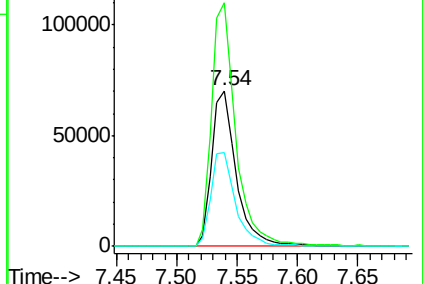
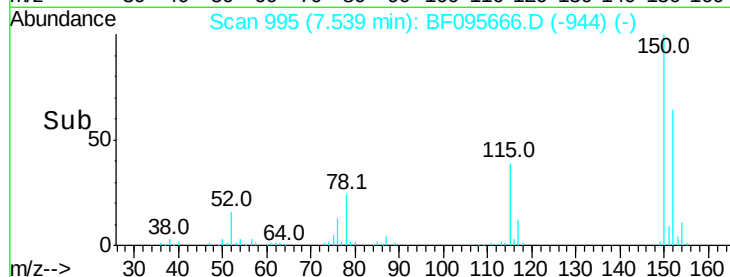
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 54.72 ng

RT: 5.46 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF095666.D

Acq: 3 Jun 2017 9:41

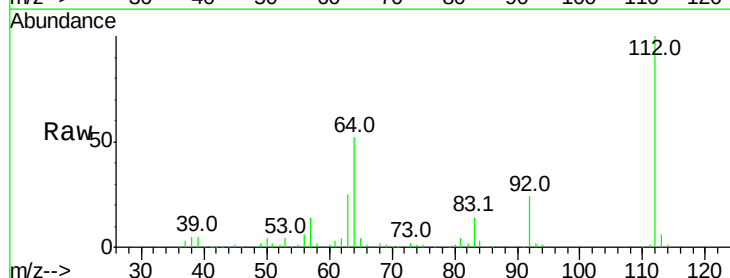
Tgt Ion:112 Resp: 322560

Ion Ratio Lower Upper

112 100

64 52.3 46.0 69.0

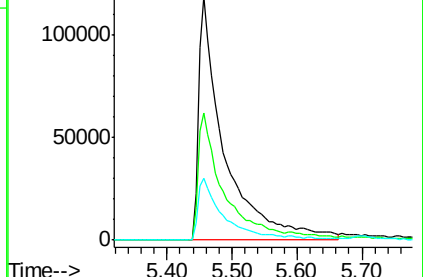
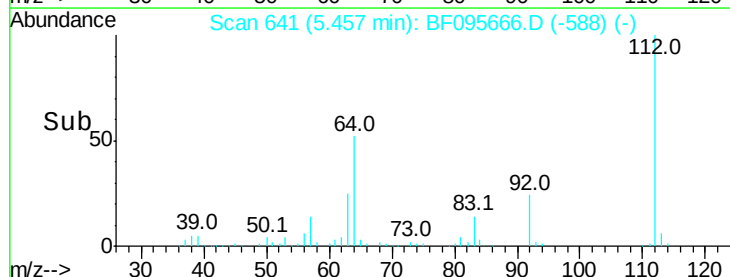
63 25.5 23.4 35.0

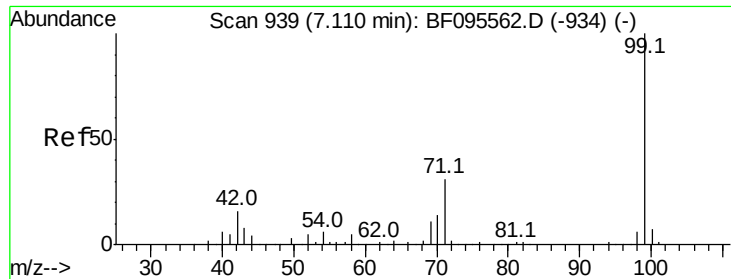


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 58.69 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095666.D

Acq: 3 Jun 2017 9:41

Instrument :

BNA_F

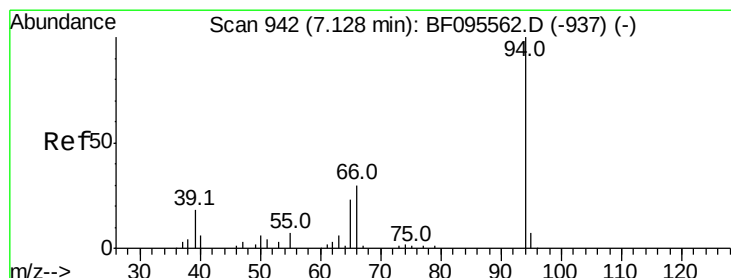
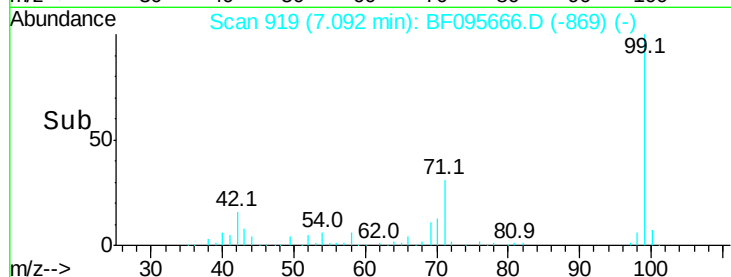
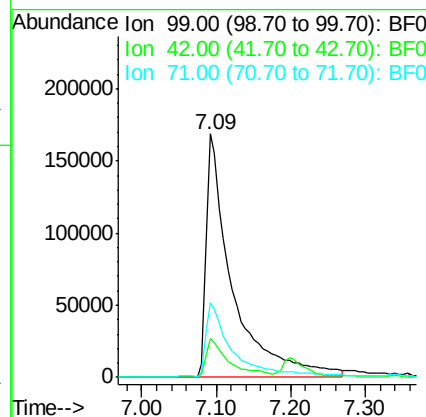
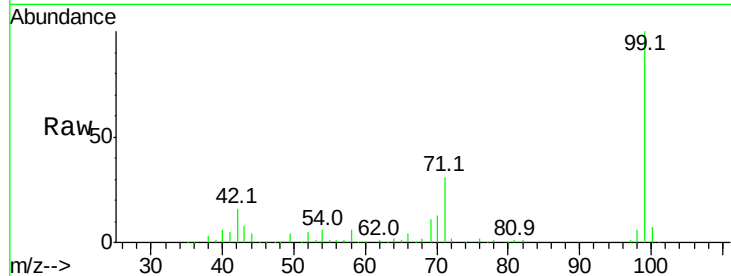
ClientSampled :

E2-T6-ESW

Tot Ion:	99	Resp:	415087
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	30.9	24.5	36.7

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#10

Phenol

Concen: 5.34 ng

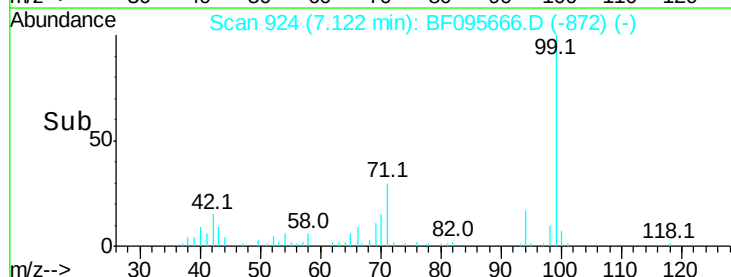
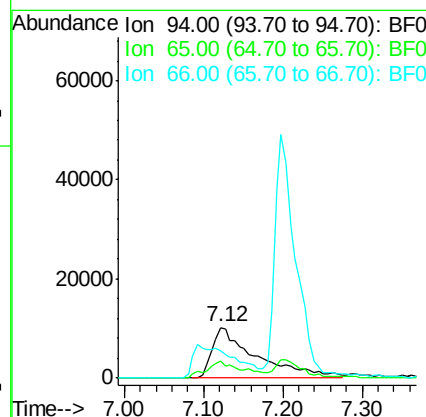
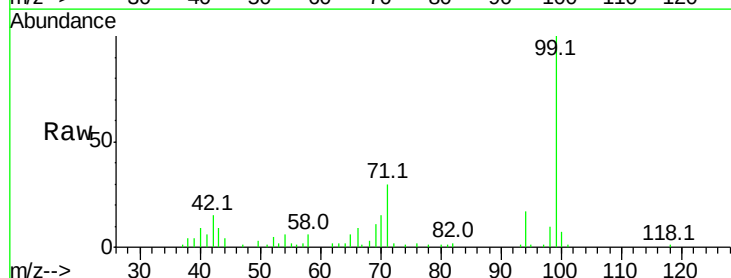
RT: 7.12 min Scan# 924

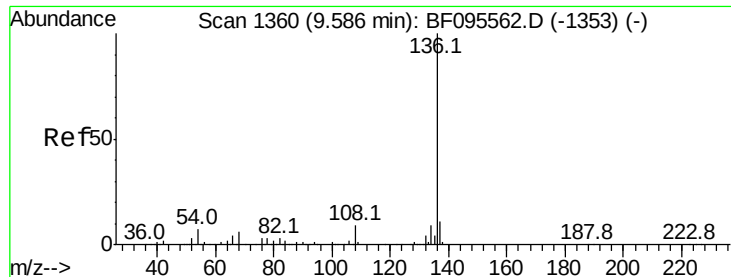
Delta R.T. 0.01 min

Lab File: BF095666.D

Acq: 3 Jun 2017 9:41

Tgt Ion:	94	Resp:	39799
Ion	Ratio	Lower	Upper
94	100		
65	33.6	9.9	49.9
66	55.2	23.1	63.1





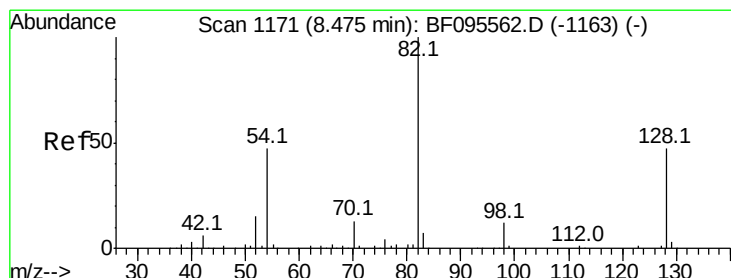
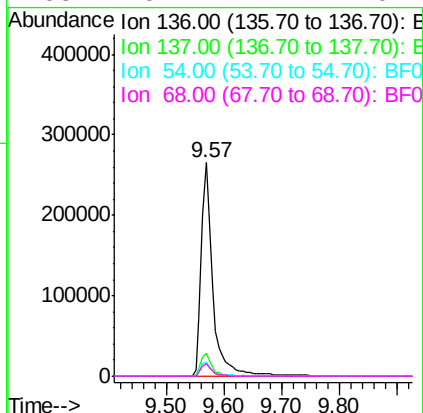
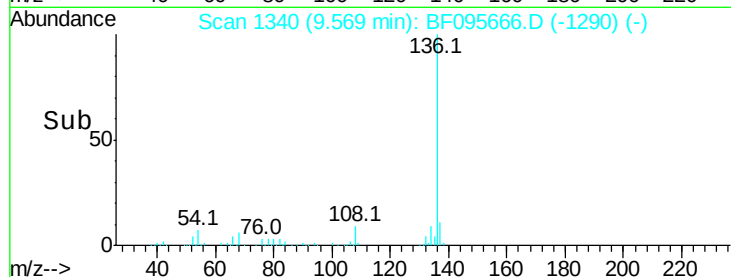
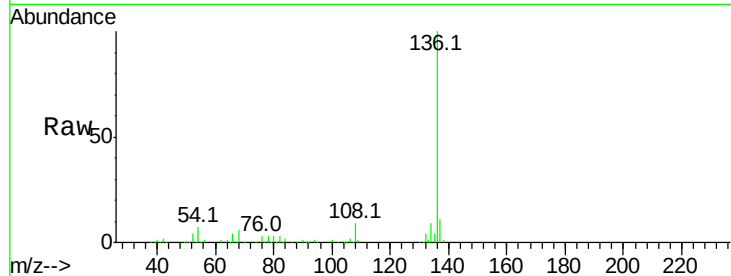
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Instrument :
BNA_F
ClientSampleId :
E2-T6-ESW

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.9	4.9	7.3
68	6.1	4.1	6.1#

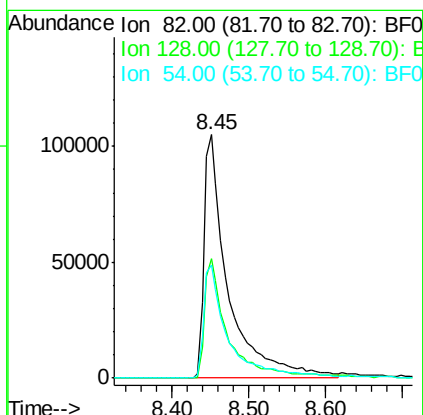
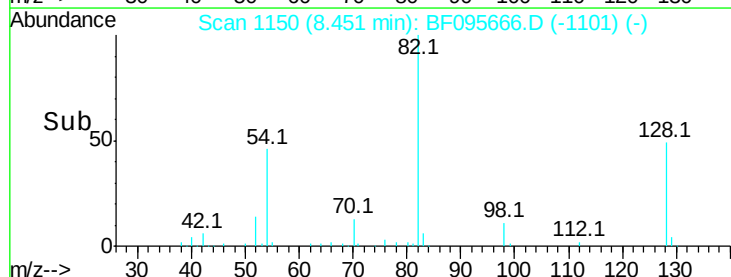
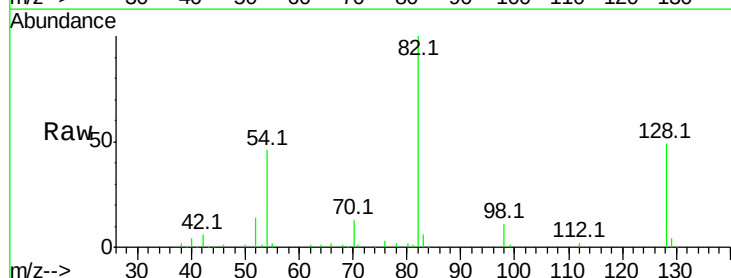
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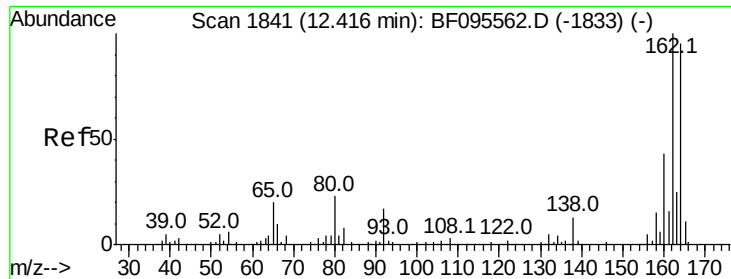
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#23
Nitrobenzene-d5
Concen: 37.60 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	49.2	34.0	51.0
54	46.2	42.2	63.2





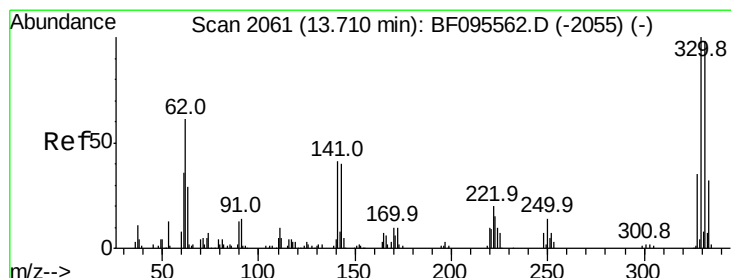
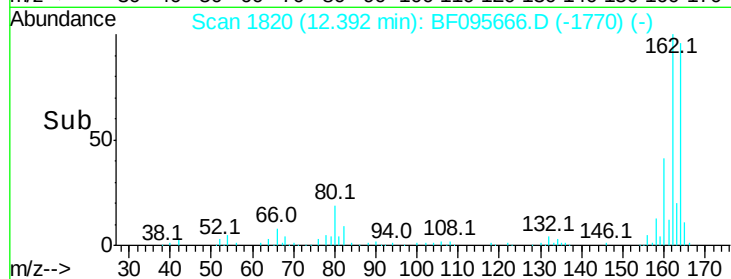
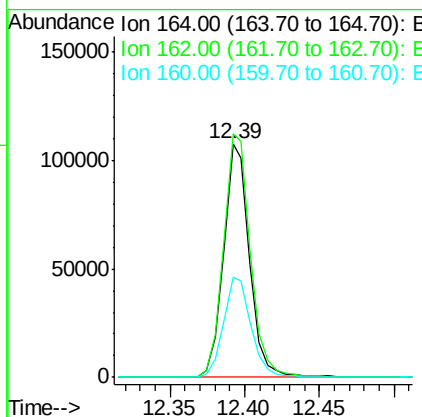
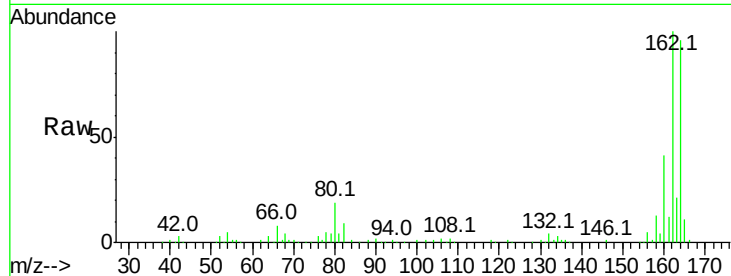
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Instrument :
BNA_F
ClientSampleId :
E2-T6-ESW

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	42.7	36.2	54.2

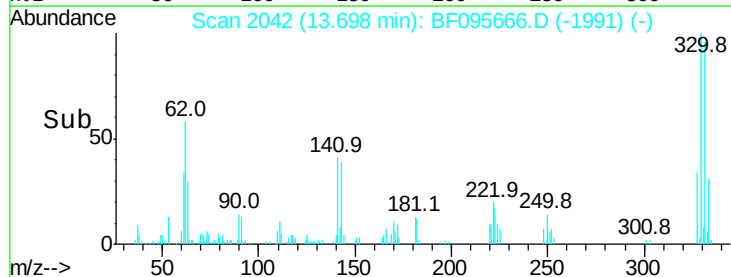
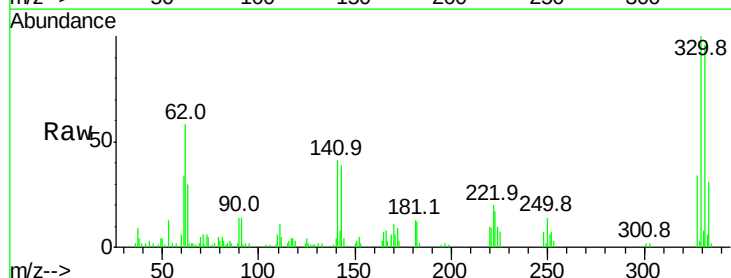
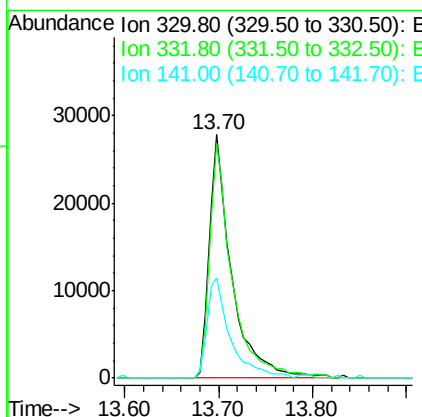
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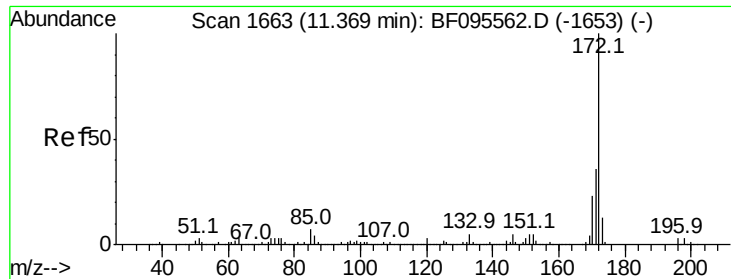
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#41
2,4,6-Tribromophenol
Concen: 43.11 ng
RT: 13.70 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	42.6	31.4	47.2





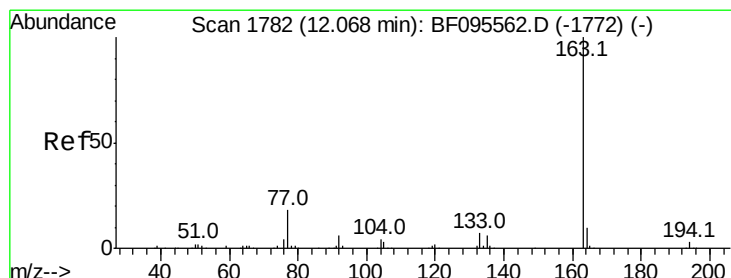
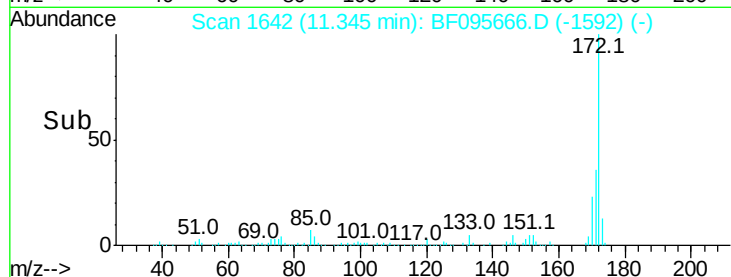
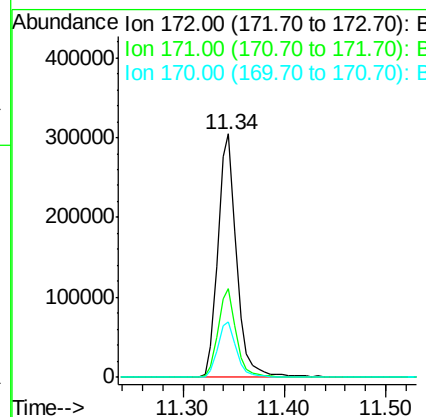
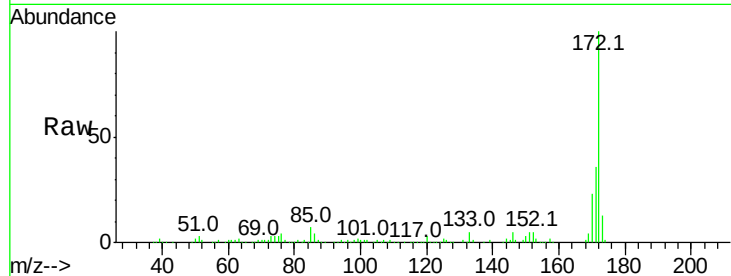
#44
2-Fluorobiphenyl
Concen: 42.54 ng
RT: 11.34 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Instrument :
BNA_F
ClientSampleId :
E2-T6-ESW

Tot Ion	Ratio	Resp	Lower	Upper
172	100	389483		
171	36.5		29.6	44.4
170	22.8		19.8	29.8

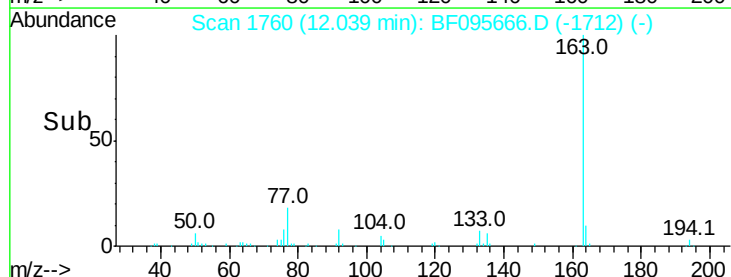
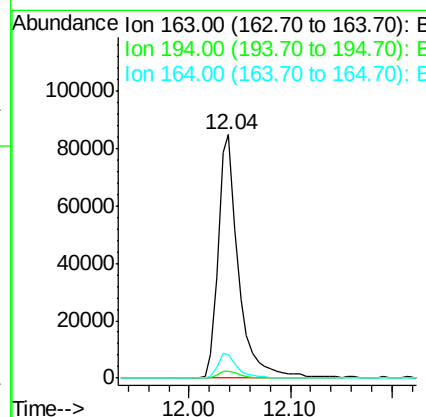
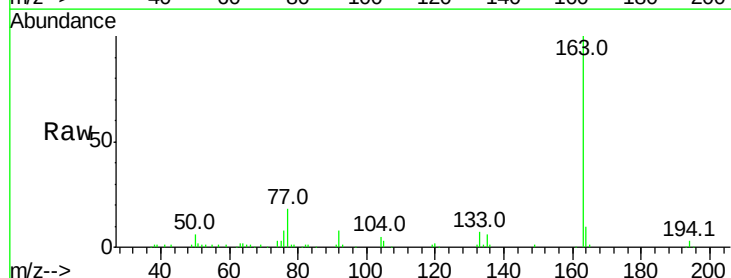
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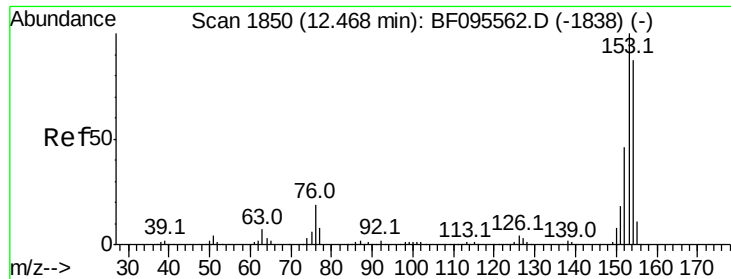
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#49
Dimethylphthalate
Concen: 10.94 ng
RT: 12.04 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	118388		
194	3.0		2.6	4.0
164	9.5		8.4	12.6





#51

Acenaphthene

Concen: 2.70 ng

RT: 12.44 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF095666.D

Acq: 3 Jun 2017 9:41

Instrument :

BNA_F

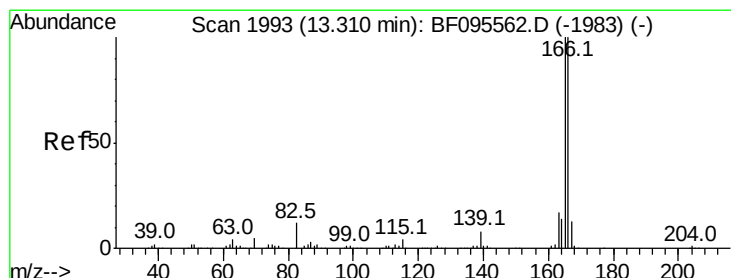
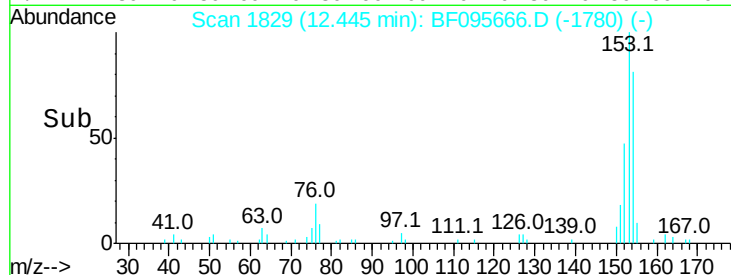
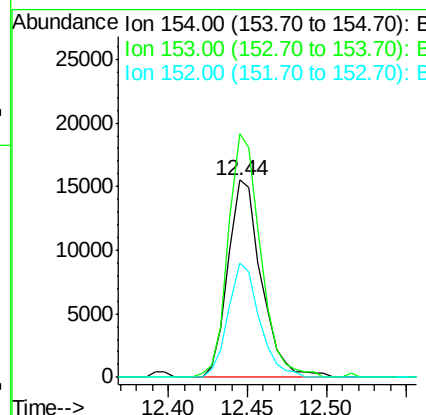
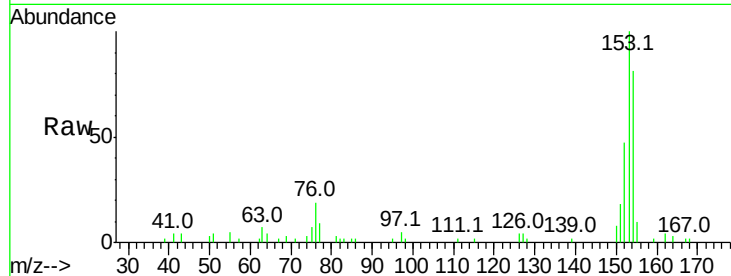
ClientSampled :

E2-T6-ESW

Tot Ion:	154	Resp:	22611
Ion Ratio	Lower	Upper	
154	100		
153	123.6	90.5	135.7
152	57.9	43.6	65.4

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#57

Fluorene

Concen: 2.12 ng

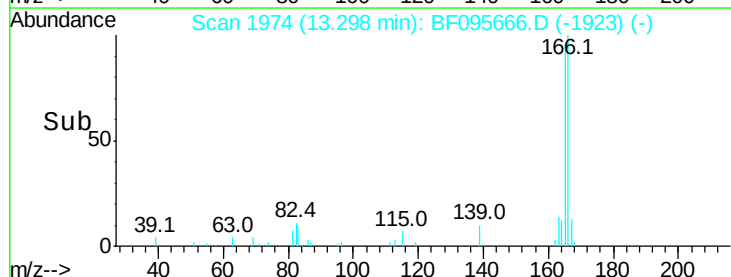
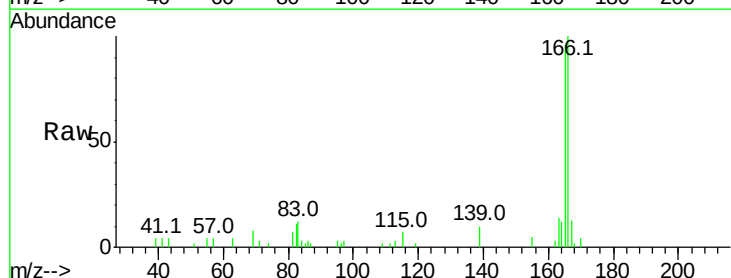
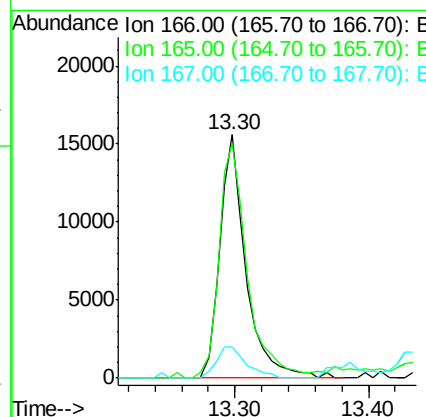
RT: 13.30 min Scan# 1974

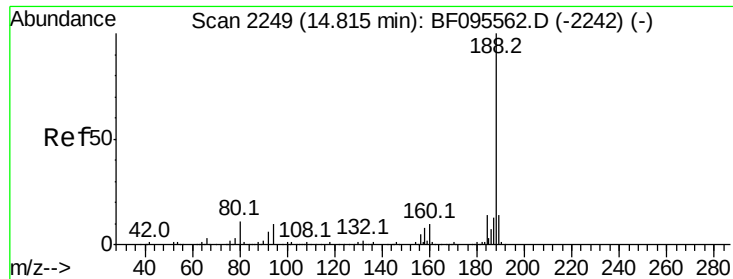
Delta R.T. -0.00 min

Lab File: BF095666.D

Acq: 3 Jun 2017 9:41

Tgt Ion:	166	Resp:	21372
Ion Ratio	Lower	Upper	
166	100		
165	96.2	78.8	118.2
167	12.8	10.6	16.0





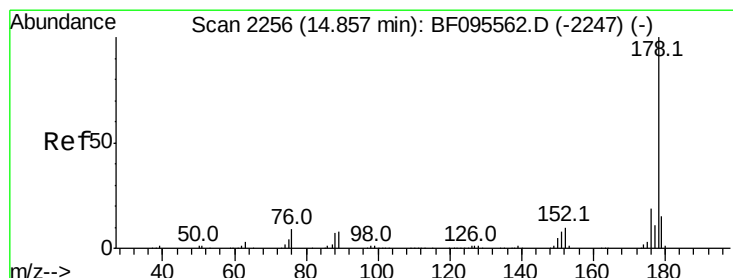
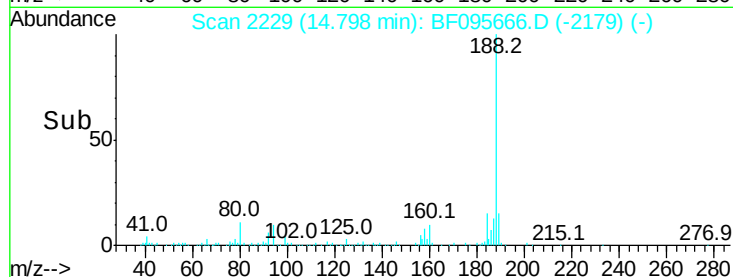
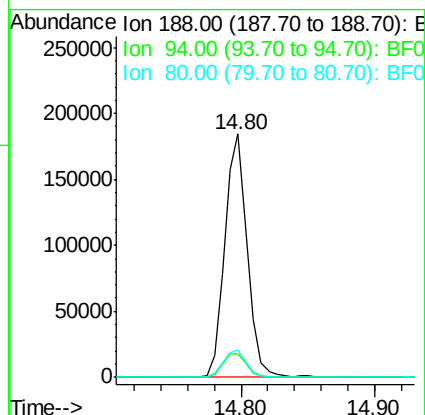
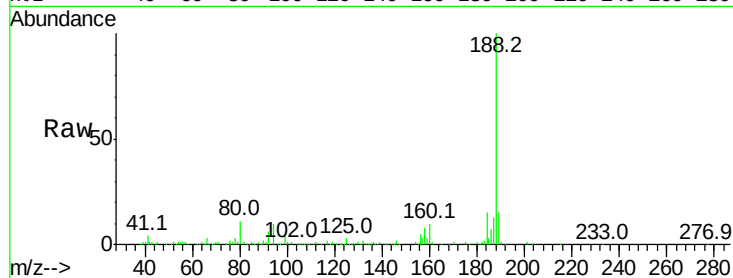
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Instrument :
BNA_F
ClientSampleId :
E2-T6-ESW

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	9.4	14.2
80	11.3	10.2	15.2

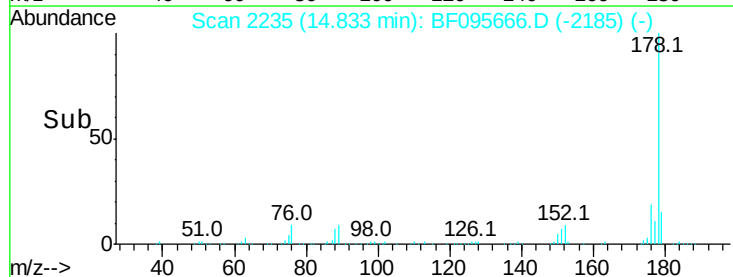
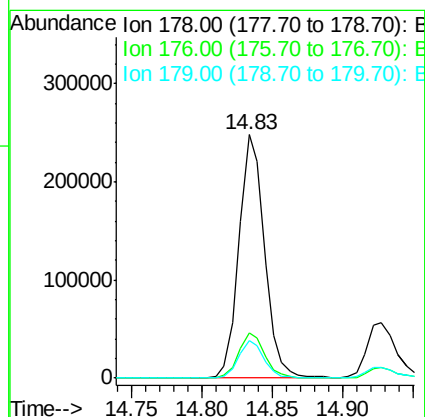
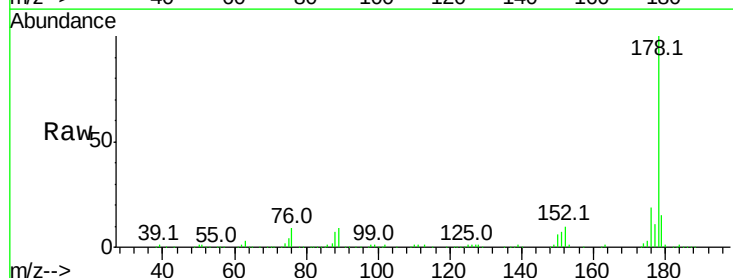
Manual Integrations
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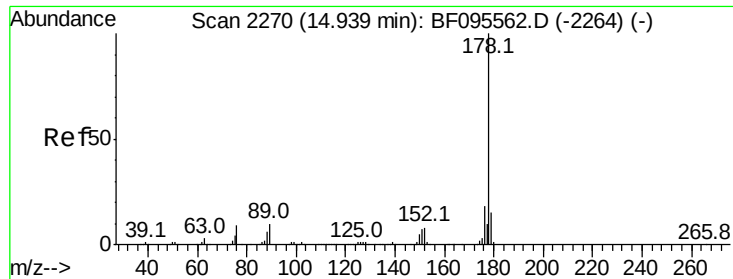
mohammad
6/6/2017 8:49:47 AM



#70
Phenanthrene
Concen: 25.06 ng
RT: 14.83 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.8	16.2	24.4
179	15.3	12.6	19.0





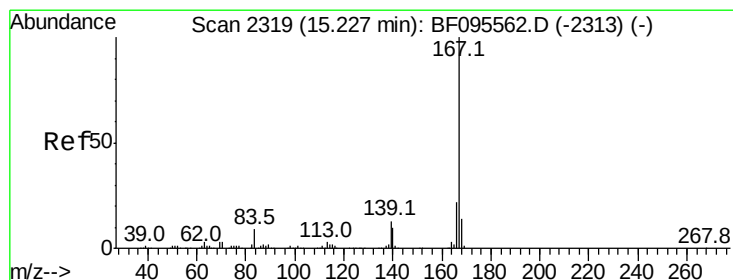
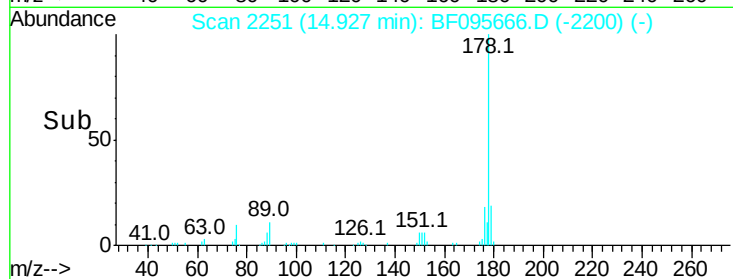
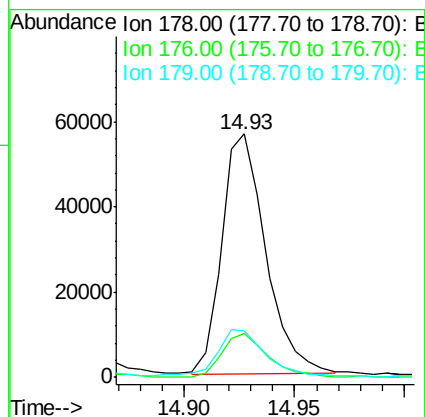
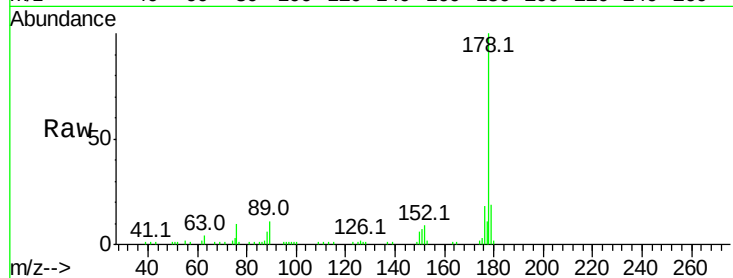
#71
 Anthracene
 Concen: 6.13 ng m
 RT: 14.93 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: BF095666.D
 Acq: 3 Jun 2017 9:41

Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-ESW

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	19.2	12.7	19.1

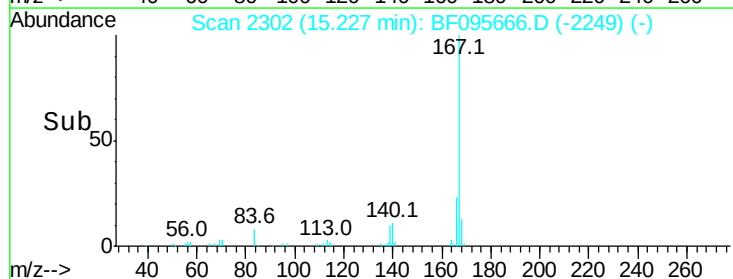
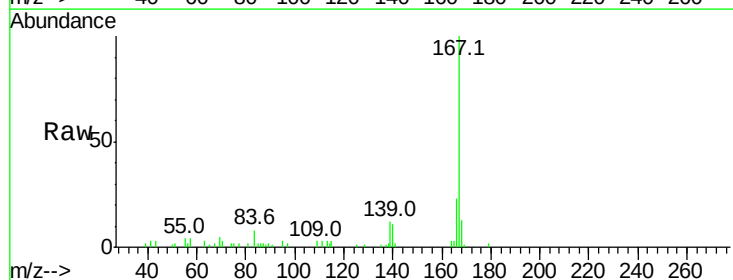
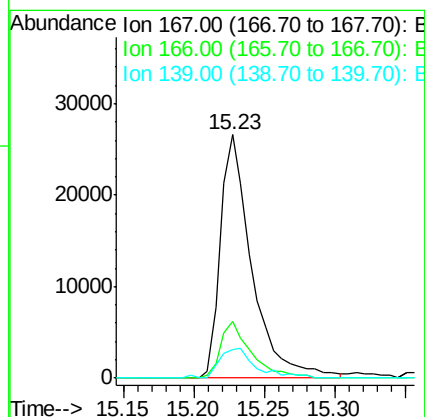
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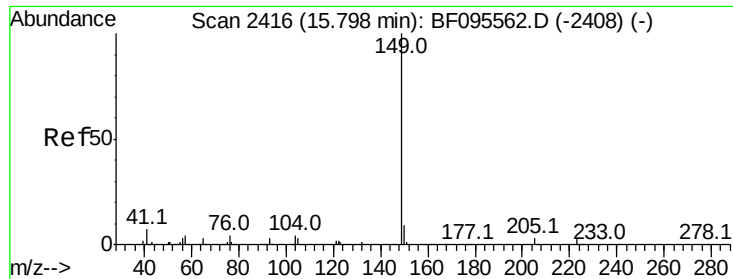
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#72
 Carbazole
 Concen: 3.53 ng
 RT: 15.23 min Scan# 2302
 Delta R.T. 0.01 min
 Lab File: BF095666.D
 Acq: 3 Jun 2017 9:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.1	27.1
139	11.9	11.7	17.5





#73

Di-n-butylphthalate

Concen: 4.77 ng

RT: 15.78 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BF095666.D

Acq: 3 Jun 2017 9:41

Instrument :

BNA_F

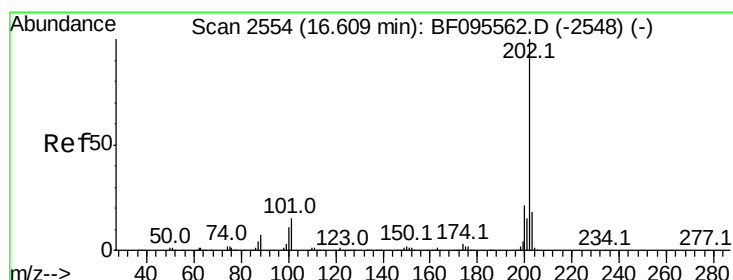
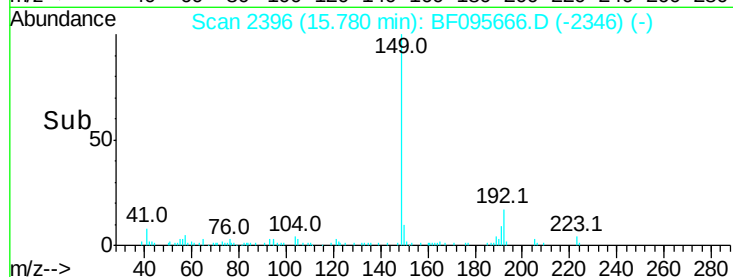
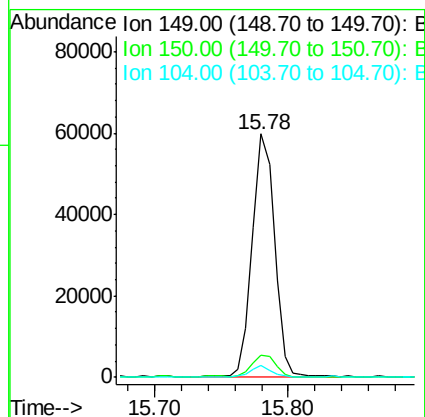
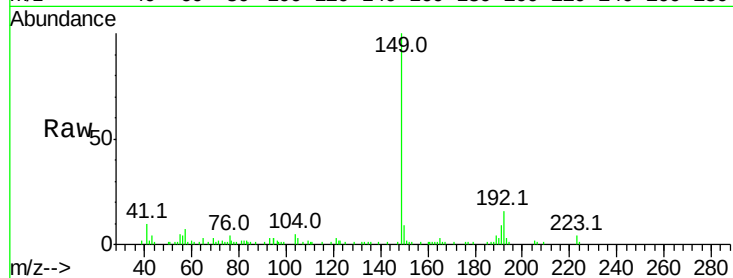
ClientSampleId :

E2-T6-ESW

Tot Ion:	149	Resp:	69495
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.8	4.0	6.0

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#74

Fluoranthene

Concen: 33.64 ng

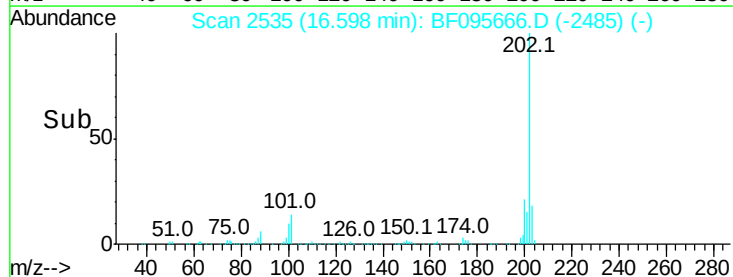
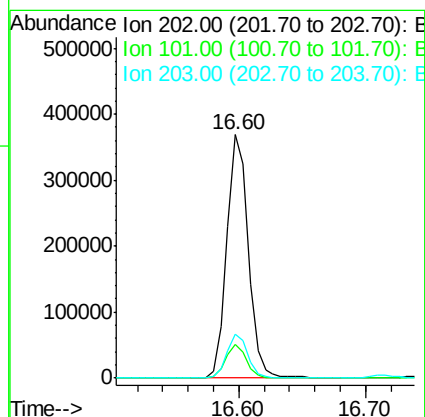
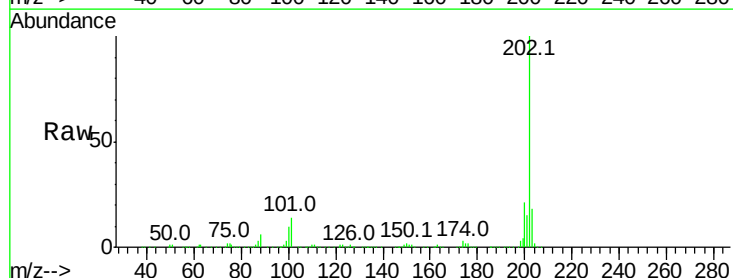
RT: 16.60 min Scan# 2535

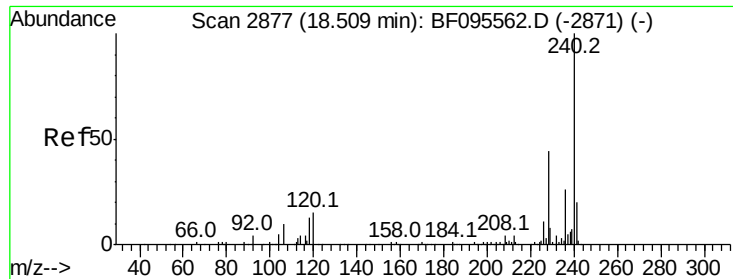
Delta R.T. -0.01 min

Lab File: BF095666.D

Acq: 3 Jun 2017 9:41

Tgt Ion:	202	Resp:	433733
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	33.2
203	17.9	0.0	38.1





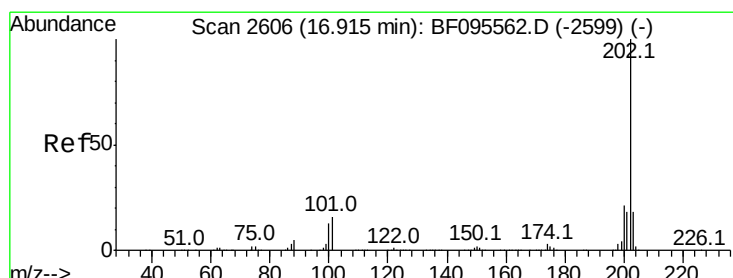
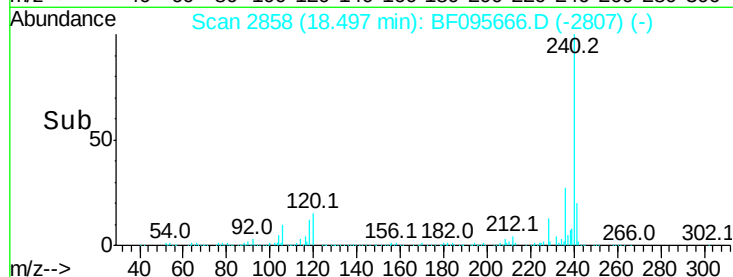
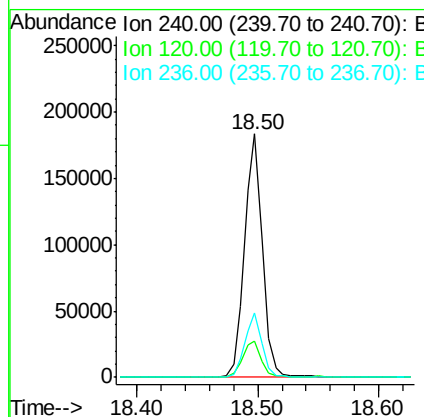
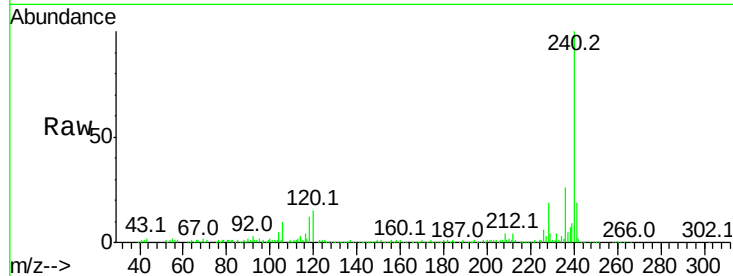
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Instrument :
BNA_F
ClientSampleId :
E2-T6-ESW

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	26.5	20.5	30.7

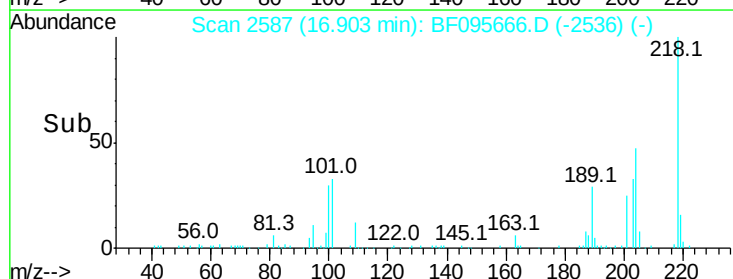
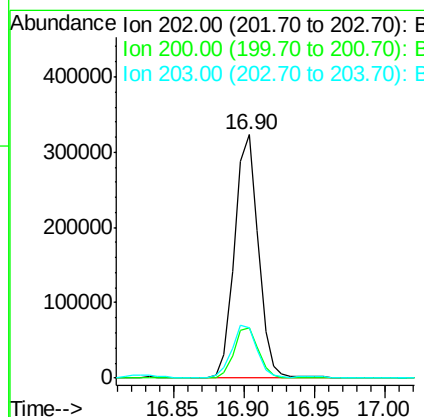
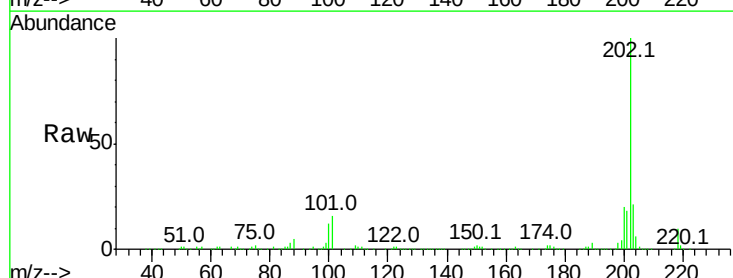
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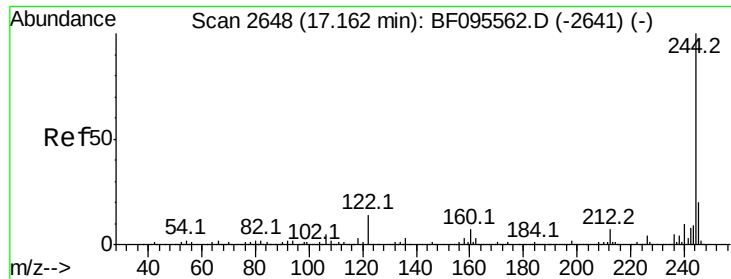
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#77
Pyrene
Concen: 26.73 ng
RT: 16.90 min Scan# 2587
Delta R.T. -0.00 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

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





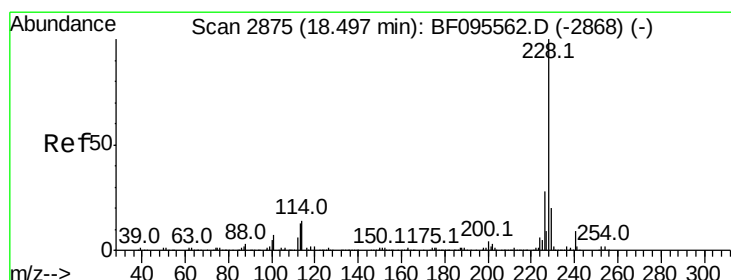
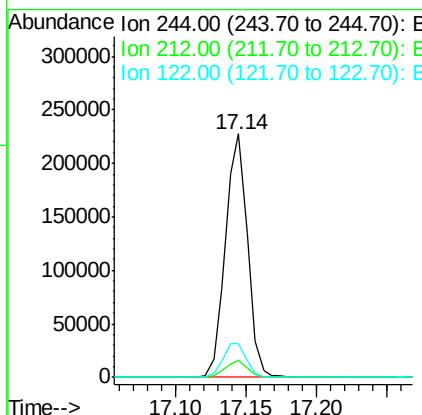
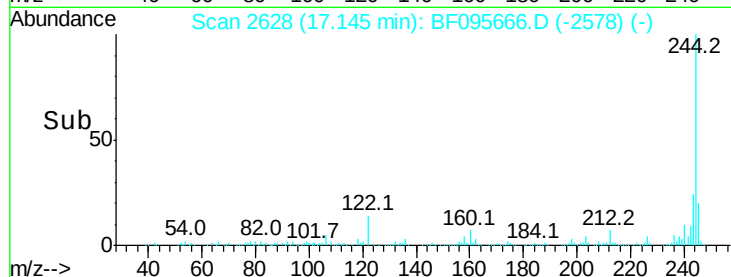
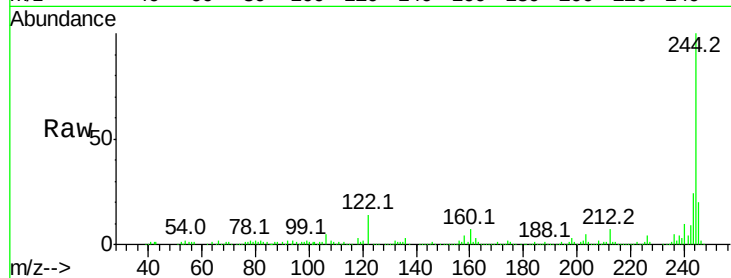
#78
 Terphenyl-d14
 Concen: 28.63 ng
 RT: 17.14 min Scan# 2628
 Delta R.T. -0.01 min
 Lab File: BF095666.D
 Acq: 3 Jun 2017 9:41

Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-ESW

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.0	10.3	15.5

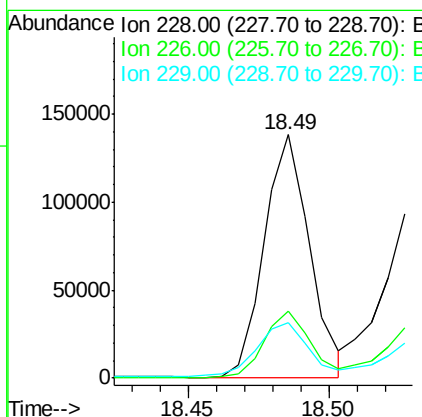
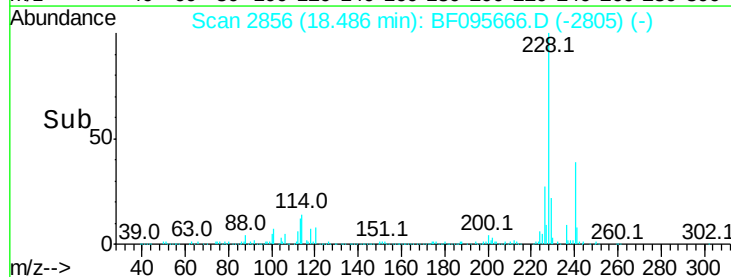
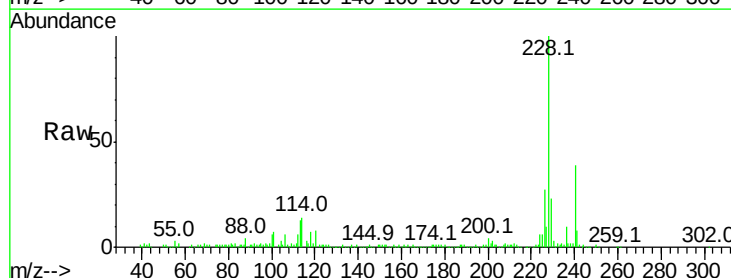
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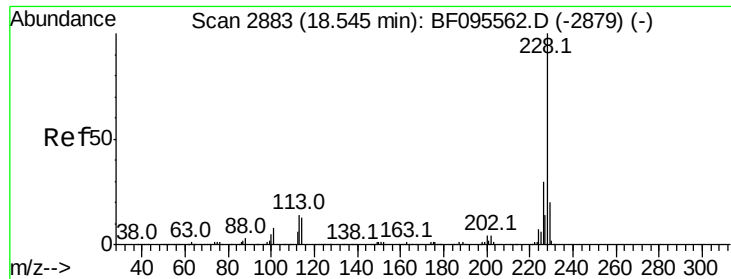
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#80
 Benzo(a)anthracene
 Concen: 13.88 ng
 RT: 18.49 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BF095666.D
 Acq: 3 Jun 2017 9:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	22.6	16.3	24.5





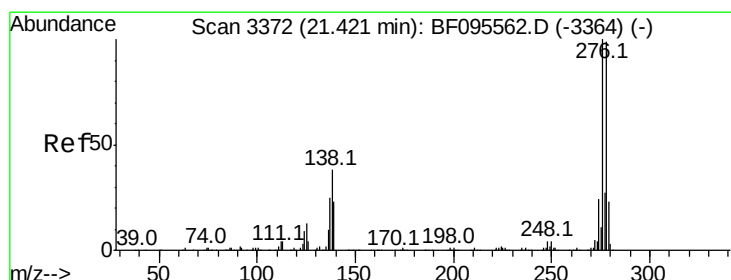
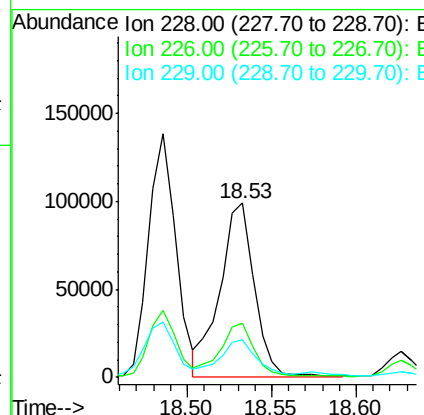
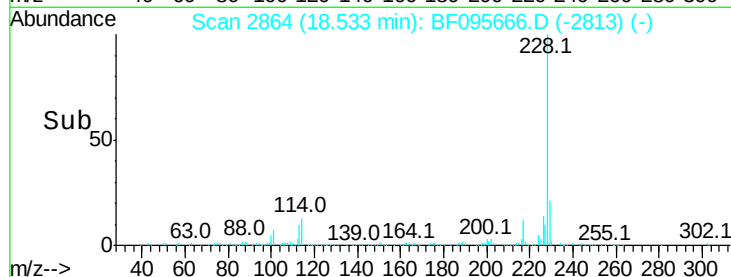
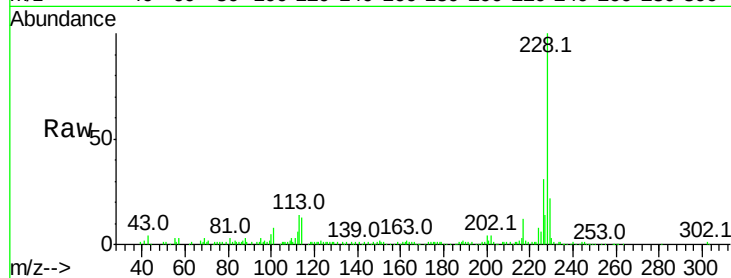
#82
Chrysene
Concen: 13.08 ng
RT: 18.53 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Instrument :
BNA_F
ClientSampleId :
E2-T6-ESW

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.7	15.8	23.6

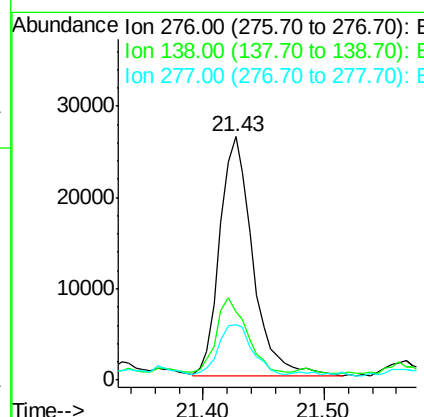
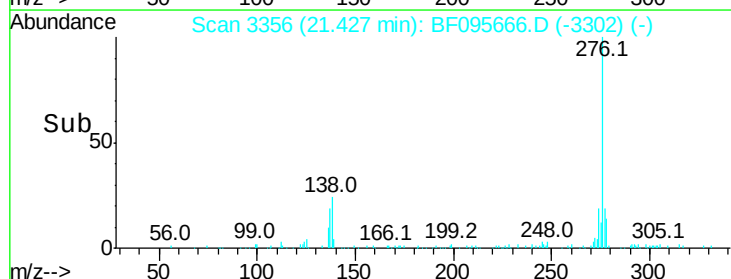
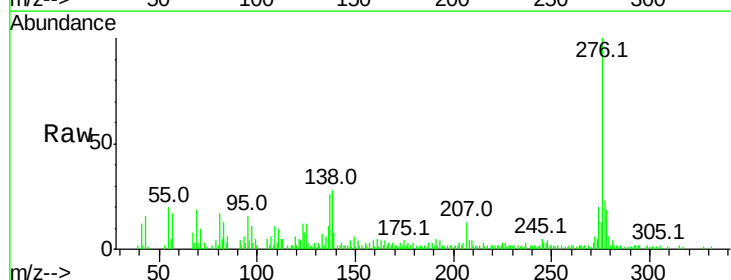
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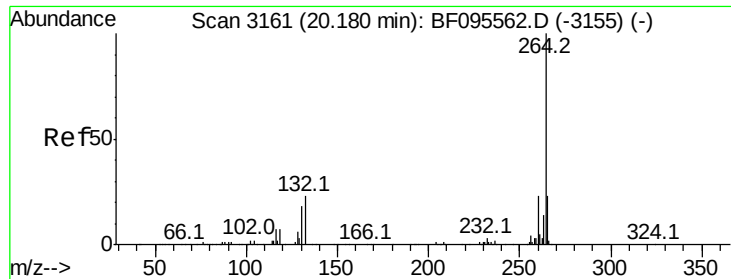
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#85
Indeno(1,2,3-cd)pyrene
Concen: 5.73 ng
RT: 21.43 min Scan# 3356
Delta R.T. 0.02 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.6	27.8	41.6
277	20.9	20.2	30.4





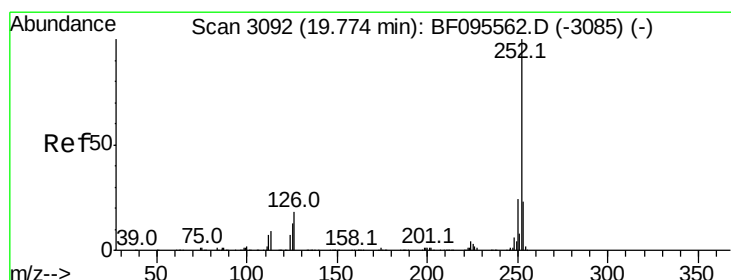
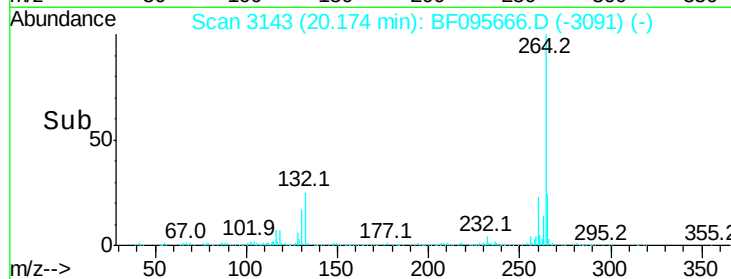
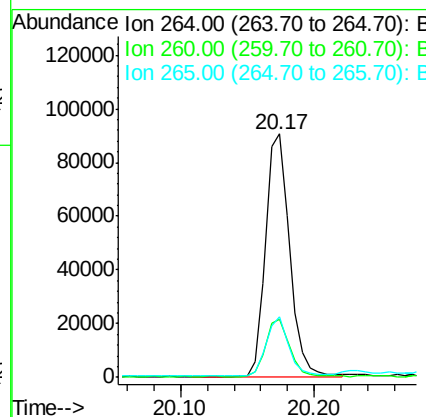
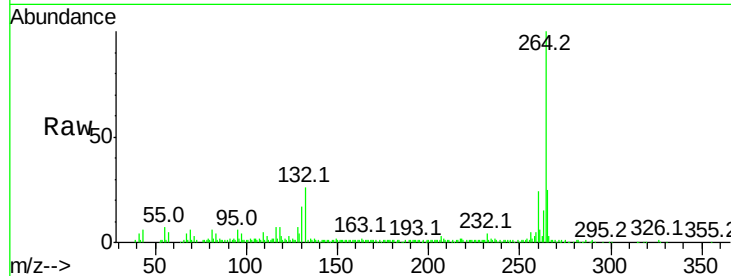
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Instrument :
BNA_F
ClientSampleId :
E2-T6-ESW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	25.0	17.2	25.8

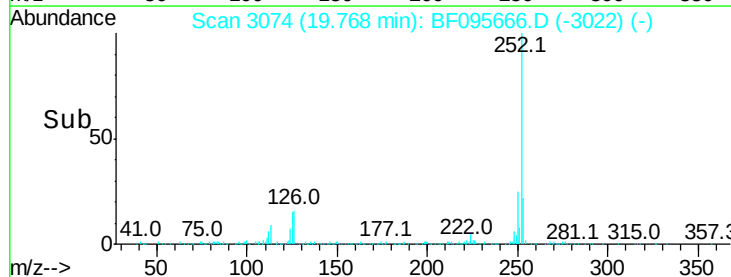
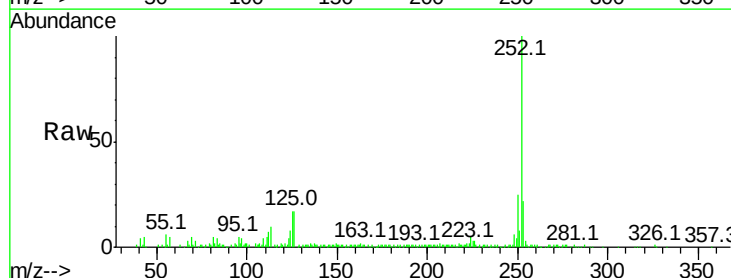
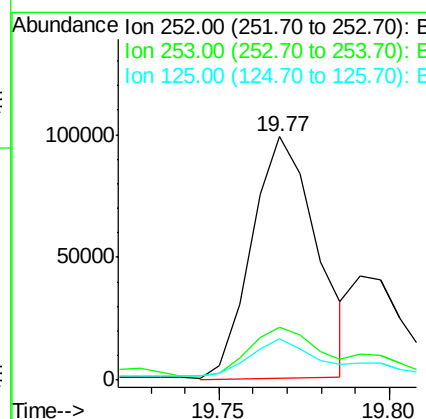
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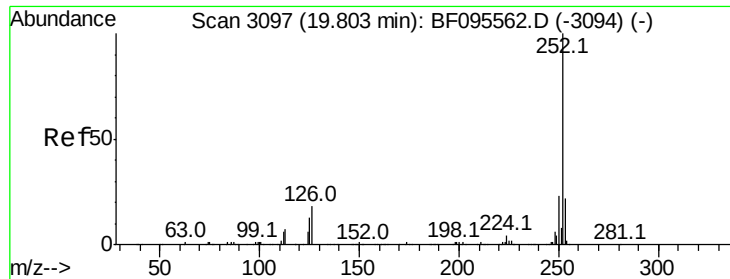
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#87
Benzo(b)fluoranthene
Concen: 18.61 ng m
RT: 19.77 min Scan# 3074
Delta R.T. 0.01 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	17.1	9.8	14.8#





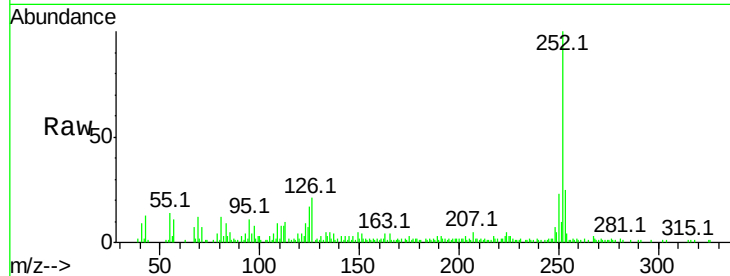
#88
Benzo(k)fluoranthene
Concen: 6.65 ng m
RT: 19.79 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Instrument :
BNA_F
ClientSampleId :
E2-T6-ESW

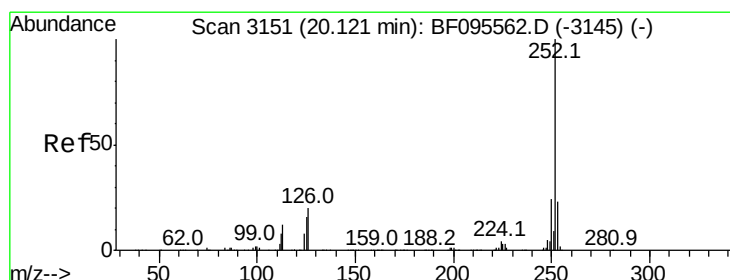
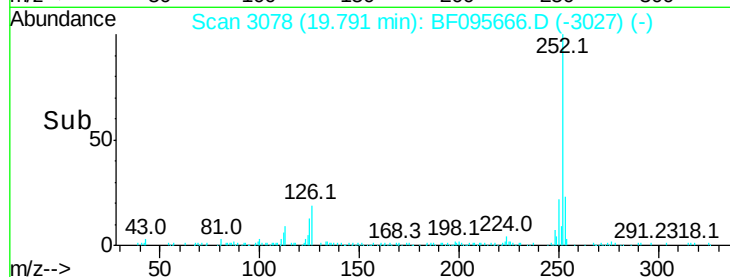
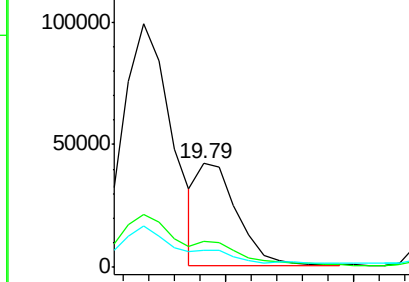
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	16.6	13.1	19.7

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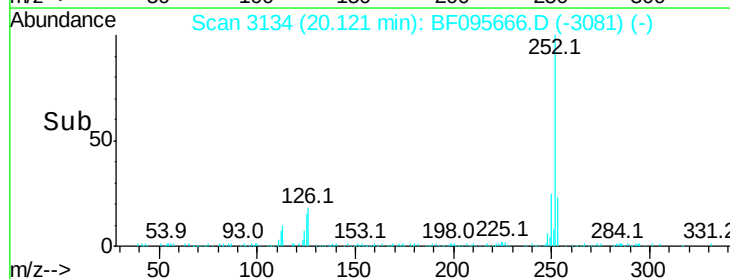
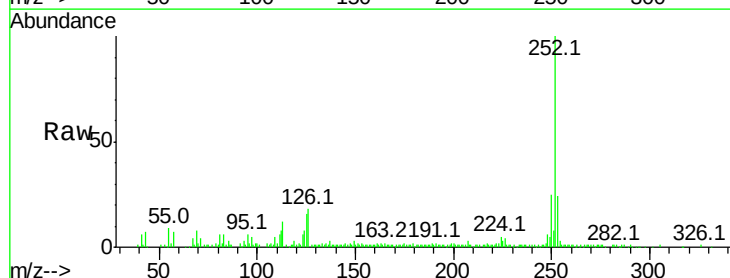
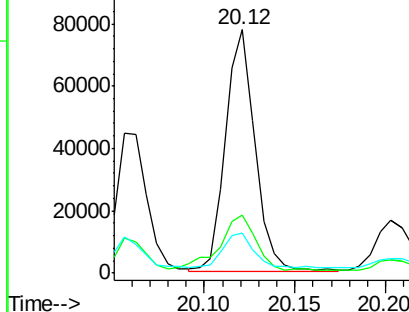
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

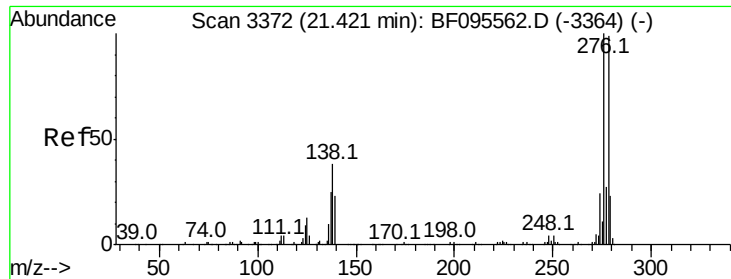


#89
Benzo(a)pyrene
Concen: 13.50 ng
RT: 20.12 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	16.4	11.0	16.4#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





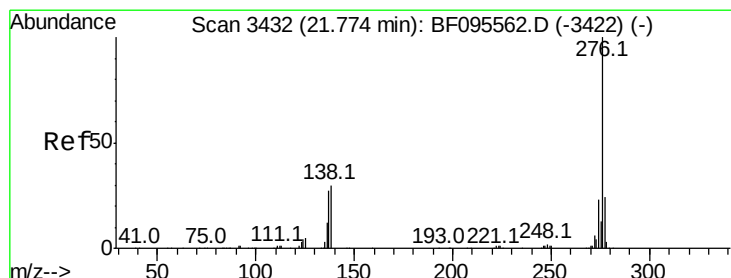
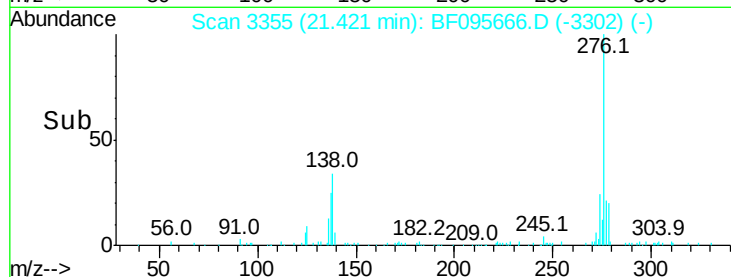
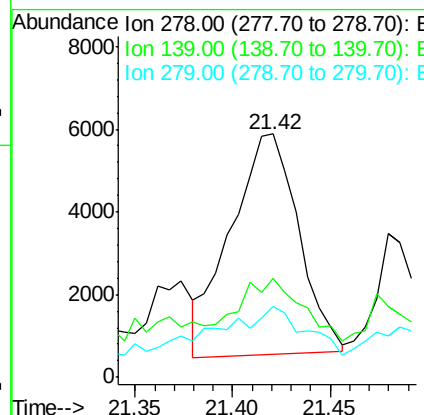
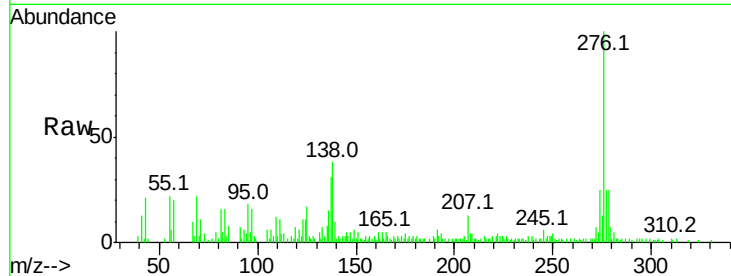
#90
Dibenzo(a,h)anthracene
Concen: 2.40 ng
RT: 21.42 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Instrument :
BNA_F
ClientSampleId :
E2-T6-ESW

Tot Ion	Ratio	Lower	Upper
278	100		
139	40.8	16.6	24.8#
279	29.1	19.3	28.9#

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#91
Benzo(g,h,i)perylene
Concen: 8.63 ng
RT: 21.79 min Scan# 3417
Delta R.T. 0.03 min
Lab File: BF095666.D
Acq: 3 Jun 2017 9:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.5	18.6	28.0
138	30.6	25.4	38.0

