

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095644.D
 Acq On : 2 Jun 2017 20:36
 Operator : SJ/MA
 Sample : I3441-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-RO-6710-060117

Manual Integrations
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Quant Time: Jun 03 04:05:59 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	84825	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	324161	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	125460	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	191505	20.00	ng	0.00
75) Chrysene-d12	18.50	240	169928	20.00	ng	0.00
86) Perylene-d12	20.17	264	116383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	401205	78.86	ng	0.00
7) Phenol-d6	7.09	99	483506	79.20	ng	-0.01
23) Nitrobenzene-d5	8.45	82	270328	52.59	ng	-0.02
41) 2,4,6-Tribromophenol	13.69	330	69180	67.33	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	488521	56.05	ng	0.00
78) Terphenyl-d14	17.14	244	328950	42.64	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.04	163	60783	5.90	ng	99
70) Phenanthrene	14.83	178	114261	10.38	ng	99
71) Anthracene	14.93	178	41095	3.66	ng	97
74) Fluoranthene	16.60	202	236529	20.96	ng	99
77) Pyrene	16.90	202	215697	16.97	ng	95
80) Benzo(a)anthracene	18.49	228	93465	9.45	ng	96
82) Chrysene	18.53	228	89761	9.39	ng	96
85) Indeno(1,2,3-cd)pyrene	21.43	276	30923	3.98	ng	98
87) Benzo(b)fluoranthene	19.77	252	89233m	12.41	ng	
88) Benzo(k)fluoranthene	19.80	252	32724m	4.72	ng	
89) Benzo(a)pyrene	20.12	252	58976	8.89	ng	# 92
91) Benzo(a,h,i)perylene	21.79	276	28951	5.38	ng	93

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

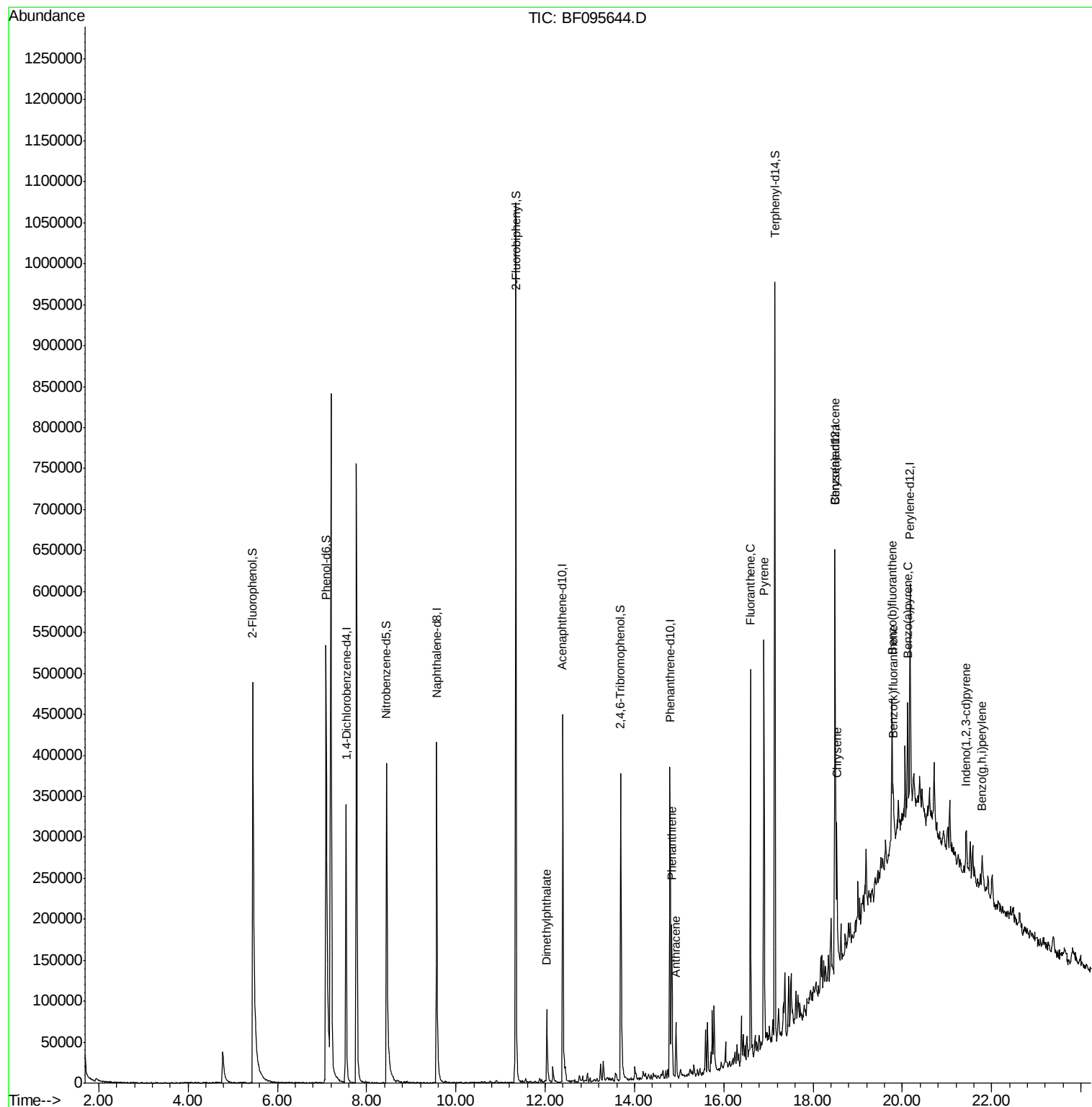
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF095644.D

Acq: 2 Jun 2017 20:36

Instrument :

BNA_F

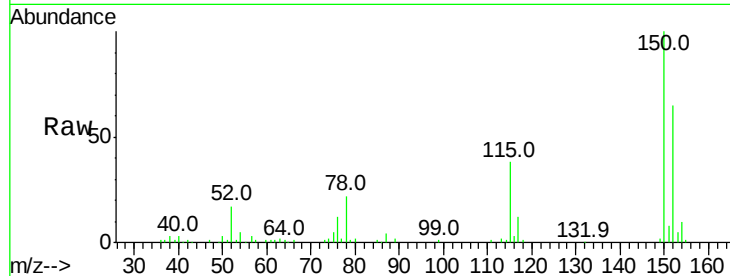
ClientSampleId :

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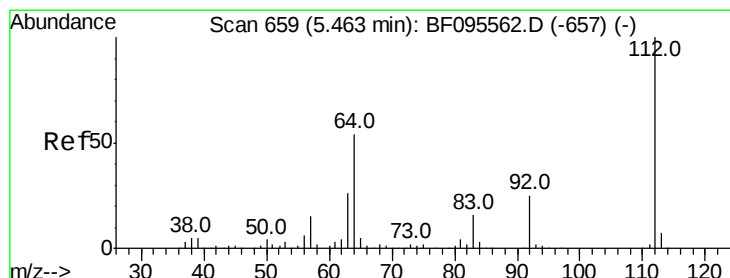
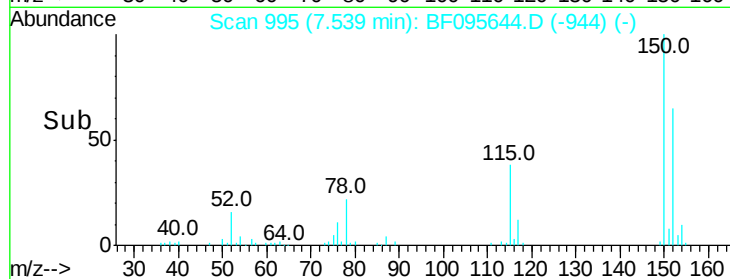
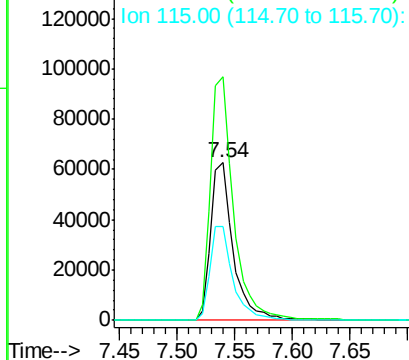
Tot Ion:	152	Resp:	84825
Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.2
115	59.3	52.2	78.2

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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: 78.86 ng

RT: 5.45 min Scan# 640

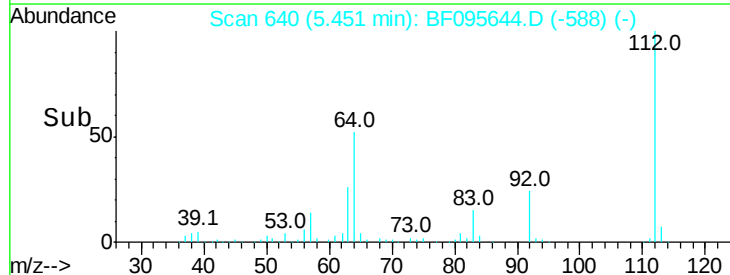
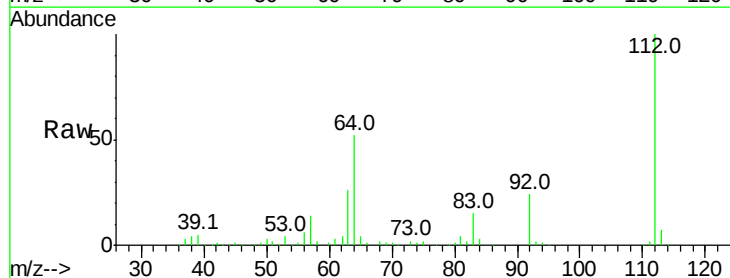
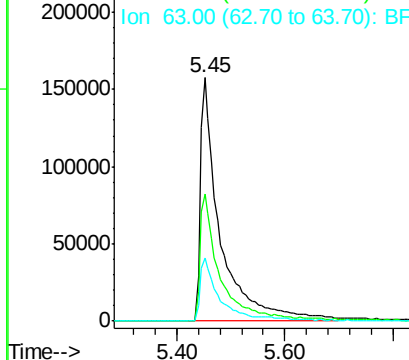
Delta R.T. 0.01 min

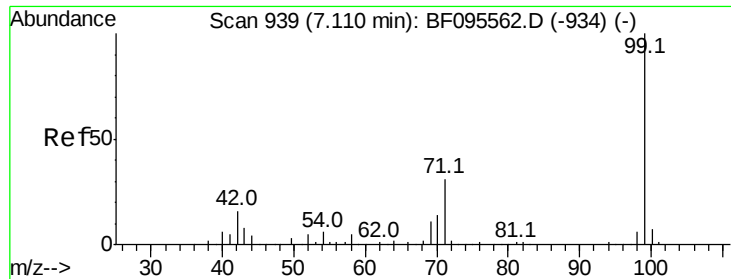
Lab File: BF095644.D

Acq: 2 Jun 2017 20:36

Tgt Ion:	112	Resp:	401205
Ion	Ratio	Lower	Upper
112	100		
64	52.0	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: 79.20 ng

RT: 7.09 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF095644.D

Acq: 2 Jun 2017 20:36

Instrument :

BNA_F

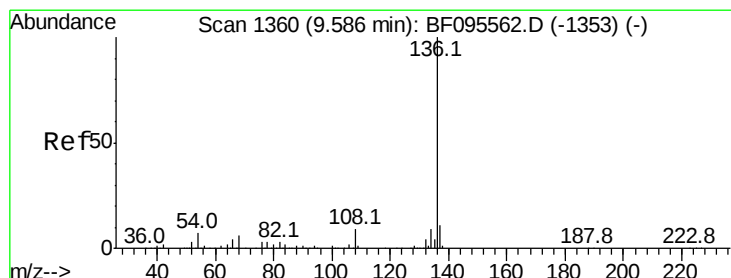
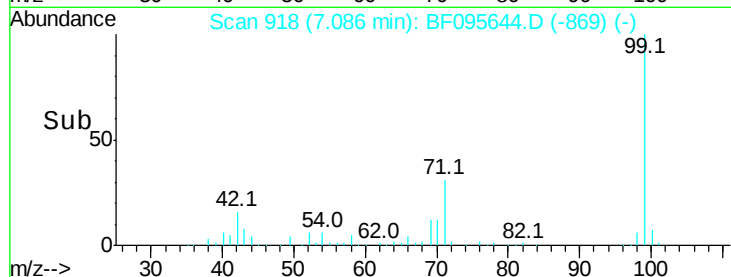
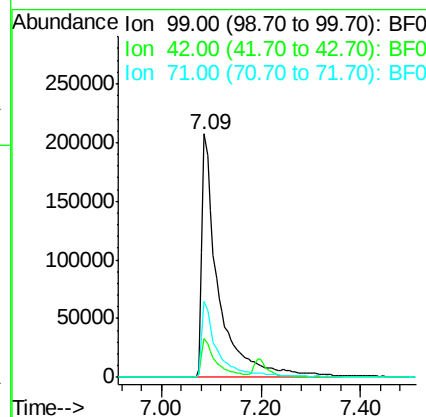
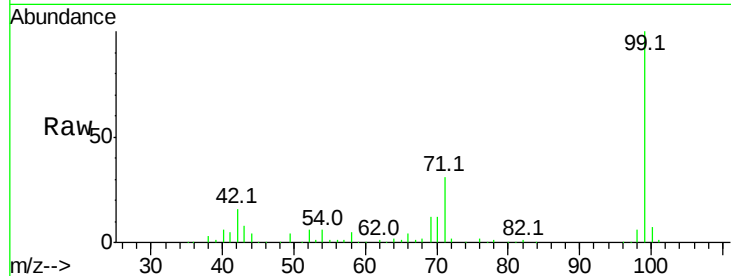
ClientSampleId :

OR-RO-6710-060117

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		483506		
42	16.0	13.5	20.3		
71	31.3	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

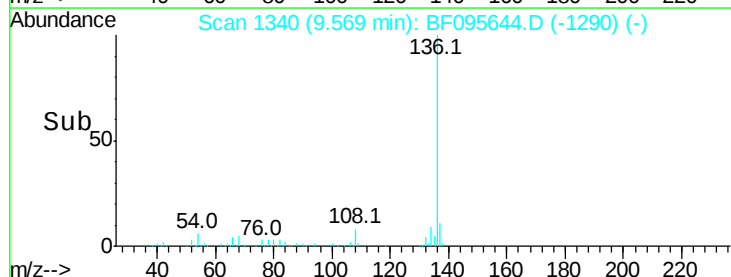
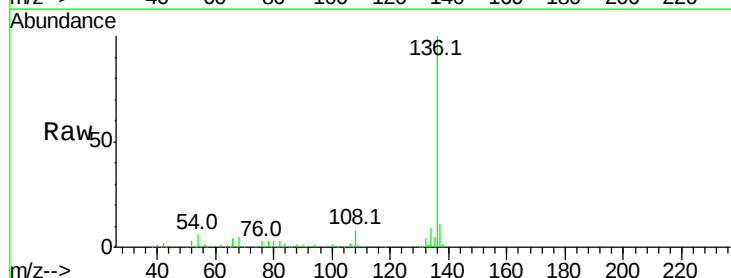
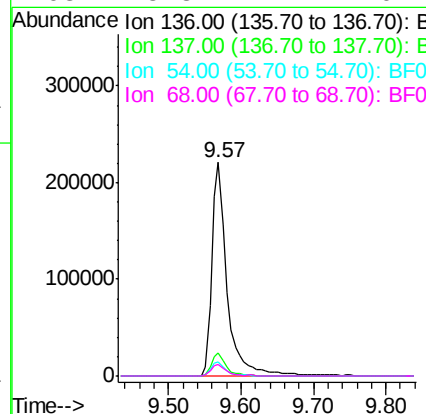
RT: 9.57 min Scan# 1340

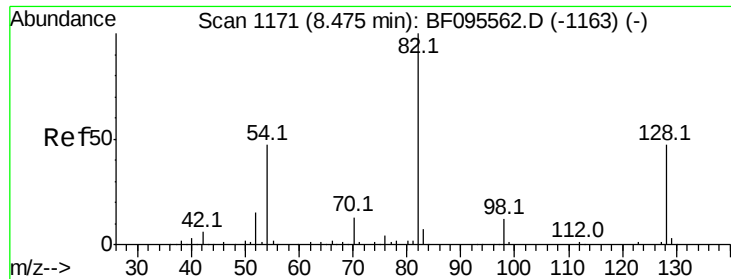
Delta R.T. -0.01 min

Lab File: BF095644.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		324161		
137	11.0	8.5	12.7		
54	6.4	4.9	7.3		
68	5.3	4.1	6.1		





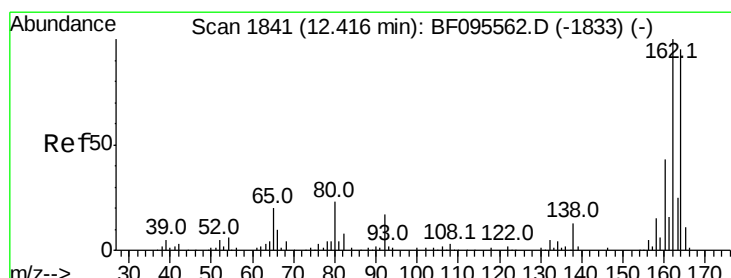
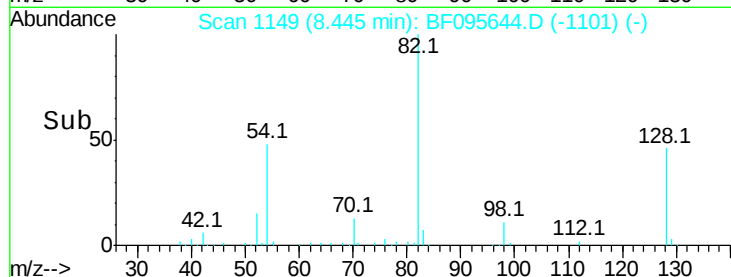
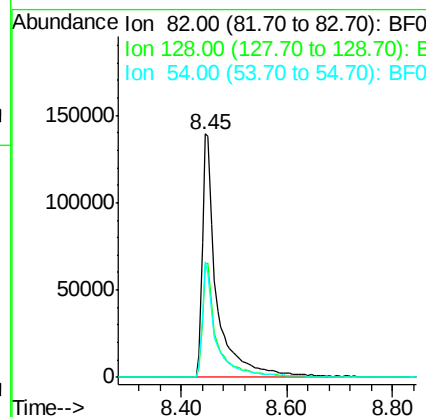
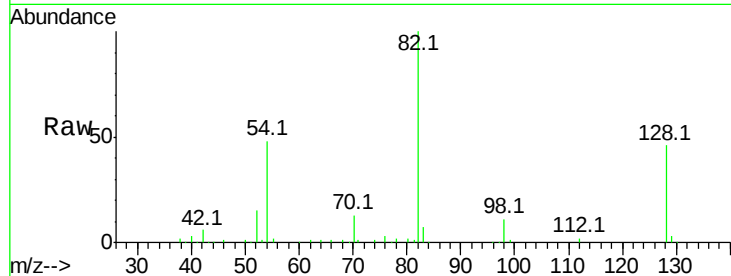
#23
 Nitrobenzene-d5
 Concen: 52.59 ng
 RT: 8.45 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF095644.D
 Acq: 2 Jun 2017 20:36

Instrument :
 BNA_F
 ClientSampleId :
 OR-RO-6710-060117

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	47.7	42.2	63.2

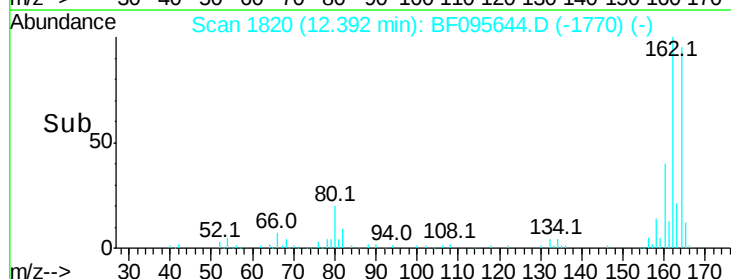
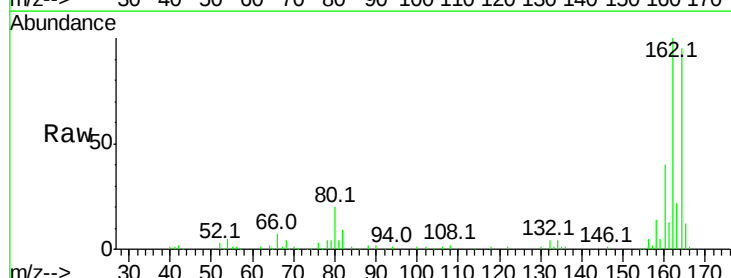
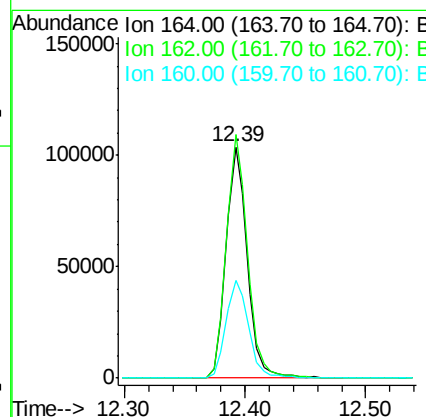
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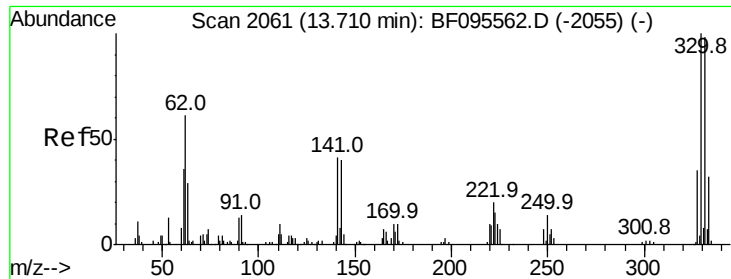
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095644.D
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	42.3	36.2	54.2





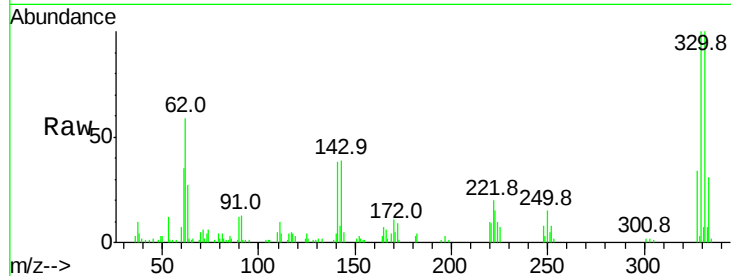
#41
 2,4,6-Tribromophenol
 Concen: 67.33 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095644.D
 Acq: 2 Jun 2017 20:36

Instrument :
 BNA_F
 ClientSampleId :
 OR-RO-6710-060117

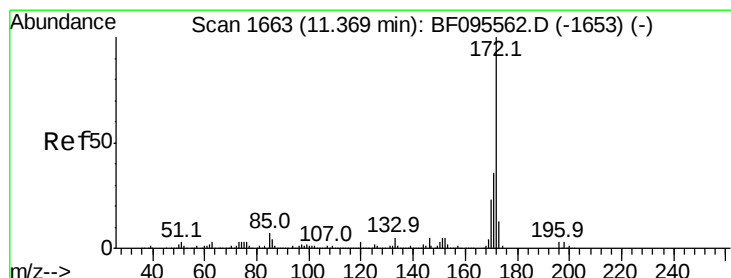
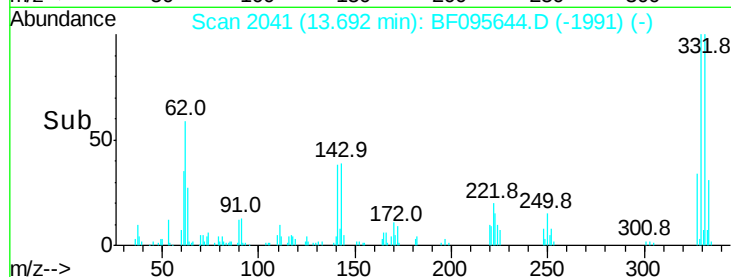
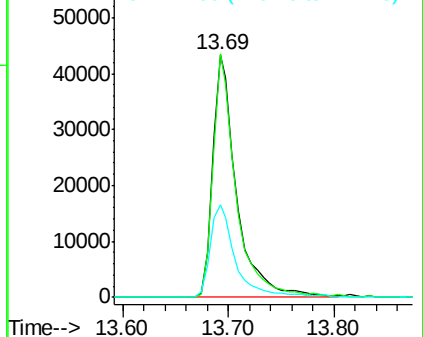
Tot Ion	Ratio	Resp	Lower	Upper
330	100	69180		
332	95.8	76.6	115.0	
141	40.2	31.4	47.2	

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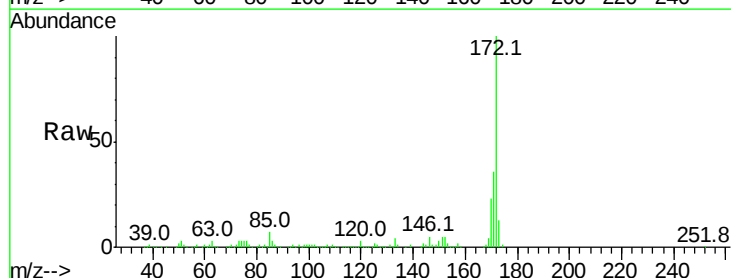


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

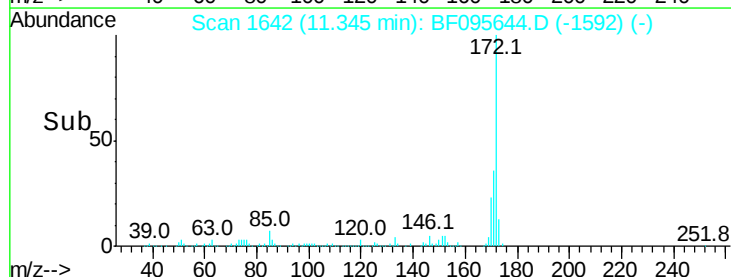
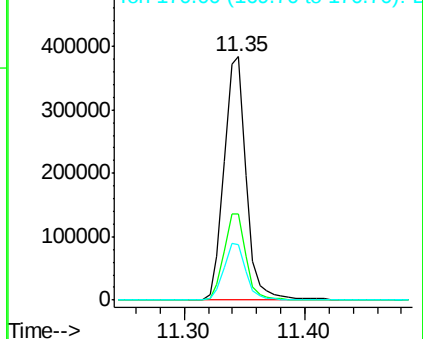


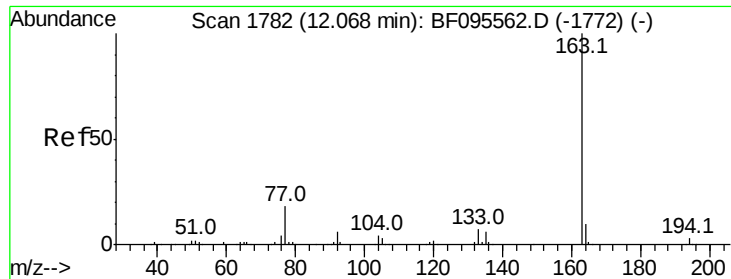
#44
 2-Fluorobiphenyl
 Concen: 56.05 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095644.D
 Acq: 2 Jun 2017 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	488521		
171	35.6	29.6	44.4	
170	22.8	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





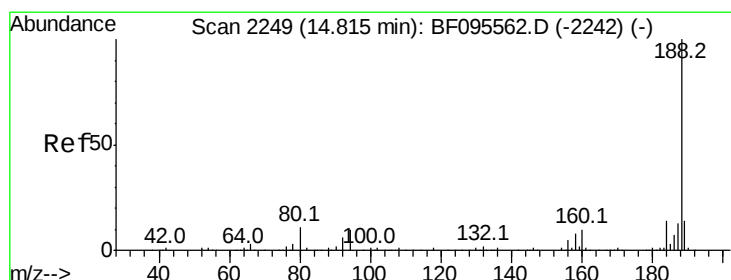
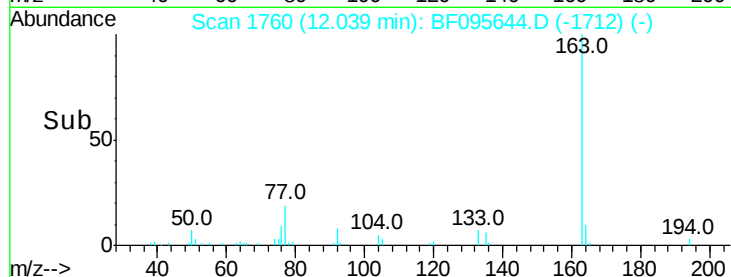
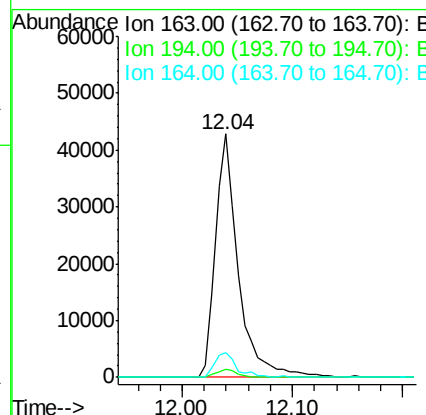
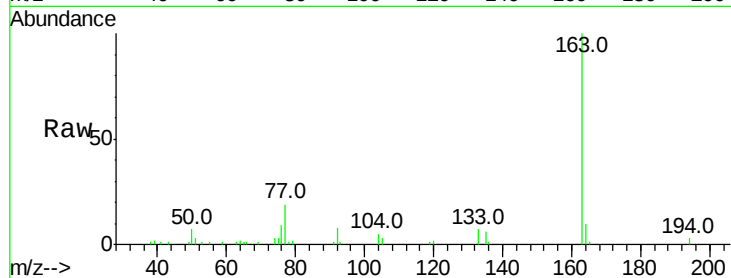
#49
Dimethylphthalate
Concen: 5.90 ng
RT: 12.04 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF095644.D
Acq: 2 Jun 2017 20:36

Instrument :
BNA_F
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OR-RO-6710-060117

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.0	8.4	12.6

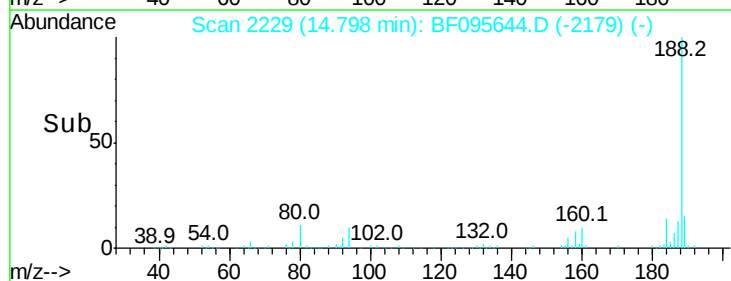
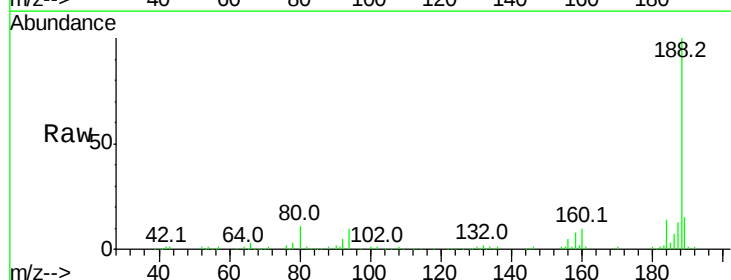
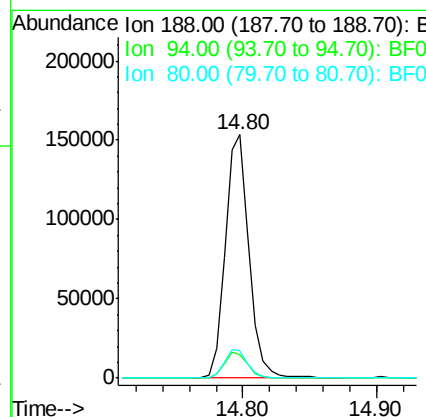
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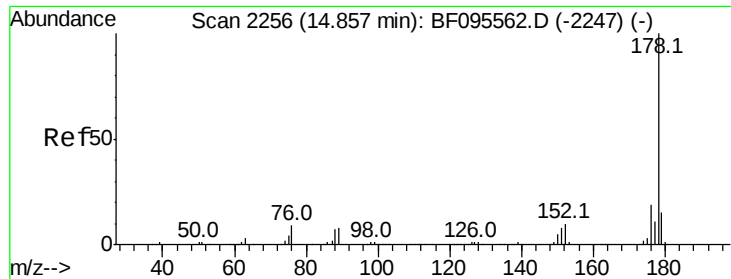
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095644.D
Acq: 2 Jun 2017 20:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	11.2	10.2	15.2





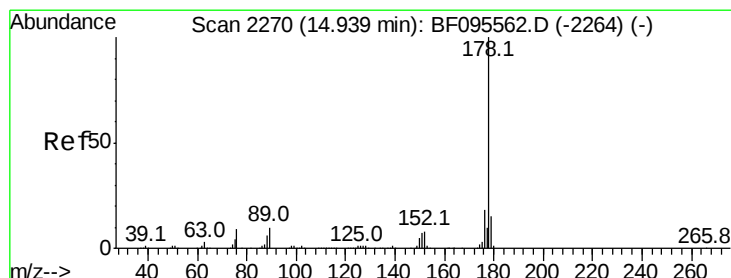
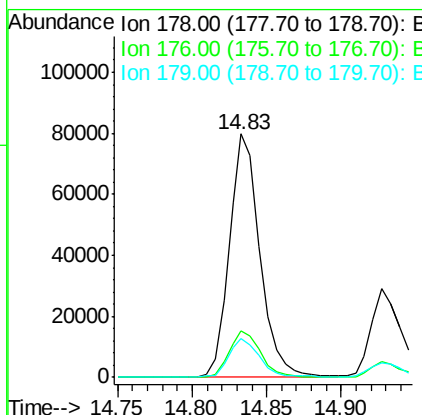
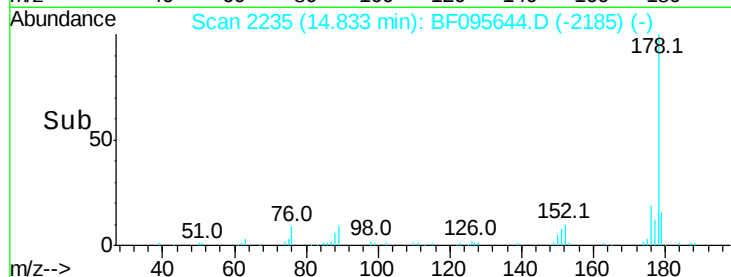
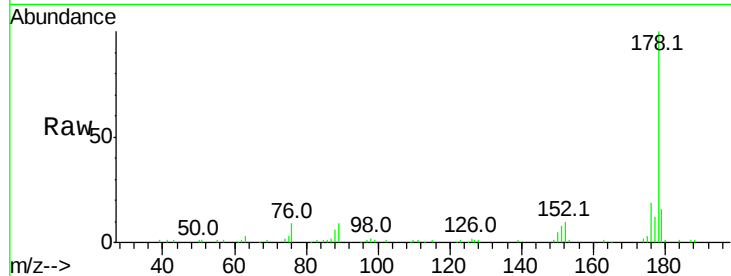
#70
Phenanthrene
Concen: 10.38 ng
RT: 14.83 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF095644.D
Acq: 2 Jun 2017 20:36

Instrument :
BNA_F
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OR-RO-6710-060117

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.8	12.6	19.0

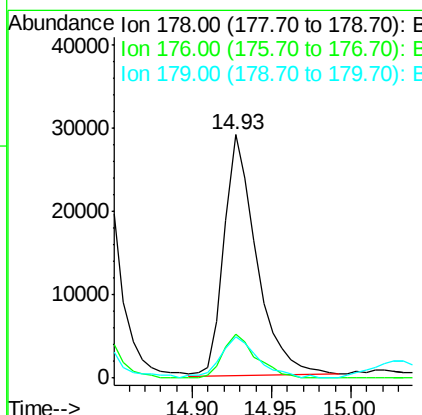
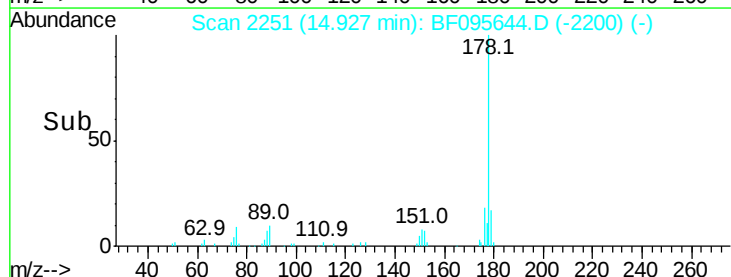
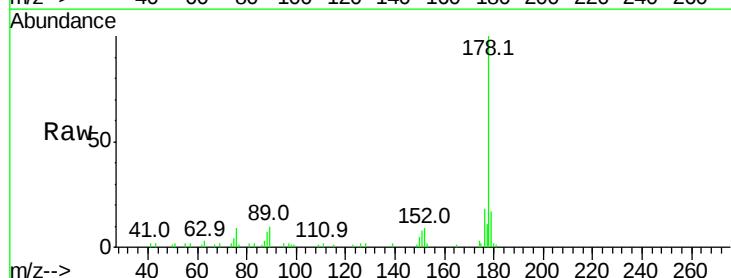
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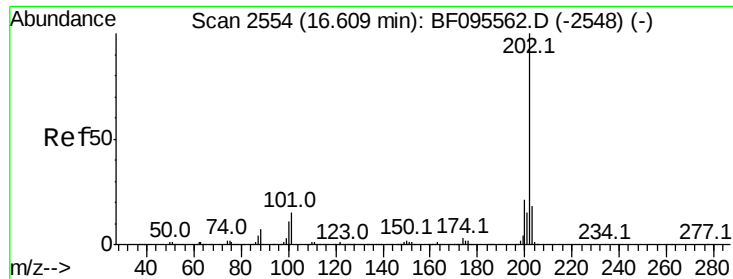
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#71
Anthracene
Concen: 3.66 ng
RT: 14.93 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BF095644.D
Acq: 2 Jun 2017 20:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	16.9	12.7	19.1





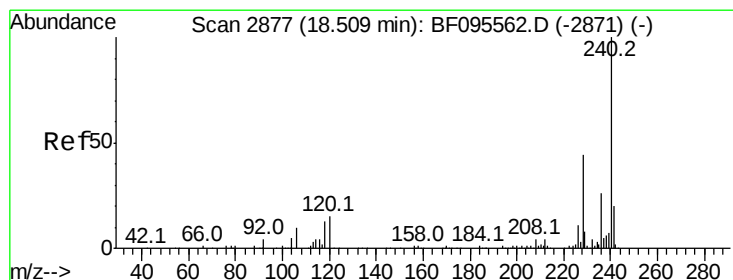
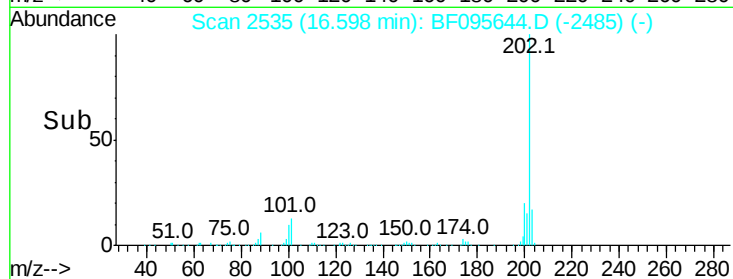
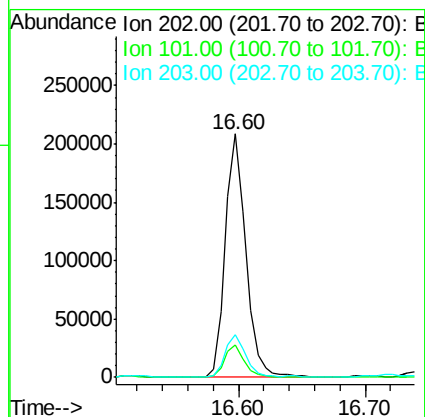
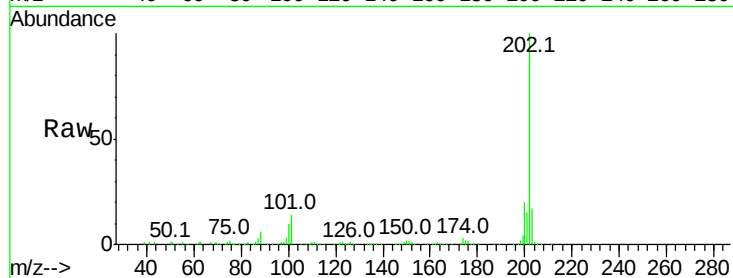
#74
Fluoranthene
Concen: 20.96 ng
RT: 16.60 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF095644.D
Acq: 2 Jun 2017 20:36

Instrument :
BNA_F
ClientSampleId :
OR-RO-6710-060117

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	0.0	33.2
203	17.4	0.0	38.1

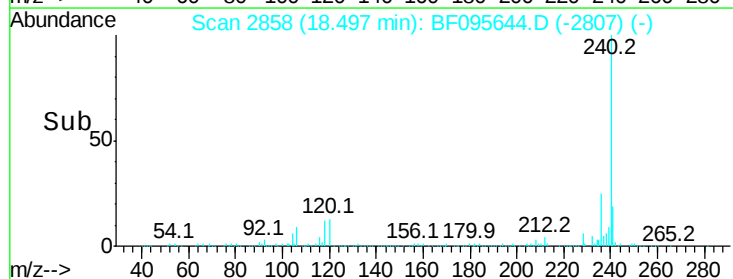
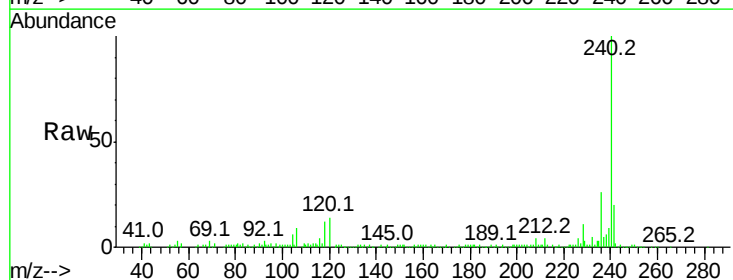
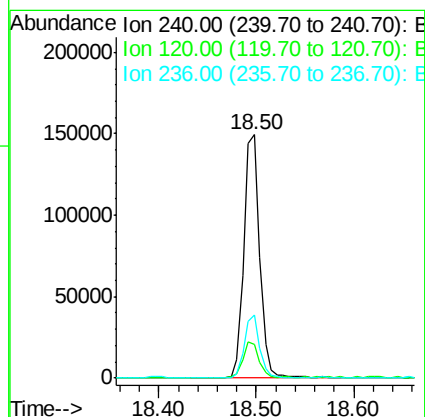
Manual Integrations
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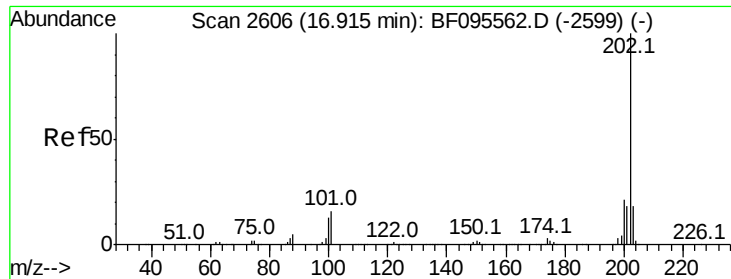
mohammad
6/6/2017 8:48:56 AM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF095644.D
Acq: 2 Jun 2017 20:36

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.7	20.5	30.7





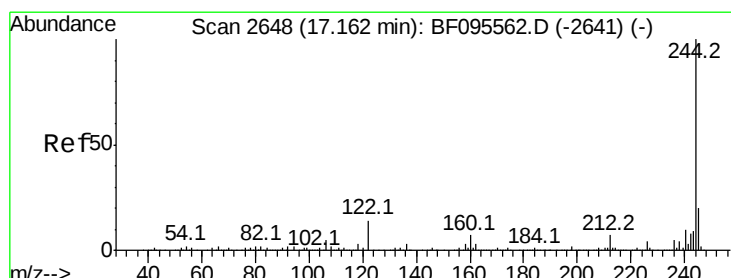
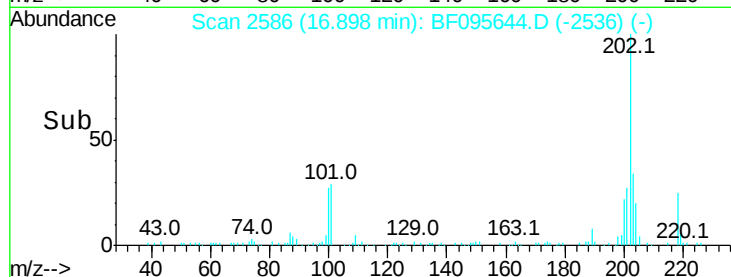
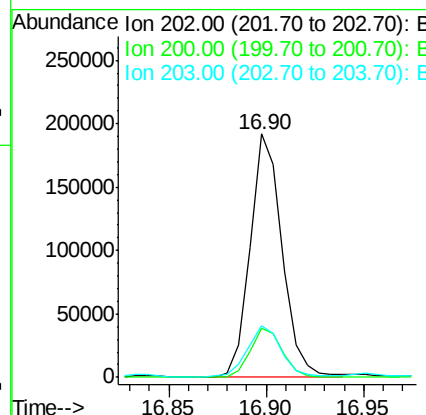
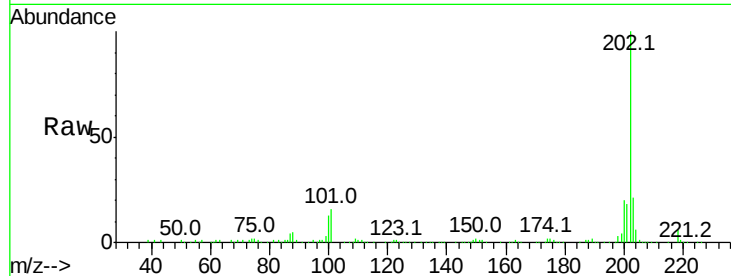
#77
Pvrene
Concen: 16.97 ng
RT: 16.90 min Scan# 2586
Delta R.T. -0.01 min
Lab File: BF095644.D
Acq: 2 Jun 2017 20:36

Instrument :
BNA_F
ClientSampleId :
OR-RO-6710-060117

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	17.6	26.4
203	21.4	14.4	21.6

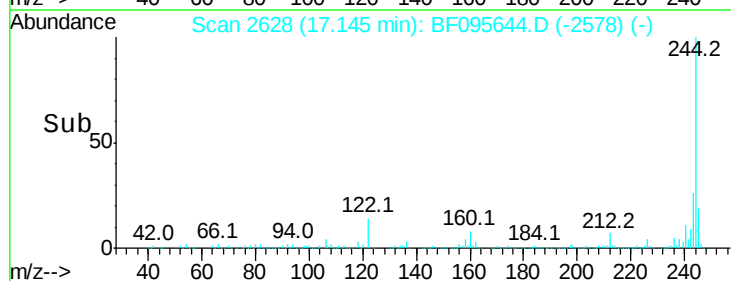
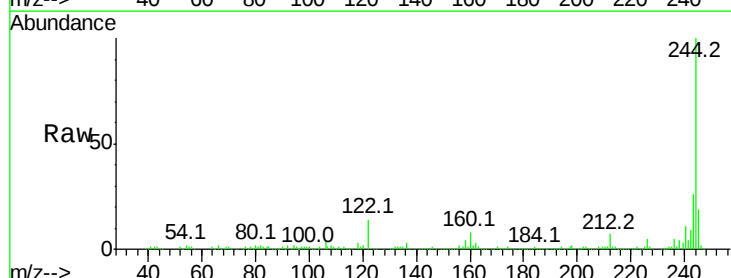
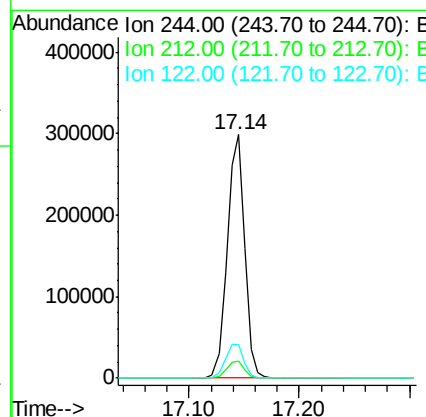
Manual Integrations
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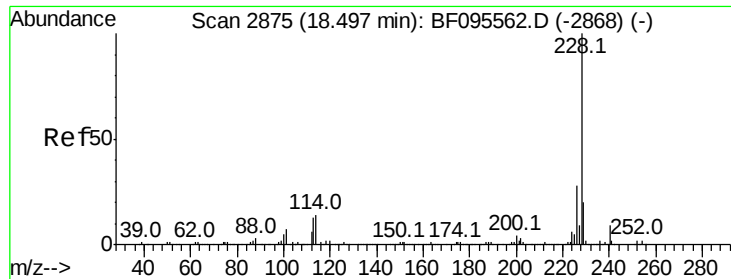
mohammad
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#78
Terphenyl-d14
Concen: 42.64 ng
RT: 17.14 min Scan# 2628
Delta R.T. -0.01 min
Lab File: BF095644.D
Acq: 2 Jun 2017 20:36

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.8	10.3	15.5





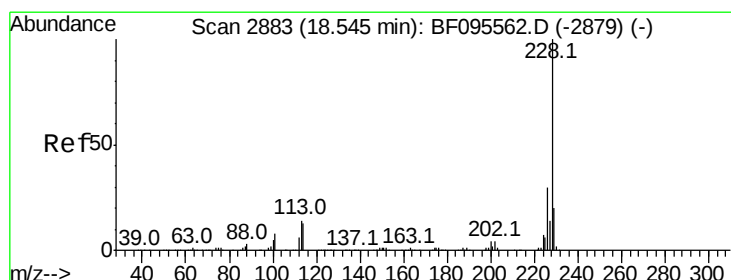
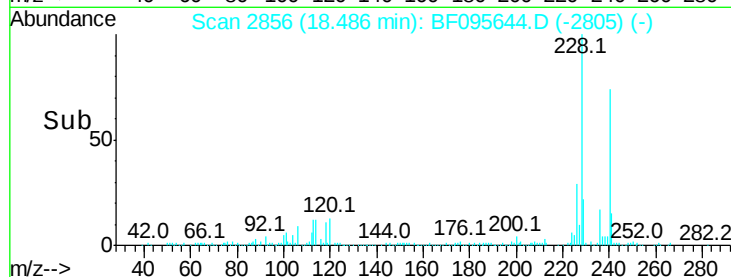
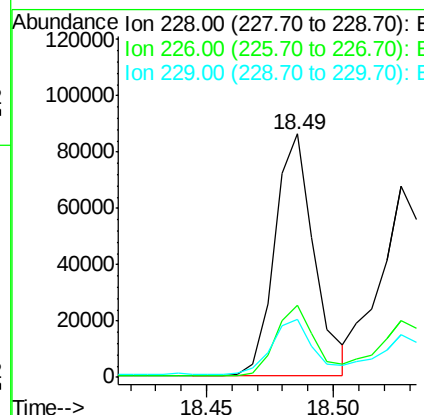
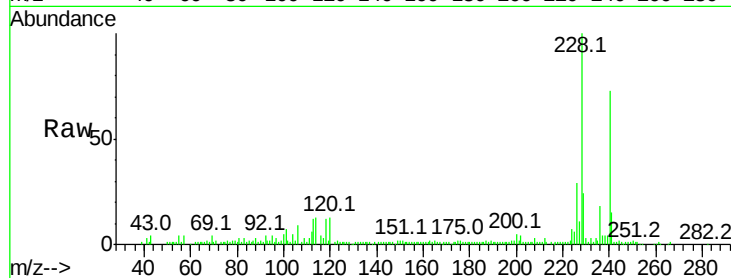
#80
Benzo(a)anthracene
Concen: 9.45 ng
RT: 18.49 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BF095644.D
Acq: 2 Jun 2017 20:36

Instrument :
BNA_F
ClientSampleId :
OR-RO-6710-060117

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	23.6	16.3	24.5

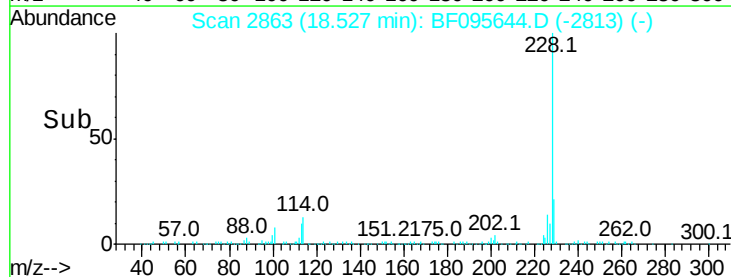
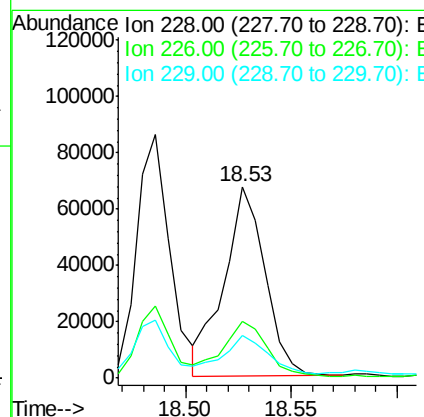
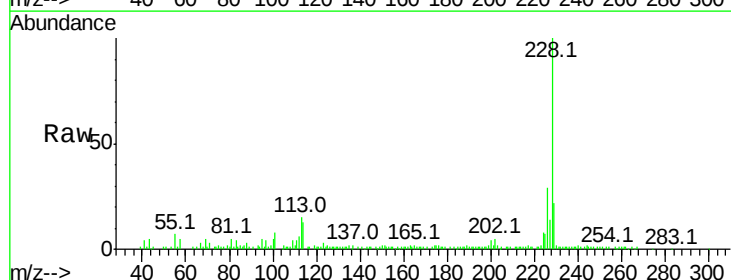
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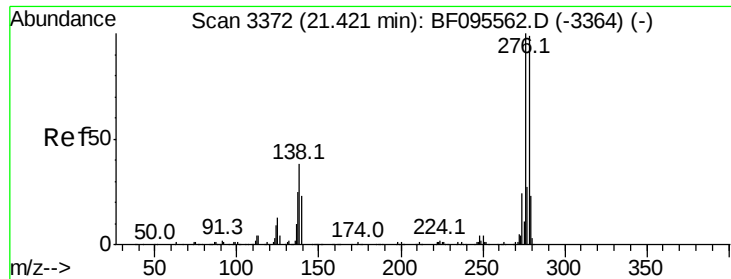
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#82
Chrysene
Concen: 9.39 ng
RT: 18.53 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BF095644.D
Acq: 2 Jun 2017 20:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	22.1	15.8	23.6





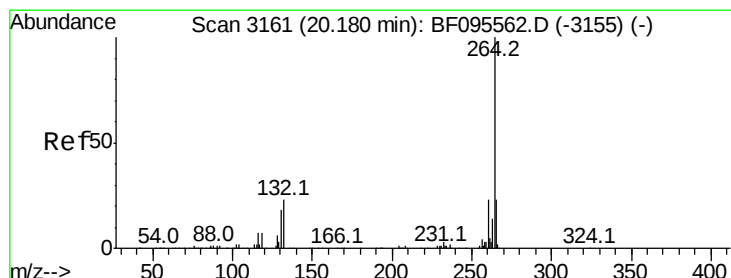
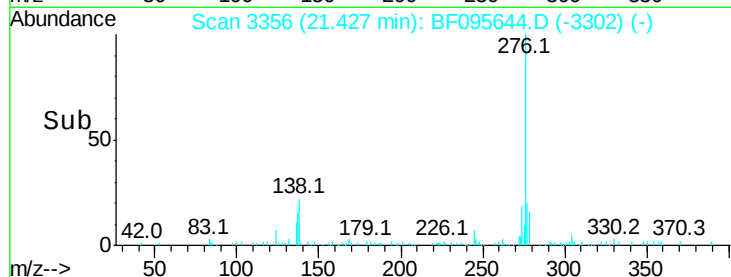
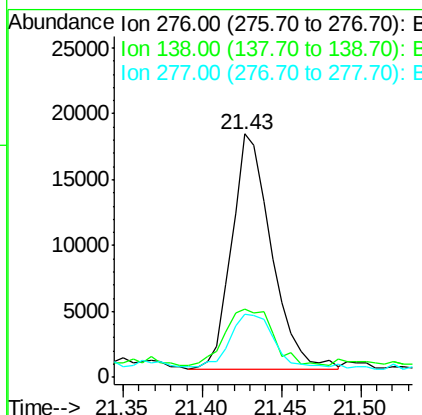
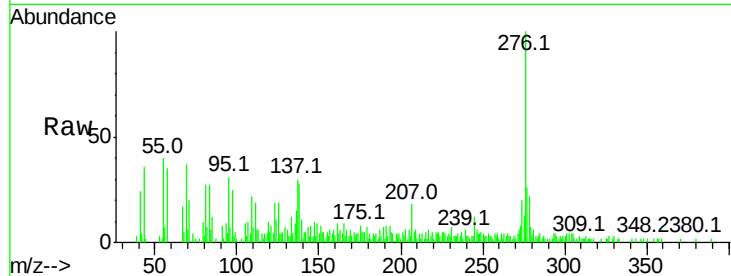
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.98 ng
RT: 21.43 min Scan# 3356
Delta R.T. 0.02 min
Lab File: BF095644.D
Acq: 2 Jun 2017 20:36

Instrument :
BNA_F
ClientSampleId :
OR-RO-6710-060117

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.8	27.8	41.6
277	24.7	20.2	30.4

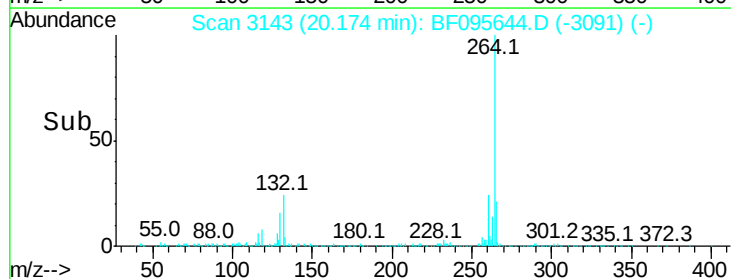
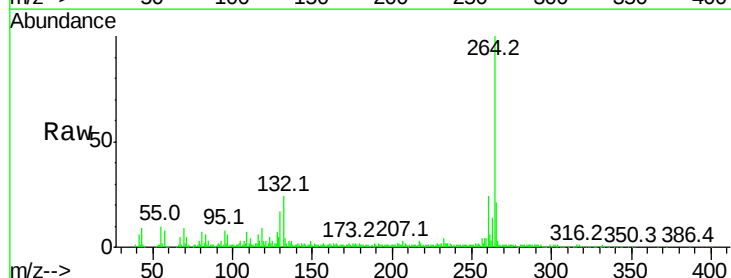
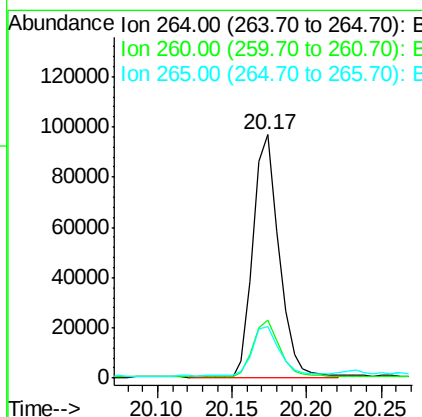
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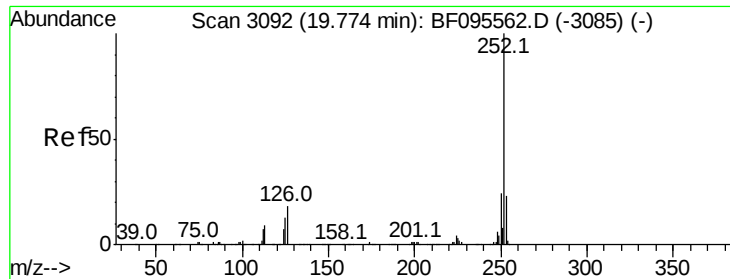
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BF095644.D
Acq: 2 Jun 2017 20:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.2	17.2	25.8





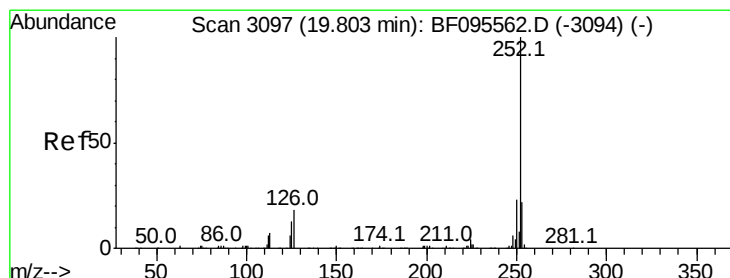
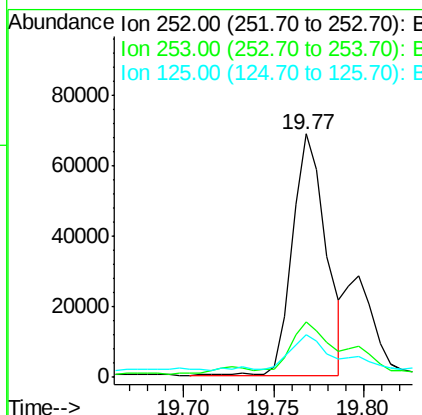
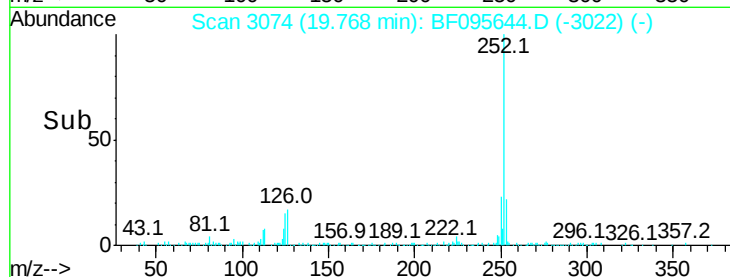
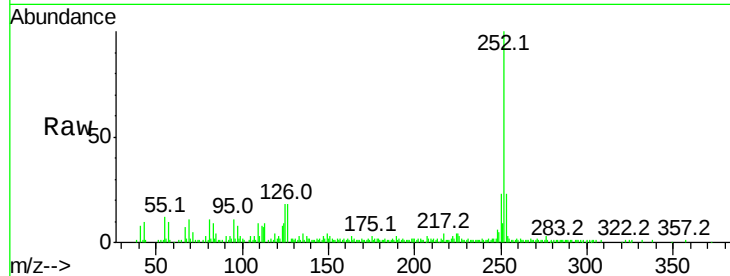
#87
Benzo(b)fluoranthene
Concen: 12.41 ng m
RT: 19.77 min Scan# 3074
Delta R.T. 0.01 min
Lab File: BF095644.D
Acq: 2 Jun 2017 20:36

Instrument :
BNA_F
ClientSampleId :
OR-RO-6710-060117

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	17.5	9.8	14.8

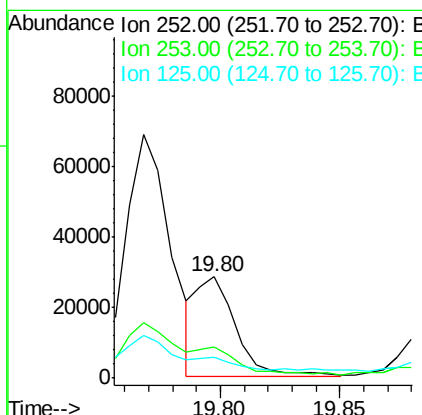
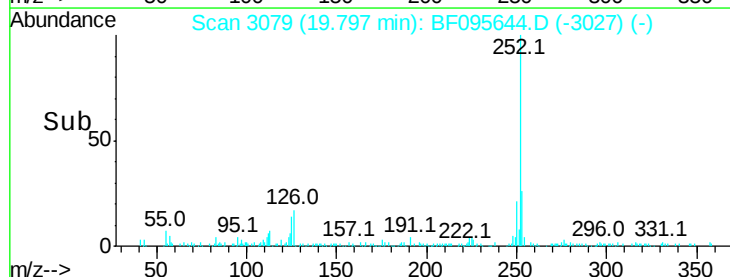
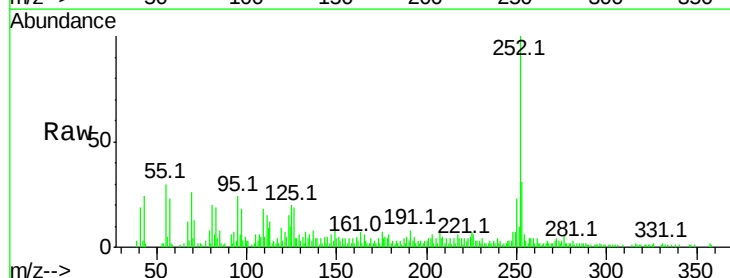
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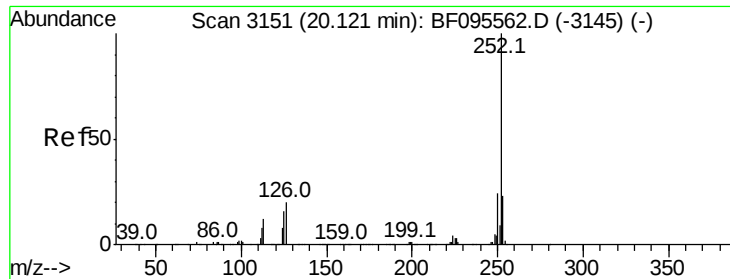
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#88
Benzo(k)fluoranthene
Concen: 4.72 ng m
RT: 19.80 min Scan# 3079
Delta R.T. 0.01 min
Lab File: BF095644.D
Acq: 2 Jun 2017 20:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.7	18.4	27.6
125	20.2	13.1	19.7





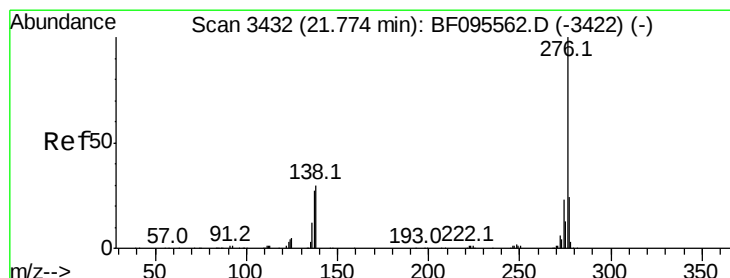
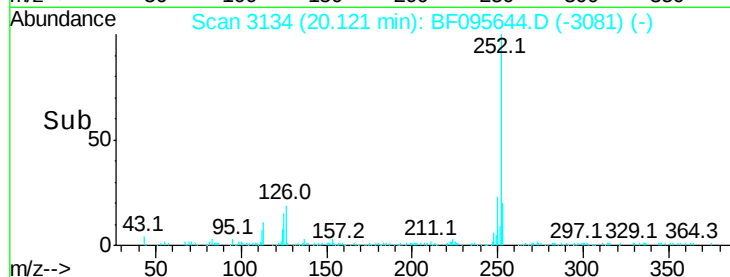
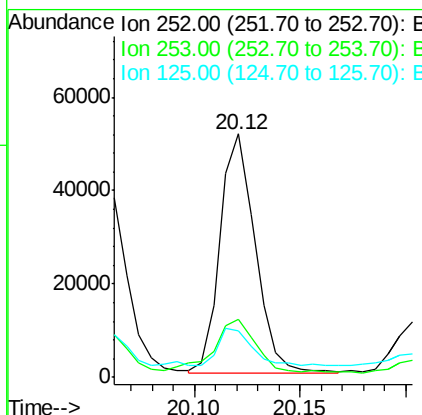
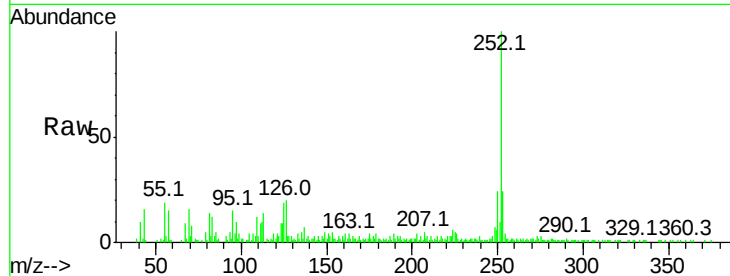
#89
Benzo(a)pyrene
Concen: 8.89 ng
RT: 20.12 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095644.D
Acq: 2 Jun 2017 20:36

Instrument :
BNA_F
ClientSampleId :
OR-RO-6710-060117

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	19.1	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.38 ng
RT: 21.79 min Scan# 3418
Delta R.T. 0.04 min
Lab File: BF095644.D
Acq: 2 Jun 2017 20:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.4	18.6	28.0
138	35.1	25.4	38.0

