

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094892.D
 Acq On : 5 May 2017 00:55
 Operator : SJ/MA
 Sample : I2930-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-COMP

Manual Integrations
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Quant Time: May 05 10:18:09 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	82257	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	269134	20.00	ng	0.00
38) Acenaphthene-d10	12.64	164	116175	20.00	ng	0.05
63) Phenanthrene-d10	15.04	188	145428	20.00	ng	0.05
75) Chrysene-d12	18.64	240	177532	20.00	ng	-0.01
86) Perylene-d12	20.30	264	165934	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	560887	113.68	ng	-0.02
7) Phenol-d6	7.26	99	678977	114.70	ng	-0.02
23) Nitrobenzene-d5	8.62	82	400269	93.78	ng	-0.01
41) 2,4,6-Tribromophenol	13.95	330	99711	104.80	ng	0.06
44) 2-Fluorobiphenyl	11.55	172	583104	72.24	ng	0.02
78) Terphenyl-d14	17.31	244	515544	63.96	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	9.79	128	512048	37.85	ng	# 70
37) 2-Methylnaphthalene	10.97	142	3909277	440.36	ng	98
49) Dimethylphthalate	12.25	163	162977	17.09	ng	# 93
57) Fluorene	13.54	166	498431	56.06	ng	# 90
70) Phenanthrene	15.09	178	1527495	182.81	ng	99
71) Anthracene	15.15	178	171095m	20.05	ng	

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

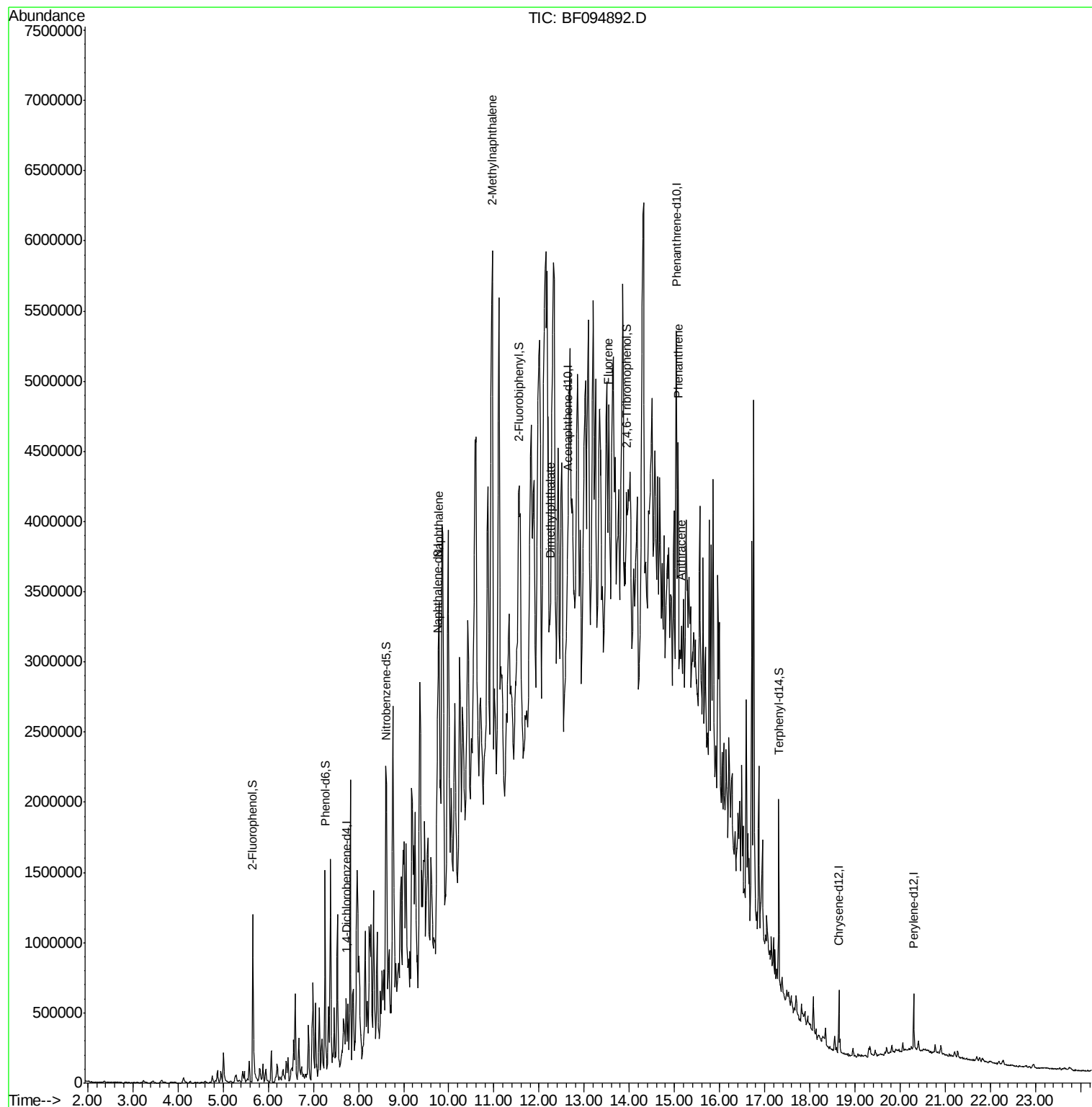
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094892.D
Acq On : 5 May 2017 00:55
Operator : SJ/MA
Sample : I2930-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

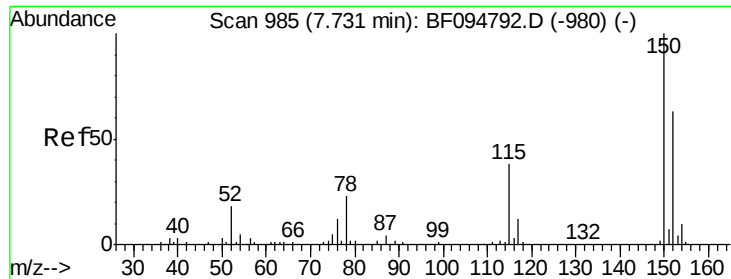
Instrument :
BNA_F
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RO-1-COMP

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration





#1

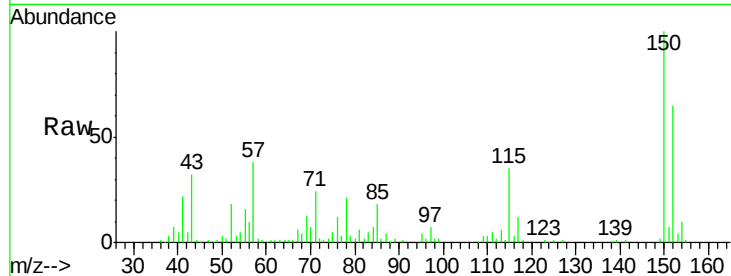
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Instrument :
BNA_F
ClientSampleId :
RO-1-COMP

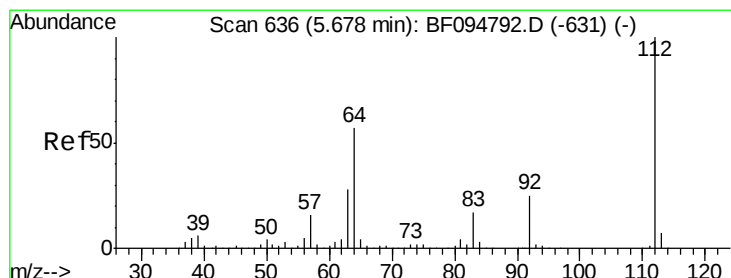
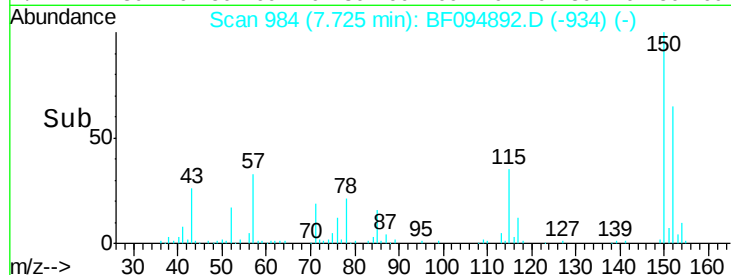
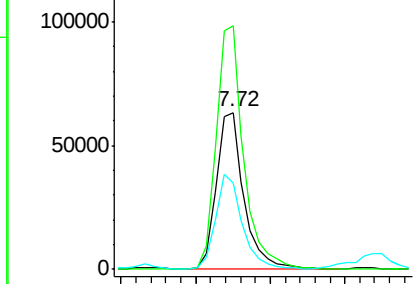
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	54.5	52.2	78.2

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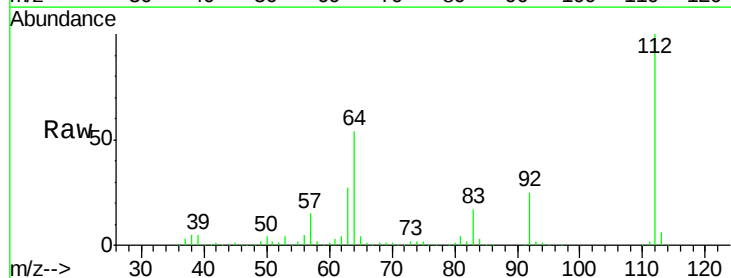
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



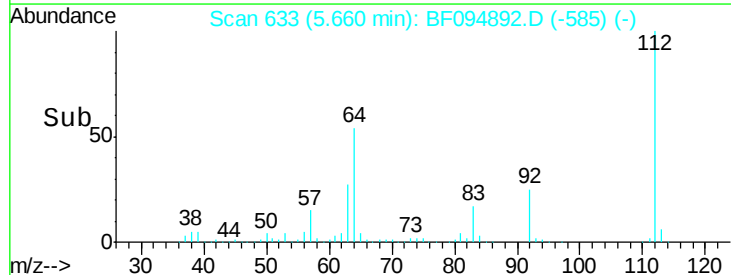
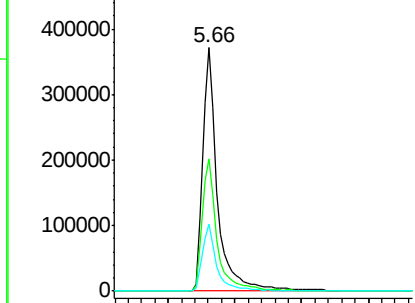
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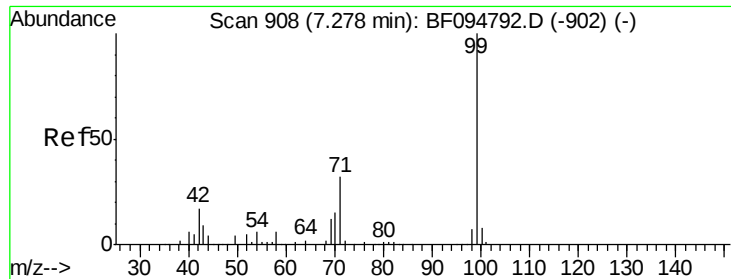
2-Fluorophenol
Concen: 113.68 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.0	69.0
63	27.5	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: 114.70 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Instrument :

BNA_F

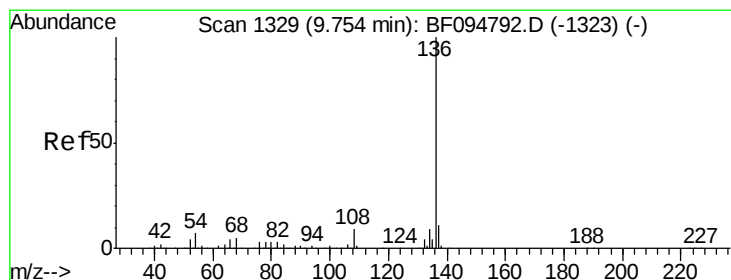
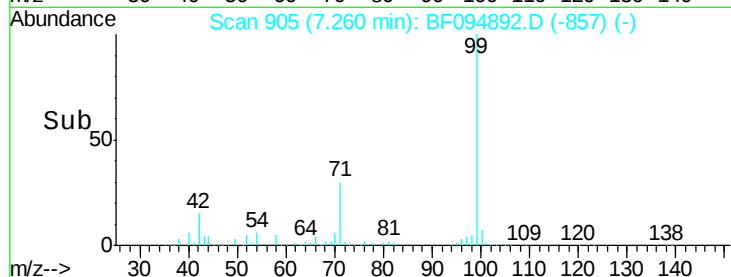
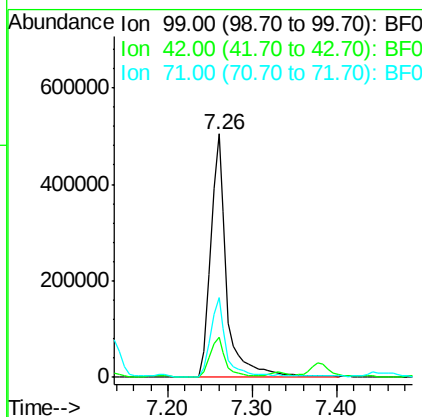
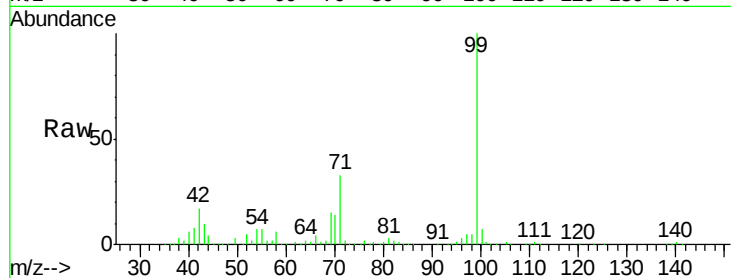
ClientSampleId :

RO-1-COMP

Tgt Ion:	99	Resp:	678977
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	32.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

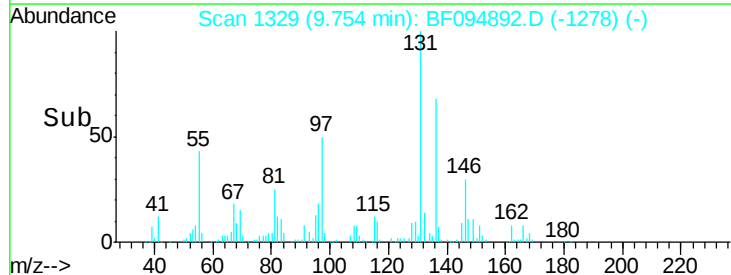
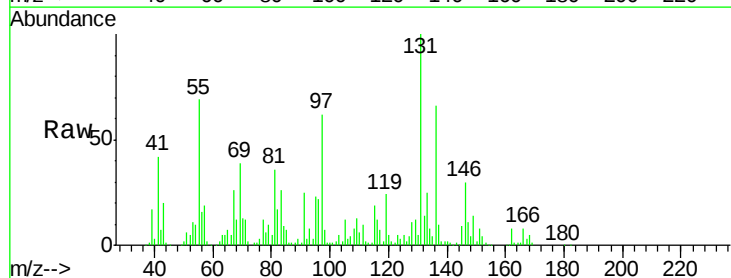
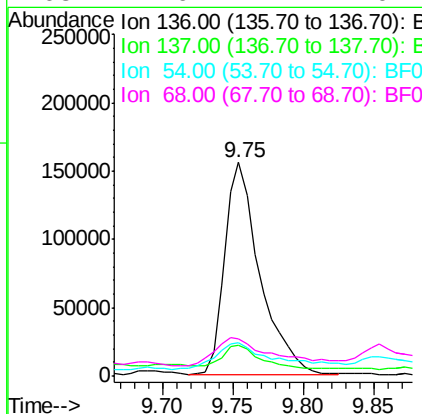
RT: 9.75 min Scan# 1329

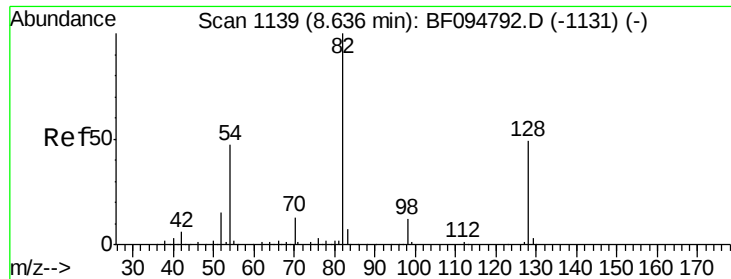
Delta R.T. 0.00 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Tgt Ion:	136	Resp:	269134
Ion	Ratio	Lower	Upper
136	100		
137	14.5	8.5	12.7#
54	15.7	4.9	7.3#
68	17.6	4.1	6.1#





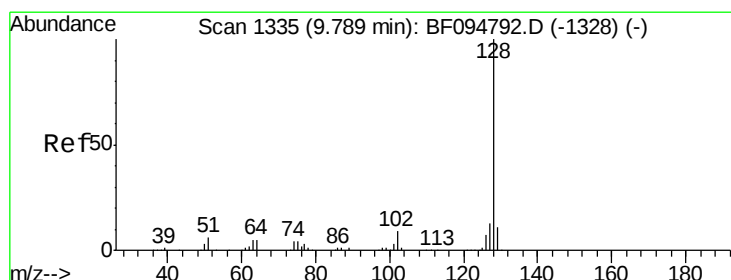
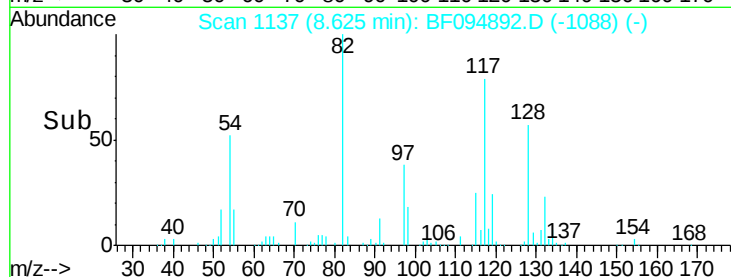
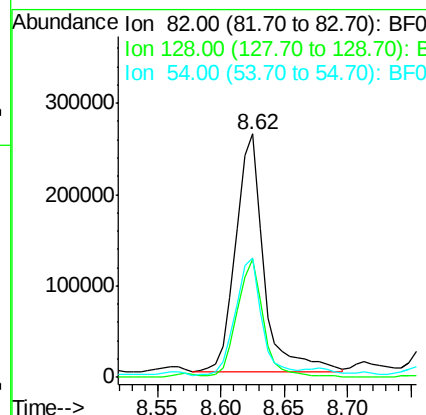
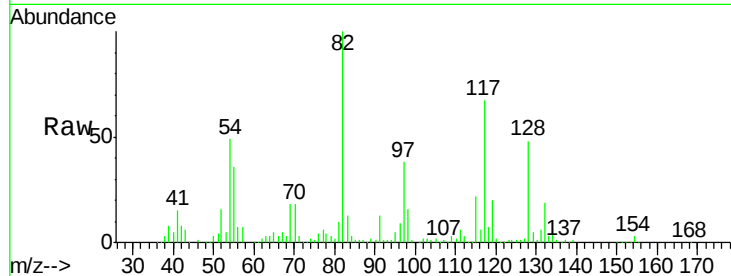
#23
Nitrobenzene-d5
Concen: 93.78 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Instrument :
BNA_F
ClientSampleId :
RO-1-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	400269		
128	48.3	34.0	51.0	
54	49.0	42.2	63.2	

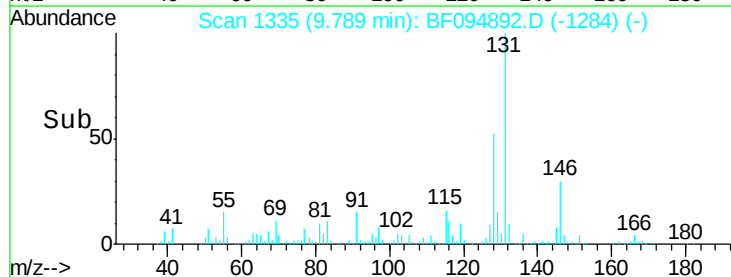
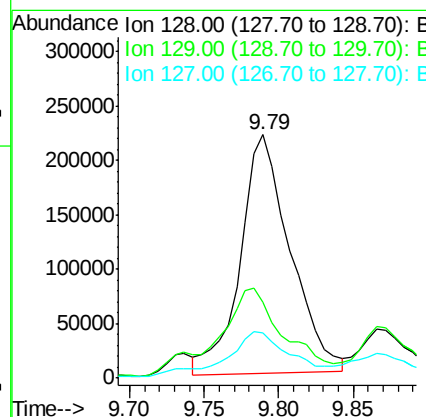
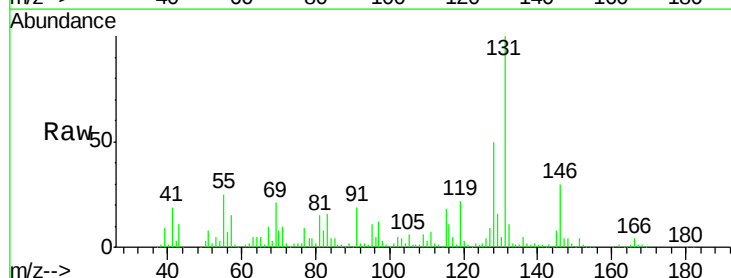
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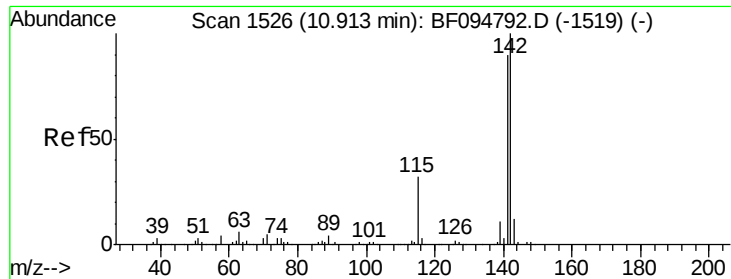
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#31
Naphthalene
Concen: 37.85 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	512048		
129	31.1	9.0	13.6#	
127	18.6	10.8	16.2#	





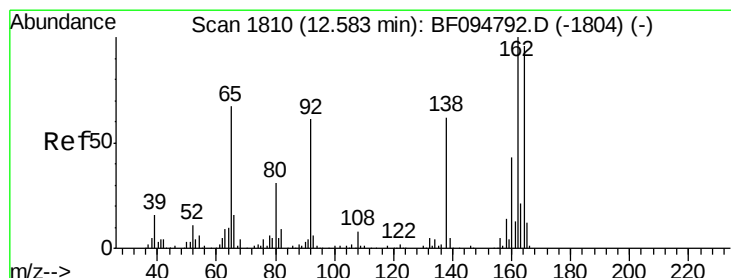
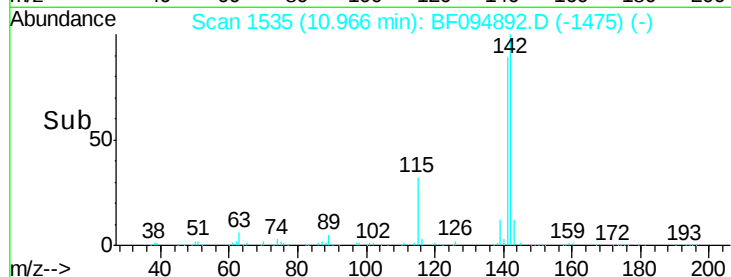
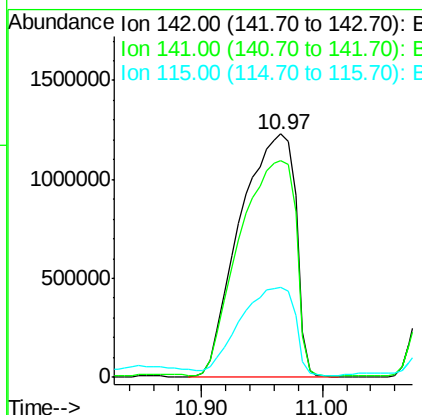
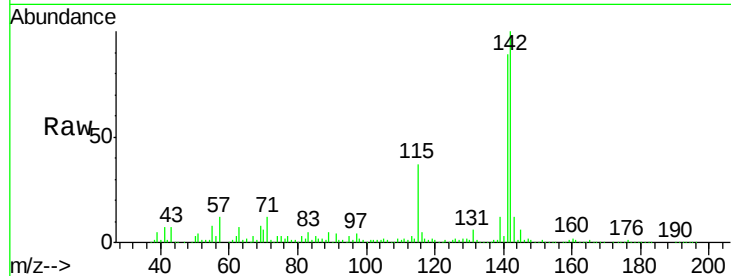
#37
 2-Methylnaphthalene
 Concen: 440.36 ng
 RT: 10.97 min Scan# 1535
 Delta R.T. 0.05 min
 Lab File: BF094892.D
 Acq: 5 May 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-COMP

Tgt Ion:142 Resp: 3909277
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.3 106.9
 115 37.0 27.1 40.7

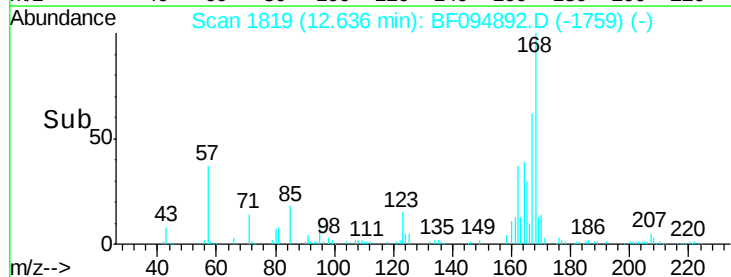
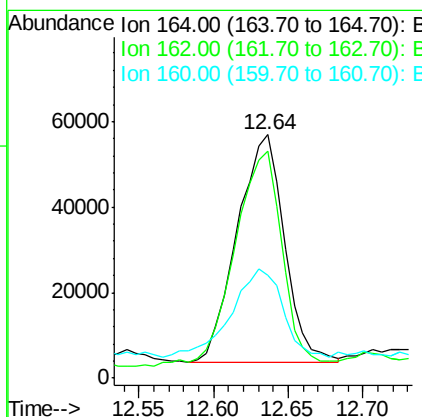
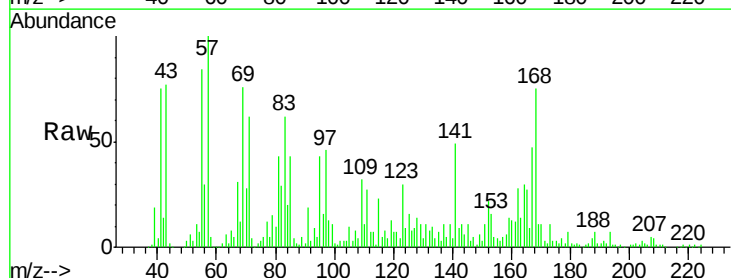
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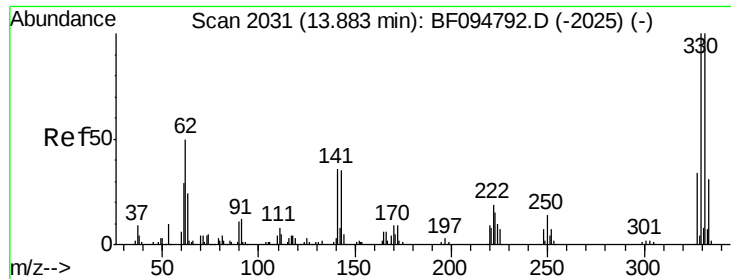
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.64 min Scan# 1819
 Delta R.T. 0.05 min
 Lab File: BF094892.D
 Acq: 5 May 2017 00:55

Tgt Ion:164 Resp: 116175
 Ion Ratio Lower Upper
 164 100
 162 93.3 82.6 123.8
 160 42.3 36.2 54.2





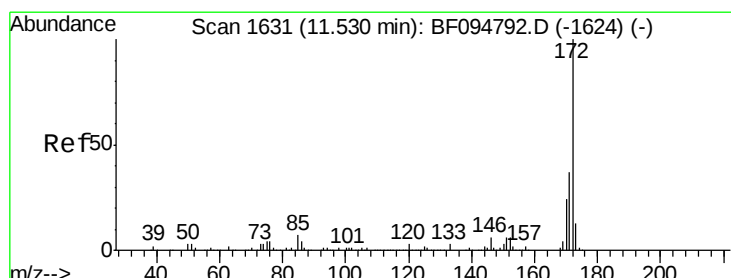
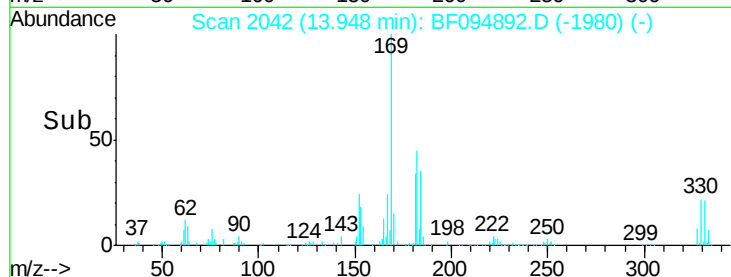
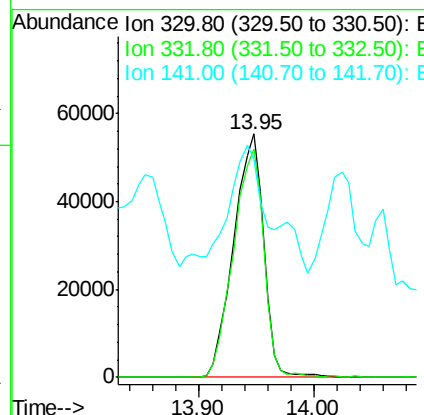
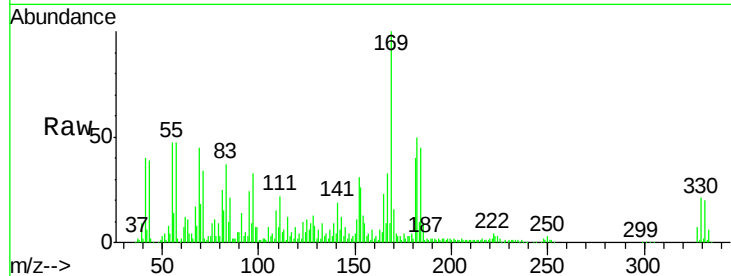
#41
 2,4,6-Tribromophenol
 Concen: 104.80 ng
 RT: 13.95 min Scan# 2042
 Delta R.T. 0.06 min
 Lab File: BF094892.D
 Acq: 5 May 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	99711		
332	95.2	76.6	115.0	
141	45.3	31.4	47.2	

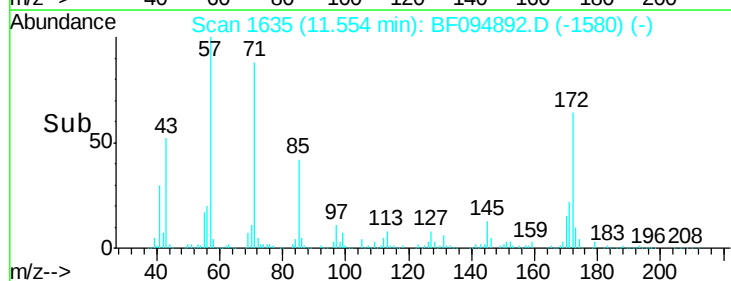
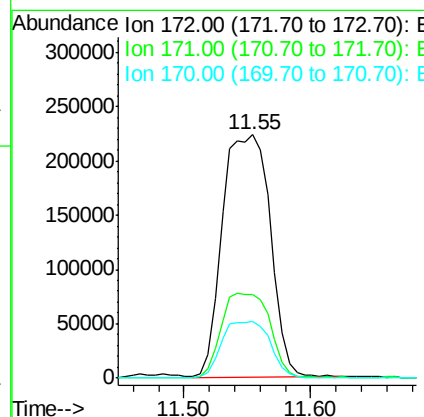
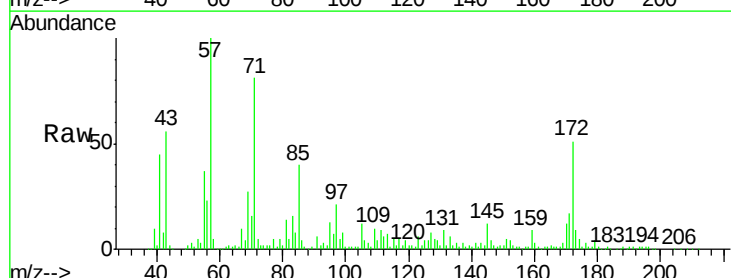
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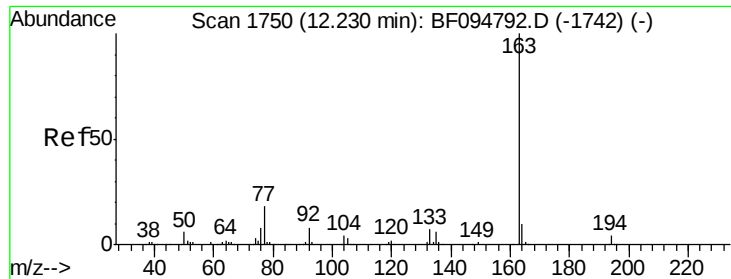
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#44
 2-Fluorobiphenyl
 Concen: 72.24 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. 0.02 min
 Lab File: BF094892.D
 Acq: 5 May 2017 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	583104		
171	34.3	29.6	44.4	
170	23.2	19.8	29.8	





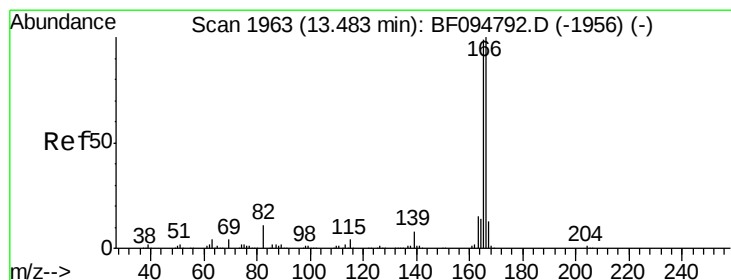
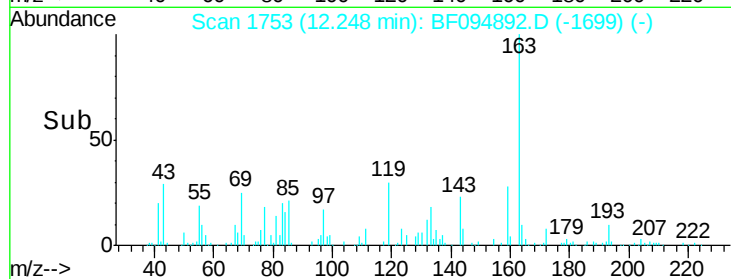
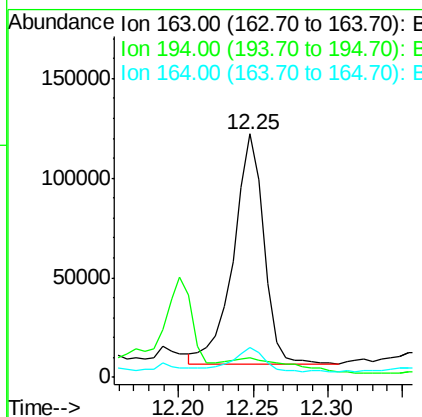
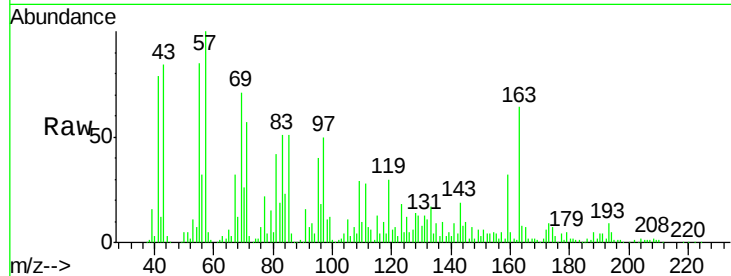
#49
Dimethylphthalate
Concen: 17.09 ng
RT: 12.25 min Scan# 1753
Delta R.T. 0.02 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Instrument :
BNA_F
ClientSampleId :
RO-1-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	162977		
194	8.1	2.6	4.0#	
164	12.2	8.4	12.6	

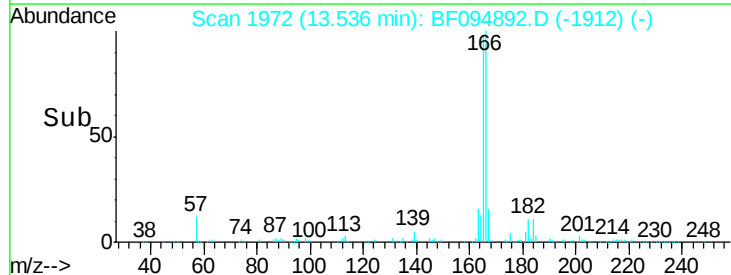
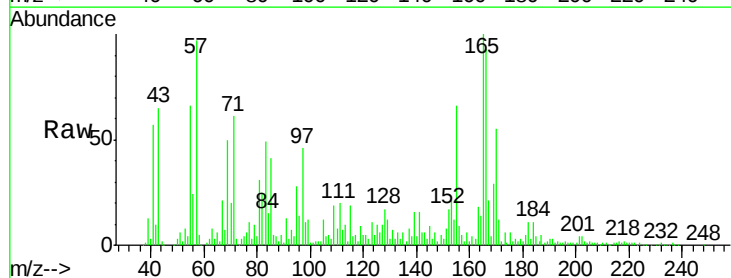
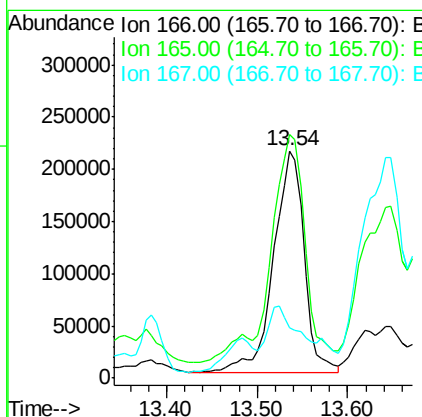
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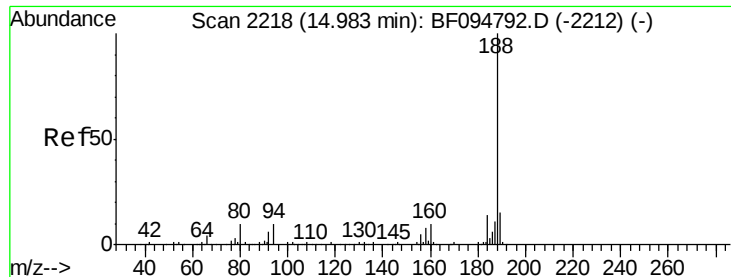
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#57
Fluorene
Concen: 56.06 ng
RT: 13.54 min Scan# 1972
Delta R.T. 0.05 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	498431		
165	107.3	78.8	118.2	
167	22.0	10.6	16.0#	





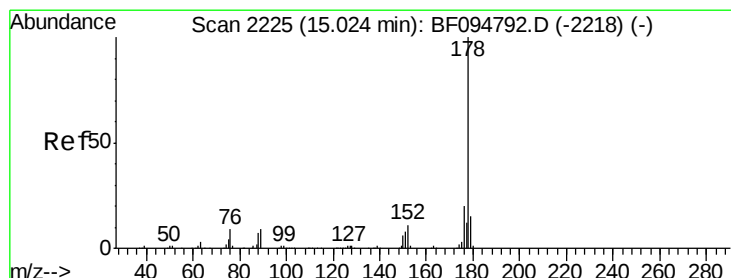
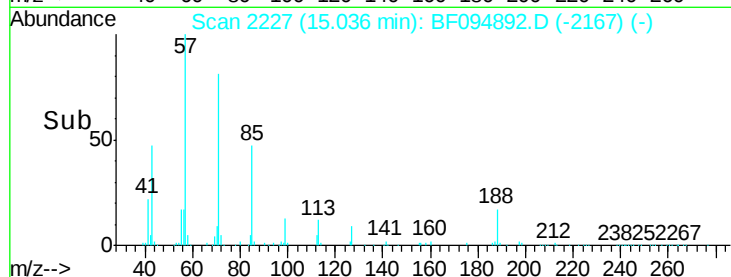
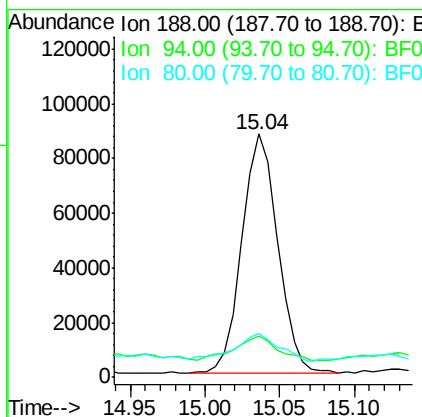
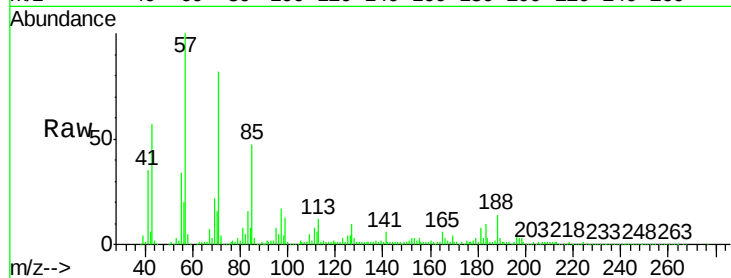
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.04 min Scan# 2227
Delta R.T. 0.05 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Instrument :
BNA_F
ClientSampleId :
RO-1-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	145428		
94	17.2	9.4	14.2#	
80	17.8	10.2	15.2#	

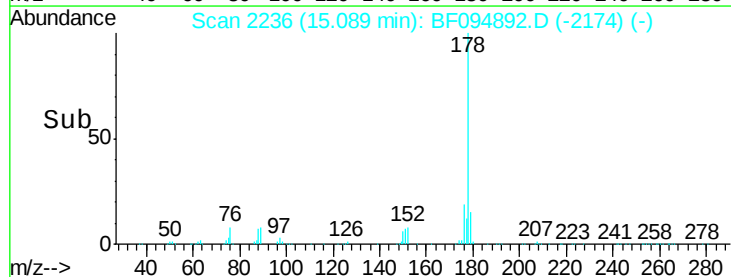
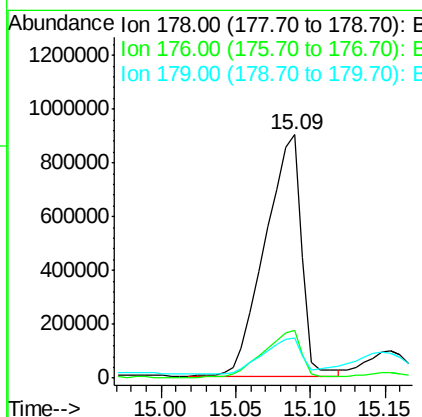
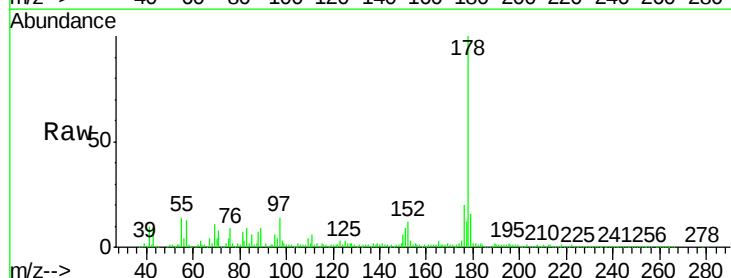
Manual Integrations
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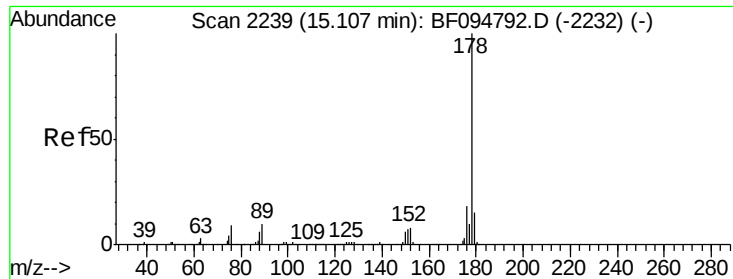
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#70
Phenanthrene
Concen: 182.81 ng
RT: 15.09 min Scan# 2236
Delta R.T. 0.06 min
Lab File: BF094892.D
Acq: 5 May 2017 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1527495		
176	19.8	16.2	24.4	
179	16.3	12.6	19.0	





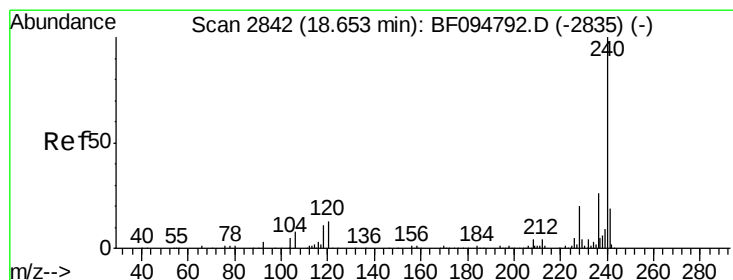
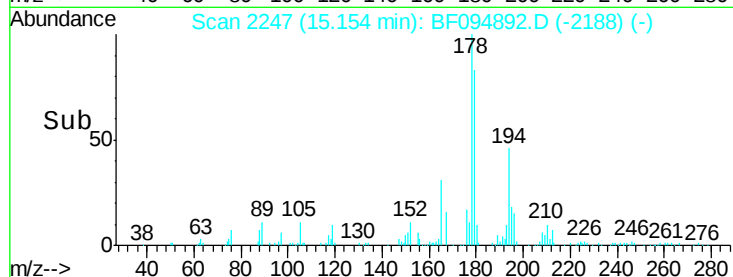
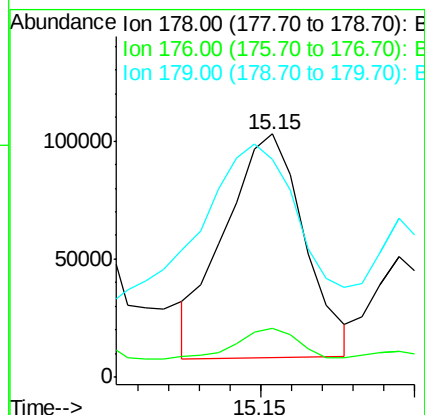
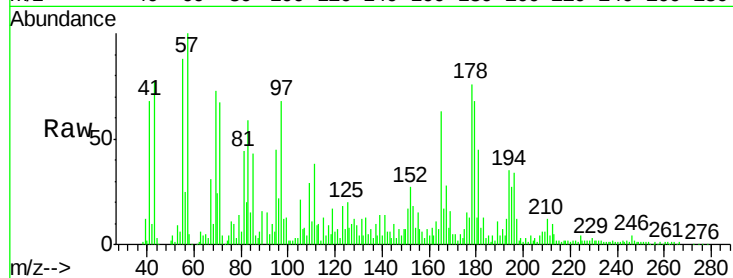
#71
 Anthracene
 Concen: 20.05 ng m
 RT: 15.15 min Scan# 2247
 Delta R.T. 0.05 min
 Lab File: BF094892.D
 Acq: 5 May 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-COMP

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	89.4	12.7	19.1#

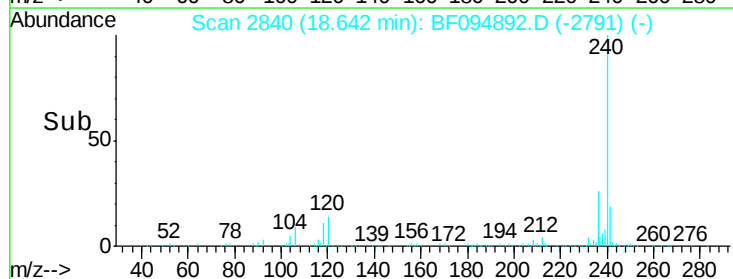
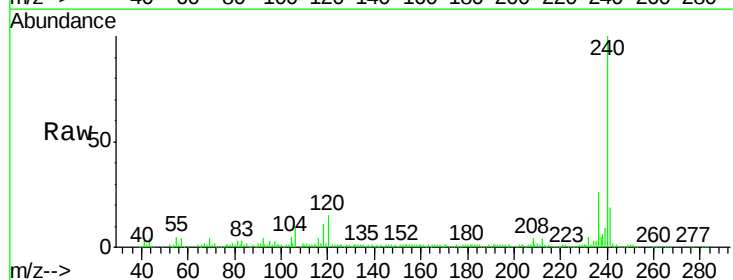
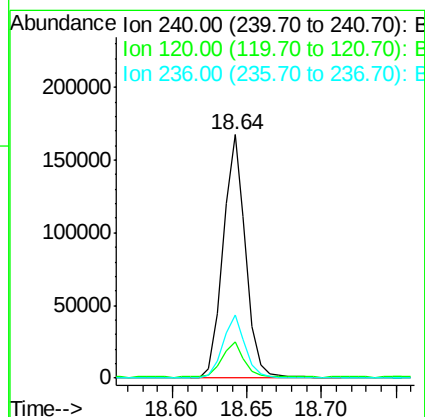
Manual Integrations
 APPROVED

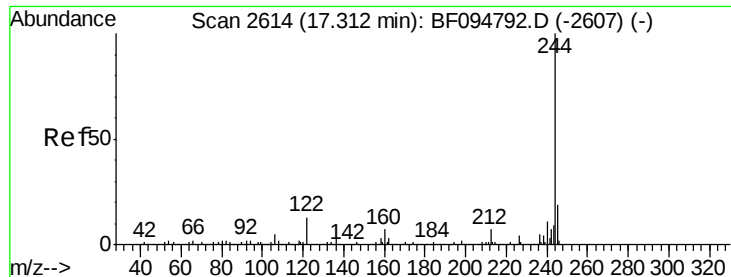
mohammad
 5/5/2017 5:23:34 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094892.D
 Acq: 5 May 2017 00:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	26.1	20.5	30.7





#78

Terphenyl-d14

Concen: 63.96 ng

RT: 17.31 min Scan# 2614

Delta R.T. 0.00 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Instrument :

BNA_F

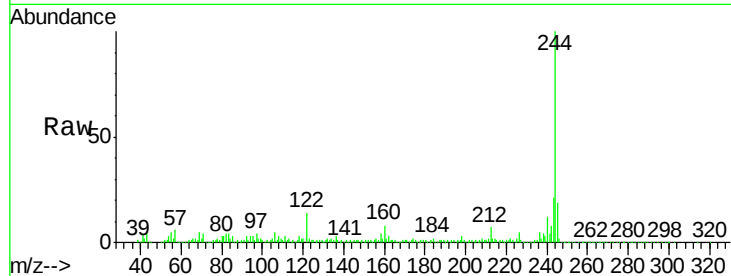
ClientSampleId :

RO-1-COMP

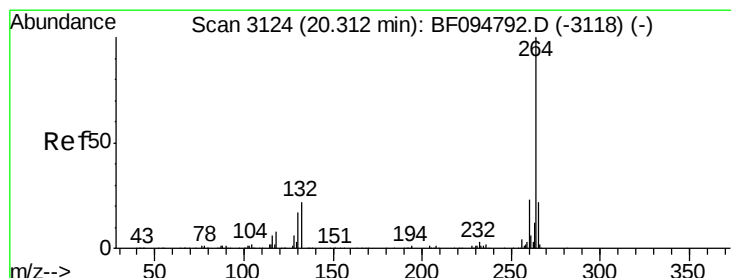
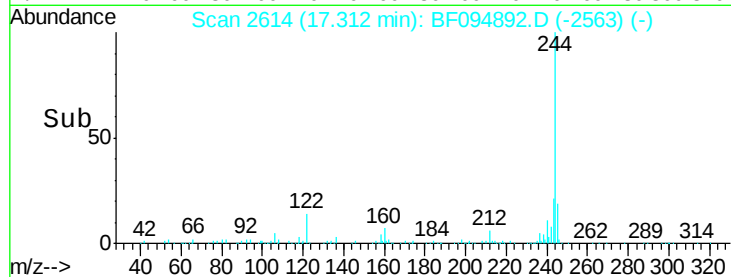
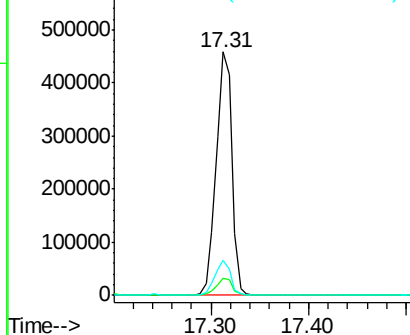
Tgt Ion:	244	Resp:	515544
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	14.1	10.3	15.5

Manual Integrations
APPROVED

mohammad
5/5/2017 5:23:34 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

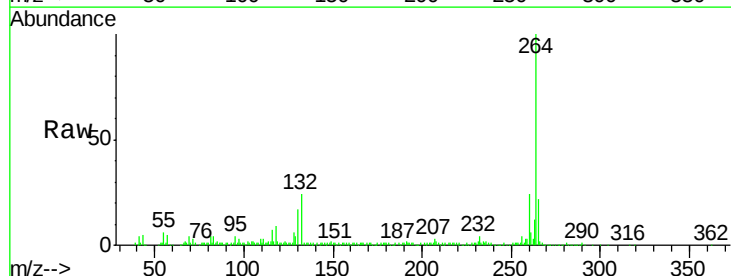
RT: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF094892.D

Acq: 5 May 2017 00:55

Tgt Ion:	264	Resp:	165934
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	21.5	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

