

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098616.D
 Acq On : 18 Sep 2017 21:52
 Operator : SJ/JU
 Sample : I5265-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-33D24

Manual Integrations
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Sohil
 9/19/2017 5:32:00 PM

Quant Time: Sep 19 07:02:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	76791	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	223254m	20.00	ng	0.05
38) Acenaphthene-d10	9.79	164	46422	20.00	ng	0.12
63) Phenanthrene-d10	11.25	188	111486	20.00	ng	0.10
75) Chrysene-d12	13.80	240	204130	20.00	ng	0.02
86) Perylene-d12	15.20	264	182942	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	504811	97.20	ng	0.00
7) Phenol-d6	6.29	99	587939	89.16	ng	0.00
23) Nitrobenzene-d5	7.22	82	197654m	49.36	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	47376	152.91	ng	0.11
44) 2-Fluorobiphenyl	9.09	172	188601	68.86	ng	0.09
78) Terphenyl-d14	12.76	244	408684	43.21	ng	0.03
Target Compounds						
74) Fluoranthene	12.42	202	89187m	15.074	ng	Qvalue
77) Pyrene	12.63	202	105571m	6.556	ng	
80) Benzo(a)anthracene	13.79	228	46598	3.894	ng	# 77
82) Chrysene	13.83	228	61126	5.053	ng	# 87
85) Indeno(1,2,3-cd)pyrene	16.53	276	26387	3.109	ng	96
87) Benzo(b)fluoranthene	14.80	252	67206m	5.843	ng	
89) Benzo(a)pyrene	15.14	252	27306	2.665	ng	# 49
91) Benzo(g,h,i)perylene	16.94	276	28504	3.802	ng	# 90

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

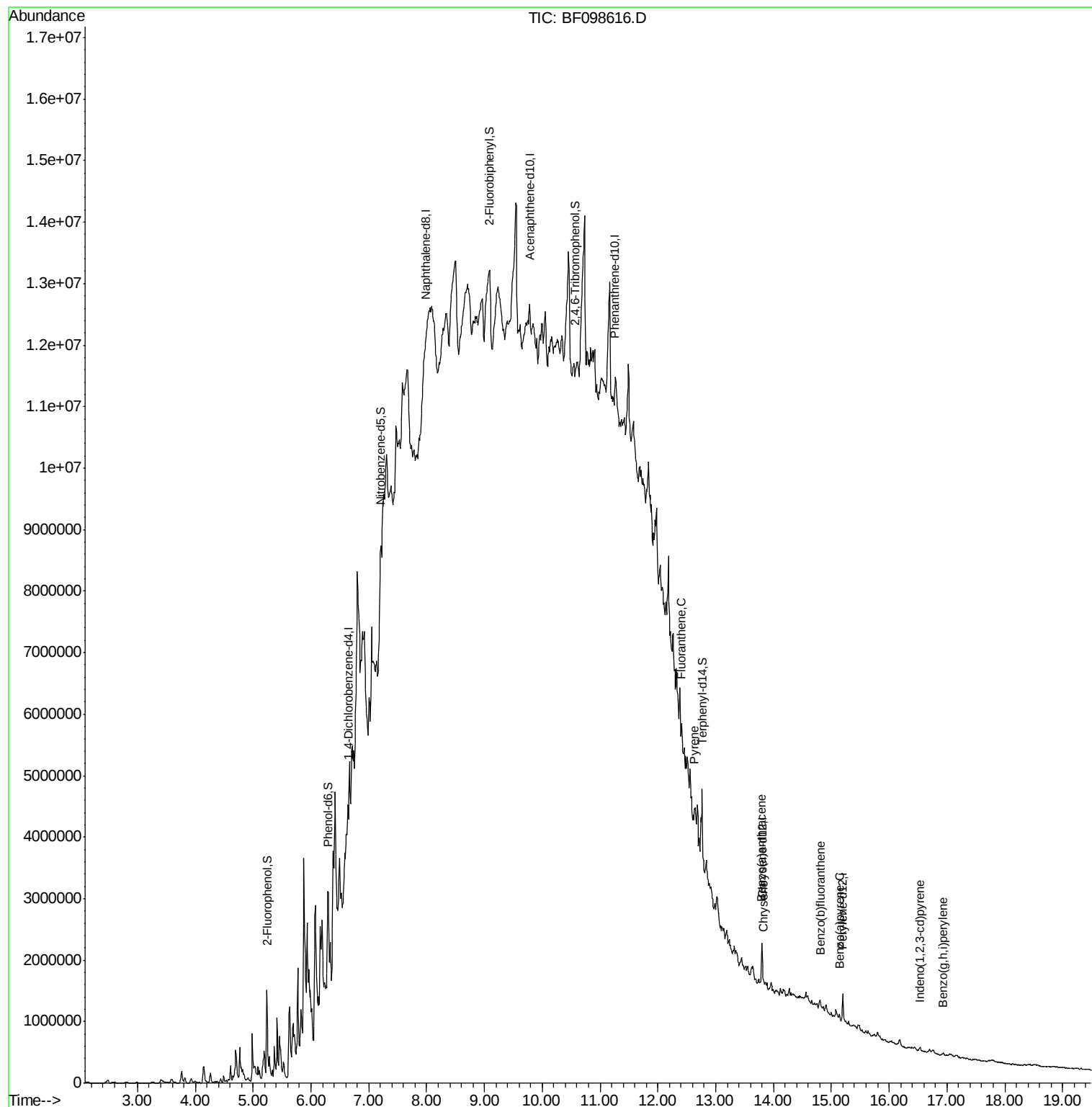
Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098616.D
Acq On : 18 Sep 2017 21:52
Operator : SJ/JU
Sample : I5265-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

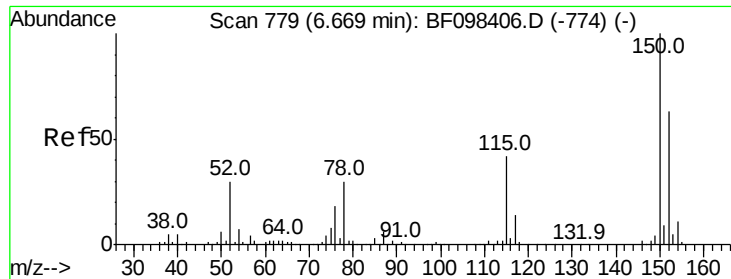
Instrument :
BNA_F
ClientSampleId :
TP-33D24

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Quant Time: Sep 19 07:02:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration





#1

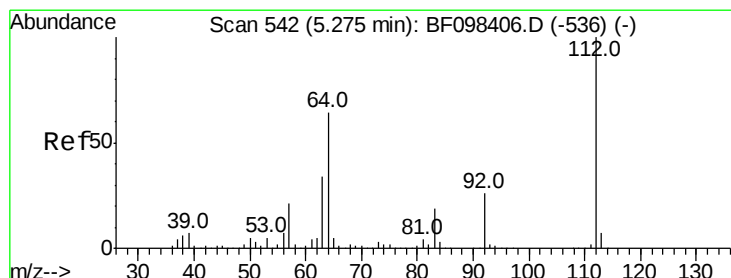
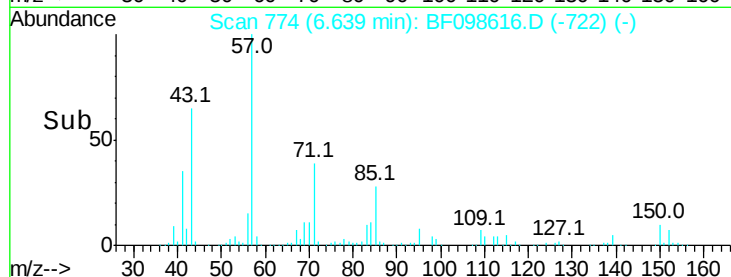
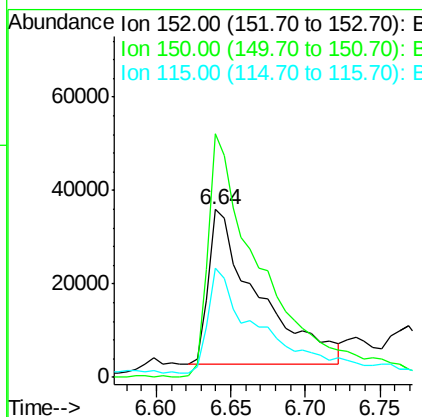
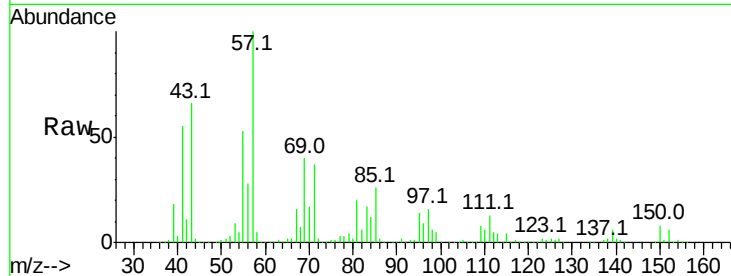
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF098616.D
Acq: 18 Sep 2017 21:52

Instrument :
BNA_F
ClientSampleId :
TP-33D24

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.2	126.2	189.2
115	65.0	52.2	78.2

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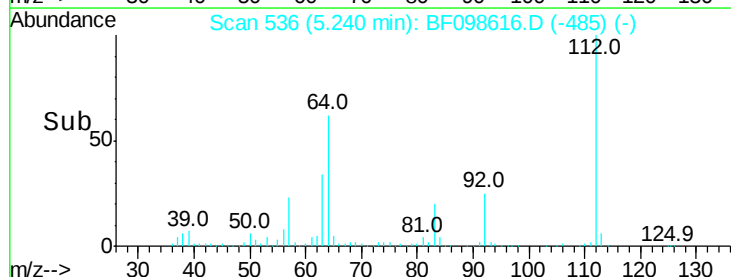
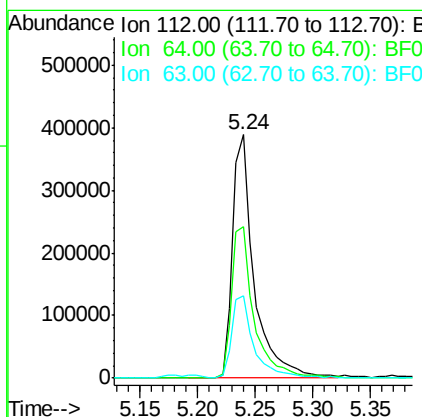
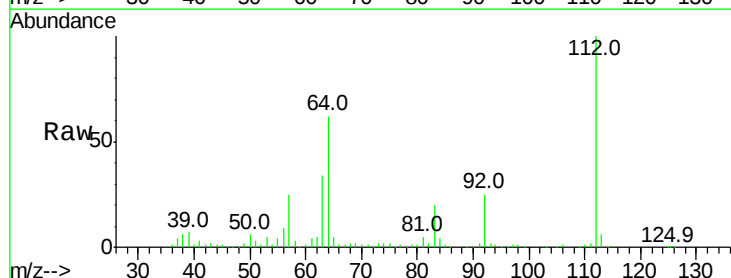
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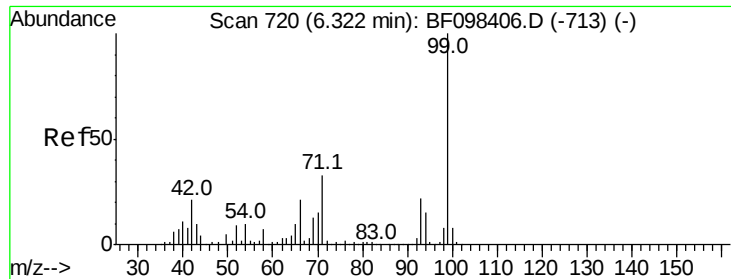


#5

2-Fluorophenol
Concen: 97.196 ng
RT: 5.24 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF098616.D
Acq: 18 Sep 2017 21:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	46.0	69.0
63	33.7	23.4	35.0





#7

Phenol-d6

Concen: 89.158 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098616.D

Acq: 18 Sep 2017 21:52

Instrument :

BNA_F

ClientSampleId :

TP-33D24

Tot Ion: 99 Resp: 587939

Ion Ratio Lower Upper

99 100

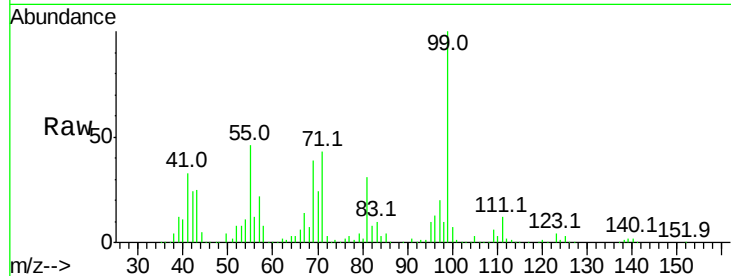
42 24.1 13.5 20.3#

71 43.3 24.5 36.7#

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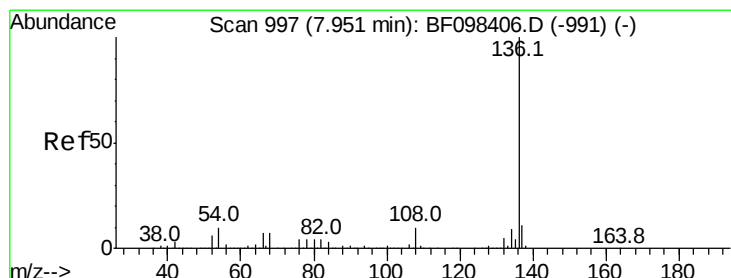
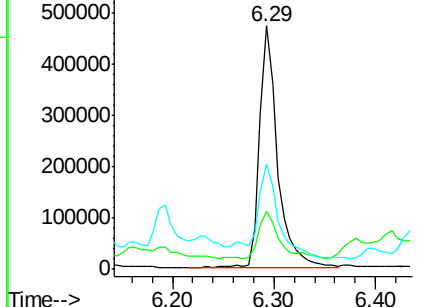
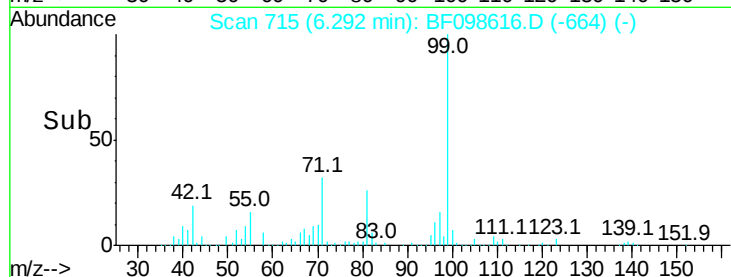


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng m

RT: 7.97 min Scan# 1001

Delta R.T. 0.05 min

Lab File: BF098616.D

Acq: 18 Sep 2017 21:52

Tgt Ion: 136 Resp: 223254

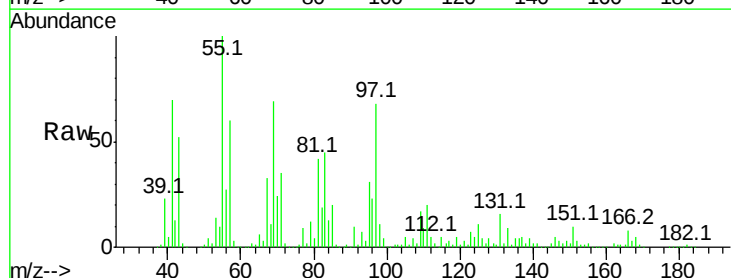
Ion Ratio Lower Upper

136 100

137 116.3 8.5 12.7#

54 236.9 4.9 7.3#

68 277.6 4.1 6.1#



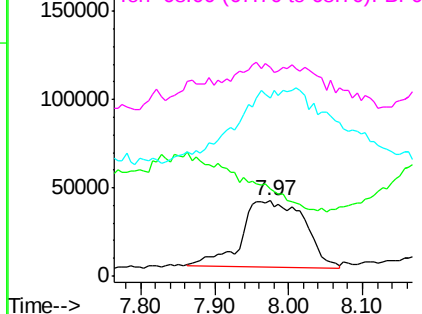
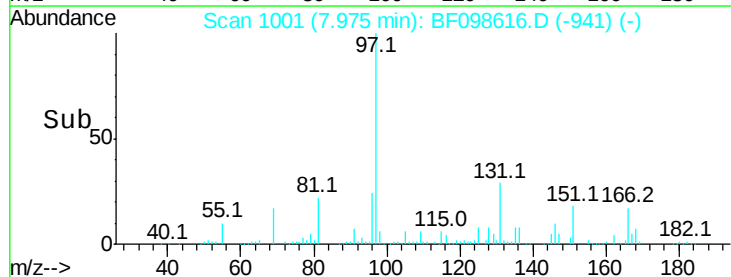
Abundance Ion 136.00 (135.70 to 136.70): E

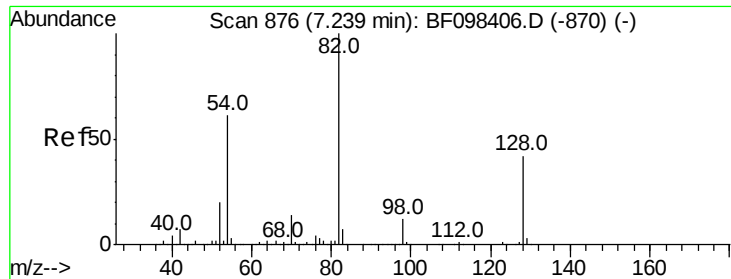
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->





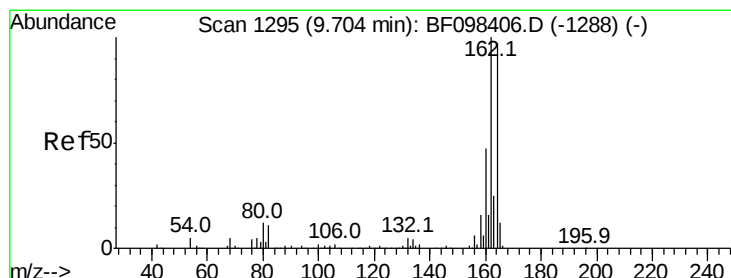
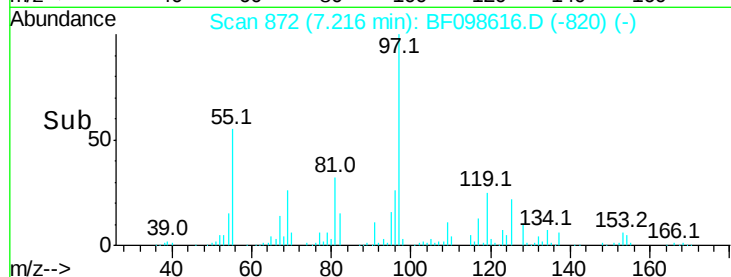
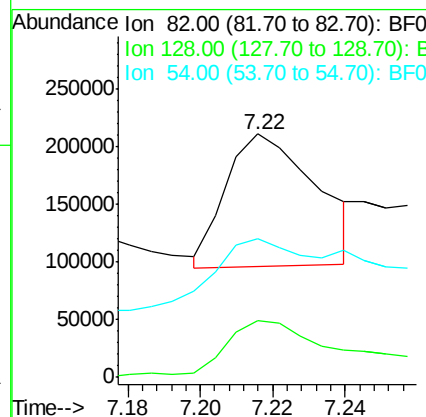
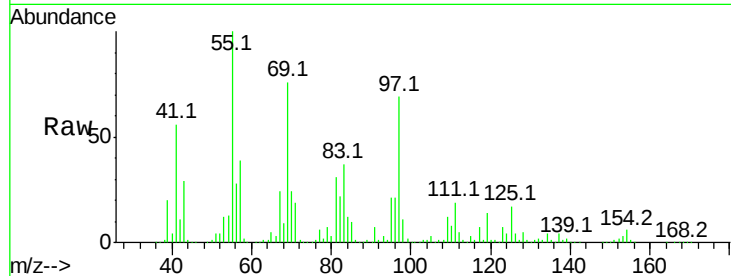
#23
Nitrobenzene-d5
Concen: 49.357 ng/ml
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF098616.D
Acq: 18 Sep 2017 21:52

Instrument :
BNA_F
ClientSampleID :
TP-33D24

Tot Ion	Ratio	Lower	Upper
82	100		
128	23.4	34.0	51.0#
54	57.1	42.2	63.2

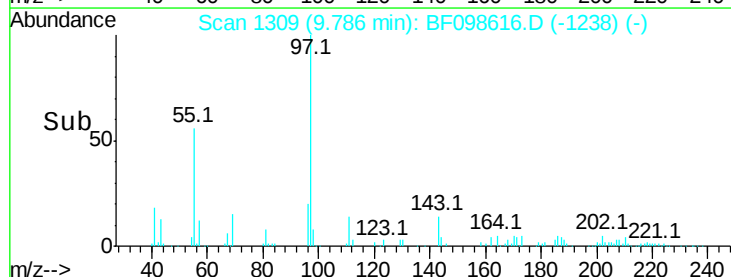
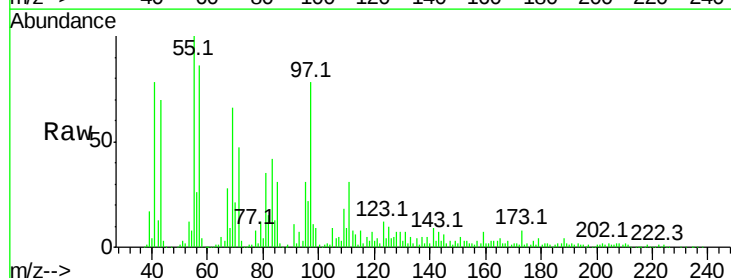
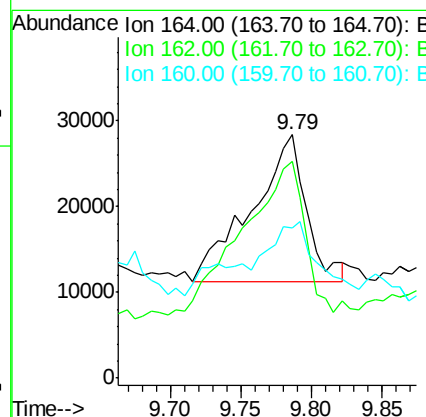
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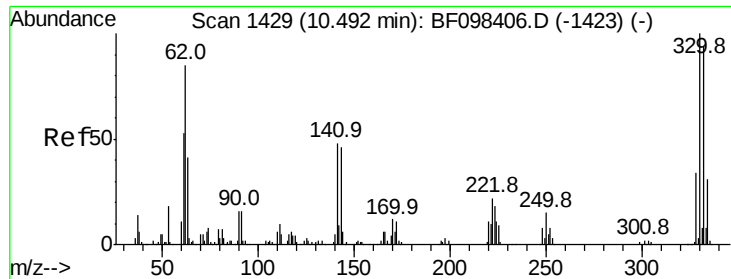
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.12 min
Lab File: BF098616.D
Acq: 18 Sep 2017 21:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	89.0	82.6	123.8
160	61.6	36.2	54.2#





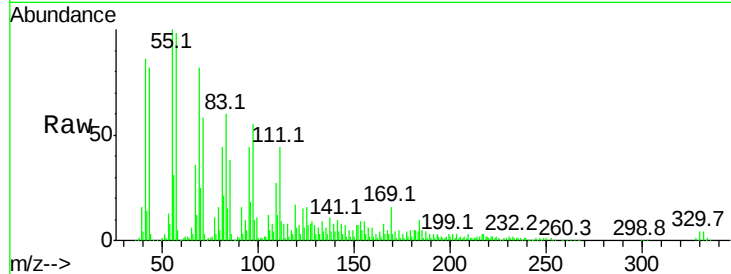
#41
 2,4,6-Tribromophenol
 Concen: 152.910 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.11 min
 Lab File: BF098616.D
 Acq: 18 Sep 2017 21:52

Instrument :
 BNA_F
 ClientSampled :
 TP-33D24

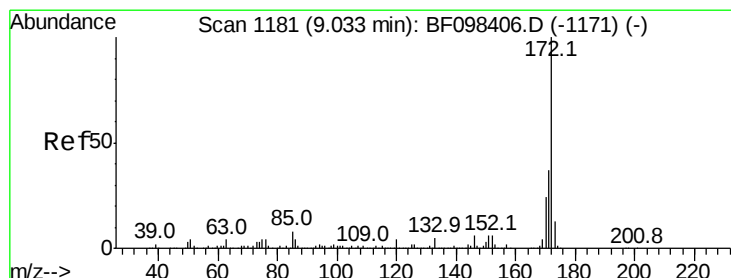
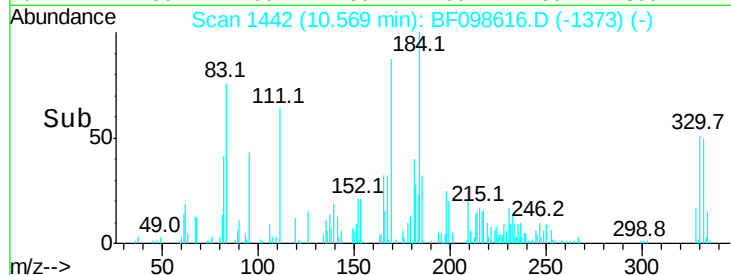
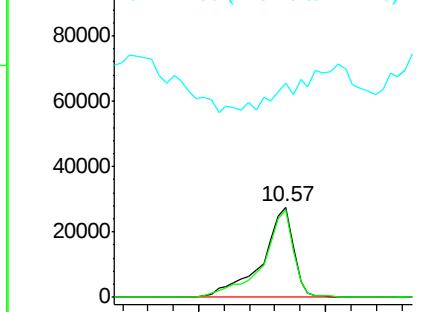
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.6	115.0
141	17.1	31.4	47.2

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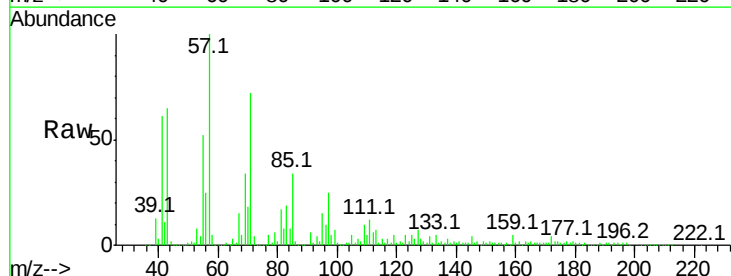


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

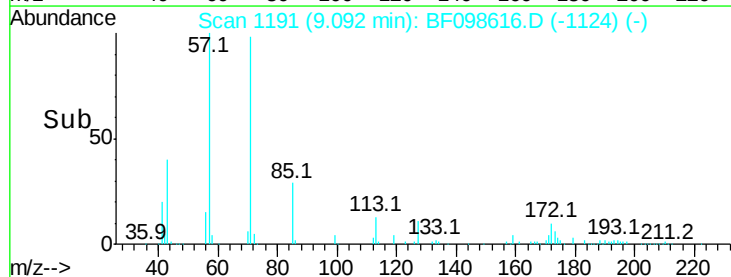
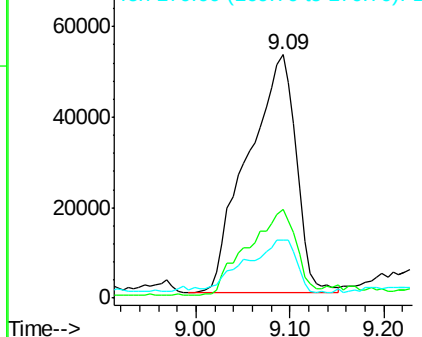


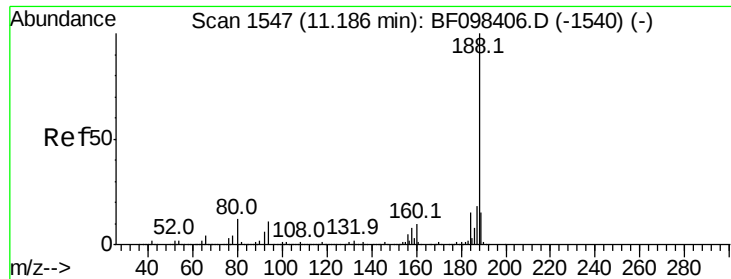
#44
 2-Fluorobiphenyl
 Concen: 68.860 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.09 min
 Lab File: BF098616.D
 Acq: 18 Sep 2017 21:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.8	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





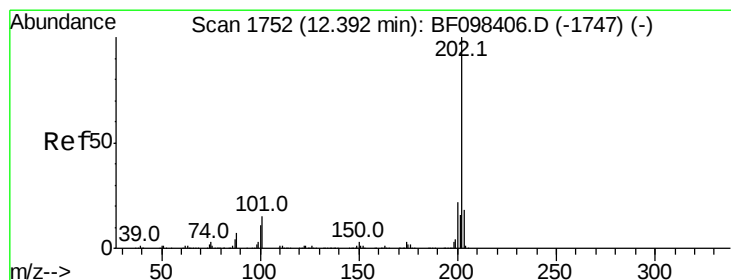
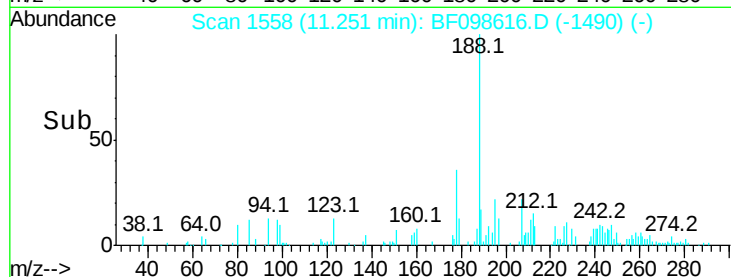
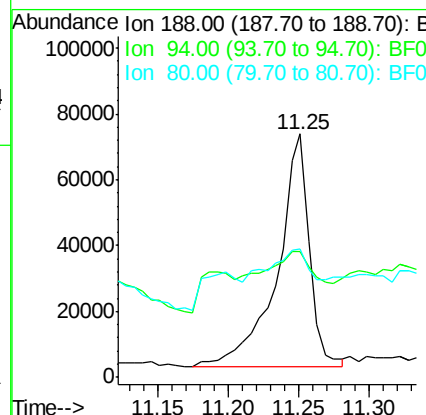
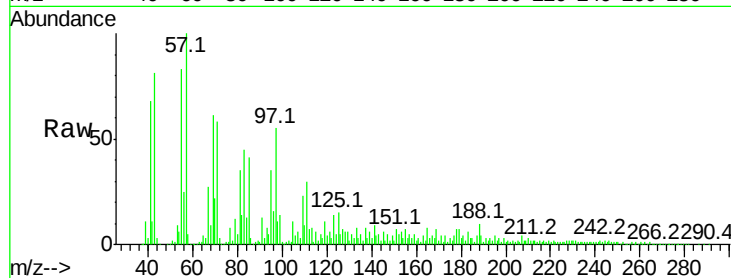
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.10 min
Lab File: BF098616.D
Acq: 18 Sep 2017 21:52

Instrument :
BNA_F
ClientSampled :
TP-33D24

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	51.7	9.4	14.2#	
80	52.9	10.2	15.2#	

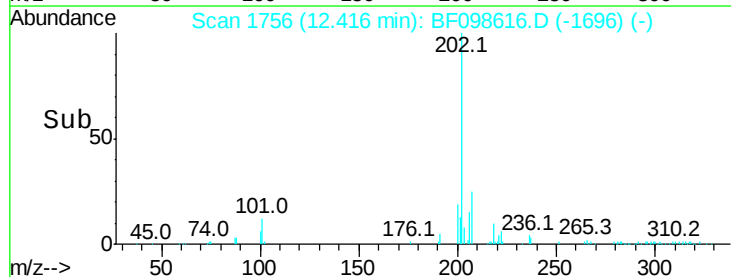
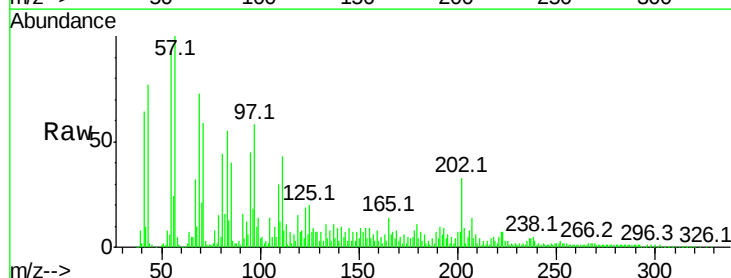
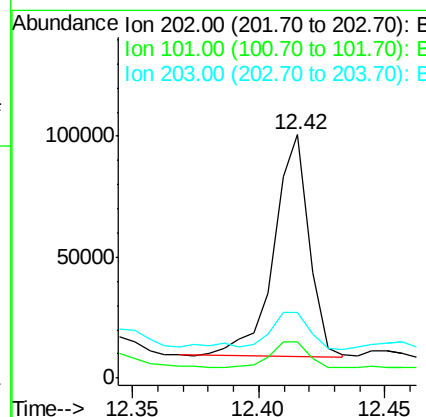
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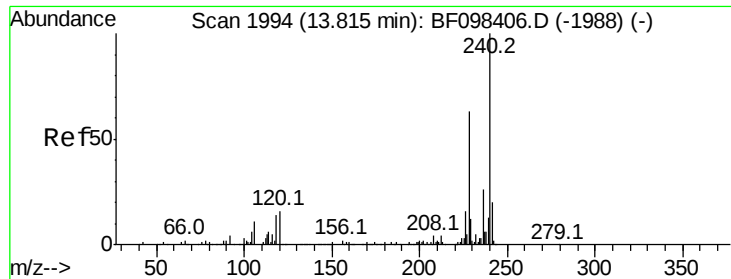
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#74
Fluoranthene
Concen: 15.074 ng m
RT: 12.42 min Scan# 1756
Delta R.T. 0.05 min
Lab File: BF098616.D
Acq: 18 Sep 2017 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	14.7	0.0	33.2	
203	27.0	0.0	38.1	





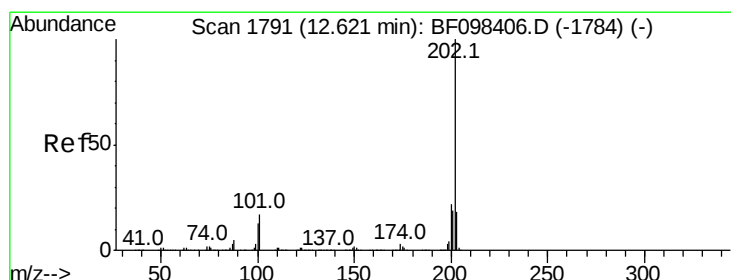
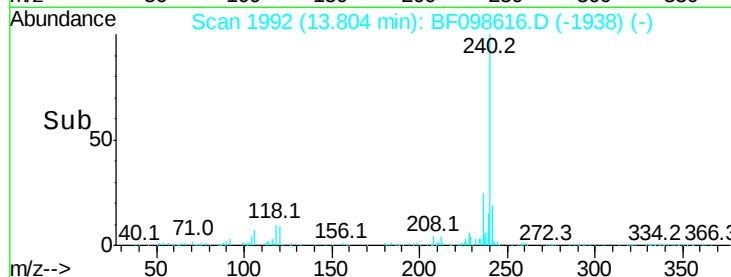
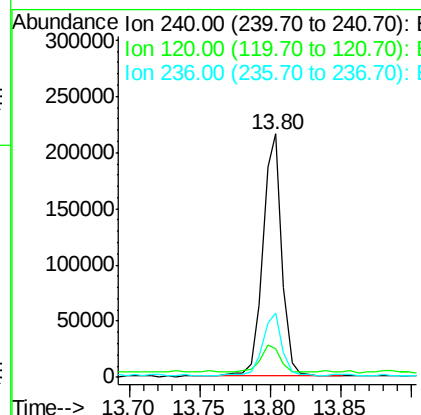
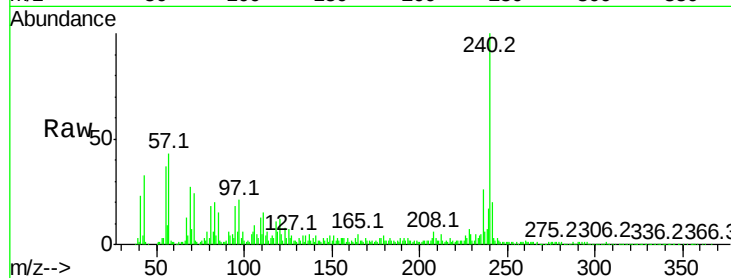
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. 0.02 min
 Lab File: BF098616.D
 Acq: 18 Sep 2017 21:52

Instrument :
 BNA_F
 ClientSampled :
 TP-33D24

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	5.8	8.8#
236	26.4	20.5	30.7

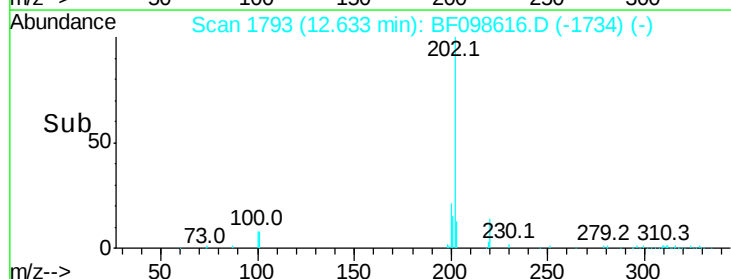
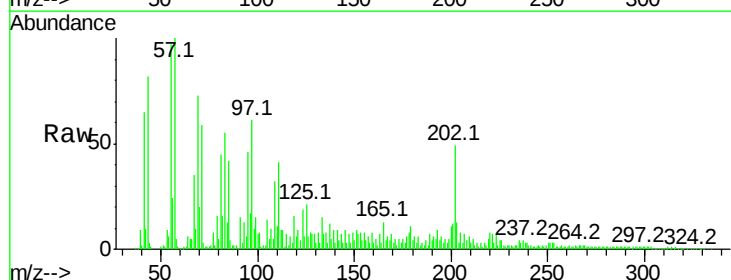
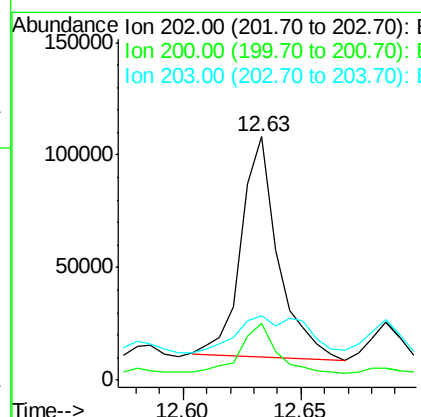
Manual Integrations
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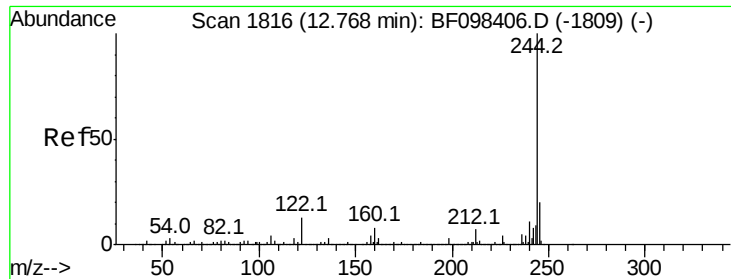
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#77
 Pyrene
 Concen: 6.556 ng m
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.05 min
 Lab File: BF098616.D
 Acq: 18 Sep 2017 21:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.5	17.6	26.4
203	26.6	14.4	21.6#





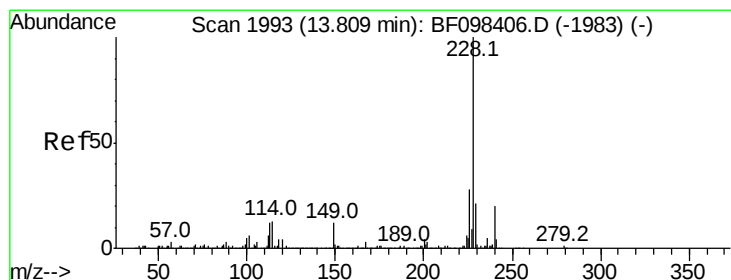
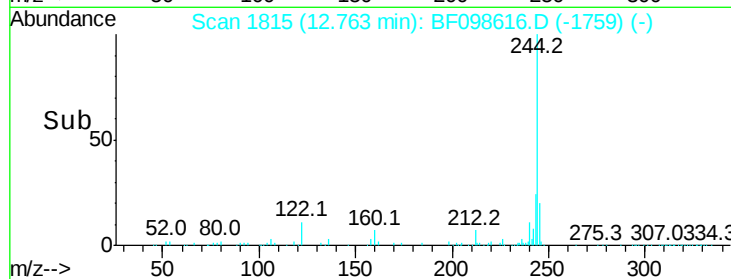
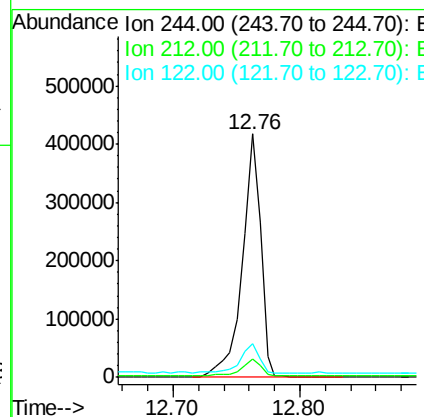
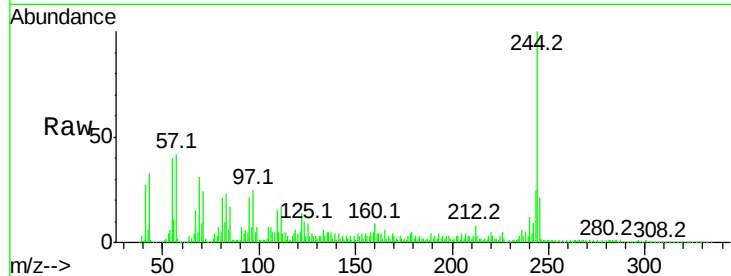
#78
 Terphenyl-d14
 Concen: 43.214 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. 0.03 min
 Lab File: BF098616.D
 Acq: 18 Sep 2017 21:52

Instrument :
 BNA_F
 ClientSampled :
 TP-33D24

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.8	6.0	9.0	
122	13.6	10.3	15.5	

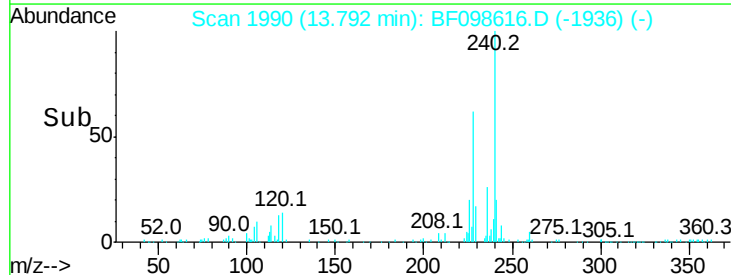
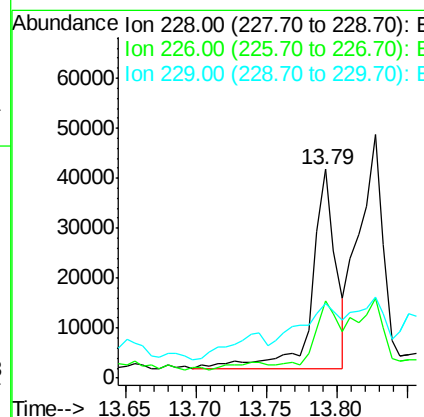
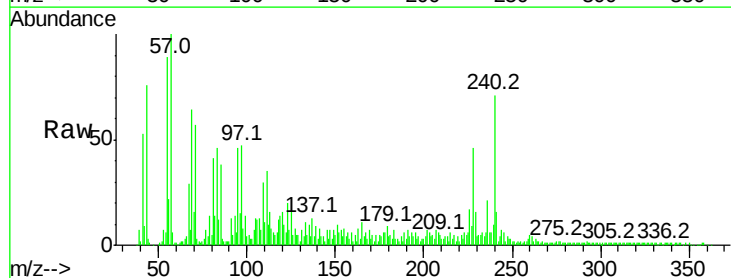
Manual Integrations
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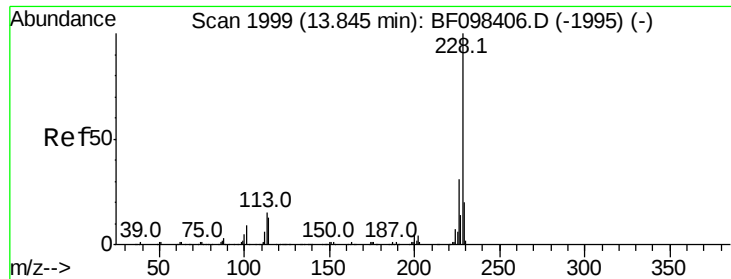
Sohil
 9/19/2017 5:32:00 PM



#80
 Benzo(a)anthracene
 Concen: 3.894 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. 0.02 min
 Lab File: BF098616.D
 Acq: 18 Sep 2017 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	36.8	22.6	33.8#	
229	35.5	16.3	24.5#	





#82

Chrysene

Concen: 5.053 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF098616.D

Acq: 18 Sep 2017 21:52

Instrument :

BNA_F

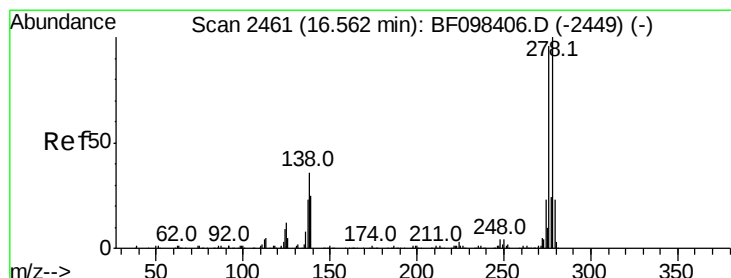
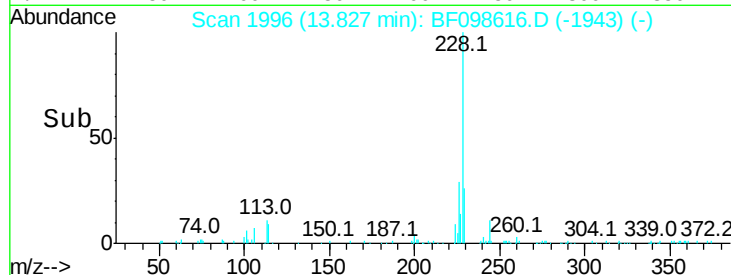
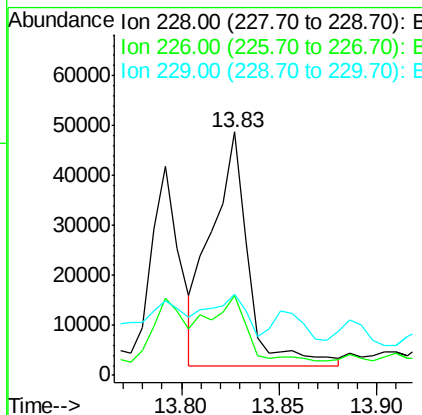
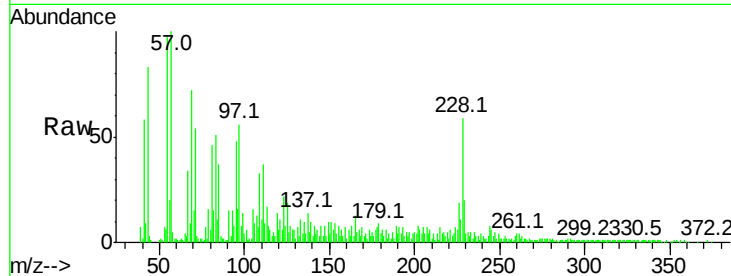
ClientSampled :

TP-33D24

Tot Ion:	228	Resp:	61126
Ion Ratio	Lower	Upper	
228	100		
226	32.7	24.9	37.3
229	33.4	15.8	23.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.109 ng

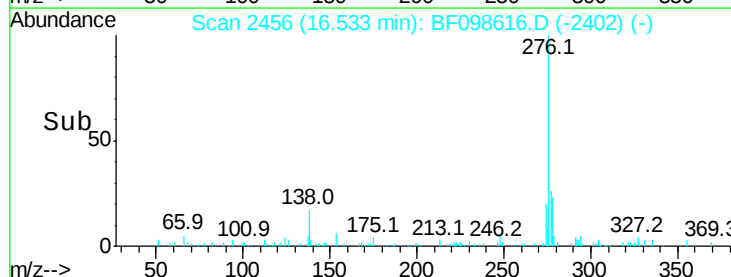
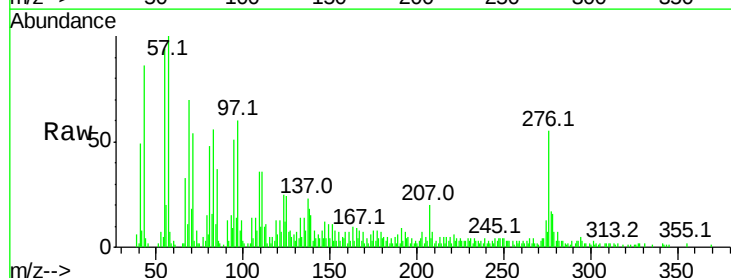
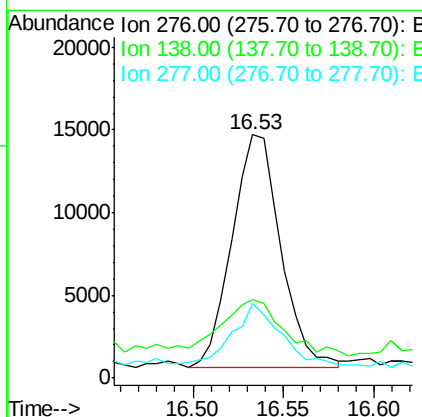
RT: 16.53 min Scan# 2456

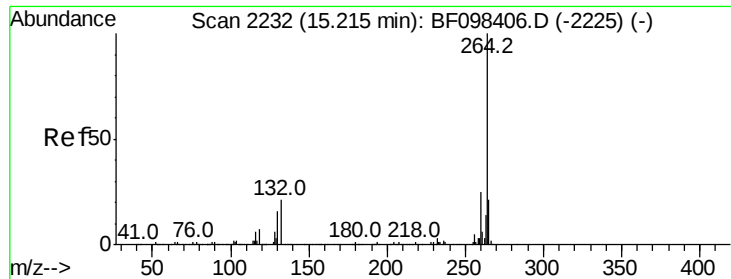
Delta R.T. 0.02 min

Lab File: BF098616.D

Acq: 18 Sep 2017 21:52

Tgt Ion:	276	Resp:	26387
Ion Ratio	Lower	Upper	
276	100		
138	30.9	27.8	41.6
277	25.9	20.2	30.4





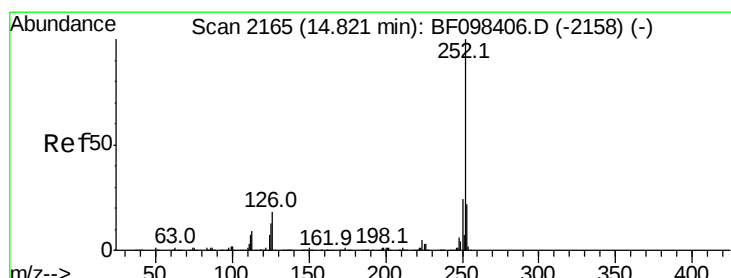
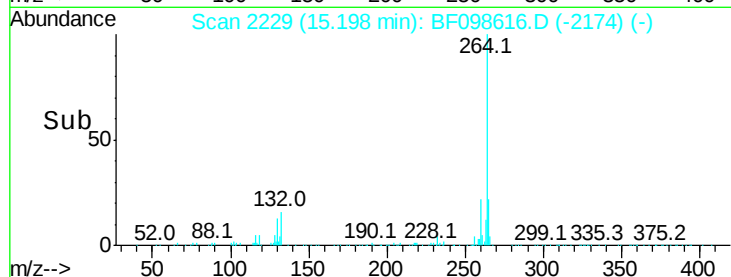
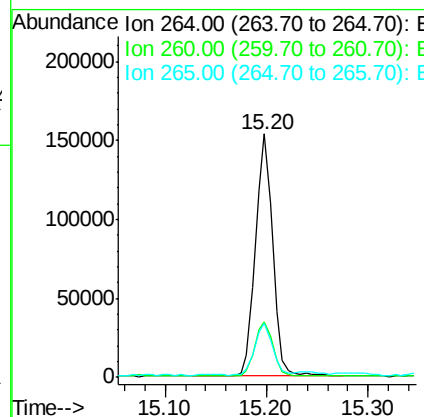
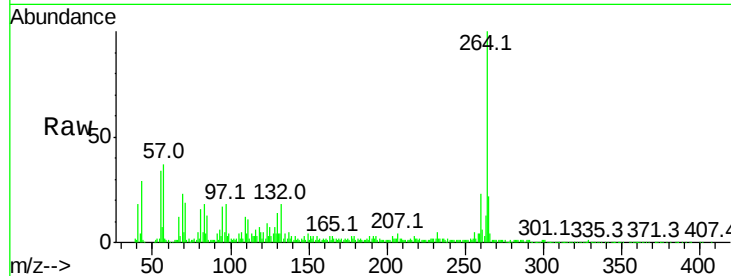
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.02 min
Lab File: BF098616.D
Acq: 18 Sep 2017 21:52

Instrument :
BNA_F
ClientSampleId :
TP-33D24

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	22.4	17.2	25.8

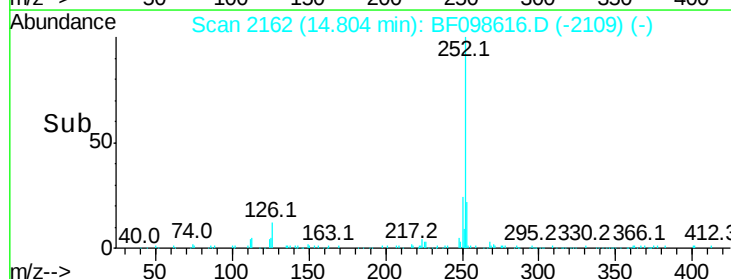
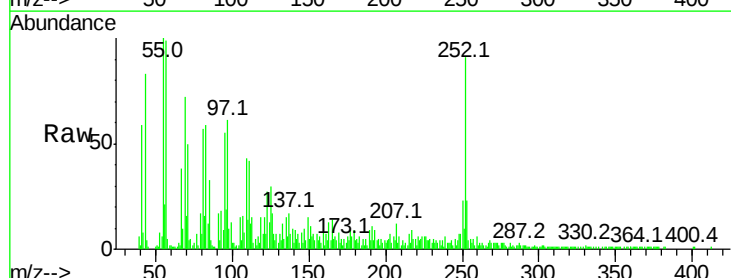
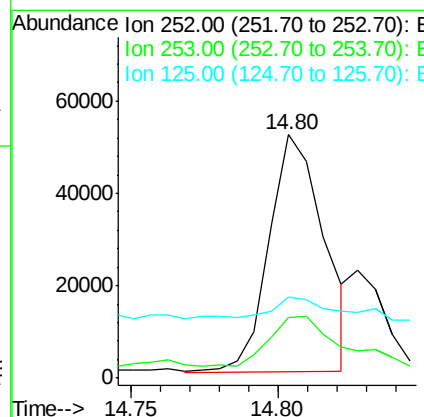
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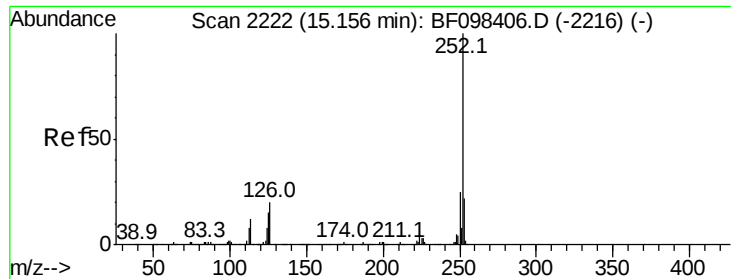
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#87
Benzo(b)fluoranthene
Concen: 5.843 ng m
RT: 14.80 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BF098616.D
Acq: 18 Sep 2017 21:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	33.3	9.8	14.8#





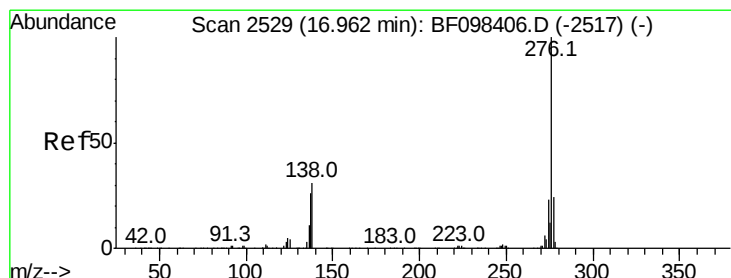
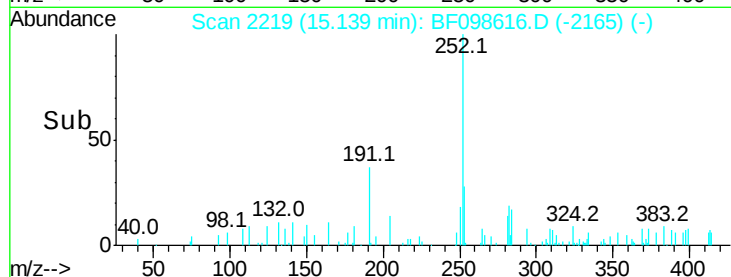
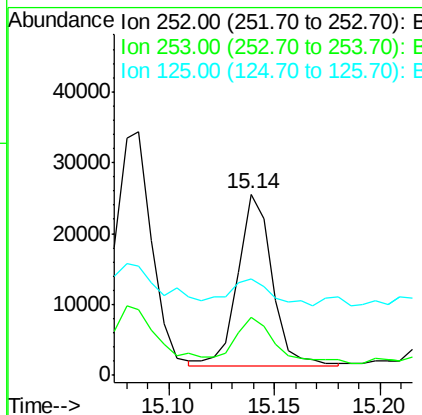
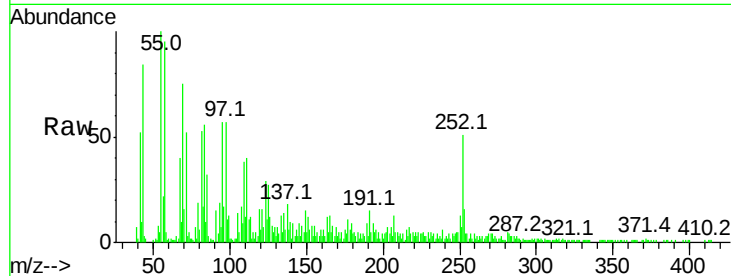
#89
Benzo(a)pyrene
Concen: 2.665 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF098616.D
Acq: 18 Sep 2017 21:52

Instrument :
BNA_F
ClientSampled :
TP-33D24

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.1	17.5	26.3#
125	53.0	11.0	16.4#

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#91
Benzo(g,h,i)perylene
Concen: 3.802 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.03 min
Lab File: BF098616.D
Acq: 18 Sep 2017 21:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.7	18.6	28.0#
138	27.7	25.4	38.0

