

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098042.D
 Acq On : 25 Aug 2017 20:46
 Operator : SJ/JU
 Sample : I4943-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-082317

Manual Integrations
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Quant Time: Aug 26 00:05:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	128690	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	492994	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	200669	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	321049	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	268589	20.00	ng	-0.01
86) Perylene-d12	15.30	264	222956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	976078	115.37	ng	0.00
7) Phenol-d6	6.38	99	1324866	115.25	ng	0.00
23) Nitrobenzene-d5	7.30	82	814878	89.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	188359	108.18	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1132160	82.89	ng	-0.01
78) Terphenyl-d14	12.84	244	718783	55.81	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	42446	3.157	ng	99
49) Dimethylphthalate	9.49	163	174203	11.876	ng	99
70) Phenanthrene	11.27	178	58443	3.416	ng	98
74) Fluoranthene	12.46	202	71898	4.026	ng	99
77) Pyrene	12.69	202	76153	3.467	ng	96
82) Chrysene	13.91	228	33320	2.081	ng	# 90
87) Benzo(b)fluoranthene	14.90	252	33386m	2.376	ng	

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

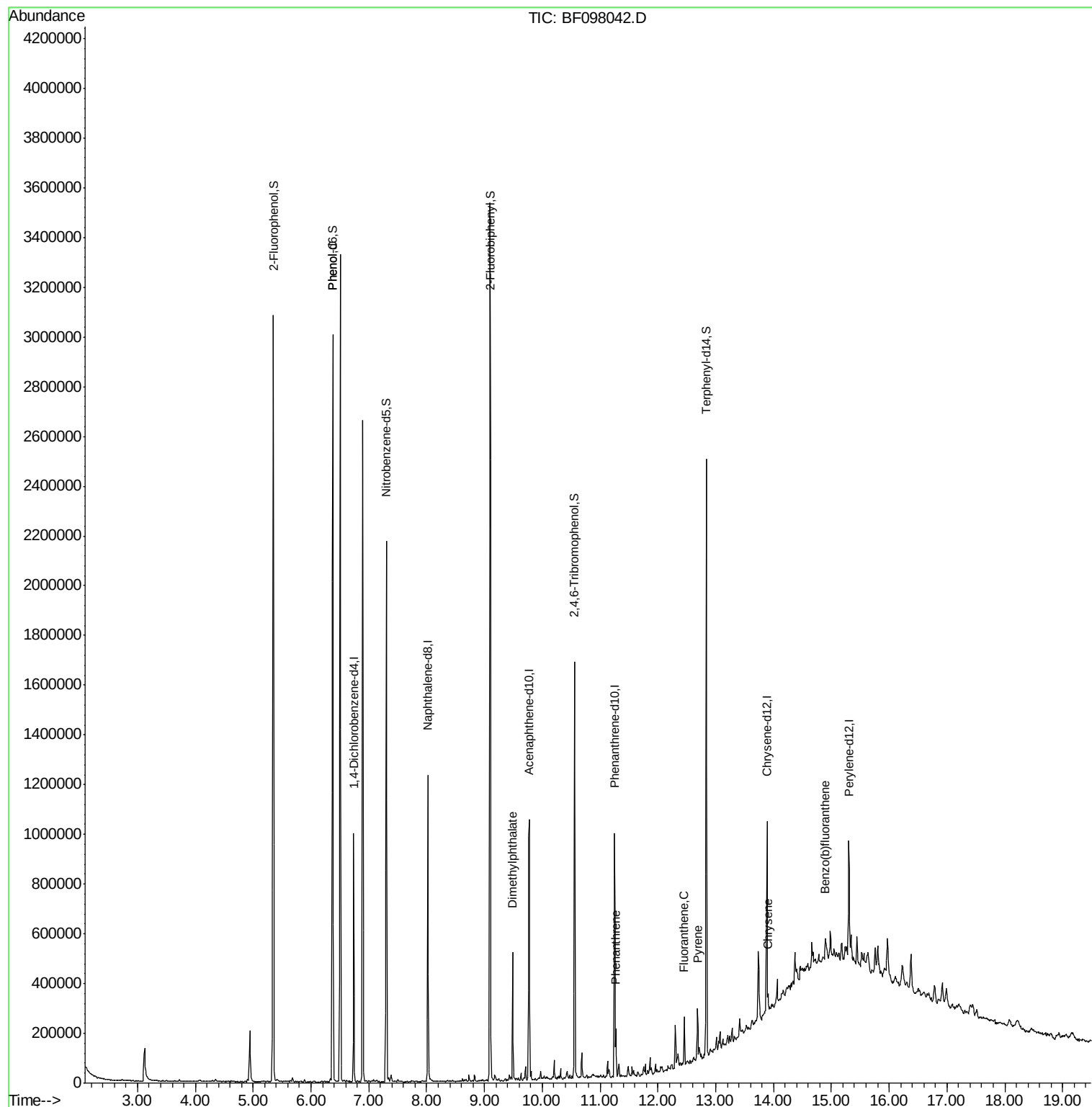
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
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ALS Vial : 12 Sample Multiplier: 1

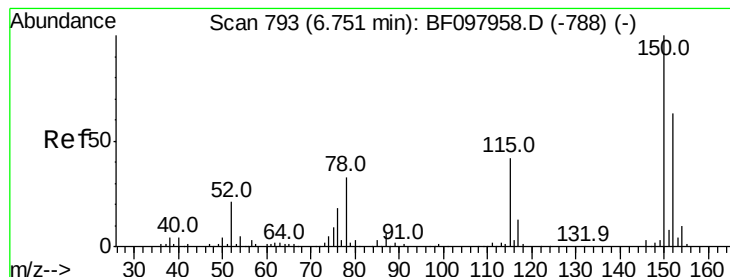
Instrument :
BNA_F
ClientSampleId :
OR-01-082317

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Quant Time: Aug 26 00:05:42 2017
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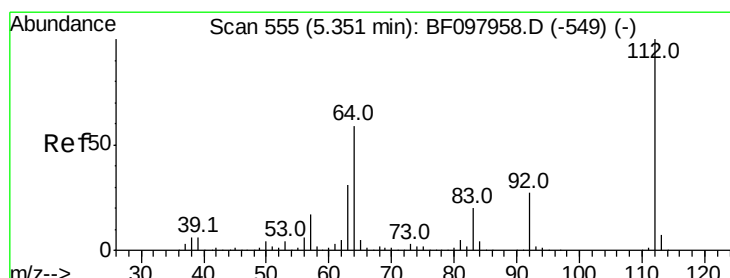
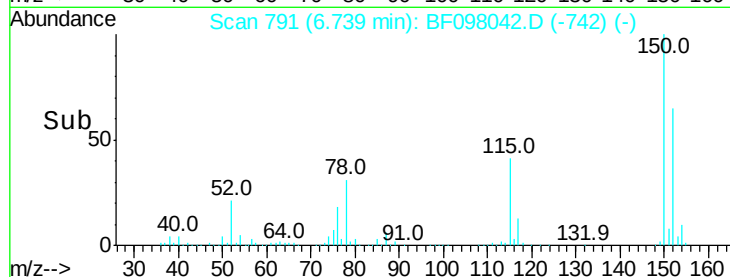
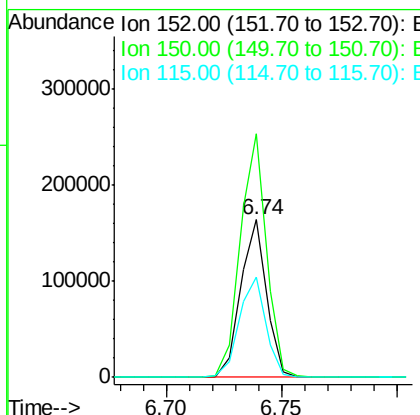
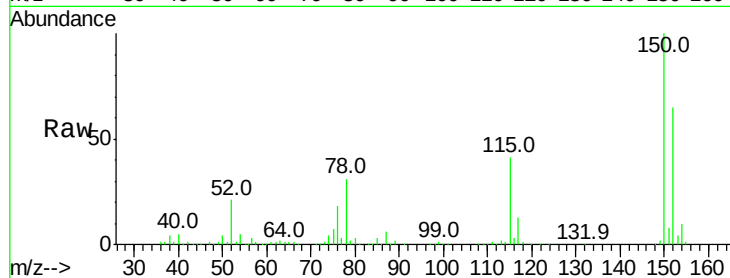
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098042.D
 Acq: 25 Aug 2017 20:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-082317

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	63.9	52.2	78.2

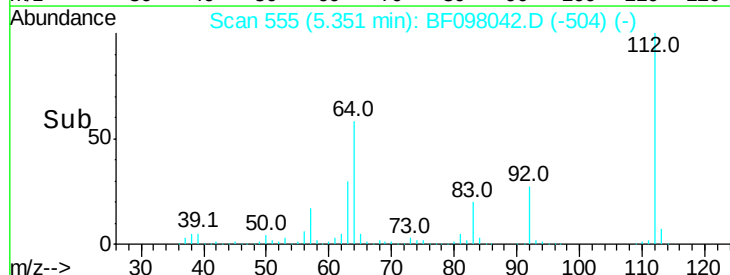
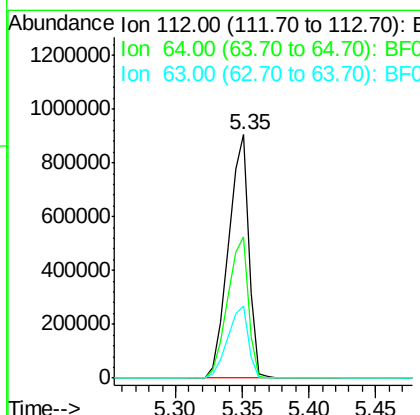
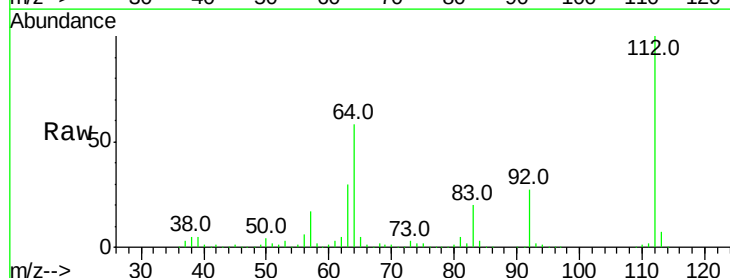
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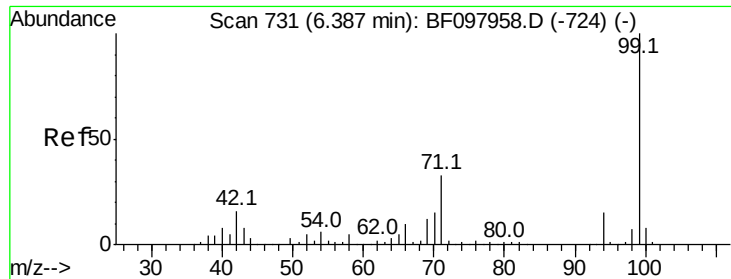
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#5
 2-Fluorophenol
 Concen: 115.369 ng
 RT: 5.35 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF098042.D
 Acq: 25 Aug 2017 20:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.0	69.0
63	29.7	23.4	35.0





#7

Phenol-d6

Concen: 115.252 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098042.D

Acq: 25 Aug 2017 20:46

Instrument :

BNA_F

ClientSampleId :

OR-01-082317

Tot Ion: 99 Resp: 1324866

Ion Ratio Lower Upper

99 100

42 14.6 13.5 20.3

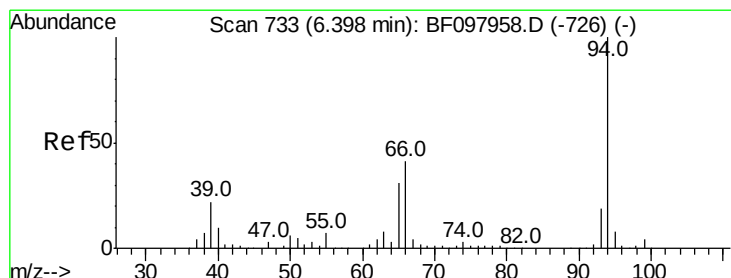
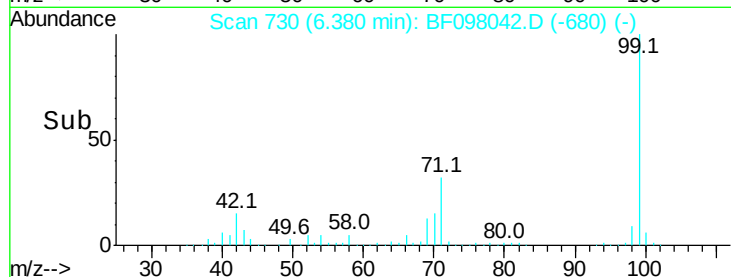
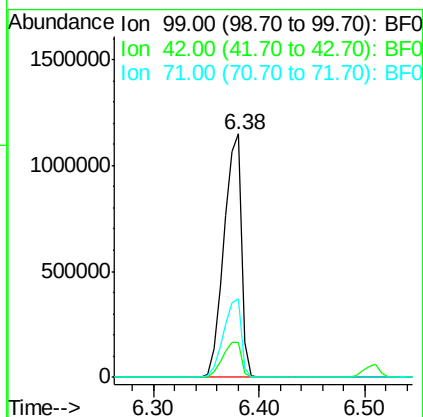
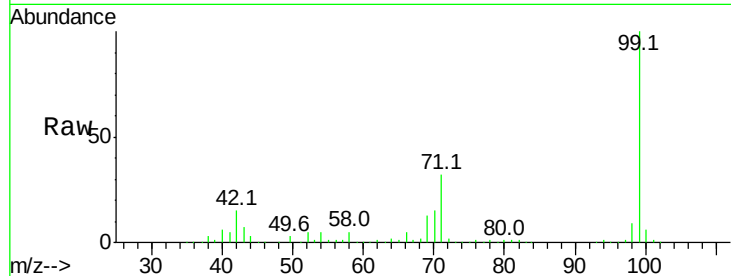
71 32.0 24.5 36.7

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#10

Phenol

Concen: 3.157 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098042.D

Acq: 25 Aug 2017 20:46

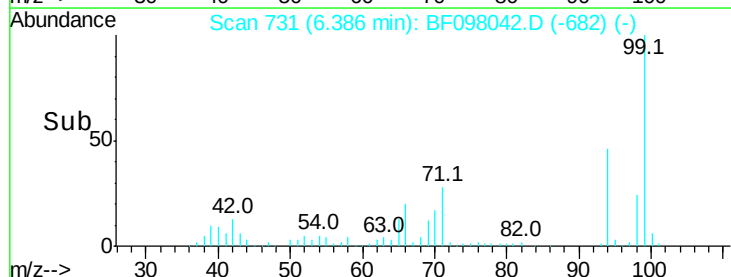
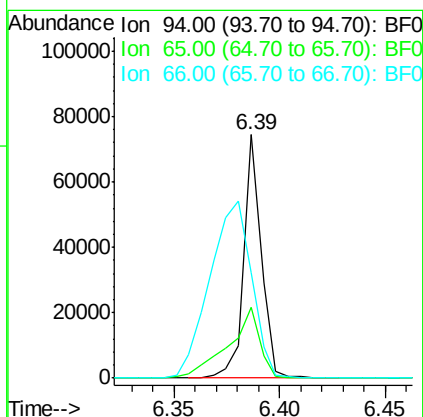
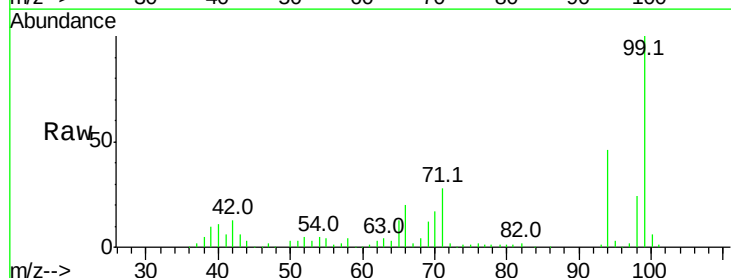
Tgt Ion: 94 Resp: 42446

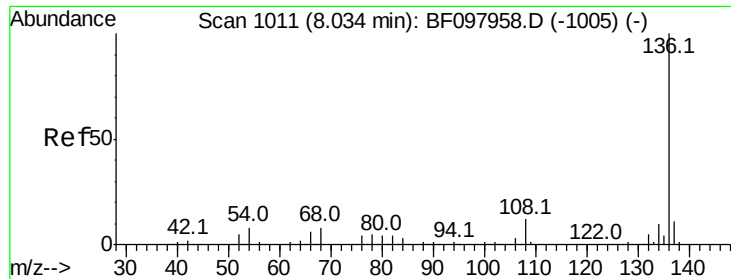
Ion Ratio Lower Upper

94 100

65 29.1 9.9 49.9

66 43.3 23.1 63.1





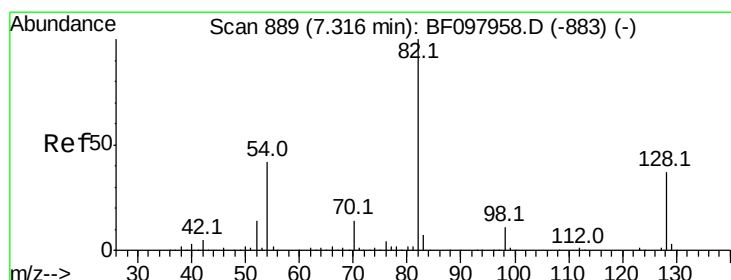
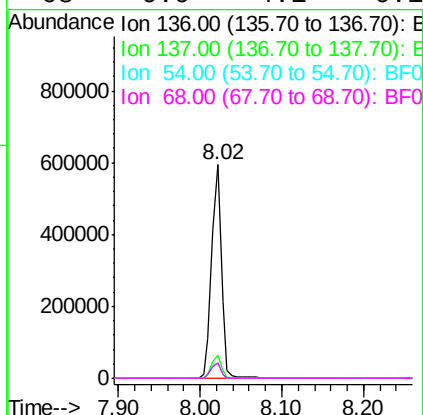
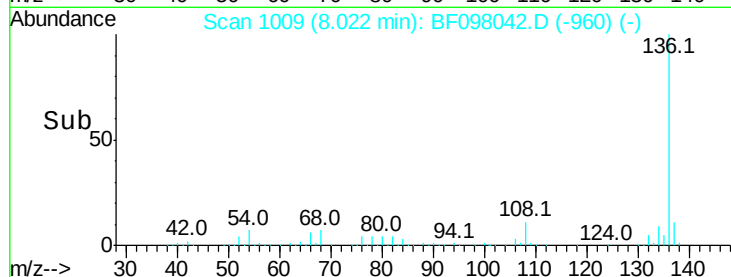
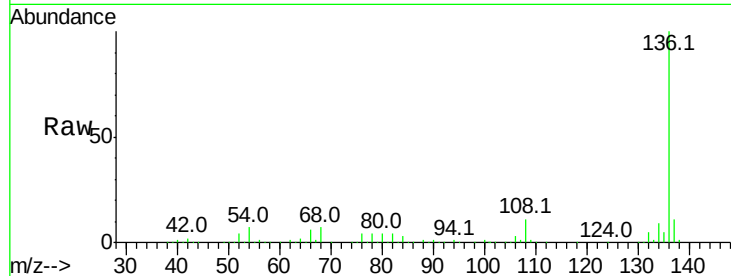
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Tot Ion	Ratio	Resp	Lower	Upper
136	100	492994		
137	10.8	8.5	12.7	
54	7.2	4.9	7.3	
68	6.9	4.1	6.1	

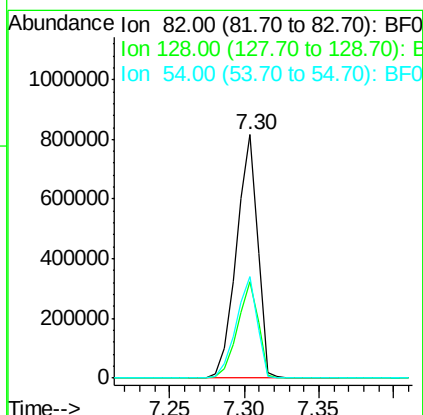
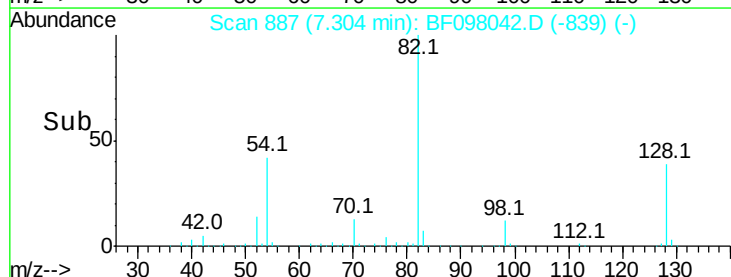
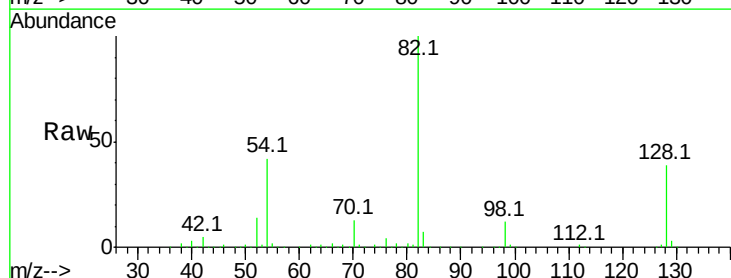
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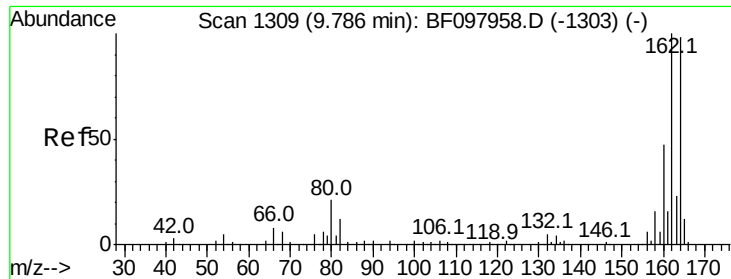
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#23
Nitrobenzene-d5
Concen: 89.794 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	814878		
128	39.4	34.0	51.0	
54	41.6	42.2	63.2	





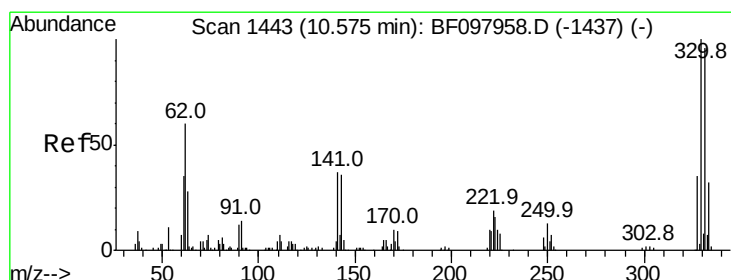
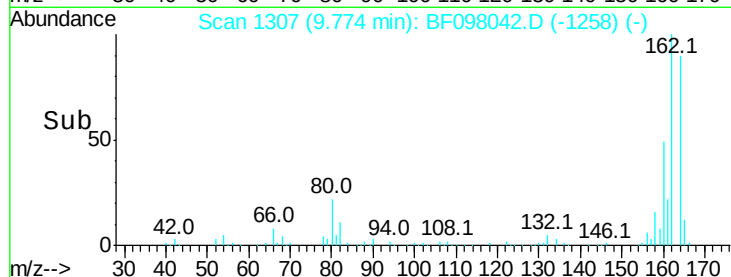
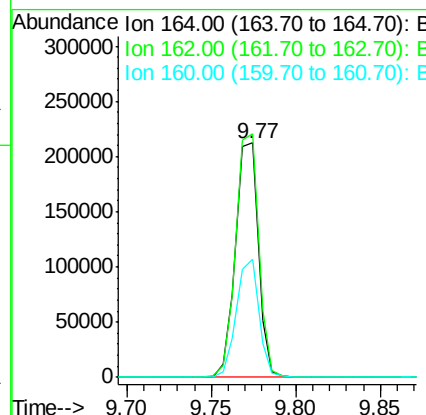
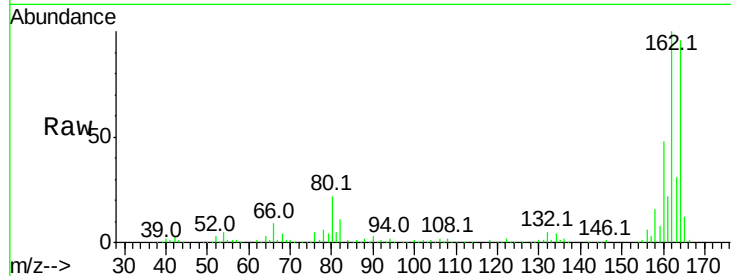
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098042.D
 Acq: 25 Aug 2017 20:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-082317

Tot Ion	Ratio	Resp	Lower	Upper
164	100	200669		
162	103.8	82.6	123.8	
160	50.4	36.2	54.2	

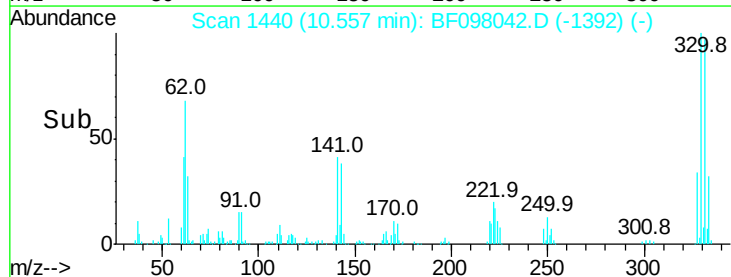
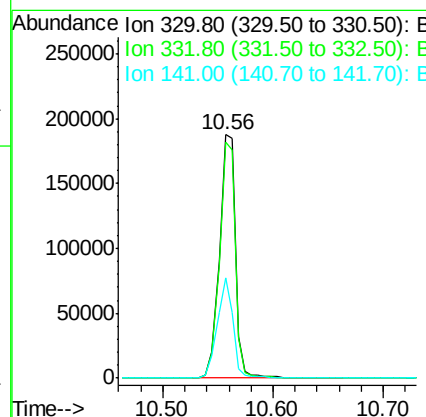
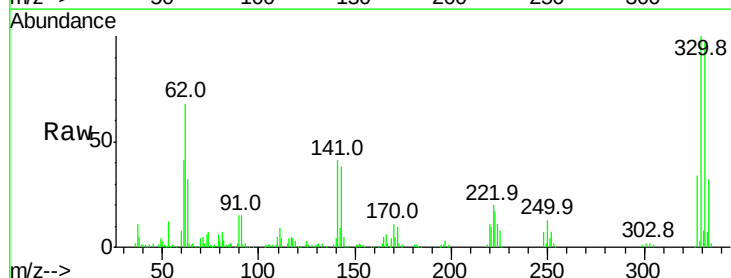
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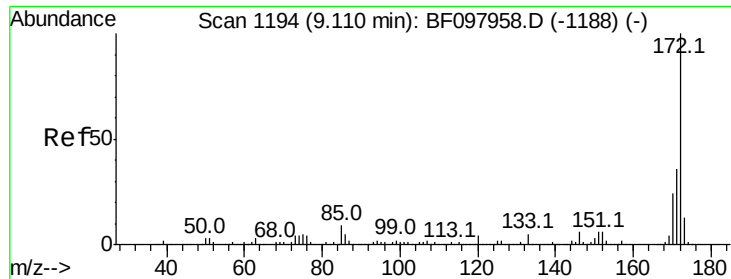
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#41
 2,4,6-Tribromophenol
 Concen: 108.182 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098042.D
 Acq: 25 Aug 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	188359		
332	95.9	76.6	115.0	
141	40.0	31.4	47.2	





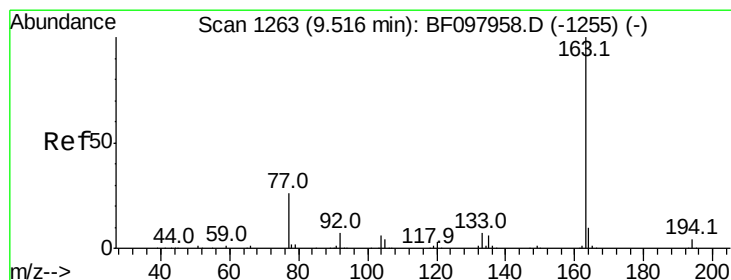
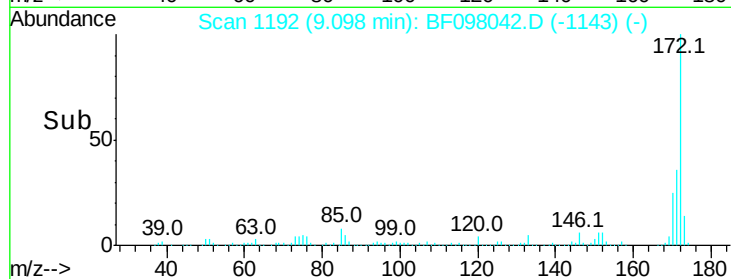
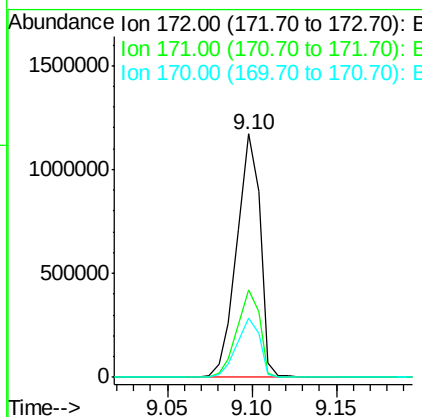
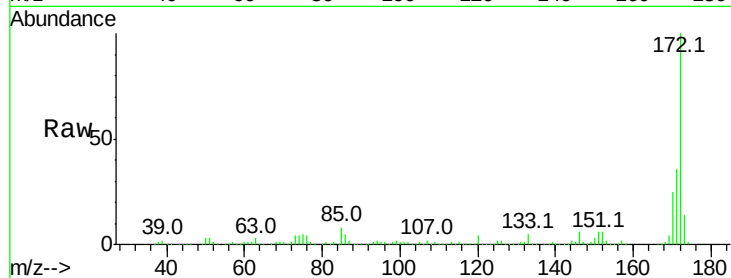
#44
2-Fluorobiphenyl
Concen: 82.892 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.5	19.8	29.8

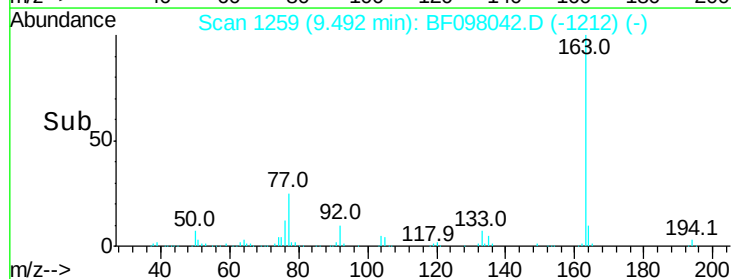
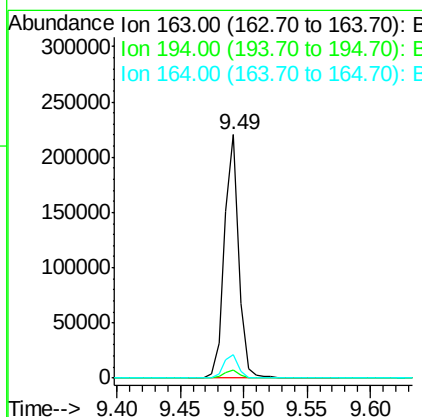
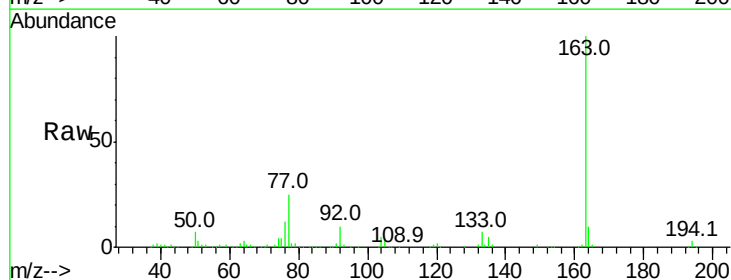
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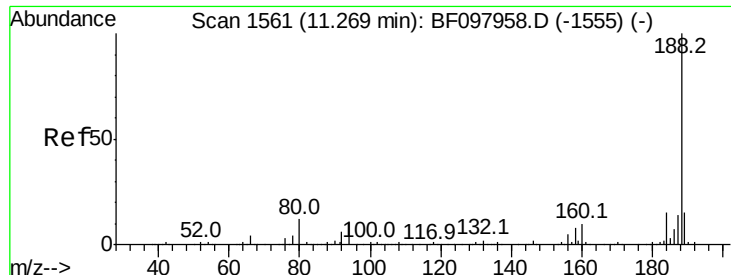
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#49
Dimethylphthalate
Concen: 11.876 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.4	12.6





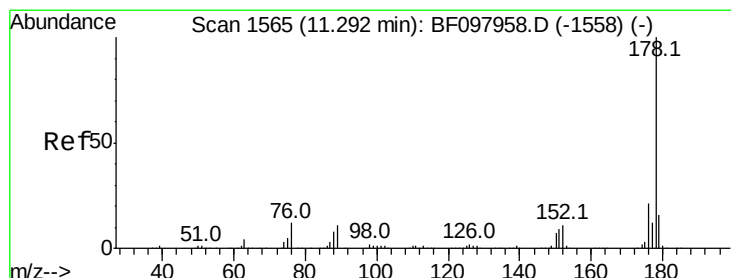
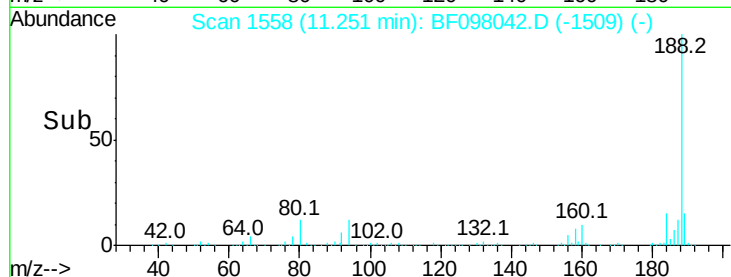
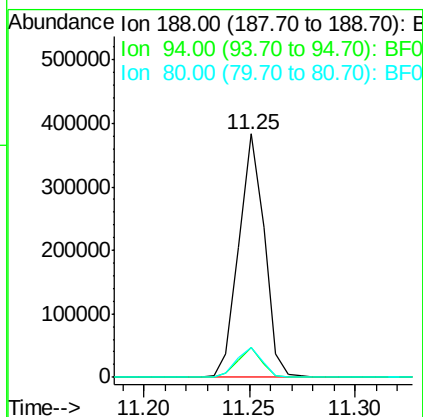
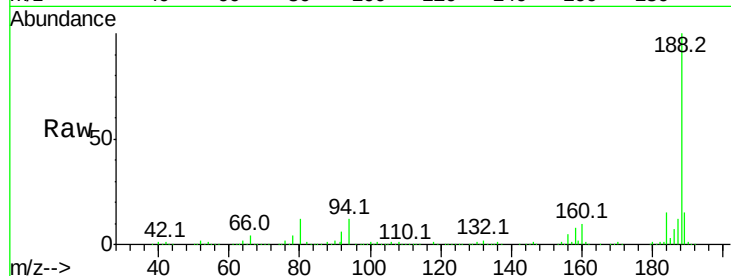
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 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098042.D
 Acq: 25 Aug 2017 20:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-082317

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.1	9.4	14.2	
80	12.1	10.2	15.2	

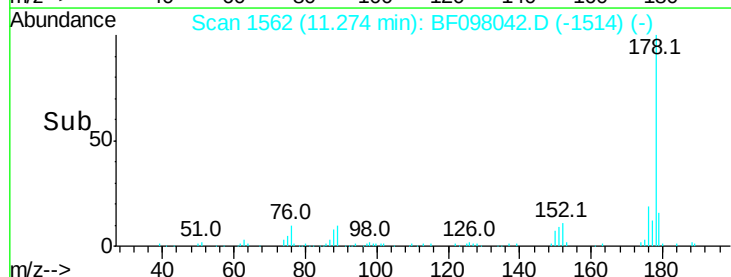
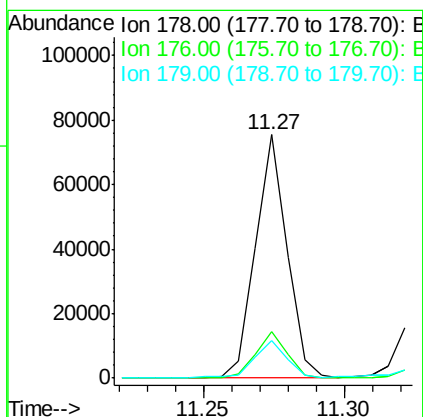
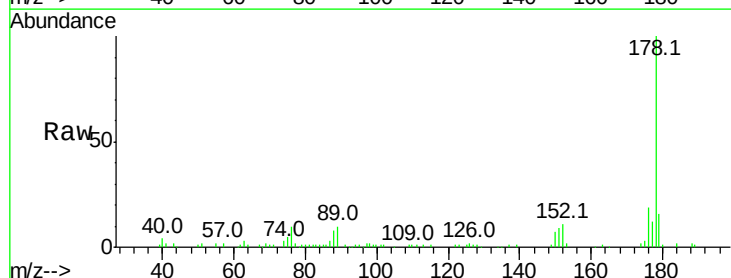
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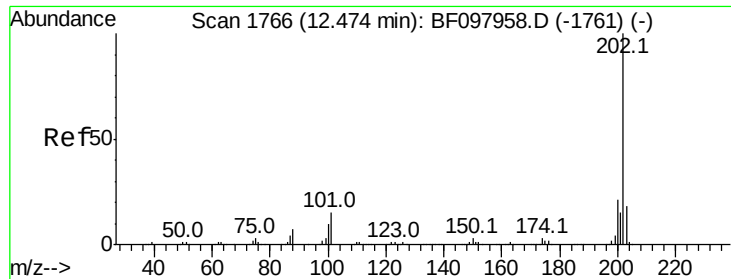
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#70
 Phenanthrene
 Concen: 3.416 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF098042.D
 Acq: 25 Aug 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.8	16.2	24.4	
179	15.5	12.6	19.0	





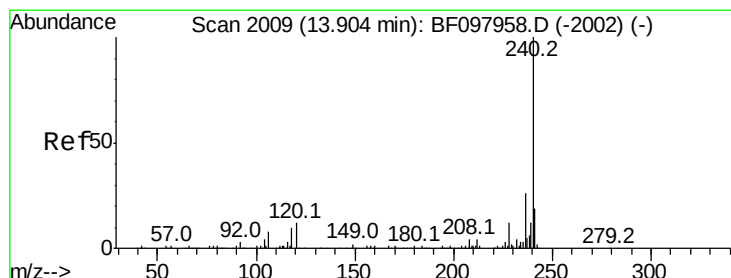
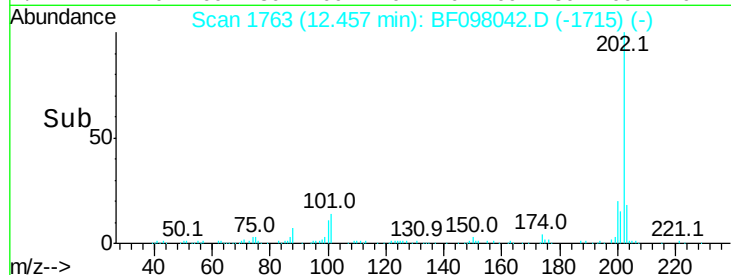
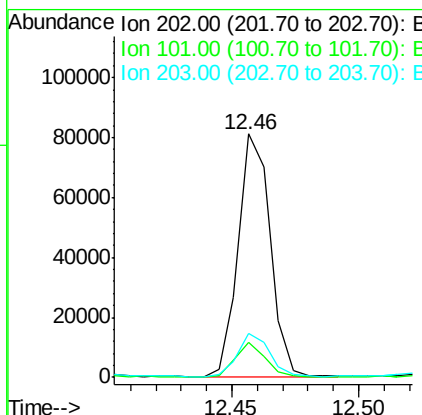
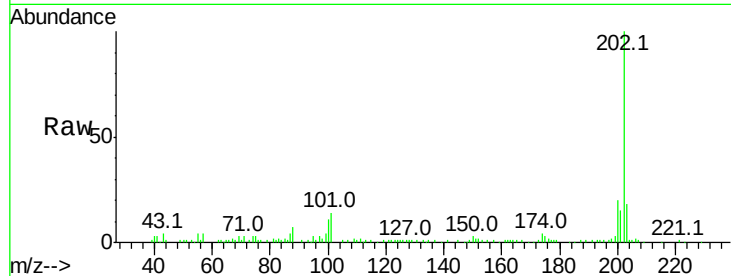
#74
 Fluoranthene
 Concen: 4.026 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BF098042.D
 Acq: 25 Aug 2017 20:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-082317

Tot Ion:	202	Resp:	71898
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	33.2
203	18.3	0.0	38.1

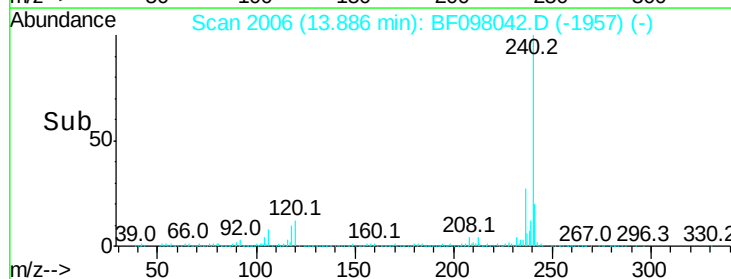
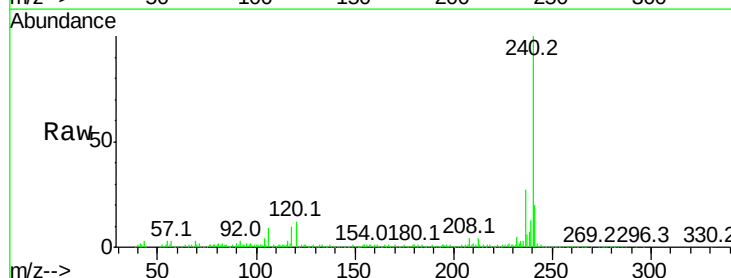
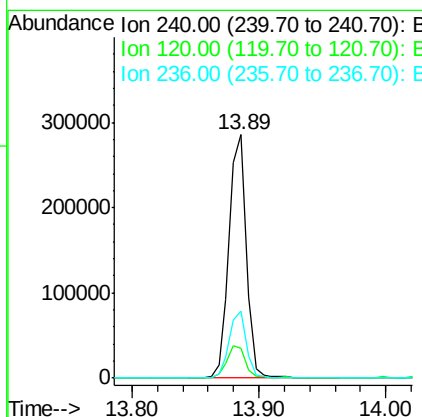
Manual Integrations
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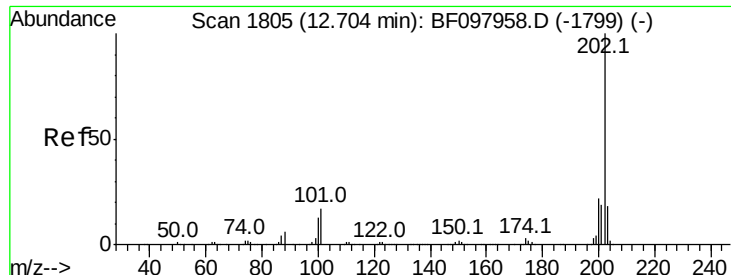
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF098042.D
 Acq: 25 Aug 2017 20:46

Tgt Ion:	240	Resp:	268589
Ion Ratio	Lower	Upper	
240	100		
120	12.1	5.8	8.8#
236	27.4	20.5	30.7





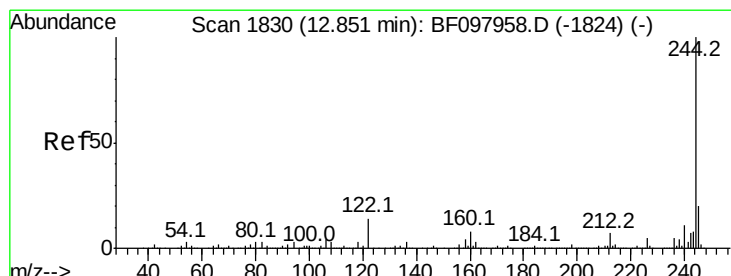
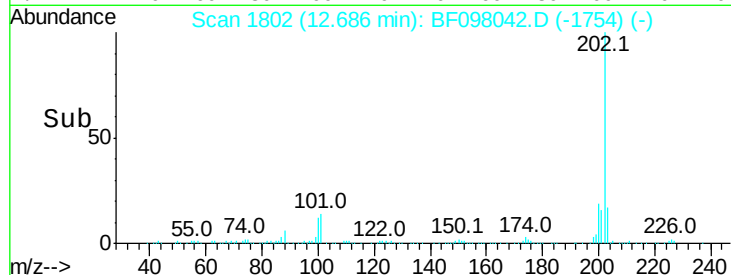
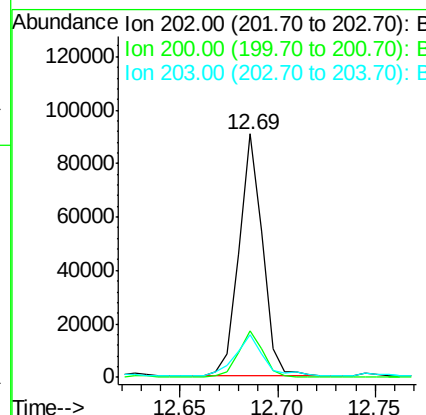
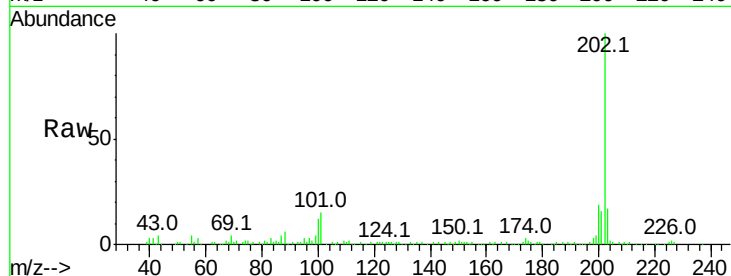
#77
Pvrene
Concen: 3.467 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.1	17.6	26.4
203	17.5	14.4	21.6

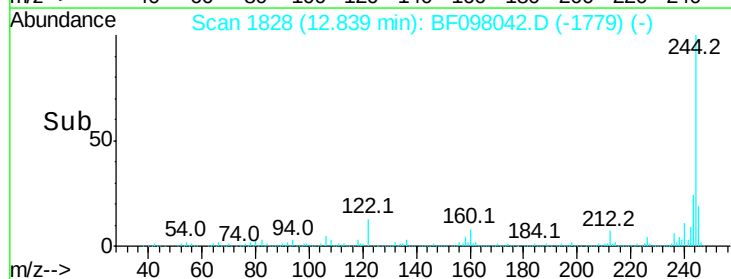
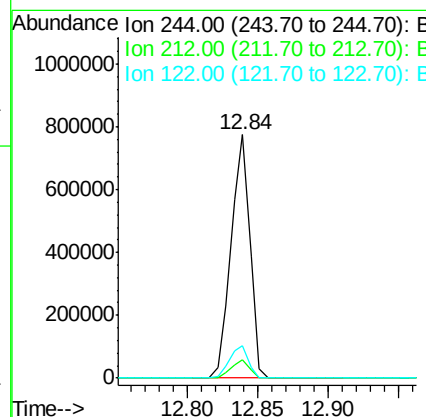
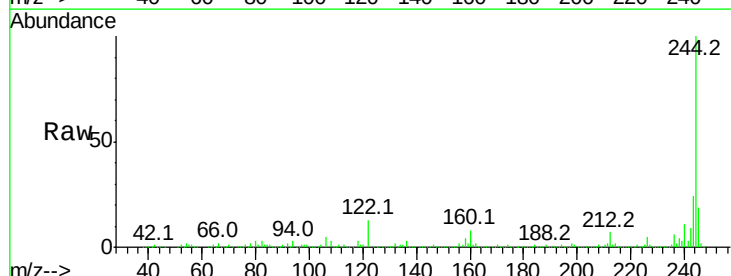
Manual Integrations
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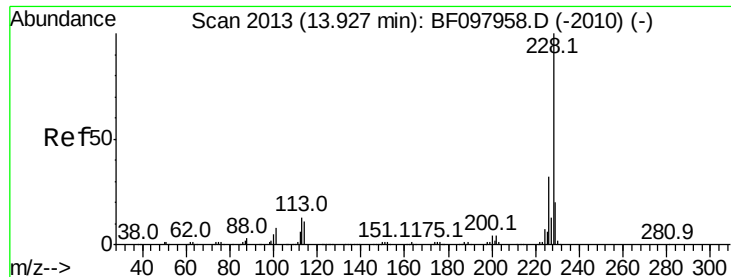
Sohil
8/28/2017 3:13:28 PM



#78
Terphenyl-d14
Concen: 55.807 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.3	10.3	15.5





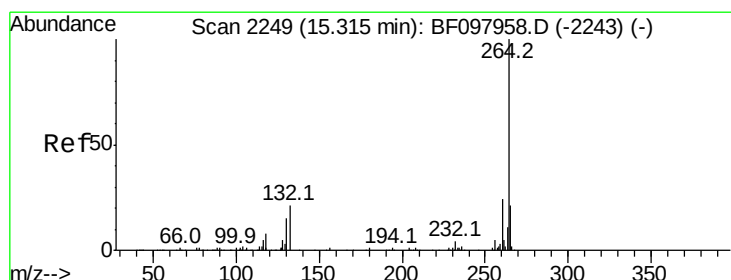
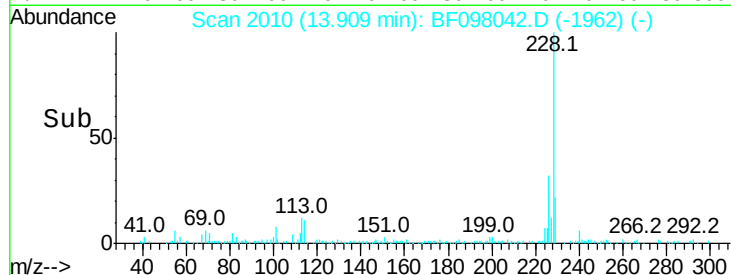
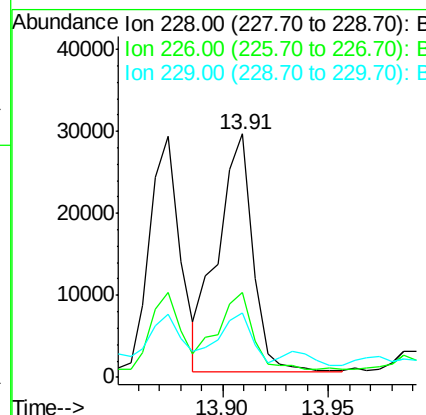
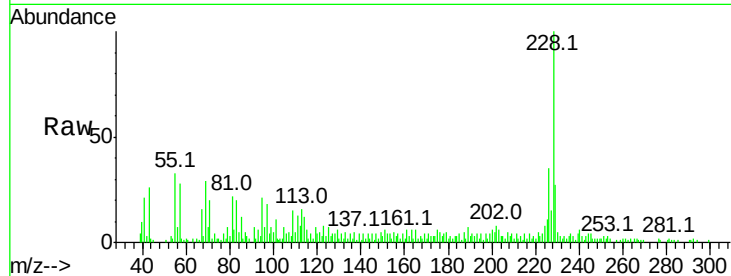
#82
 Chrysene
 Concen: 2.081 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BF098042.D
 Acq: 25 Aug 2017 20:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-082317

Tot Ion:	228	Resp:	33320
Ion Ratio	Lower	Upper	
228	100		
226	34.7	24.9	37.3
229	26.5	15.8	23.6

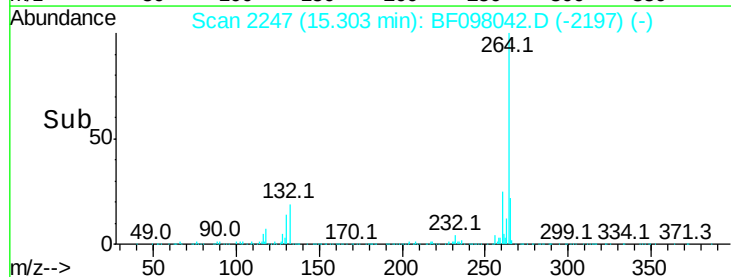
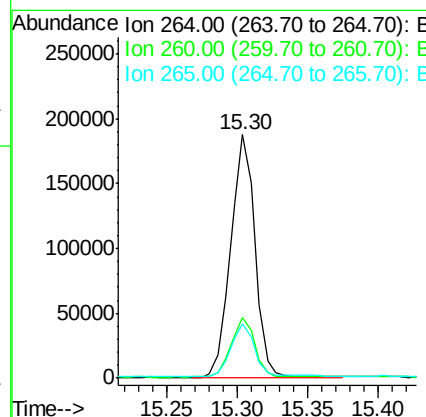
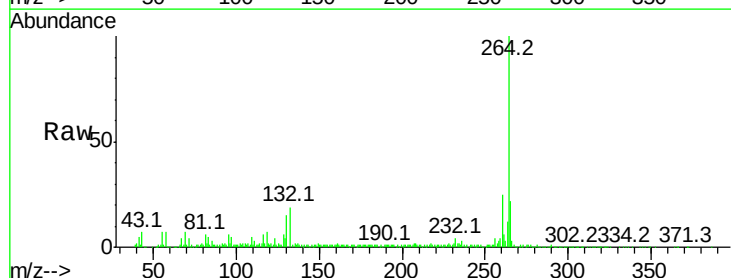
Manual Integrations
 APPROVED

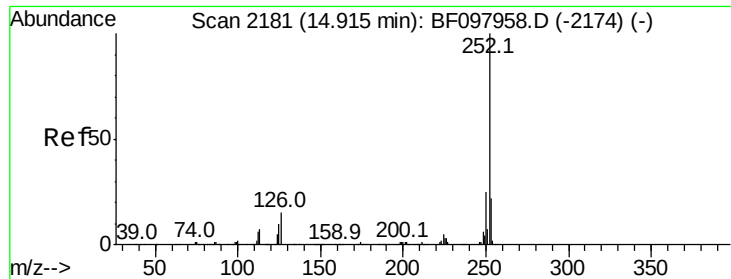
Sohil
 8/28/2017 3:13:28 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098042.D
 Acq: 25 Aug 2017 20:46

Tgt Ion:	264	Resp:	222956
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.5	29.3
265	22.5	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.376 ng m
 RT: 14.90 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BF098042.D
 Acq: 25 Aug 2017 20:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-082317

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.6	18.1	27.1#
125	26.8	9.8	14.8#

Manual Integrations
 APPROVED

Sohil
 8/28/2017 3:13:28 PM

