

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098720.D
 Acq On : 23 Sep 2017 2:27
 Operator : SJ/JU
 Sample : I5308-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 220-1-COMP

Manual Integrations
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Quant Time: Sep 23 05:01:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	160857	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	660293	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	272970	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	394864	20.00	ng	0.00
75) Chrysene-d12	14.09	240	352012	20.00	ng	0.00
86) Perylene-d12	15.59	264	288350	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	866488	81.80	ng	0.00
7) Phenol-d6	6.55	99	1133658	88.38	ng	0.00
23) Nitrobenzene-d5	7.49	82	678615	69.71	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	195045	78.13	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1079875	62.95	ng	0.00
78) Terphenyl-d14	13.03	244	817157	49.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.67	163	113739	5.556	ng	100
70) Phenanthrene	11.47	178	59398	2.773	ng	97
74) Fluoranthene	12.66	202	79931	3.744	ng	99
77) Pyrene	12.89	202	77447	2.963	ng	98
82) Chrysene	14.12	228	45875	2.240	ng	95
87) Benzo(b)fluoranthene	15.14	252	41403m	2.476	ng	

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

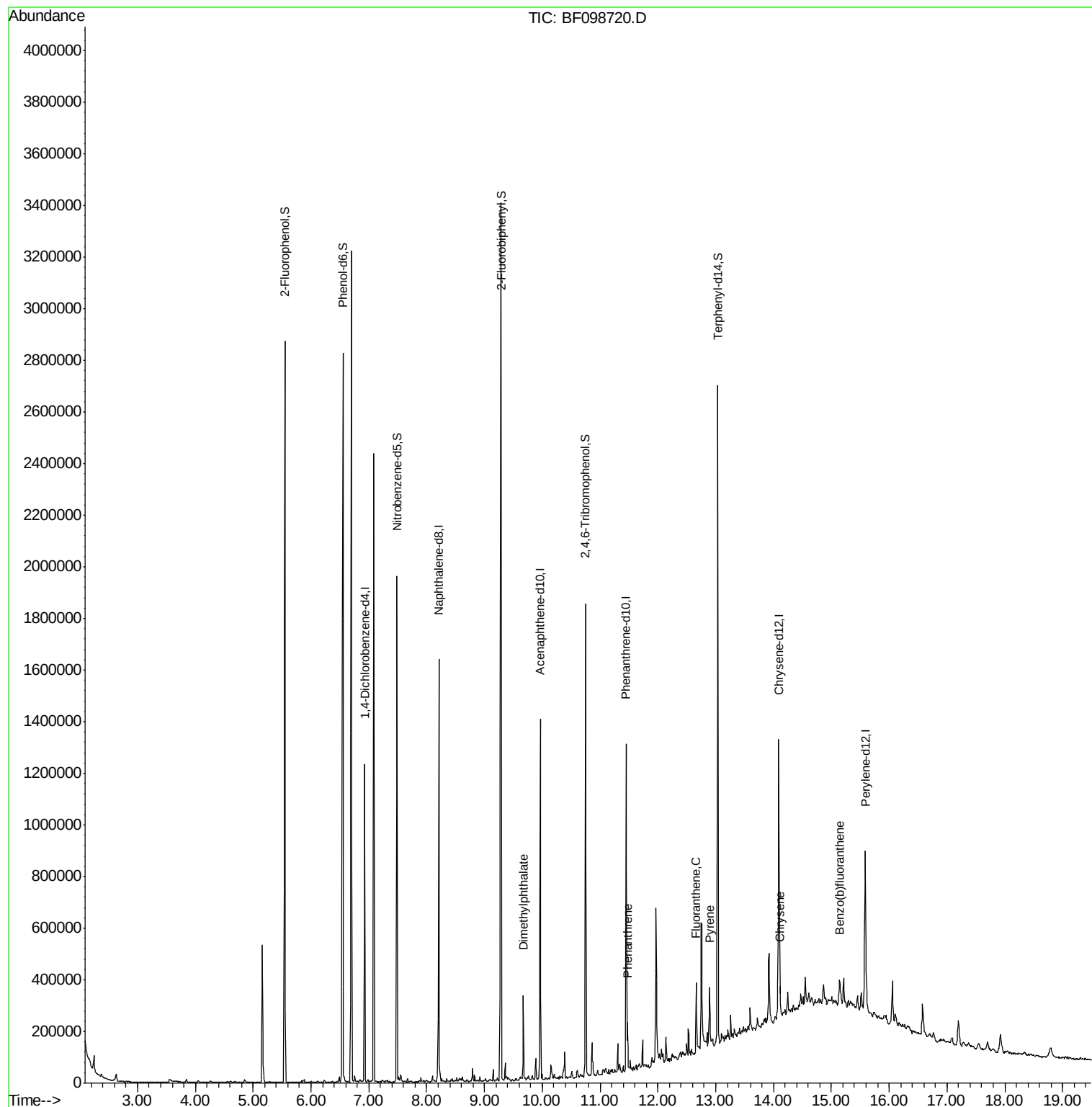
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098720.D
Acq On : 23 Sep 2017 2:27
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Sample : I5308-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

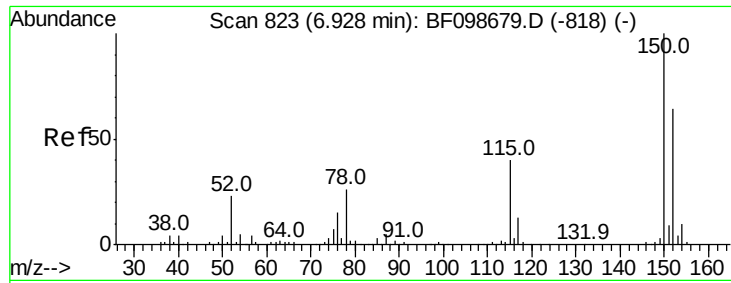
Instrument :
BNA_F
ClientSampleId :
220-1-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

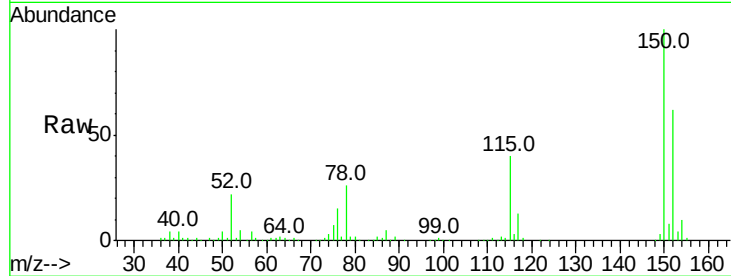
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098720.D
Acq: 23 Sep 2017 2:27

Instrument :
BNA_F
ClientSampleId :
220-1-COMP

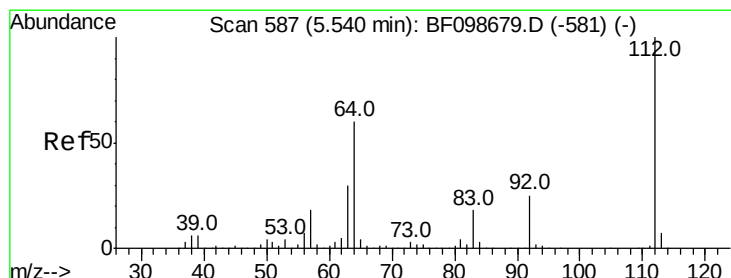
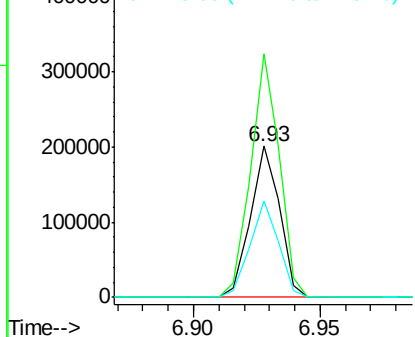
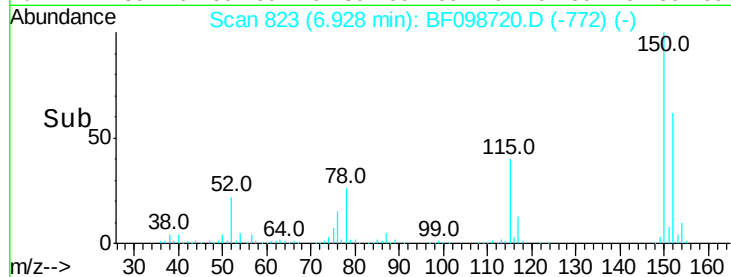
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	63.8	50.1	75.1

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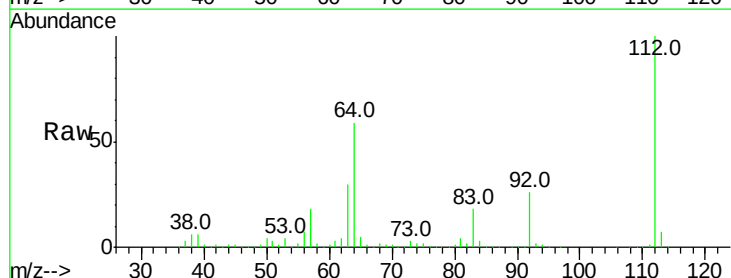
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



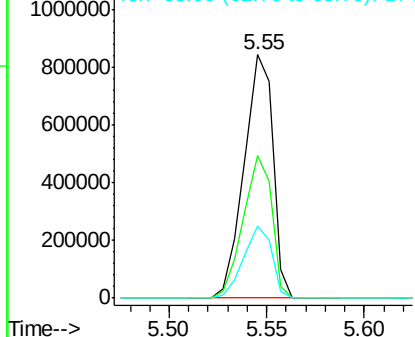
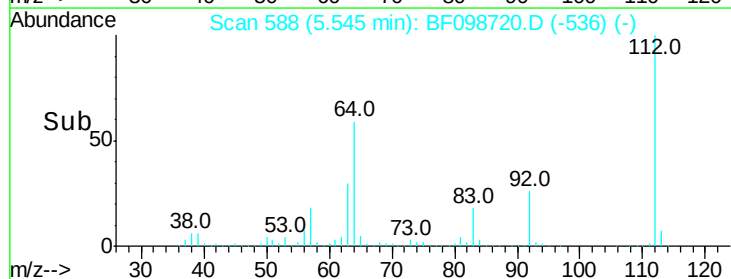
#5

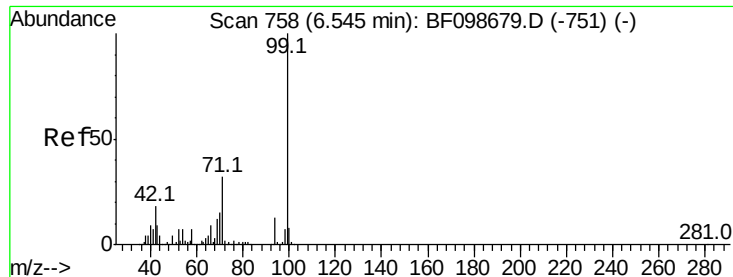
2-Fluorophenol
Concen: 81.798 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098720.D
Acq: 23 Sep 2017 2:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	29.6	23.7	35.5



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: 88.377 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098720.D

Acq: 23 Sep 2017 2:27

Instrument :

BNA_F

ClientSampleId :

220-1-COMP

Tot Ion: 99 Resp: 1133658

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

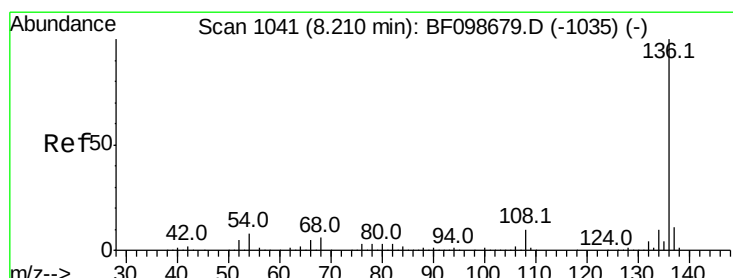
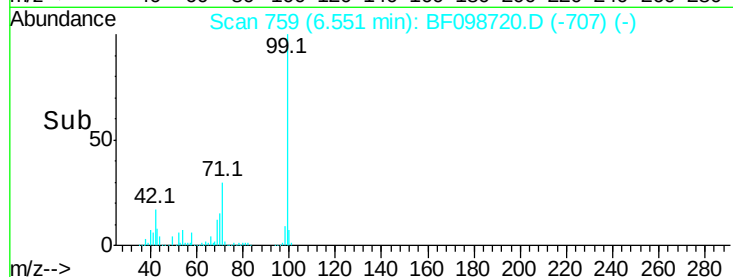
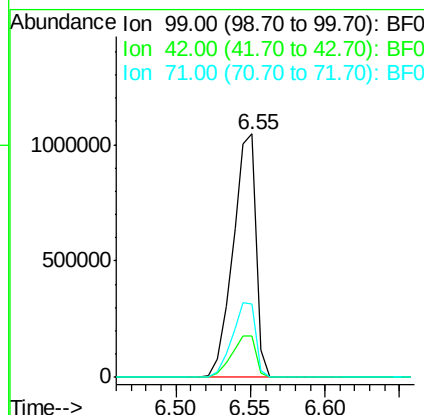
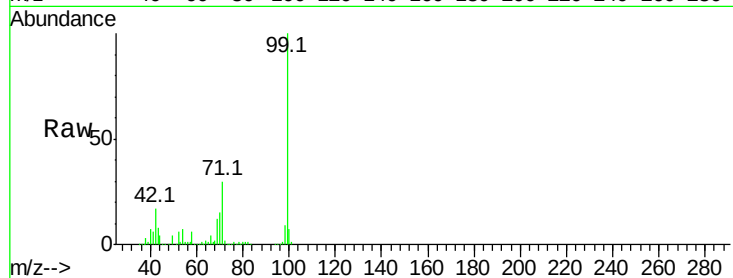
71 30.2 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF098720.D

Acq: 23 Sep 2017 2:27

Tgt Ion: 136 Resp: 660293

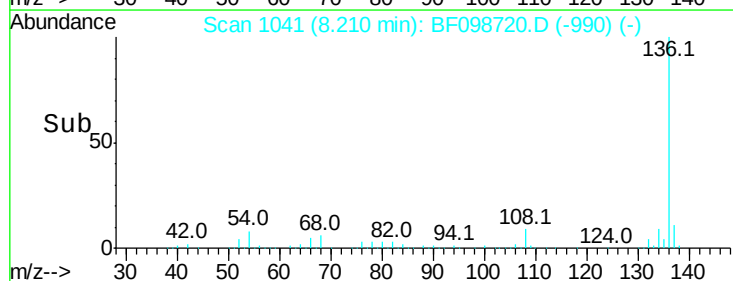
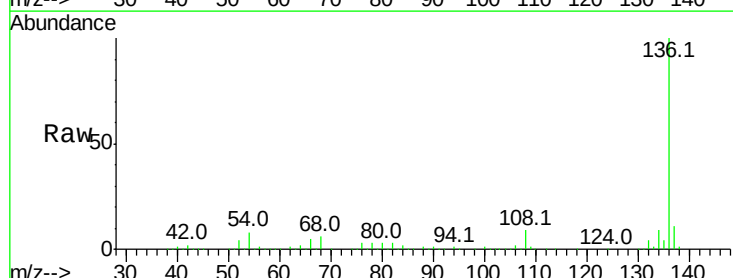
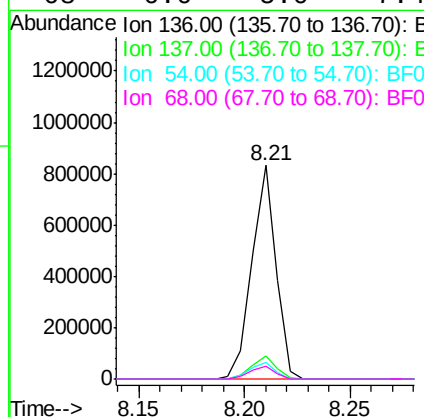
Ion Ratio Lower Upper

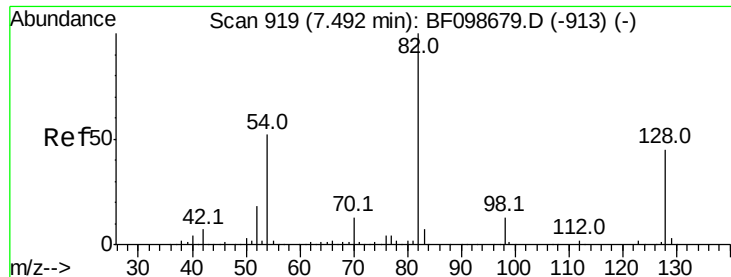
136 100

137 10.9 8.9 13.3

54 7.7 6.6 9.8

68 6.0 5.0 7.4





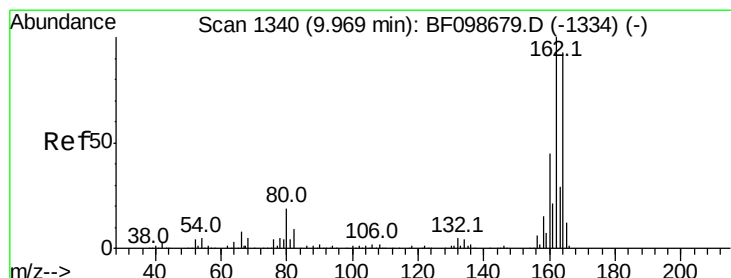
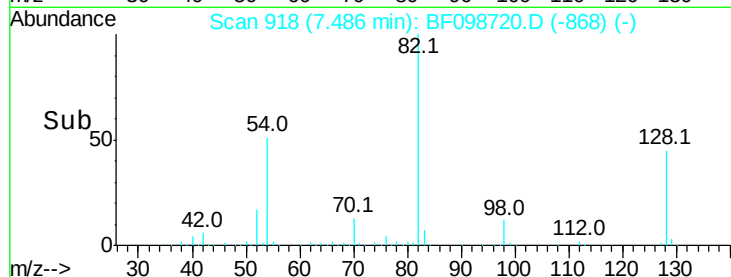
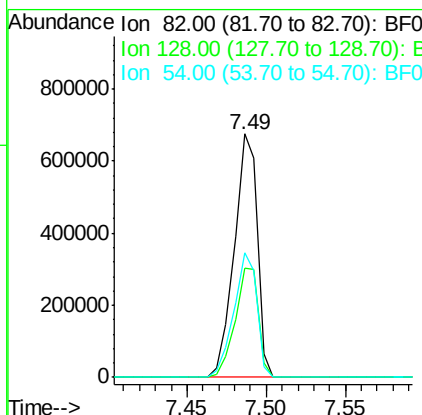
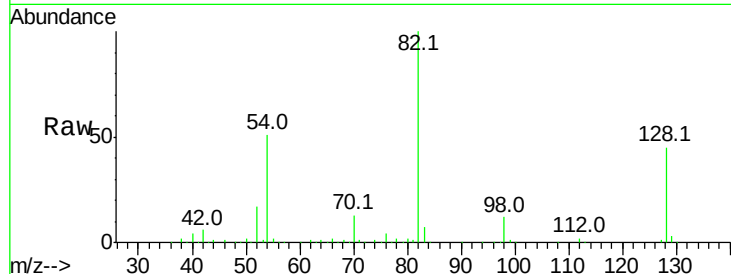
#23
Nitrobenzene-d5
Concen: 69.713 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF098720.D
Acq: 23 Sep 2017 2:27

Instrument :
BNA_F
ClientSampled :
220-1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100	678615		
128	44.7	36.1	54.1	
54	51.0	41.4	62.2	

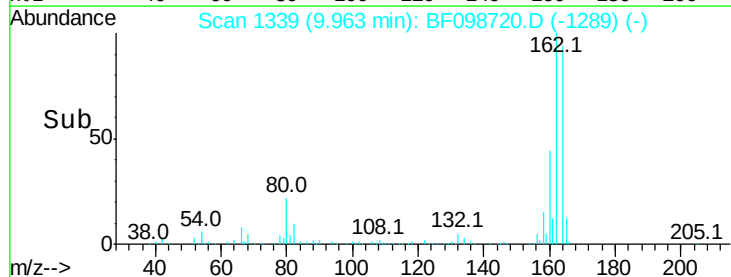
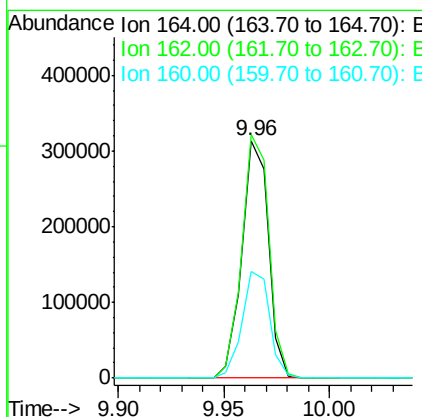
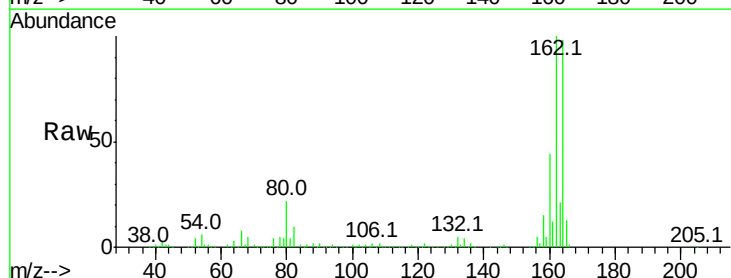
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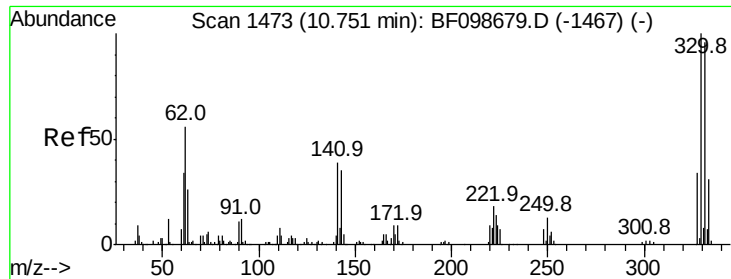
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF098720.D
Acq: 23 Sep 2017 2:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	272970		
162	102.5	86.1	129.1	
160	44.9	38.3	57.5	





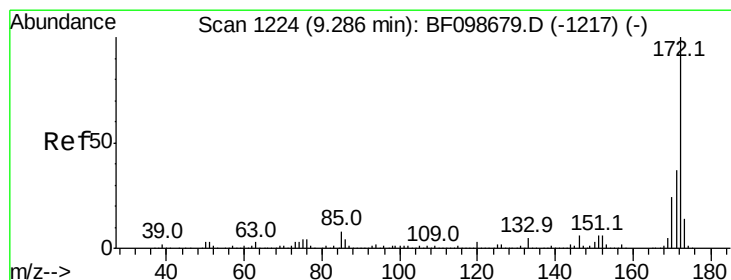
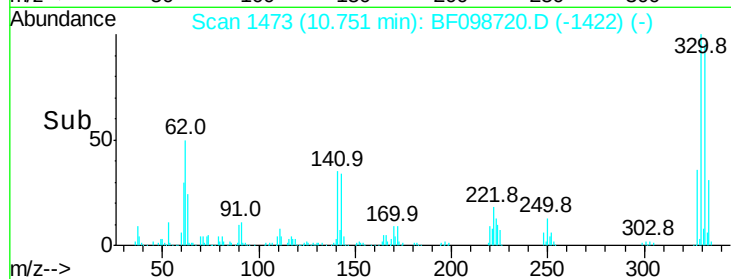
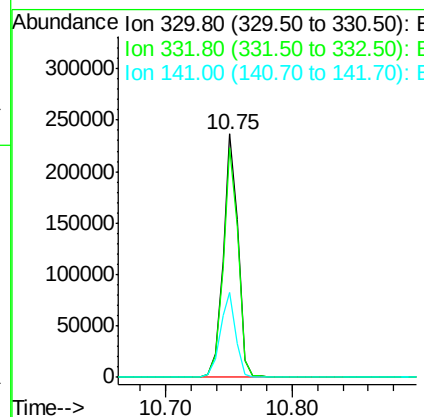
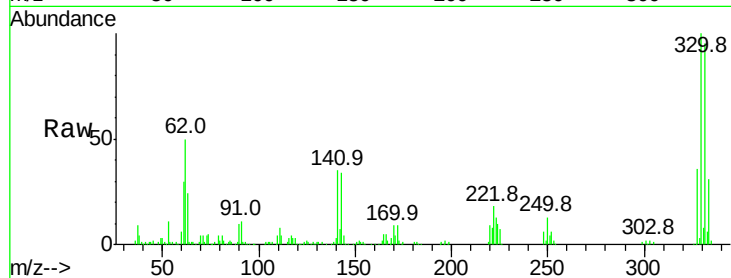
#41
 2,4,6-Tribromophenol
 Concen: 78.132 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098720.D
 Acq: 23 Sep 2017 2:27

Instrument :
 BNA_F
 ClientSampleId :
 220-1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	195045		
332	94.9	77.0	115.6	
141	36.9	29.9	44.9	

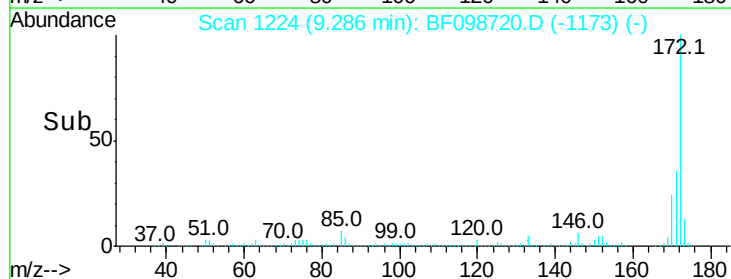
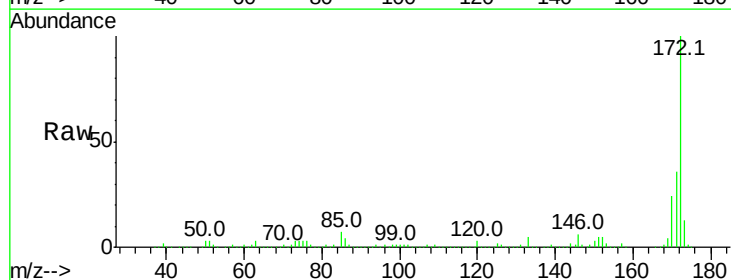
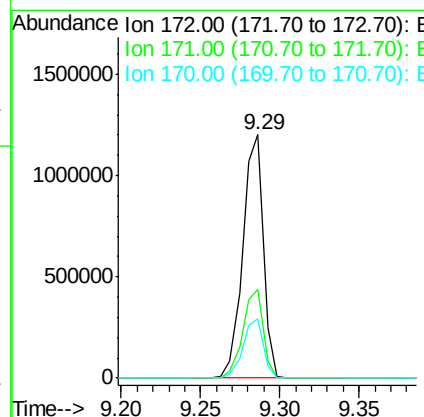
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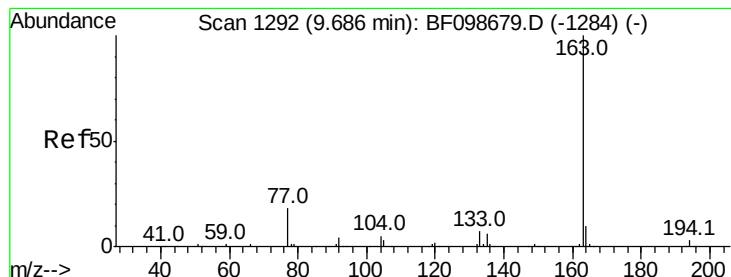
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#44
 2-Fluorobiphenyl
 Concen: 62.951 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF098720.D
 Acq: 23 Sep 2017 2:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1079875		
171	36.3	29.7	44.5	
170	24.1	19.6	29.4	





#49

Dimethylphthalate

Concen: 5.556 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF098720.D

Acq: 23 Sep 2017 2:27

Instrument :

BNA_F

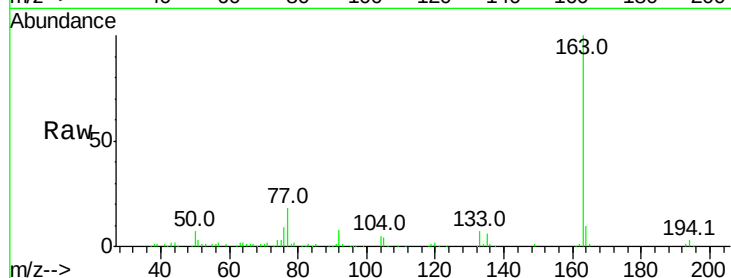
ClientSampleId :

220-1-COMP

Tot Ion:	163	Resp:	113739
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.4	8.2	12.2

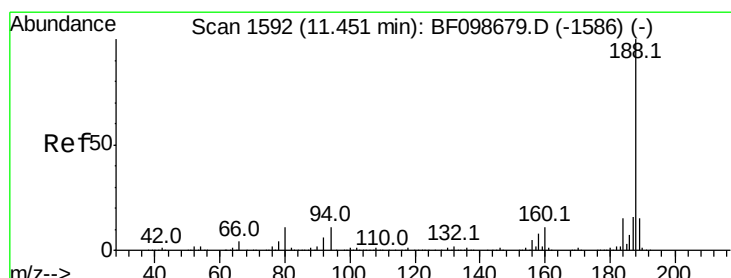
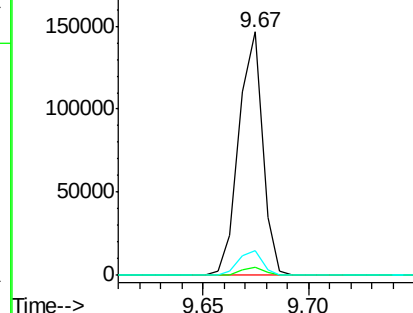
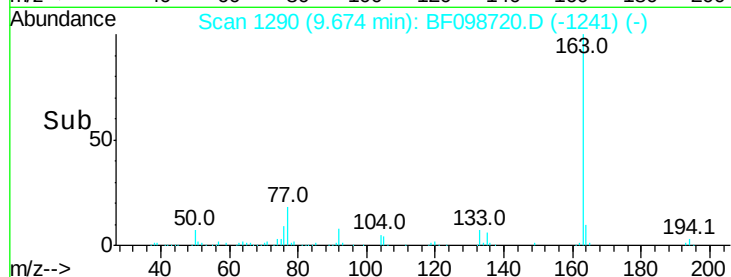
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

9.67



#63

Phenanthrene-d10

Concen: 20.000 ng

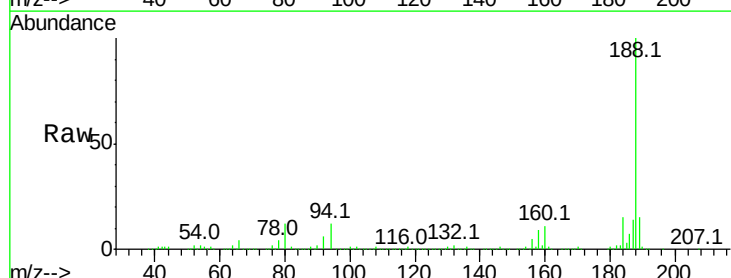
RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF098720.D

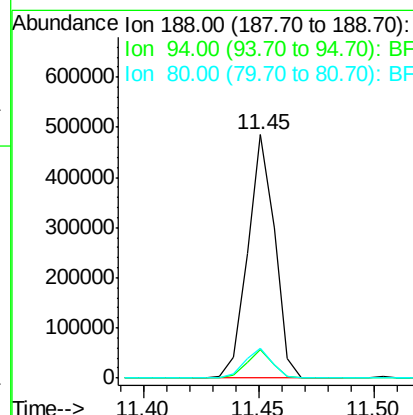
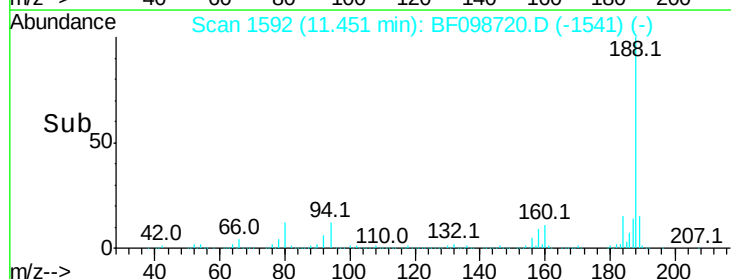
Acq: 23 Sep 2017 2:27

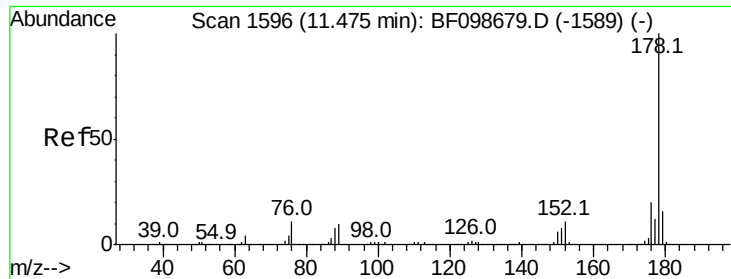
Tgt Ion:	188	Resp:	394864
Ion Ratio	Lower	Upper	
188	100		
94	11.7	8.5	12.7
80	12.1	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

11.45





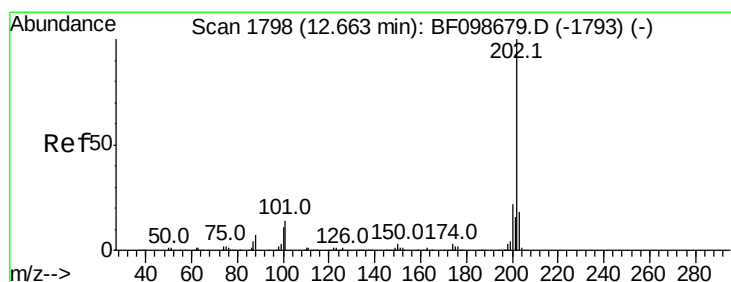
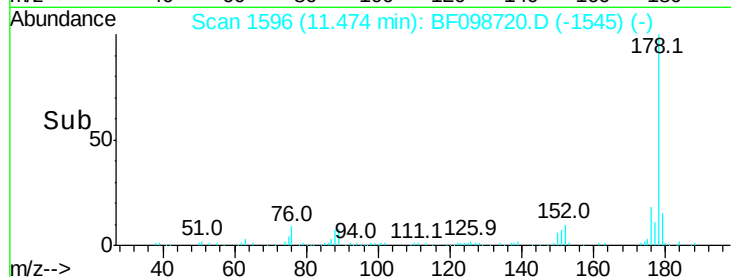
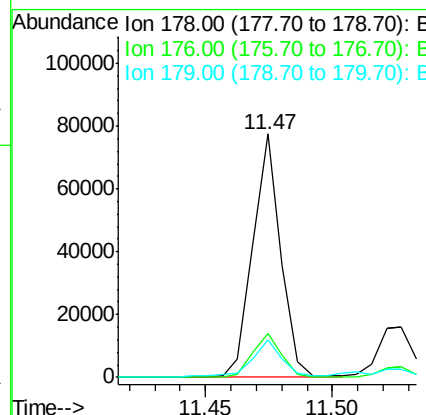
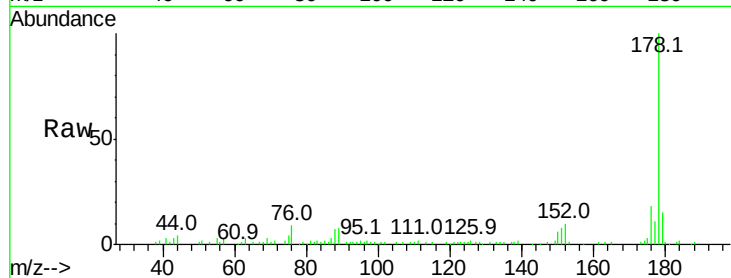
#70
Phenanthrene
Concen: 2.773 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF098720.D
Acq: 23 Sep 2017 2:27

Instrument :
BNA_F
ClientSampled :
220-1-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.4	13.0	19.6

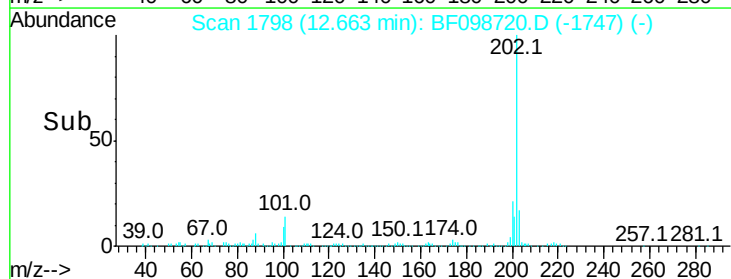
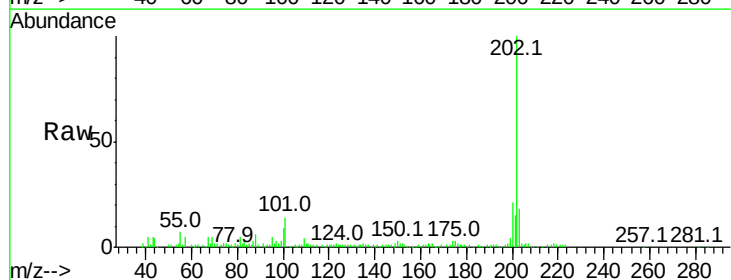
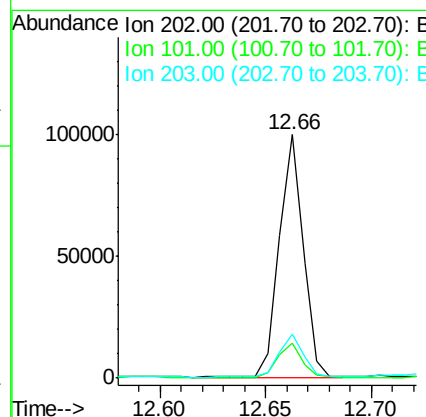
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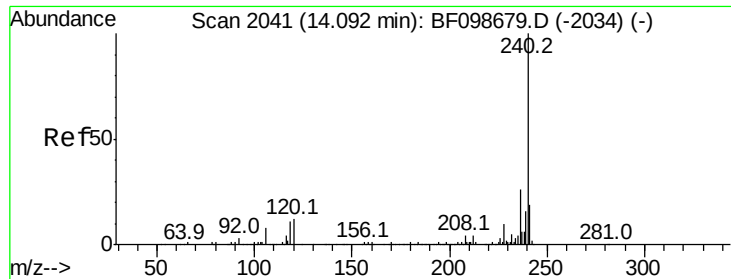
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#74
Fluoranthene
Concen: 3.744 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BF098720.D
Acq: 23 Sep 2017 2:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.1
203	17.9	0.0	38.1





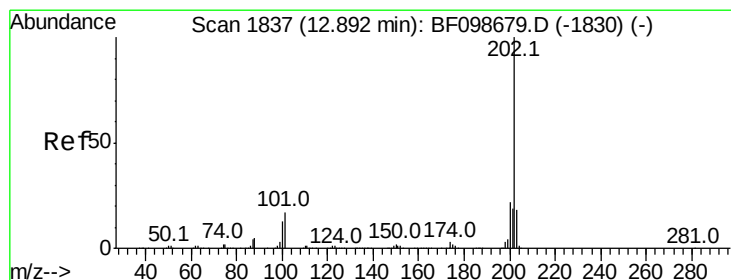
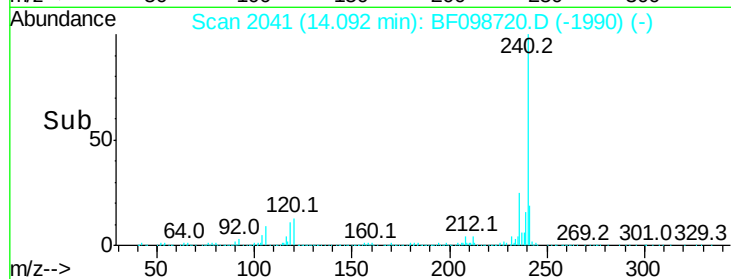
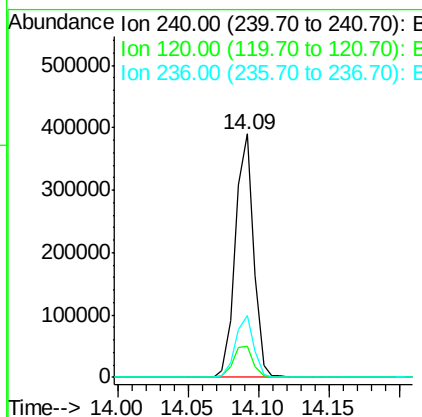
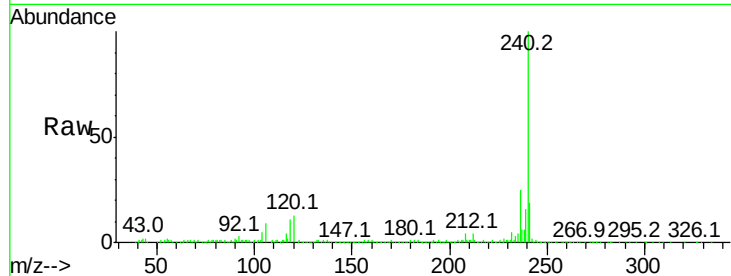
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BF098720.D
Acq: 23 Sep 2017 2:27

Instrument :
BNA_F
ClientSampled :
220-1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.8	9.5	14.3	
236	25.5	20.7	31.1	

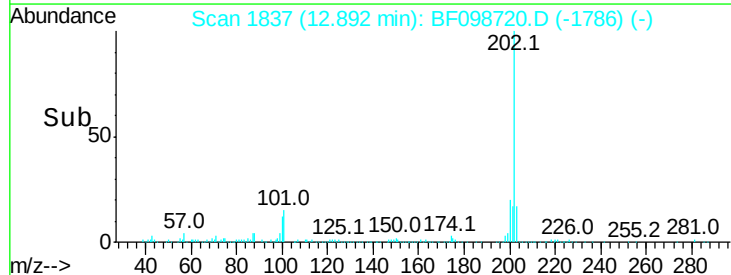
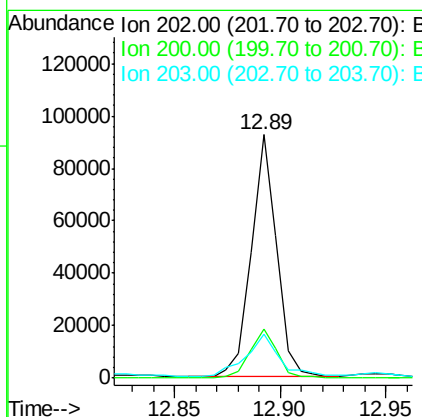
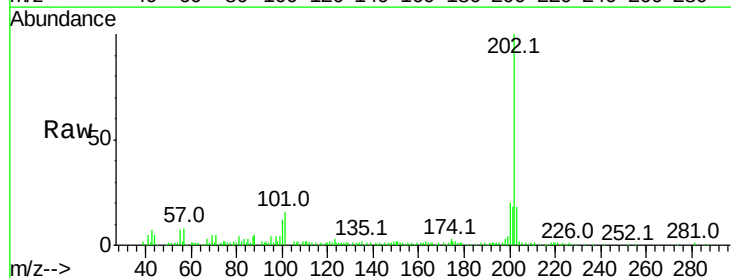
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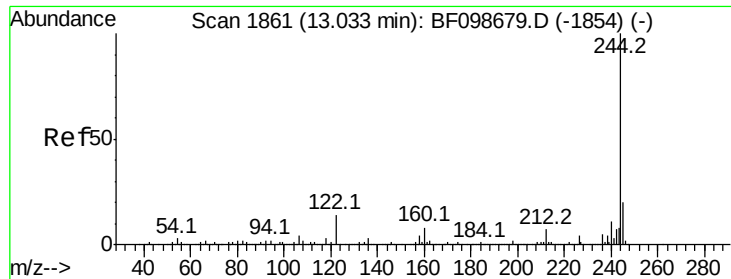
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#77
Pyrene
Concen: 2.963 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BF098720.D
Acq: 23 Sep 2017 2:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.2	17.4	26.2	
203	18.1	14.3	21.5	





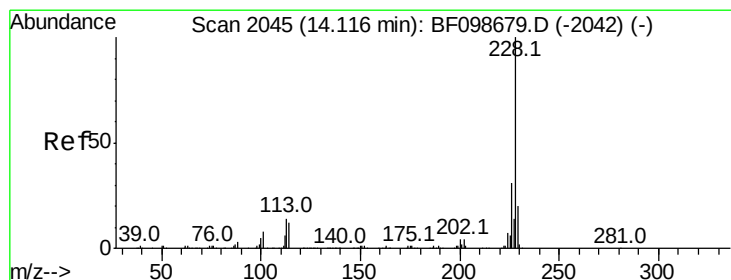
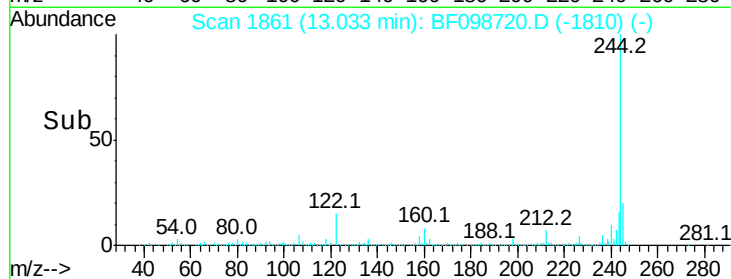
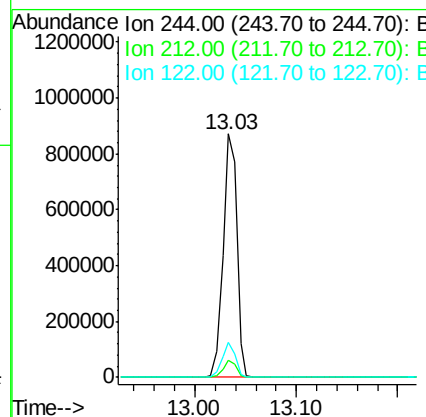
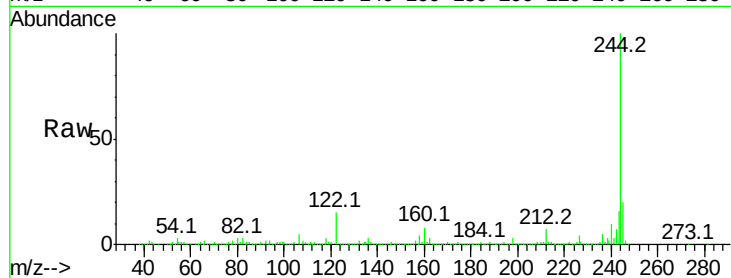
#78
 Terphenyl-d14
 Concen: 49.845 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BF098720.D
 Acq: 23 Sep 2017 2:27

Instrument :
 BNA_F
 ClientSampled :
 220-1-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.6	11.0	16.4

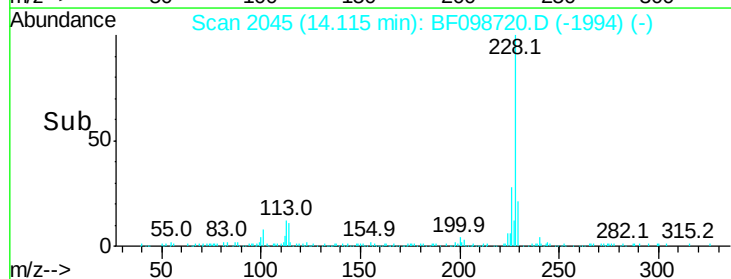
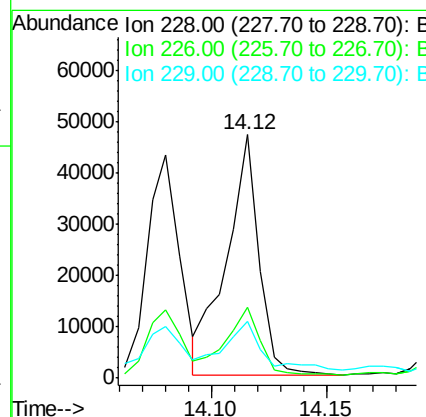
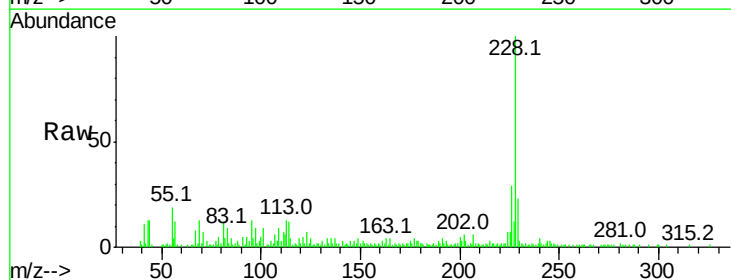
Manual Integrations
 APPROVED

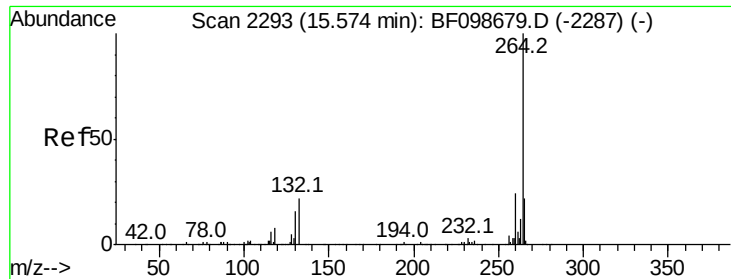
Sohil
 9/25/2017 6:21:22 PM



#82
 Chrysene
 Concen: 2.240 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF098720.D
 Acq: 23 Sep 2017 2:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	23.5	16.2	24.4





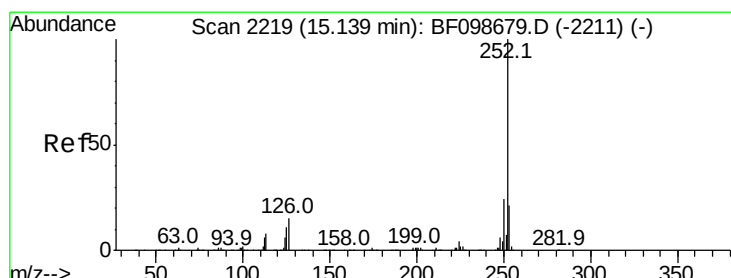
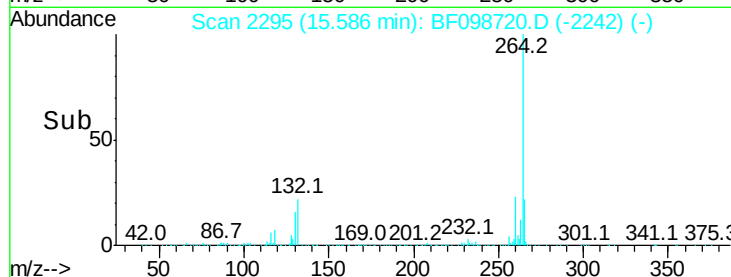
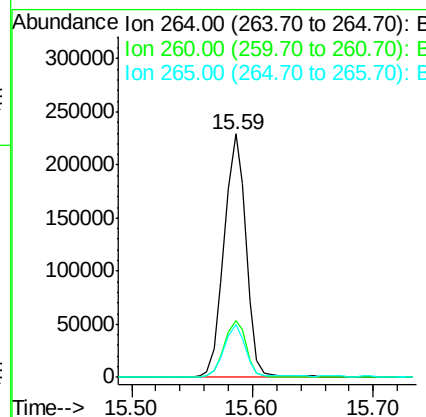
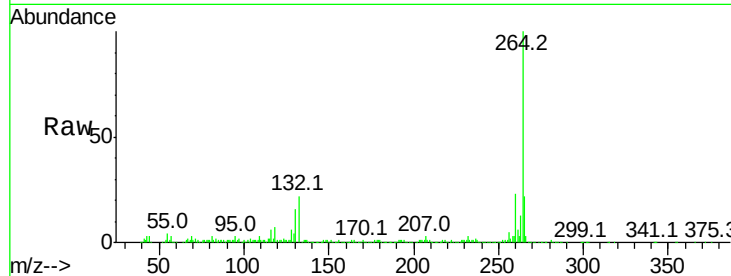
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098720.D
Acq: 23 Sep 2017 2:27

Instrument :
BNA_F
ClientSampleId :
220-1-COMP

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.5	26.3

Manual Integrations
APPROVED

Sohil
9/25/2017 6:21:22 PM



#87
Benzo(b)fluoranthene
Concen: 2.476 ng m
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098720.D
Acq: 23 Sep 2017 2:27

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.1	17.0	25.6
125	18.8	9.0	13.6#

