

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098722.D
 Acq On : 23 Sep 2017 3:24
 Operator : SJ/JU
 Sample : I5340-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-002

Manual Integrations
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Quant Time: Sep 23 05:28:07 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	141626	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	563680	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	230868	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	334405	20.00	ng	0.00
75) Chrysene-d12	14.09	240	293179	20.00	ng	0.00
86) Perylene-d12	15.59	264	244097	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	952383	102.11	ng	0.01
7) Phenol-d6	6.55	99	1144497	101.34	ng	0.00
23) Nitrobenzene-d5	7.49	82	687826	82.77	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	210489	99.69	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1138930	78.50	ng	0.00
78) Terphenyl-d14	13.03	244	798760	58.50	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.67	163	206610	11.934	ng	98
74) Fluoranthene	12.66	202	49103	2.716	ng	98
77) Pyrene	12.89	202	49712	2.284	ng	98
87) Benzo(b)fluoranthene	15.14	252	29902m	2.112	ng	

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

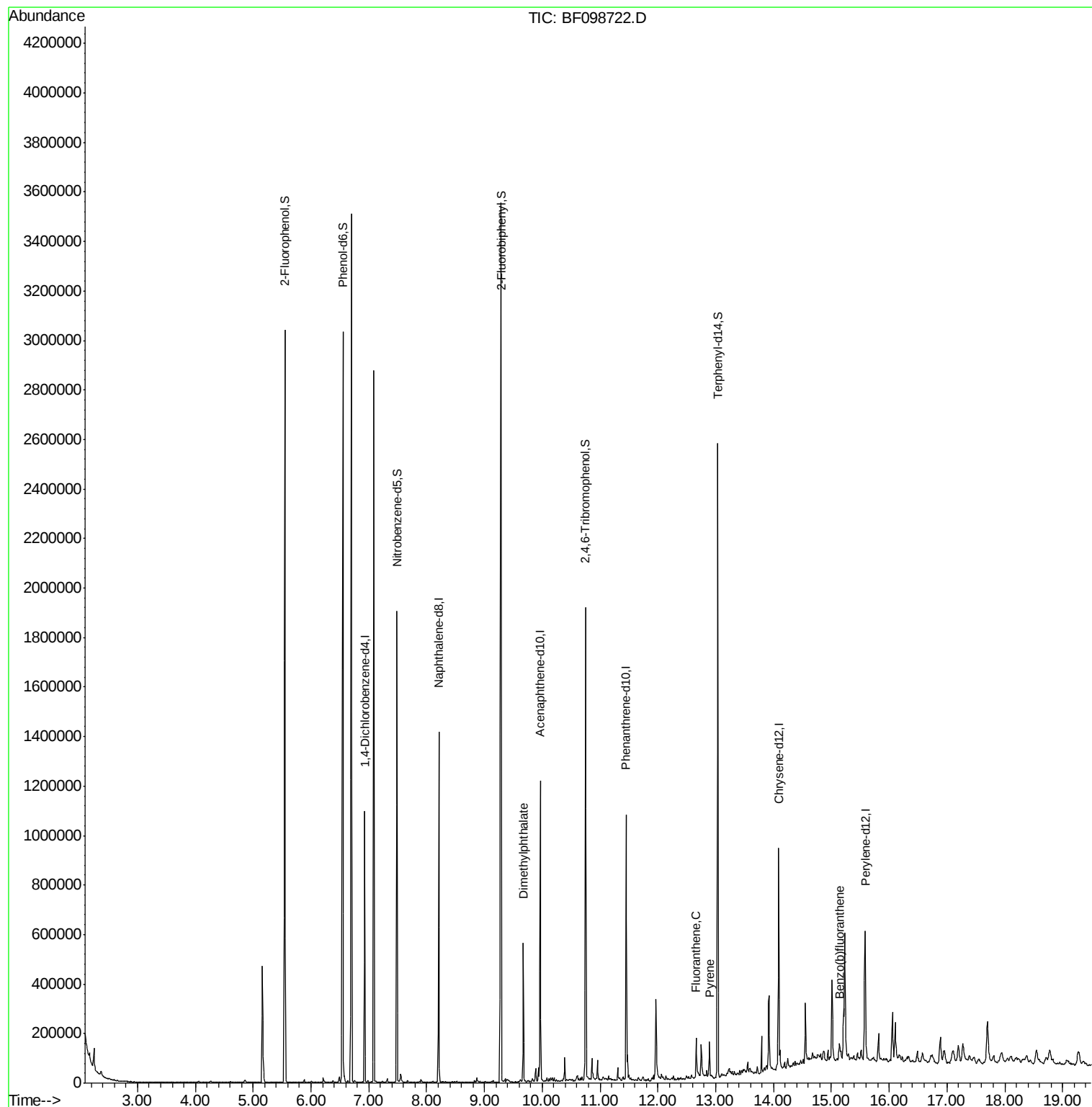
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
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#1

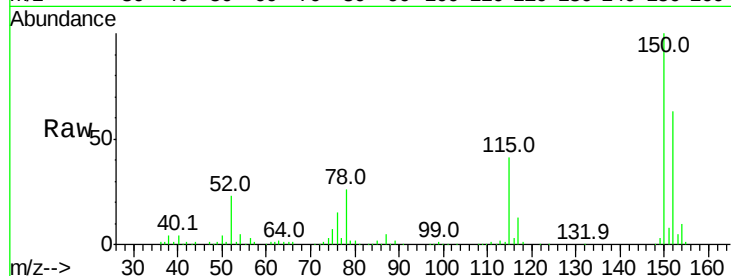
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098722.D
Acq: 23 Sep 2017 3:24

Instrument :
BNA_F
ClientSampleId :
LT-TS-002

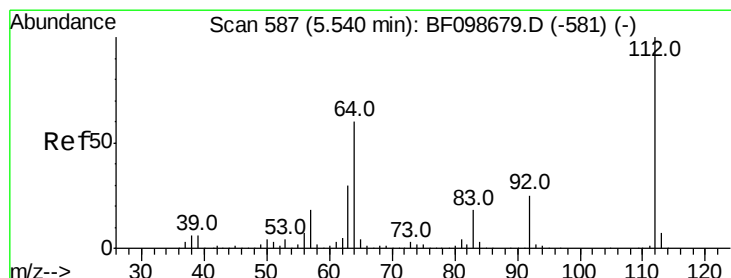
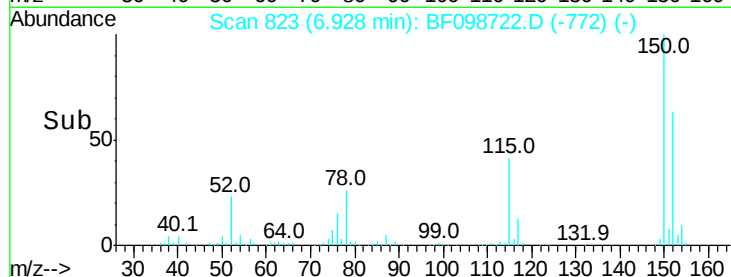
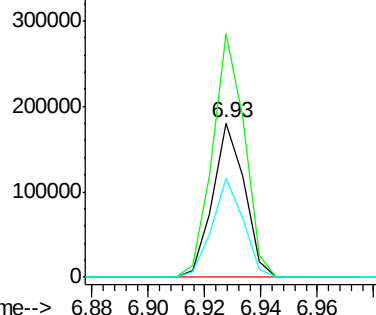
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	64.2	50.1	75.1

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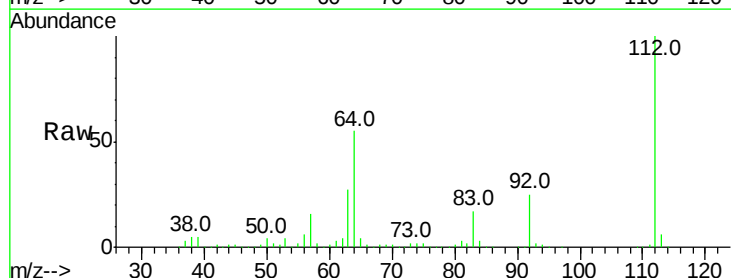
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



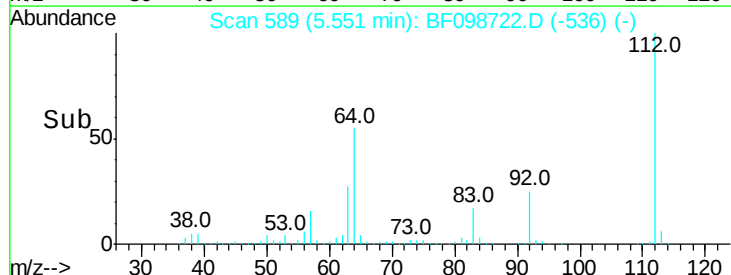
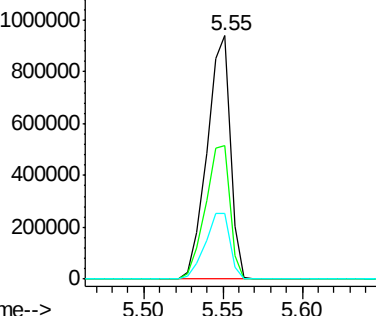
#5

2-Fluorophenol
Concen: 102.115 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF098722.D
Acq: 23 Sep 2017 3:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	27.1	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: 101.337 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098722.D

Acq: 23 Sep 2017 3:24

Instrument :

BNA_F

ClientSampled :

LT-TS-002

Tot Ion: 99 Resp: 1144497

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

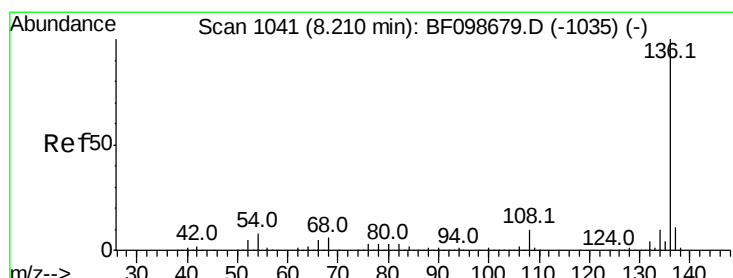
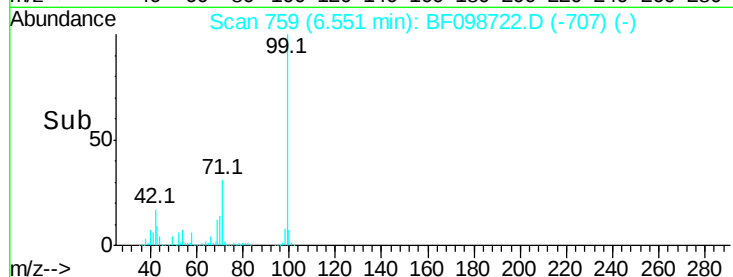
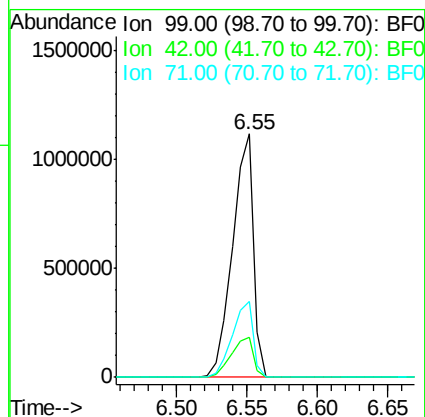
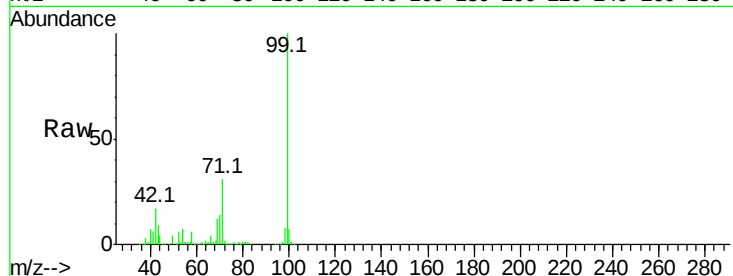
71 31.2 25.4 38.0

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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: BF098722.D

Acq: 23 Sep 2017 3:24

Tgt Ion: 136 Resp: 563680

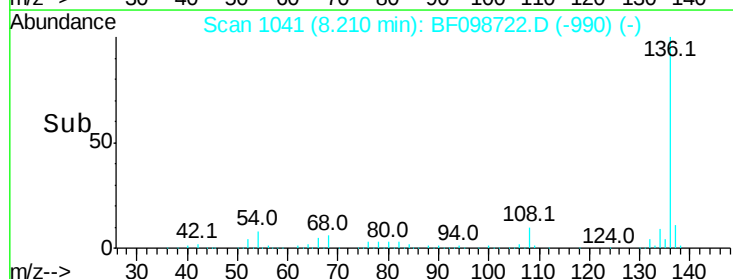
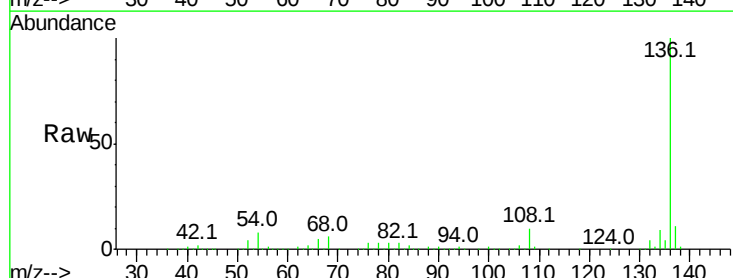
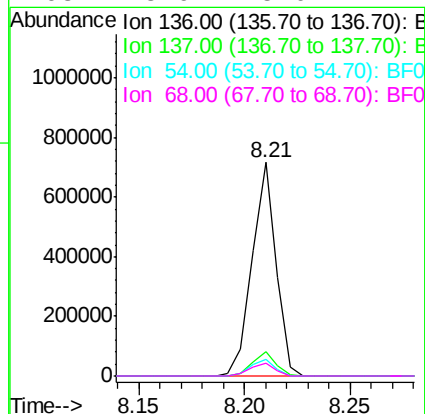
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.5 6.6 9.8

68 5.9 5.0 7.4





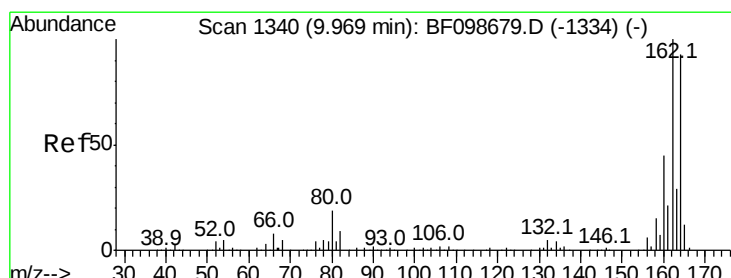
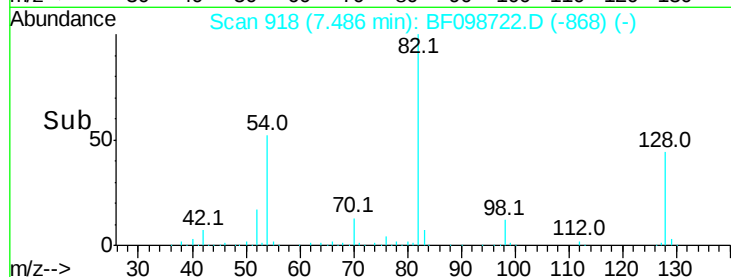
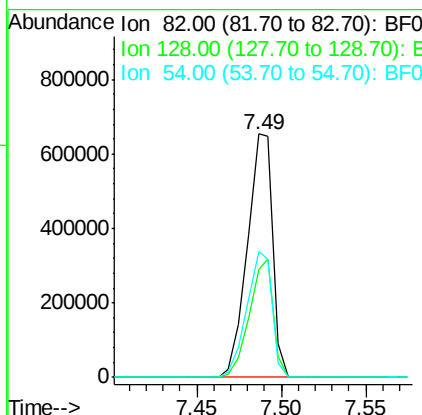
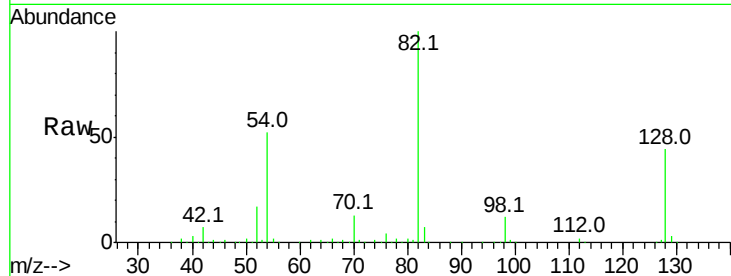
#23
Nitrobenzene-d5
Concen: 82.770 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF098722.D
Acq: 23 Sep 2017 3:24

Instrument :
BNA_F
ClientSampled :
LT-TS-002

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.4	36.1	54.1	
54	51.7	41.4	62.2	

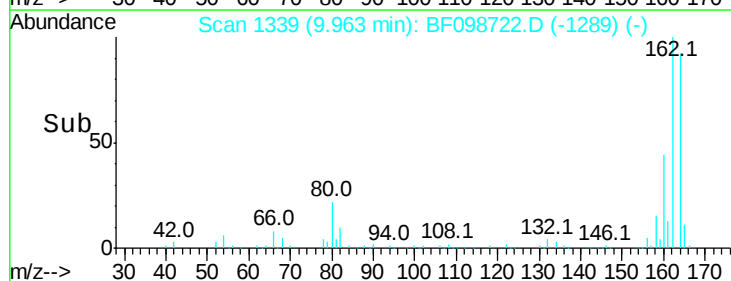
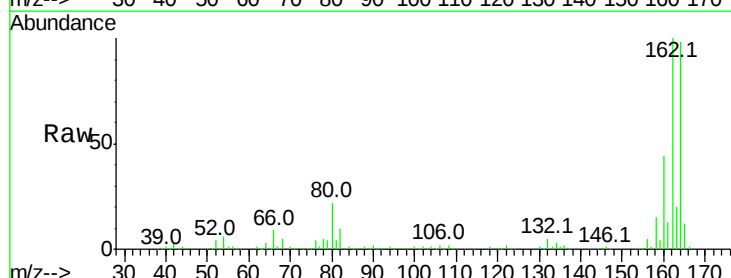
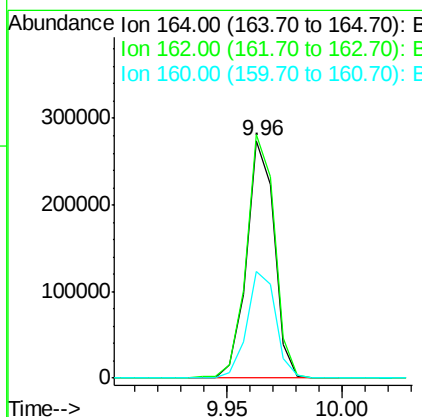
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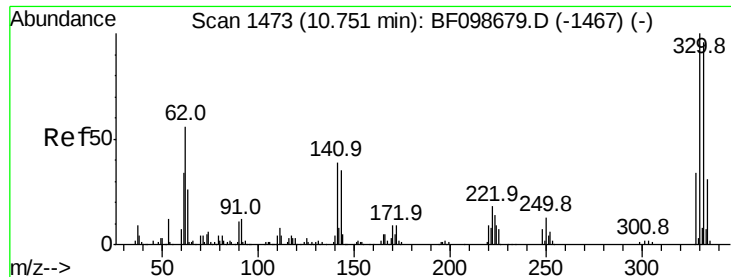
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF098722.D
Acq: 23 Sep 2017 3:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	86.1	129.1	
160	44.7	38.3	57.5	





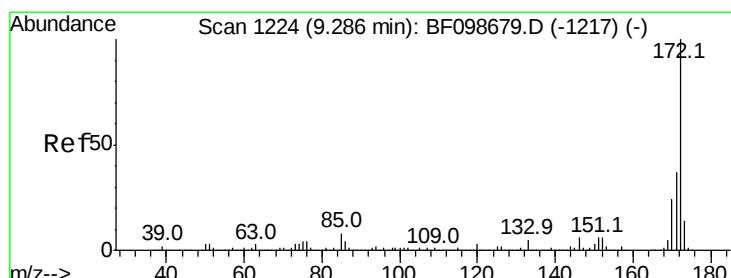
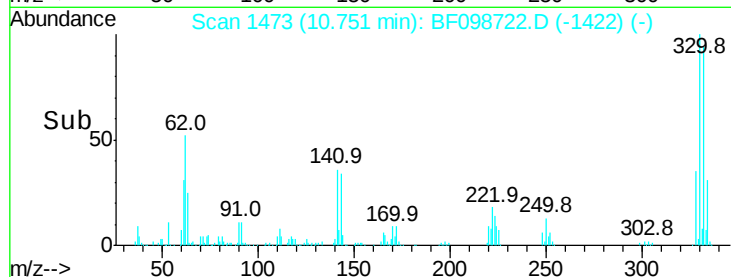
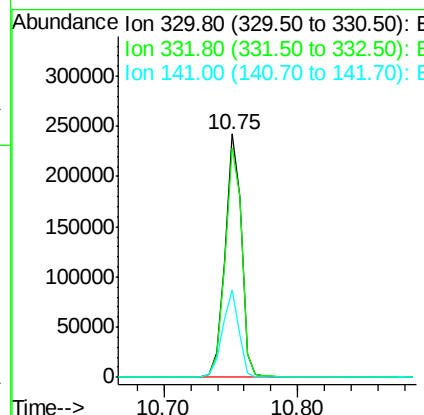
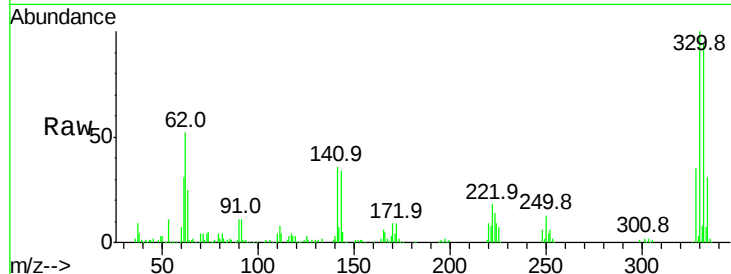
#41
 2,4,6-Tribromophenol
 Concen: 99.695 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098722.D
 Acq: 23 Sep 2017 3:24

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-002

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	36.2	29.9	44.9

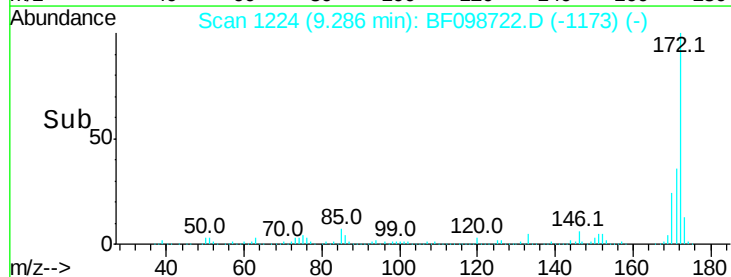
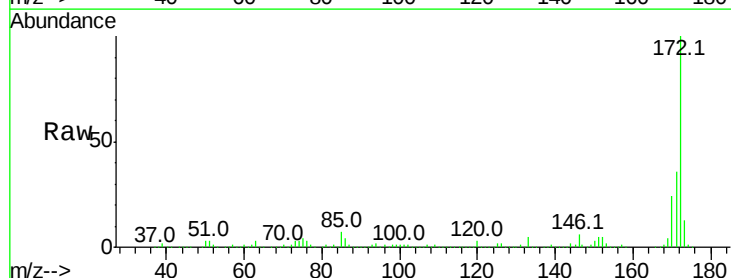
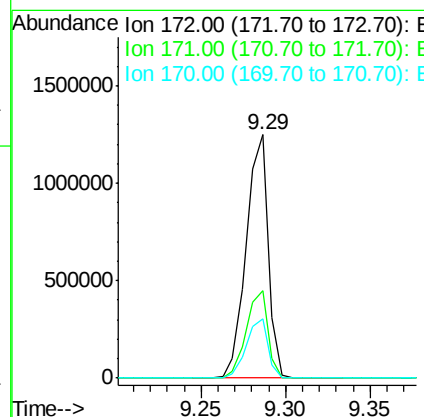
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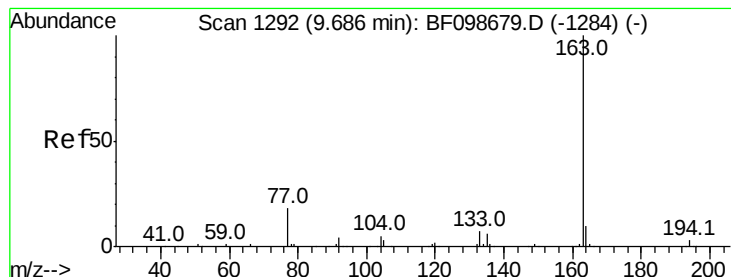
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#44
 2-Fluorobiphenyl
 Concen: 78.502 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF098722.D
 Acq: 23 Sep 2017 3:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.2	19.6	29.4





#49

Dimethylphthalate

Concen: 11.934 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF098722.D

Acq: 23 Sep 2017 3:24

Instrument :

BNA_F

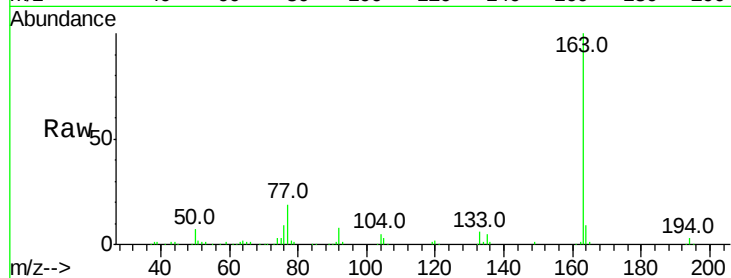
ClientSampleId :

LT-TS-002

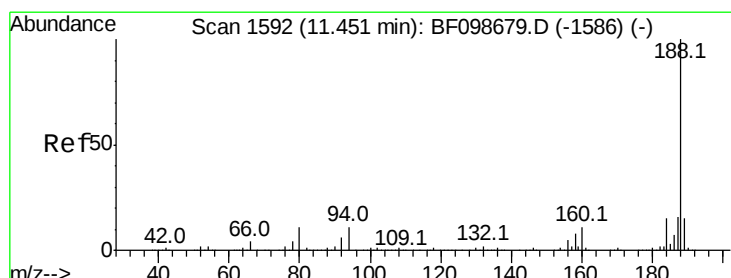
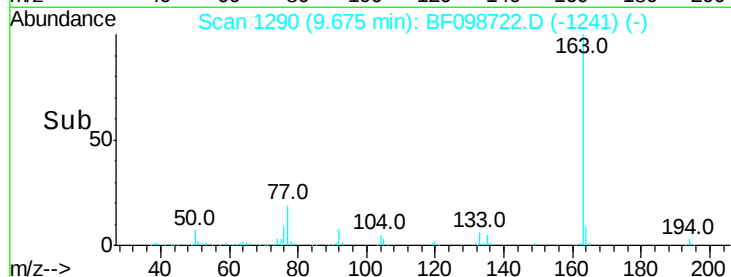
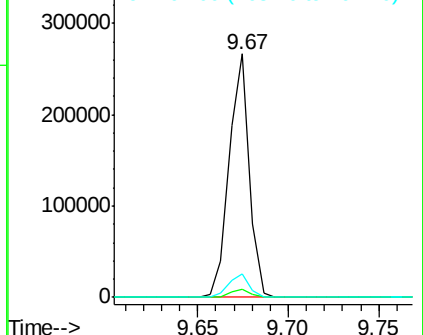
Tot Ion:	163	Resp:	206610
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	9.4	8.2	12.2

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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



#63

Phenanthrene-d10

Concen: 20.000 ng

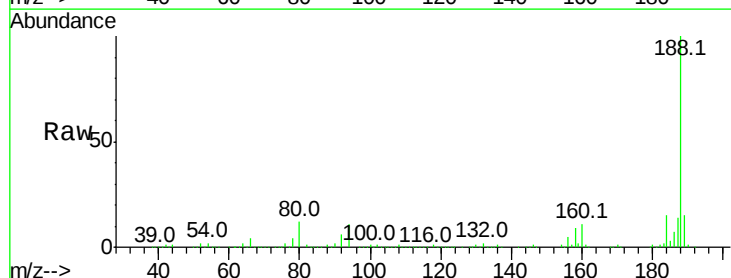
RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

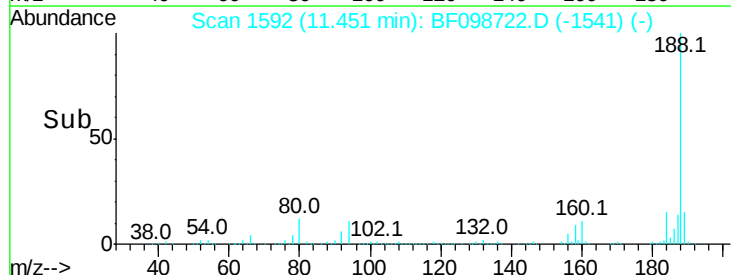
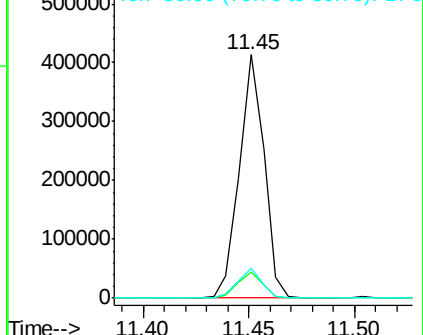
Lab File: BF098722.D

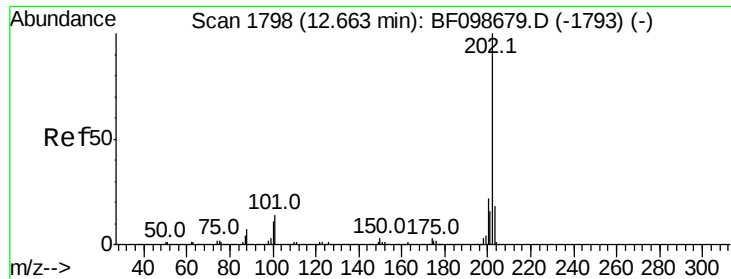
Acq: 23 Sep 2017 3:24

Tgt Ion:	188	Resp:	334405
Ion Ratio	Lower	Upper	
188	100		
94	10.9	8.5	12.7
80	12.0	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





#74

Fluoranthene

Concen: 2.716 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF098722.D

Acq: 23 Sep 2017 3:24

Instrument :

BNA_F

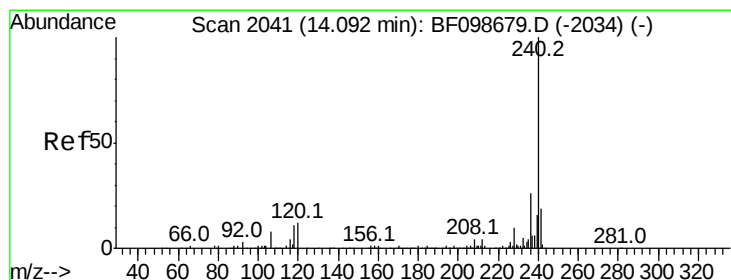
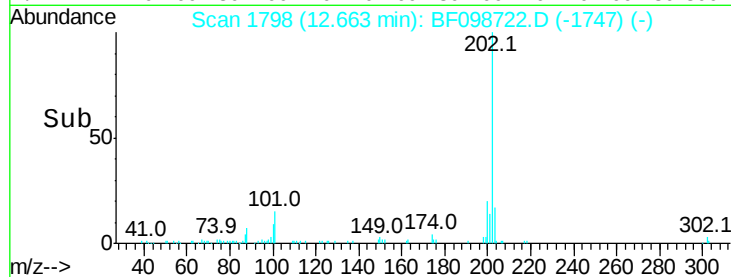
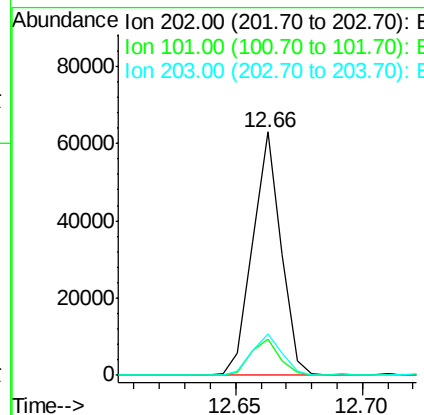
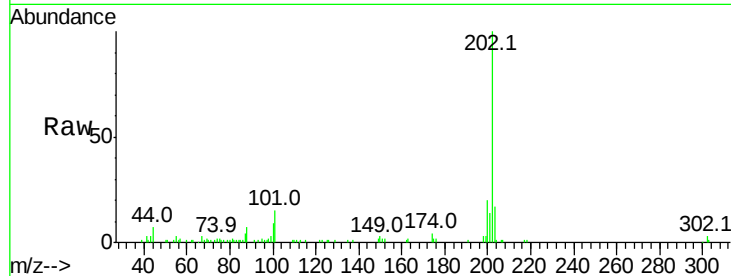
ClientSampleId :

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Tot Ion:	202	Resp:	49103
Ion Ratio	Lower	Upper	
202	100		
101	14.7	0.0	34.1
203	16.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

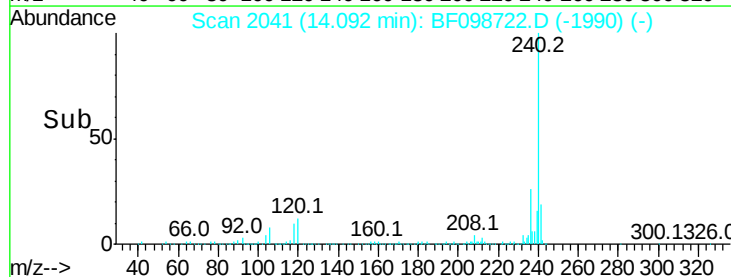
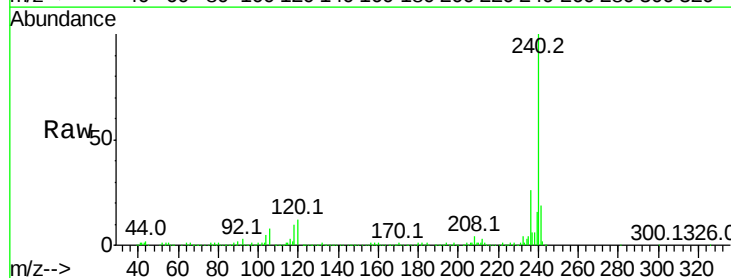
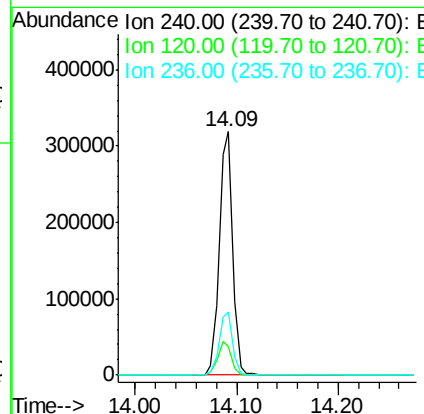
RT: 14.09 min Scan# 2041

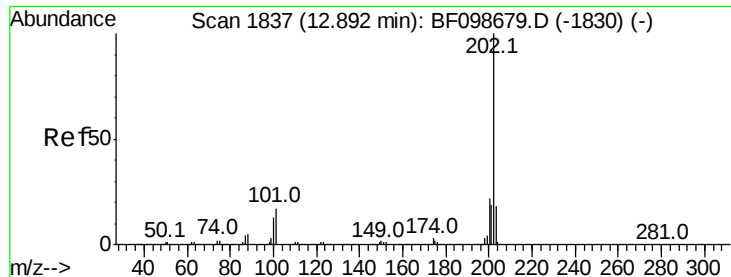
Delta R.T. -0.00 min

Lab File: BF098722.D

Acq: 23 Sep 2017 3:24

Tgt Ion:	240	Resp:	293179
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.5	14.3
236	25.8	20.7	31.1





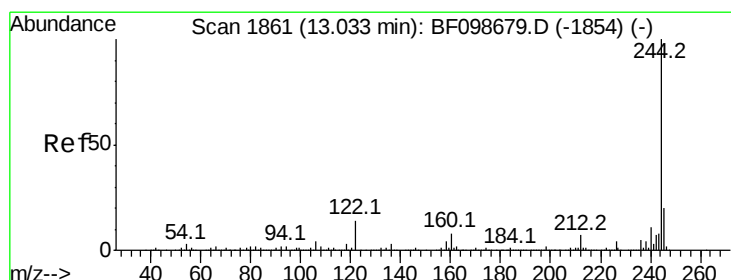
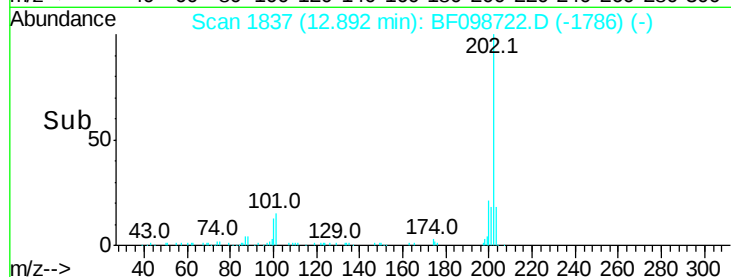
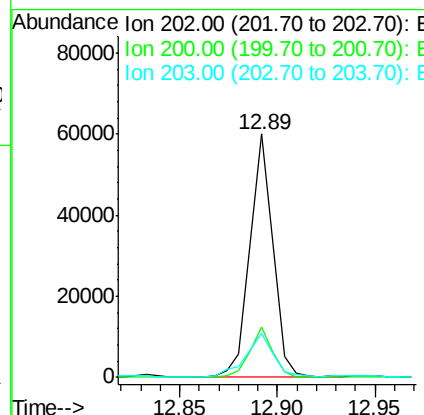
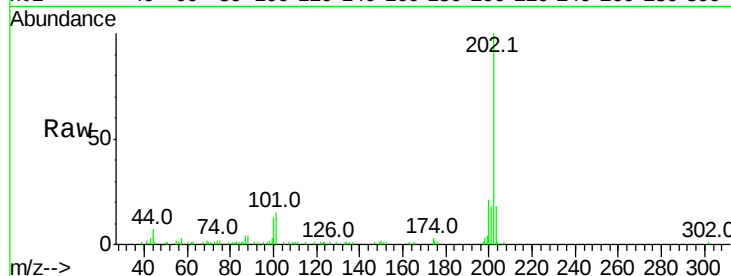
#77
Pvrene
Concen: 2.284 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BF098722.D
Acq: 23 Sep 2017 3:24

Instrument :
BNA_F
ClientSampleId :
LT-TS-002

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.4	26.2
203	18.2	14.3	21.5

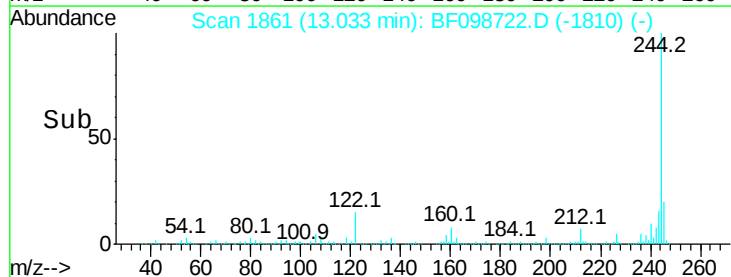
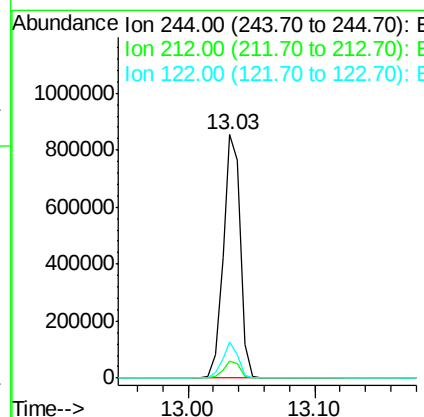
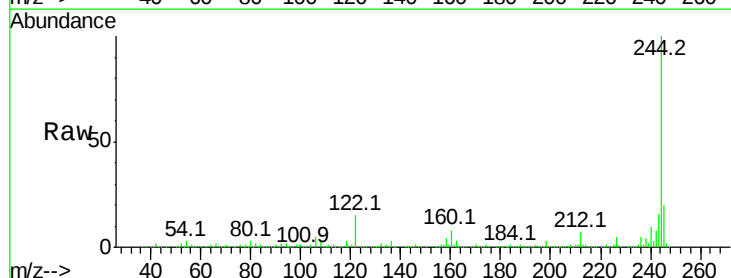
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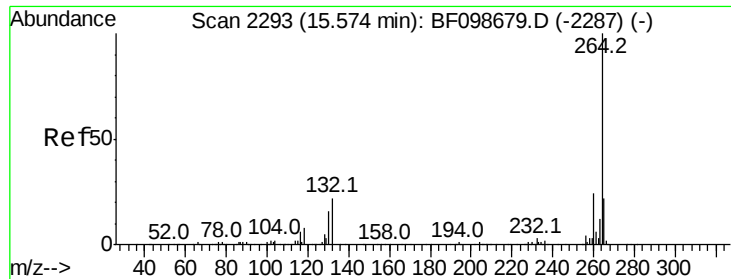
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#78
Terphenyl-d14
Concen: 58.501 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BF098722.D
Acq: 23 Sep 2017 3:24

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.7	11.0	16.4





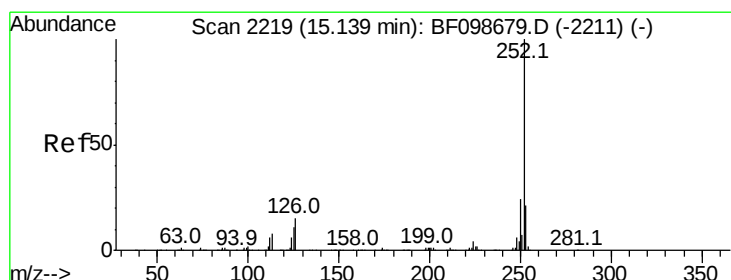
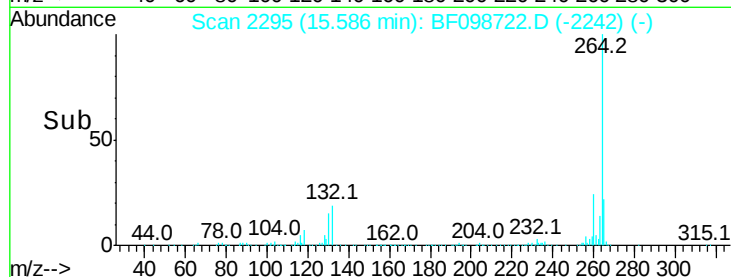
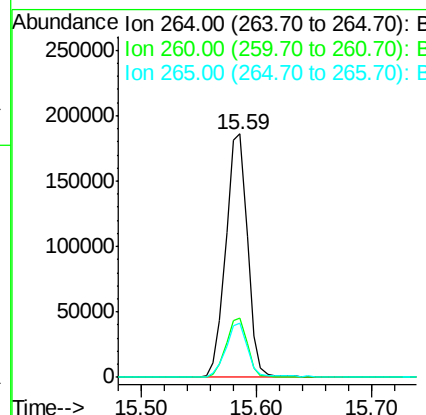
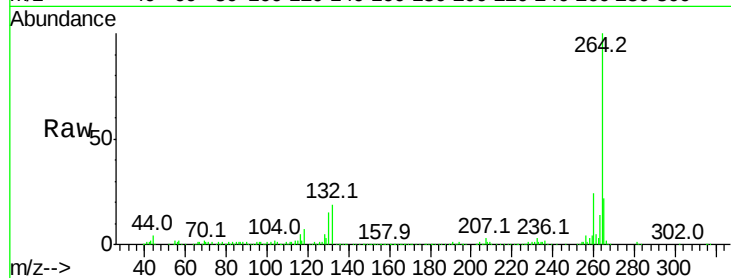
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098722.D
Acq: 23 Sep 2017 3:24

Instrument :
BNA_F
ClientSampled :
LT-TS-002

Tot Ion	Ratio	Resp	Lower	Upper
264	100	244097		
260	24.4	19.2	28.8	
265	22.3	17.5	26.3	

Manual Integrations
APPROVED

Sohil
9/25/2017 6:21:26 PM



#87
Benzo(b)fluoranthene
Concen: 2.112 ng m
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098722.D
Acq: 23 Sep 2017 3:24

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	29902		
253	22.1	17.0	25.6	
125	15.4	9.0	13.6#	

