

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098750.D
 Acq On : 23 Sep 2017 20:29
 Operator : SJ/JU
 Sample : I5340-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-012

Manual Integrations
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Quant Time: Sep 25 07:31:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	155818	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	615831	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	243956	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	351030	20.00	ng	0.00
75) Chrysene-d12	14.08	240	253019	20.00	ng	0.00
86) Perylene-d12	15.57	264	245299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1230244	125.69	ng	0.00
7) Phenol-d6	6.55	99	1472589	121.96	ng	0.00
23) Nitrobenzene-d5	7.49	82	892513	92.94	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	220045	110.23	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1442451	98.71	ng	0.00
78) Terphenyl-d14	13.03	244	870161	78.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.67	163	204681	11.116	ng	99
70) Phenanthrene	11.47	178	53264	2.835	ng	98
74) Fluoranthene	12.66	202	92514	4.862	ng	96
77) Pyrene	12.89	202	88877	4.607	ng	100
80) Benzo(a)anthracene	14.07	228	41183	2.688	ng	94
82) Chrysene	14.10	228	42615	2.922	ng	96
85) Indeno(1,2,3-cd)pyrene	17.07	276	23491	2.013	ng	97
87) Benzo(b)fluoranthene	15.13	252	58539m	3.881	ng	
89) Benzo(a)pyrene	15.50	252	39439	2.849	ng	# 92
91) Benzo(g,h,i)perylene	17.52	276	23277	2.125	ng	# 91

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

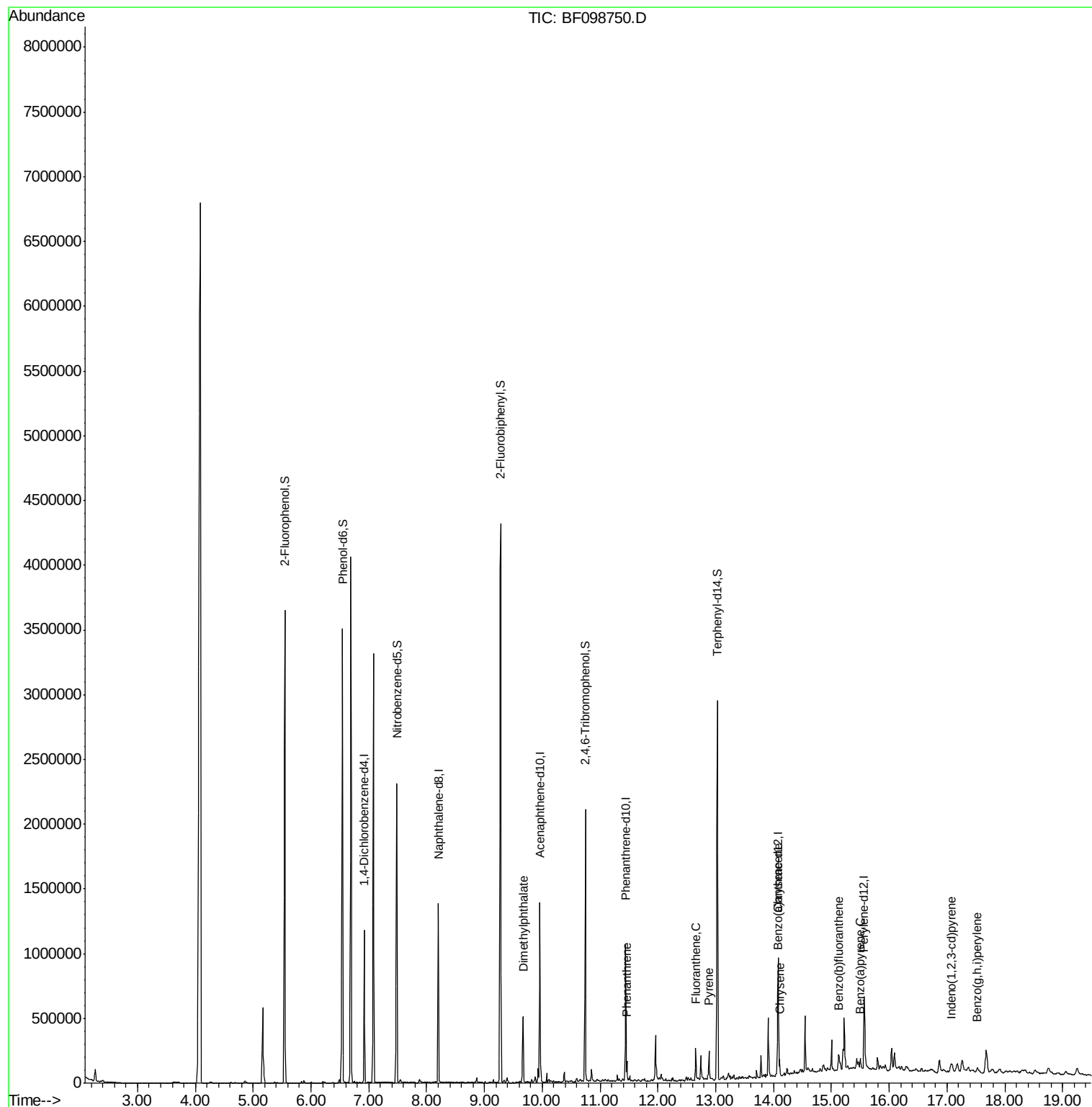
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098750.D
Acq On : 23 Sep 2017 20:29
Operator : SJ/JU
Sample : I5340-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

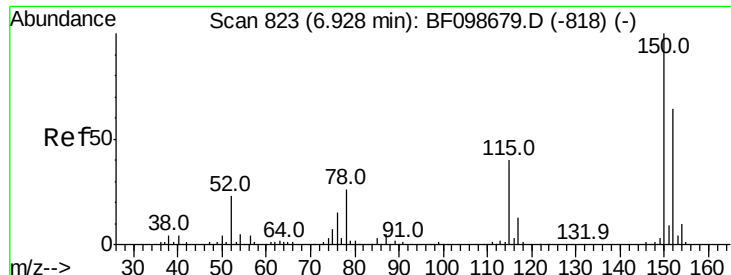
Instrument :
BNA_F
ClientSampleId :
LT-TS-012

Quant Time: Sep 25 07:31:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

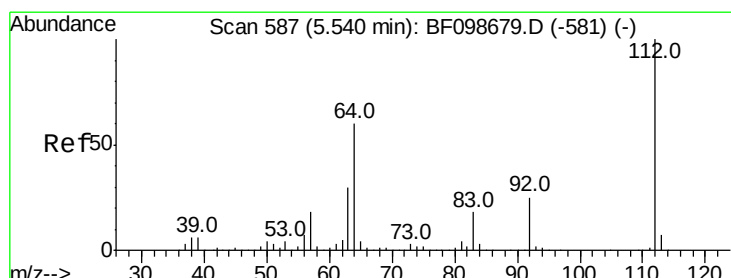
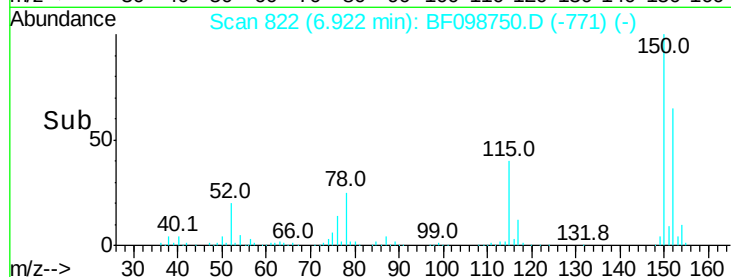
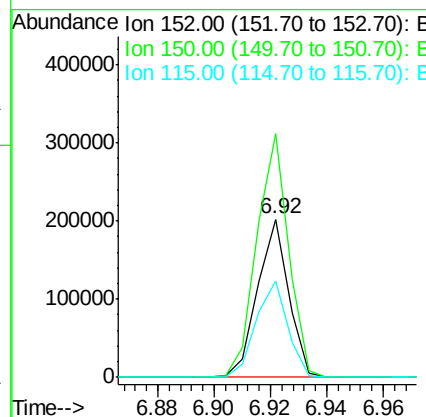
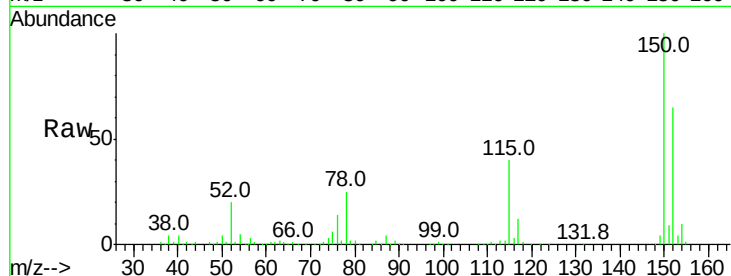
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :
LT-TS-012

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	60.9	50.1	75.1

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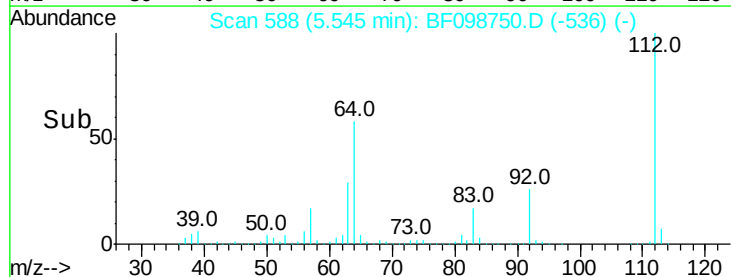
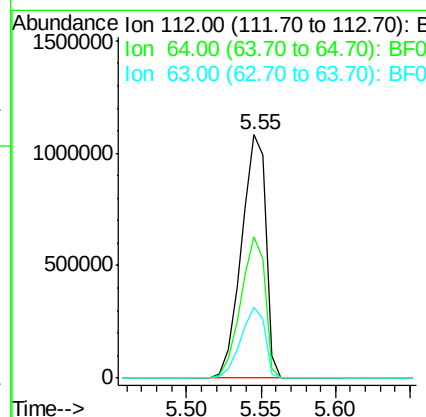
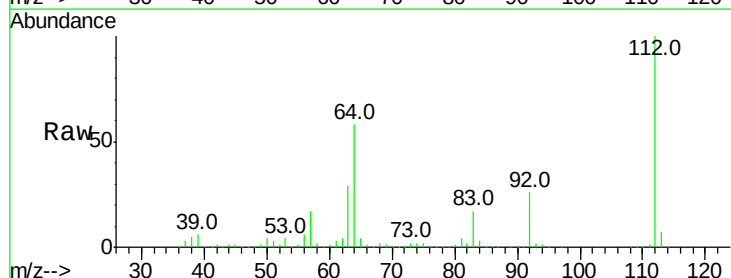
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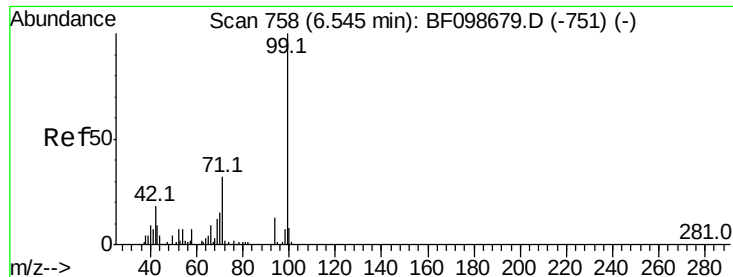


#5

2-Fluorophenol
Concen: 125.687 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	29.3	23.7	35.5





#7

Phenol-d6

Concen: 121.955 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098750.D

Acq: 23 Sep 2017 20:29

Instrument :

BNA_F

ClientSampleId :

LT-TS-012

Tot Ion: 99 Resp: 1472589

Ion Ratio Lower Upper

99 100

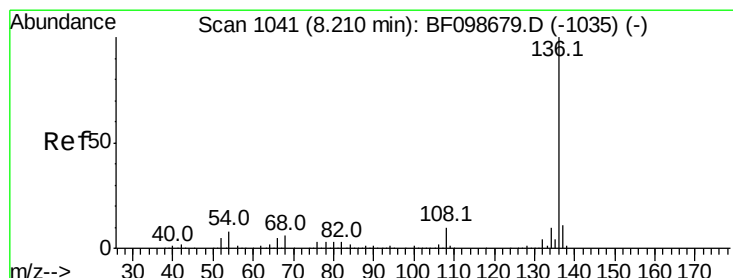
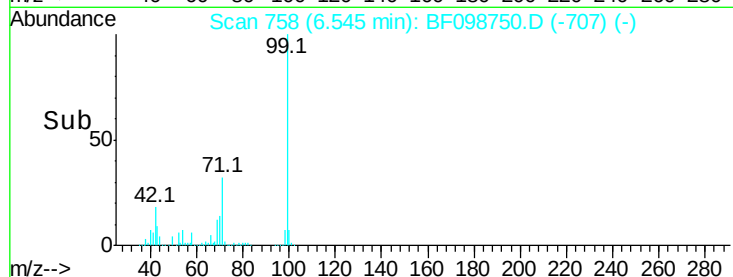
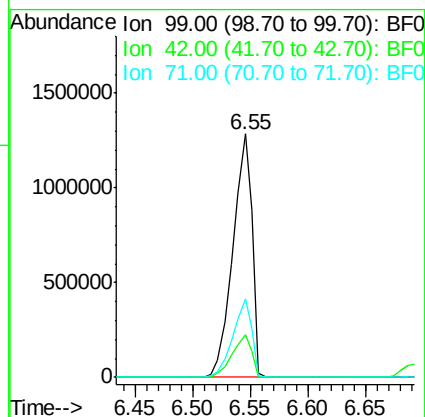
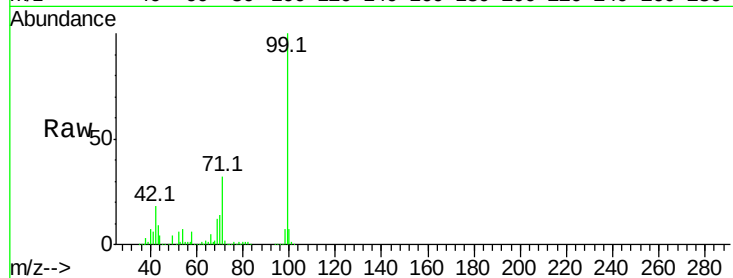
42 17.5 14.5 21.7

71 32.2 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF098750.D

Acq: 23 Sep 2017 20:29

Tgt Ion: 136 Resp: 615831

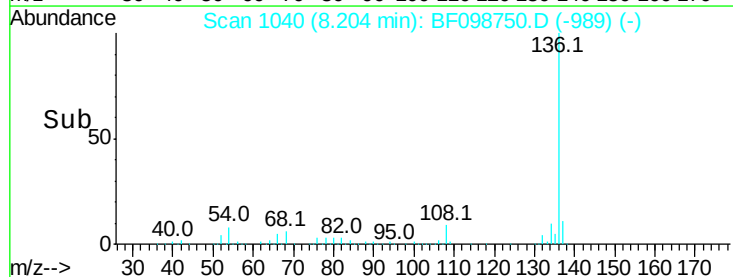
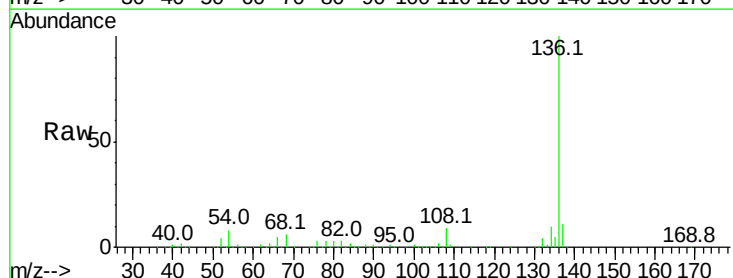
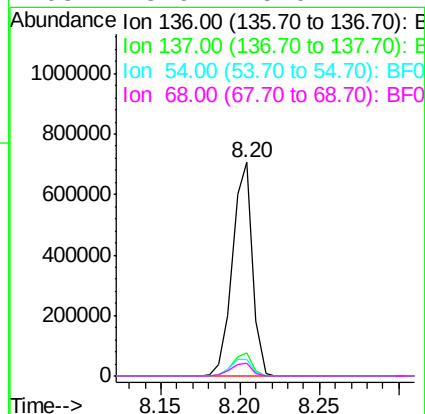
Ion Ratio Lower Upper

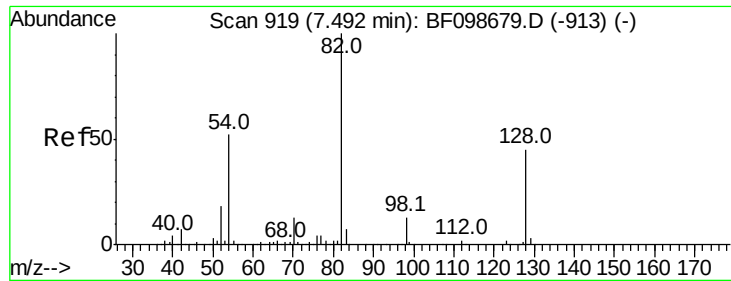
136 100

137 10.9 8.9 13.3

54 7.6 6.6 9.8

68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 92.943 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF098750.D

Acq: 23 Sep 2017 20:29

Instrument :

BNA_F

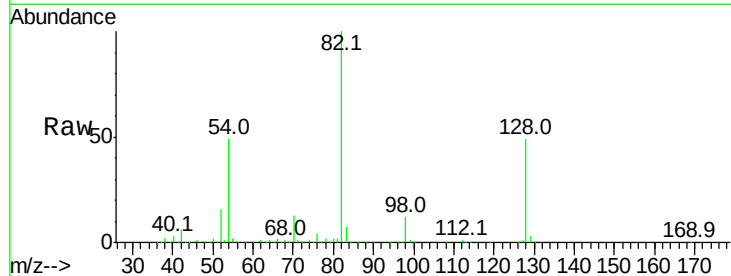
ClientSampled :

LT-TS-012

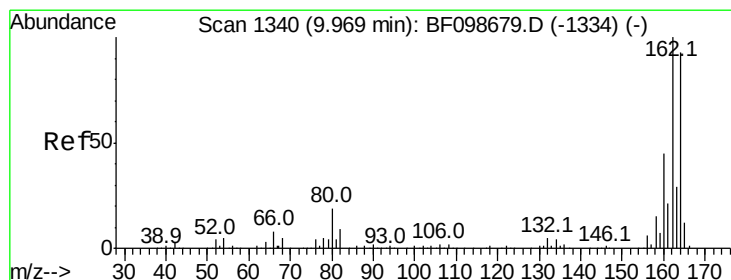
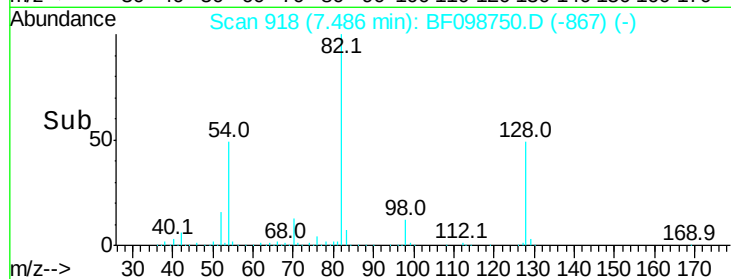
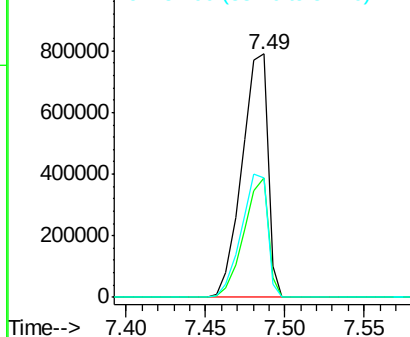
Tot Ion:	82	Resp:	892513
Ion Ratio	Lower	Upper	
82	100		
128	49.2	36.1	54.1
54	49.3	41.4	62.2

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1338

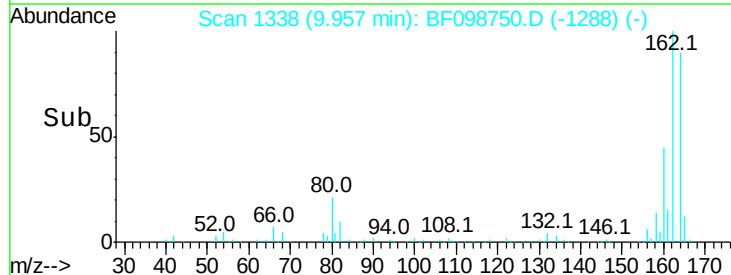
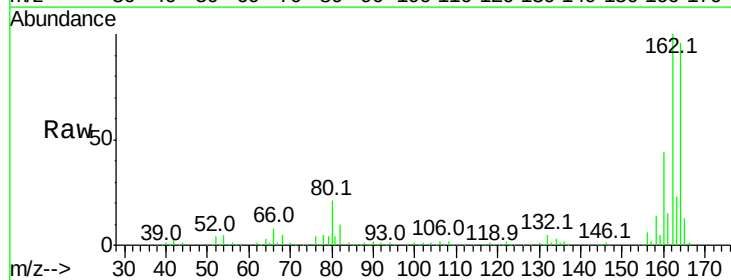
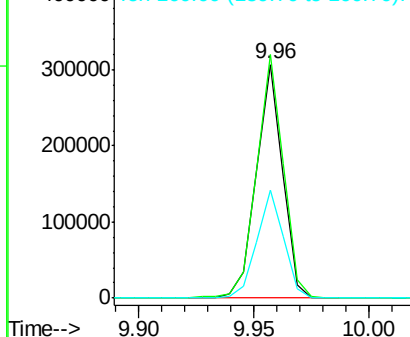
Delta R.T. -0.01 min

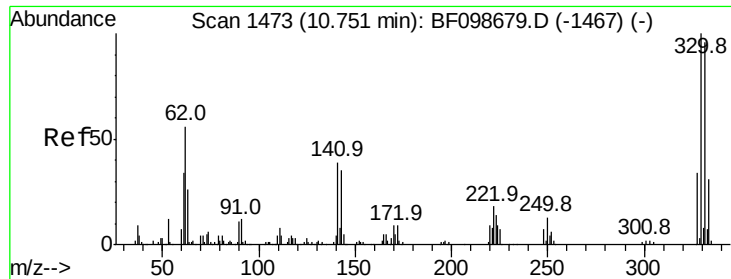
Lab File: BF098750.D

Acq: 23 Sep 2017 20:29

Tgt Ion:	164	Resp:	243956
Ion Ratio	Lower	Upper	
164	100		
162	104.3	86.1	129.1
160	46.2	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





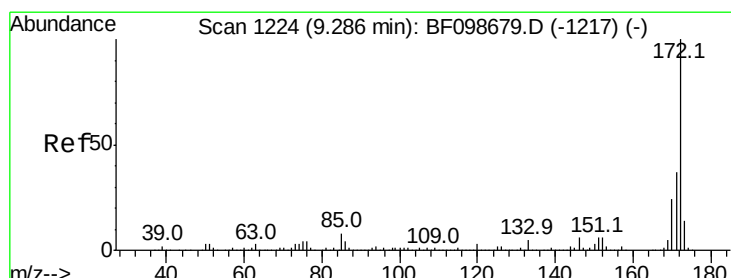
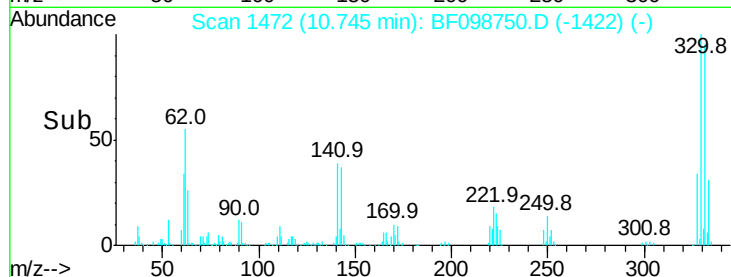
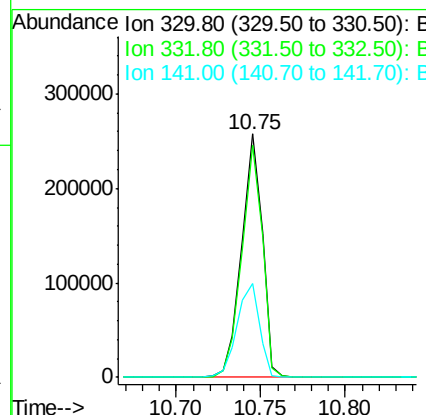
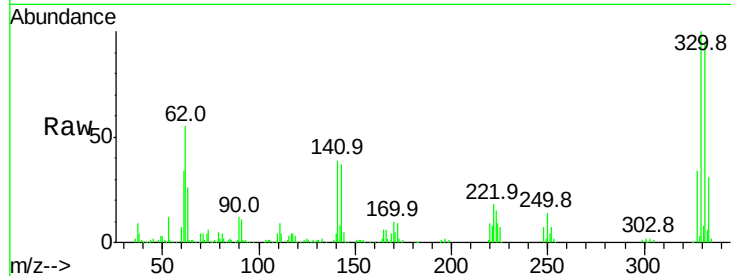
#41
 2,4,6-Tribromophenol
 Concen: 110.231 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098750.D
 Acq: 23 Sep 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-012

Tot Ion	Ratio	Resp	Lower	Upper
330	100	220045		
332	95.0		77.0	115.6
141	42.0		29.9	44.9

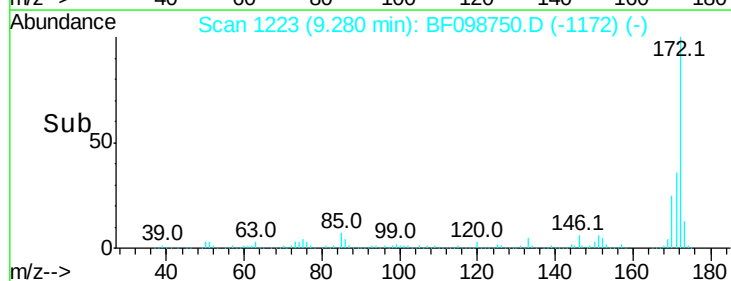
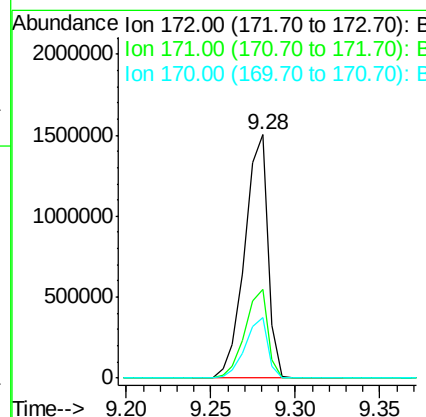
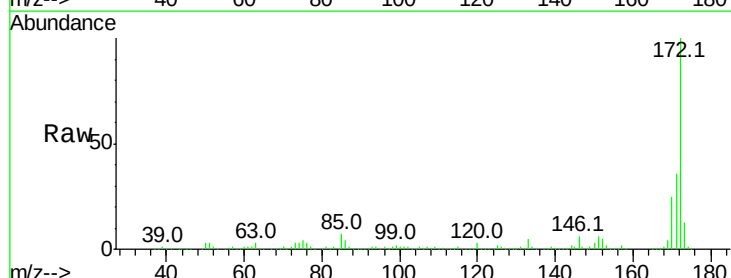
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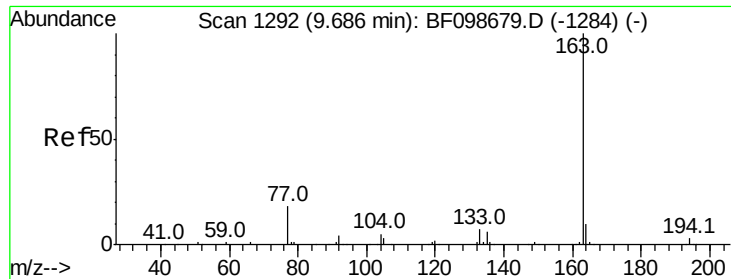
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#44
 2-Fluorobiphenyl
 Concen: 98.708 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF098750.D
 Acq: 23 Sep 2017 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1442451		
171	36.2		29.7	44.5
170	24.6		19.6	29.4





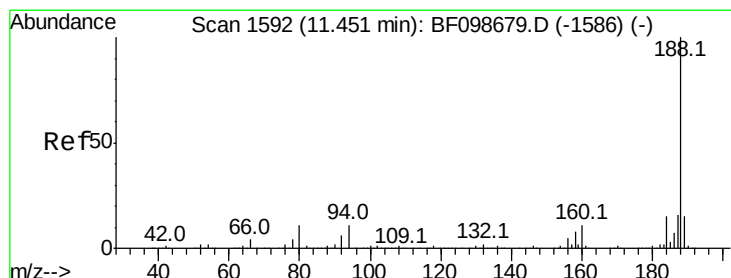
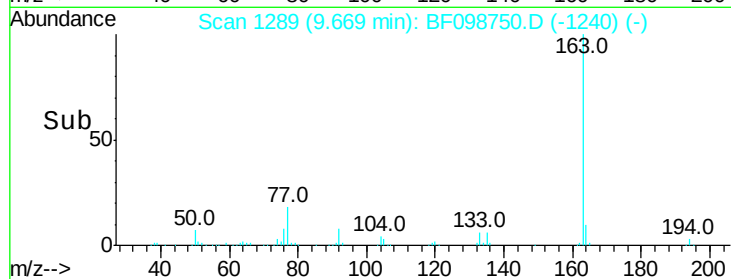
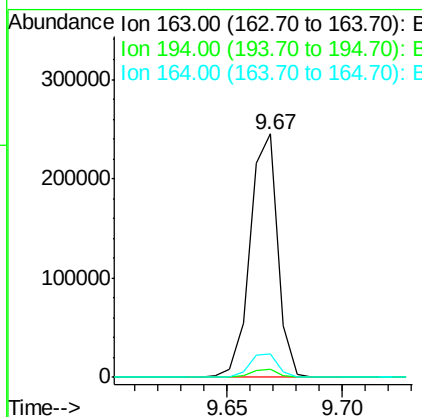
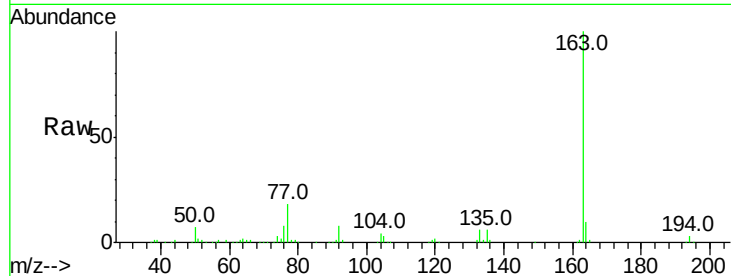
#49
 Dimethylphthalate
 Concen: 11.116 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF098750.D
 Acq: 23 Sep 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-012

Tot Ion:	163	Resp:	204681
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	9.6	8.2	12.2

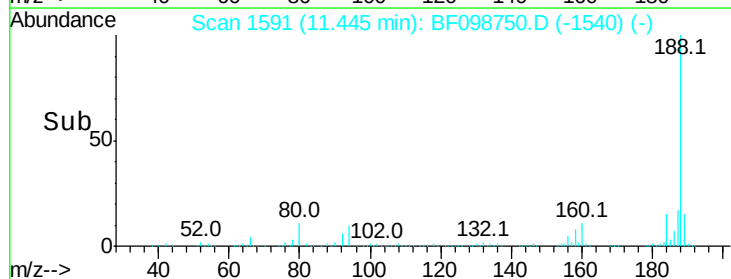
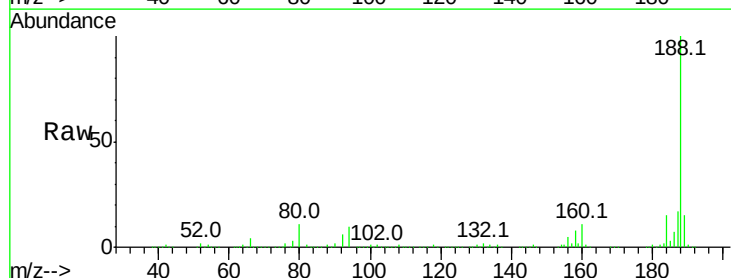
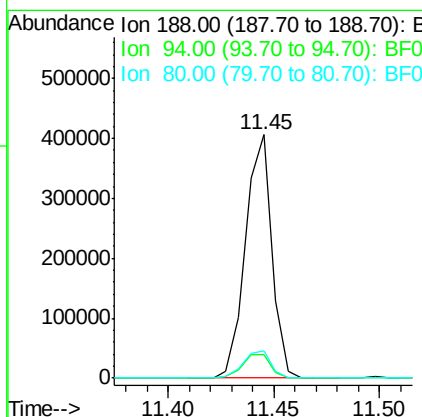
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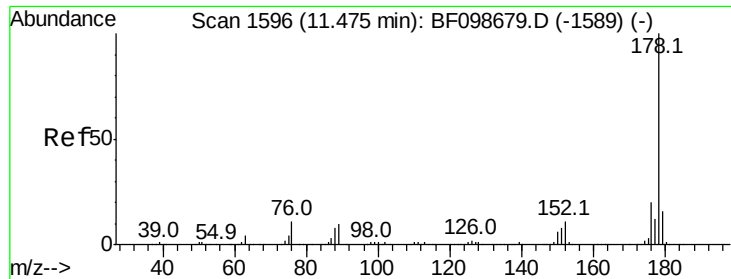
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF098750.D
 Acq: 23 Sep 2017 20:29

Tgt Ion:	188	Resp:	351030
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.5	12.7
80	11.3	9.2	13.8





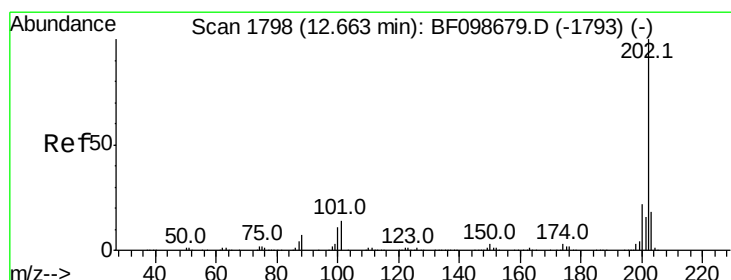
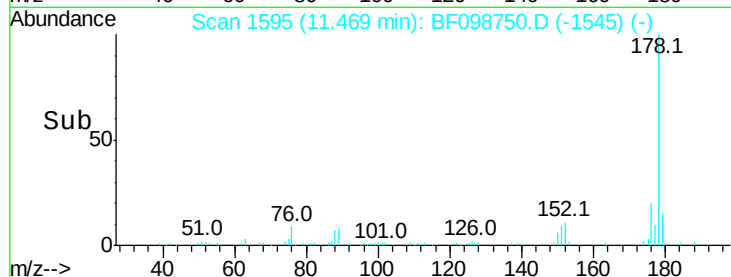
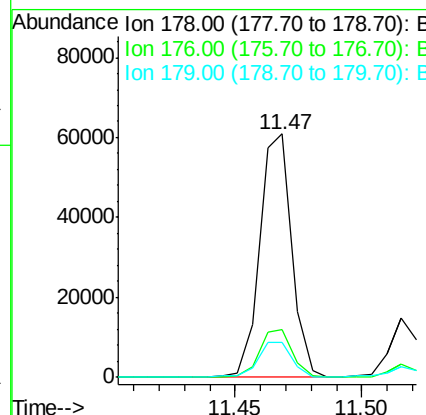
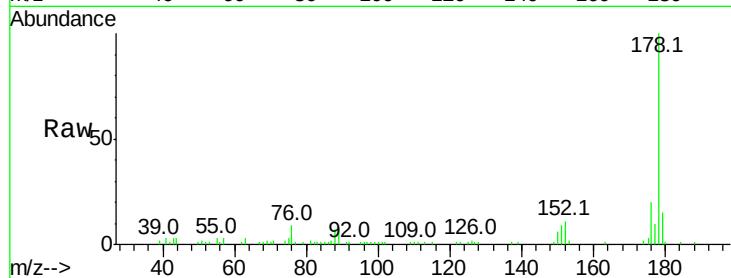
#70
Phenanthrene
Concen: 2.835 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :
LT-TS-012

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	14.6	13.0	19.6

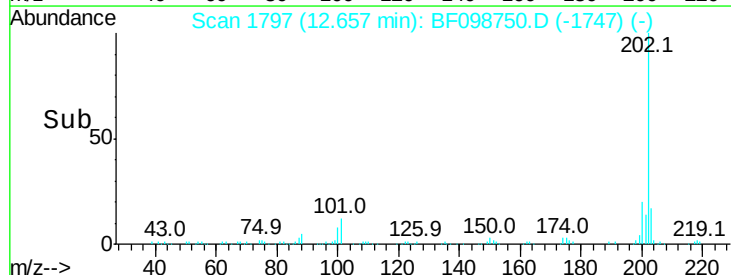
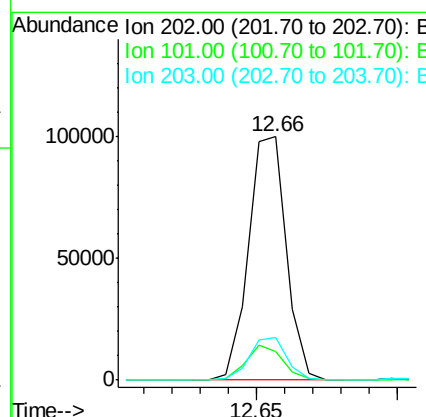
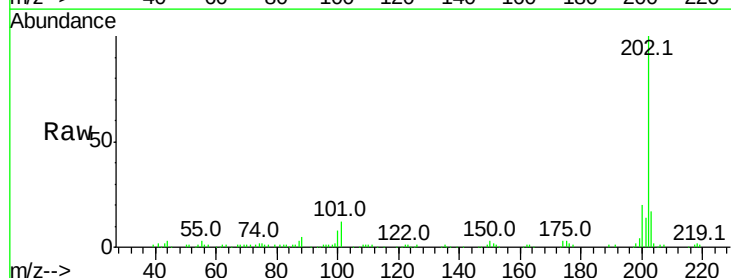
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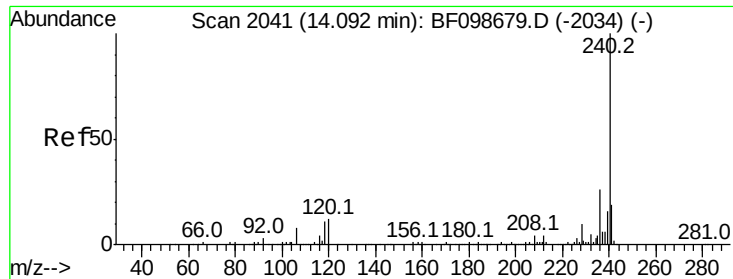
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#74
Fluoranthene
Concen: 4.862 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098750.D

Acq: 23 Sep 2017 20:29

Instrument :

BNA_F

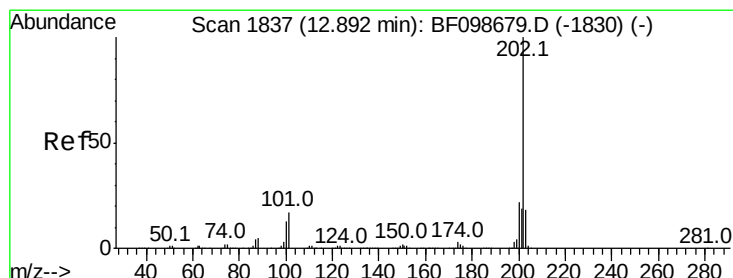
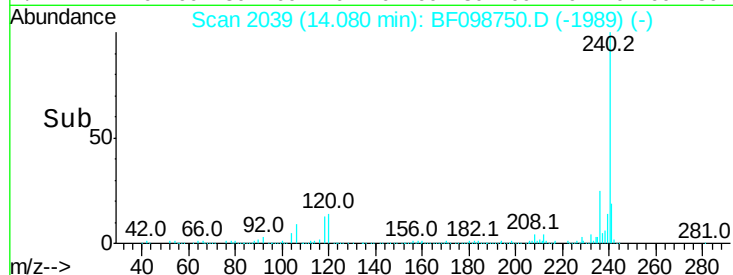
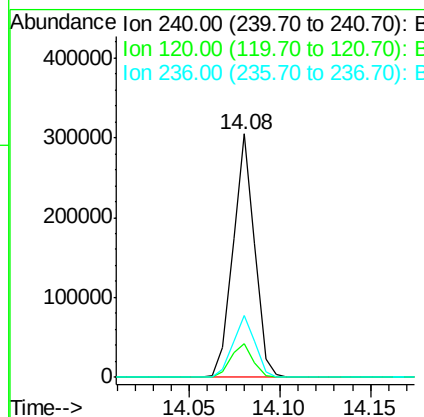
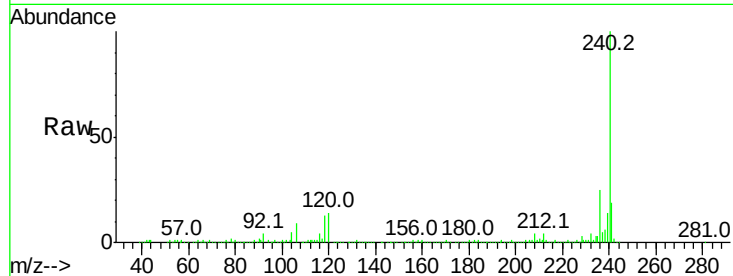
ClientSampled :

LT-TS-012

Tot Ion:	240	Resp:	253019
Ion Ratio	Lower	Upper	
240	100		
120	14.0	9.5	14.3
236	25.4	20.7	31.1

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#77

Pyrene

Concen: 4.607 ng

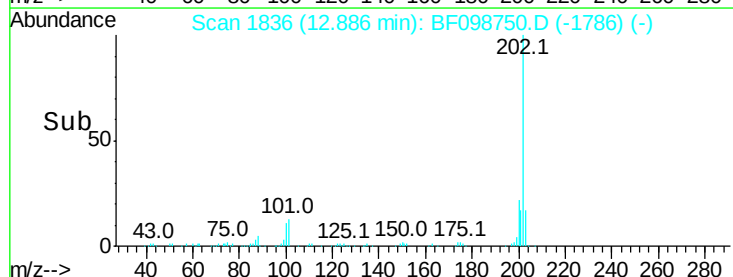
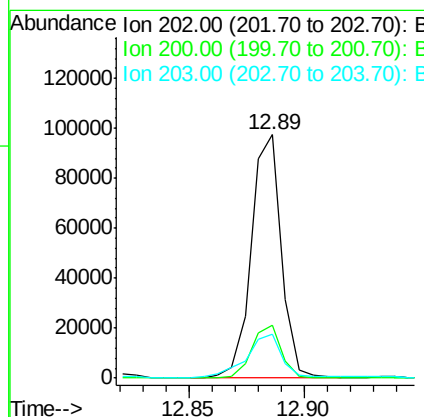
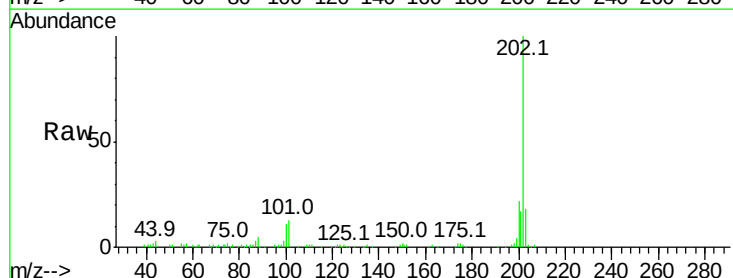
RT: 12.89 min Scan# 1836

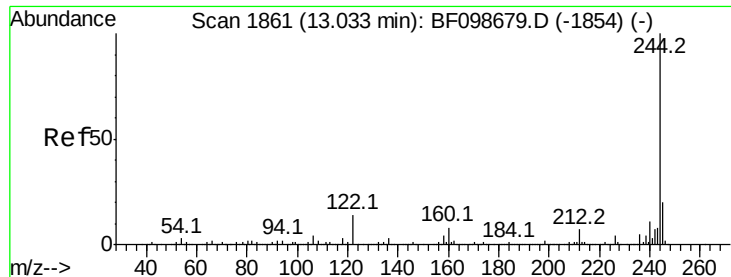
Delta R.T. -0.01 min

Lab File: BF098750.D

Acq: 23 Sep 2017 20:29

Tgt Ion:	202	Resp:	88877
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.4	26.2
203	17.8	14.3	21.5





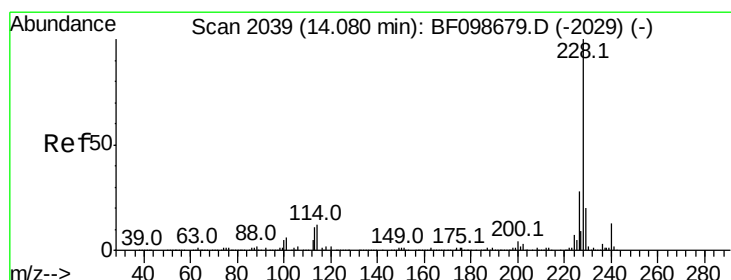
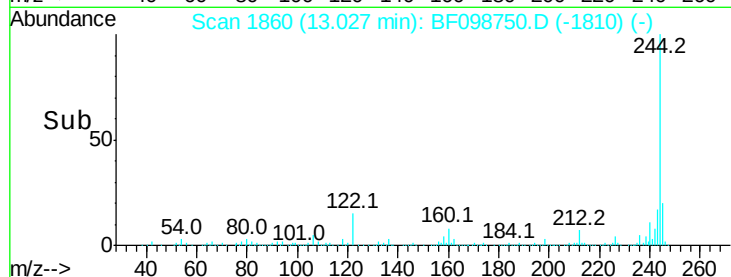
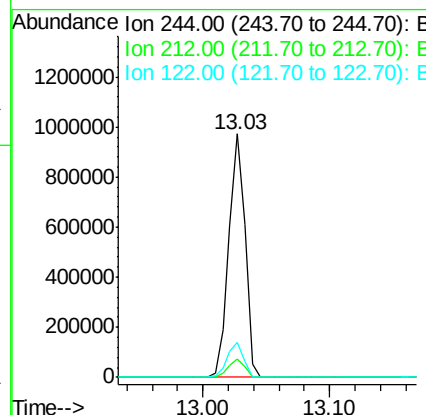
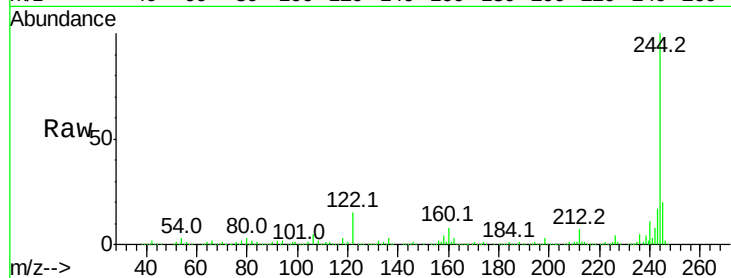
#78
 Terphenyl-d14
 Concen: 78.212 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098750.D
 Acq: 23 Sep 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-012

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	14.6	11.0	16.4

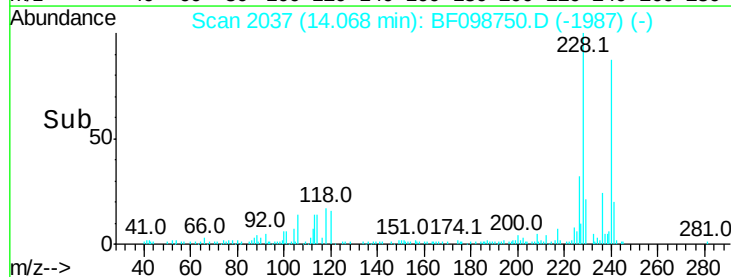
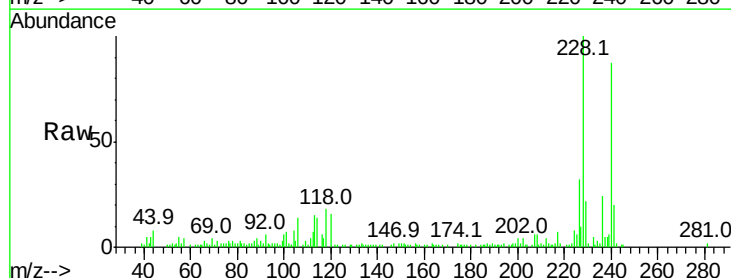
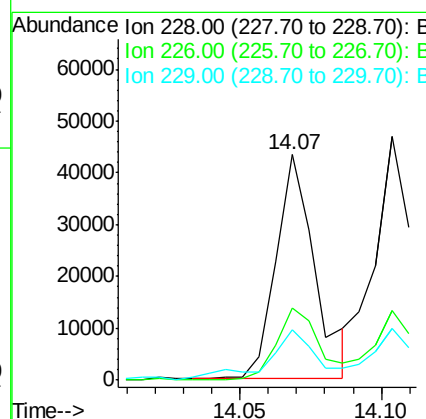
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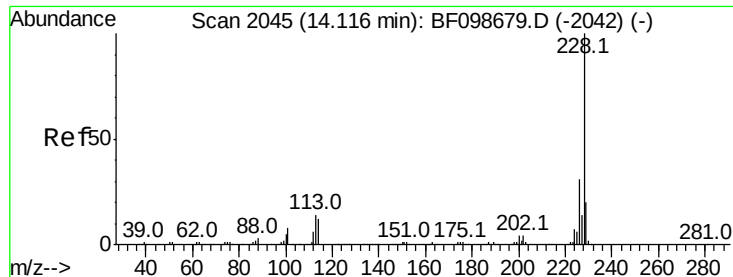
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#80
 Benzo(a)anthracene
 Concen: 2.688 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF098750.D
 Acq: 23 Sep 2017 20:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.6	33.8
229	22.0	15.8	23.6





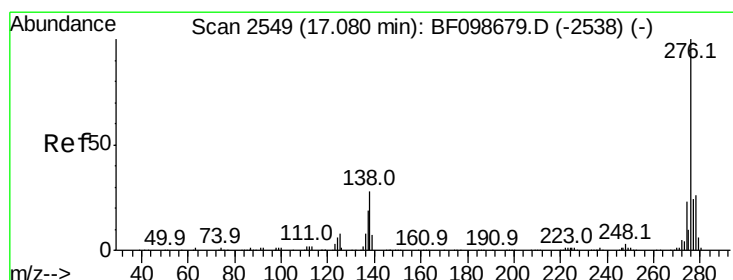
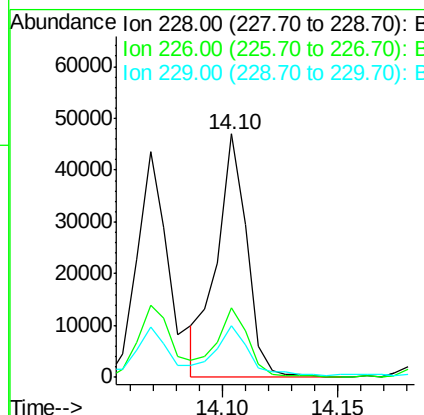
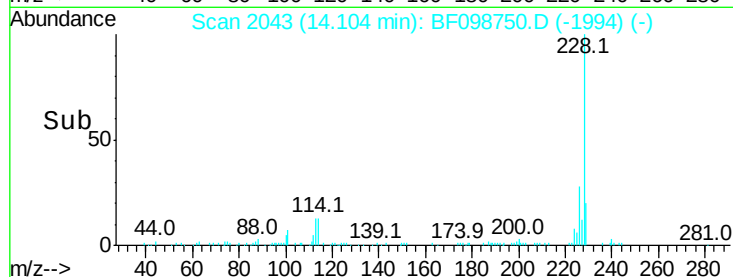
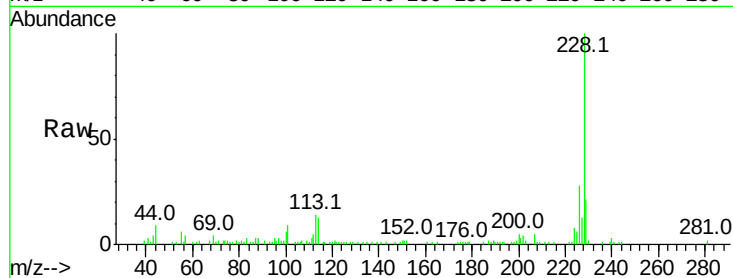
#82
Chrysene
Concen: 2.922 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :
LT-TS-012

Tot Ion:228	Resp:	42615
Ion Ratio	Lower	Upper
228 100		
226 28.4	25.0	37.6
229 21.4	16.2	24.4

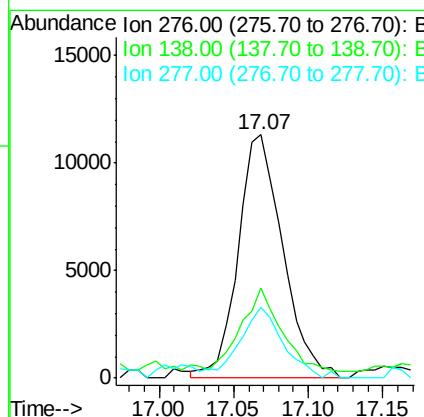
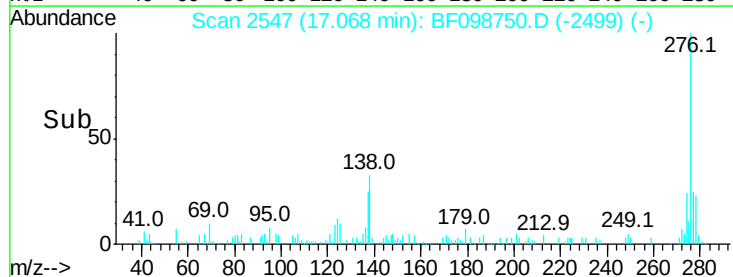
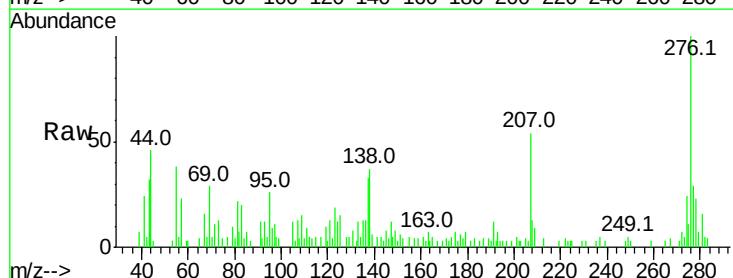
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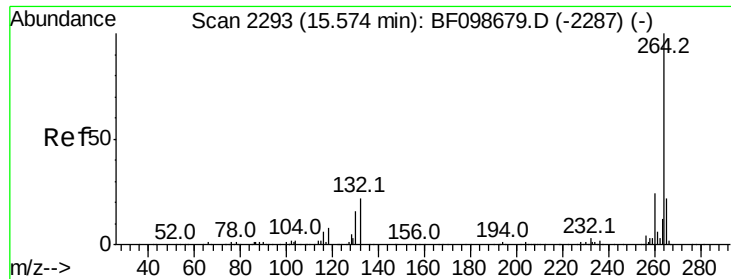
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.013 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.02 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:276	Resp:	23491
Ion Ratio	Lower	Upper
276 100		
138 32.6	25.0	37.6
277 27.5	20.1	30.1





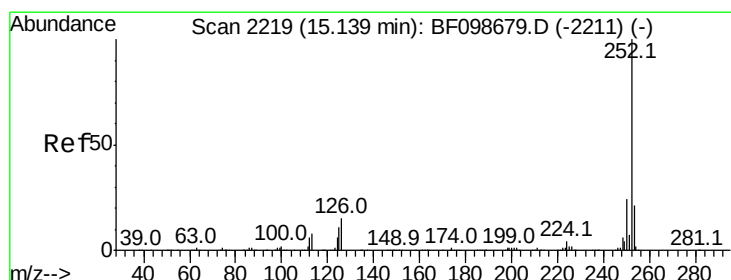
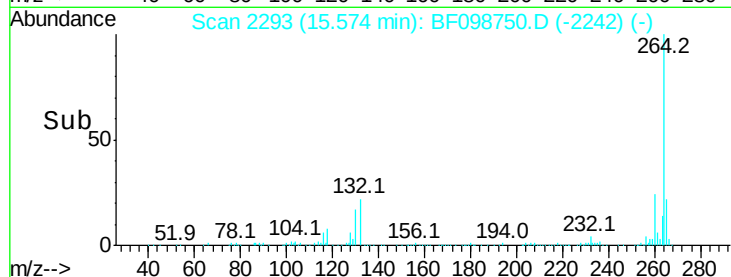
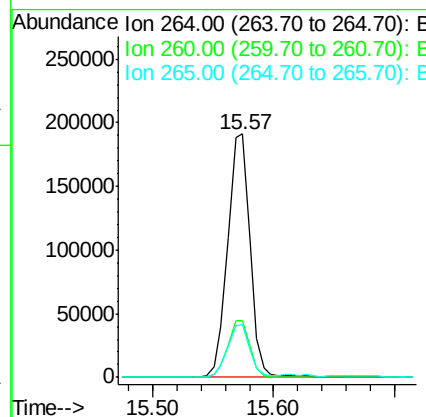
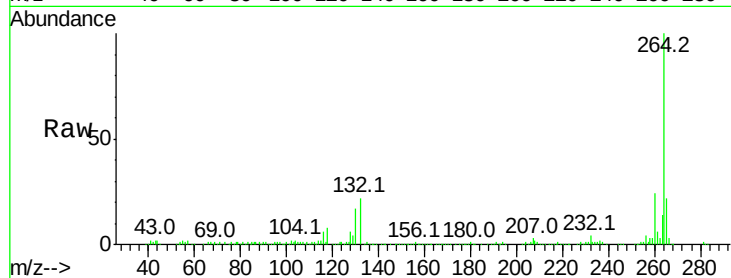
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampled :
LT-TS-012

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	17.5	26.3

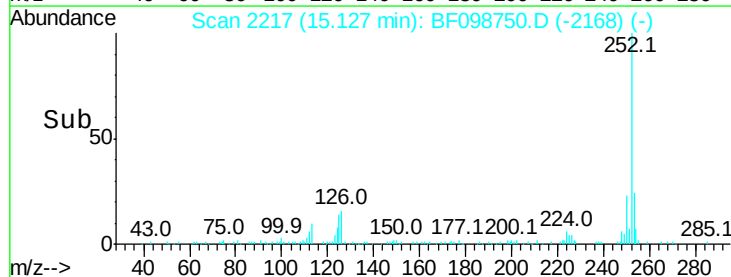
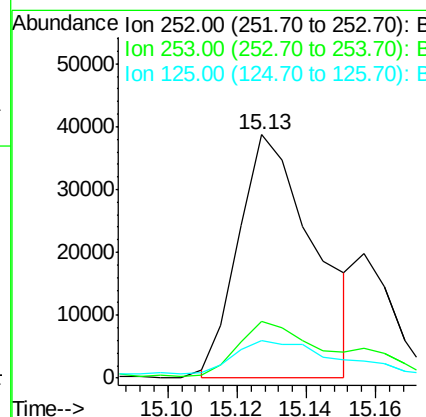
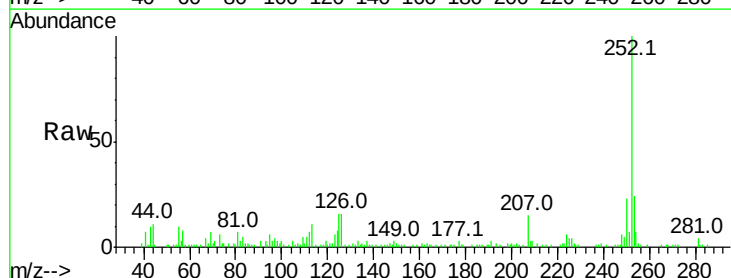
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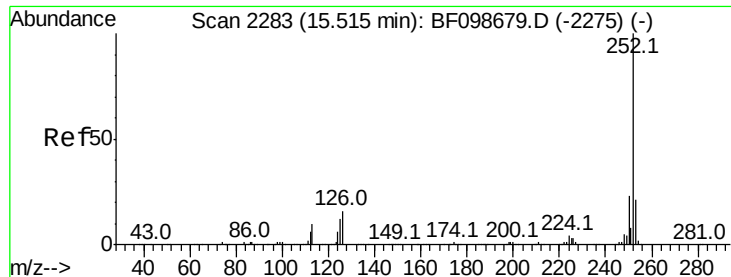
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#87
Benzo(b)fluoranthene
Concen: 3.881 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	15.5	9.0	13.6#





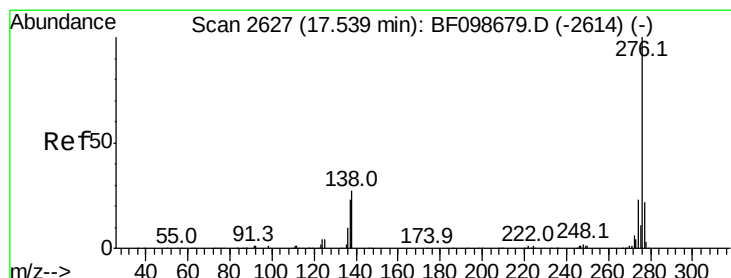
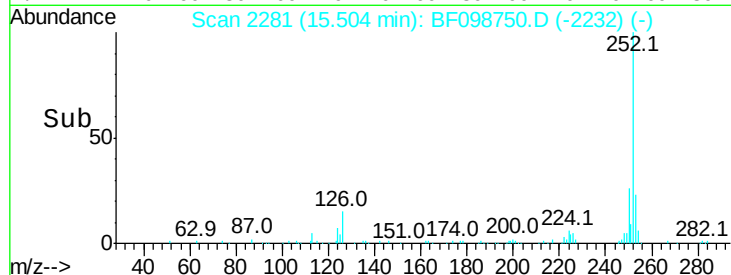
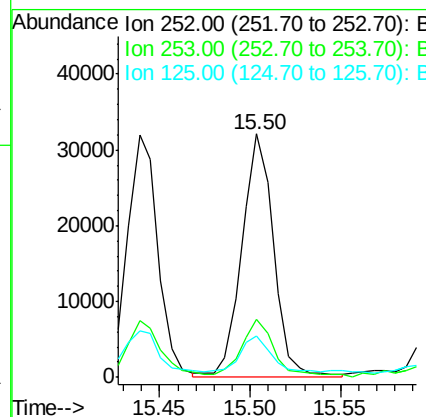
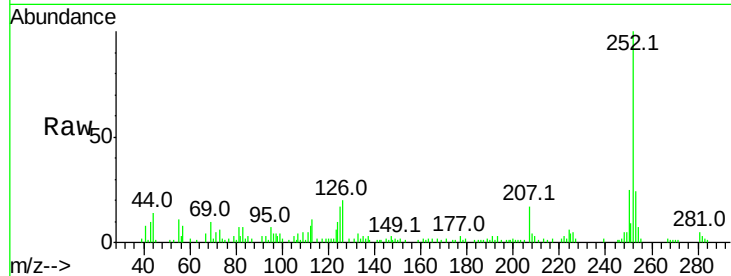
#89
Benzo(a)pyrene
Concen: 2.849 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :
LT-TS-012

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	17.0	9.8	14.6

Manual Integrations
APPROVED

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9/25/2017 6:26:28 PM



#91
Benzo(g,h,i)perylene
Concen: 2.125 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.02 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	33.3	21.8	32.8

