

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098748.D
 Acq On : 23 Sep 2017 19:32
 Operator : SJ/JU
 Sample : I5340-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-010

Manual Integrations
 APPROVED

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

Quant Time: Sep 25 15:06:00 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	151246	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	611039	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	249588	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	349540	20.00	ng	0.00
75) Chrysene-d12	14.08	240	243720	20.00	ng	0.00
86) Perylene-d12	15.57	264	258474	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1235678	130.06	ng	0.00
7) Phenol-d6	6.55	99	1483455	126.57	ng	0.00
23) Nitrobenzene-d5	7.49	82	905620	95.05	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	221239	108.33	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1433420	95.88	ng	0.00
78) Terphenyl-d14	13.03	244	829928	77.44	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.67	163	239141	12.695	ng	99
74) Fluoranthene	12.66	202	54759	2.890	ng	93
77) Pyrene	12.89	202	52730	2.837	ng	96
87) Benzo(b)fluoranthene	15.13	252	34472m	2.169	ng	

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

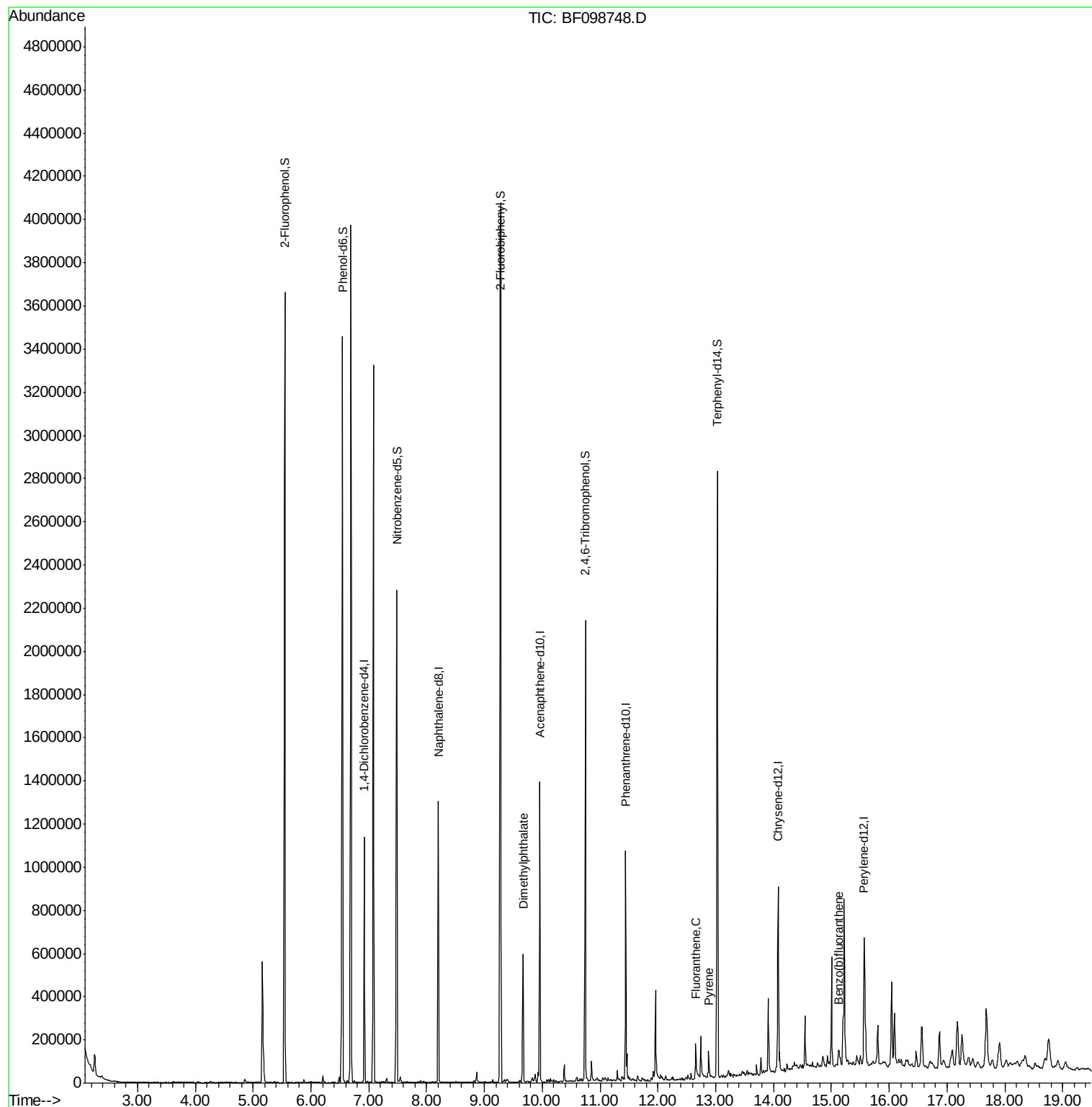
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
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ALS Vial : 12 Sample Multiplier: 1

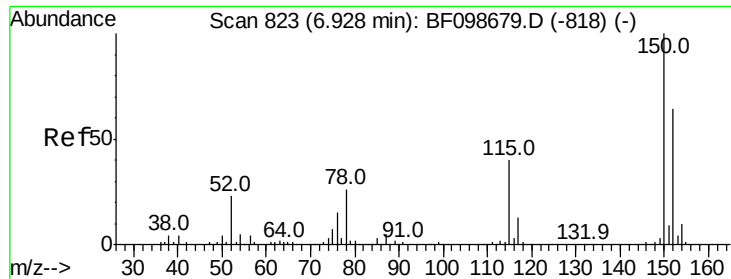
Instrument :
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LT-TS-010

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#1

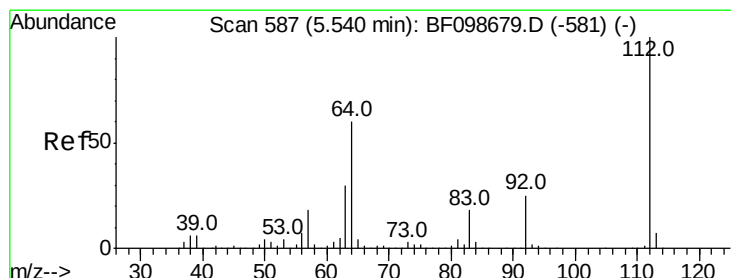
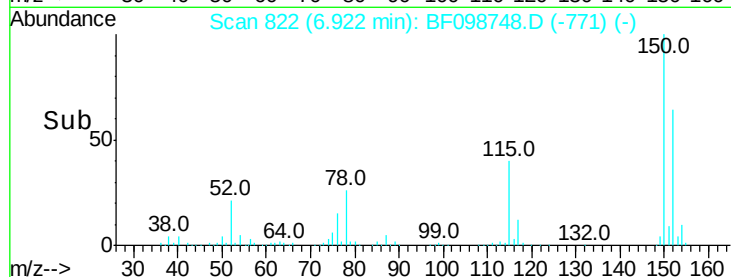
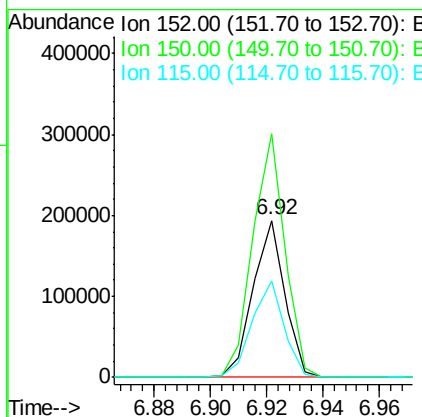
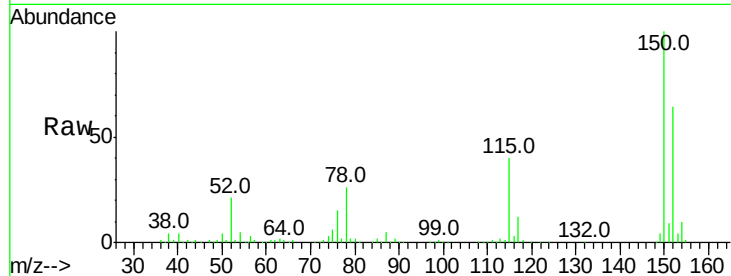
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :
LT-TS-010

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	61.5	50.1	75.1

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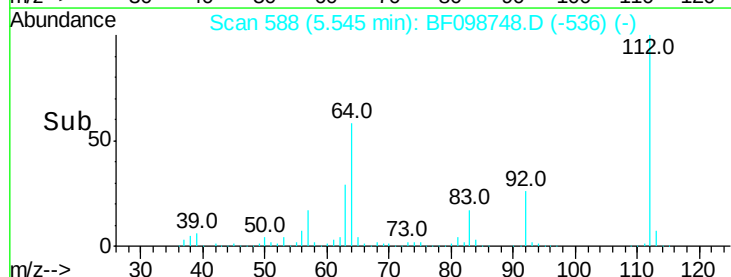
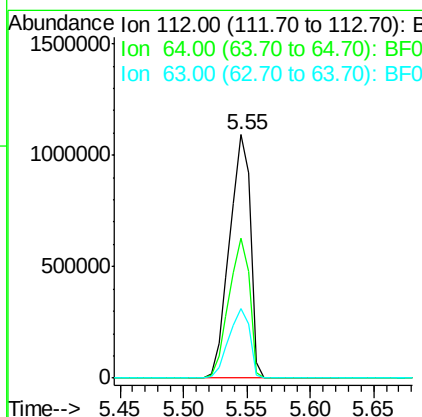
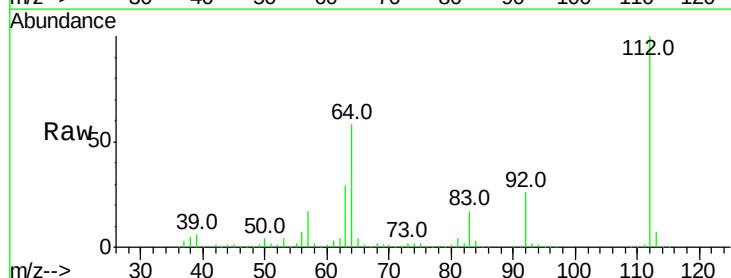
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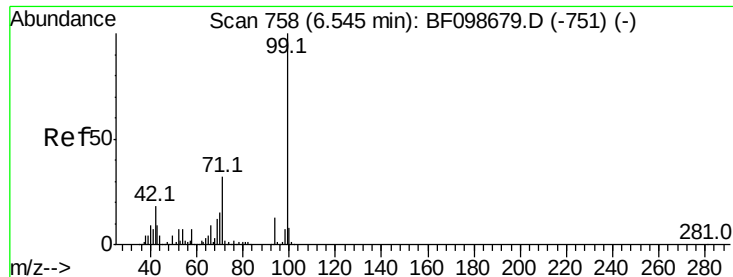


#5

2-Fluorophenol
Concen: 130.058 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	28.8	23.7	35.5





#7

Phenol-d6

Concen: 126.569 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098748.D

Acq: 23 Sep 2017 19:32

Instrument :

BNA_F

ClientSampleId :

LT-TS-010

Tot Ion: 99 Resp: 1483455

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

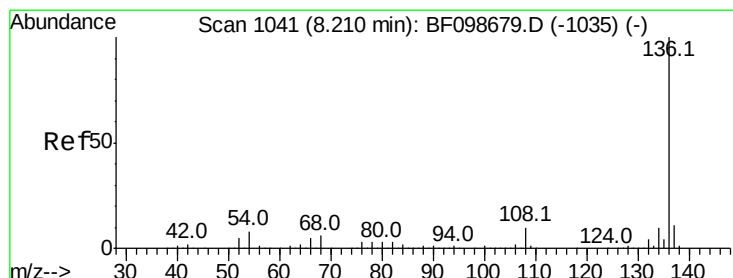
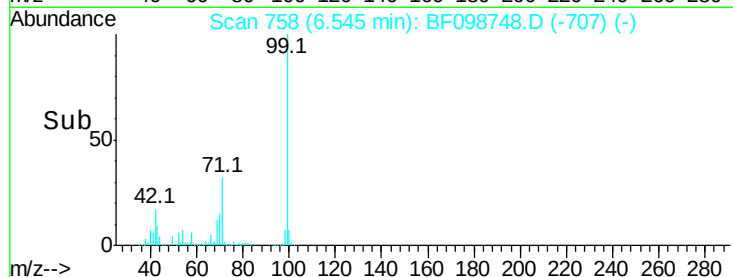
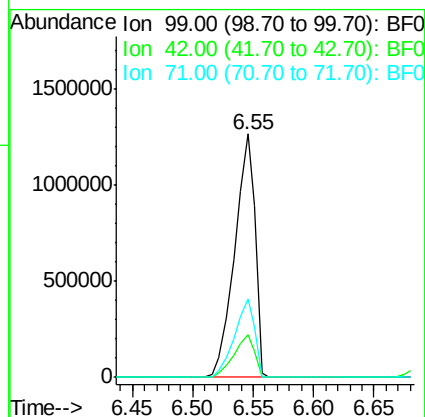
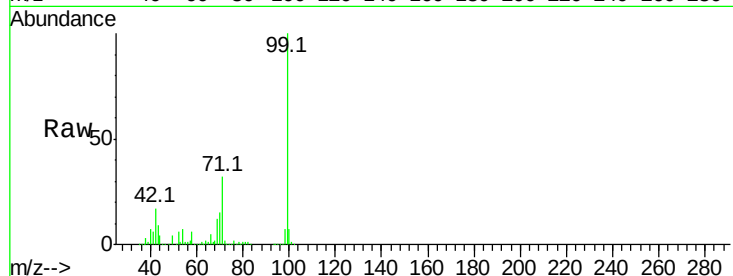
71 32.0 25.4 38.0

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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: BF098748.D

Acq: 23 Sep 2017 19:32

Tgt Ion: 136 Resp: 611039

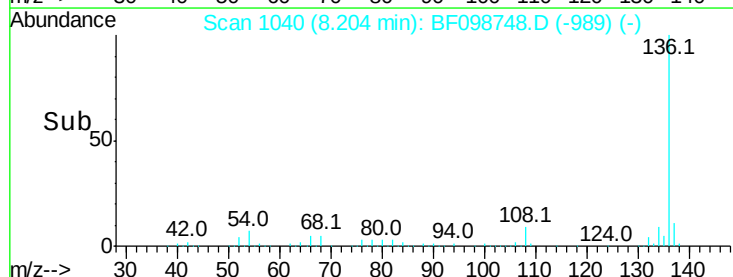
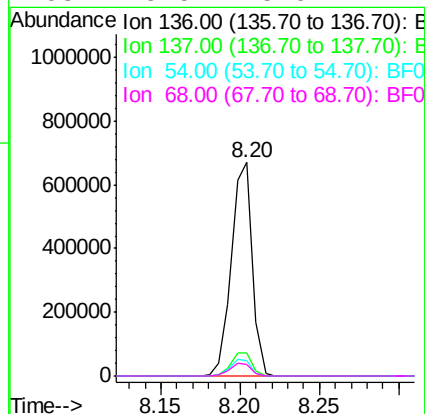
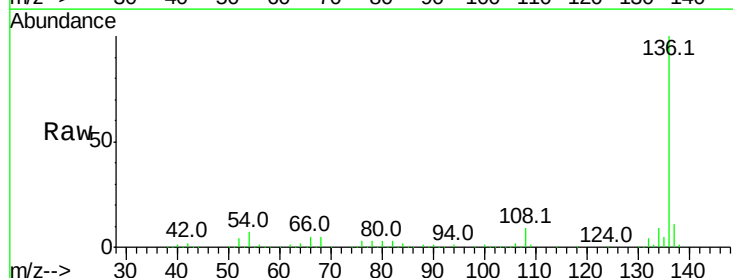
Ion Ratio Lower Upper

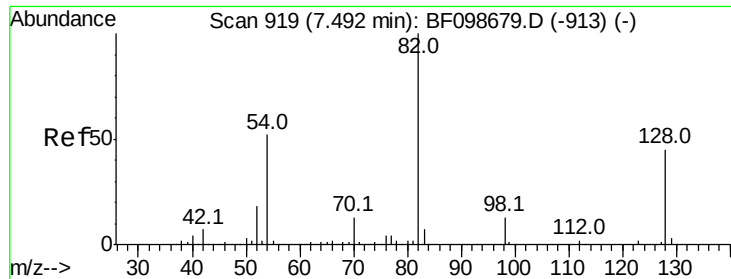
136 100

137 10.7 8.9 13.3

54 7.4 6.6 9.8

68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 95.047 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF098748.D

Acq: 23 Sep 2017 19:32

Instrument :

BNA_F

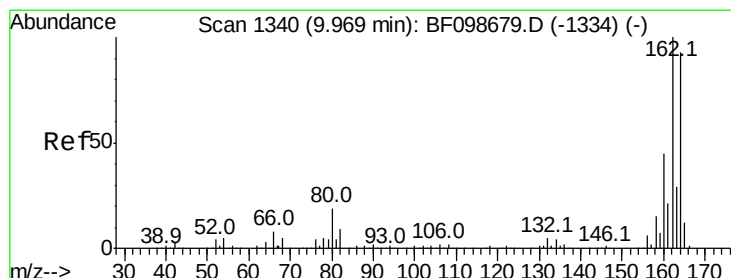
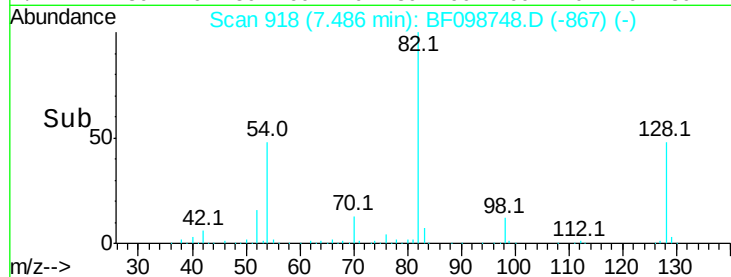
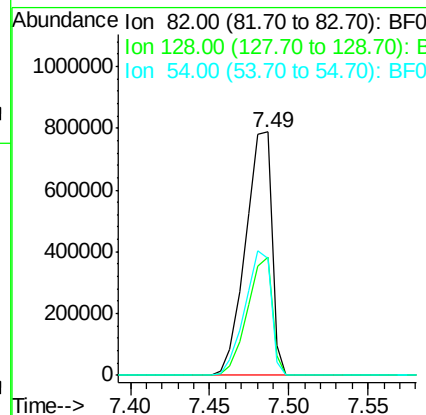
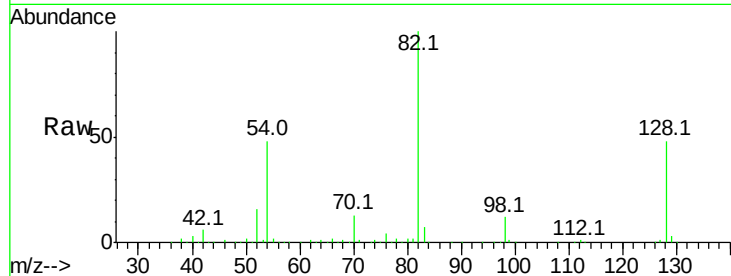
ClientSampleId :

LT-TS-010

Tot Ion:	82	Resp:	905620
Ion Ratio	Lower	Upper	
82	100		
128	48.3	36.1	54.1
54	48.2	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

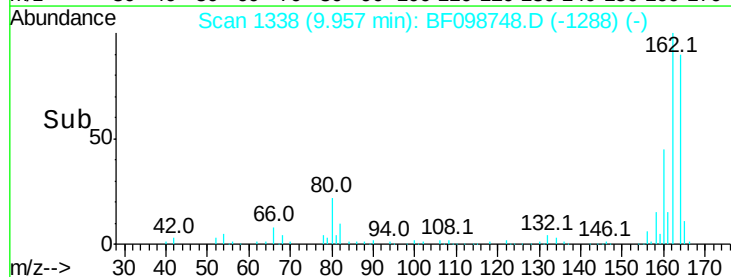
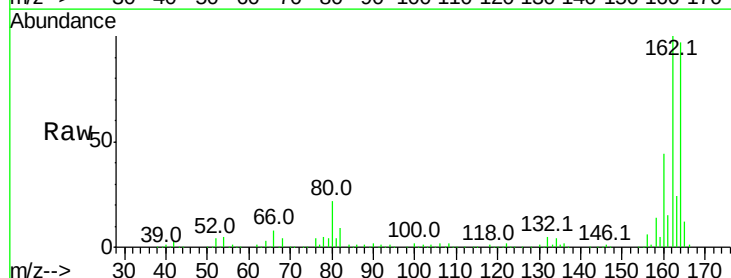
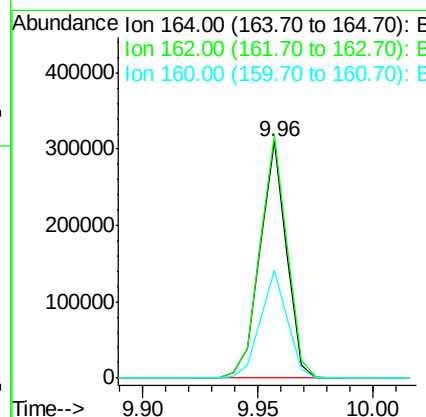
RT: 9.96 min Scan# 1338

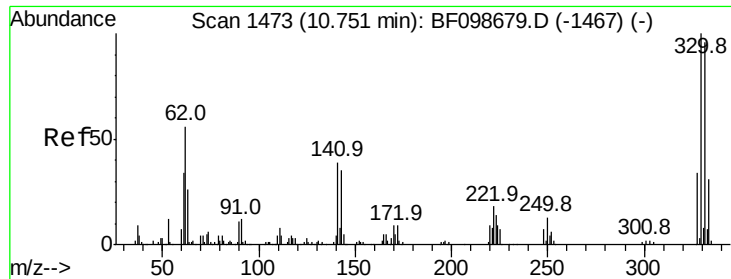
Delta R.T. -0.01 min

Lab File: BF098748.D

Acq: 23 Sep 2017 19:32

Tgt Ion:	164	Resp:	249588
Ion Ratio	Lower	Upper	
164	100		
162	102.7	86.1	129.1
160	45.4	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 108.328 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098748.D

Acq: 23 Sep 2017 19:32

Instrument :

BNA_F

ClientSampled :

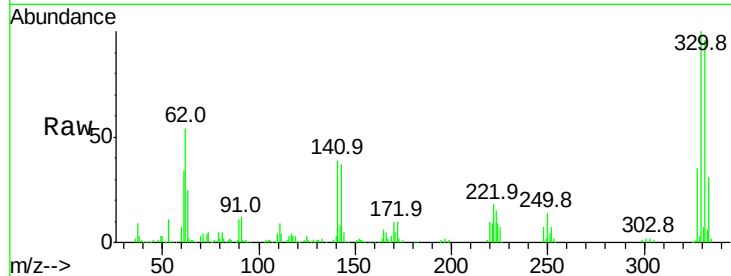
LT-TS-010

Tot Ion:	330	Resp:	221239
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.0	115.6
141	42.2	29.9	44.9

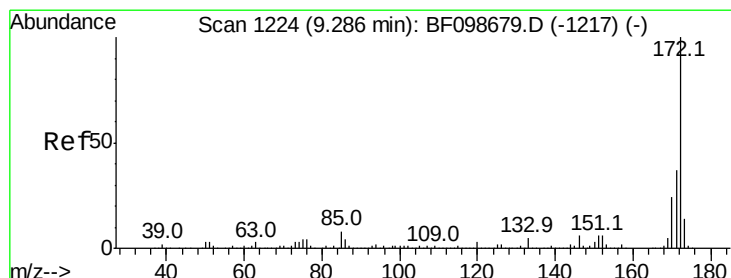
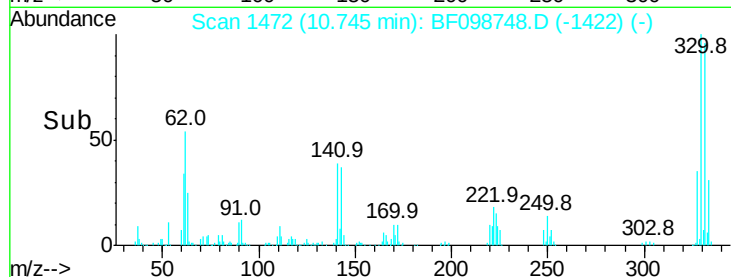
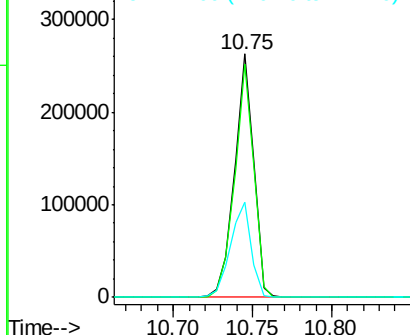
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 95.877 ng

RT: 9.28 min Scan# 1223

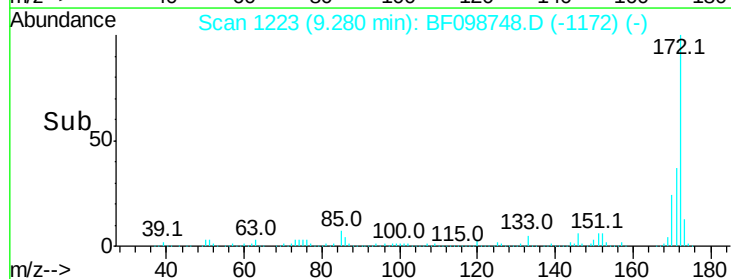
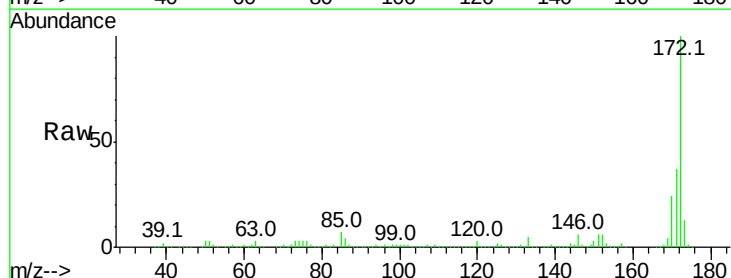
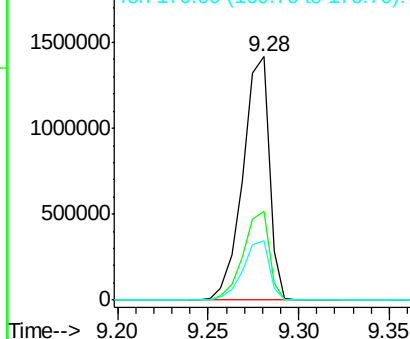
Delta R.T. -0.00 min

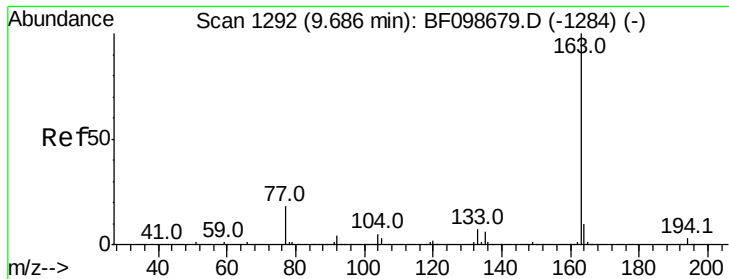
Lab File: BF098748.D

Acq: 23 Sep 2017 19:32

Tgt Ion:	172	Resp:	1433420
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4

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





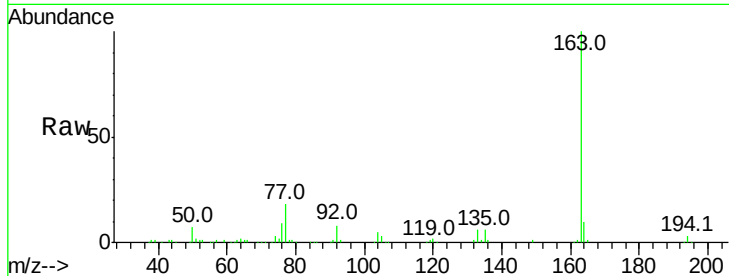
#49
Dimethylphthalate
Concen: 12.695 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :
LT-TS-010

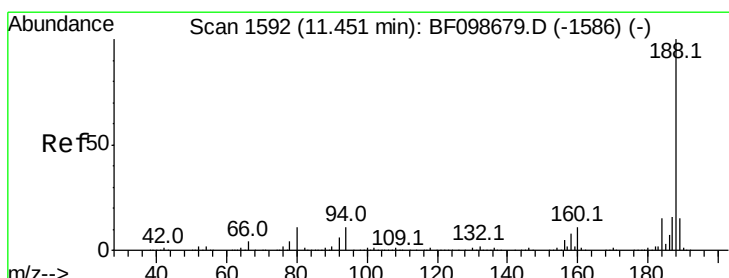
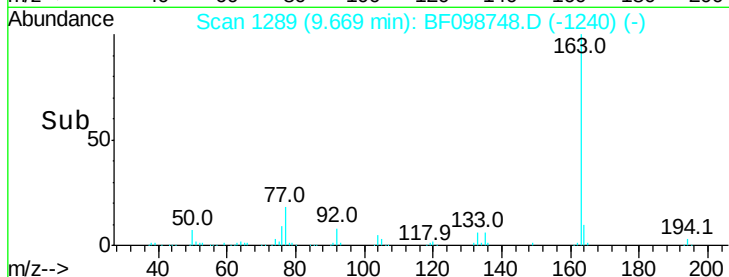
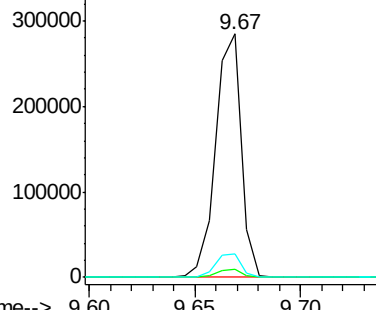
Tot Ion	Ratio	Resp	Lower	Upper
163	100	239141		
194	3.2	2.7	4.1	
164	9.8	8.2	12.2	

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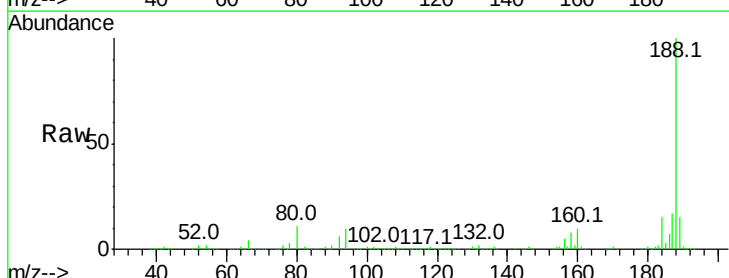


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

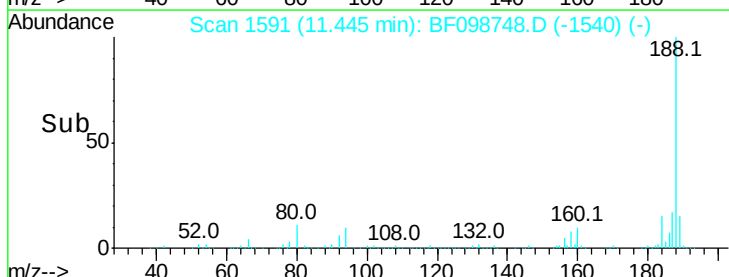
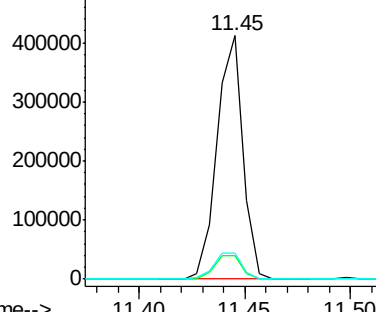


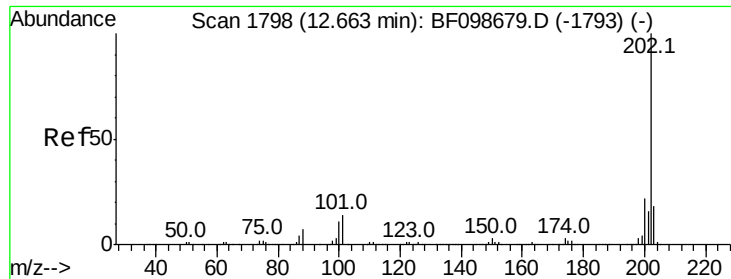
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	349540		
94	9.6	8.5	12.7	
80	10.9	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: 2.890 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098748.D

Acq: 23 Sep 2017 19:32

Instrument :

BNA_F

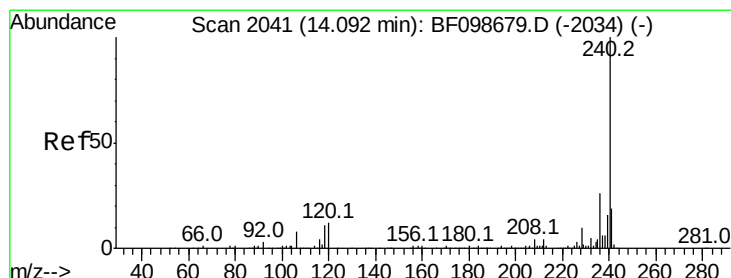
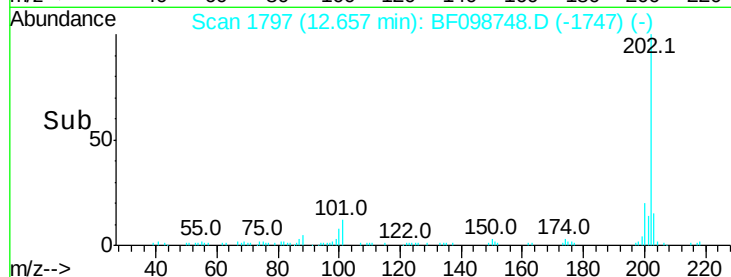
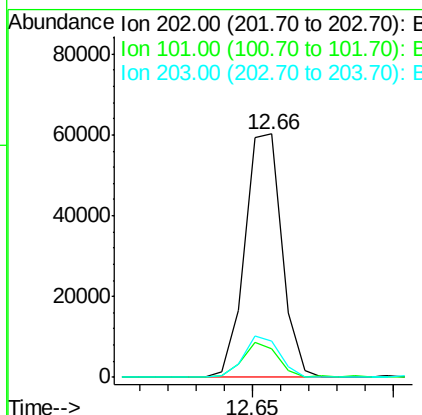
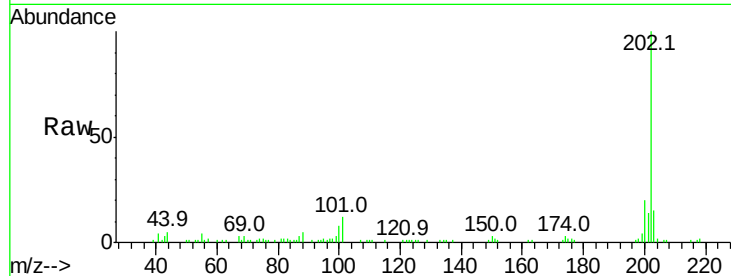
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
202	100	54759		
101	11.6	0.0	34.1	
203	14.9	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

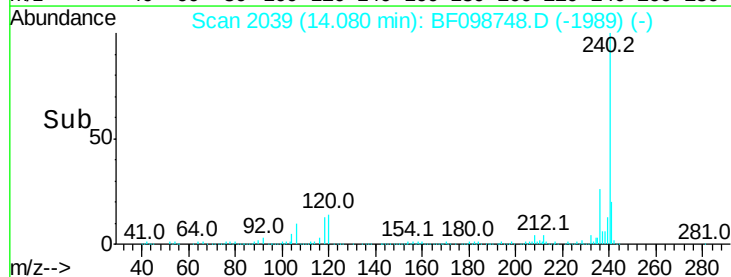
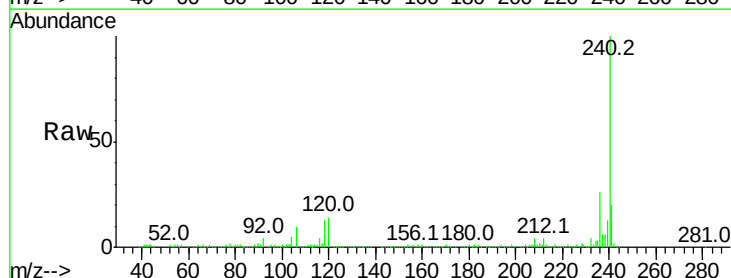
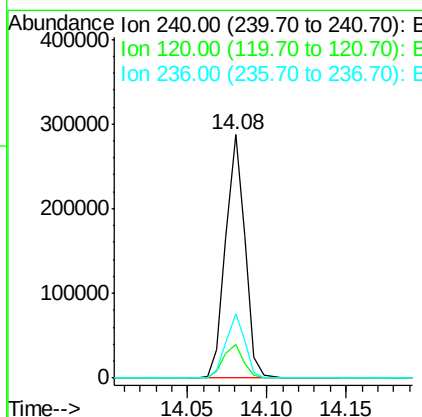
RT: 14.08 min Scan# 2039

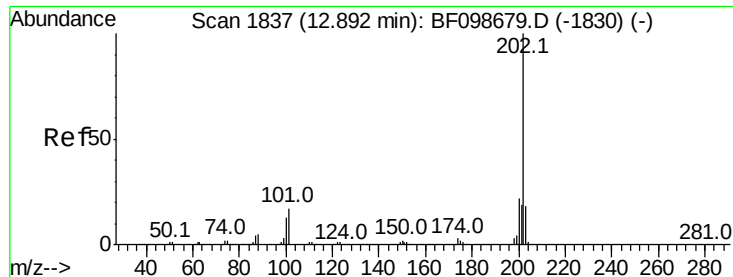
Delta R.T. -0.01 min

Lab File: BF098748.D

Acq: 23 Sep 2017 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	243720		
120	14.0	9.5	14.3	
236	26.2	20.7	31.1	





#77

Pvrene

Concen: 2.837 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098748.D

Acq: 23 Sep 2017 19:32

Instrument :

BNA_F

ClientSampled :

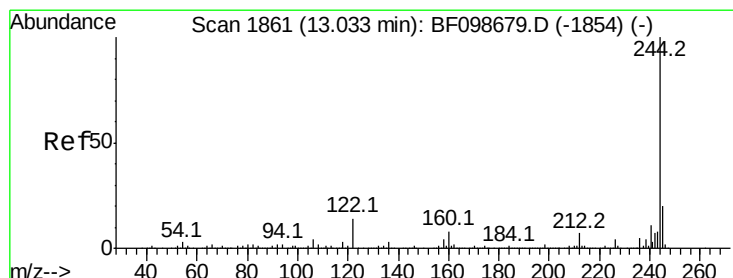
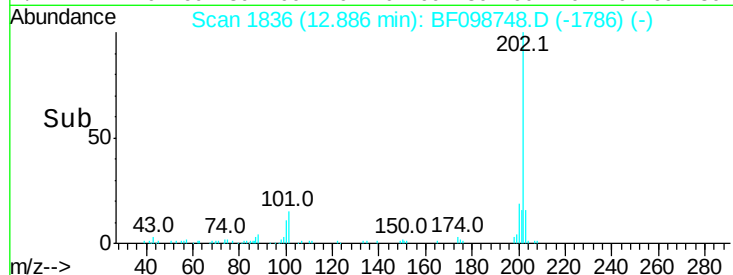
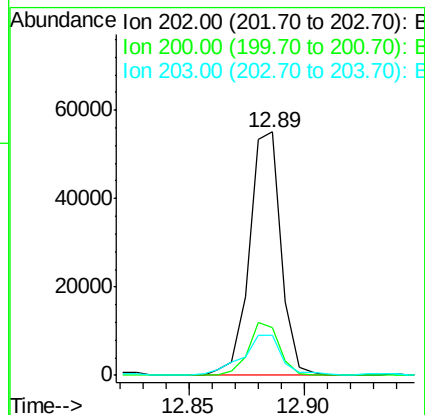
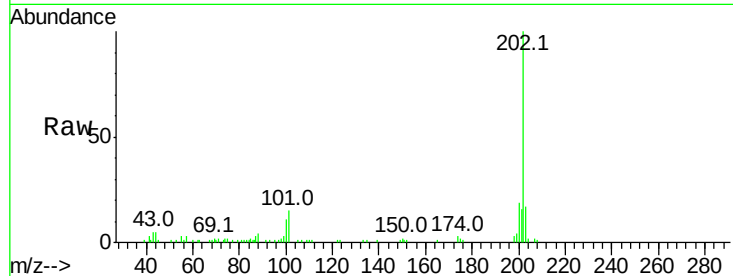
LT-TS-010

Tot Ion:	202	Resp:	52730
Ion Ratio	Lower	Upper	
202	100		
200	19.5	17.4	26.2
203	16.6	14.3	21.5

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#78

Terphenyl-d14

Concen: 77.442 ng

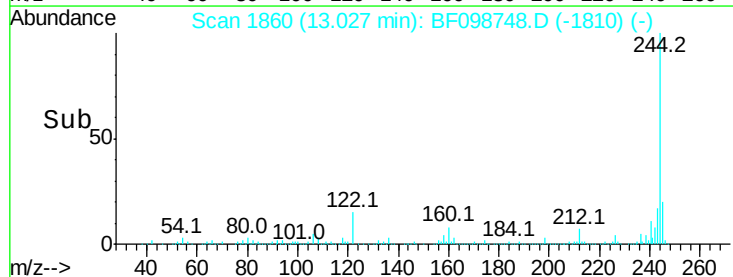
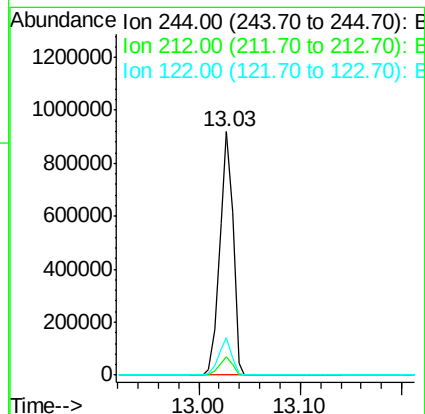
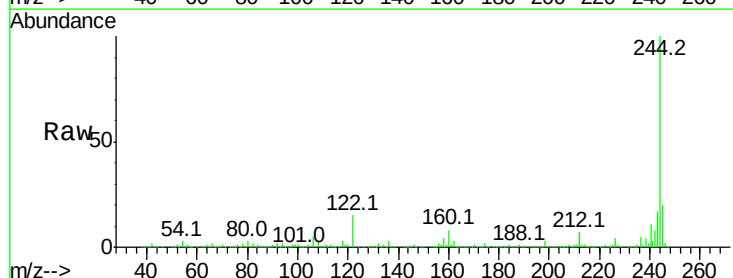
RT: 13.03 min Scan# 1860

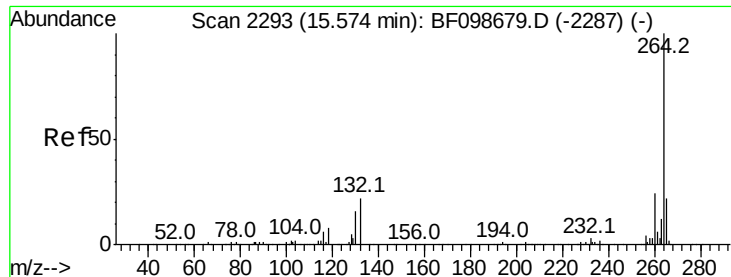
Delta R.T. -0.01 min

Lab File: BF098748.D

Acq: 23 Sep 2017 19:32

Tgt Ion:	244	Resp:	829928
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.4	8.0
122	15.2	11.0	16.4





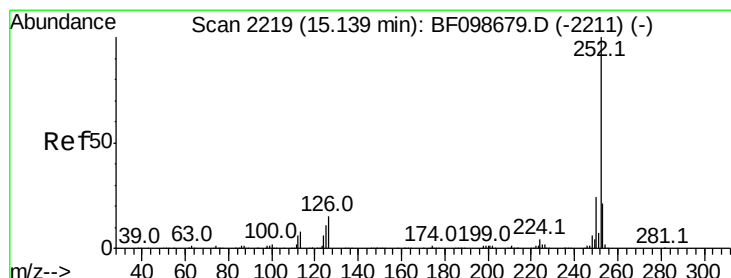
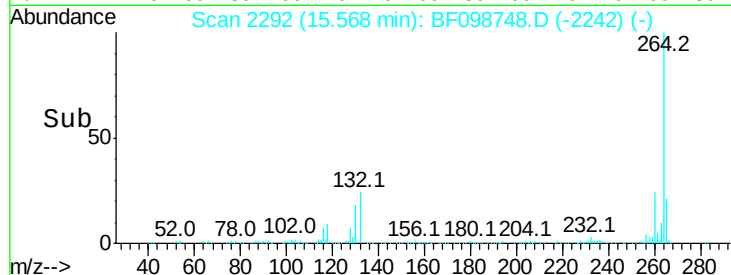
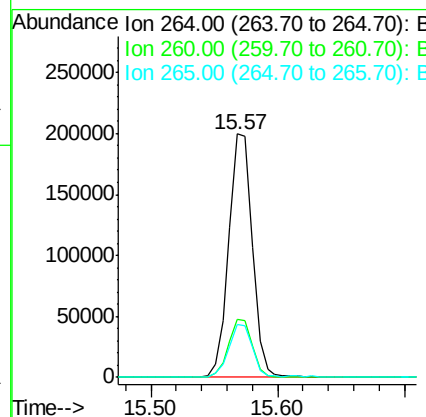
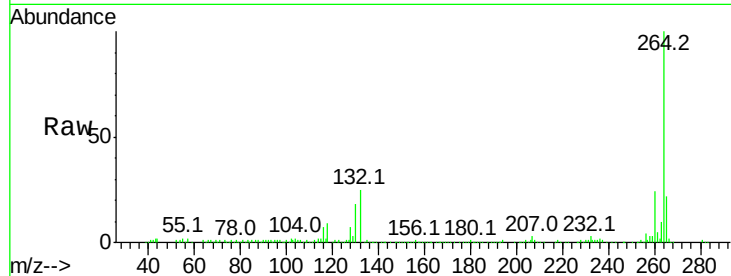
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampled :
LT-TS-010

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	17.5	26.3

Manual Integrations
APPROVED

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



#87
Benzo(b)fluoranthene
Concen: 2.169 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	14.8	9.0	13.6

