

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098746.D
 Acq On : 23 Sep 2017 18:35
 Operator : SJ/JU
 Sample : I5340-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-008

Manual Integrations
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Quant Time: Sep 25 07:08:38 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	177371	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	710355	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	288186	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	422367	20.00	ng	0.00
75) Chrysene-d12	14.08	240	272296	20.00	ng	0.00
86) Perylene-d12	15.57	264	266052	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1305104	117.13	ng	0.01
7) Phenol-d6	6.55	99	1578262	114.82	ng	0.00
23) Nitrobenzene-d5	7.49	82	963059	86.94	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	240384	101.94	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1489014	86.26	ng	0.00
78) Terphenyl-d14	13.03	244	905790	75.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.67	163	243540	11.197	ng	99
74) Fluoranthene	12.66	202	60644	2.649	ng	96
77) Pyrene	12.89	202	59240	2.853	ng	99
87) Benzo(b)fluoranthene	15.13	252	33608m	2.055	ng	

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

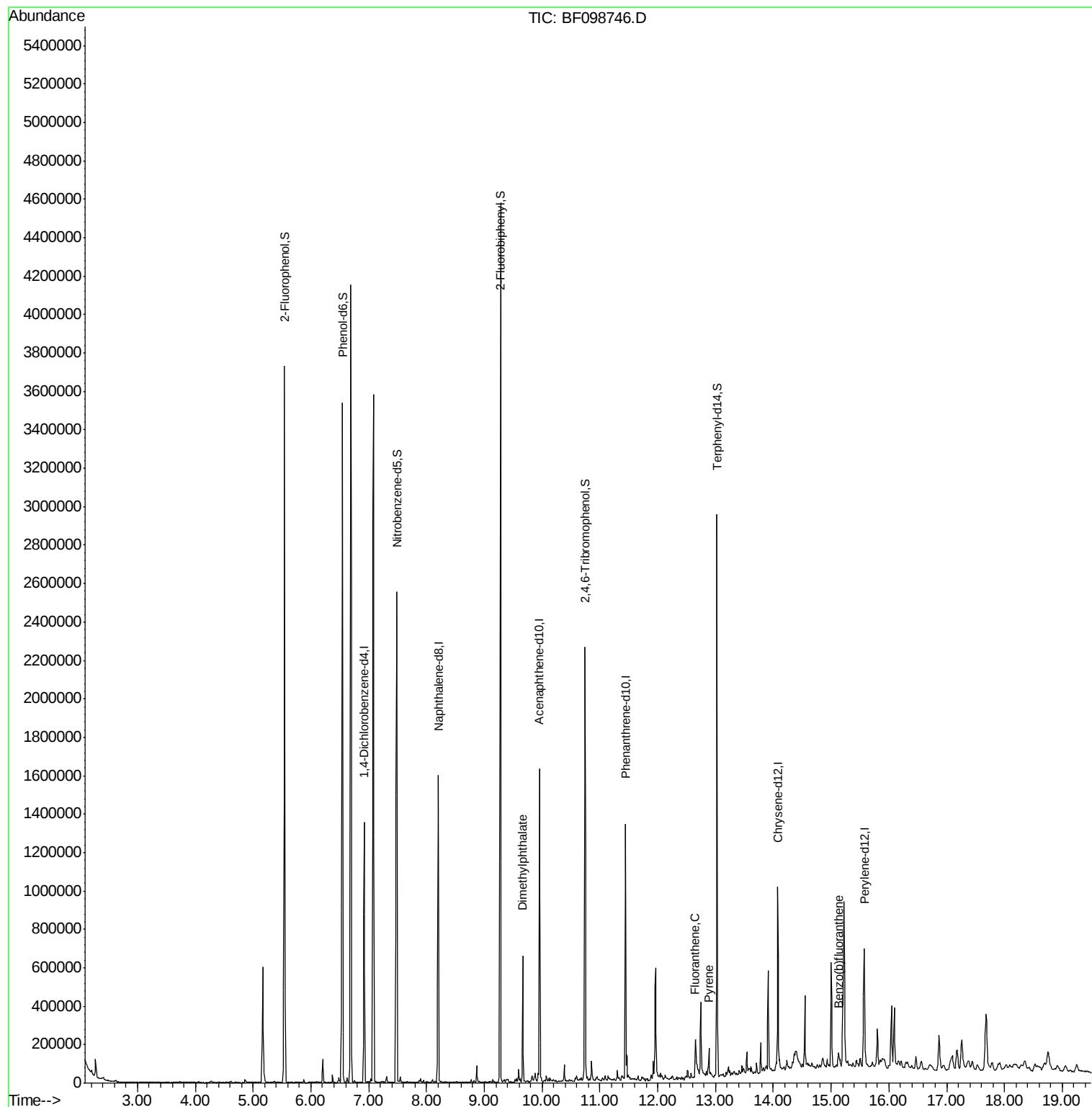
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
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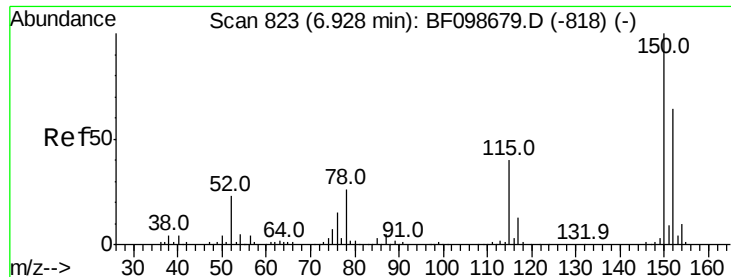
Instrument :
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LT-TS-008

Quant Time: Sep 25 07:08:38 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

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#1

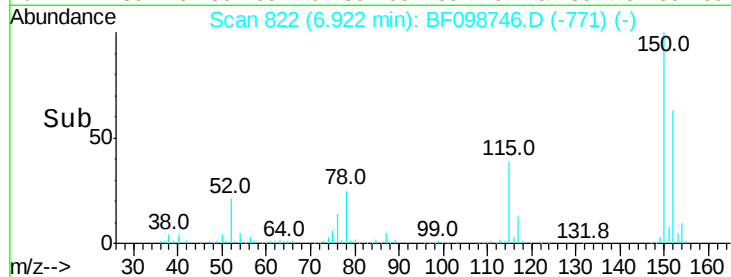
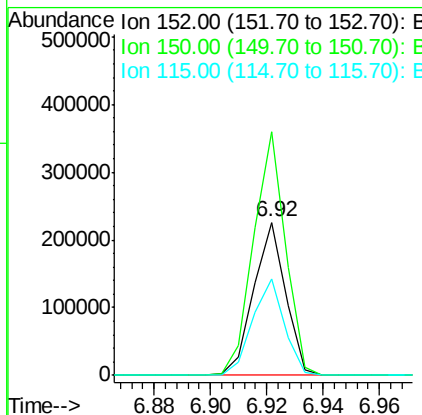
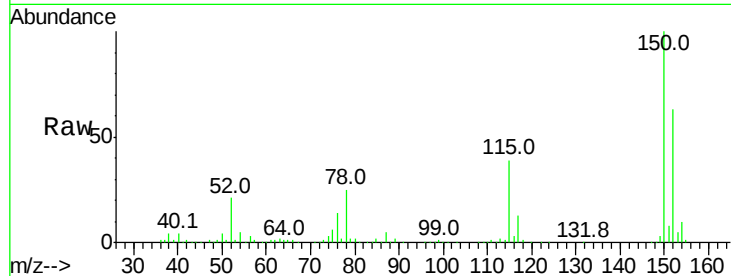
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

Instrument :
BNA_F
ClientSampleId :
LT-TS-008

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	62.6	50.1	75.1

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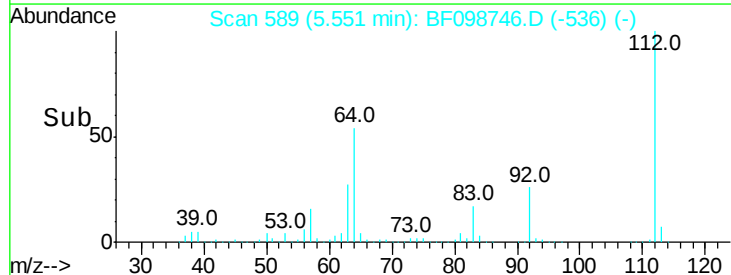
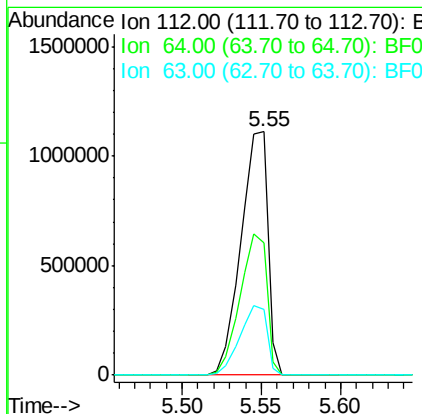
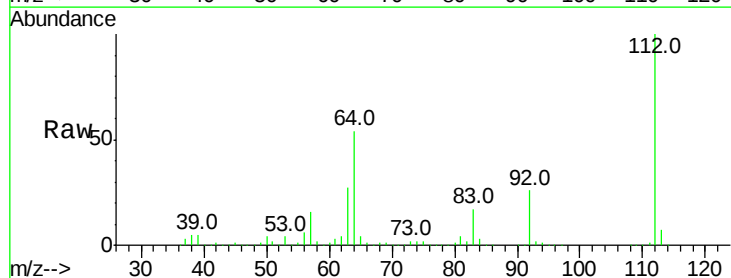
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#5

2-Fluorophenol
Concen: 117.133 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	47.9	71.9
63	26.8	23.7	35.5





#7

Phenol-d6

Concen: 114.824 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

ClientSampleId :

LT-TS-008

Tot Ion: 99 Resp: 1578262

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

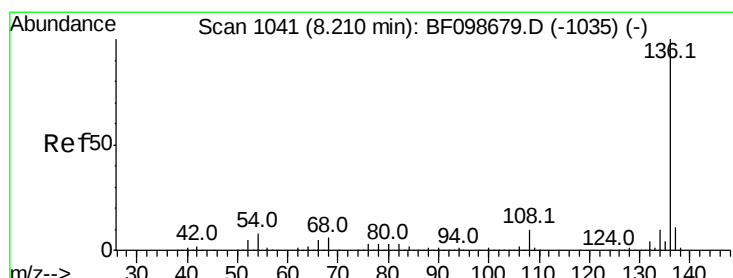
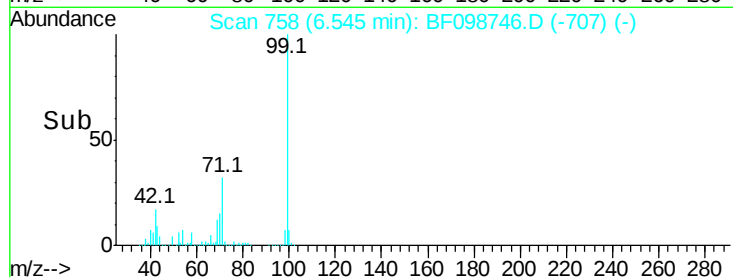
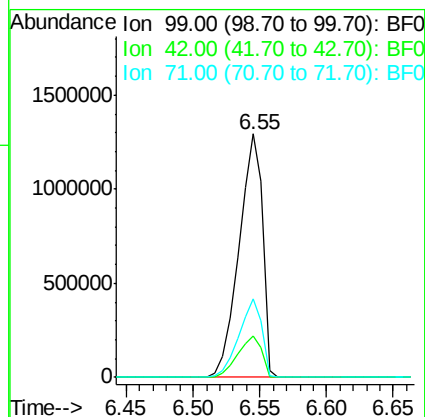
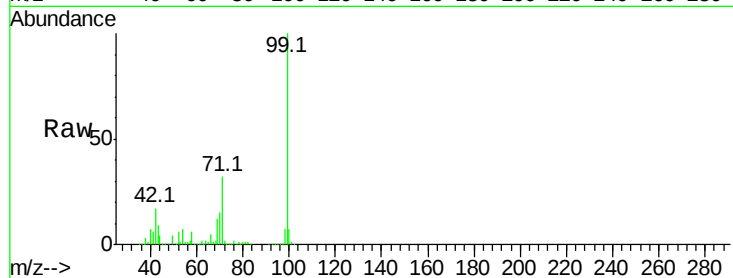
71 32.5 25.4 38.0

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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: BF098746.D

Acq: 23 Sep 2017 18:35

Tgt Ion: 136 Resp: 710355

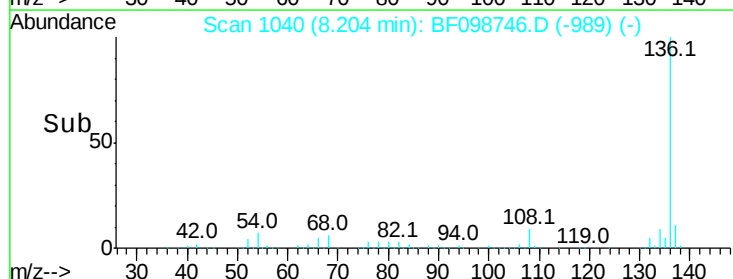
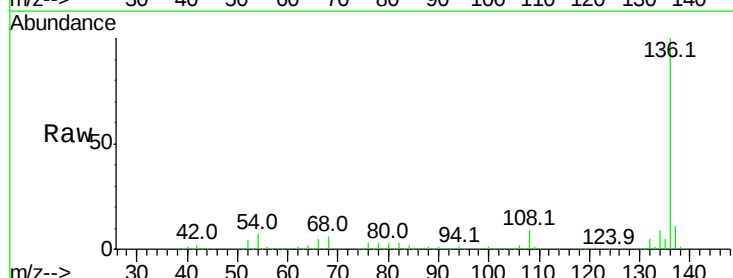
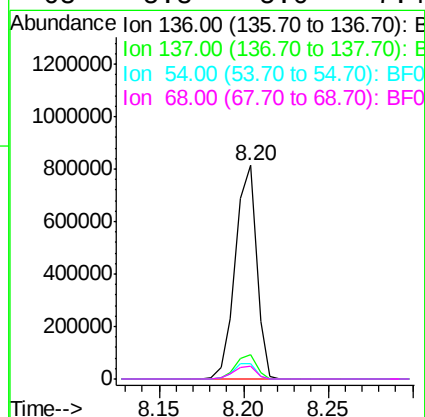
Ion Ratio Lower Upper

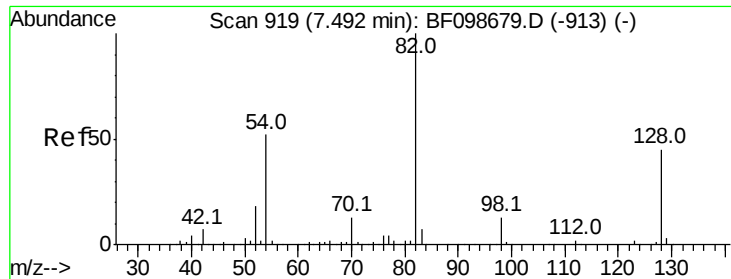
136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 86.944 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

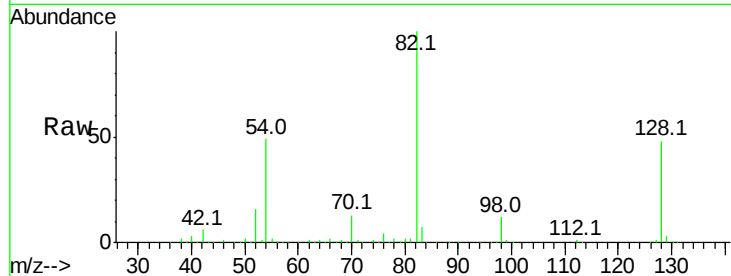
ClientSampled :

LT-TS-008

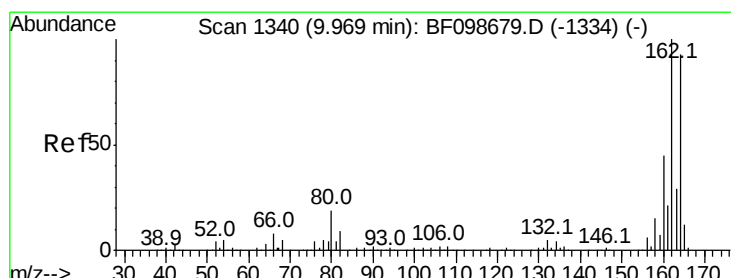
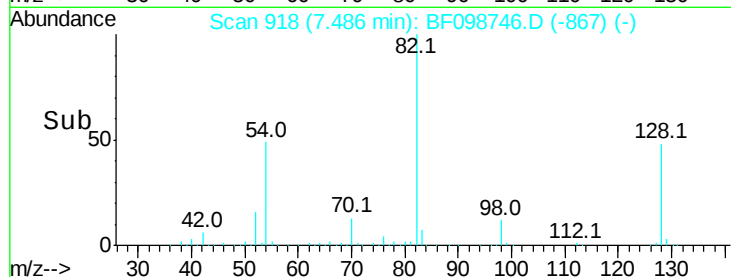
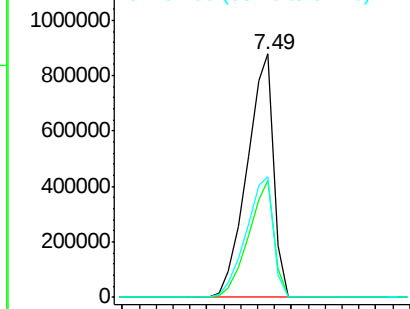
Tot Ion:	82	Resp:	963059
Ion Ratio	Lower	Upper	
82	100		
128	48.0	36.1	54.1
54	49.4	41.4	62.2

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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

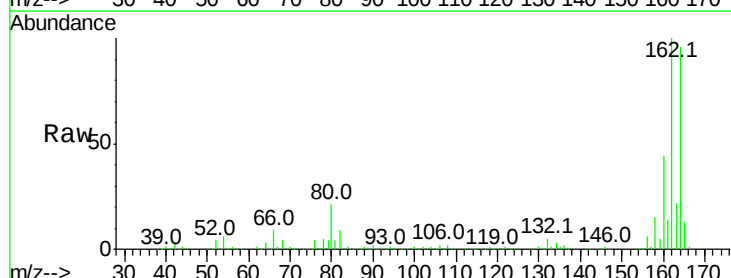
RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

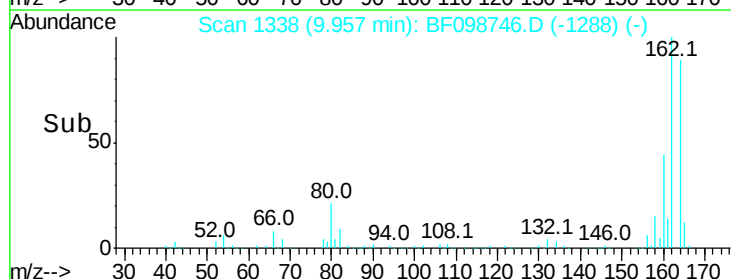
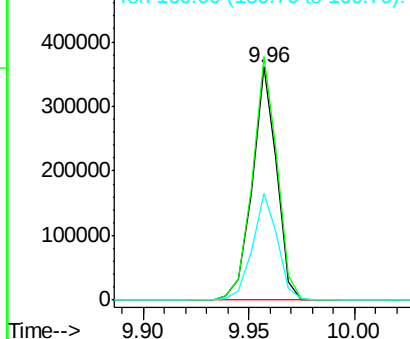
Lab File: BF098746.D

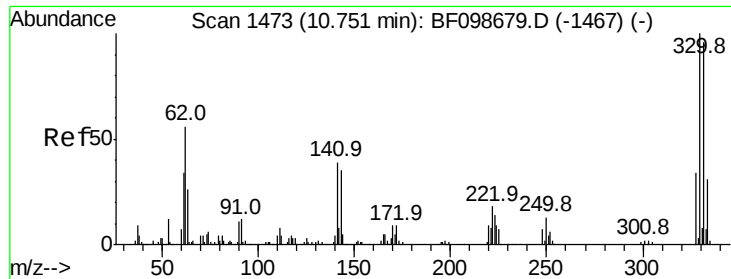
Acq: 23 Sep 2017 18:35

Tgt Ion:	164	Resp:	288186
Ion Ratio	Lower	Upper	
164	100		
162	104.6	86.1	129.1
160	46.0	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





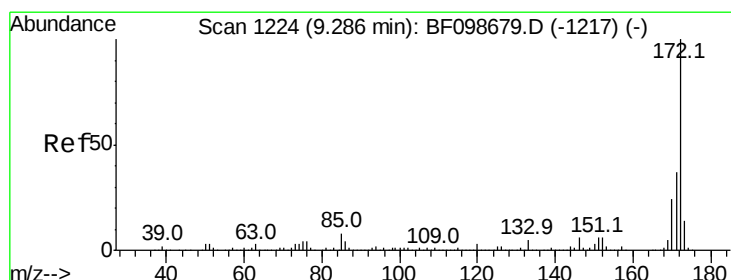
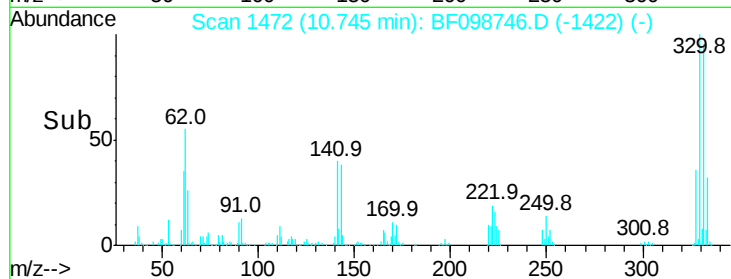
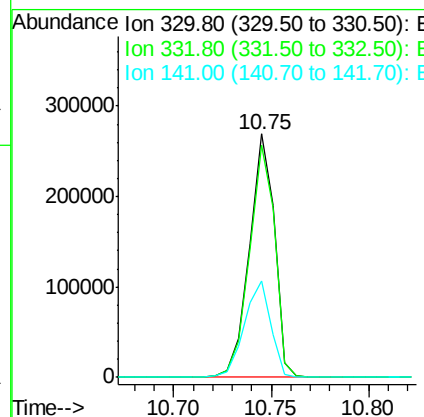
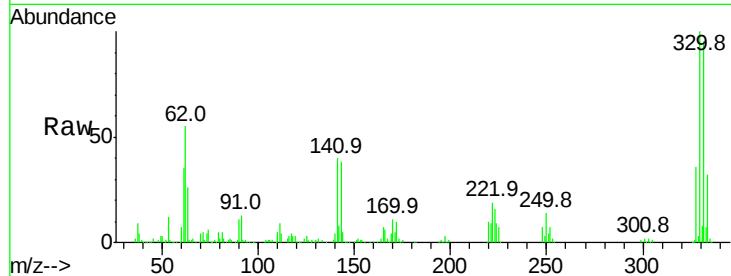
#41
 2,4,6-Tribromophenol
 Concen: 101.938 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

Instrument :
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 LT-TS-008

Tot Ion	Ratio	Resp	Lower	Upper
330	100	240384		
332	96.4	77.0	115.6	
141	41.6	29.9	44.9	

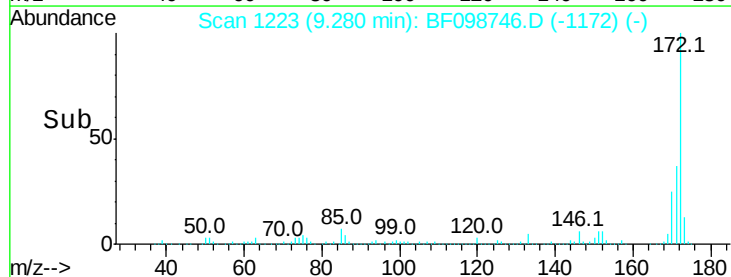
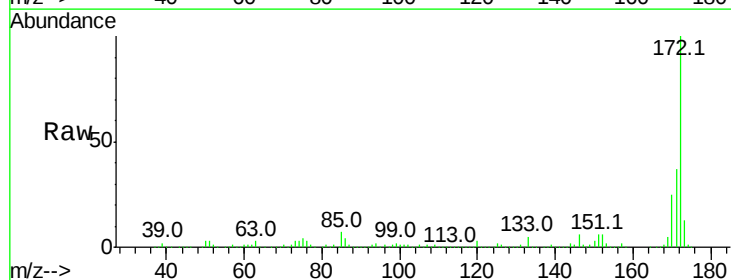
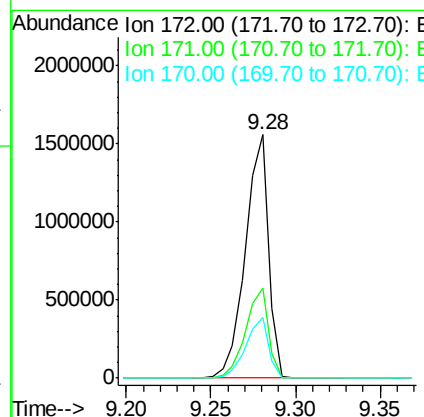
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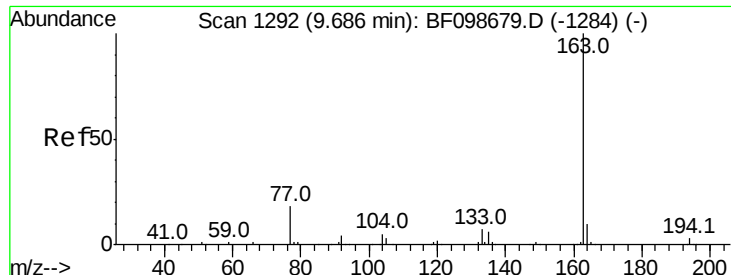
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#44
 2-Fluorobiphenyl
 Concen: 86.256 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1489014		
171	37.2	29.7	44.5	
170	24.9	19.6	29.4	





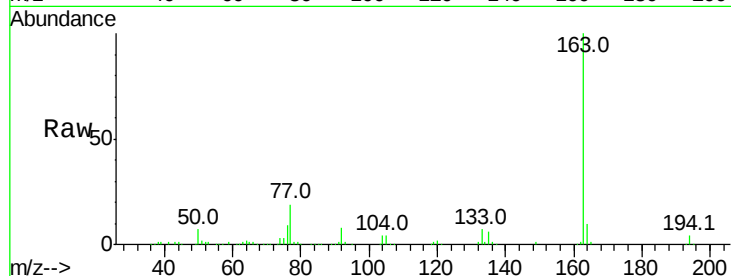
#49
 Dimethylphthalate
 Concen: 11.197 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-008

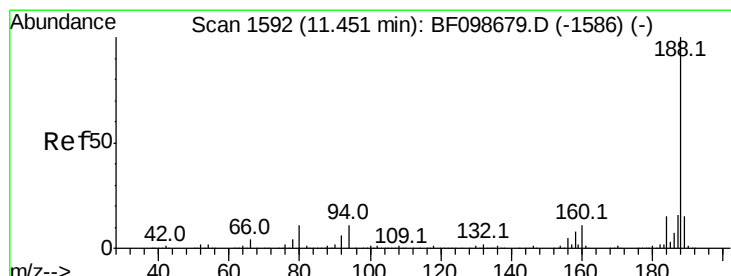
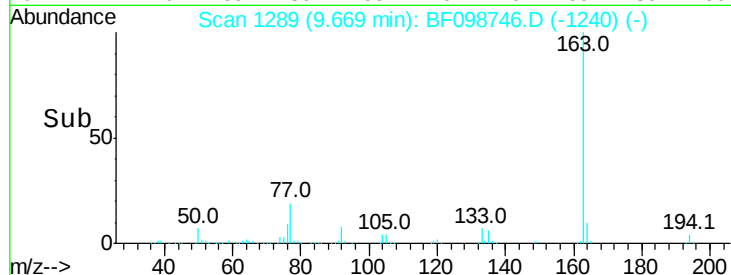
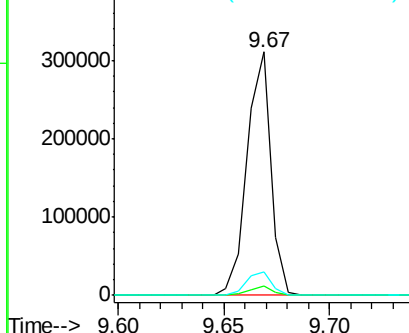
Tot Ion:	163	Resp:	243540
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	9.6	8.2	12.2

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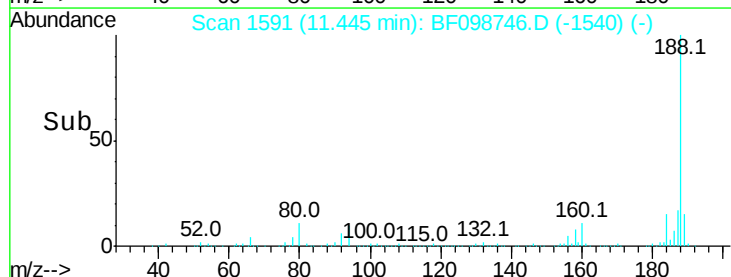
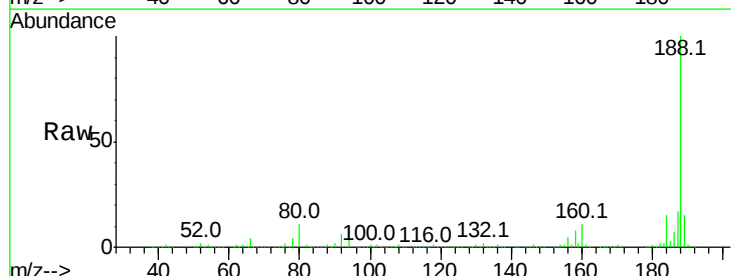
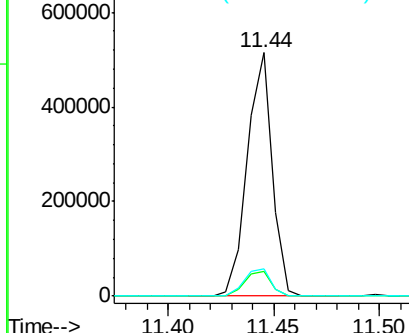
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

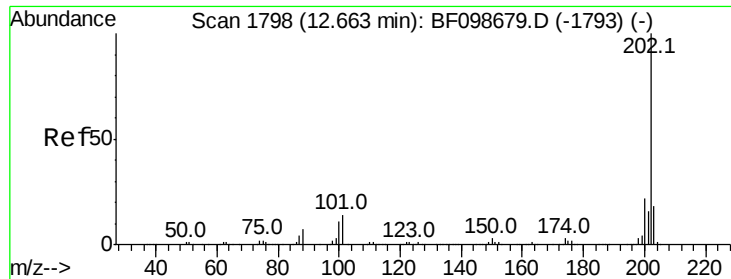


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF098746.D
 Acq: 23 Sep 2017 18:35

Tgt Ion:	188	Resp:	422367
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.5	12.7
80	11.1	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





#74

Fluoranthene

Concen: 2.649 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

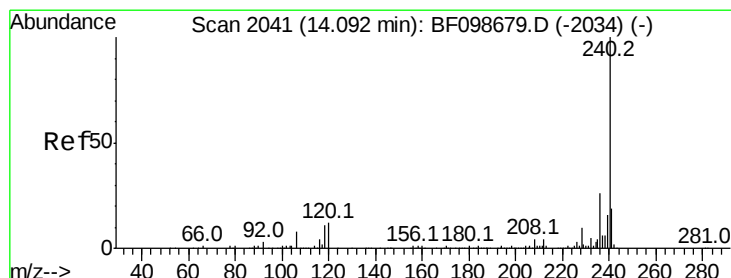
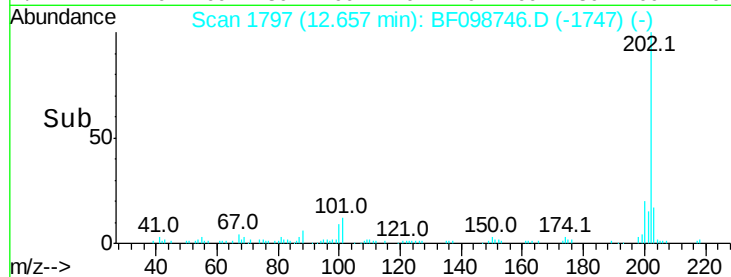
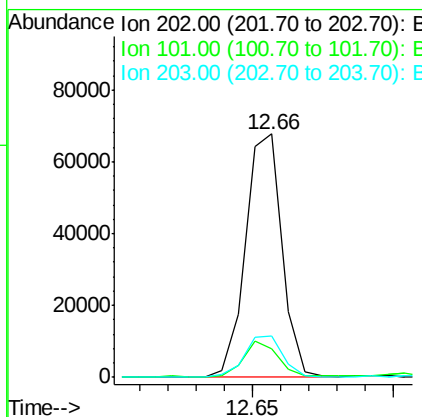
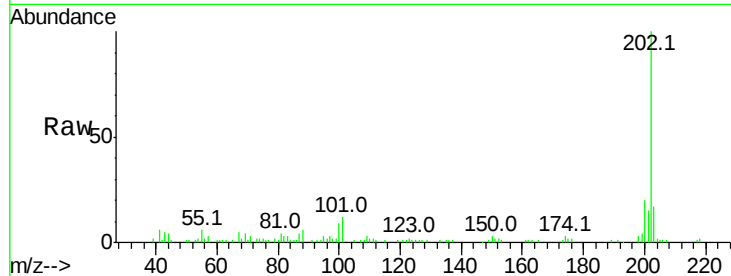
ClientSampleId :

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Tot Ion:	202	Resp:	60644
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	34.1
203	16.8	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

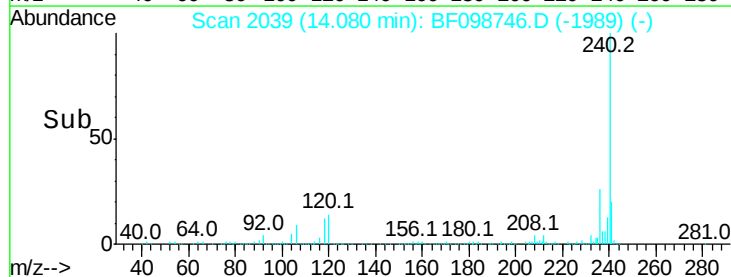
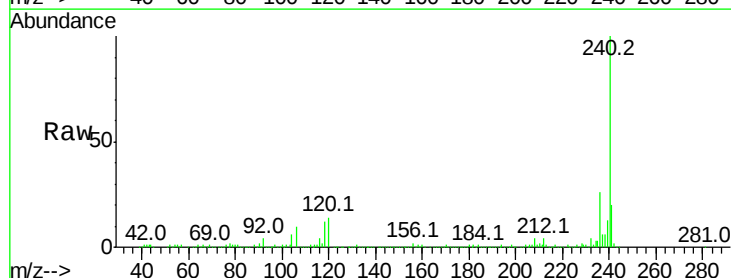
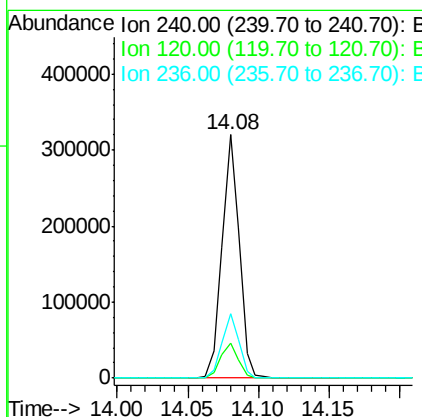
RT: 14.08 min Scan# 2039

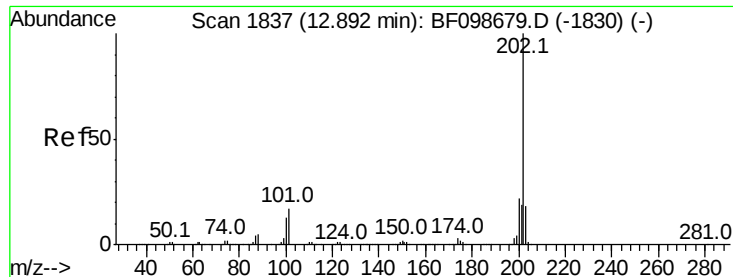
Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Tgt Ion:	240	Resp:	272296
Ion Ratio	Lower	Upper	
240	100		
120	14.5	9.5	14.3#
236	26.2	20.7	31.1





#77

Pvrene

Concen: 2.853 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Instrument :

BNA_F

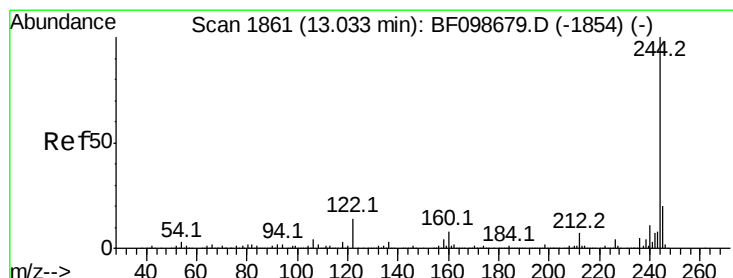
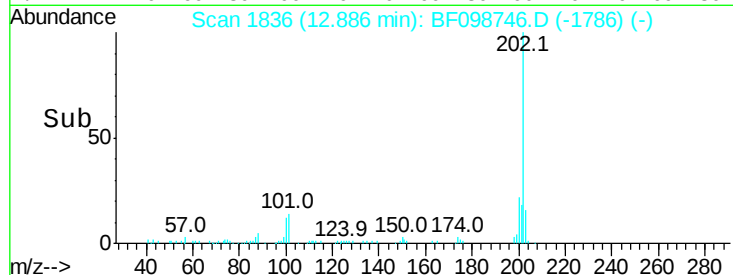
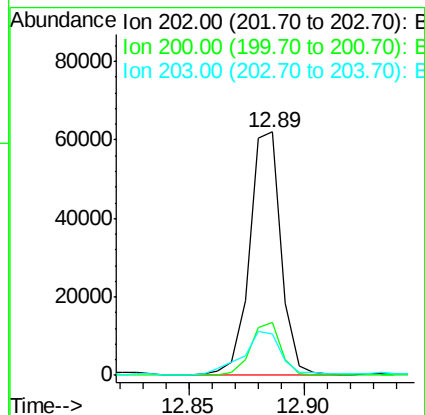
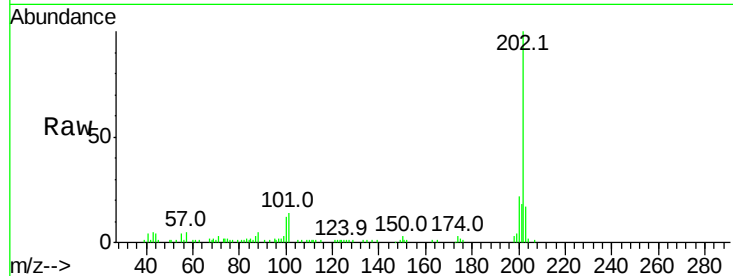
ClientSampleId :

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Tot Ion:	202	Resp:	59240
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 75.651 ng

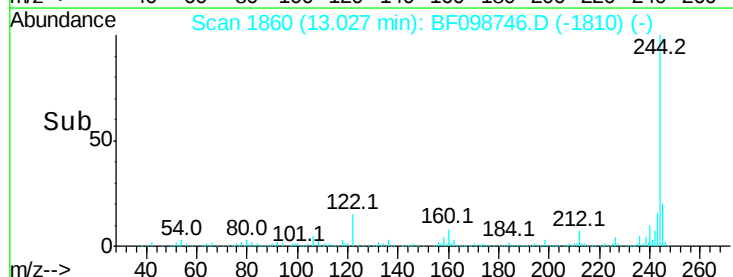
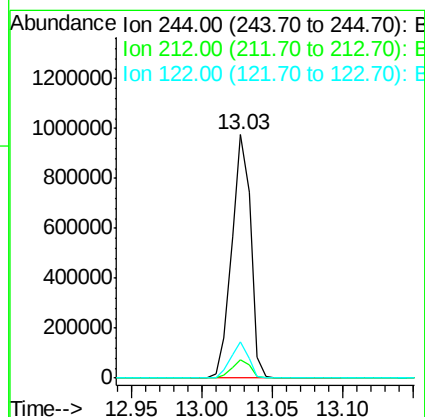
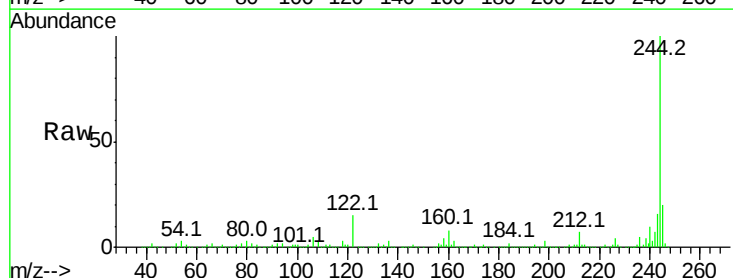
RT: 13.03 min Scan# 1860

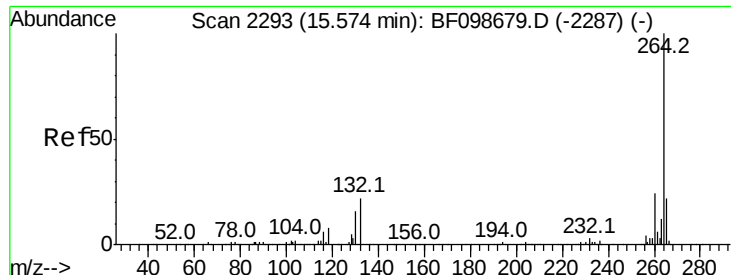
Delta R.T. -0.01 min

Lab File: BF098746.D

Acq: 23 Sep 2017 18:35

Tgt Ion:	244	Resp:	905790
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	14.7	11.0	16.4





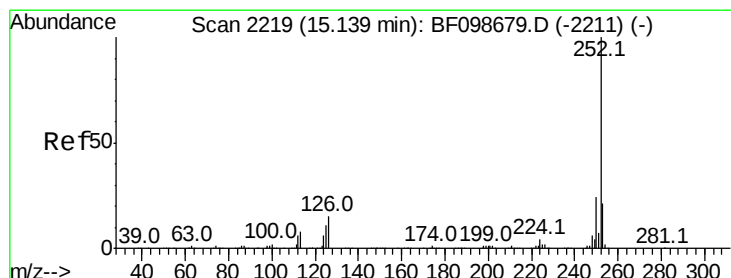
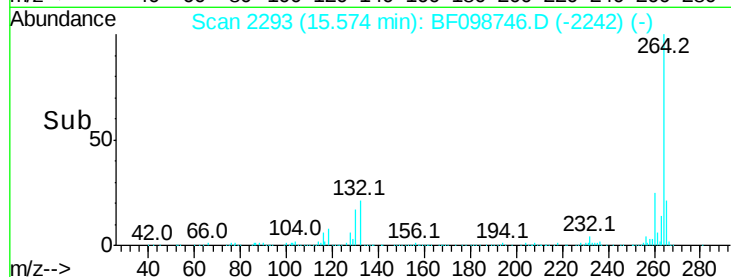
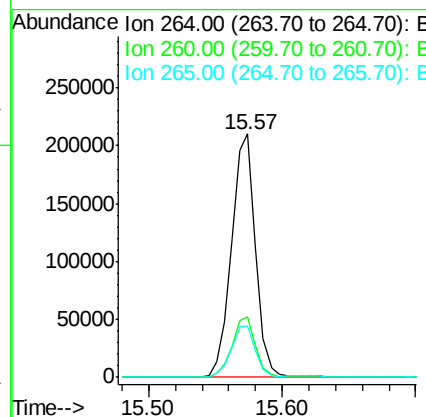
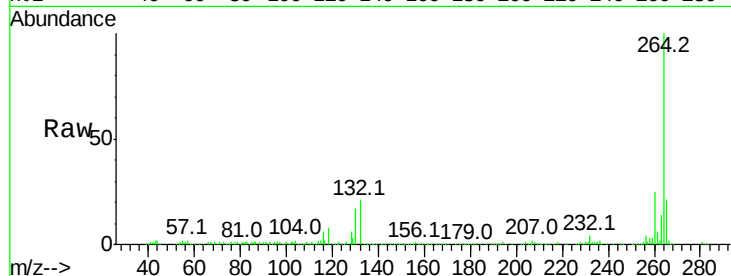
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

Instrument :
BNA_F
ClientSampled :
LT-TS-008

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.1	17.5	26.3

Manual Integrations
APPROVED

Sohil
9/25/2017 6:26:19 PM



#87
Benzo(b)fluoranthene
Concen: 2.055 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098746.D
Acq: 23 Sep 2017 18:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	13.4	9.0	13.6

