

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098915.D
 Acq On : 28 Sep 2017 19:10
 Operator : SJ/JU
 Sample : PB102707BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102707BL

Manual Integrations
 APPROVED

Sohil
 9/29/2017 6:04:25 PM

Quant Time: Sep 29 01:45:13 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	126106	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	526313	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	238888	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	438641	20.00	ng	0.00
75) Chrysene-d12	14.08	240	276846	20.00	ng	0.00
86) Perylene-d12	15.57	264	197229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	898219	113.39	ng	0.00
7) Phenol-d6	6.54	99	1065265	109.01	ng	0.00
23) Nitrobenzene-d5	7.47	82	665368	81.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	221523	113.33	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1223656	85.51	ng	-0.01
78) Terphenyl-d14	13.03	244	1063814	87.39	ng	0.00

Target Compounds Qvalue

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

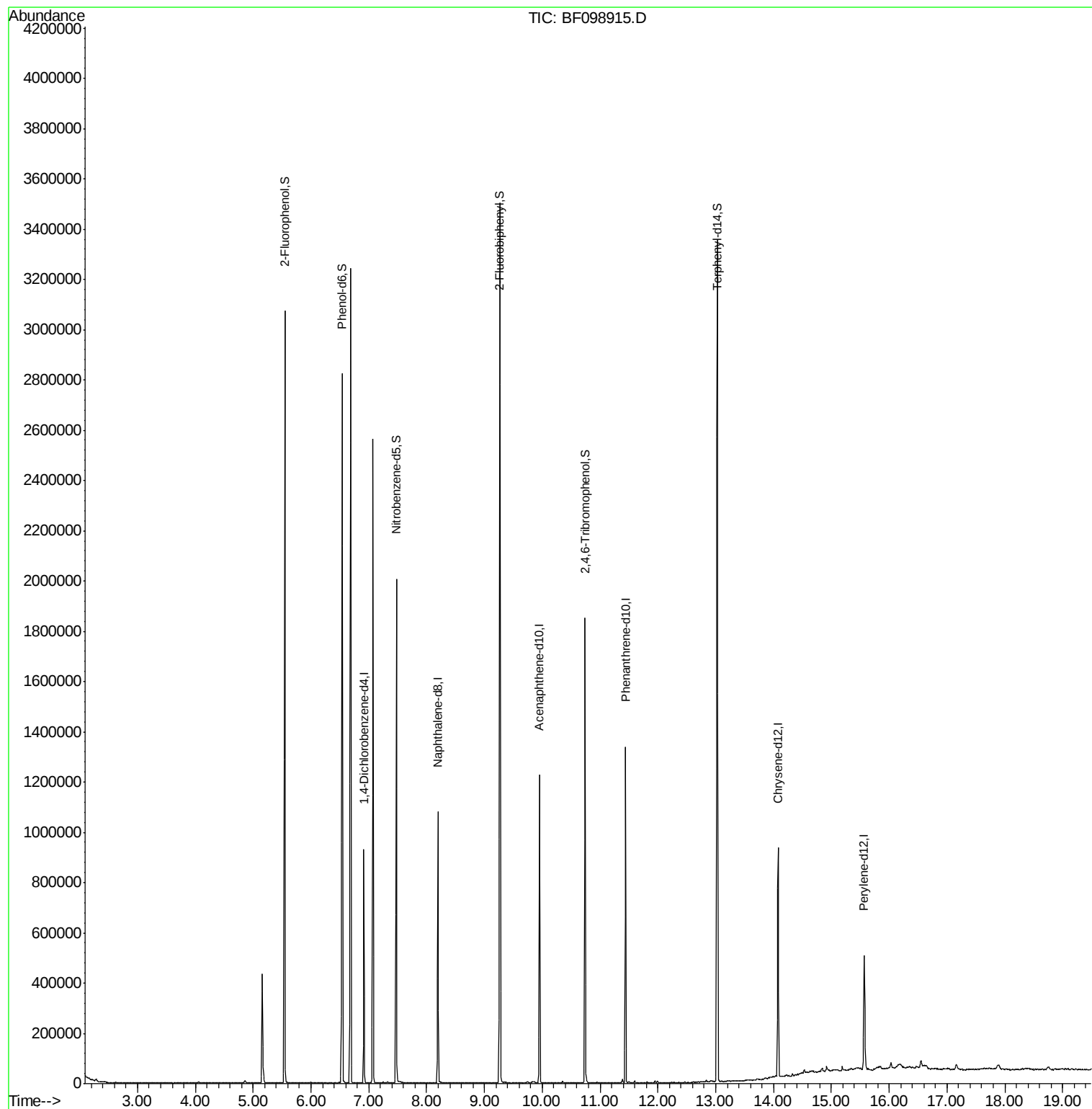
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

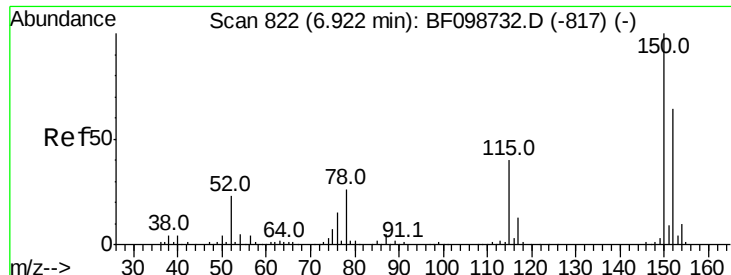
Instrument :
BNA_F
ClientSampleId :
PB102707BL

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#1

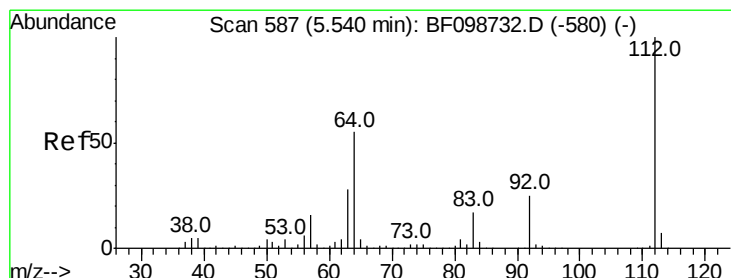
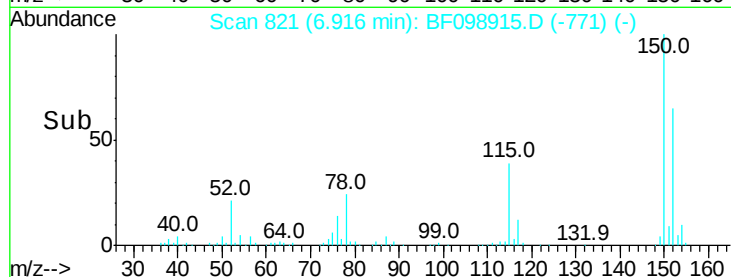
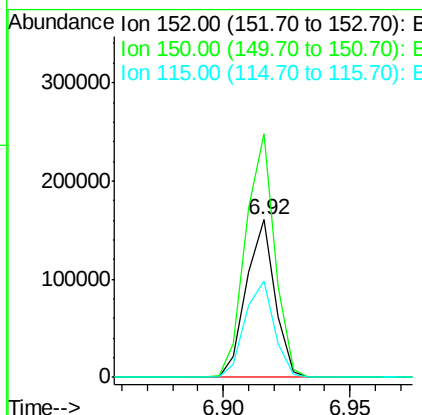
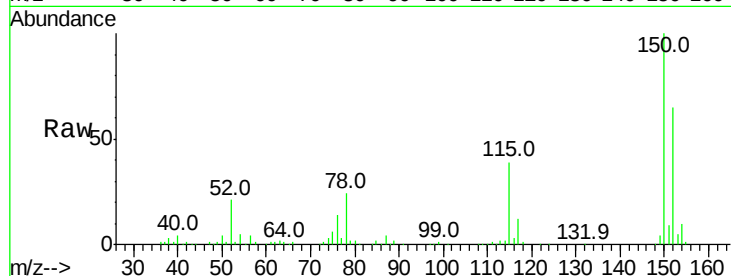
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098915.D
Acq: 28 Sep 2017 19:10

Instrument :
BNA_F
ClientSampleId :
PB102707BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	60.8	50.1	75.1

Manual Integrations
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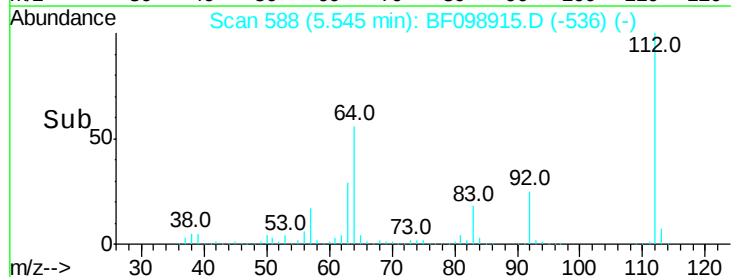
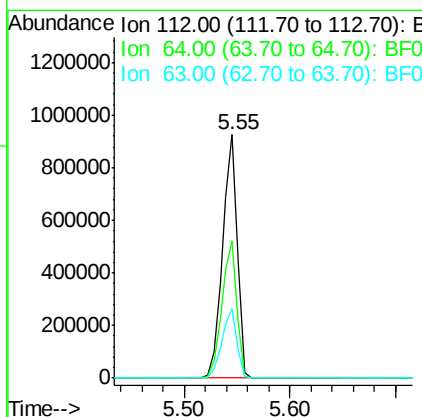
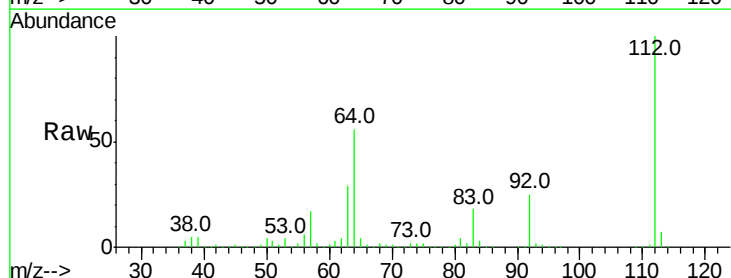
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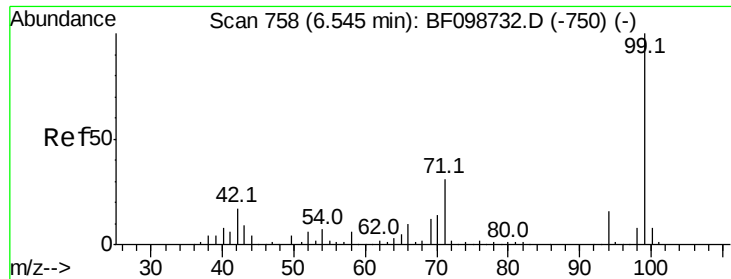


#5

2-Fluorophenol
Concen: 113.387 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098915.D
Acq: 28 Sep 2017 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	28.6	23.7	35.5





#7

Phenol-d6

Concen: 109.008 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098915.D

Acq: 28 Sep 2017 19:10

Instrument :

BNA_F

ClientSampleId :

PB102707BL

Tot Ion: 99 Resp: 1065265

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

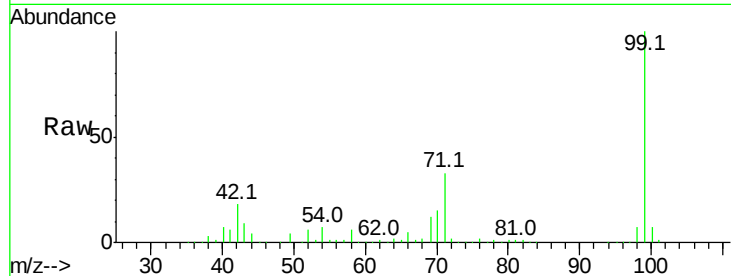
71 32.5 25.4 38.0

Manual Integrations

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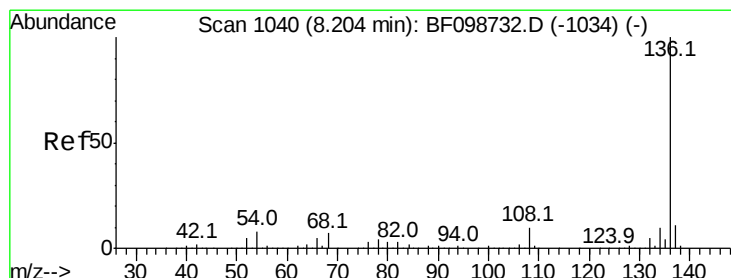
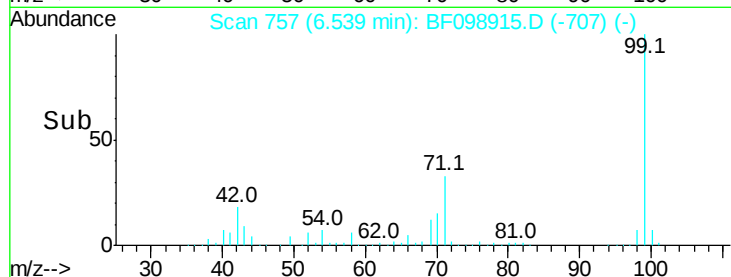
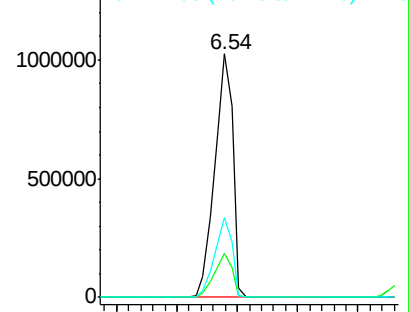
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098915.D

Acq: 28 Sep 2017 19:10

Tgt Ion: 136 Resp: 526313

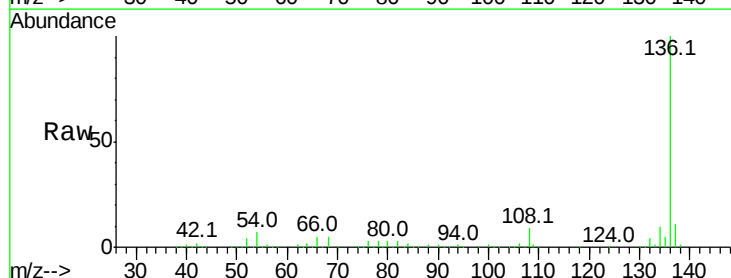
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.1 6.6 9.8

68 5.3 5.0 7.4

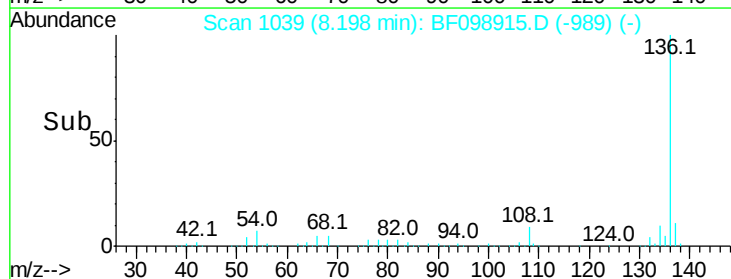
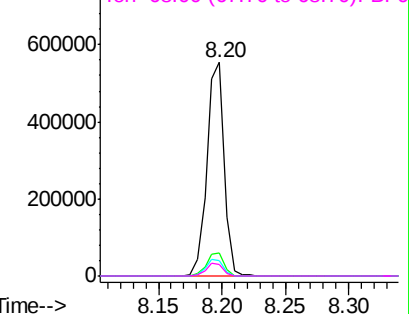


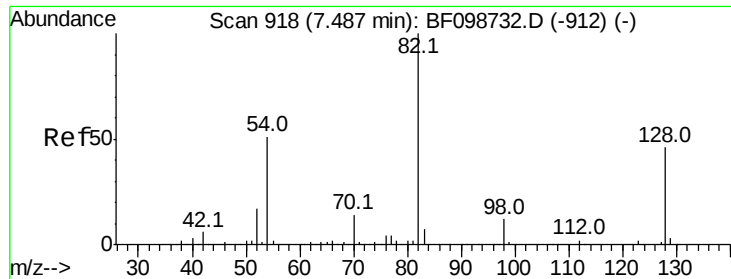
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





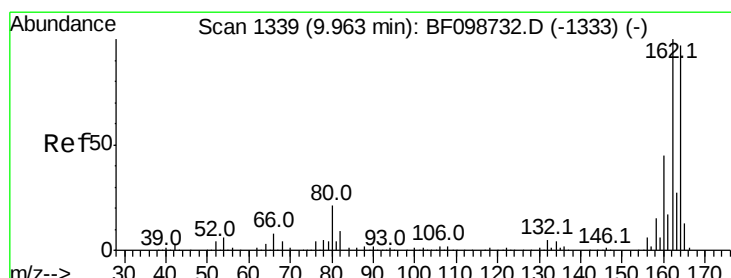
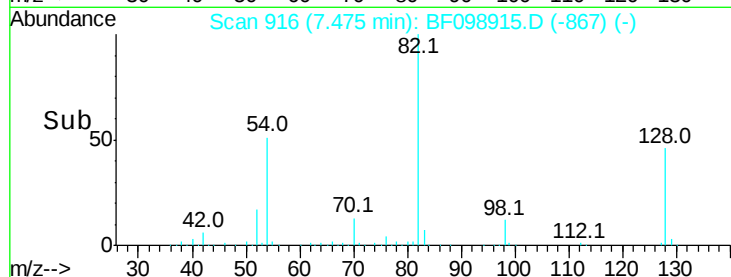
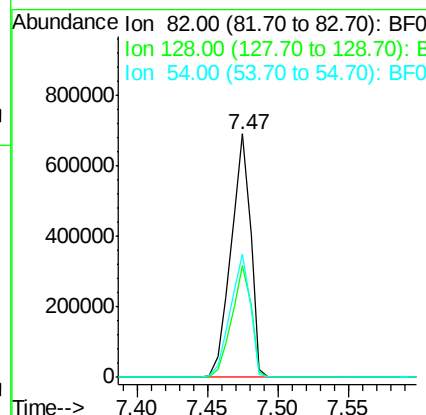
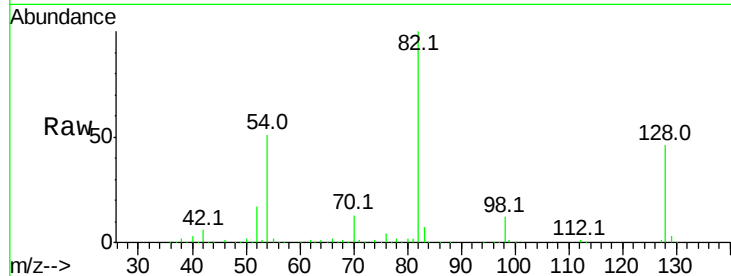
#23
 Nitrobenzene-d5
 Concen: 81.074 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098915.D
 Acq: 28 Sep 2017 19:10

Instrument :
 BNA_F
 ClientSampled :
 PB102707BL

Tot Ion	Ratio	Resp	Lower	Upper
82	100	665368		
128	46.0	36.1	54.1	
54	50.8	41.4	62.2	

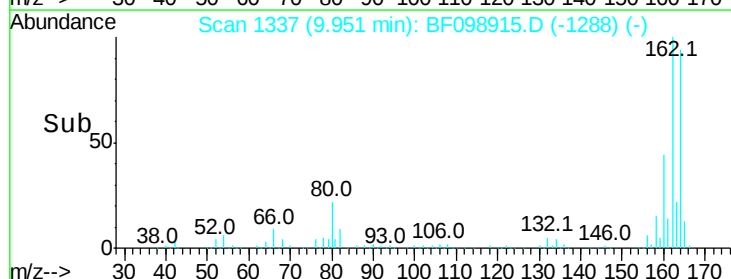
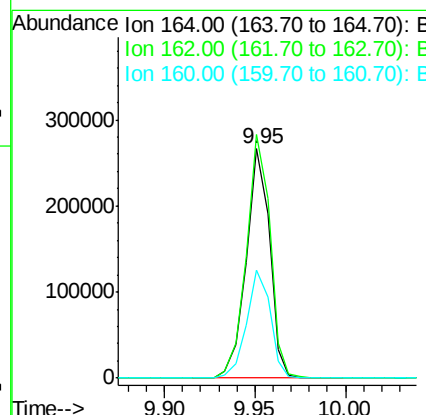
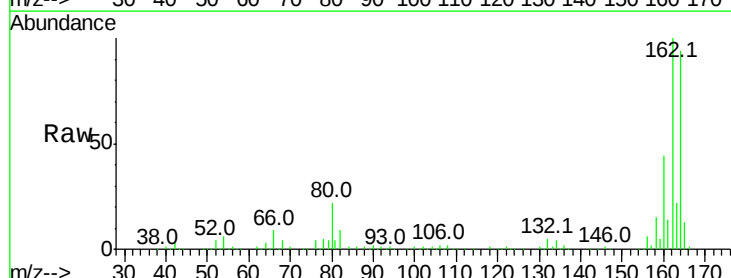
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098915.D
 Acq: 28 Sep 2017 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	238888		
162	106.2	86.1	129.1	
160	47.2	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 113.325 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098915.D

Acq: 28 Sep 2017 19:10

Instrument :

BNA_F

ClientSampleId :

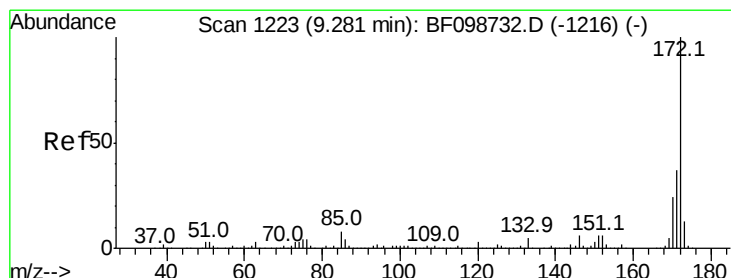
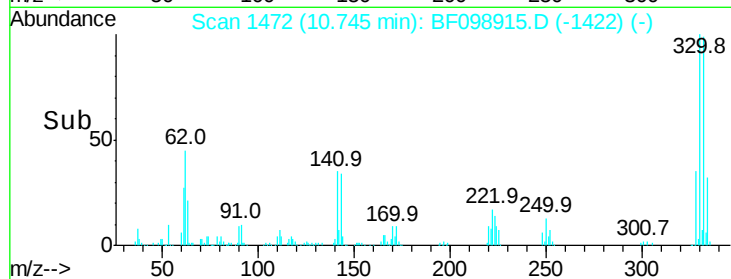
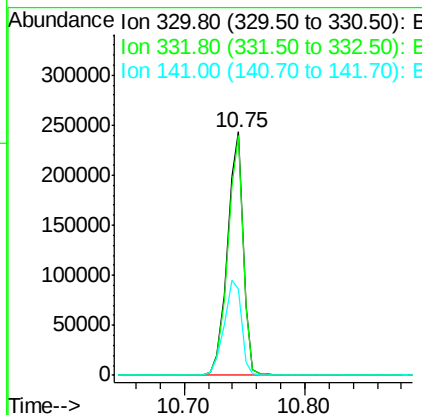
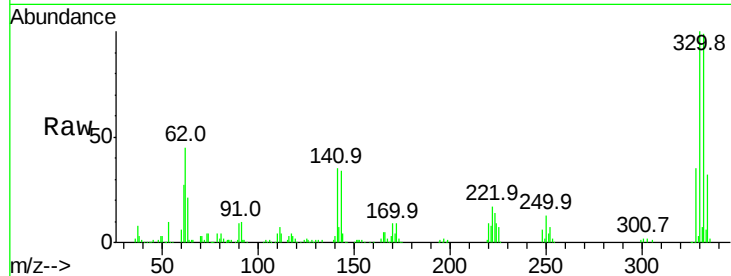
PB102707BL

Tot Ion:	330	Resp:	221523
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.0	115.6
141	43.0	29.9	44.9

Manual Integrations
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#44

2-Fluorobiphenyl

Concen: 85.513 ng

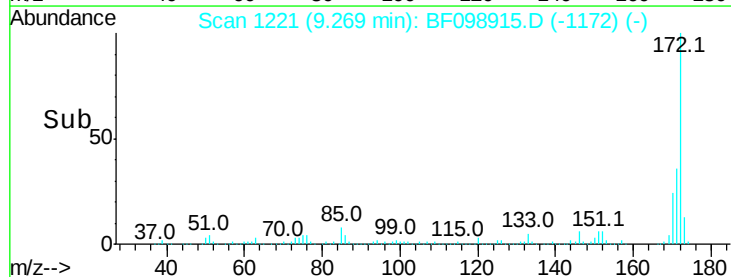
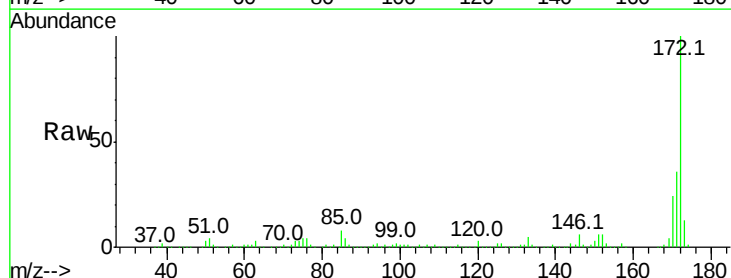
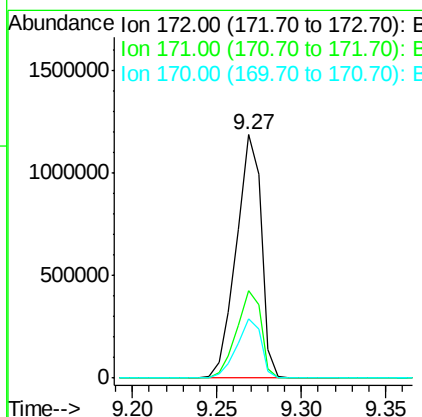
RT: 9.27 min Scan# 1221

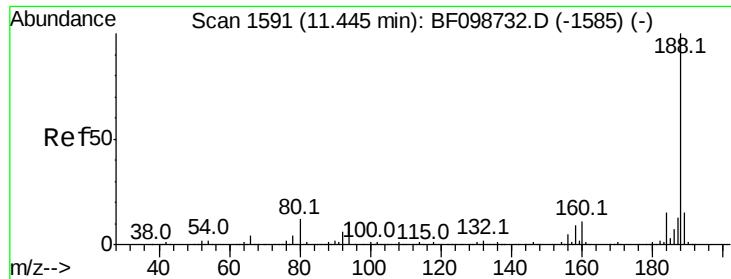
Delta R.T. -0.01 min

Lab File: BF098915.D

Acq: 28 Sep 2017 19:10

Tgt Ion:	172	Resp:	1223656
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.7	44.5
170	24.1	19.6	29.4





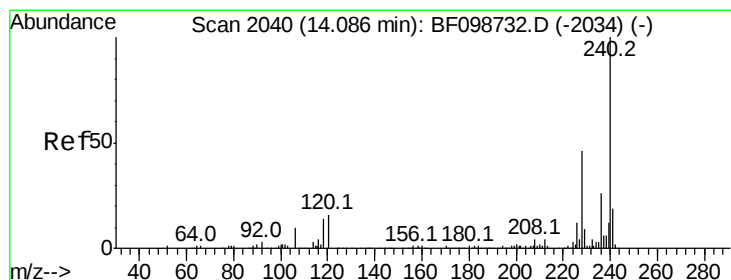
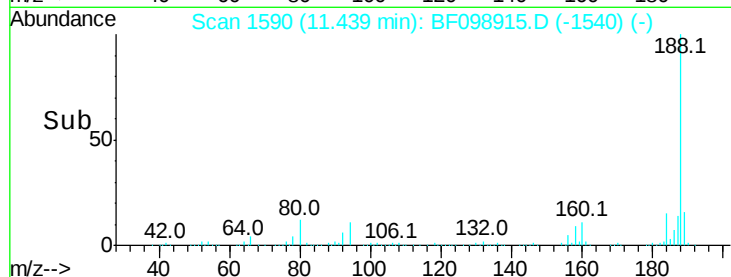
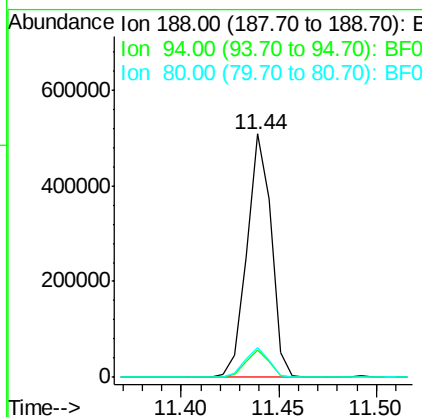
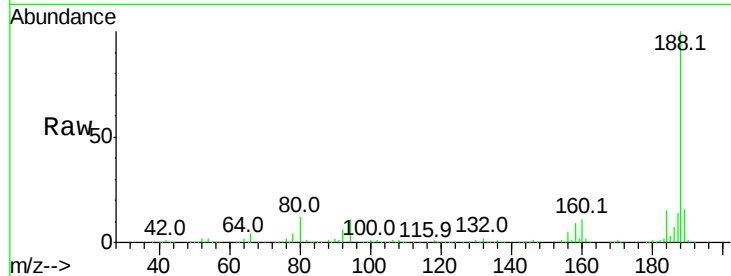
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098915.D
Acq: 28 Sep 2017 19:10

Instrument :
BNA_F
ClientSampleId :
PB102707BL

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1	8.5	12.7	
80	12.5	9.2	13.8	

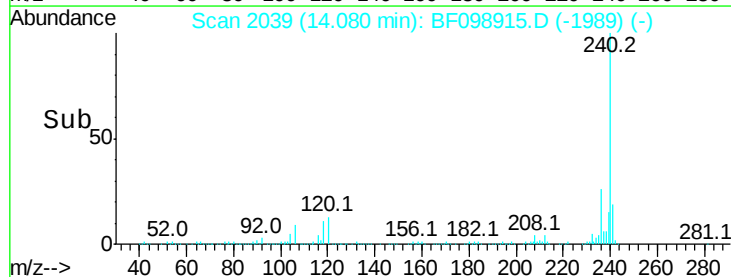
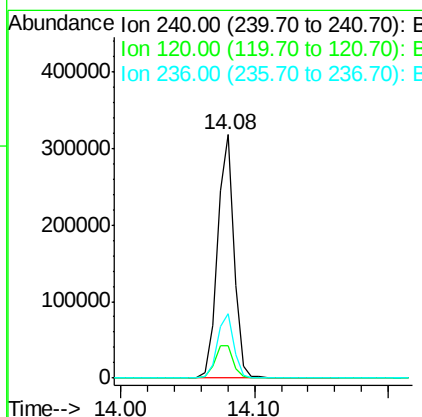
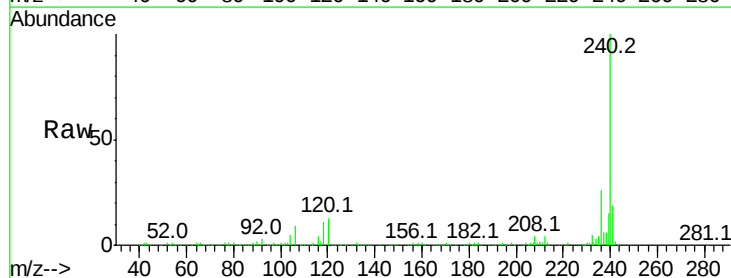
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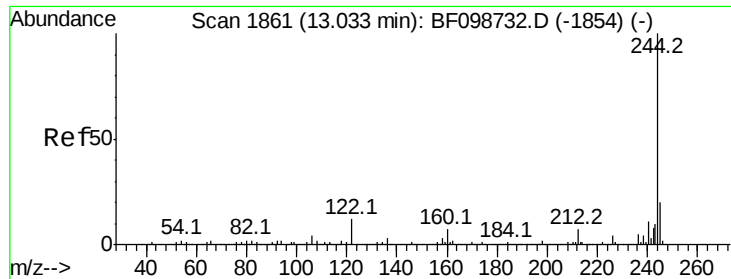
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098915.D
Acq: 28 Sep 2017 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.3	9.5	14.3	
236	26.4	20.7	31.1	





#78

Terphenyl-d14

Concen: 87.389 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098915.D

Acq: 28 Sep 2017 19:10

Instrument :

BNA_F

ClientSampleId :

PB102707BL

Tot Ion:244 Resp: 1063814

Ion Ratio Lower Upper

244 100

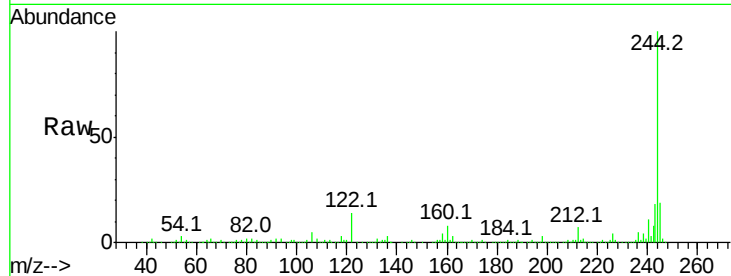
212 7.0 5.4 8.0

122 13.7 11.0 16.4

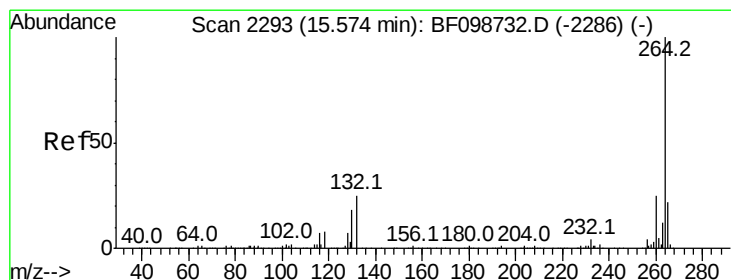
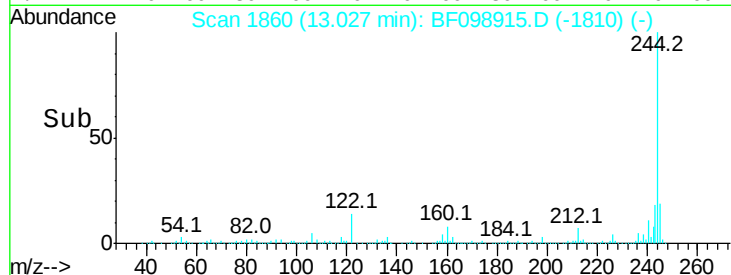
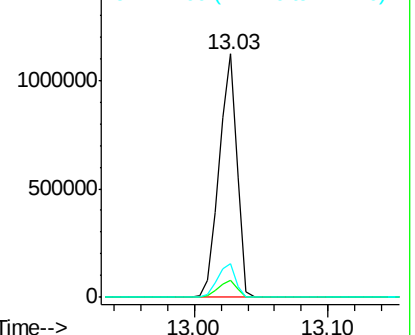
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098915.D

Acq: 28 Sep 2017 19:10

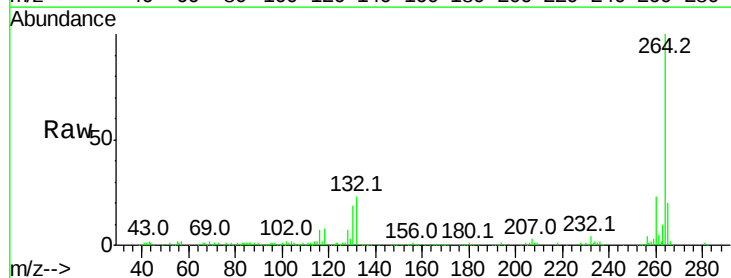
Tgt Ion:264 Resp: 197229

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

