

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097013.D
 Acq On : 25 Jul 2017 4:12
 Operator : SJ/JU
 Sample : I4360-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-12-(0-2)

Manual Integrations
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Sohil
 7/25/2017 5:36:35 PM

Quant Time: Jul 25 05:58:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	133145	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	519568	20.00	ng	-0.03
38) Acenaphthene-d10	9.54	164	187748	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	268213	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	251692	20.00	ng	-0.04
86) Perylene-d12	15.00	264	195447	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	764886	86.38	ng	-0.03
7) Phenol-d6	6.18	99	926792	87.22	ng	-0.04
23) Nitrobenzene-d5	7.08	82	554925	66.16	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	129839	81.02	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	855453	71.99	ng	-0.04
78) Terphenyl-d14	12.60	244	533851	36.78	ng	-0.03
Target Compounds						
10) Phenol	6.19	94	31324	2.608	ng	95
49) Dimethylphthalate	9.27	163	87606	6.197	ng	98
85) Indeno(1,2,3-cd)pyrene	16.24	276	6673m	3.778	ng	

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

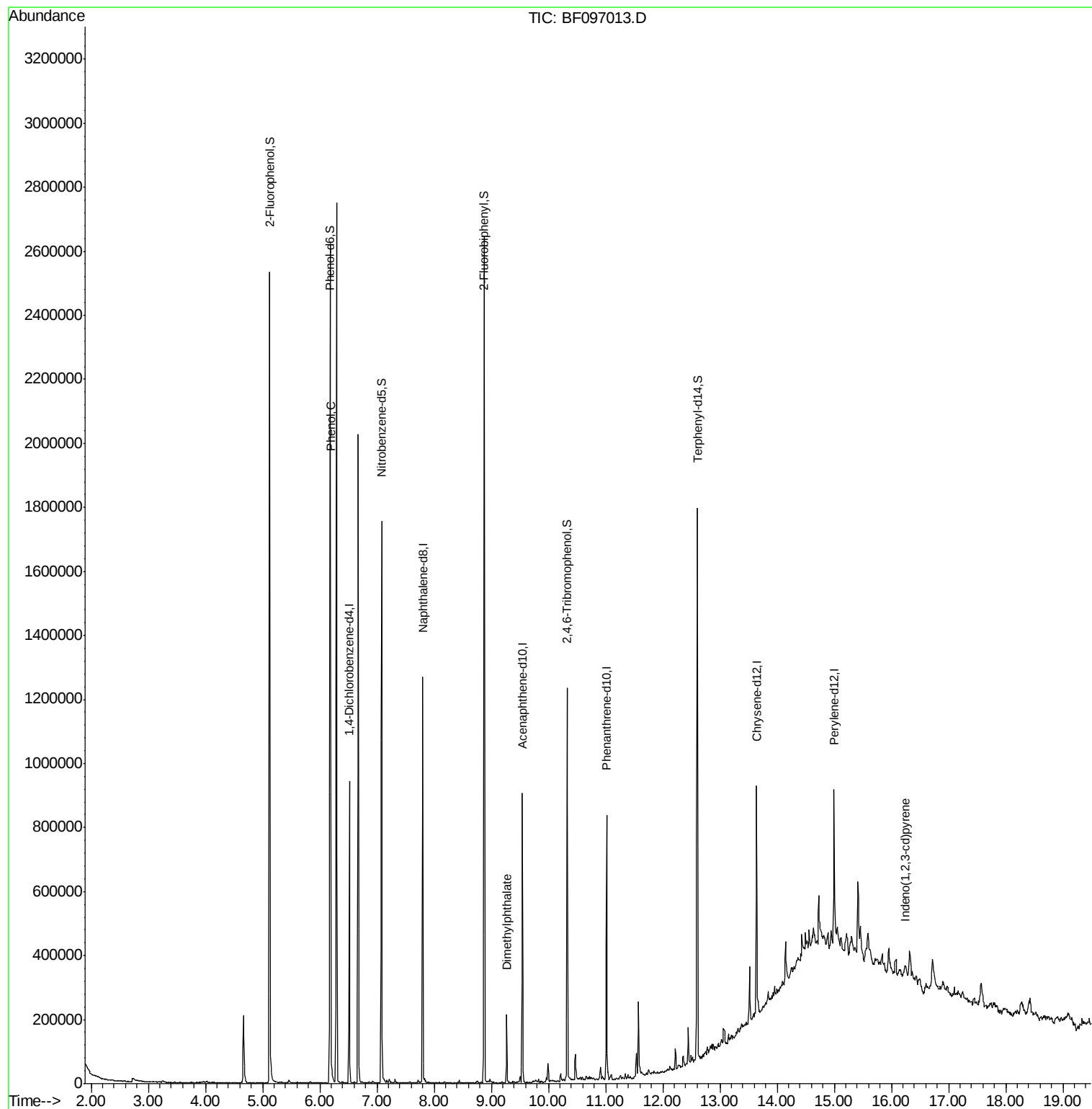
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
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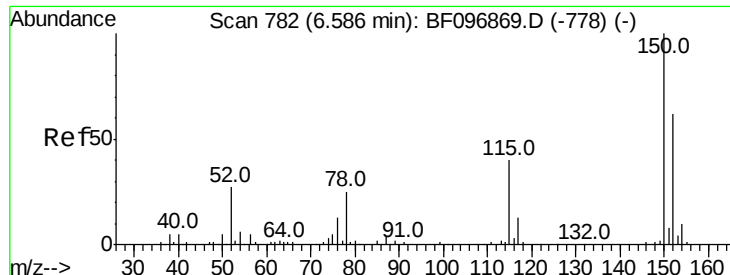
Instrument :
BNA_F
ClientSampleId :
CEMTERY-12-(0-2)

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#1

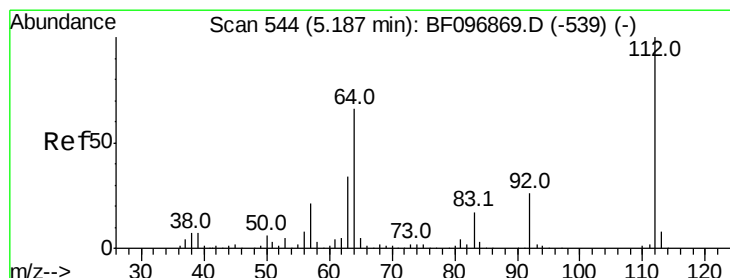
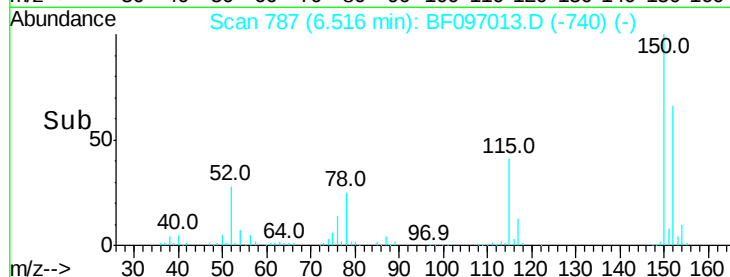
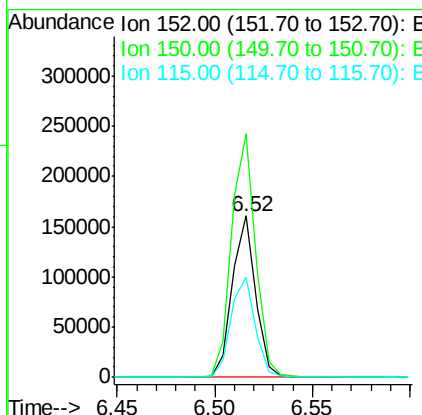
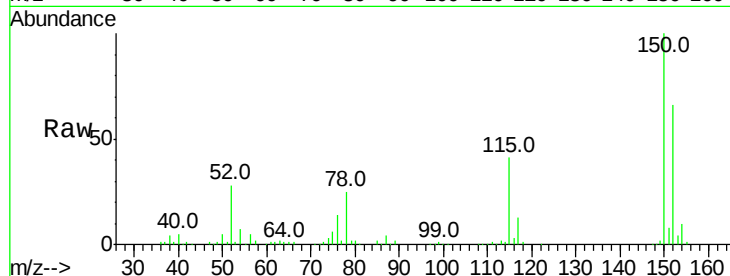
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF097013.D
Acq: 25 Jul 2017 4:12

Instrument :
BNA_F
ClientSampleId :
CEMETERY-12-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.2	189.2
115	62.6	52.2	78.2

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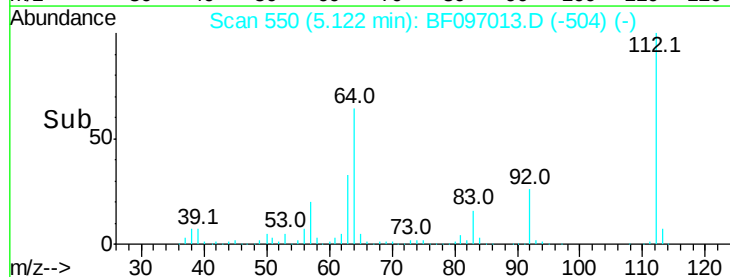
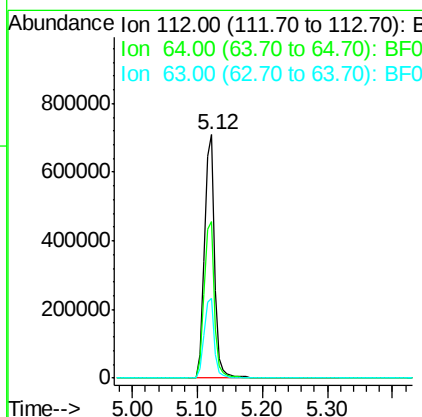
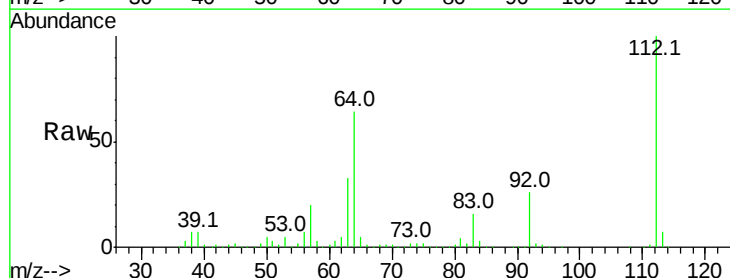
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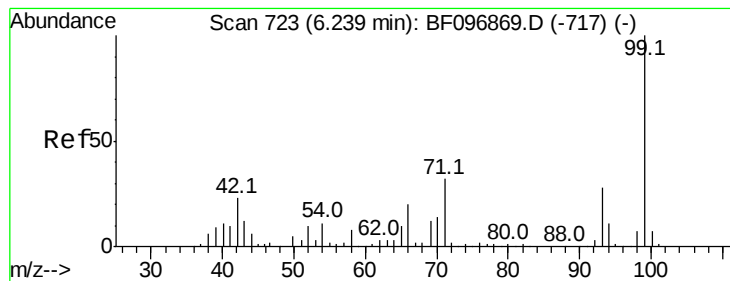


#5

2-Fluorophenol
Concen: 86.377 ng
RT: 5.12 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF097013.D
Acq: 25 Jul 2017 4:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	46.0	69.0
63	32.8	23.4	35.0





#7

Phenol-d6

Concen: 87.215 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF097013.D

Acq: 25 Jul 2017 4:12

Instrument :

BNA_F

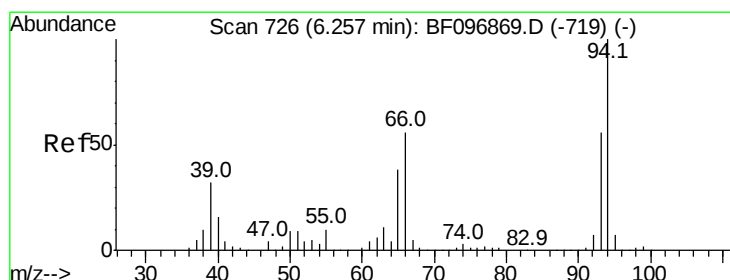
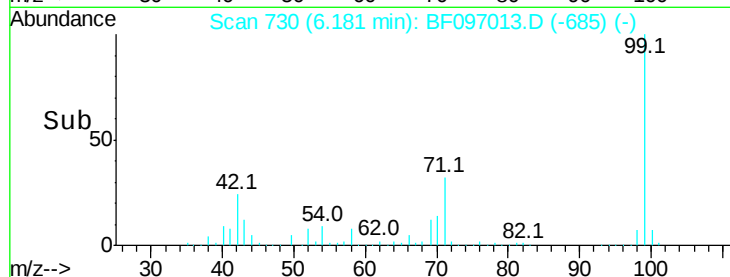
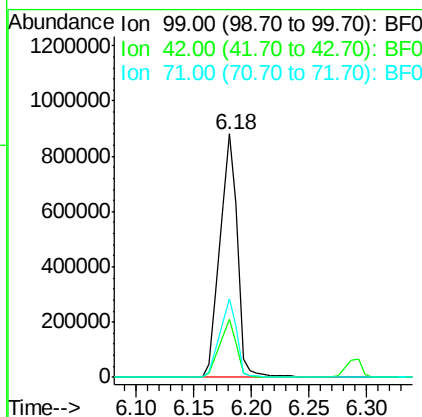
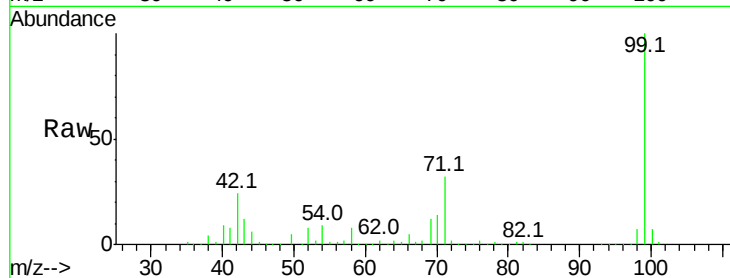
ClientSampleId :

CEMETERY-12-(0-2)

Tot Ion:	99	Resp:	926792
Ion Ratio	Lower	Upper	
99	100		
42	23.8	13.5	20.3#
71	32.4	24.5	36.7

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#10

Phenol

Concen: 2.608 ng

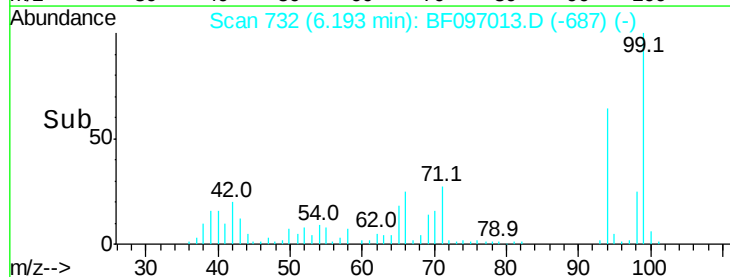
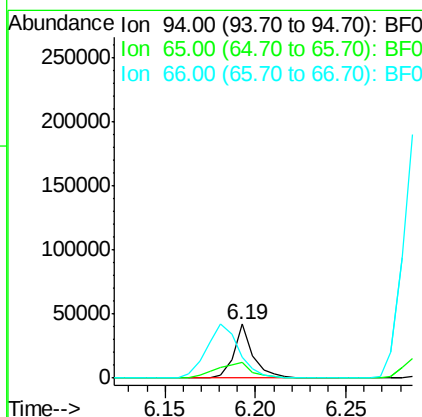
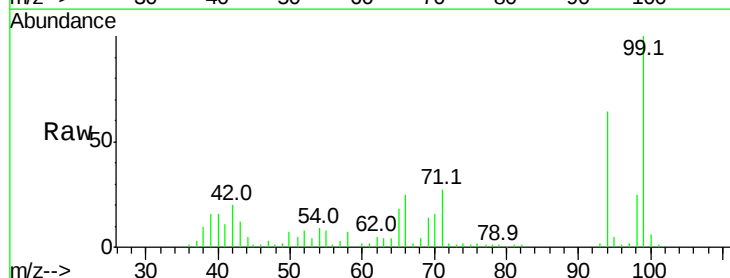
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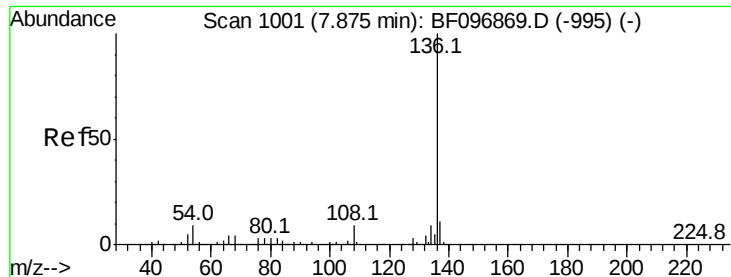
Delta R.T. -0.04 min

Lab File: BF097013.D

Acq: 25 Jul 2017 4:12

Tgt Ion:	94	Resp:	31324
Ion Ratio	Lower	Upper	
94	100		
65	28.5	9.9	49.9
66	38.9	23.1	63.1





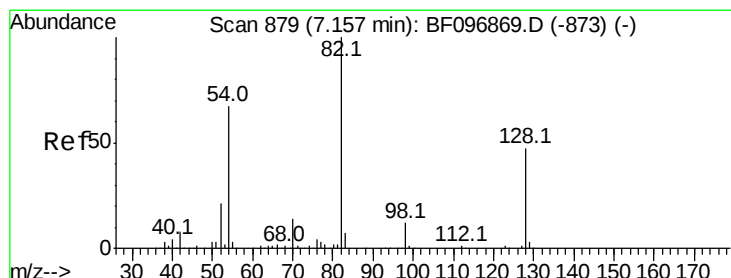
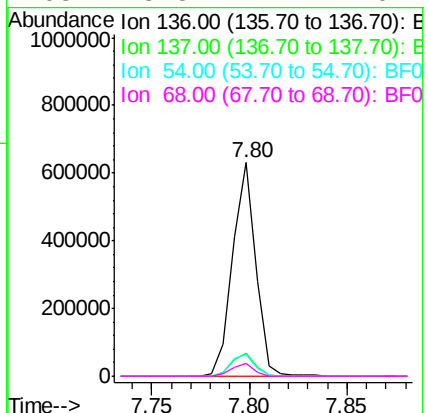
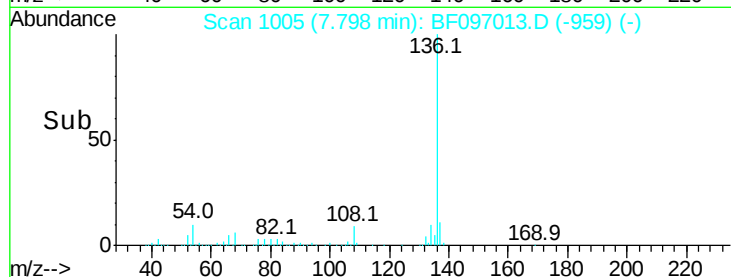
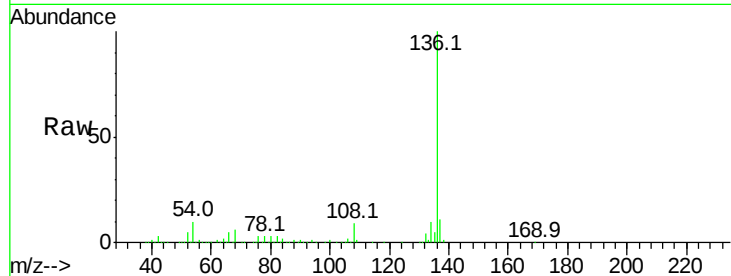
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.80 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BF097013.D
Acq: 25 Jul 2017 4:12

Instrument :
BNA_F
ClientSampleId :
CEMETERY-12-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	10.4	4.9	7.3	
68	5.8	4.1	6.1	

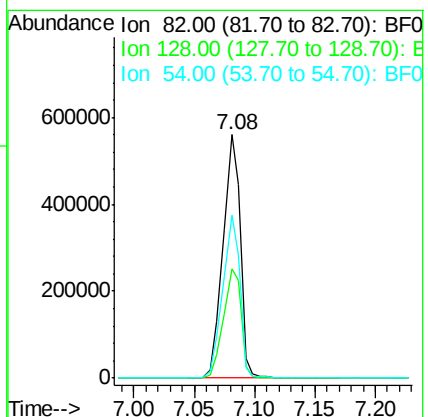
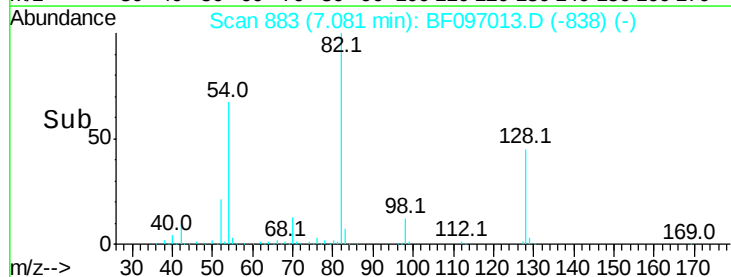
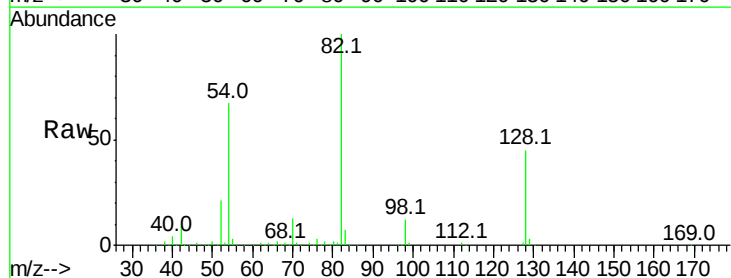
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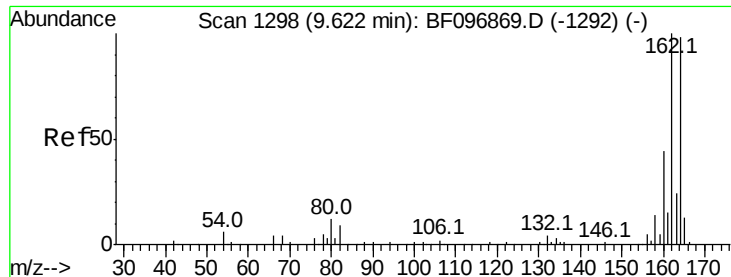
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#23
Nitrobenzene-d5
Concen: 66.156 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF097013.D
Acq: 25 Jul 2017 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.9	34.0	51.0	
54	66.8	42.2	63.2	





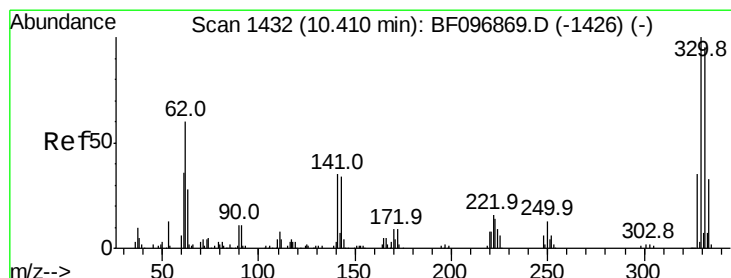
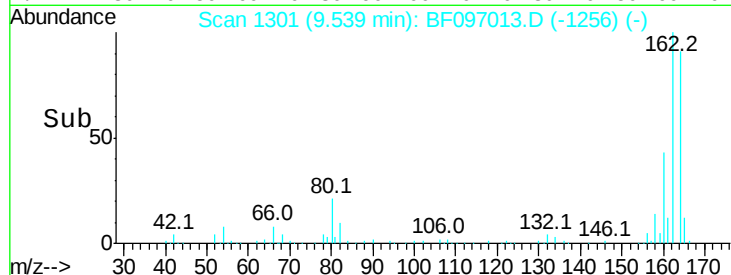
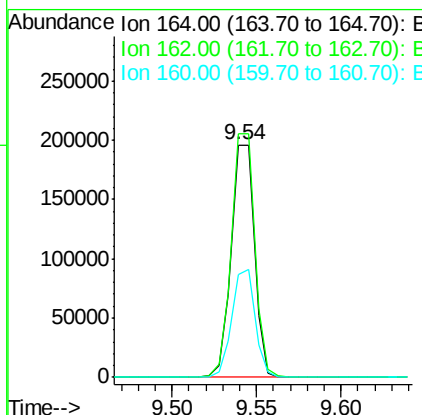
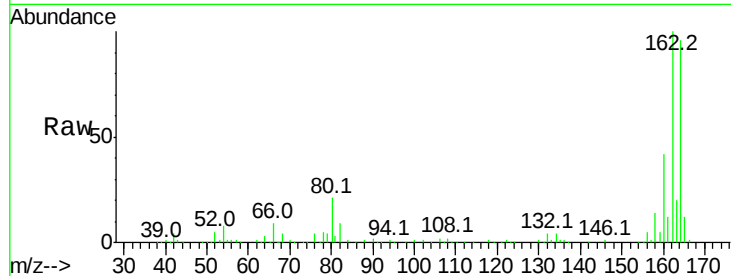
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BF097013.D
Acq: 25 Jul 2017 4:12

Instrument :
BNA_F
ClientSampleId :
CEMETERY-12-(0-2)

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	44.2	36.2	54.2

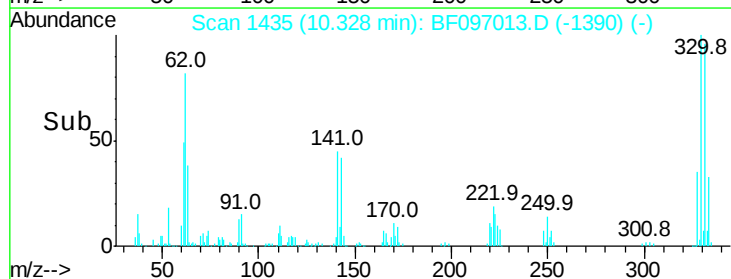
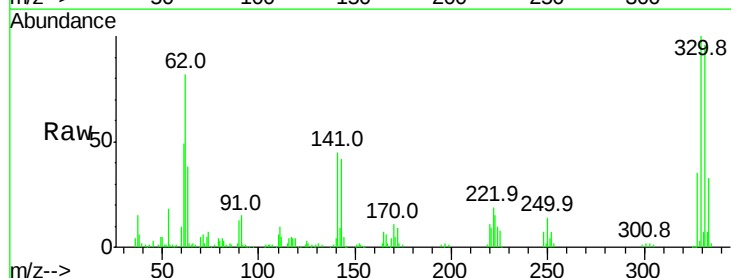
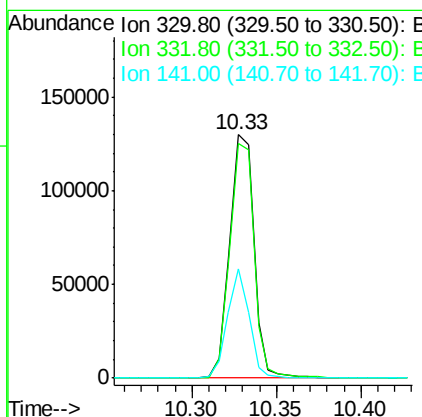
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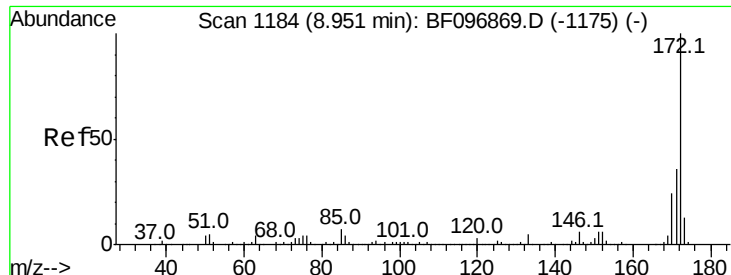
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#41
2,4,6-Tribromophenol
Concen: 81.018 ng
RT: 10.33 min Scan# 1435
Delta R.T. -0.04 min
Lab File: BF097013.D
Acq: 25 Jul 2017 4:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	40.0	31.4	47.2





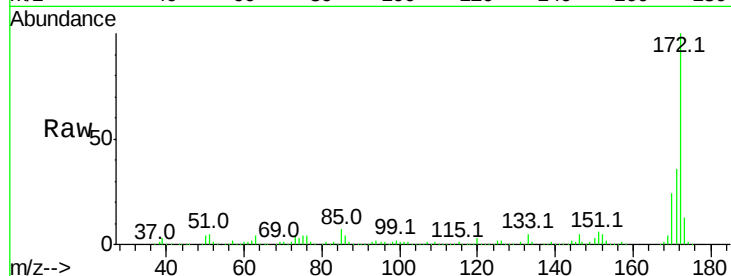
#44
2-Fluorobiphenyl
Concen: 71.987 ng
RT: 8.87 min Scan# 1188
Delta R.T. -0.04 min
Lab File: BF097013.D
Acq: 25 Jul 2017 4:12

Instrument :
BNA_F
ClientSampleId :
CEMETERY-12-(0-2)

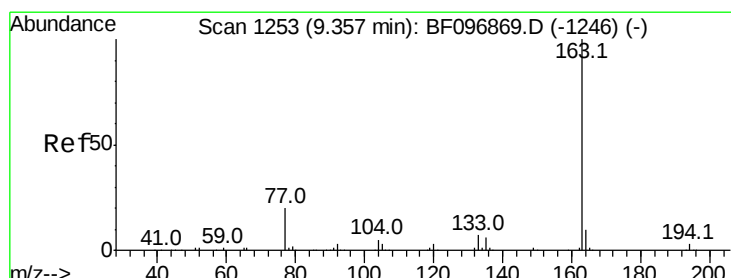
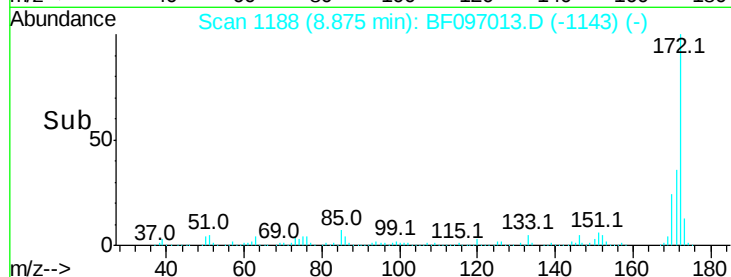
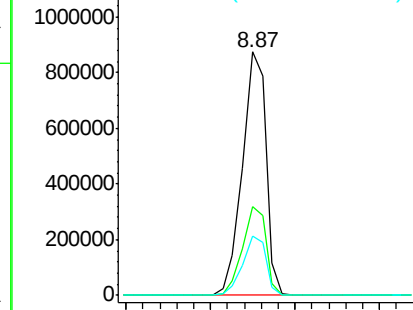
Tot Ion	Ratio	Resp	Lower	Upper
172	100	855453		
171	36.4		29.6	44.4
170	24.3		19.8	29.8

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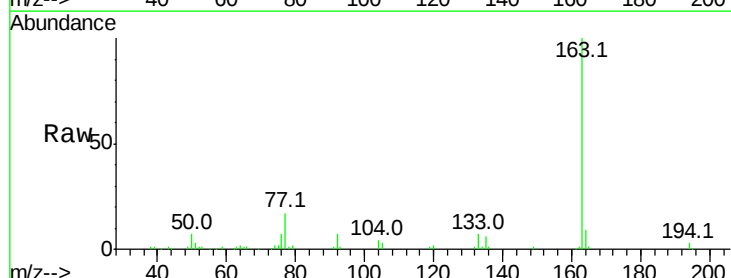


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

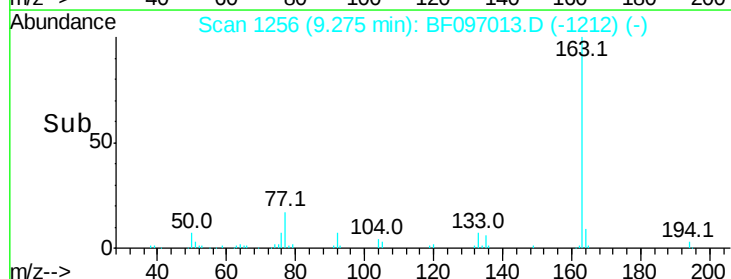
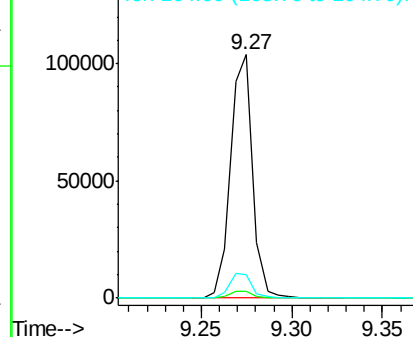


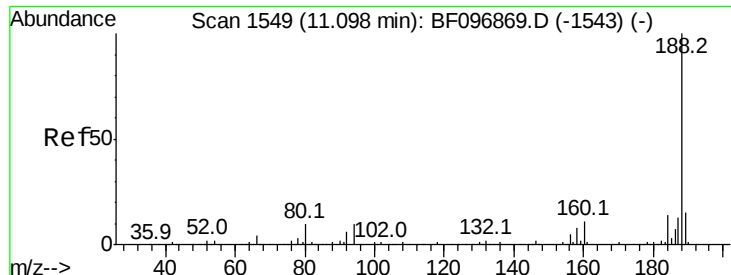
#49
Dimethylphthalate
Concen: 6.197 ng
RT: 9.27 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BF097013.D
Acq: 25 Jul 2017 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	87606		
194	3.0		2.6	4.0
164	9.5		8.4	12.6



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: 11.02 min Scan# 1552

Delta R.T. -0.04 min

Lab File: BF097013.D

Acq: 25 Jul 2017 4:12

Instrument :

BNA_F

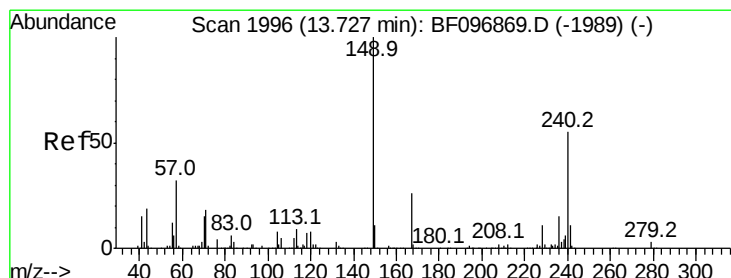
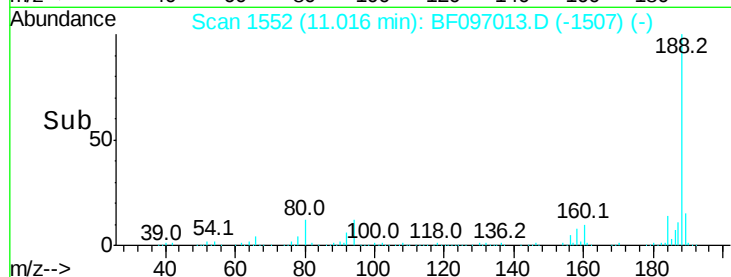
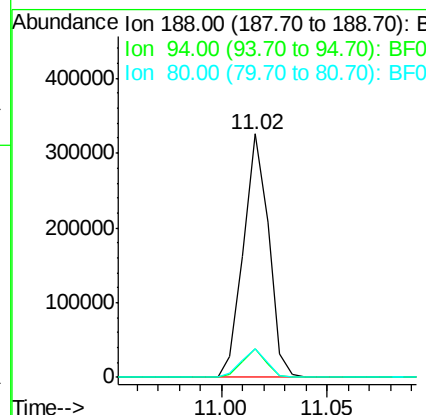
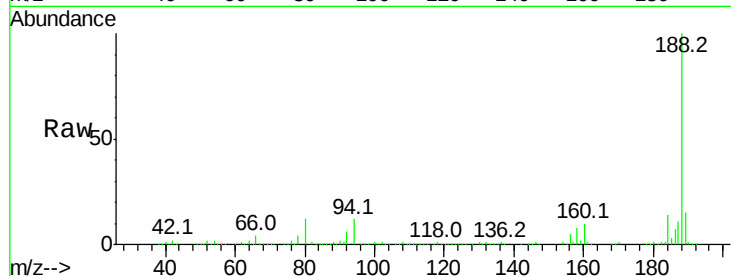
ClientSampleId :

CEMETERY-12-(0-2)

Tot Ion:	188	Resp:	268213
Ion Ratio	Lower	Upper	
188	100		
94	11.7	9.4	14.2
80	12.0	10.2	15.2

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

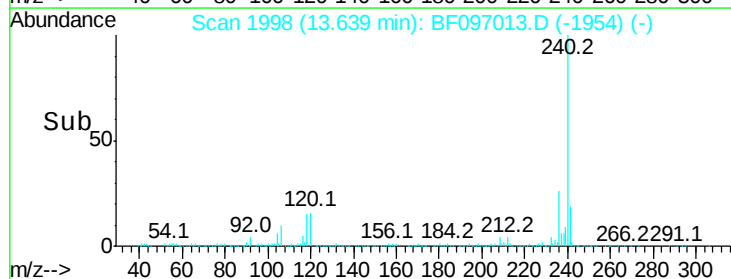
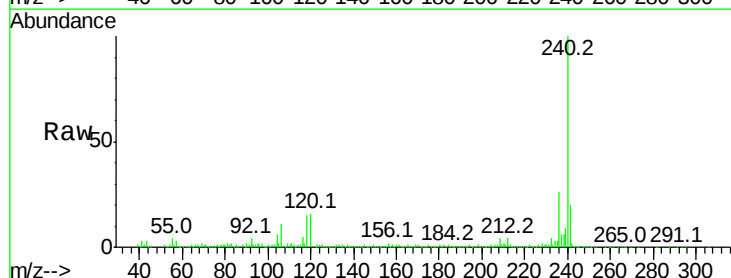
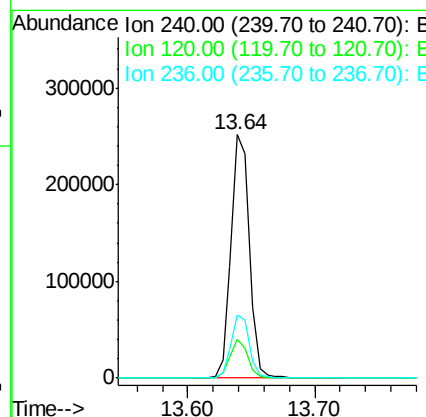
RT: 13.64 min Scan# 1998

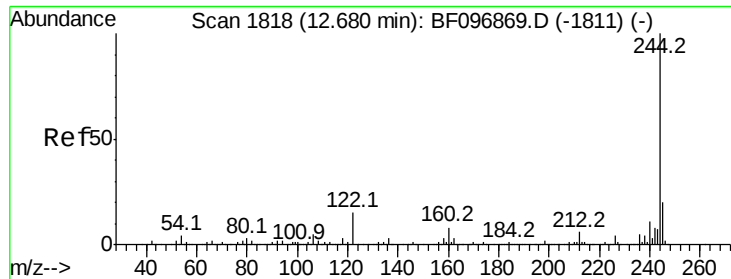
Delta R.T. -0.04 min

Lab File: BF097013.D

Acq: 25 Jul 2017 4:12

Tgt Ion:	240	Resp:	251692
Ion Ratio	Lower	Upper	
240	100		
120	16.0	5.8	8.8#
236	25.7	20.5	30.7





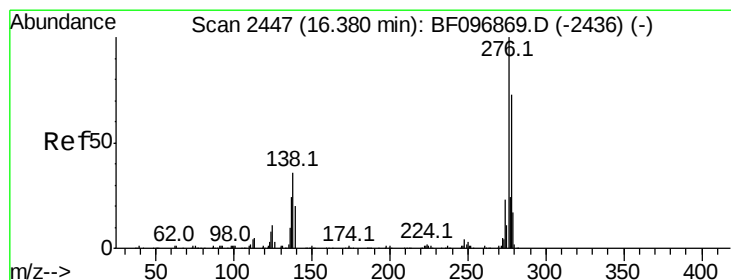
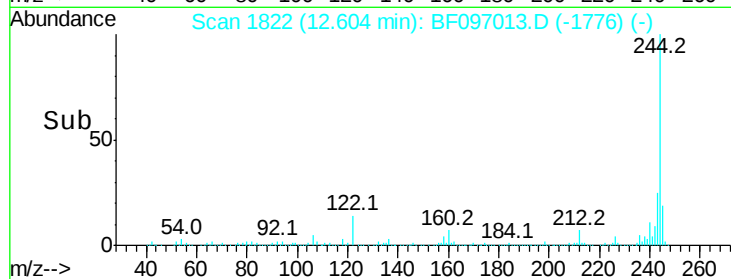
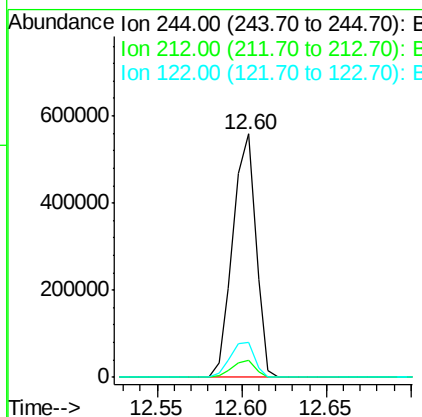
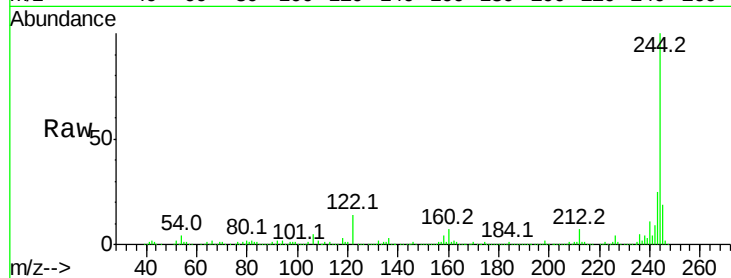
#78
 Terphenyl-d14
 Concen: 36.785 ng
 RT: 12.60 min Scan# 1822
 Delta R.T. -0.03 min
 Lab File: BF097013.D
 Acq: 25 Jul 2017 4:12

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-12-(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.2	10.3	15.5

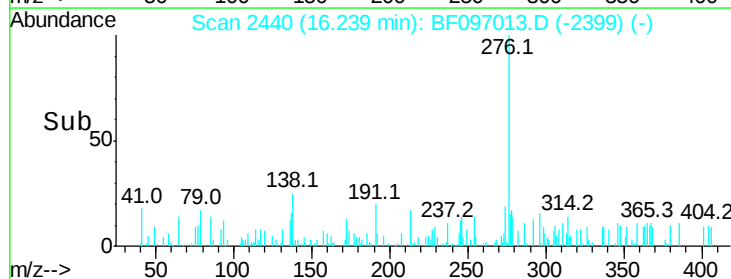
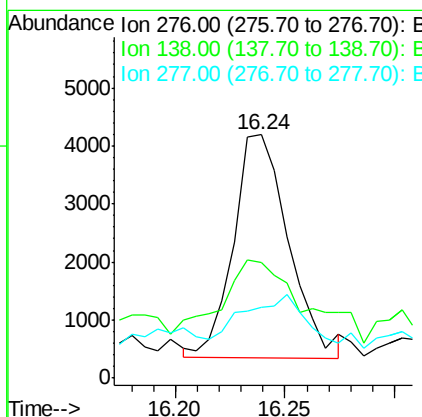
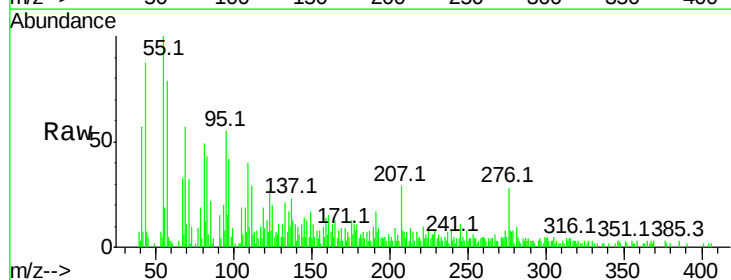
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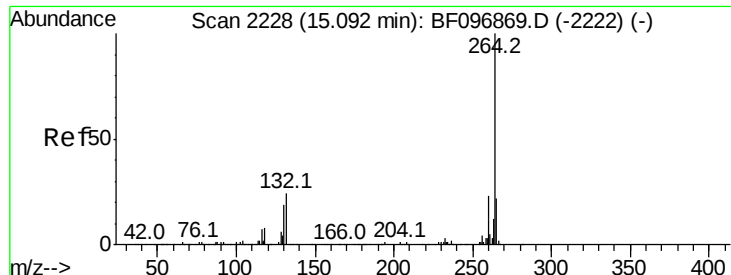
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.778 ng m
 RT: 16.24 min Scan# 2440
 Delta R.T. -0.06 min
 Lab File: BF097013.D
 Acq: 25 Jul 2017 4:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.7	27.8	41.6#
277	6.7	20.2	30.4#





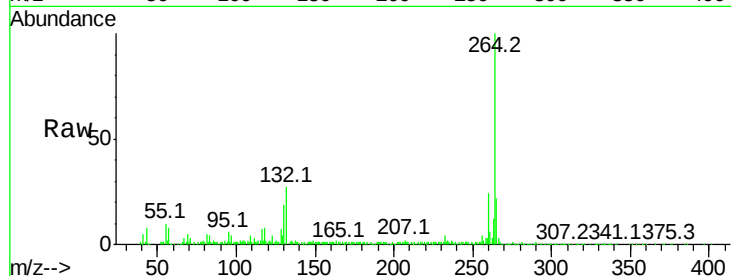
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.00 min Scan# 2229
Delta R.T. -0.04 min
Lab File: BF097013.D
Acq: 25 Jul 2017 4:12

Instrument :
BNA_F
ClientSampleId :
CEMETERY-12-(0-2)

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.3	17.2	25.8

Manual Integrations
APPROVED

Sohil
7/25/2017 5:36:35 PM



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

