

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097105.D
 Acq On : 27 Jul 2017 5:05
 Operator : SJ/JU
 Sample : I4397-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2A-14.5-15.0-072117

Manual Integrations
 APPROVED

Sohil
 7/27/2017 12:31:45 PM

Quant Time: Jul 27 09:44:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	95915	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	379419	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	123513	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	200504	20.00	ng	0.00
75) Chrysene-d12	13.63	240	186510	20.00	ng	0.00
86) Perylene-d12	14.98	264	132460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	597755	93.95	ng	0.00
7) Phenol-d6	6.16	99	614369	84.58	ng	-0.01
23) Nitrobenzene-d5	7.06	82	340259	52.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	94990	97.34	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	588173	80.82	ng	-0.01
78) Terphenyl-d14	12.59	244	397001	43.40	ng	0.00
Target Compounds						
10) Phenol	6.17	94	21765	2.526	ng	88
49) Dimethylphthalate	9.26	163	94033	10.026	ng	100
74) Fluoranthene	12.20	202	33822	3.214	ng	99

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

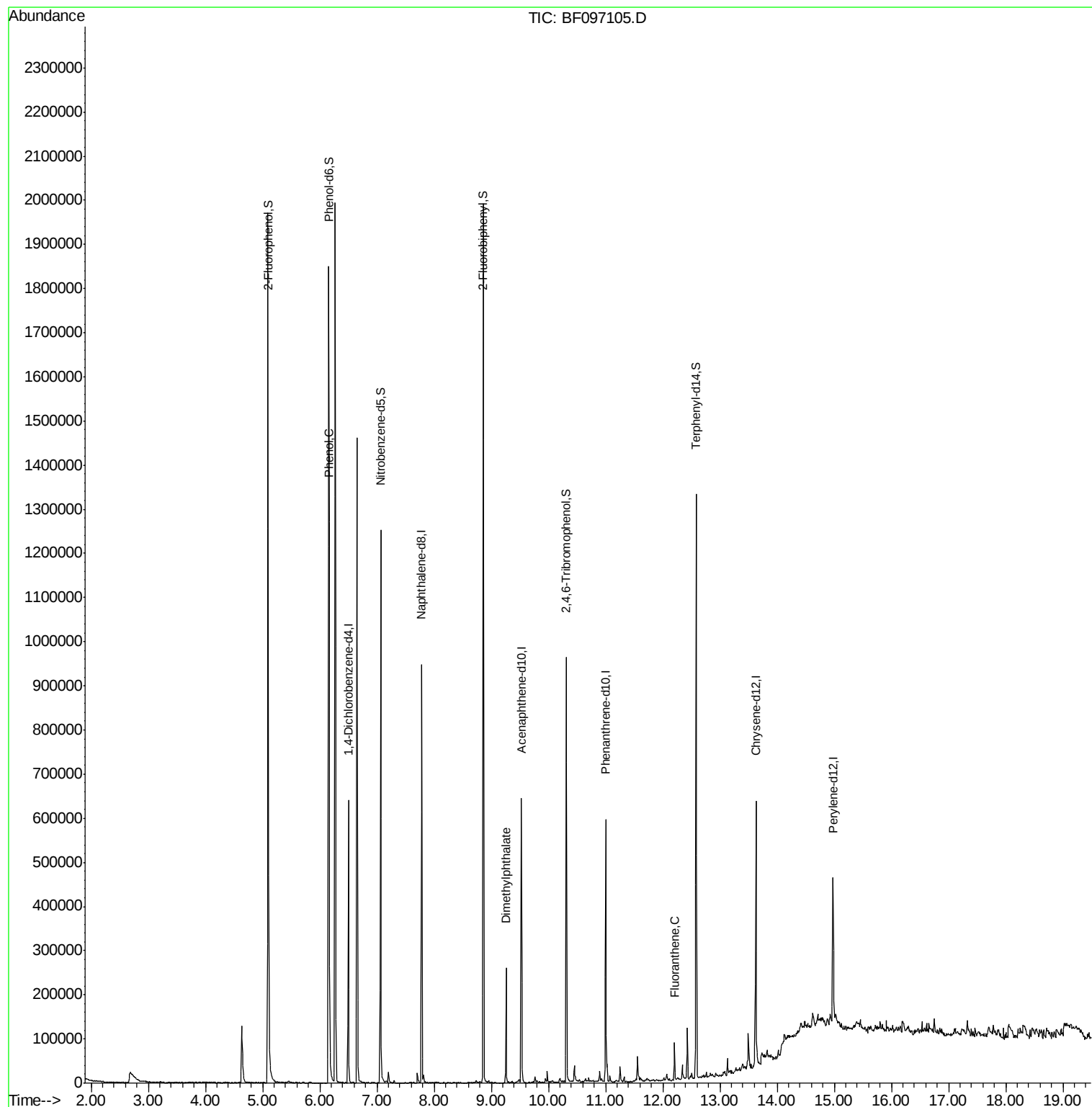
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097105.D
Acq On : 27 Jul 2017 5:05
Operator : SJ/JU
Sample : I4397-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

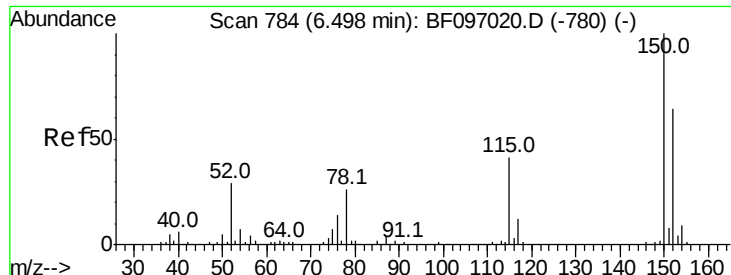
Instrument :
BNA_F
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T-2A-14.5-15.0-072117

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#1

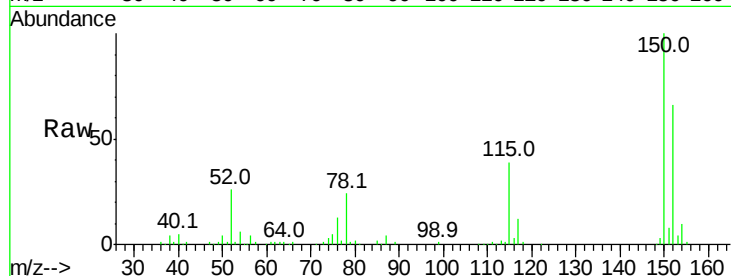
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097105.D
Acq: 27 Jul 2017 5:05

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.2	189.2
115	59.1	52.2	78.2

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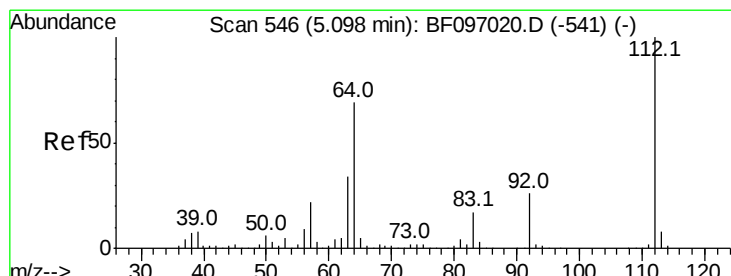
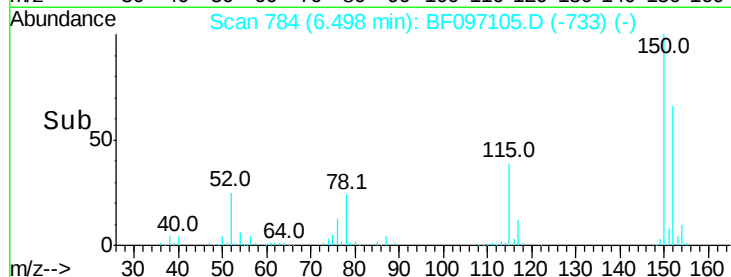
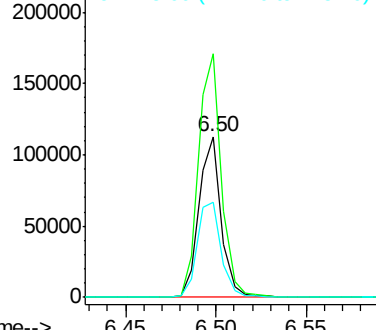


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

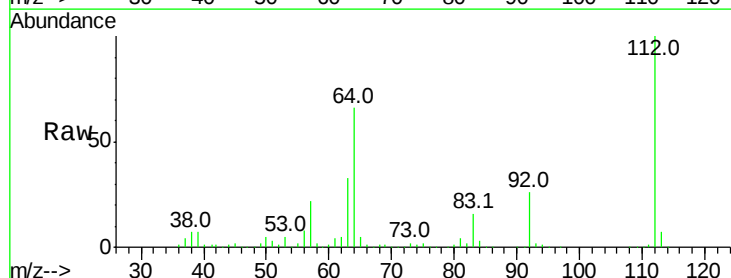
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.949 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097105.D
Acq: 27 Jul 2017 5:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	46.0	69.0
63	33.3	23.4	35.0

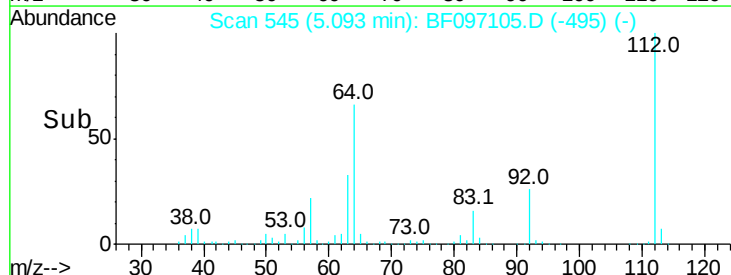
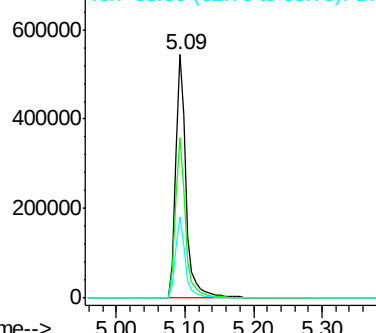


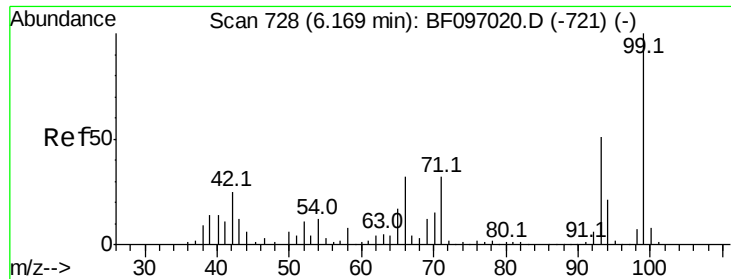
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.582 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097105.D

Acq: 27 Jul 2017 5:05

Instrument :

BNA_F

ClientSampleId :

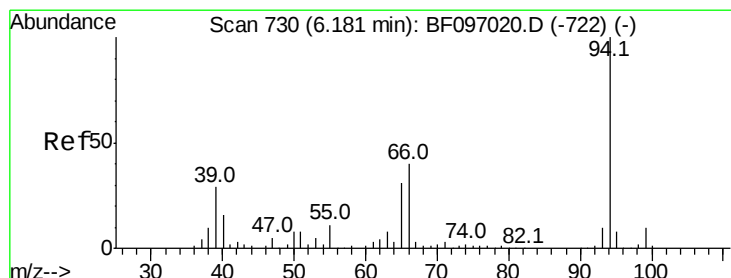
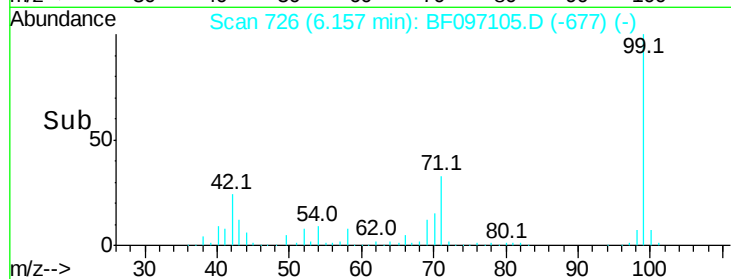
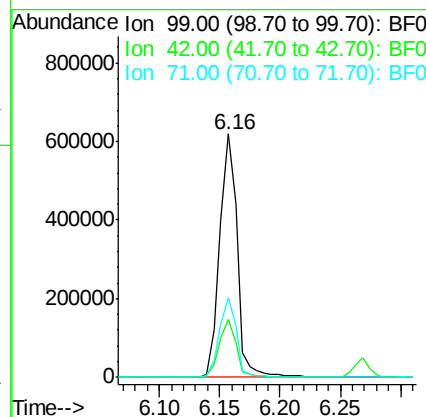
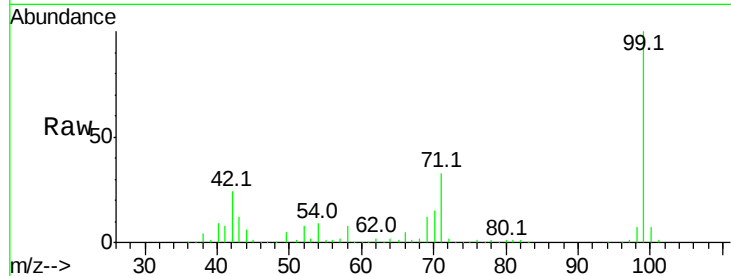
T-2A-14.5-15.0-072117

Tot Ion:	99	Resp:	614369
Ion	Ratio	Lower	Upper
99	100		
42	23.8	13.5	20.3#
71	32.9	24.5	36.7

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#10

Phenol

Concen: 2.526 ng

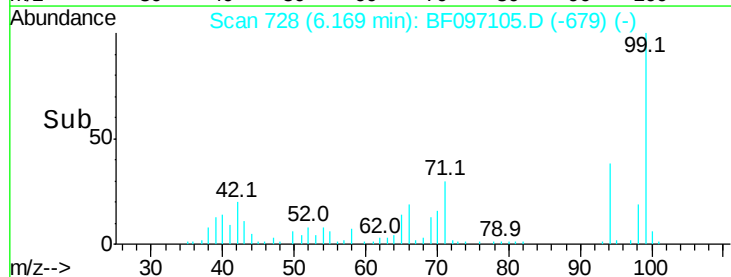
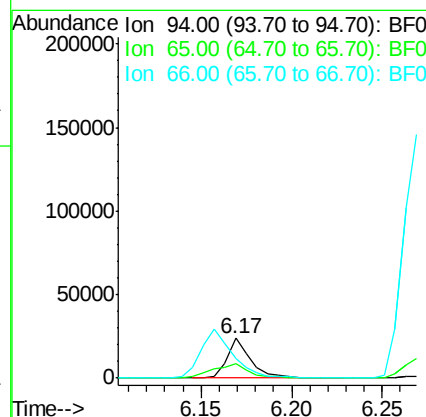
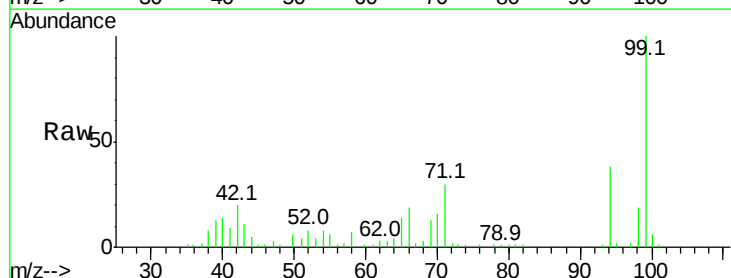
RT: 6.17 min Scan# 728

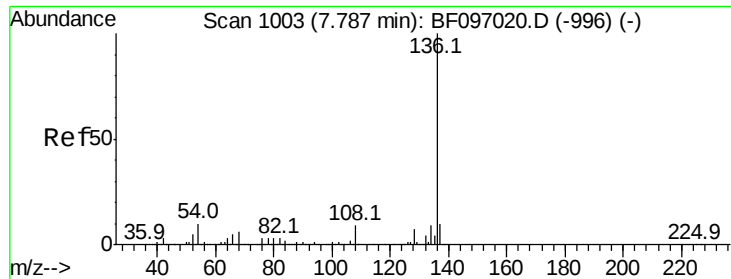
Delta R.T. -0.01 min

Lab File: BF097105.D

Acq: 27 Jul 2017 5:05

Tgt Ion:	94	Resp:	21765
Ion	Ratio	Lower	Upper
94	100		
65	36.6	9.9	49.9
66	50.3	23.1	63.1





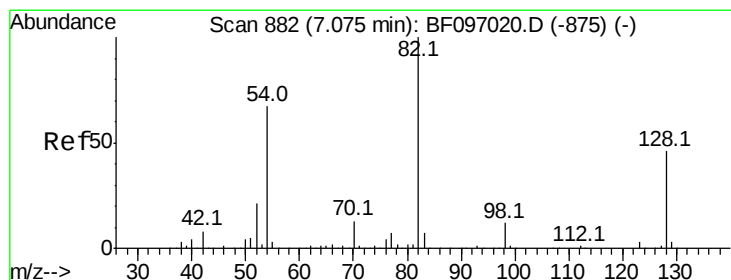
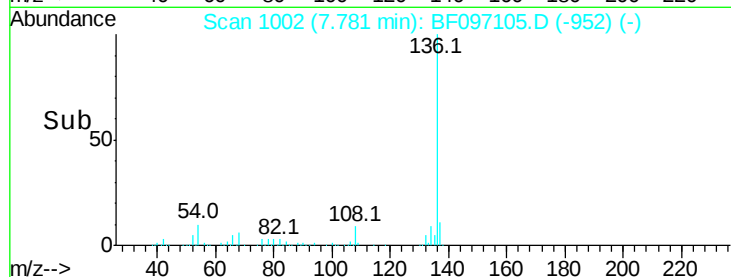
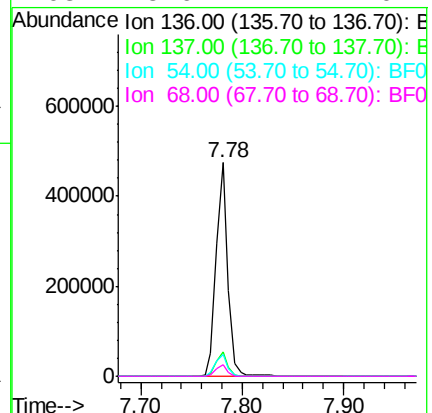
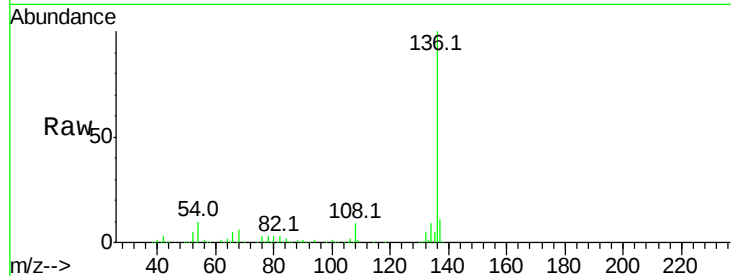
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097105.D
Acq: 27 Jul 2017 5:05

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.5	12.7	
54	9.9	4.9	7.3#	
68	5.6	4.1	6.1	

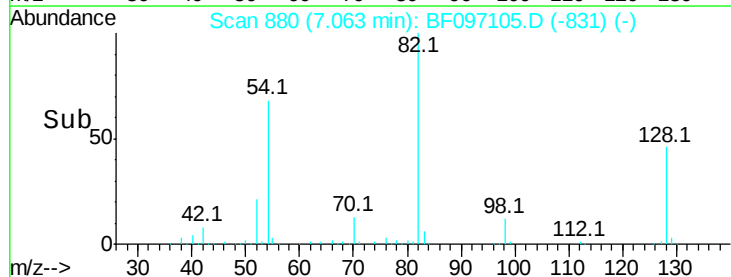
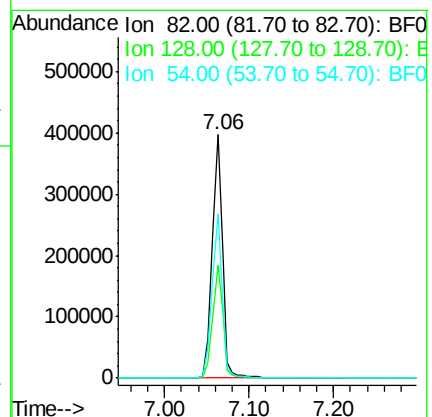
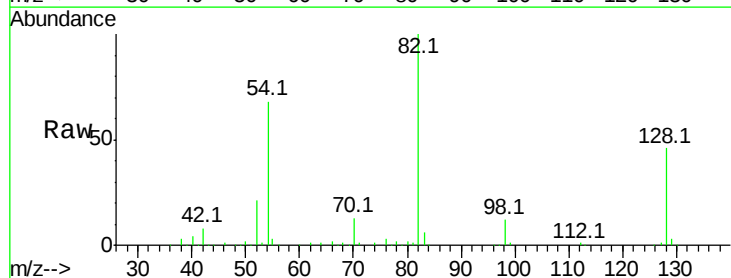
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#23
Nitrobenzene-d5
Concen: 52.609 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097105.D
Acq: 27 Jul 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.5	34.0	51.0	
54	67.7	42.2	63.2#	





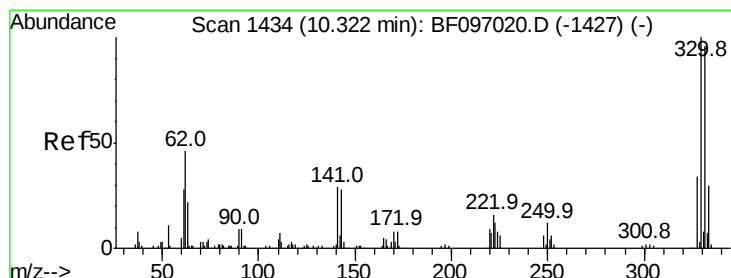
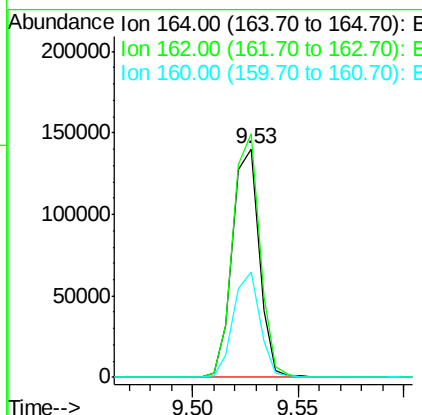
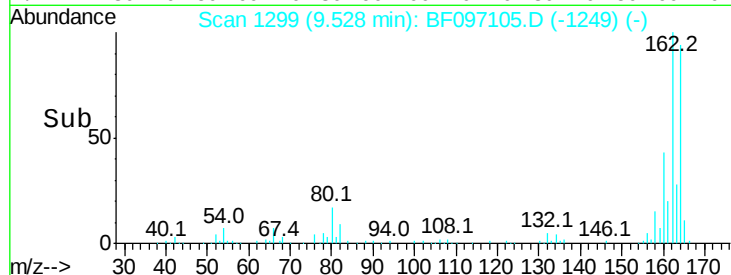
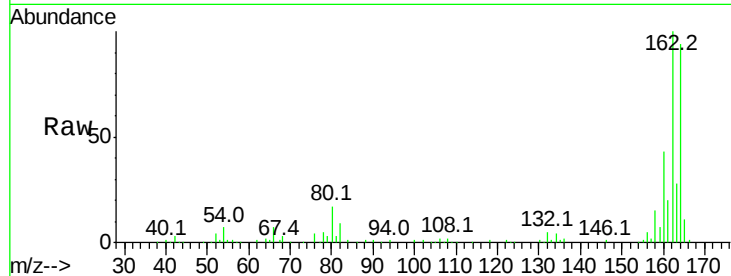
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097105.D
 Acq: 27 Jul 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 T-2A-14.5-15.0-072117

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.7	82.6	123.8	
160	45.9	36.2	54.2	

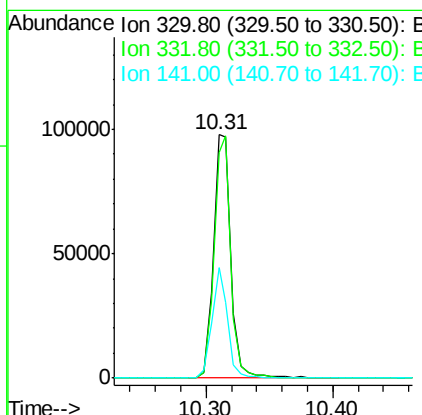
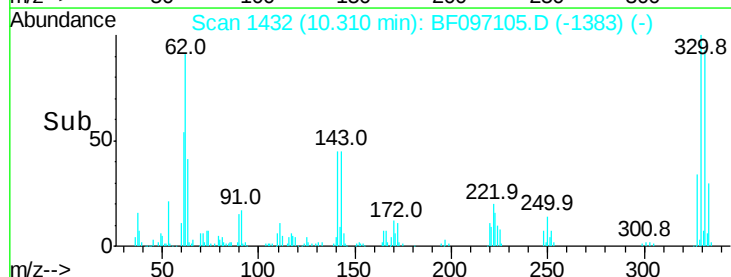
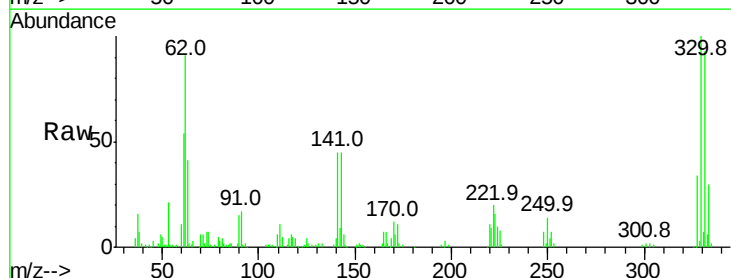
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#41
 2,4,6-Tribromophenol
 Concen: 97.339 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097105.D
 Acq: 27 Jul 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	76.6	115.0	
141	40.2	31.4	47.2	





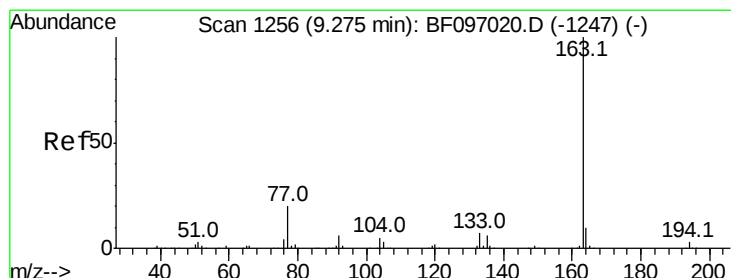
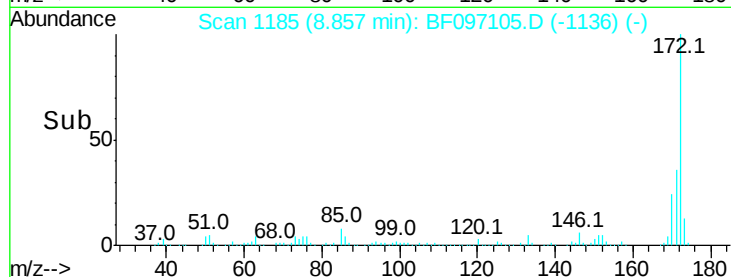
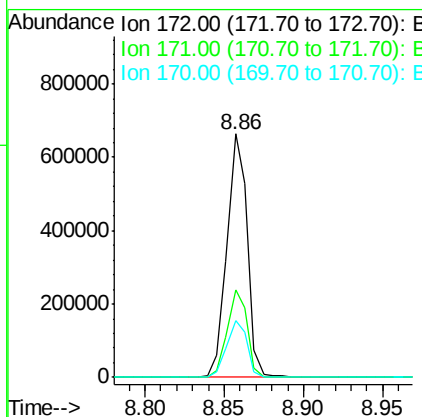
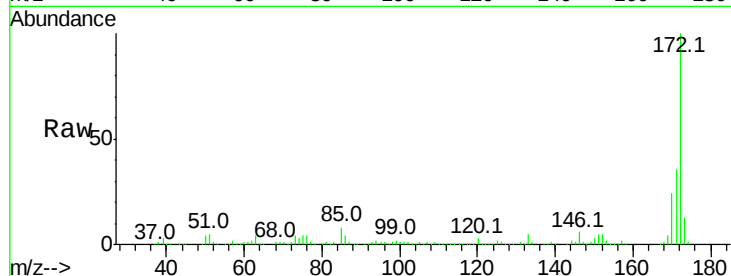
#44
2-Fluorobiphenyl
Concen: 80.816 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097105.D
Acq: 27 Jul 2017 5:05

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.6	19.8	29.8

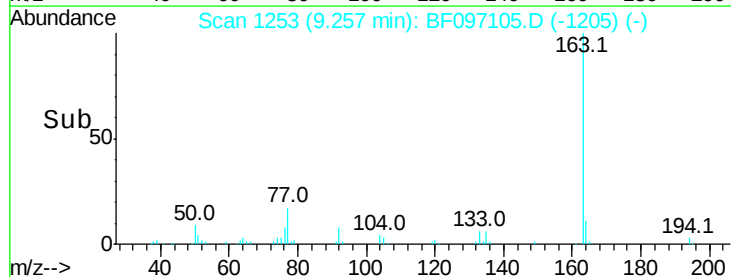
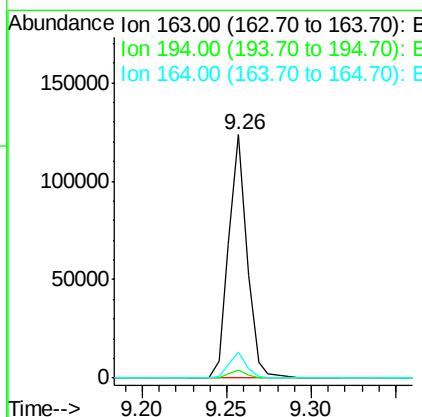
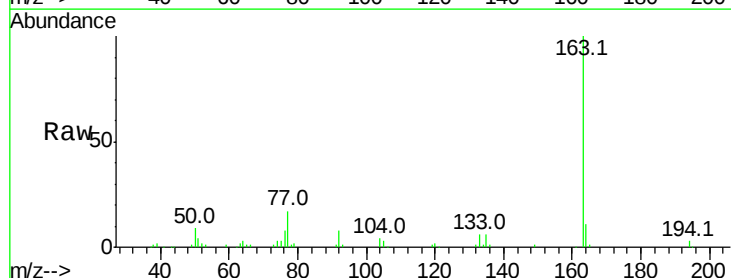
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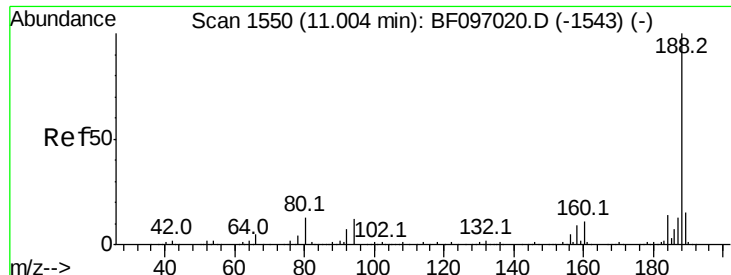
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#49
Dimethylphthalate
Concen: 10.026 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097105.D
Acq: 27 Jul 2017 5:05

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.5	8.4	12.6





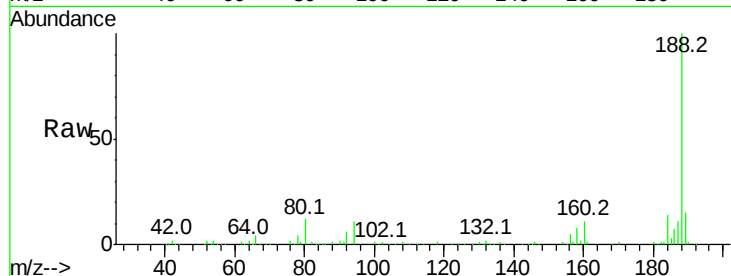
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097105.D
Acq: 27 Jul 2017 5:05

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

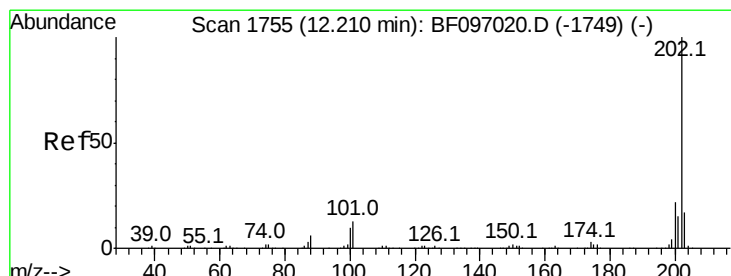
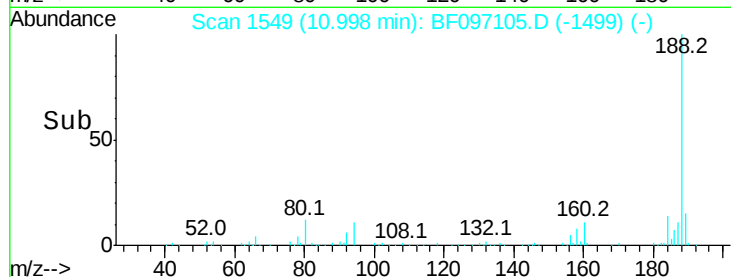
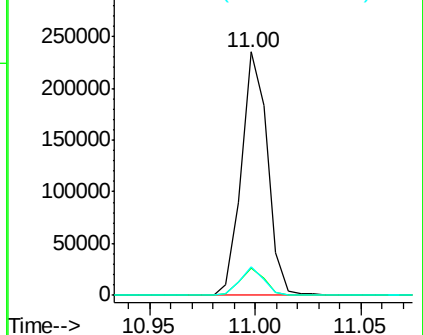
Tot Ion	Ratio	Resp	Lower	Upper
188	100	200504		
94	11.4		9.4	14.2
80	11.9		10.2	15.2

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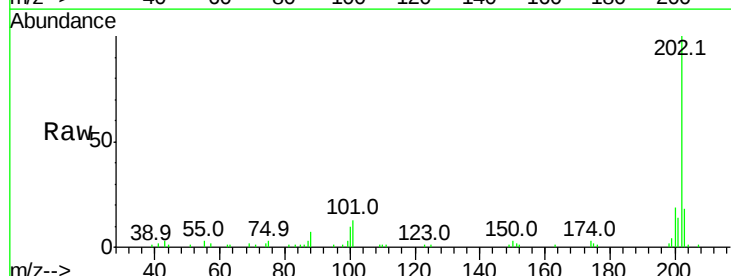


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

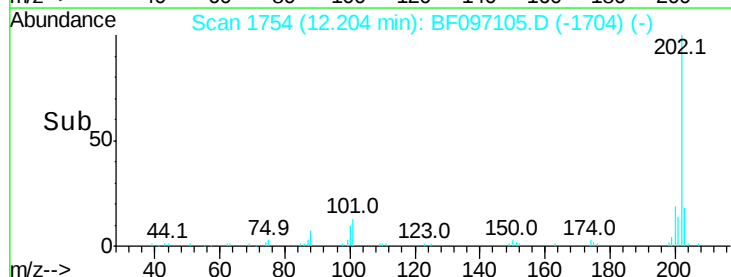
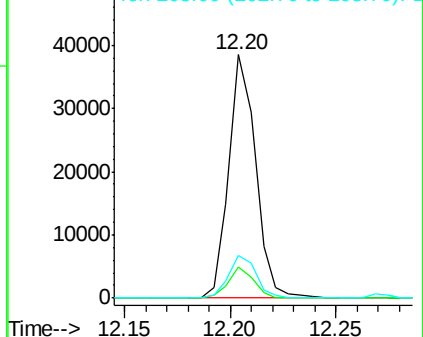


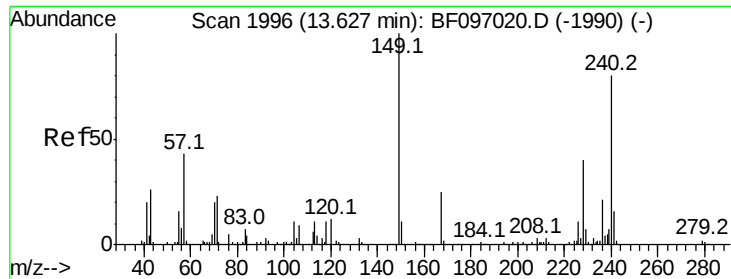
#74
Fluoranthene
Concen: 3.214 ng
RT: 12.20 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF097105.D
Acq: 27 Jul 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	33822		
101	12.8		0.0	33.2
203	17.6		0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.63 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF097105.D

Acq: 27 Jul 2017 5:05

Instrument :

BNA_F

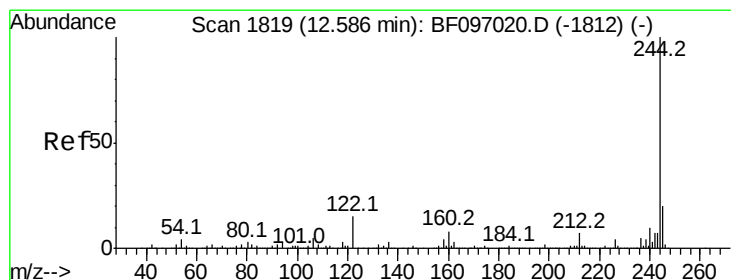
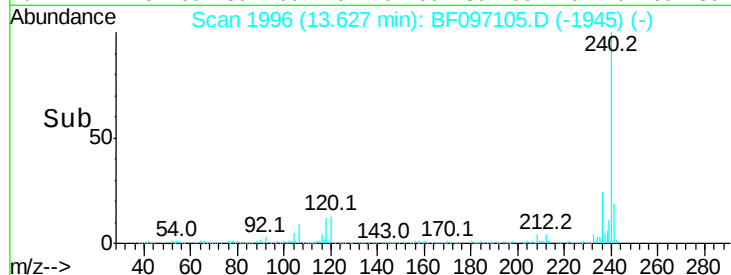
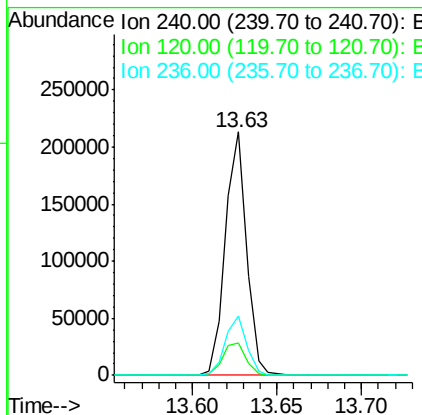
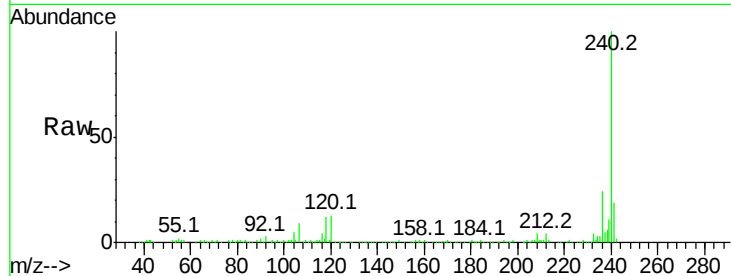
ClientSampleId :

T-2A-14.5-15.0-072117

Tot Ion:240 Resp: 186510
 Ion Ratio Lower Upper
 240 100
 120 13.5 5.8 8.8#
 236 24.1 20.5 30.7

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#78

Terphenyl-d14

Concen: 43.399 ng

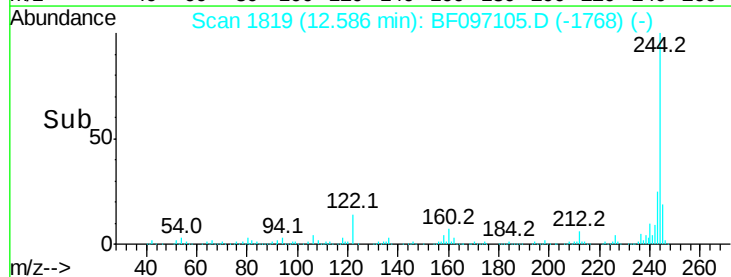
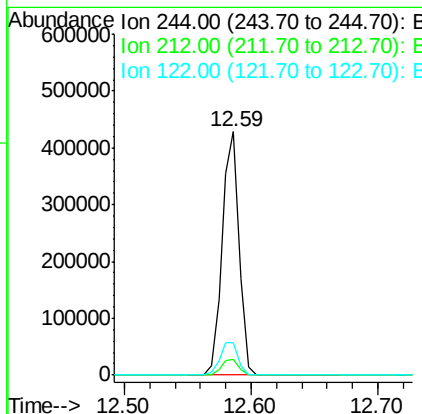
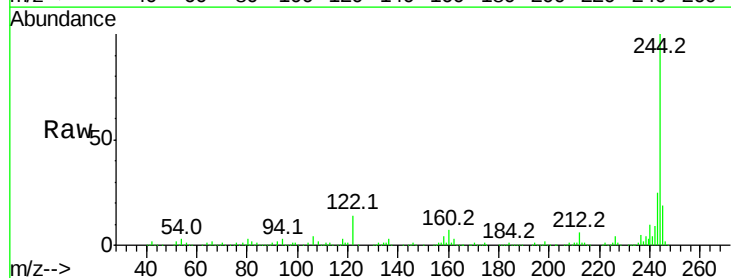
RT: 12.59 min Scan# 1819

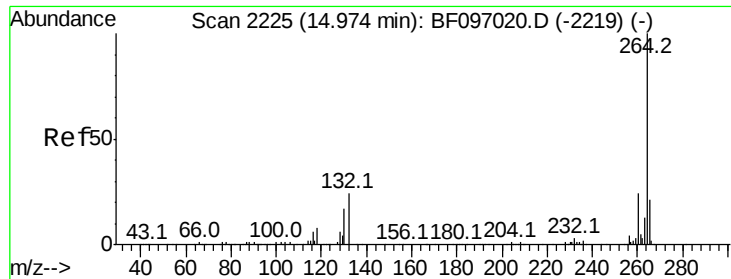
Delta R.T. -0.00 min

Lab File: BF097105.D

Acq: 27 Jul 2017 5:05

Tgt Ion:244 Resp: 397001
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.0 9.0
 122 13.6 10.3 15.5





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.98 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF097105.D
 Acq: 27 Jul 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 T-2A-14.5-15.0-072117

Tot Ion:	264	Resp:	132460
Ion Ratio		Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.0	17.2	25.8

Manual Integrations
 APPROVED

Sohil
 7/27/2017 12:31:45 PM

