

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097156.D
 Acq On : 28 Jul 2017 16:01
 Operator : SJ/JU
 Sample : I4420-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2A-1-2-3-4-5-COMP-(0-10)

Manual Integrations
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 7/31/2017 6:52:09 PM

Quant Time: Jul 28 17:37:21 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	6.49	152	106993	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	438786	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	163834	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	228867	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	213535	20.00	ng	-0.02
86) Perylene-d12	14.96	264	175464	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	782261	110.22	ng	-0.01
7) Phenol-d6	6.16	99	931170	114.92	ng	-0.01
23) Nitrobenzene-d5	7.06	82	522493	69.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	127623	98.59	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	774176	80.19	ng	-0.02
78) Terphenyl-d14	12.57	244	470027	44.88	ng	-0.01
Target Compounds						
10) Phenol	6.16	94	32904	3.424	ng	Qvalue # 72
49) Dimethylphthalate	9.25	163	99156	7.970	ng	100
74) Fluoranthene	12.19	202	32516	2.707	ng	96

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

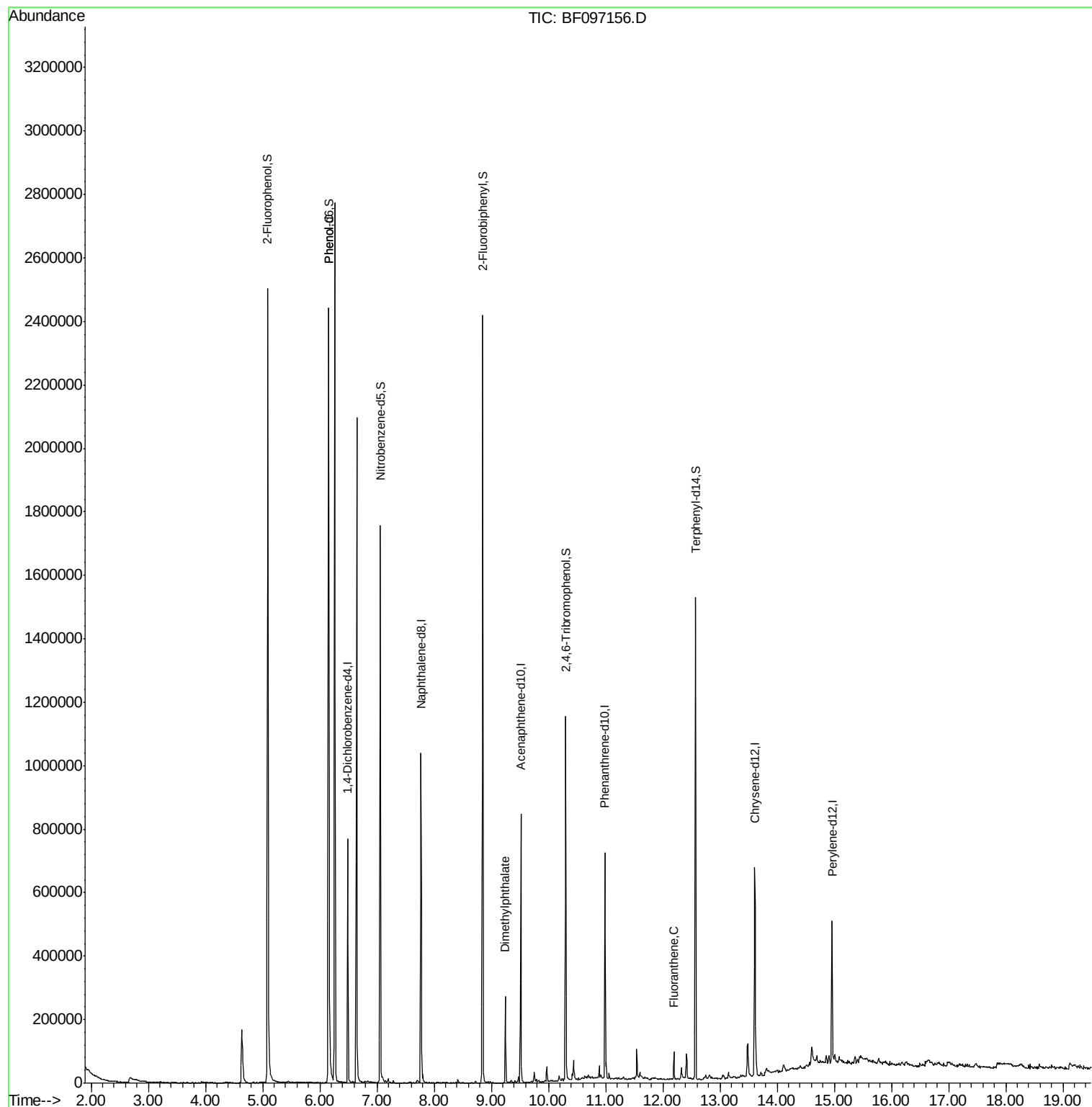
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
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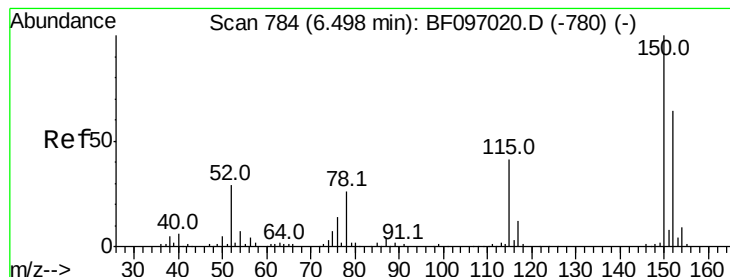
Instrument :
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2A-1-2-3-4-5-COMP-(0-10)

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#1

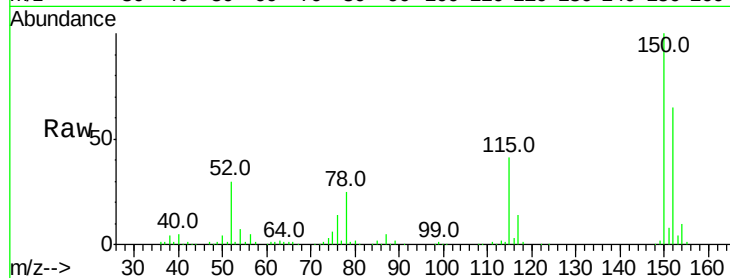
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097156.D
Acq: 28 Jul 2017 16:01

Instrument :
BNA_F
ClientSampleId :
2A-1-2-3-4-5-COMP-(0-10)

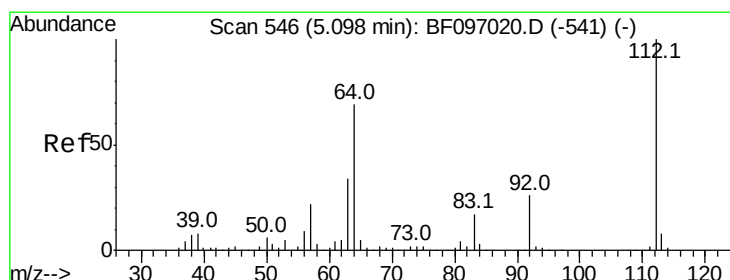
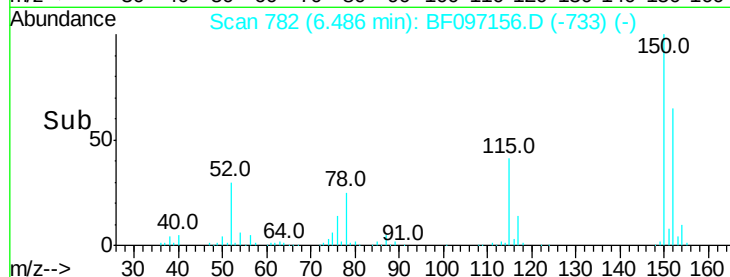
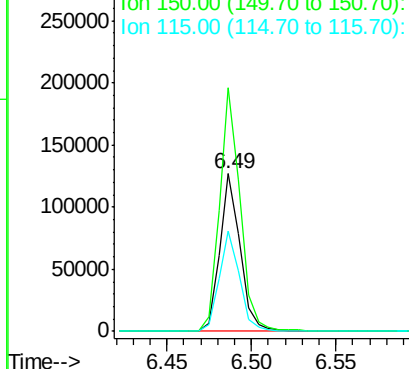
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	63.9	52.2	78.2

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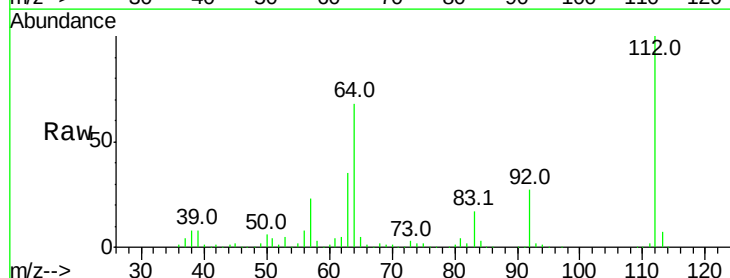
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



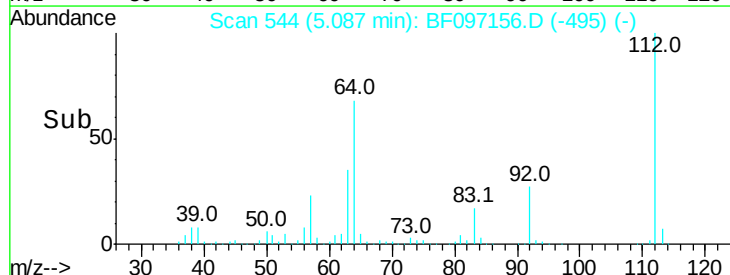
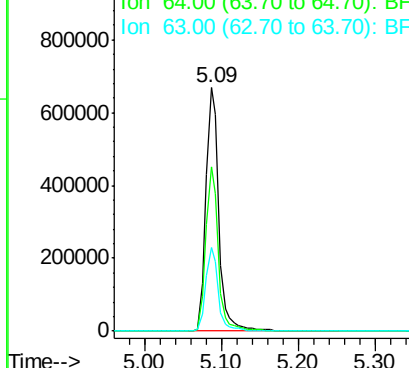
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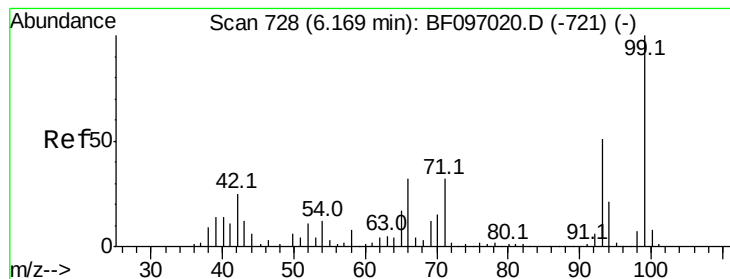
2-Fluorophenol
Concen: 110.217 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097156.D
Acq: 28 Jul 2017 16:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	46.0	69.0
63	34.6	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: 114.923 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097156.D

Acq: 28 Jul 2017 16:01

Instrument :

BNA_F

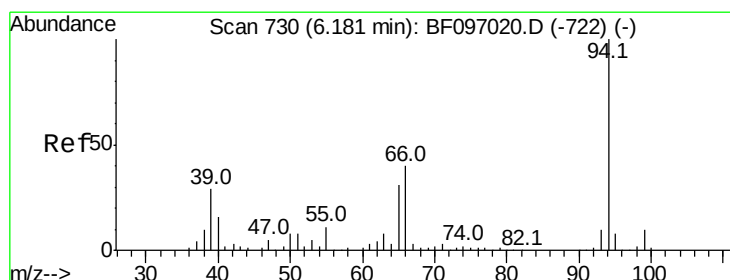
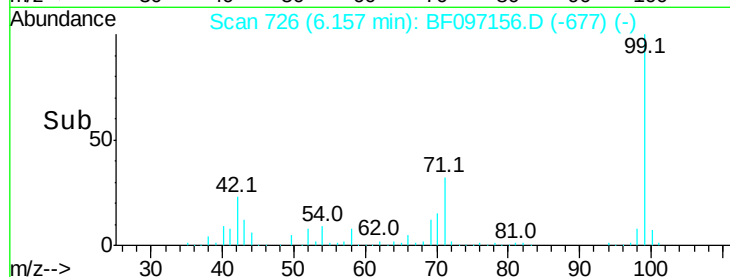
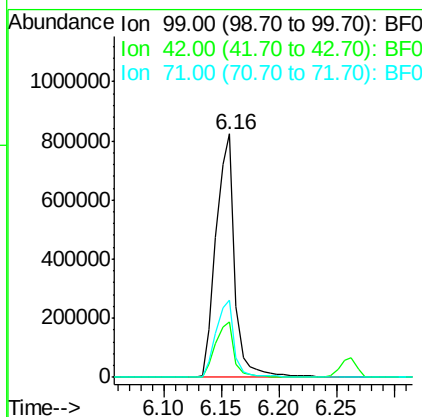
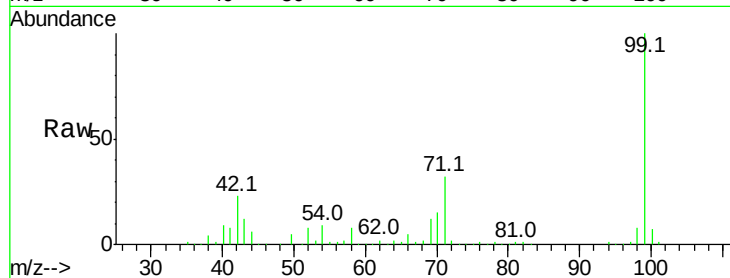
ClientSampleId :

2A-1-2-3-4-5-COMP-(0-10)

Tot Ion:	99	Resp:	931170
Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.5	20.3#
71	31.8	24.5	36.7

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#10

Phenol

Concen: 3.424 ng

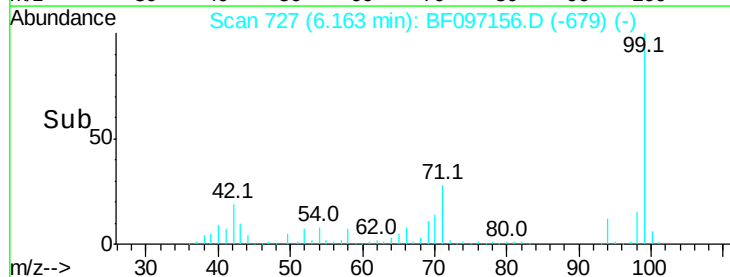
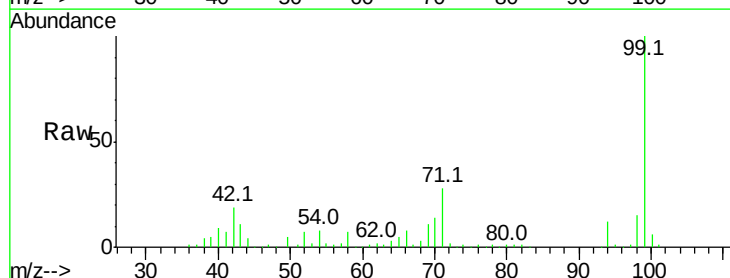
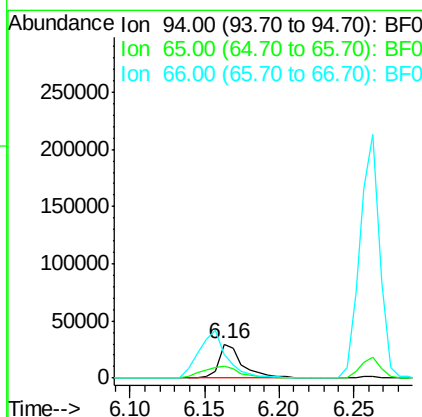
RT: 6.16 min Scan# 727

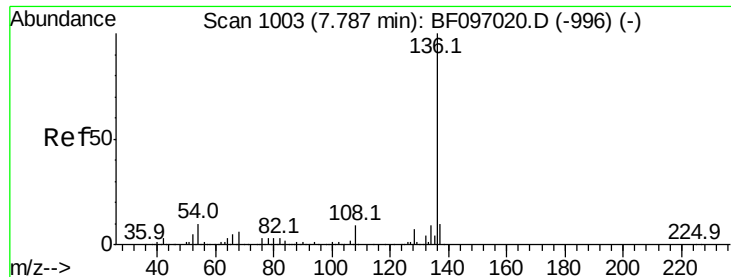
Delta R.T. -0.02 min

Lab File: BF097156.D

Acq: 28 Jul 2017 16:01

Tgt Ion:	94	Resp:	32904
Ion	Ratio	Lower	Upper
94	100		
65	36.9	9.9	49.9
66	67.8	23.1	63.1#





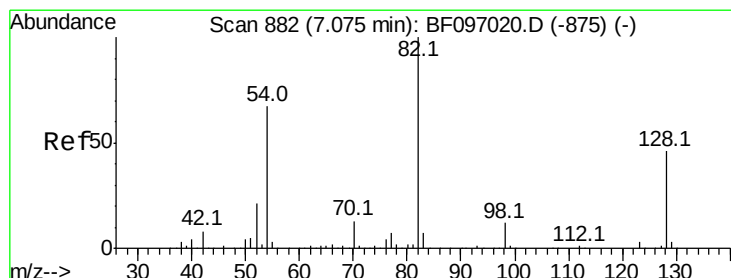
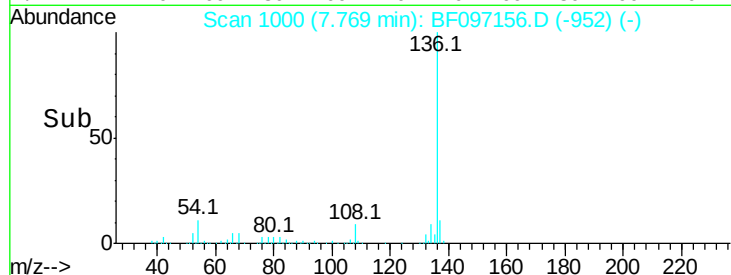
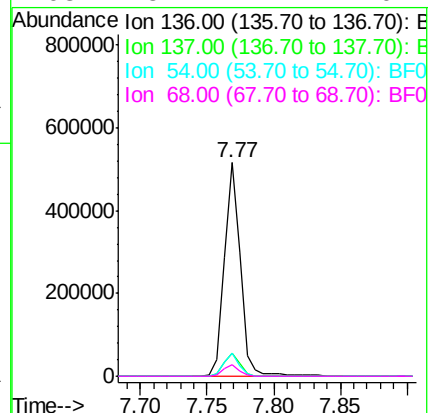
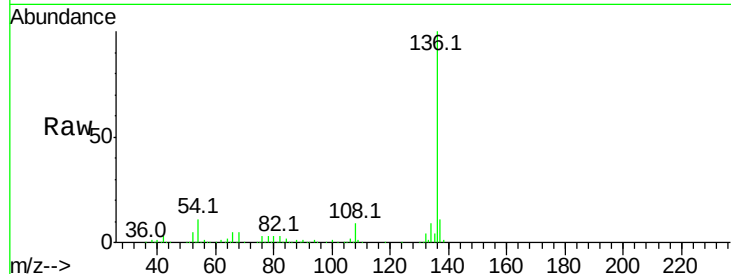
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097156.D
Acq: 28 Jul 2017 16:01

Instrument :
BNA_F
ClientSampleId :
2A-1-2-3-4-5-COMP-(0-10)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	10.7	4.9	7.3#	
68	5.4	4.1	6.1	

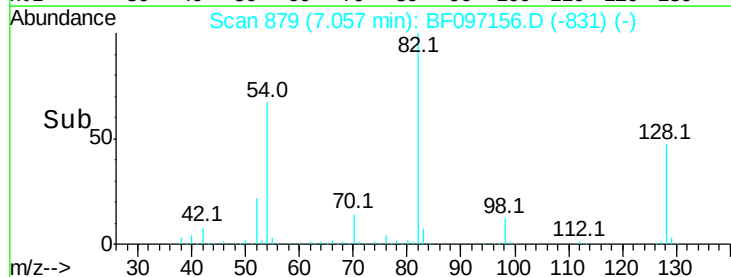
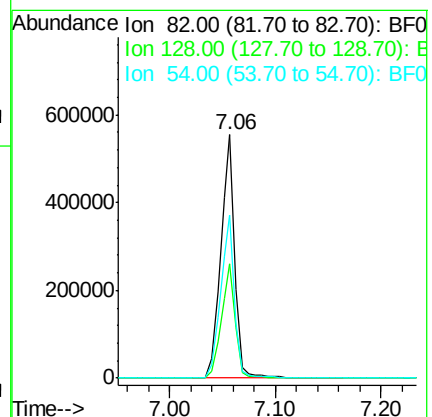
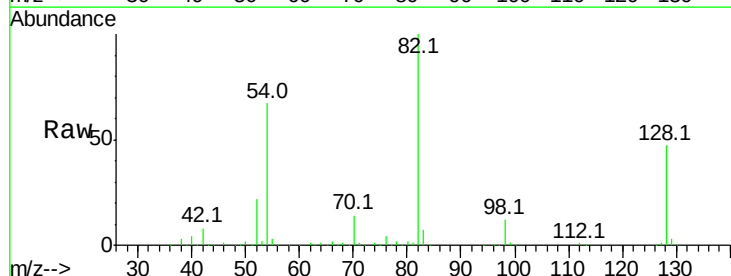
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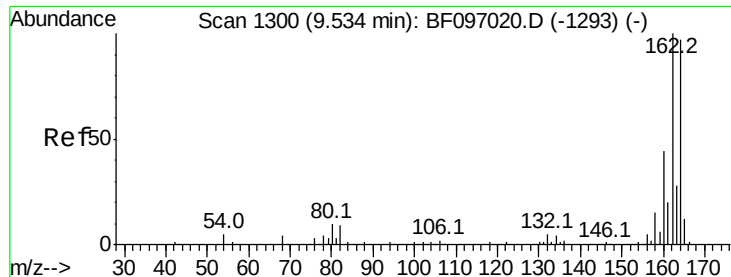
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#23
Nitrobenzene-d5
Concen: 69.855 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097156.D
Acq: 28 Jul 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.0	34.0	51.0	
54	66.9	42.2	63.2#	





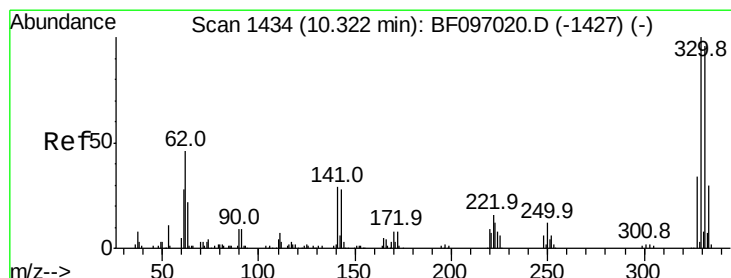
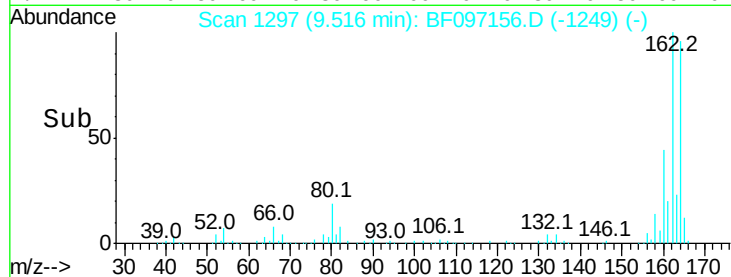
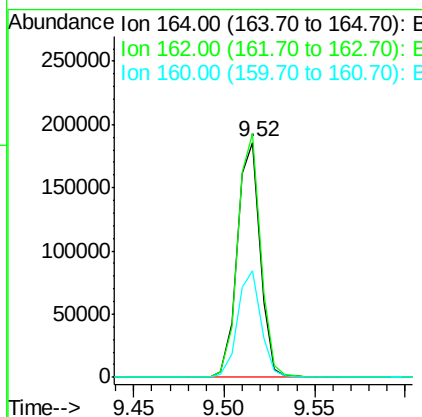
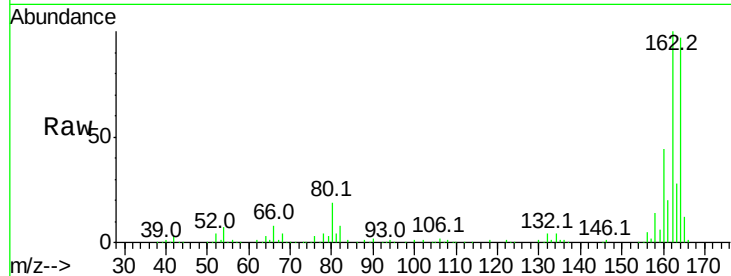
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097156.D
 Acq: 28 Jul 2017 16:01

Instrument :
 BNA_F
 ClientSampleId :
 2A-1-2-3-4-5-COMP-(0-10)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	45.1	36.2	54.2

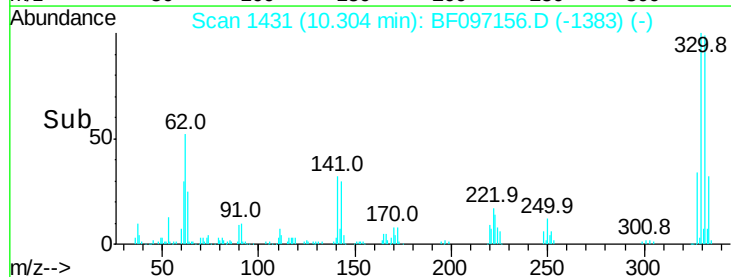
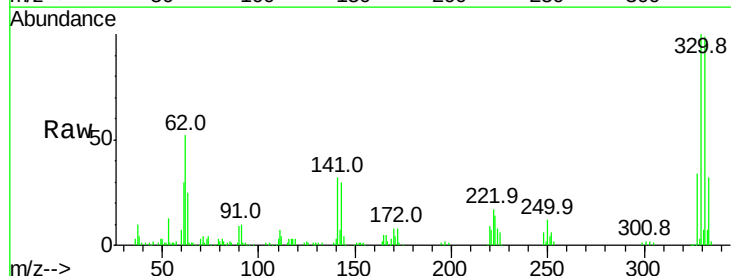
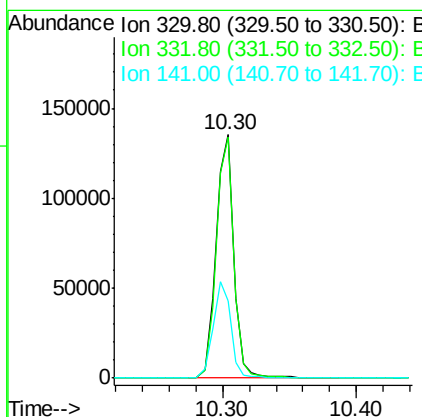
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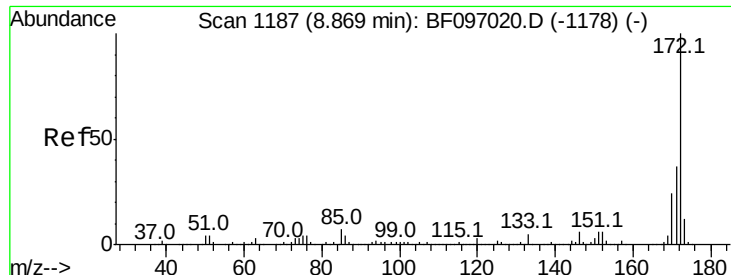
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#41
 2,4,6-Tribromophenol
 Concen: 98.593 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097156.D
 Acq: 28 Jul 2017 16:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	115.0
141	39.4	31.4	47.2





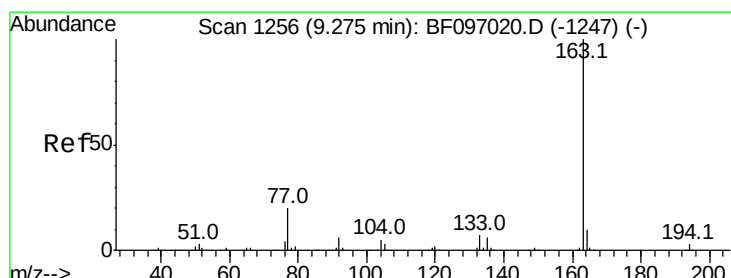
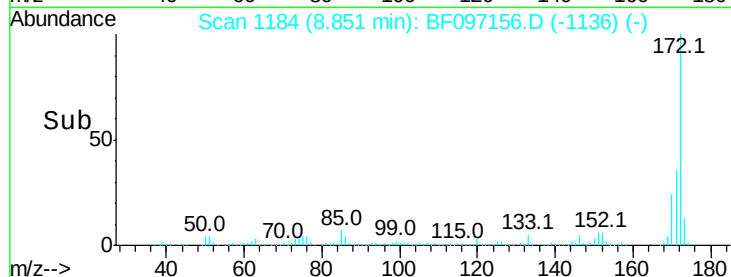
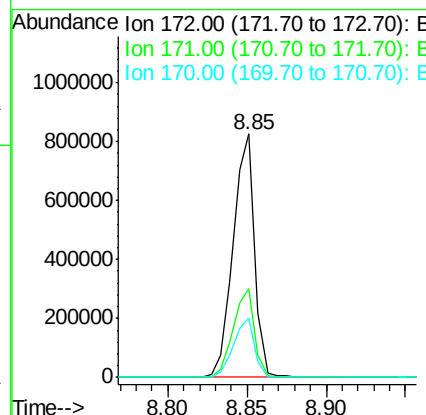
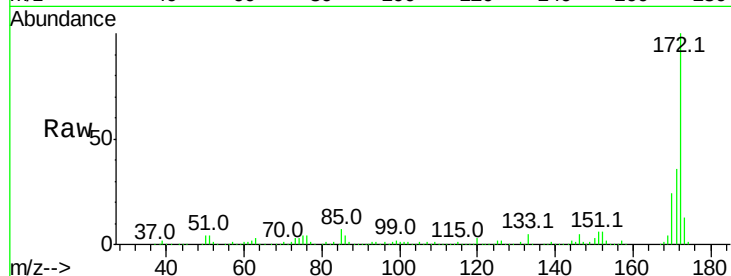
#44
2-Fluorobiphenyl
Concen: 80.194 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097156.D
Acq: 28 Jul 2017 16:01

Instrument :
BNA_F
ClientSampleId :
2A-1-2-3-4-5-COMP-(0-10)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.2	19.8	29.8

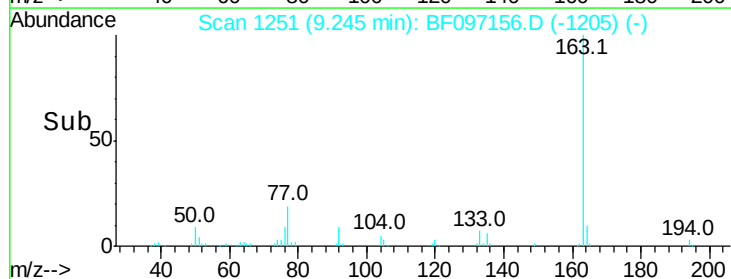
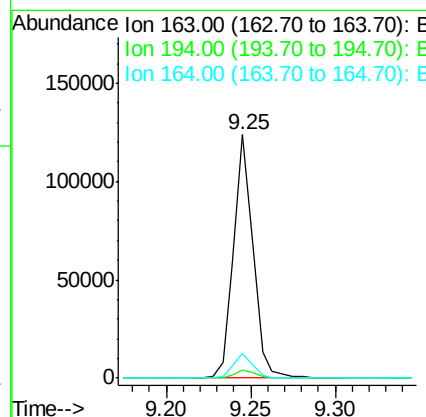
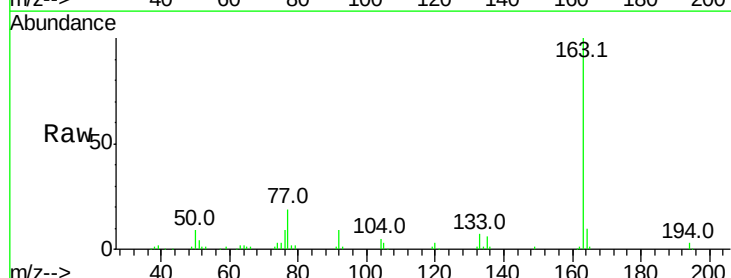
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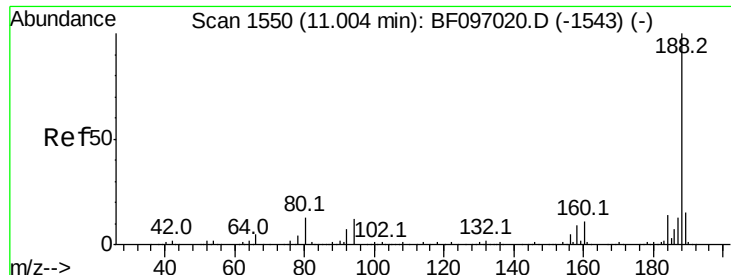
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#49
Dimethylphthalate
Concen: 7.970 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097156.D
Acq: 28 Jul 2017 16:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.4	8.4	12.6





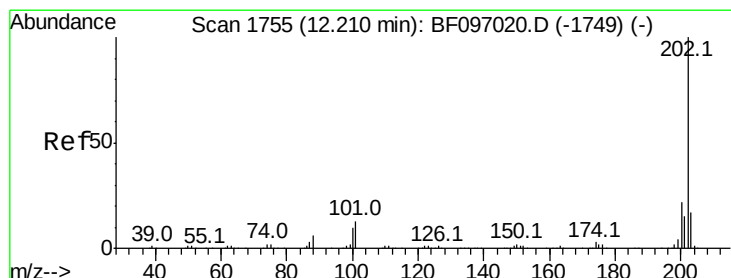
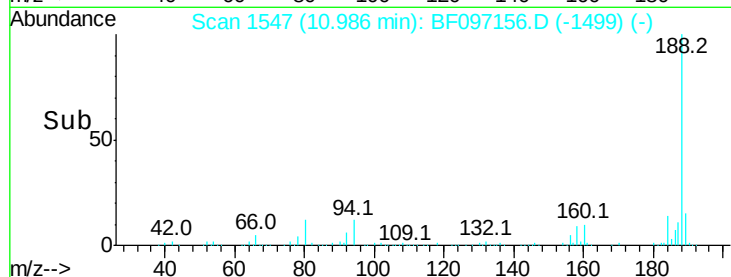
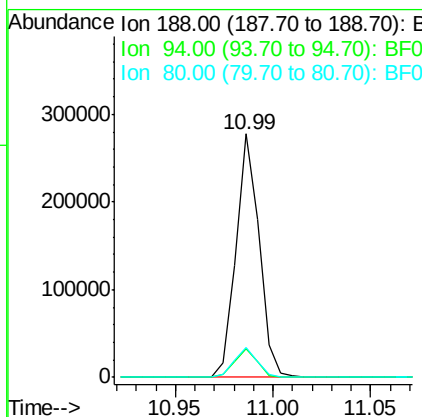
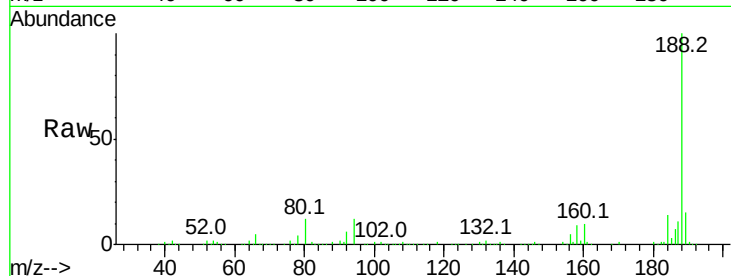
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097156.D
Acq: 28 Jul 2017 16:01

Instrument :
BNA_F
ClientSampleId :
2A-1-2-3-4-5-COMP-(0-10)

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.7	9.4	14.2
80	12.1	10.2	15.2

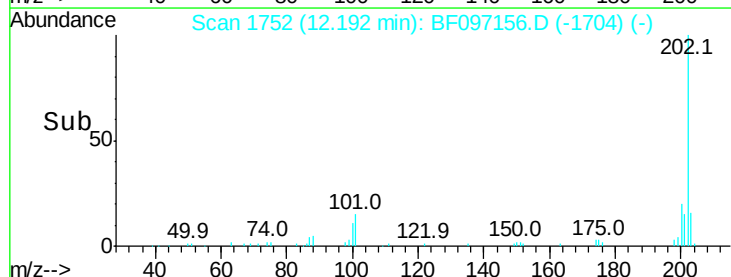
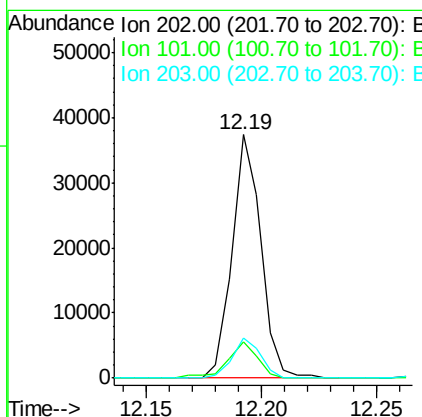
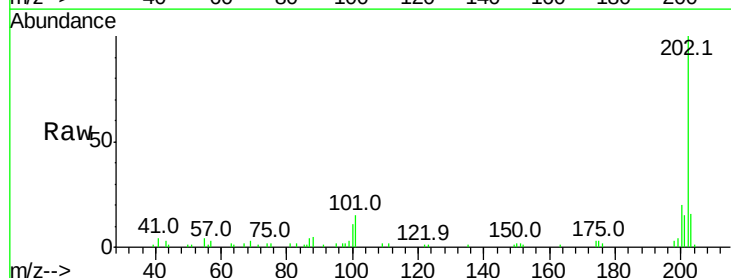
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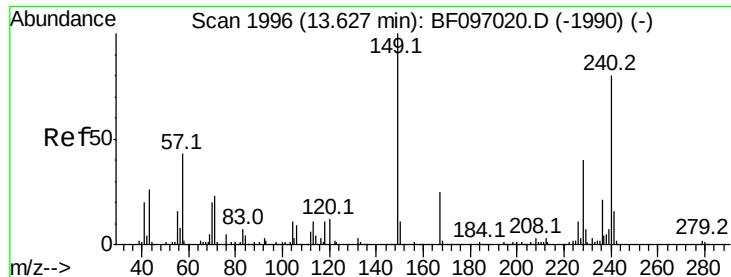
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#74
Fluoranthene
Concen: 2.707 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF097156.D
Acq: 28 Jul 2017 16:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.8	0.0	33.2
203	16.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097156.D

Acq: 28 Jul 2017 16:01

Instrument :

BNA_F

ClientSampleId :

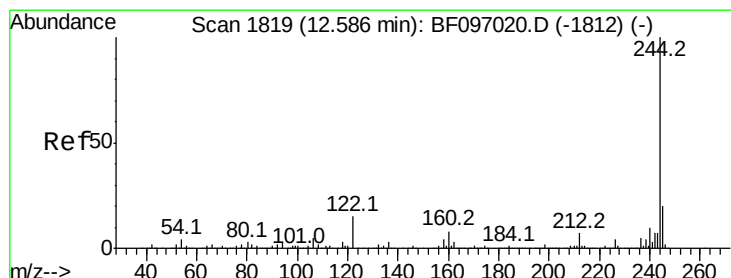
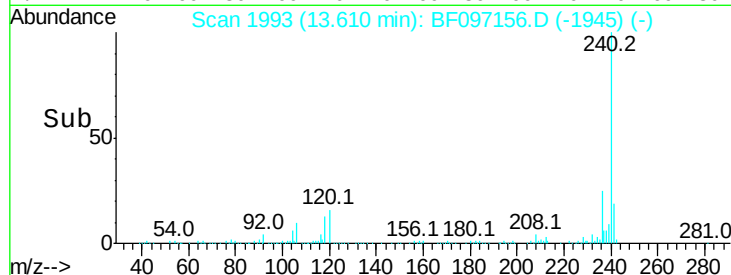
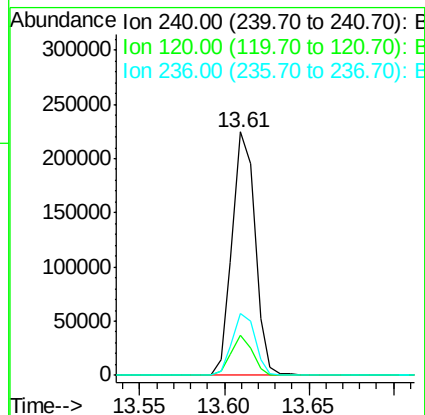
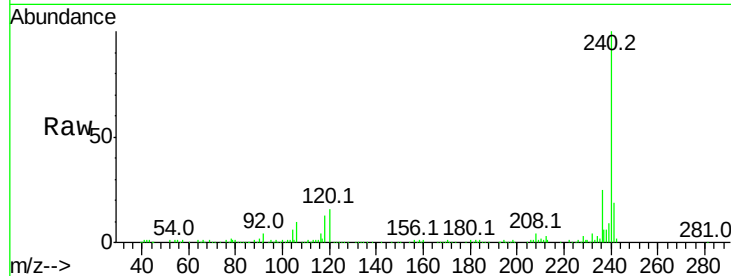
2A-1-2-3-4-5-COMP-(0-10)

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.5	5.8	8.8#
236	25.5	20.5	30.7

Manual Integrations
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#78

Terphenyl-d14

Concen: 44.879 ng

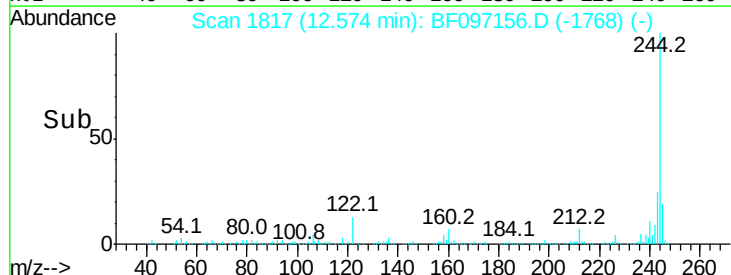
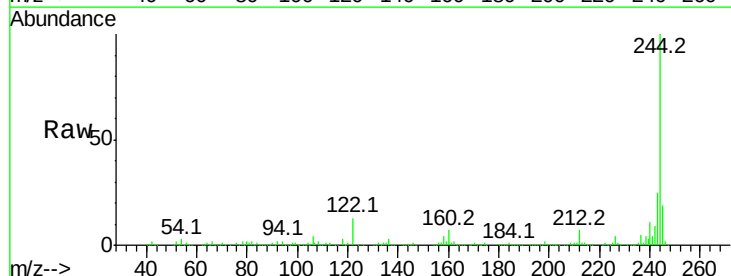
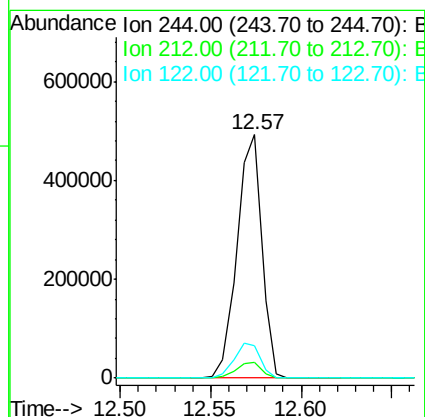
RT: 12.57 min Scan# 1817

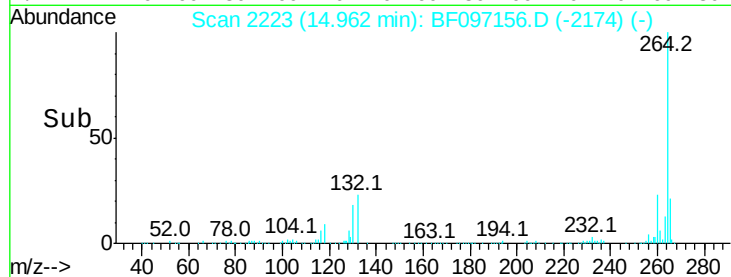
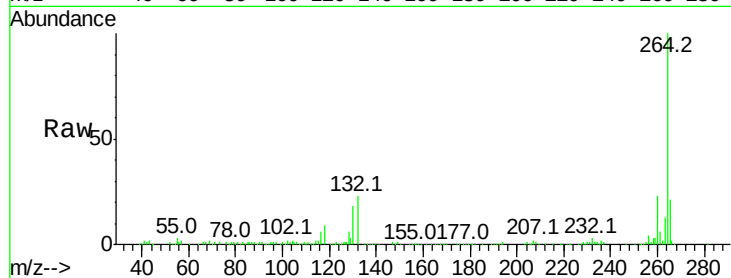
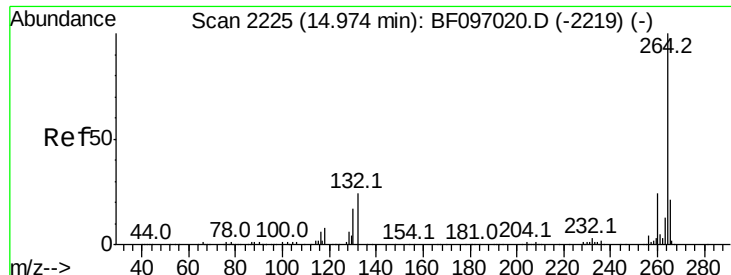
Delta R.T. -0.01 min

Lab File: BF097156.D

Acq: 28 Jul 2017 16:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.4	10.3	15.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097156.D
Acq: 28 Jul 2017 16:01

Instrument :
BNA_F
ClientSampleId :
2A-1-2-3-4-5-COMP-(0-10)

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.7	17.2	25.8

Manual Integrations
APPROVED

Sohil
7/31/2017 6:52:09 PM

