

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097028.D
 Acq On : 25 Jul 2017 14:55
 Operator : SJ/JU
 Sample : I4399-01DL 25X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-N7-BASEDL

Manual Integrations
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 7/26/2017 5:54:22 PM

Quant Time: Jul 25 15:23:36 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	140602	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	590622	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	269197	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	427454	20.00	ng	0.00
75) Chrysene-d12	13.62	240	266622	20.00	ng	0.00
86) Perylene-d12	14.97	264	188676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	35484	3.80	ng	0.00
7) Phenol-d6	6.16	99	47025	4.42	ng	0.00
23) Nitrobenzene-d5	7.06	82	25490	2.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	8675	4.08	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	49688	3.13	ng	-0.01
78) Terphenyl-d14	12.58	244	30752	2.35	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	6.52	146	47070m	4.419	ng	Qvalue 99 100 98
14) 1,2-Dichlorobenzene	6.67	146	71036m	7.638	ng	
27) 2,4-Dimethylphenol	7.46	122	46171	4.934	ng	
31) Naphthalene	7.80	128	1180742	42.410	ng	
37) 2-Methylnaphthalene	8.49	142	216521	12.283	ng	

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

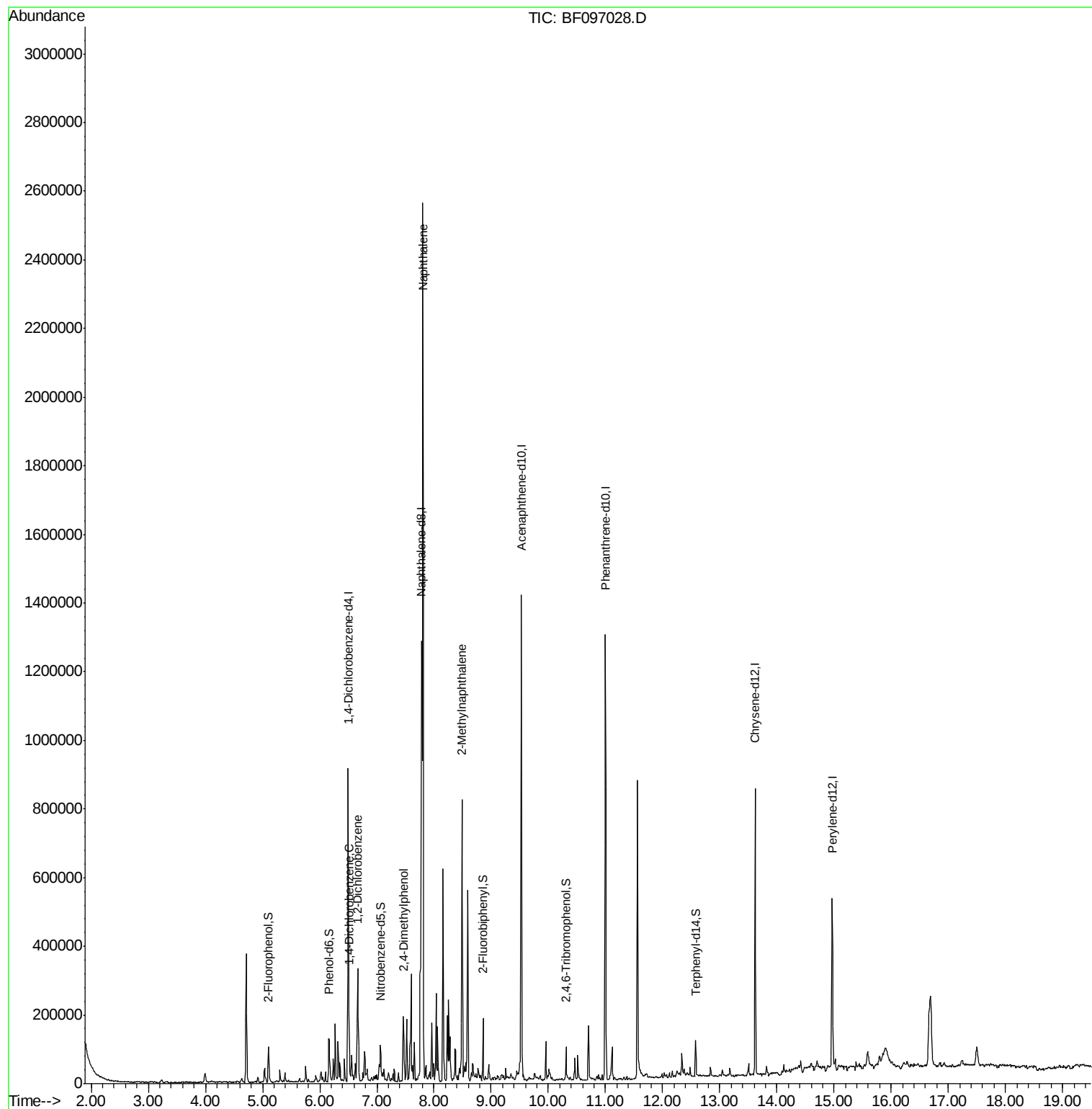
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
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ALS Vial : 4 Sample Multiplier: 1

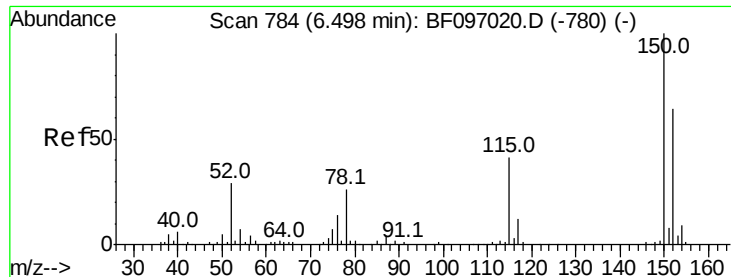
Instrument :
BNA_F
ClientSampleId :
E2-N7-BASEDL

Manual Integrations
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#1

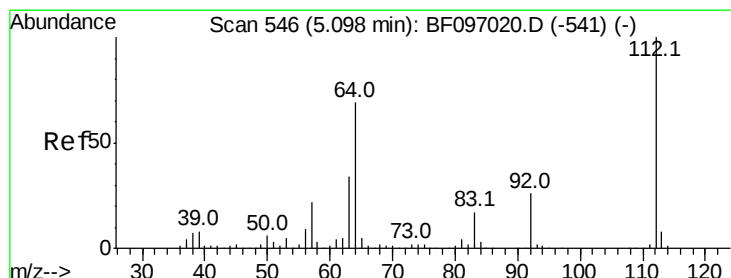
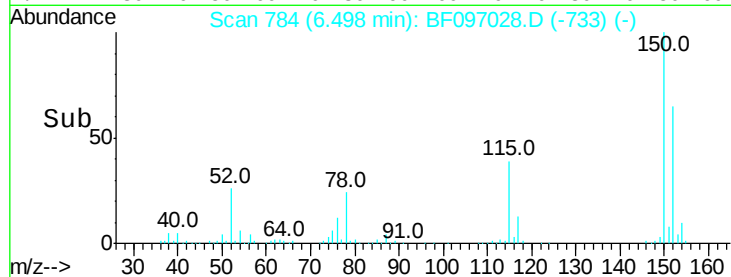
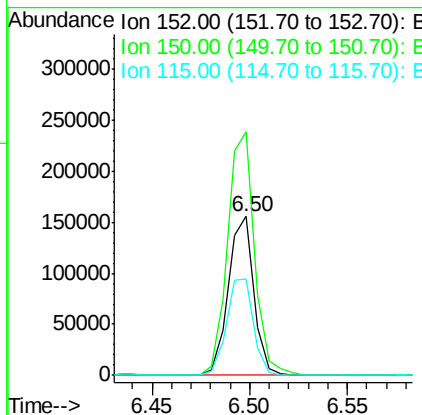
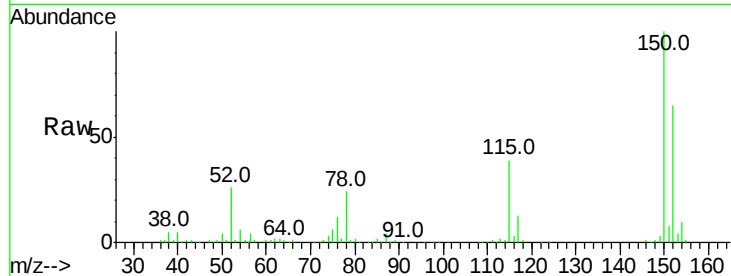
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASEDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.2	189.2
115	60.4	52.2	78.2

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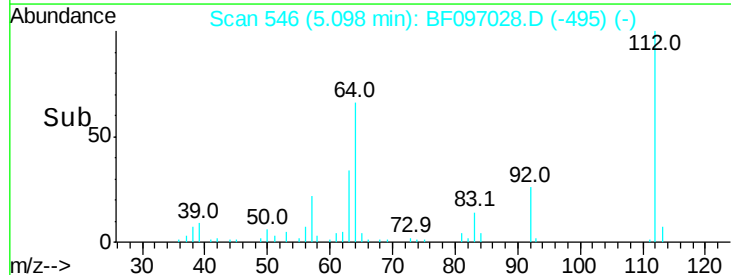
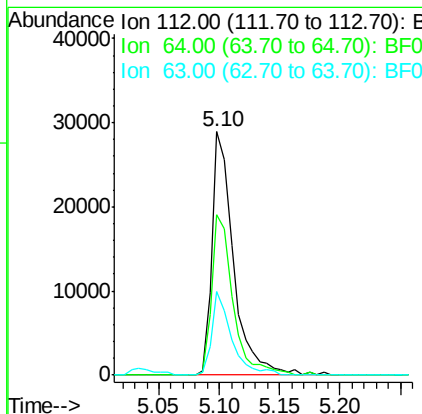
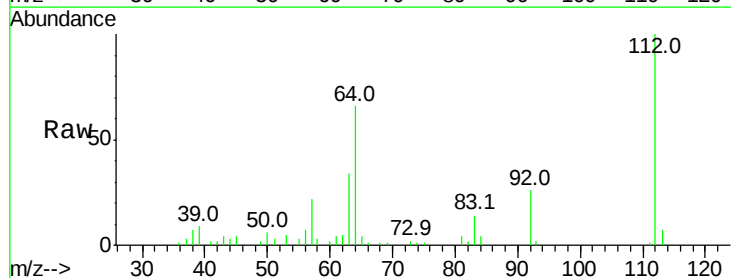
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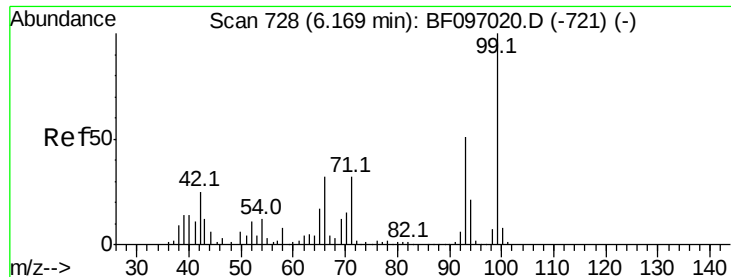


#5

2-Fluorophenol
Concen: 3.804 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	46.0	69.0
63	34.2	23.4	35.0





#7

Phenol-d6

Concen: 4.416 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097028.D

Acq: 25 Jul 2017 14:55

Instrument :

BNA_F

ClientSampled :

E2-N7-BASEDL

Tot Ion: 99 Resp: 47025

Ion Ratio Lower Upper

99 100

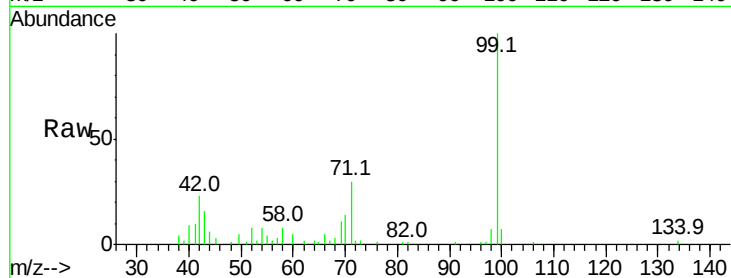
42 23.0 13.5 20.3#

71 29.7 24.5 36.7

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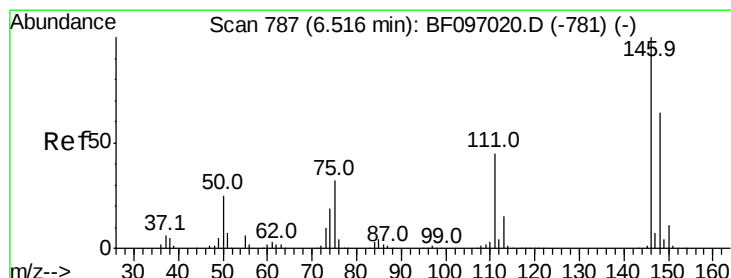
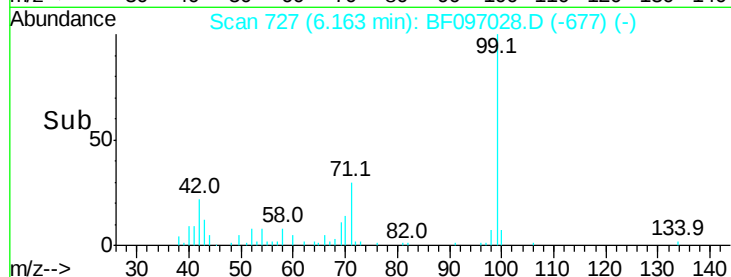
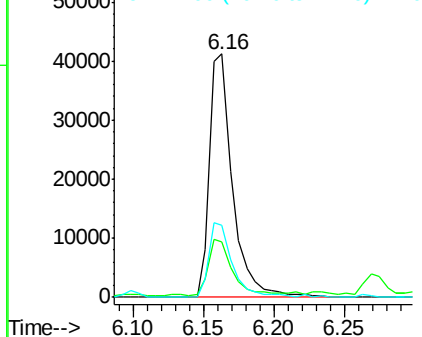
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#13

1,4-Dichlorobenzene

Concen: 4.419 ng m

RT: 6.52 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF097028.D

Acq: 25 Jul 2017 14:55

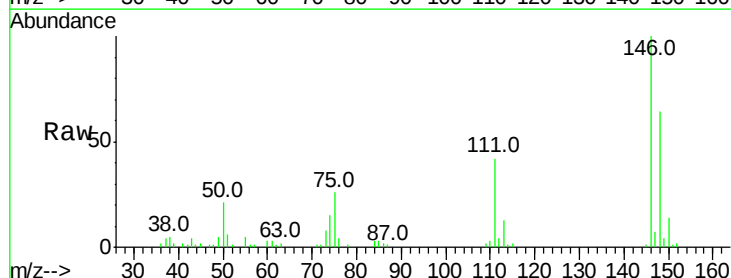
Tgt Ion: 146 Resp: 47070

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

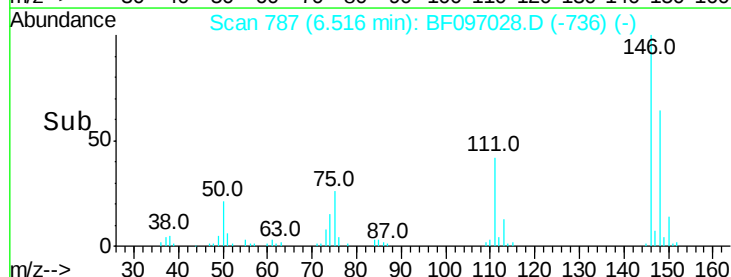
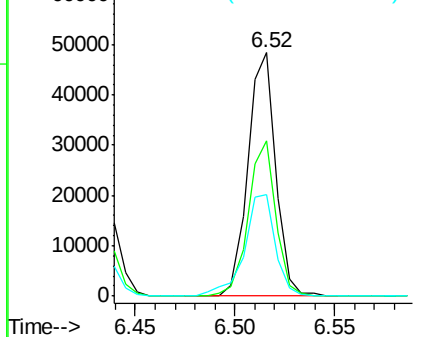
111 41.9 30.3 45.5

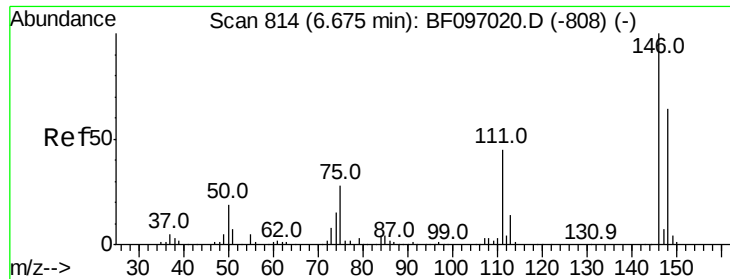


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 7.638 ng/mL

RT: 6.67 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF097028.D

Acq: 25 Jul 2017 14:55

Instrument :

BNA_F

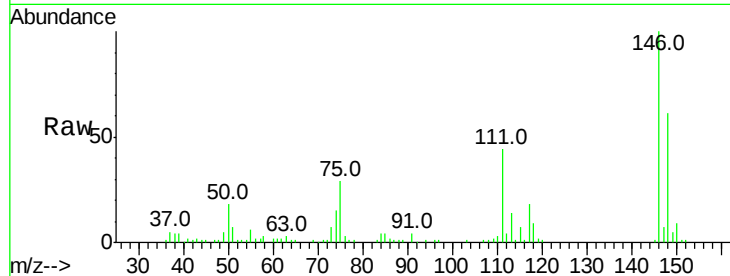
ClientSampled :

E2-N7-BASEDL

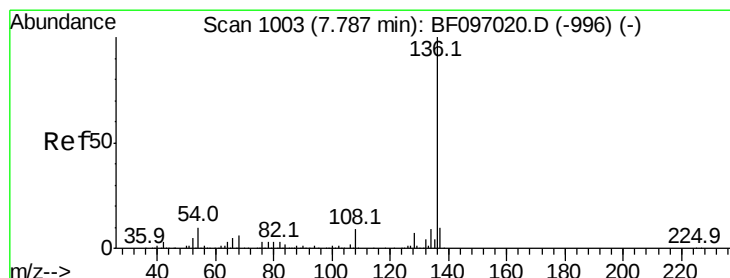
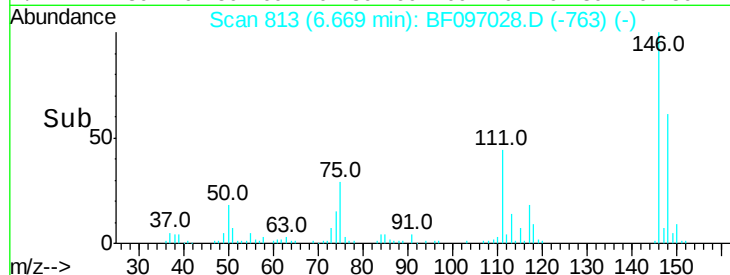
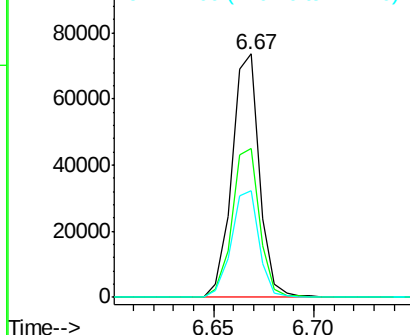
Tot Ion:	146	Resp:	71036
Ion Ratio	Lower	Upper	
146	100		
148	61.4	50.4	75.6
111	43.8	38.2	57.4

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

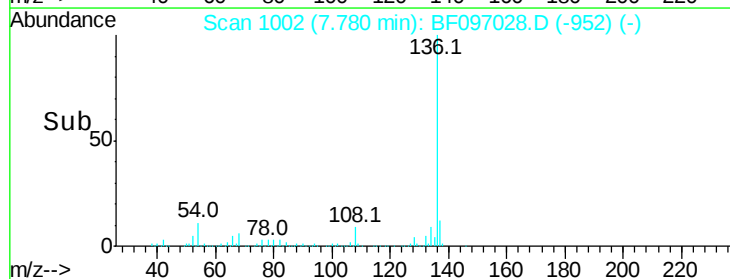
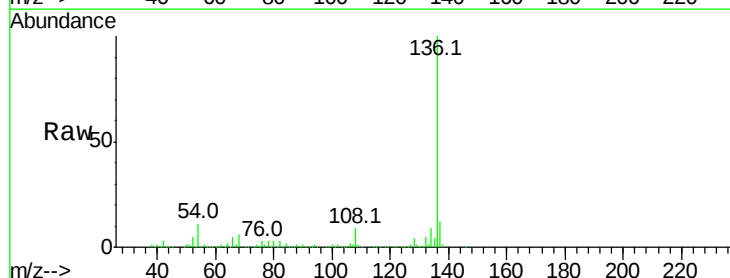
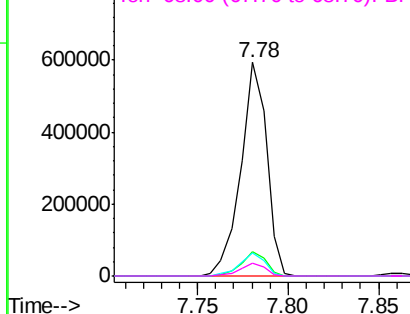
Delta R.T. -0.01 min

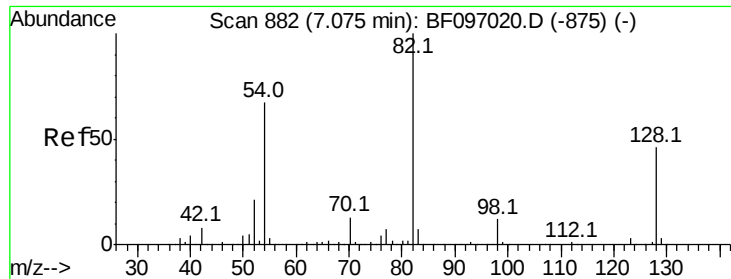
Lab File: BF097028.D

Acq: 25 Jul 2017 14:55

Tgt Ion:	136	Resp:	590622
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.5	12.7
54	10.7	4.9	7.3#
68	5.8	4.1	6.1

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





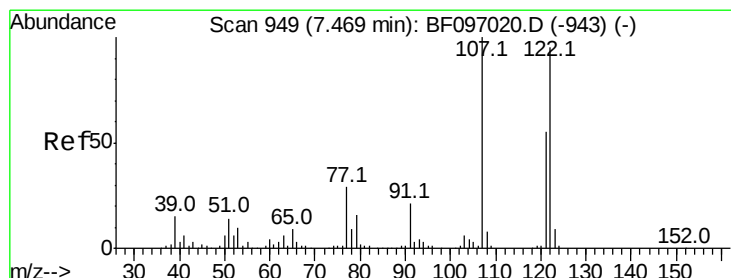
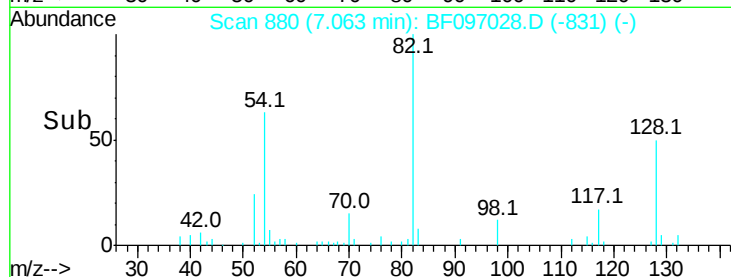
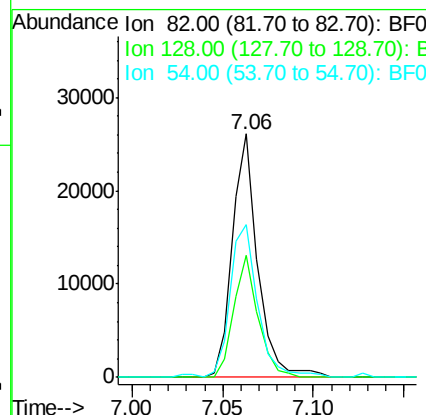
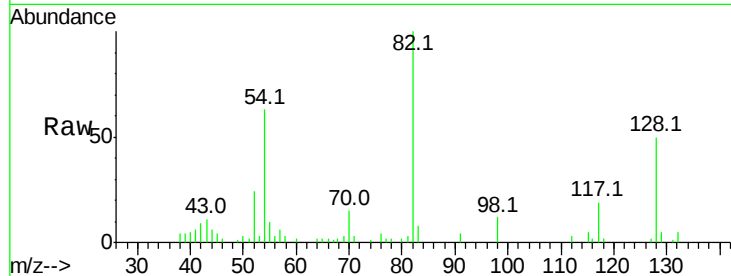
#23
 Nitrobenzene-d5
 Concen: 2.532 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF097028.D
 Acq: 25 Jul 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :
 E2-N7-BASEDL

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.1	34.0	51.0
54	62.7	42.2	63.2

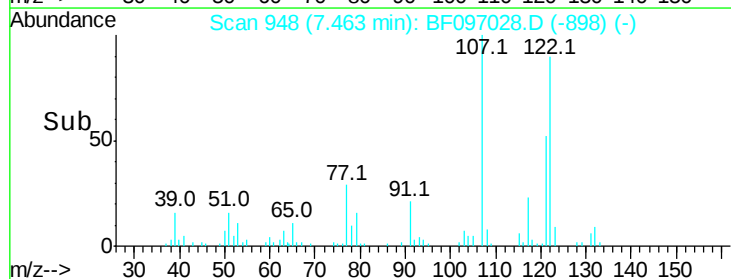
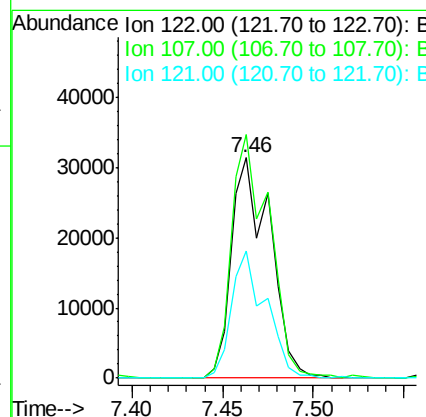
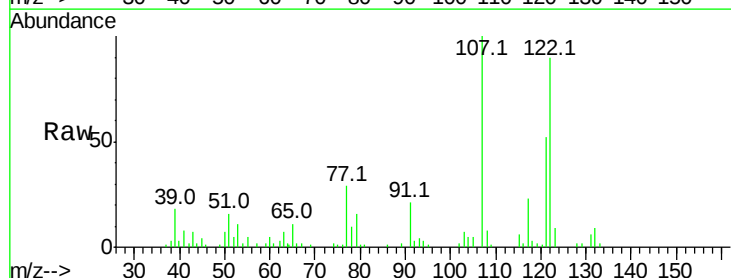
Manual Integrations
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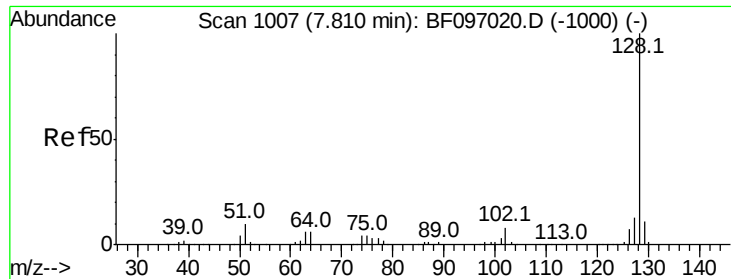
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#27
 2,4-Dimethylphenol
 Concen: 4.934 ng
 RT: 7.46 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF097028.D
 Acq: 25 Jul 2017 14:55

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.7	89.2	133.8
121	58.0	45.2	67.8





#31

Naphthalene

Concen: 42.410 ng

RT: 7.80 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF097028.D

Acq: 25 Jul 2017 14:55

Instrument :

BNA_F

ClientSampleId :

E2-N7-BASEDL

Tot Ion:128 Resp: 1180742

Ion Ratio Lower Upper

128 100

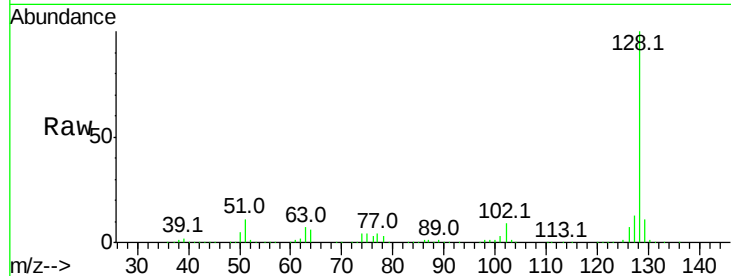
129 11.2 9.0 13.6

127 13.4 10.8 16.2

Manual Integrations
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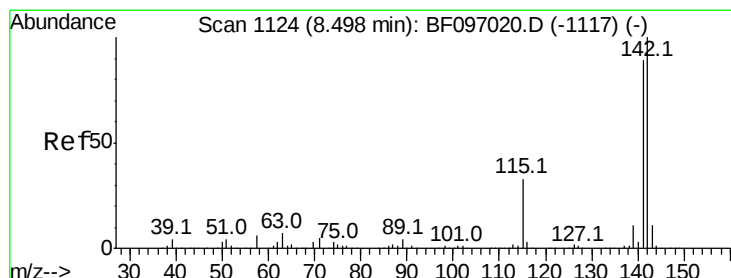
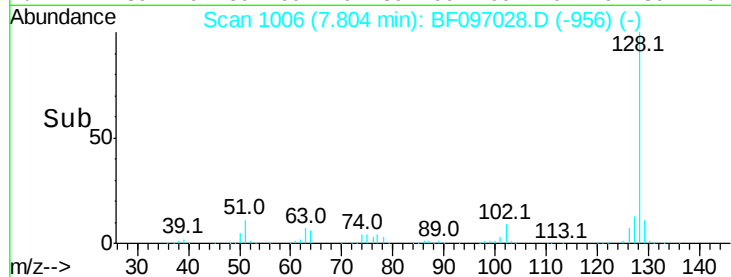
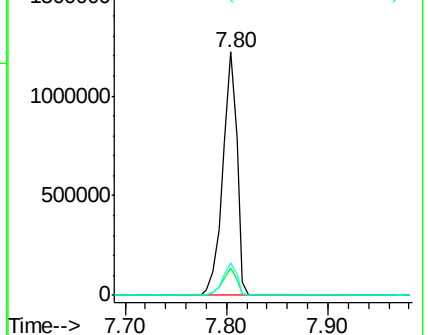
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 12.283 ng

RT: 8.49 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF097028.D

Acq: 25 Jul 2017 14:55

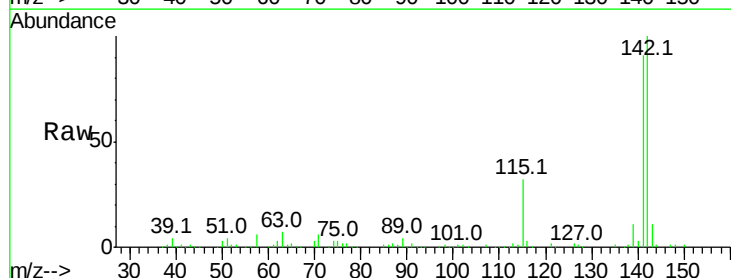
Tgt Ion:142 Resp: 216521

Ion Ratio Lower Upper

142 100

141 91.1 71.3 106.9

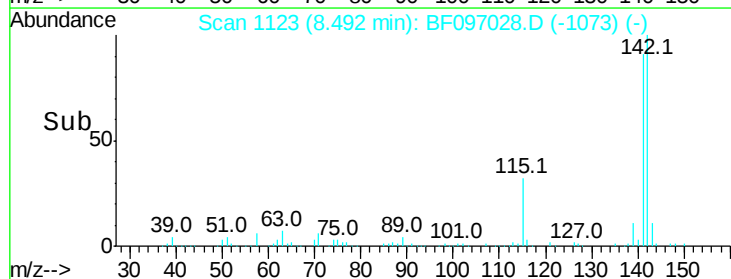
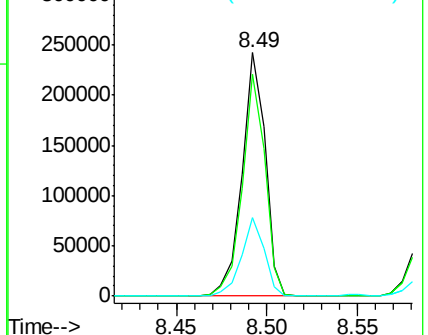
115 32.2 27.1 40.7

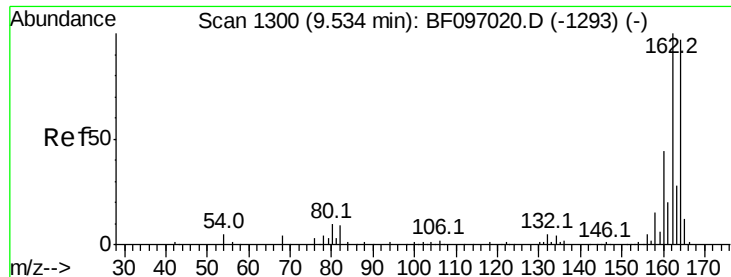


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





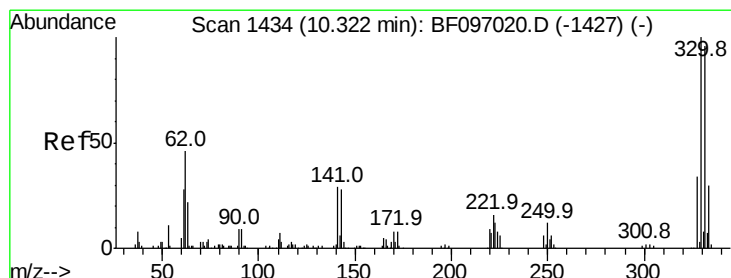
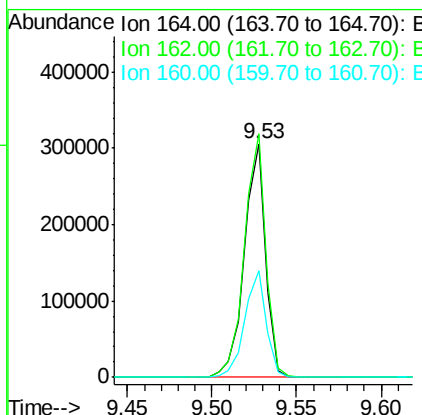
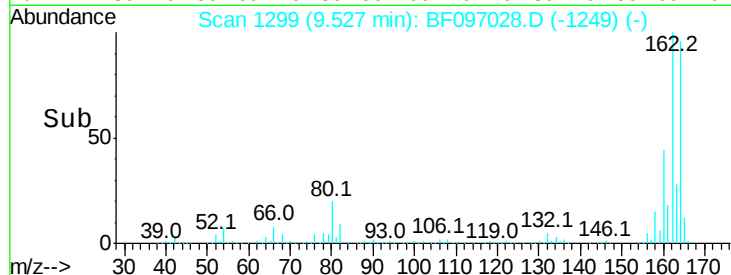
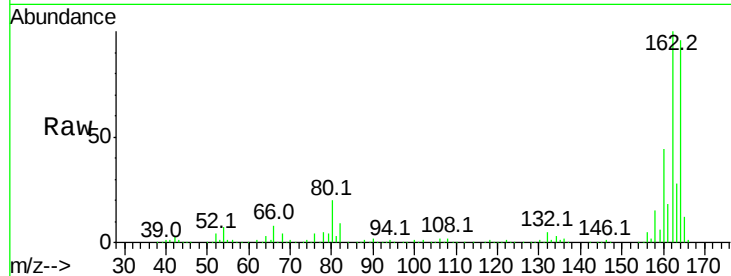
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASEDL

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	45.7	36.2	54.2

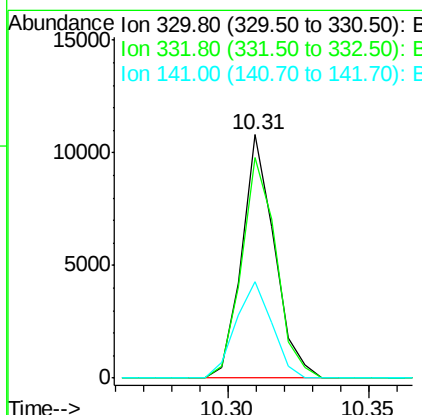
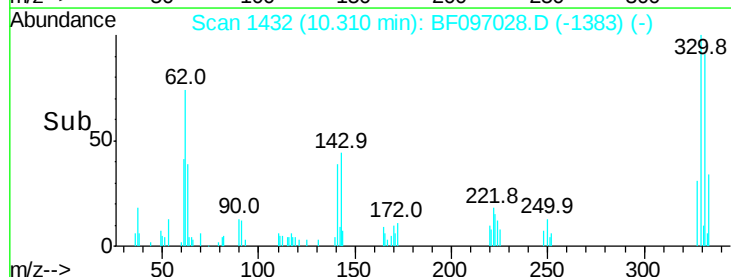
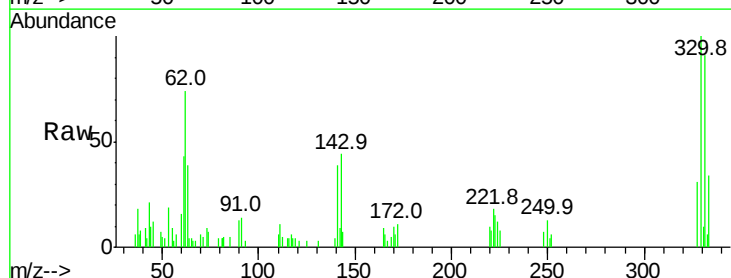
Manual Integrations
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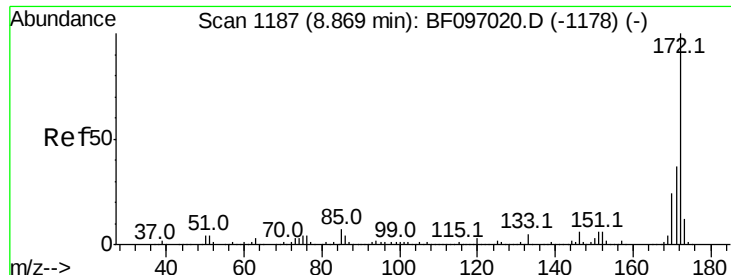
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#41
2,4,6-Tribromophenol
Concen: 4.079 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	43.7	31.4	47.2





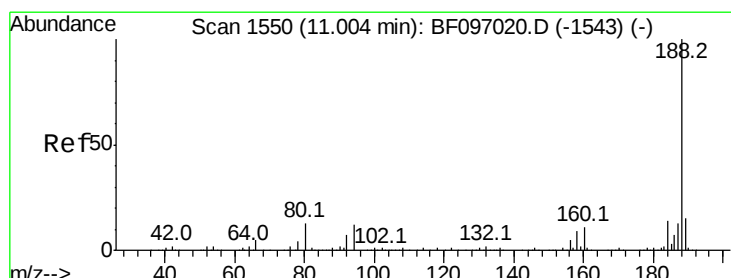
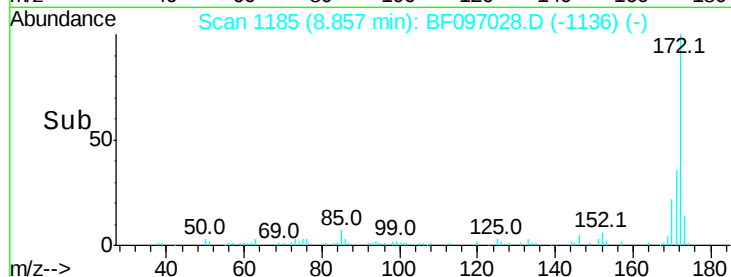
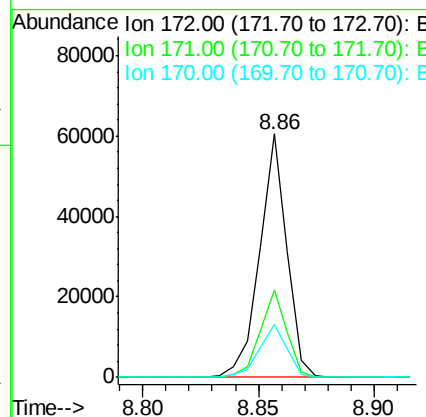
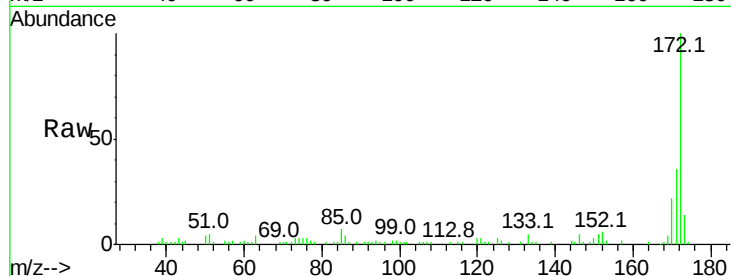
#44
2-Fluorobiphenyl
Concen: 3.132 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASEDL

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	21.9	19.8	29.8

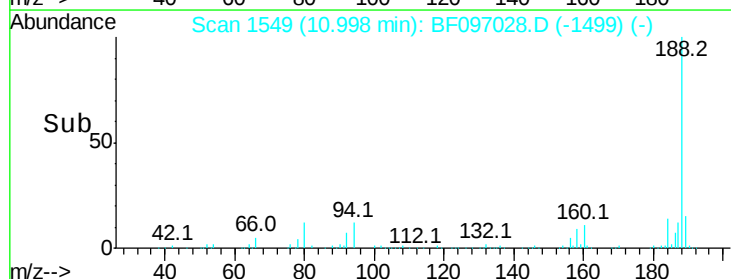
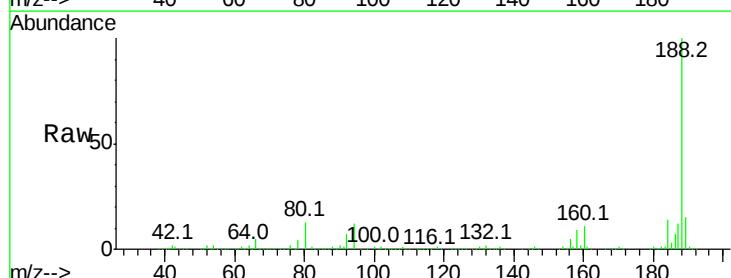
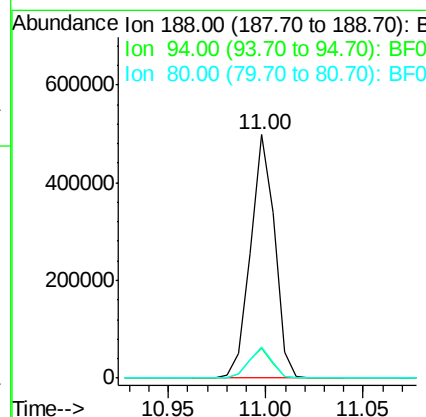
Manual Integrations
APPROVED

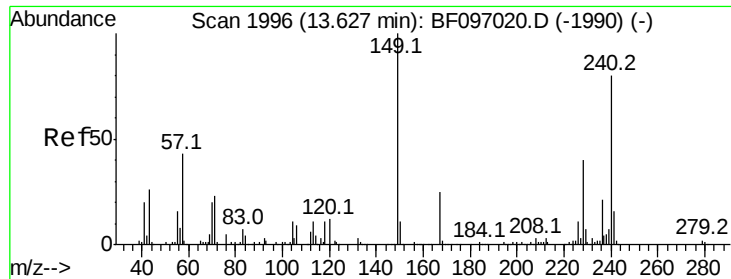
Sohil
7/26/2017 5:54:22 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.6	10.2	15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097028.D

Acq: 25 Jul 2017 14:55

Instrument :

BNA_F

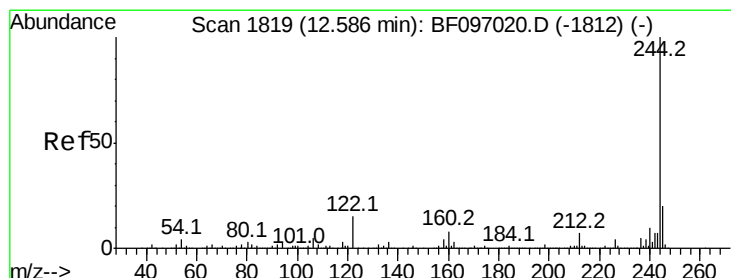
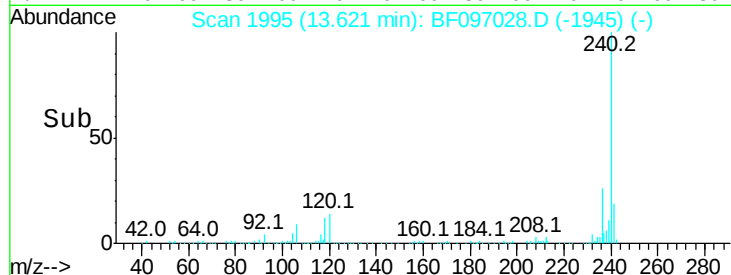
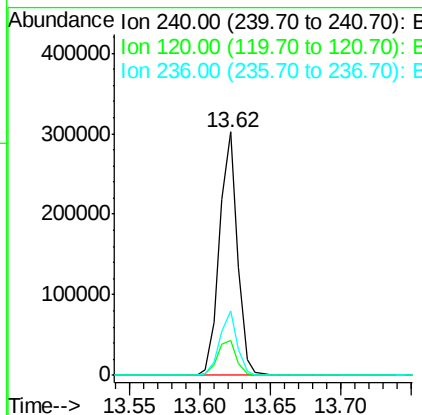
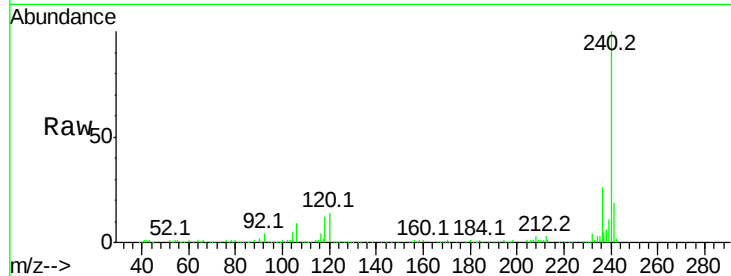
ClientSampleId :

E2-N7-BASEDL

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	26.5	20.5	30.7

Manual Integrations
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#78

Terphenyl-d14

Concen: 2.352 ng

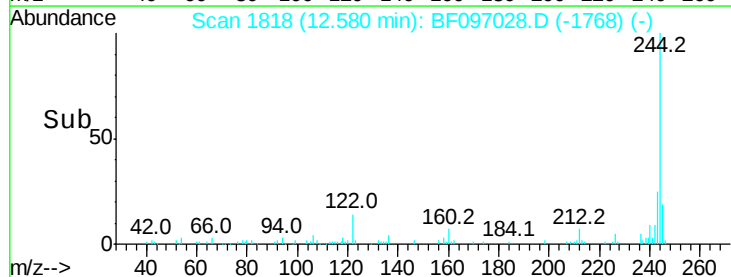
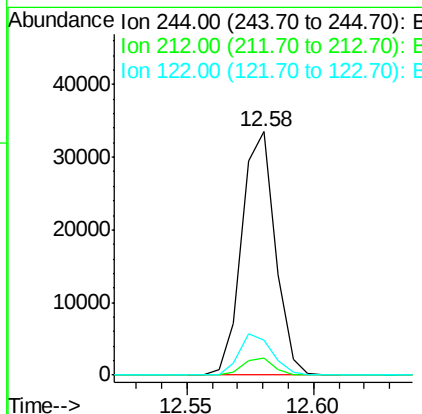
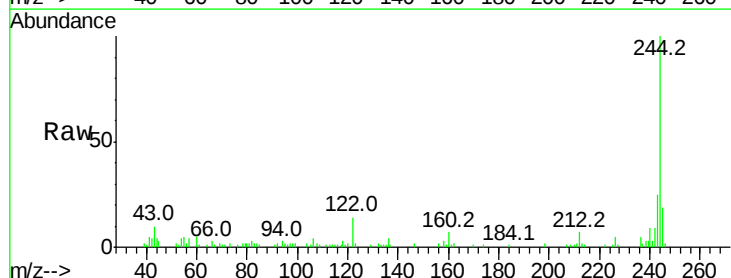
RT: 12.58 min Scan# 1818

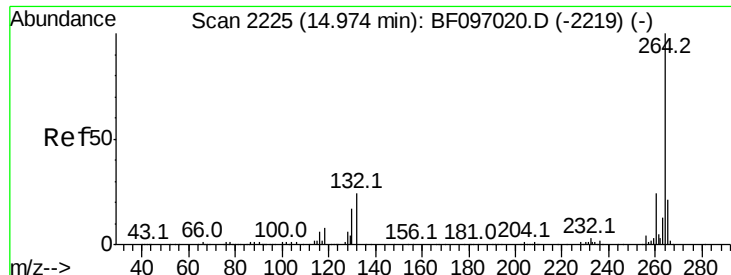
Delta R.T. -0.01 min

Lab File: BF097028.D

Acq: 25 Jul 2017 14:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.5	10.3	15.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.97 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASEDL

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.0	17.2	25.8

Manual Integrations
APPROVED

Sohil
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