

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097042.D
 Acq On : 25 Jul 2017 21:21
 Operator : SJ/JU
 Sample : I4362-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK

Manual Integrations
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 7/26/2017 5:54:28 PM

Quant Time: Jul 26 12:20:03 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	160755	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	362133	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	264235	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	400690	20.00	ng	0.00
75) Chrysene-d12	13.62	240	261664	20.00	ng	0.00
86) Perylene-d12	14.97	264	213359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	453794	42.55	ng	0.14
7) Phenol-d6	6.16	99	348504	28.63	ng	0.00
23) Nitrobenzene-d5	7.07	82	640434	103.75	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	188527	90.30	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1020332	65.53	ng	0.00
78) Terphenyl-d14	12.59	244	730193	56.90	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.50	122	64589	11.257	ng	Qvalue # 86
31) Naphthalene	7.85	128	10048123	588.624	ng	98
32) Benzoic acid	7.62	122	146678	34.235	ng	# 67
37) 2-Methylnaphthalene	8.52	142	2441107	225.856	ng	97
51) Acenaphthene	9.56	154	52877	3.521	ng	97
57) Fluorene	10.07	166	88143	5.863	ng	97
70) Phenanthrene	11.03	178	91062	4.242	ng	99

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

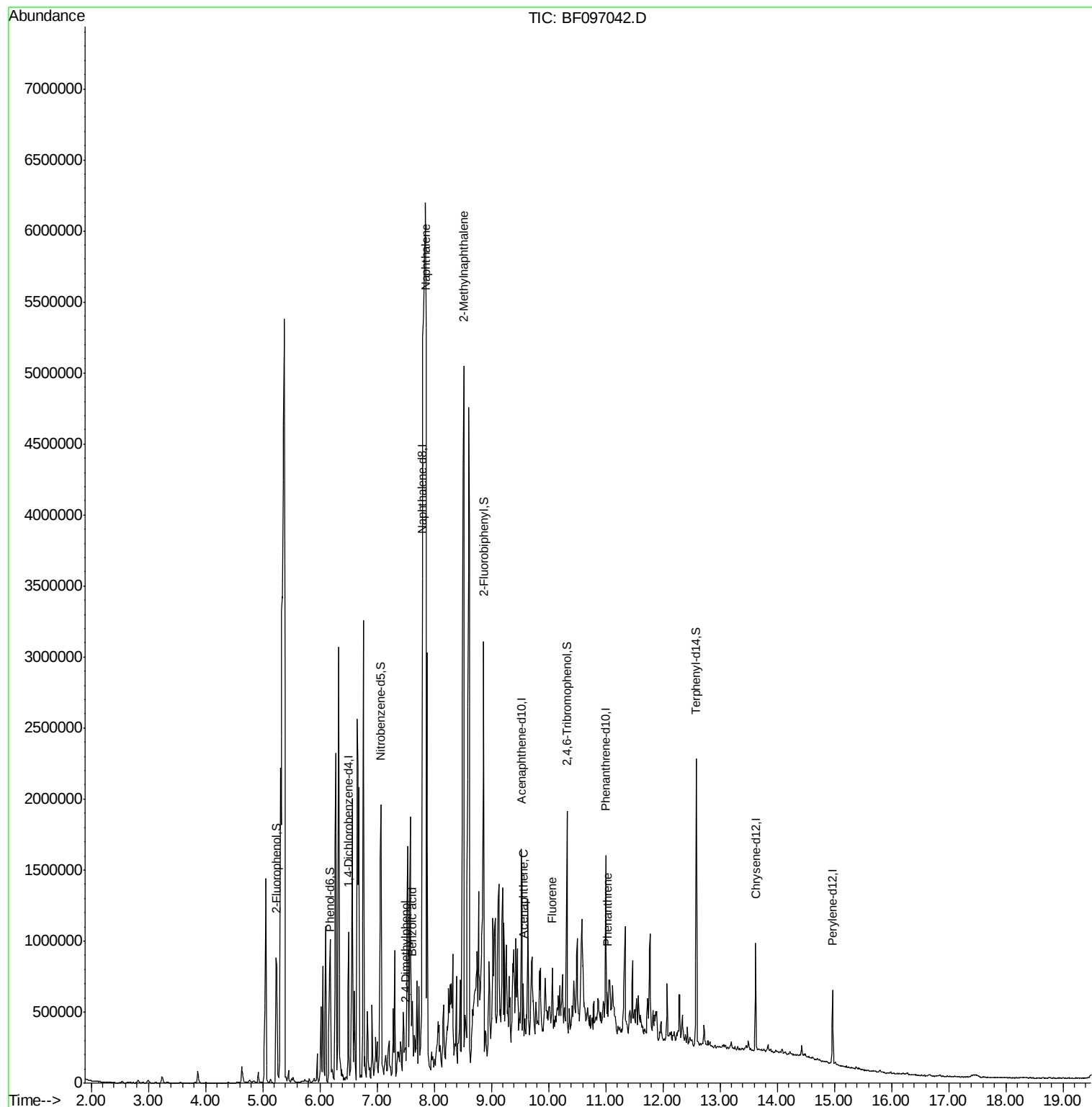
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097042.D
Acq On : 25 Jul 2017 21:21
Operator : SJ/JU
Sample : I4362-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

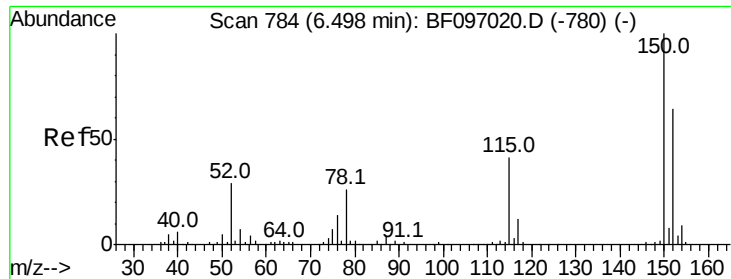
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

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Quant Time: Jul 26 12:20:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

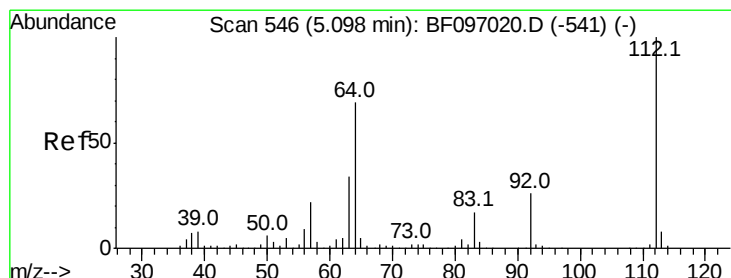
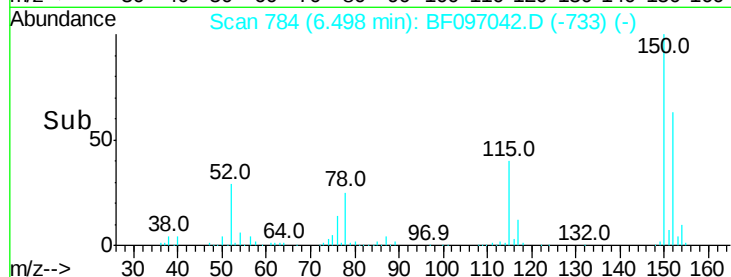
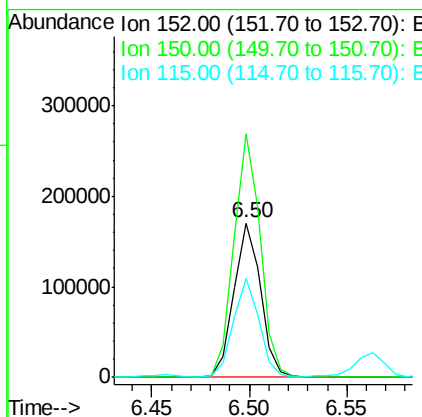
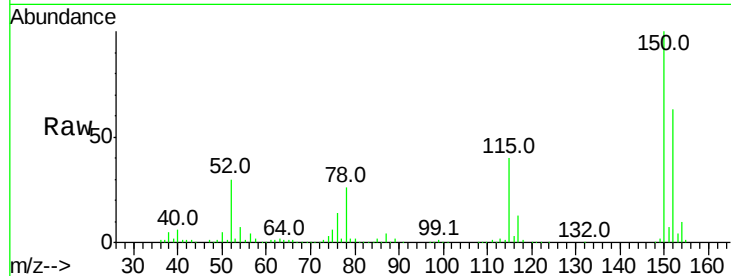
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097042.D
Acq: 25 Jul 2017 21:21

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	63.7	52.2	78.2

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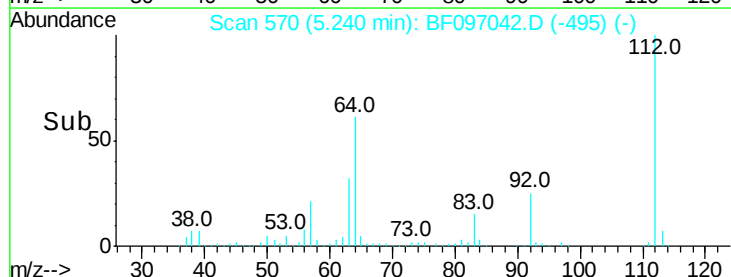
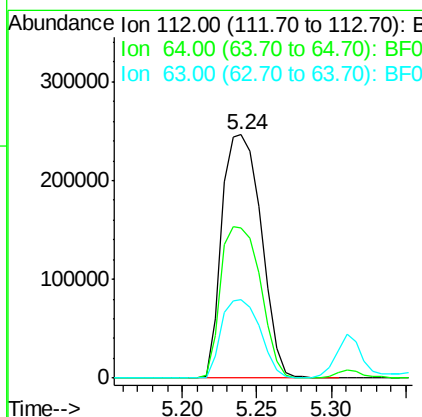
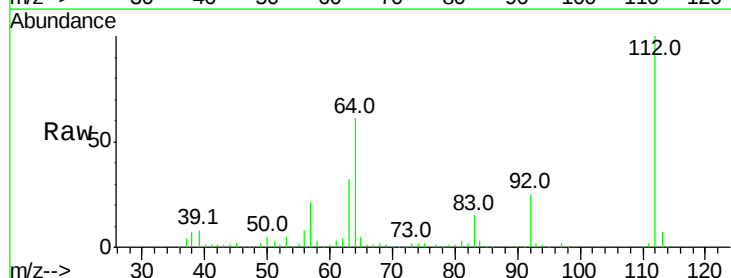
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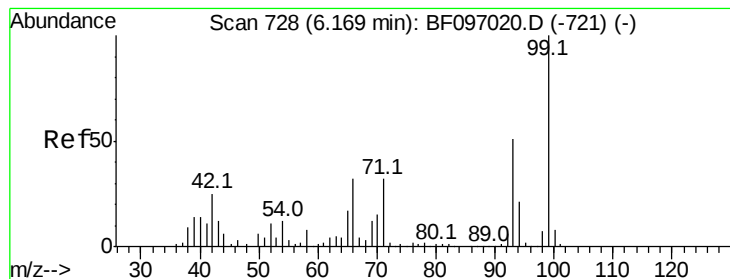


#5

2-Fluorophenol
Concen: 42.555 ng
RT: 5.24 min Scan# 570
Delta R.T. 0.14 min
Lab File: BF097042.D
Acq: 25 Jul 2017 21:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	46.0	69.0
63	32.0	23.4	35.0





#7

Phenol-d6

Concen: 28.627 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097042.D

Acq: 25 Jul 2017 21:21

Instrument :

BNA_F

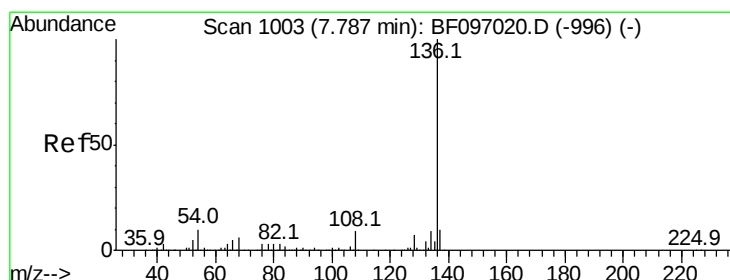
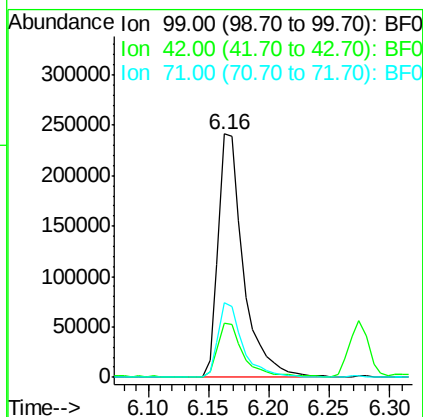
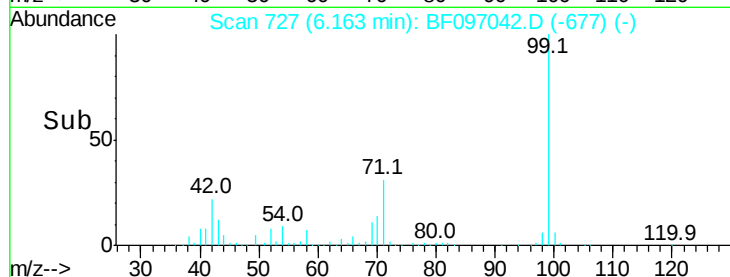
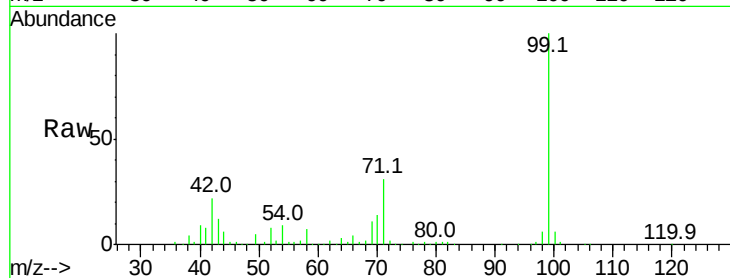
ClientSampleId :

FRAC-TANK

Tot Ion:	99	Resp:	348504
Ion Ratio	Lower	Upper	
99	100		
42	22.4	13.5	20.3#
71	30.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

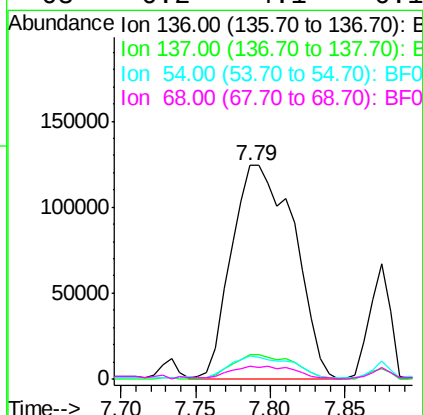
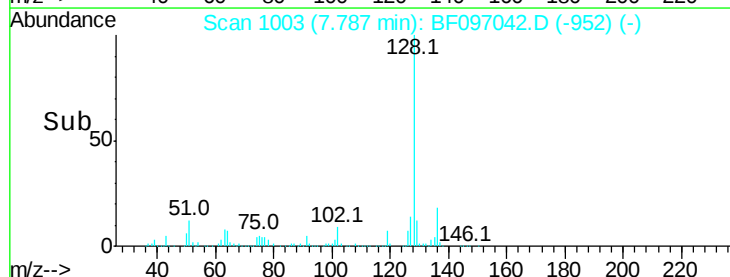
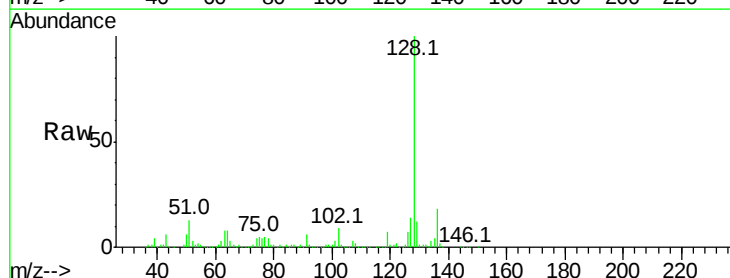
RT: 7.79 min Scan# 1003

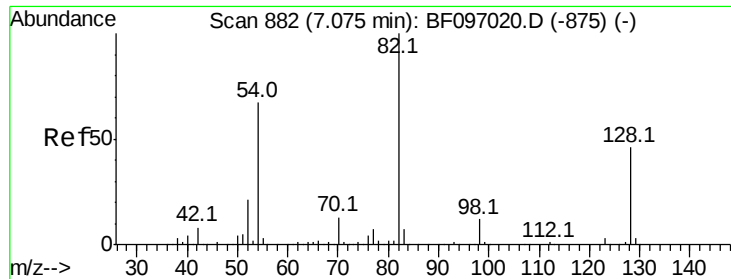
Delta R.T. -0.00 min

Lab File: BF097042.D

Acq: 25 Jul 2017 21:21

Tgt Ion:	136	Resp:	362133
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	10.6	4.9	7.3#
68	6.2	4.1	6.1#





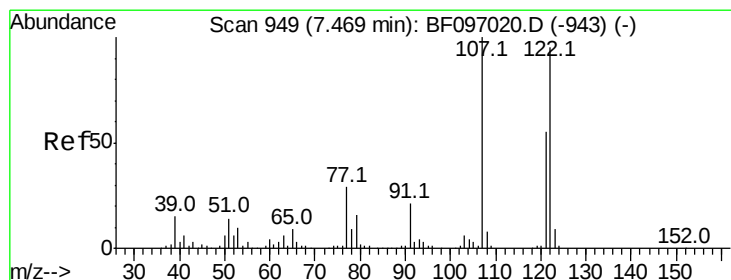
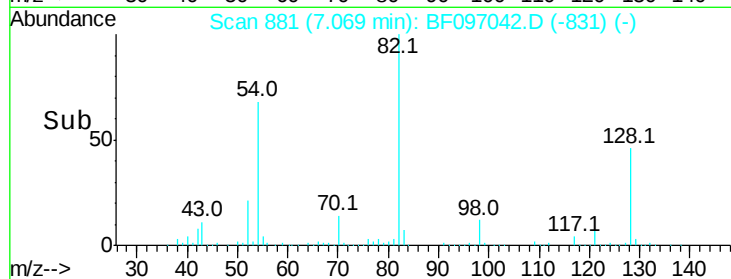
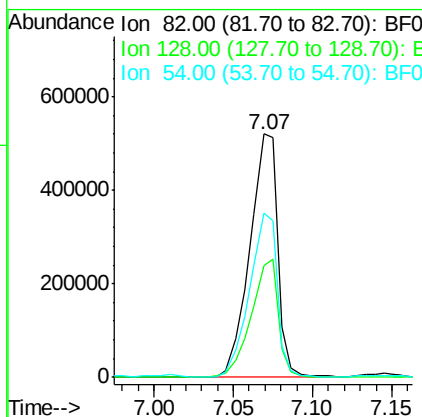
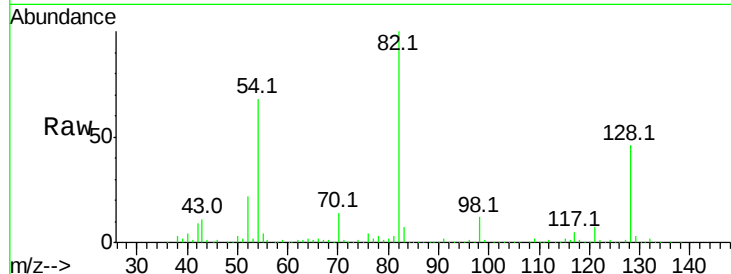
#23
 Nitrobenzene-d5
 Concen: 103.748 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF097042.D
 Acq: 25 Jul 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK

Tot Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	45.8	34.0	51.0
54	67.6	42.2	63.2

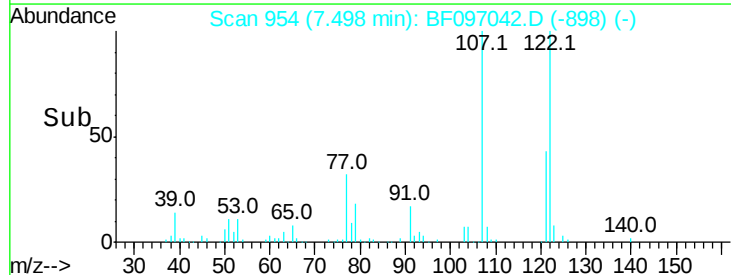
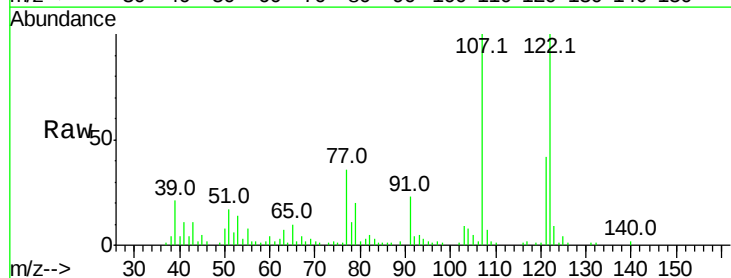
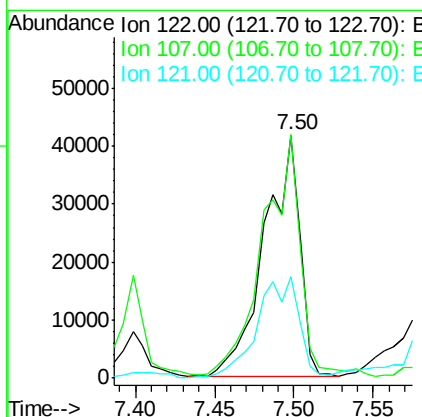
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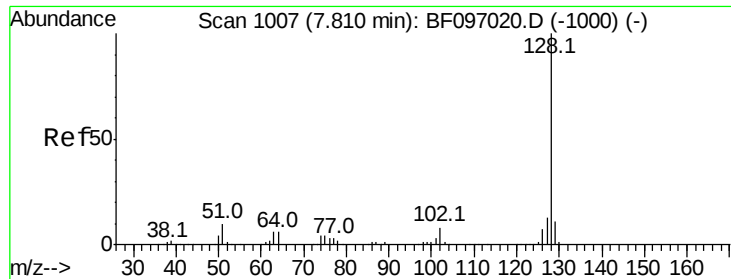
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#27
 2,4-Dimethylphenol
 Concen: 11.257 ng
 RT: 7.50 min Scan# 954
 Delta R.T. 0.03 min
 Lab File: BF097042.D
 Acq: 25 Jul 2017 21:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
107	100.4	89.2	133.8
121	42.1	45.2	67.8





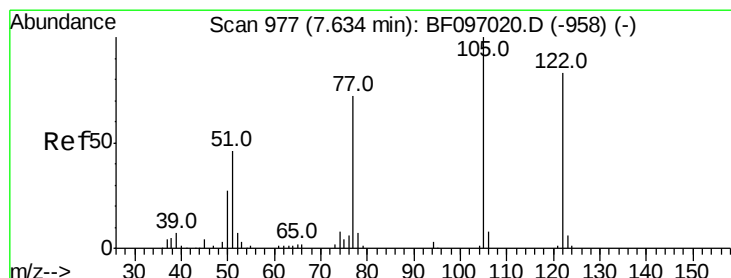
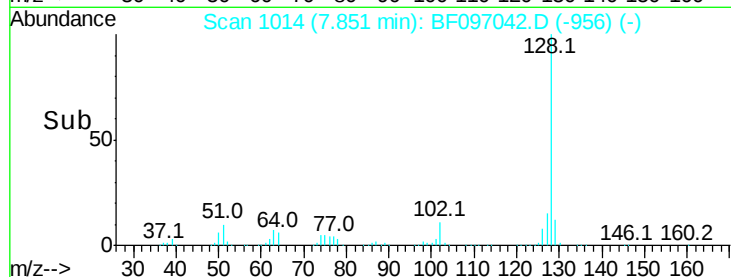
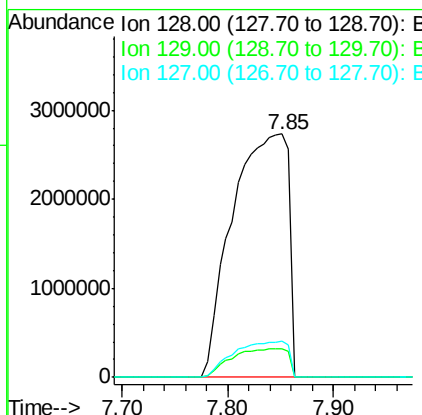
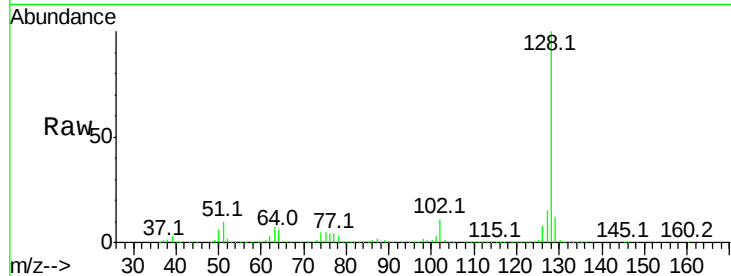
#31
Naphthalene
Concen: 588.624 ng
RT: 7.85 min Scan# 1014
Delta R.T. 0.04 min
Lab File: BF097042.D
Acq: 25 Jul 2017 21:21

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

Tot Ion:128 Resp:10048123
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 14.8 10.8 16.2

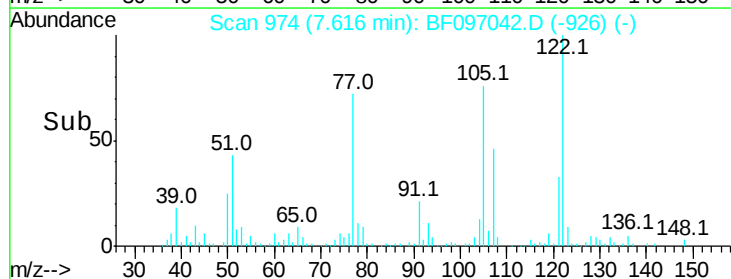
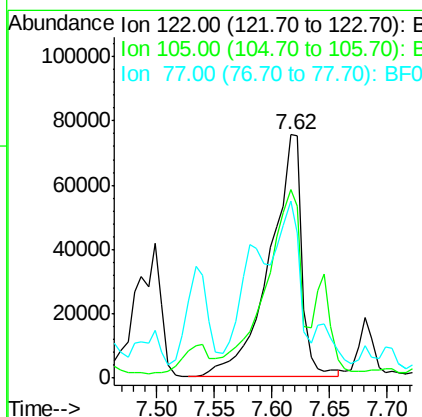
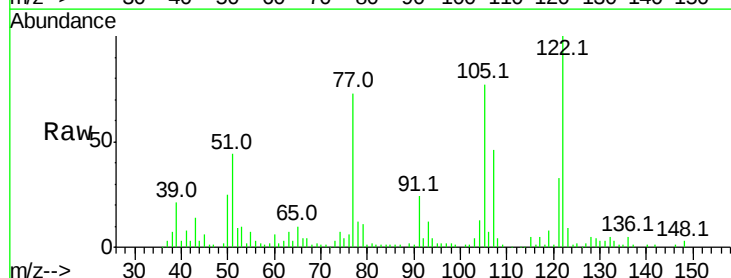
Manual Integrations
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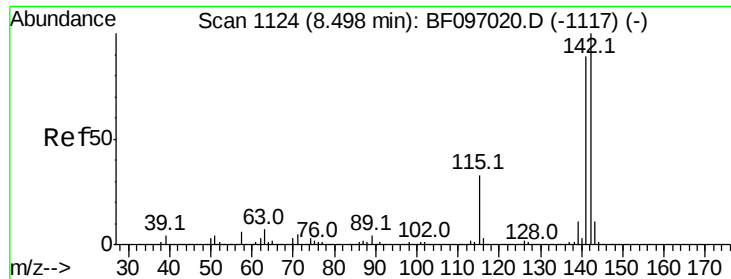
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#32
Benzoic acid
Concen: 34.235 ng
RT: 7.62 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF097042.D
Acq: 25 Jul 2017 21:21

Tgt Ion:122 Resp: 146678
Ion Ratio Lower Upper
122 100
105 77.3 103.3 143.3#
77 72.5 73.7 113.7#





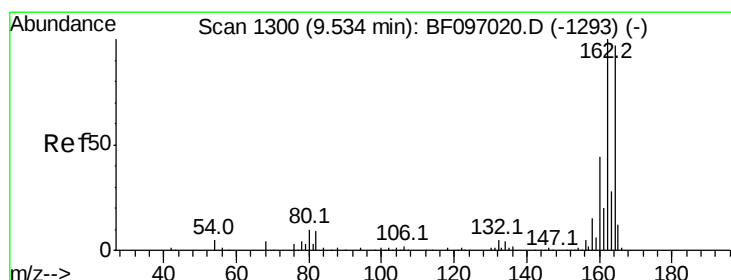
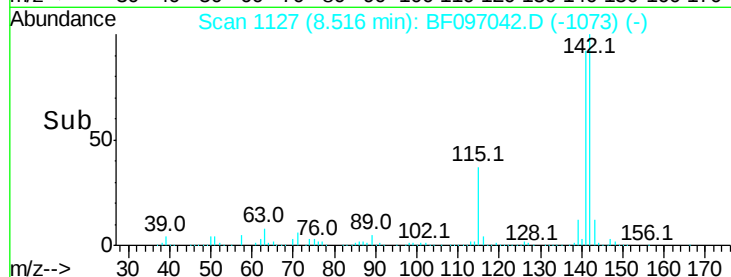
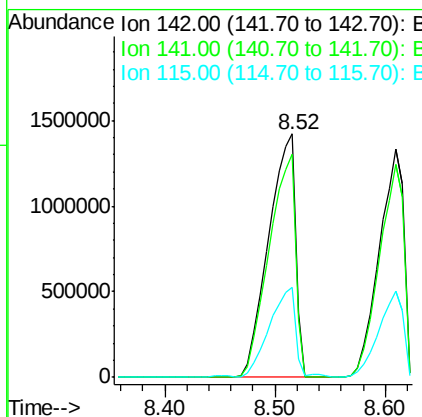
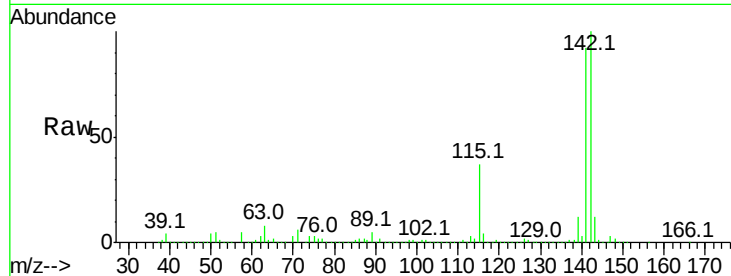
#37
2-Methylnaphthalene
Concen: 225.856 ng
RT: 8.52 min Scan# 1127
Delta R.T. 0.02 min
Lab File: BF097042.D
Acq: 25 Jul 2017 21:21

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.3	106.9
115	37.0	27.1	40.7

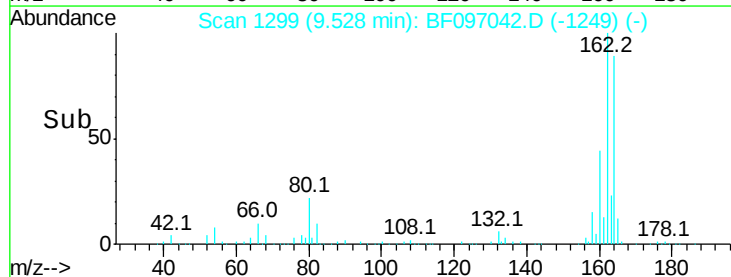
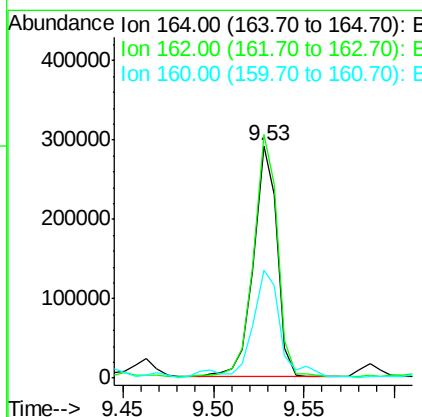
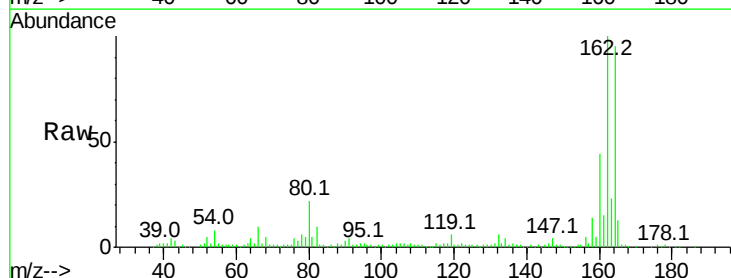
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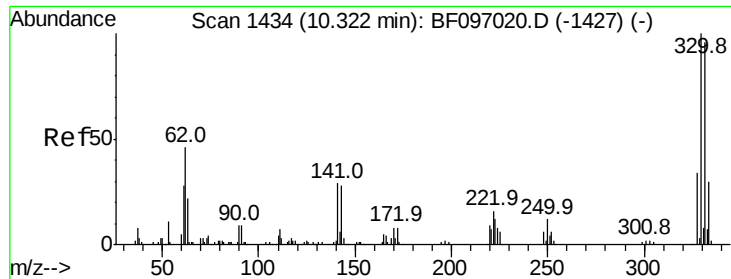
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097042.D
Acq: 25 Jul 2017 21:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	46.3	36.2	54.2





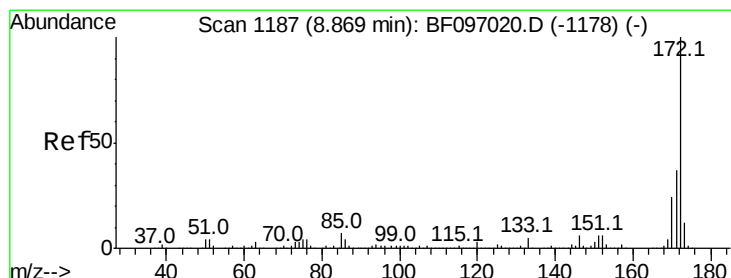
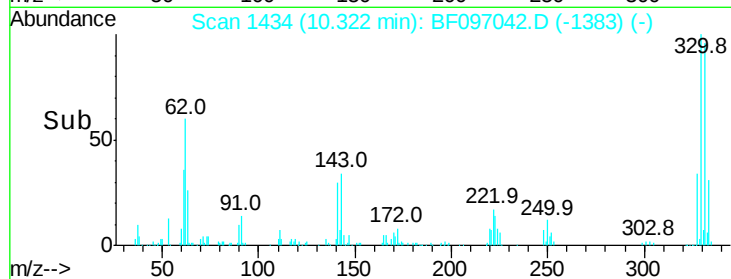
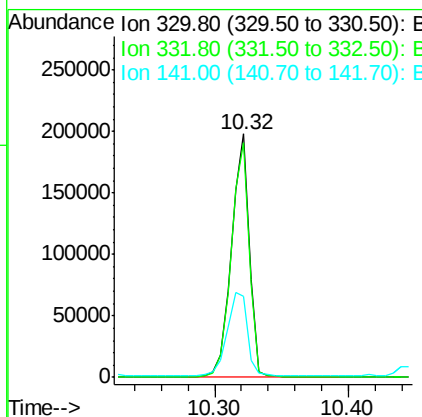
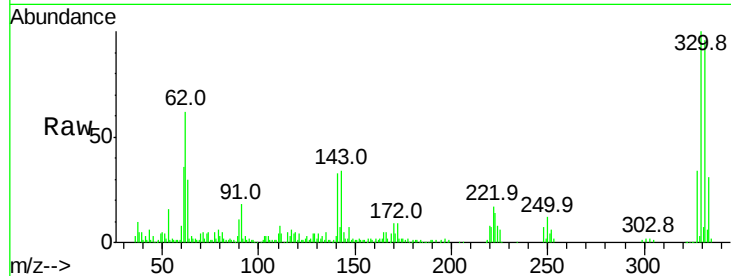
#41
 2,4,6-Tribromophenol
 Concen: 90.303 ng
 RT: 10.32 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF097042.D
 Acq: 25 Jul 2017 21:21

Instrument :
 BNA_F
 ClientSampled :
 FRAC-TANK

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	38.3	31.4	47.2

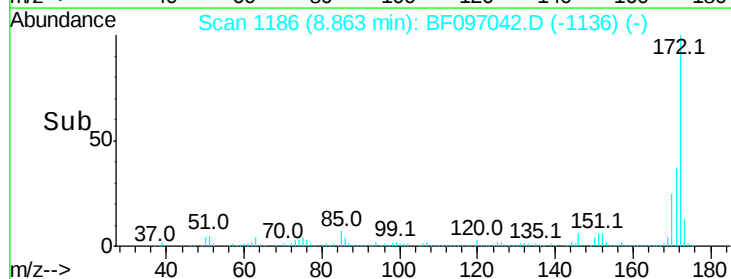
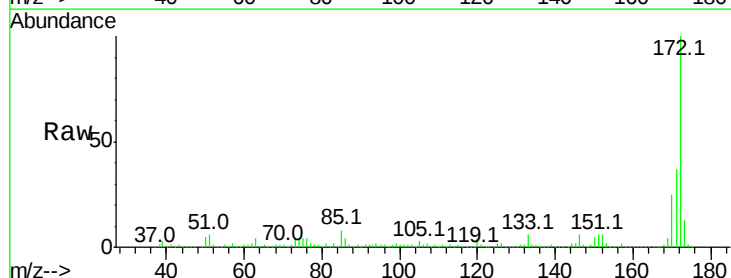
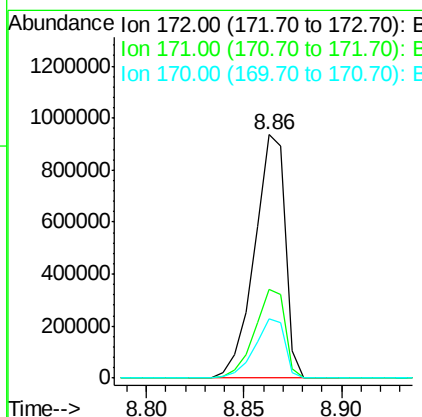
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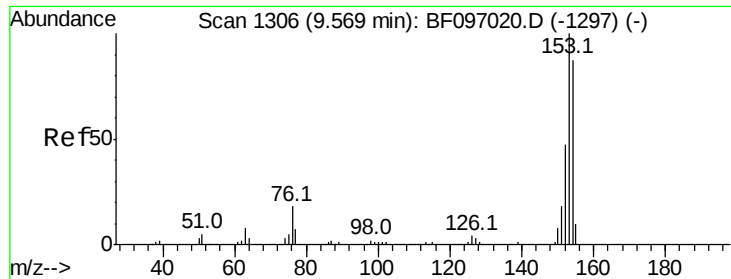
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#44
 2-Fluorobiphenyl
 Concen: 65.533 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097042.D
 Acq: 25 Jul 2017 21:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.5	19.8	29.8





#51

Acenaphthene

Concen: 3.521 ng

RT: 9.56 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF097042.D

Acq: 25 Jul 2017 21:21

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK

Tot Ion:154 Resp: 52877

Ion Ratio Lower Upper

154 100

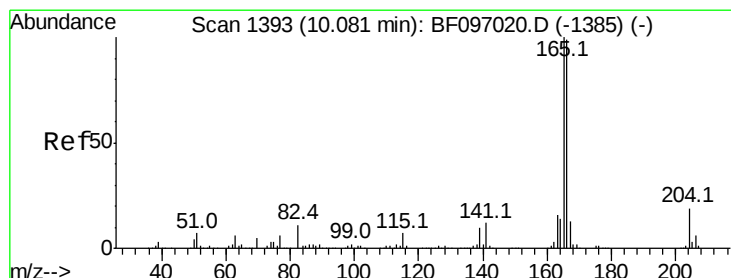
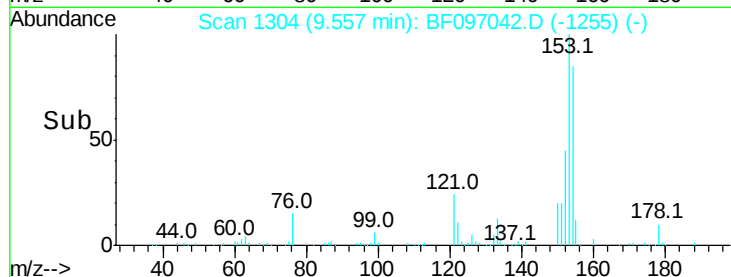
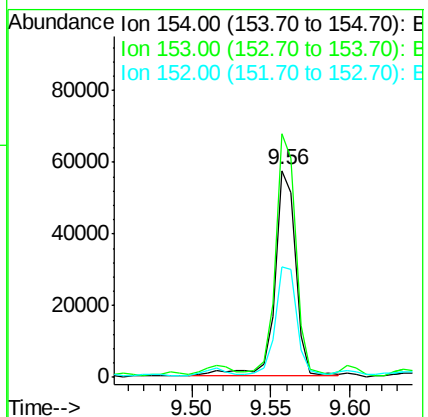
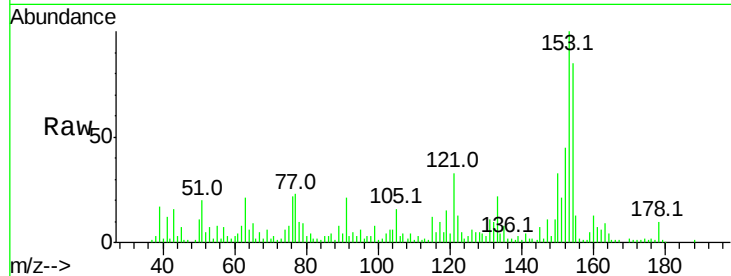
153 117.9 90.5 135.7

152 53.6 43.6 65.4

Manual Integrations
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#57

Fluorene

Concen: 5.863 ng

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF097042.D

Acq: 25 Jul 2017 21:21

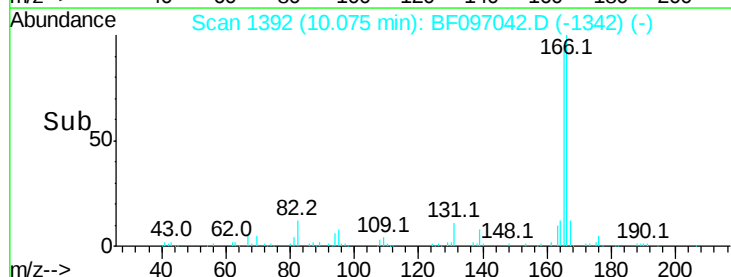
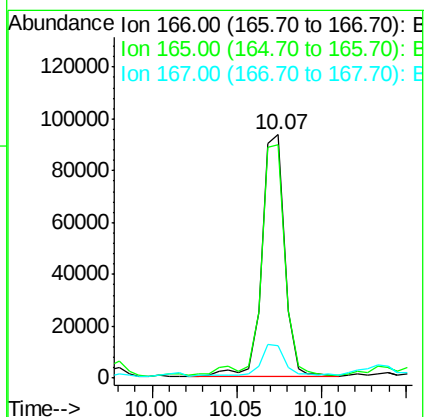
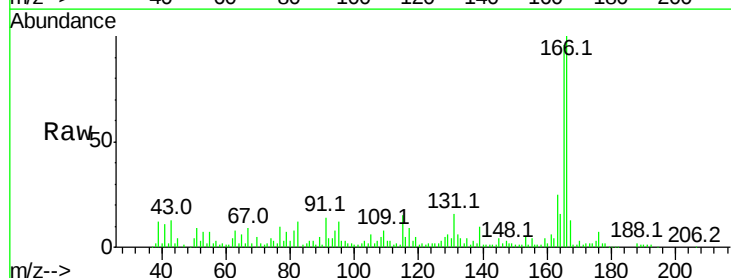
Tgt Ion:166 Resp: 88143

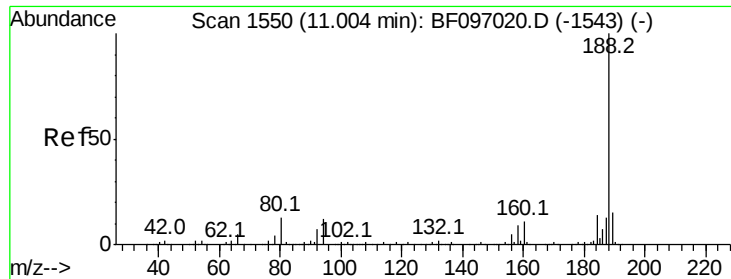
Ion Ratio Lower Upper

166 100

165 95.6 78.8 118.2

167 13.2 10.6 16.0





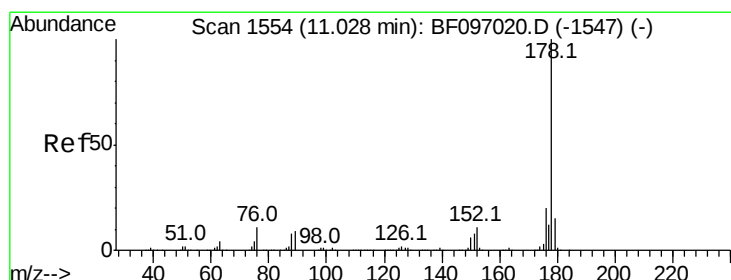
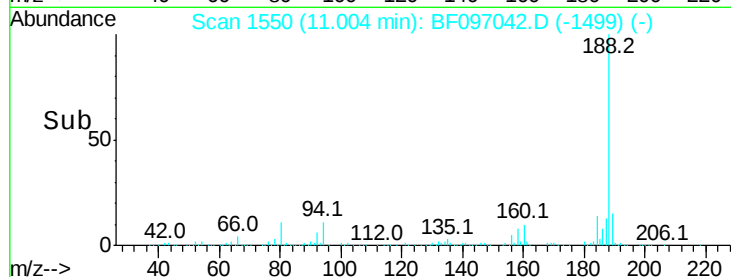
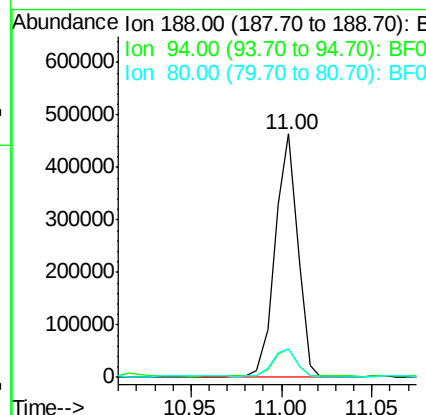
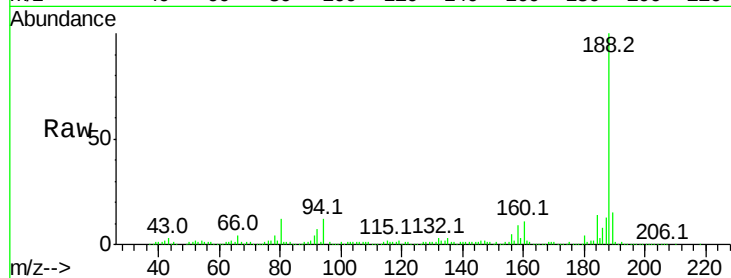
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF097042.D
Acq: 25 Jul 2017 21:21

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

Tot Ion	Ratio	Resp	Lower	Upper
188	100	400690		
94	11.9		9.4	14.2
80	11.7		10.2	15.2

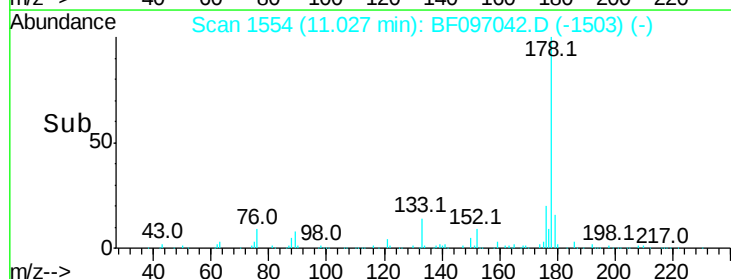
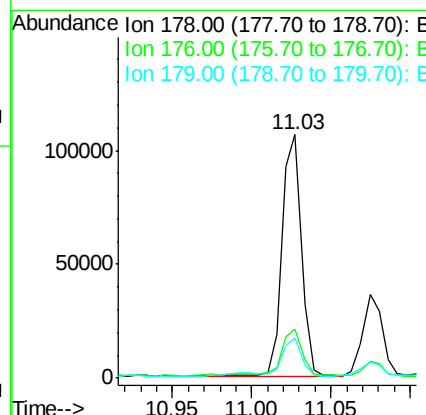
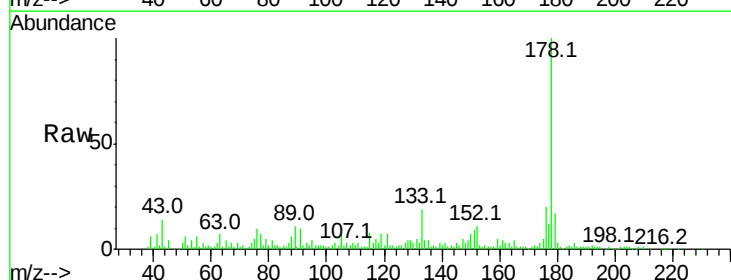
Manual Integrations
APPROVED

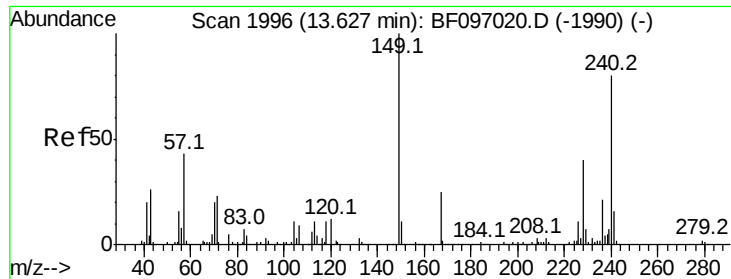
Sohil
7/26/2017 5:54:28 PM



#70
Phenanthrene
Concen: 4.242 ng
RT: 11.03 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF097042.D
Acq: 25 Jul 2017 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	91062		
176	20.1		16.2	24.4
179	16.6		12.6	19.0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097042.D

Acq: 25 Jul 2017 21:21

Instrument :

BNA_F

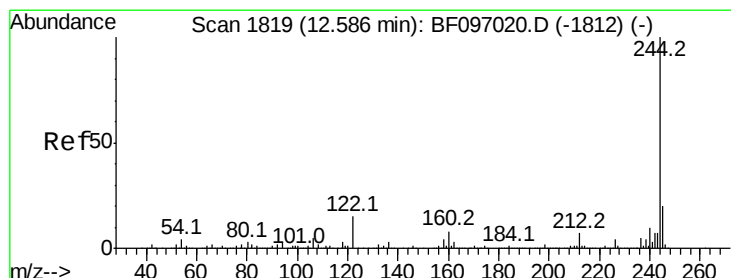
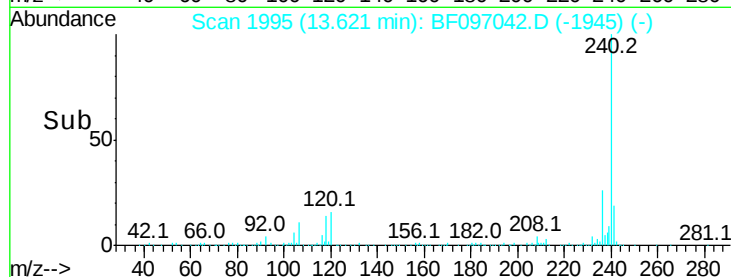
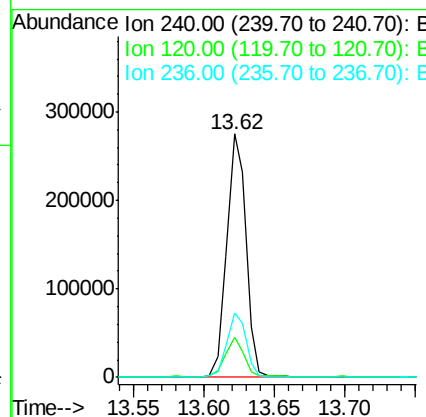
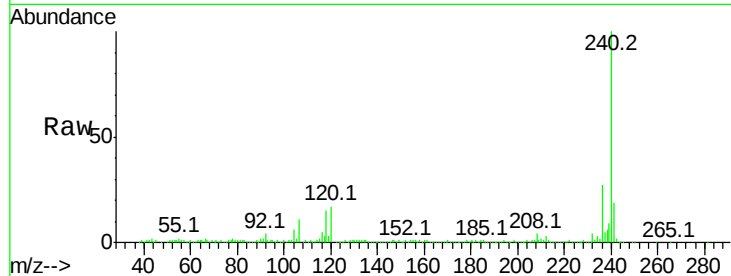
ClientSampleId :

FRAC-TANK

Tot Ion	Ratio	Resp	Lower	Upper
240	100	261664		
120	16.6	5.8	8.8#	
236	26.6	20.5	30.7	

Manual Integrations
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#78

Terphenyl-d14

Concen: 56.896 ng

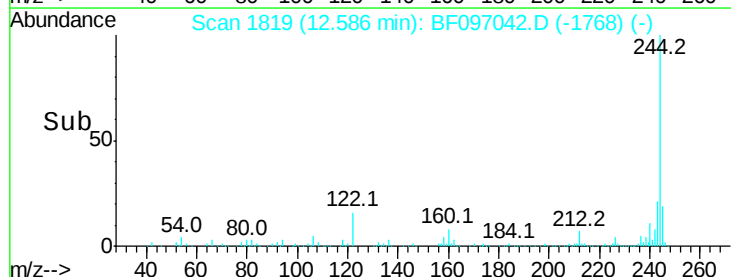
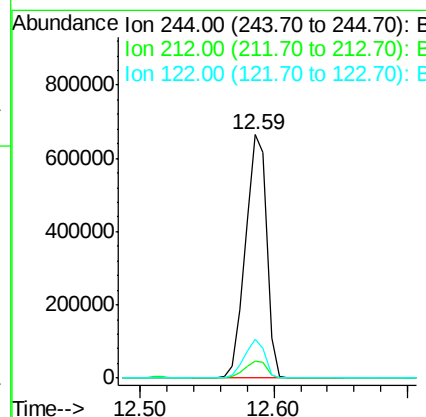
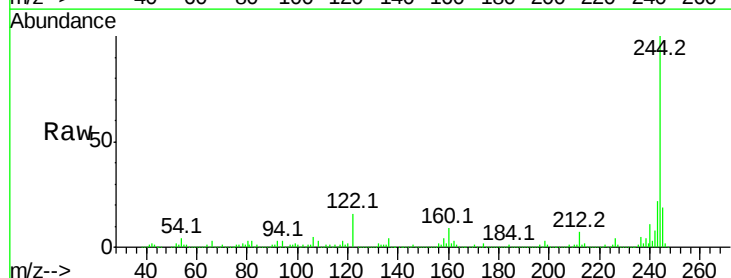
RT: 12.59 min Scan# 1819

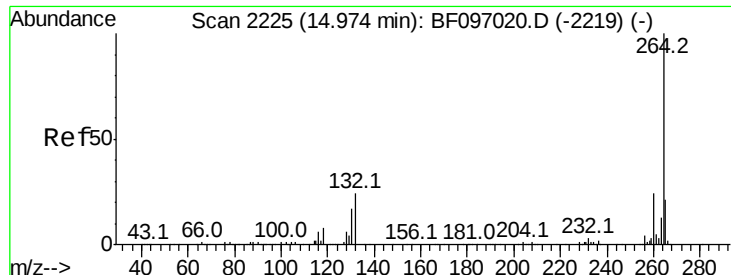
Delta R.T. -0.00 min

Lab File: BF097042.D

Acq: 25 Jul 2017 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	730193		
212	6.8	6.0	9.0	
122	15.9	10.3	15.5#	





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097042.D
 Acq: 25 Jul 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK

Tot Ion:	264	Resp:	213359
Ion Ratio		Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.6	17.2	25.8

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:54:28 PM

