

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091640.D
 Acq On : 15 Dec 2016 20:42
 Operator : UM/SJ
 Sample : H6086-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-ROLL-OFF-276-COMP

Manual Integrations
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 12/16/2016 6:23:37 PM

Quant Time: Dec 16 01:08:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	325555	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1205230	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	600789	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	798576	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	610251	20.00	ng	0.00
86) Perylene-d12	15.35	264	597676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1895574	98.10	ng	0.01
7) Phenol-d6	6.43	99	2549374	105.83	ng	0.00
23) Nitrobenzene-d5	7.34	82	1632307	75.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	480634	96.32	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2293952	65.97	ng	0.00
78) Terphenyl-d14	12.89	244	1584834	58.93	ng	-0.01
Target Compounds						
10) Phenol	6.44	94	157339	5.59	ng	# 72
49) Dimethylphthalate	9.54	163	206235	5.42	ng	# 98
83) Bis(2-ethylhexyl)phthalate	13.93	149	89554	3.70	ng	98
87) Benzo(b)fluoranthene	14.95	252	76426m	2.15	ng	

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

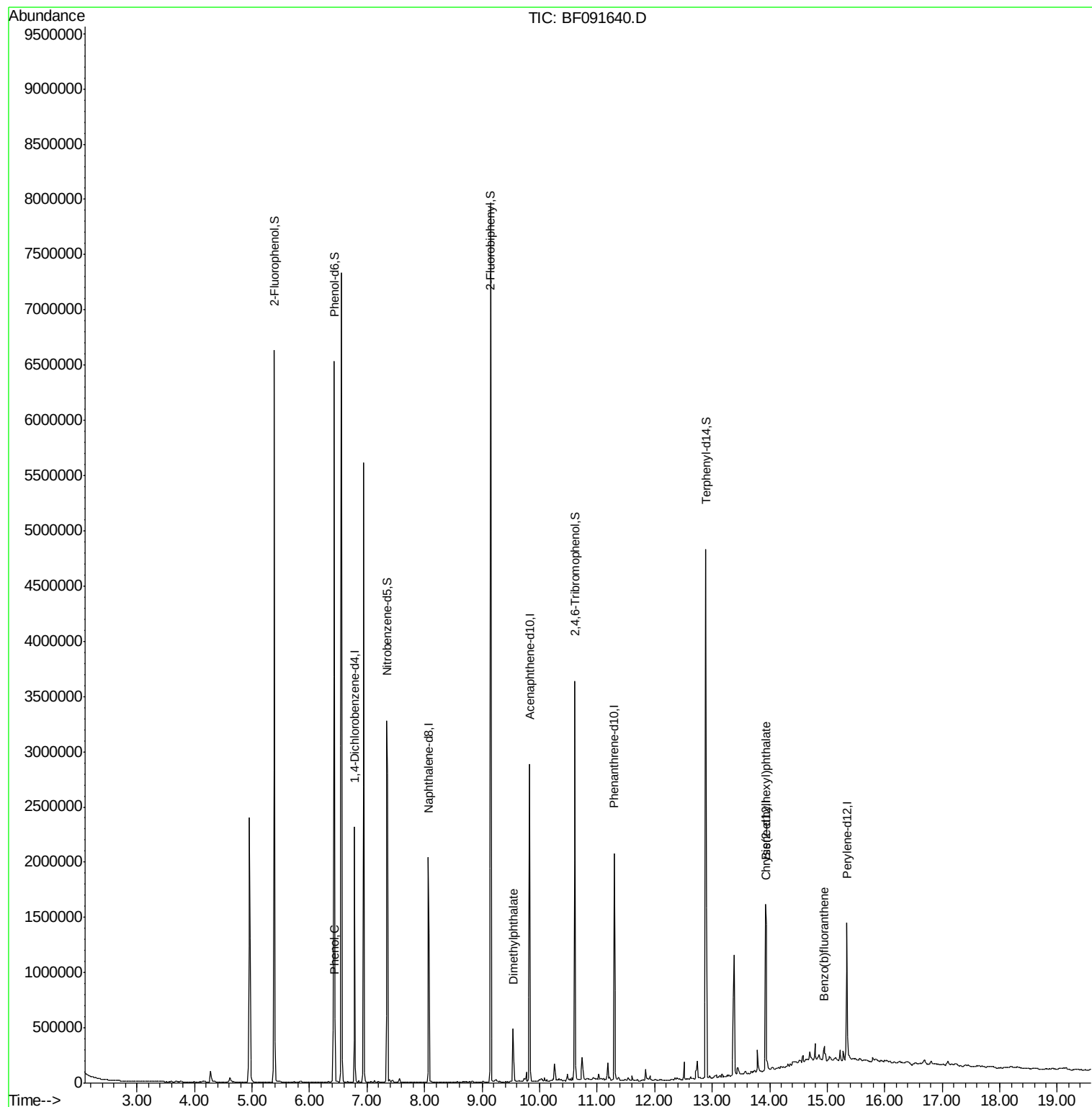
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091640.D
Acq On : 15 Dec 2016 20:42
Operator : UM/SJ
Sample : H6086-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

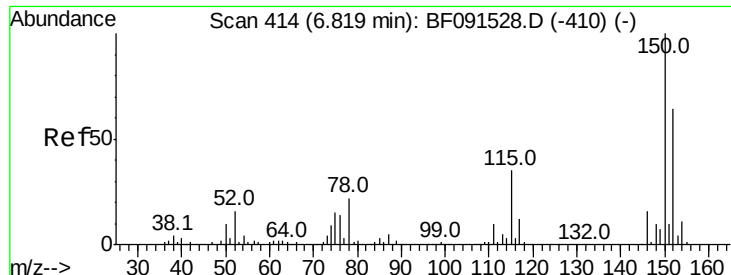
Instrument :
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ETGI-ROLL-OFF-276-COMP

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Quant Time: Dec 16 01:08:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
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#1

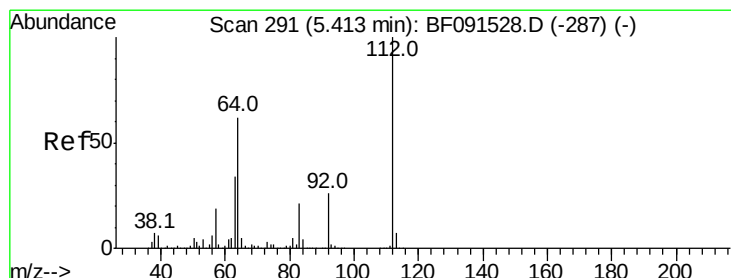
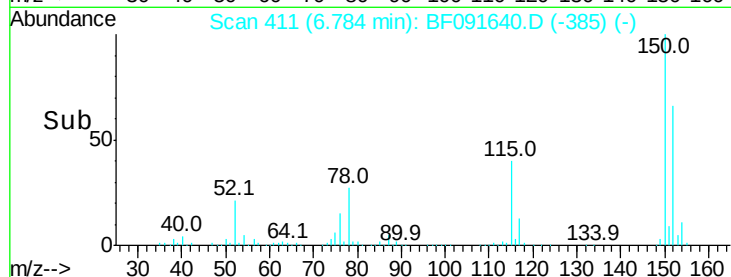
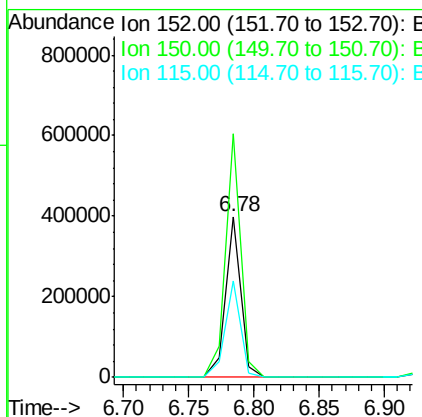
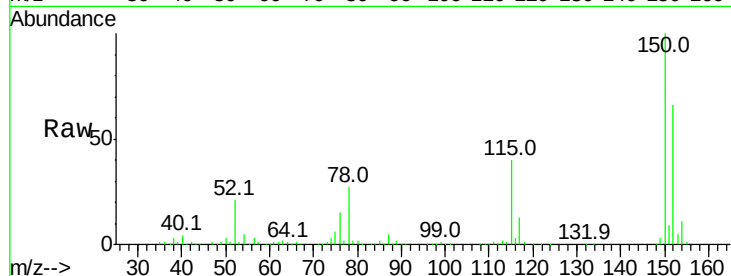
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF091640.D
Acq: 15 Dec 2016 20:42

Instrument :
BNA_F
ClientSampleId :
ETGI-ROLL-OFF-276-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	122.5	183.7
115	60.1	51.8	77.8

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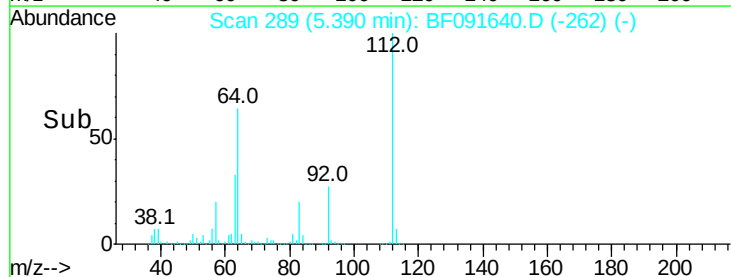
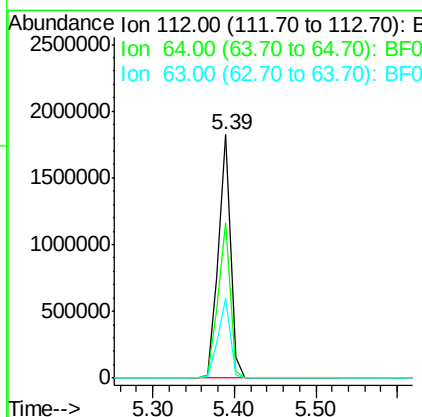
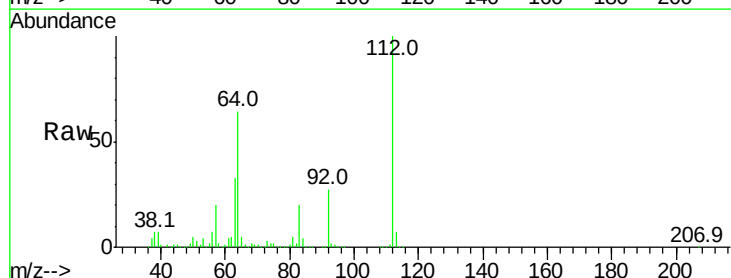
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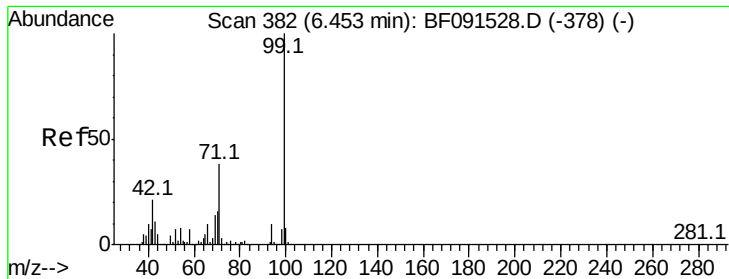


#5

2-Fluorophenol
Concen: 98.10 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF091640.D
Acq: 15 Dec 2016 20:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	61.5	92.3
63	32.9	33.3	49.9





#7

Phenol-d6

Concen: 105.83 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF091640.D

Acq: 15 Dec 2016 20:42

Instrument :

BNA_F

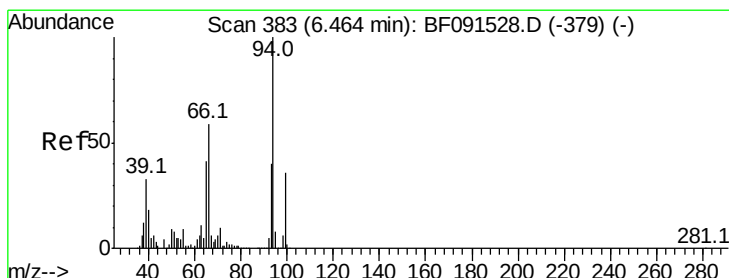
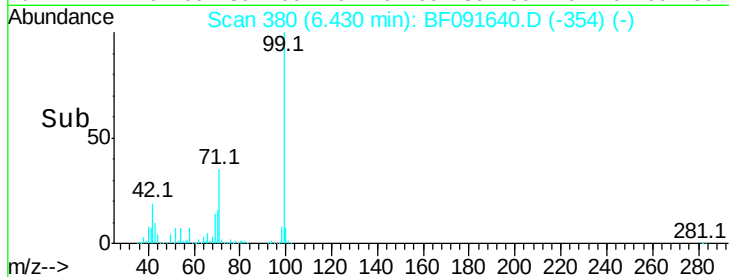
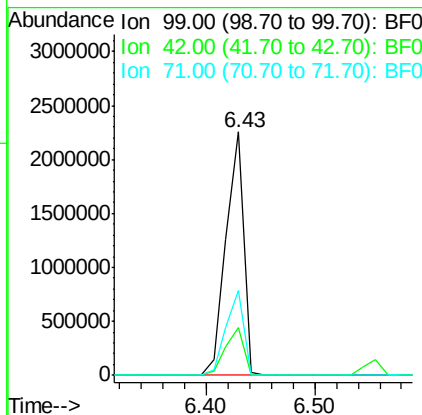
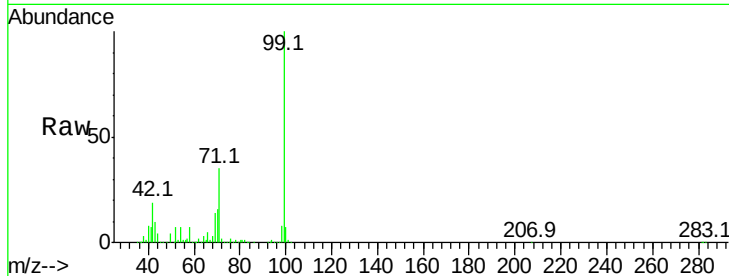
ClientSampleId :

ETGI-ROLL-OFF-276-COMP

Tot Ion:	99	Resp:	2549374
Ion	Ratio	Lower	Upper
99	100		
42	19.4	20.6	31.0#
71	35.0	29.9	44.9

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#10

Phenol

Concen: 5.59 ng

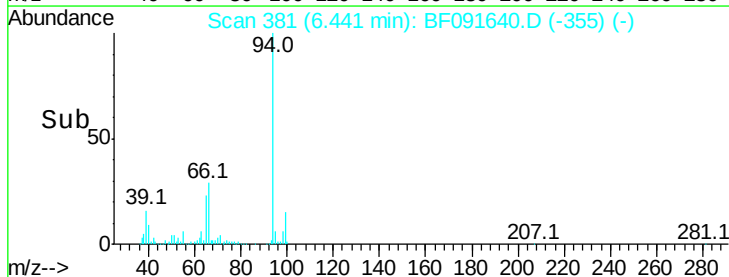
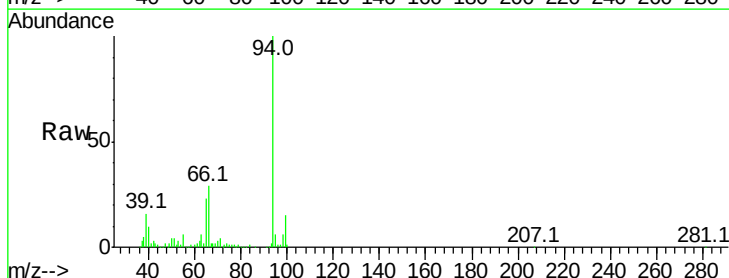
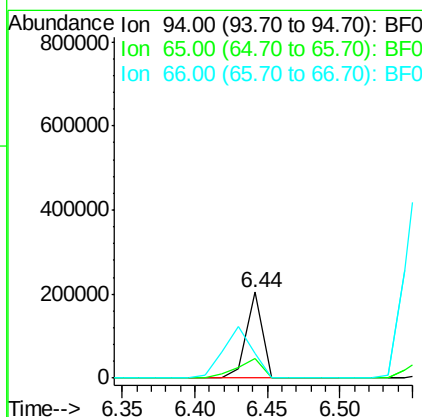
RT: 6.44 min Scan# 381

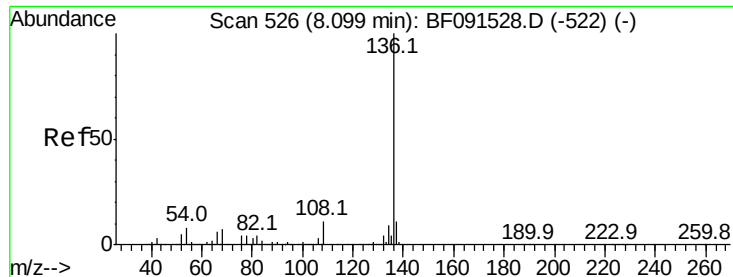
Delta R.T. -0.00 min

Lab File: BF091640.D

Acq: 15 Dec 2016 20:42

Tgt Ion:	94	Resp:	157339
Ion	Ratio	Lower	Upper
94	100		
65	22.7	16.9	56.9
66	29.3	30.6	70.6#





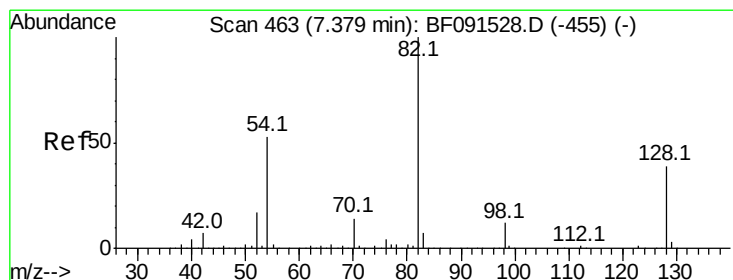
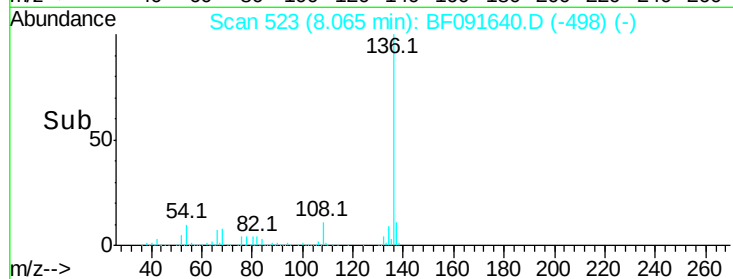
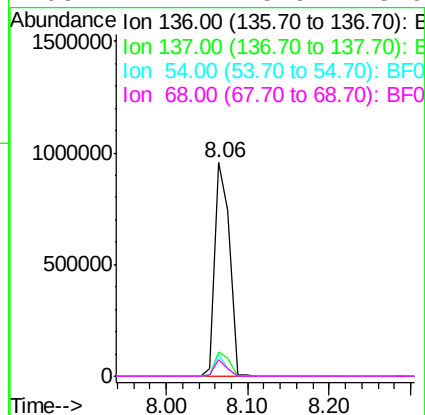
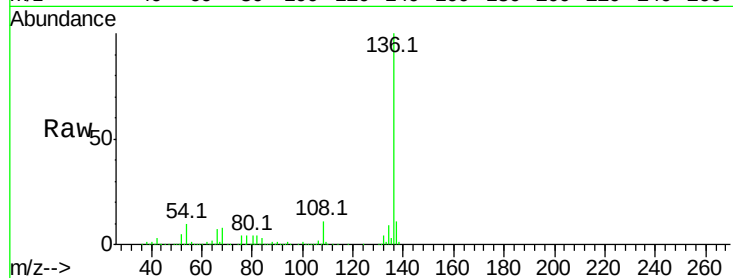
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091640.D
Acq: 15 Dec 2016 20:42

Instrument :
BNA_F
ClientSampleId :
ETGI-ROLL-OFF-276-COMP

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.4	9.1	13.7
68	7.7	5.9	8.9

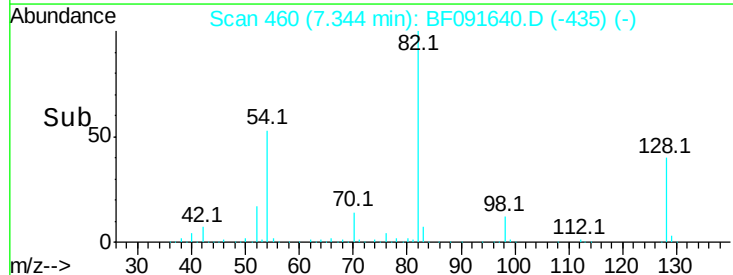
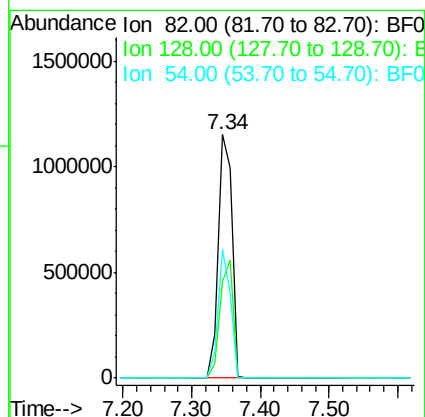
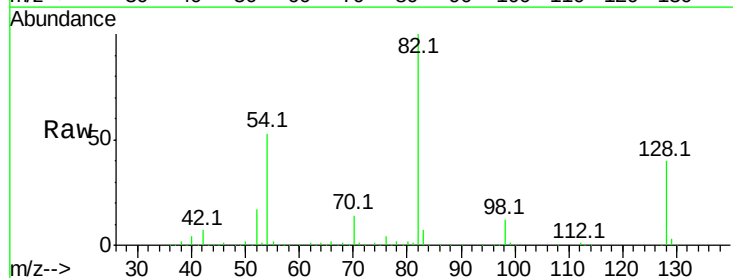
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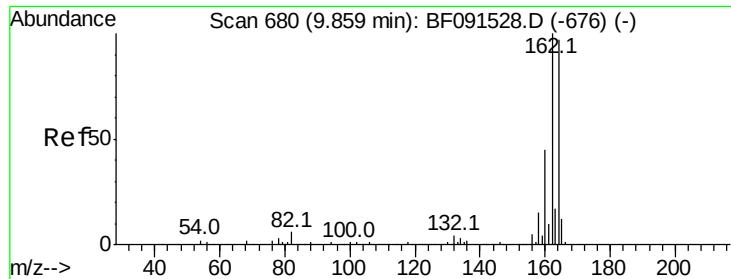
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#23
Nitrobenzene-d5
Concen: 75.59 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091640.D
Acq: 15 Dec 2016 20:42

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	31.8	47.6
54	52.5	49.1	73.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091640.D

Acq: 15 Dec 2016 20:42

Instrument :

BNA_F

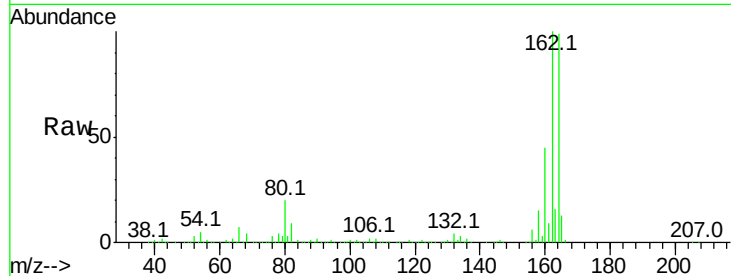
ClientSampleId :

ETGI-ROLL-OFF-276-COMP

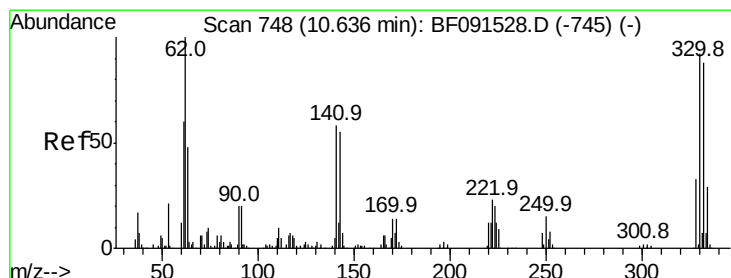
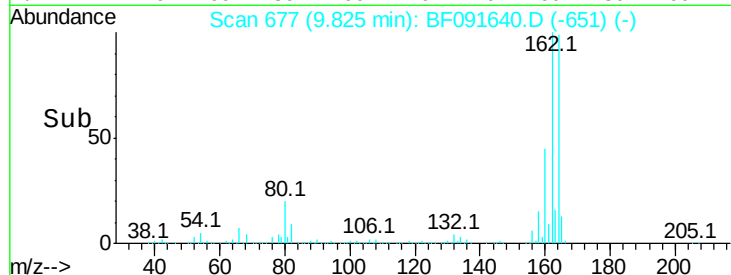
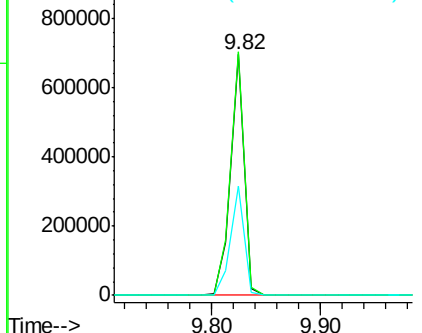
Tot Ion:	164	Resp:	600789
Ion Ratio	Lower	Upper	
164	100		
162	101.1	82.6	124.0
160	45.6	36.7	55.1

Manual Integrations
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 96.32 ng

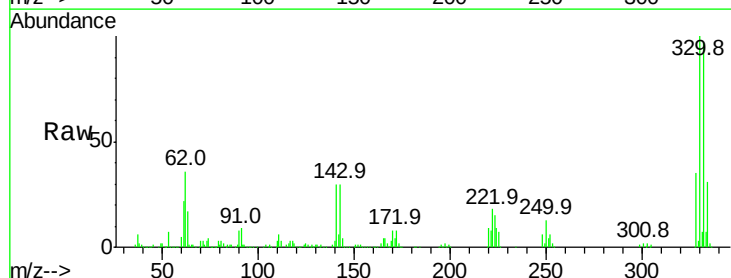
RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

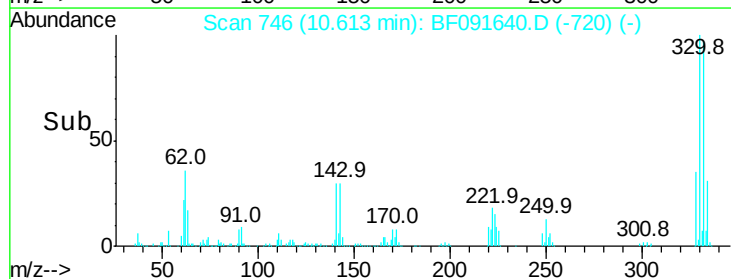
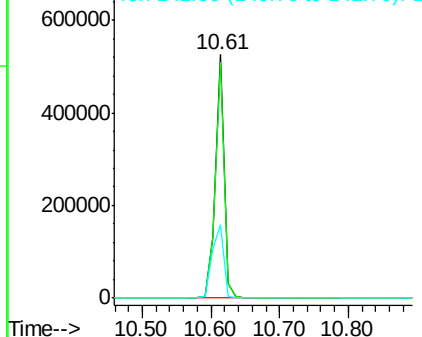
Lab File: BF091640.D

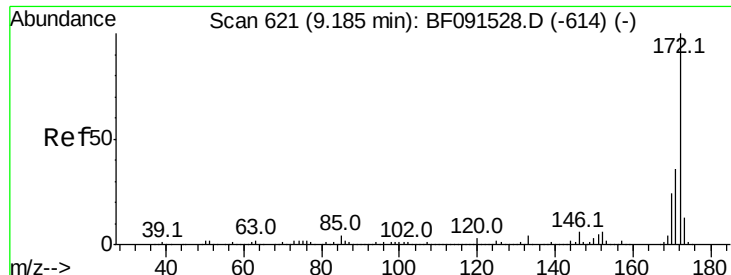
Acq: 15 Dec 2016 20:42

Tgt Ion:	330	Resp:	480634
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.2	114.4
141	39.4	33.6	50.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





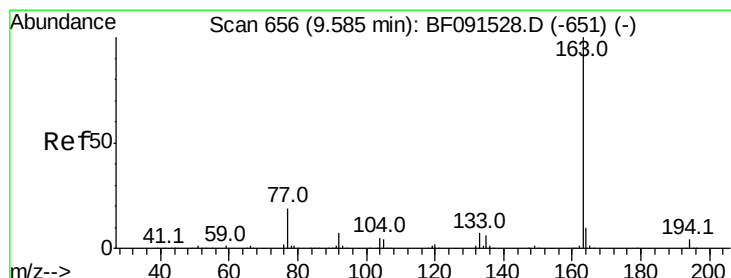
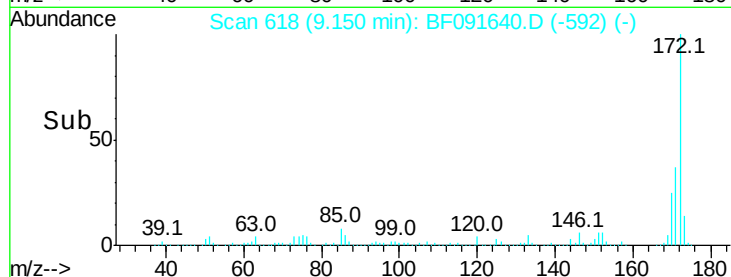
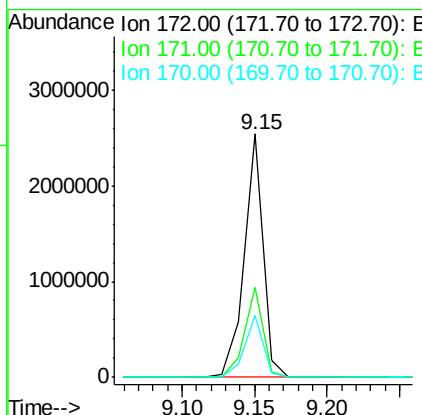
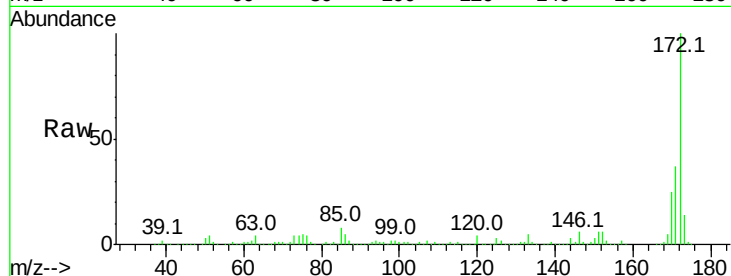
#44
2-Fluorobiphenyl
Concen: 65.97 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF091640.D
Acq: 15 Dec 2016 20:42

Instrument :
BNA_F
ClientSampleId :
ETGI-ROLL-OFF-276-COMP

Tot Ion:172 Resp: 2293952
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 25.3 19.7 29.5

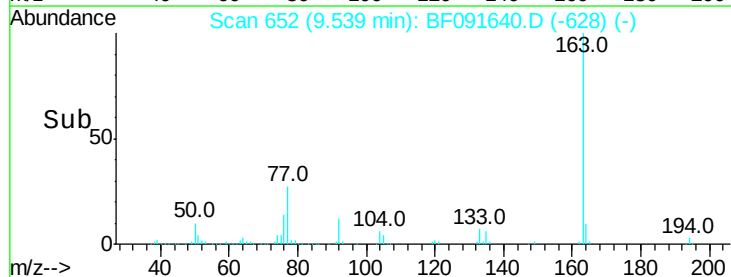
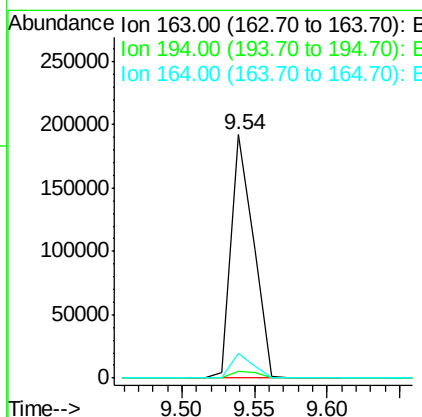
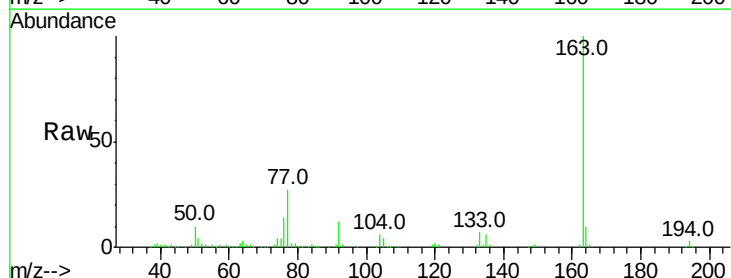
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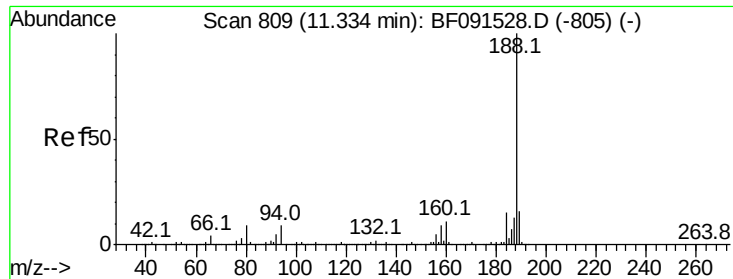
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#49
Dimethylphthalate
Concen: 5.42 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF091640.D
Acq: 15 Dec 2016 20:42

Tgt Ion:163 Resp: 206235
Ion Ratio Lower Upper
163 100
194 2.8 3.0 4.4#
164 10.4 7.8 11.8





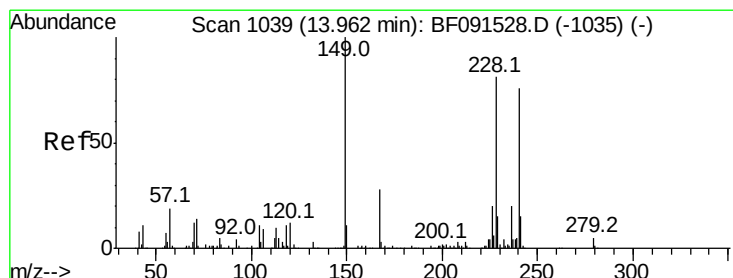
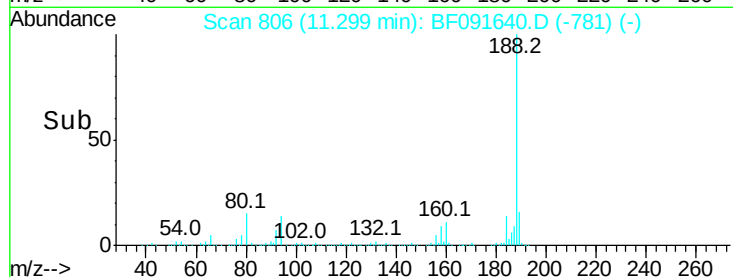
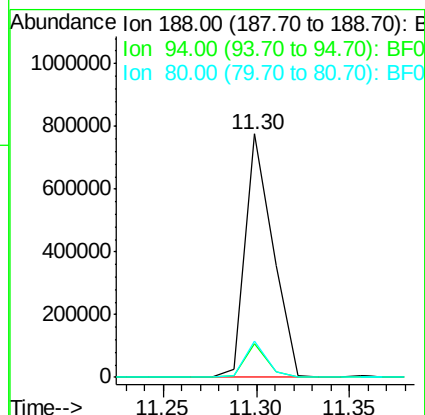
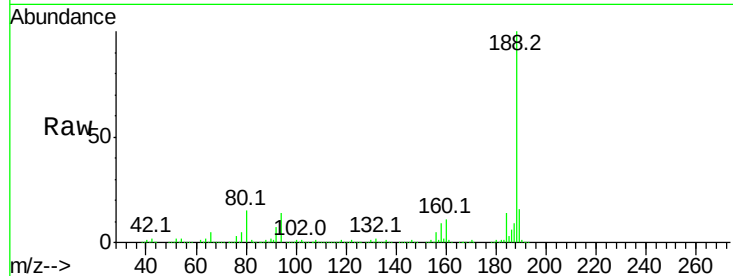
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091640.D
Acq: 15 Dec 2016 20:42

Instrument :
BNA_F
ClientSampleId :
ETGI-ROLL-OFF-276-COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.6	9.2	13.8
80	14.9	10.5	15.7

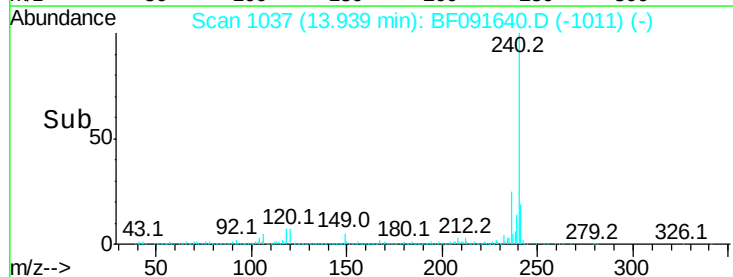
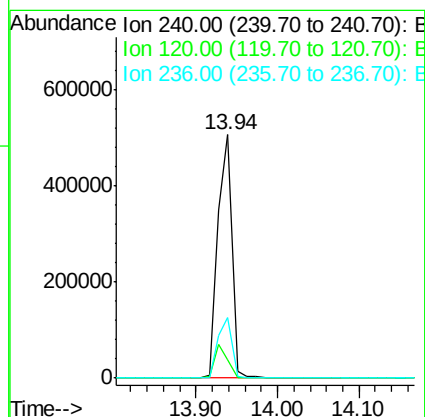
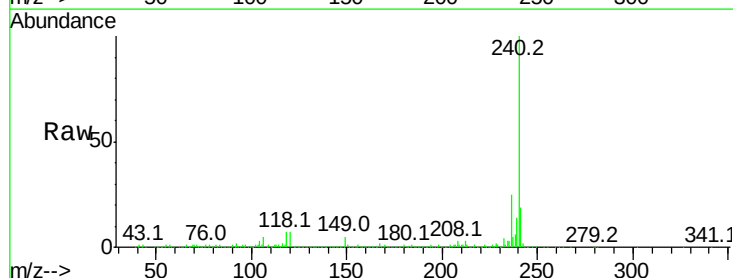
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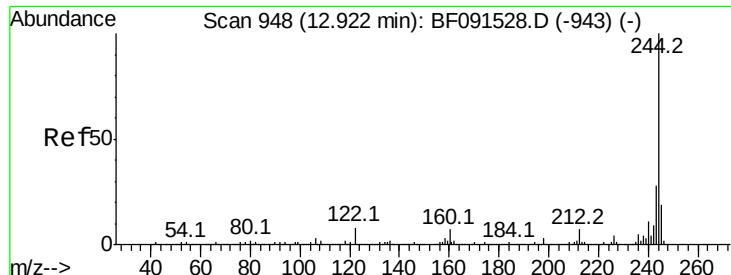
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF091640.D
Acq: 15 Dec 2016 20:42

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.4	12.1	18.1#
236	24.8	21.0	31.6





#78

Terphenyl-d14

Concen: 58.93 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091640.D

Acq: 15 Dec 2016 20:42

Instrument :

BNA_F

ClientSampleId :

ETGI-ROLL-OFF-276-COMP

Tot Ion:244 Resp: 1584834

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

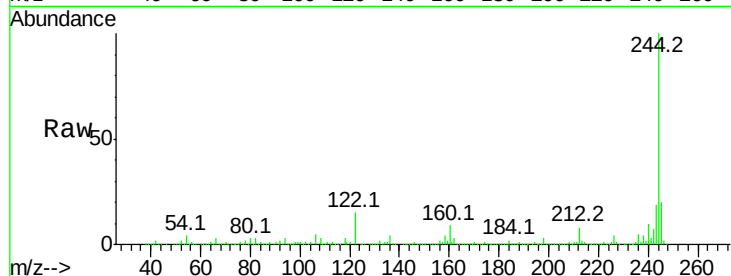
122 14.9 9.5 14.3#

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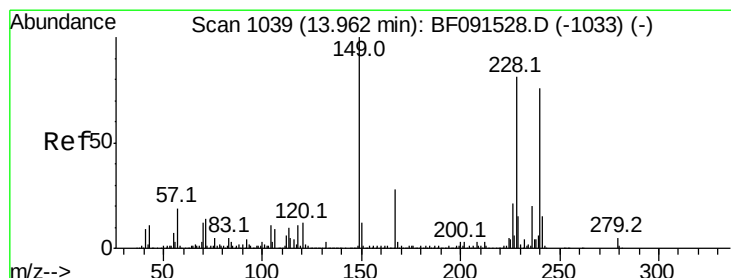
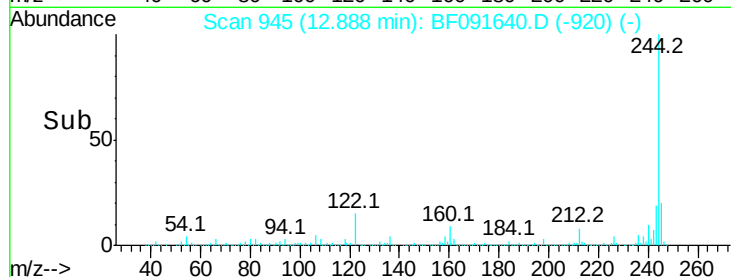
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.89

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.70 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF091640.D

Acq: 15 Dec 2016 20:42

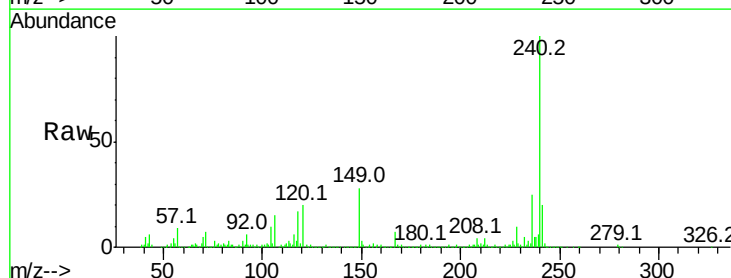
Tgt Ion:149 Resp: 89554

Ion Ratio Lower Upper

149 100

167 25.4 19.6 29.4

279 2.3 1.9 2.9



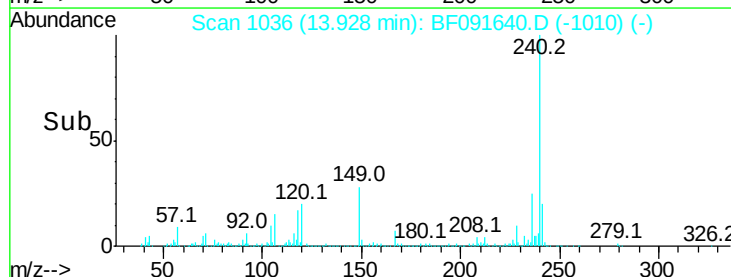
Abundance Ion 149.00 (148.70 to 149.70): E

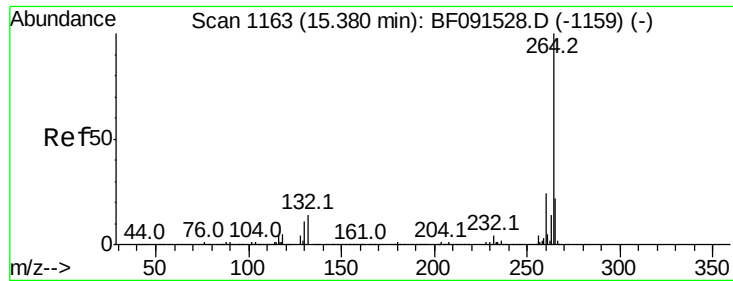
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

13.93

Time-->





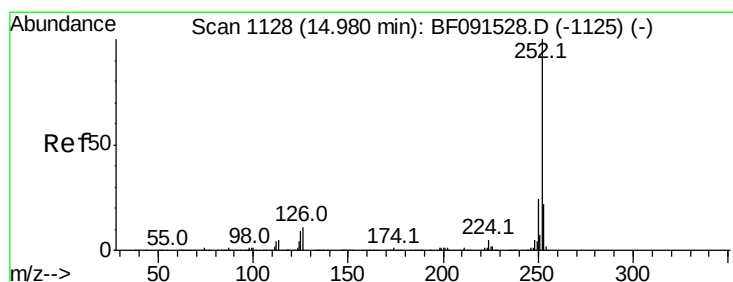
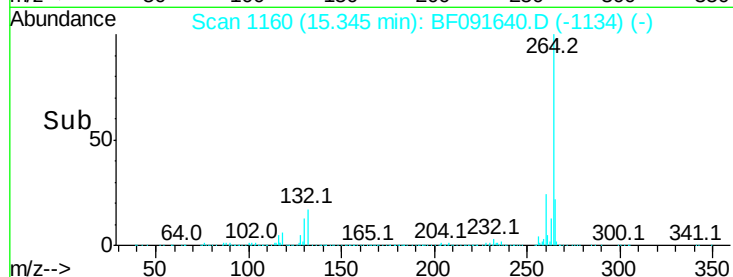
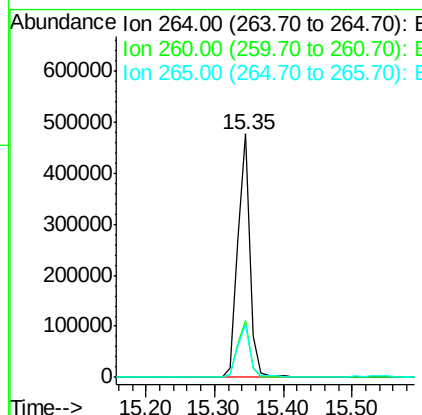
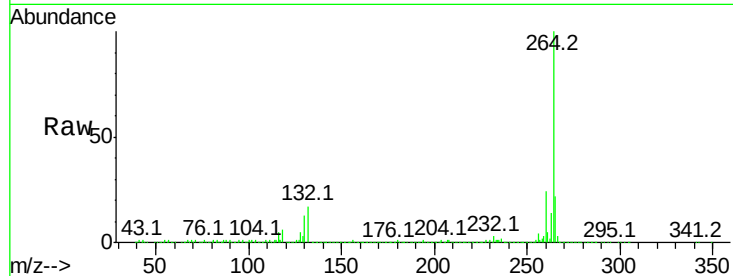
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF091640.D
Acq: 15 Dec 2016 20:42

Instrument :
BNA_F
ClientSampleId :
ETGI-ROLL-OFF-276-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.7	17.0	25.6

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:23:37 PM



#87
Benzo(b)fluoranthene
Concen: 2.15 ng m
RT: 14.95 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF091640.D
Acq: 15 Dec 2016 20:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	13.8	8.6	13.0

