

Data Path : Z:\HPCHEM1\BNA_F\Data\BF013117\
 Data File : BF092682.D
 Acq On : 31 Jan 2017 15:42
 Operator : SJ/MA
 Sample : I1529-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELT-WCS012617(15-60)

Quant Time: Jan 31 16:39:23 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

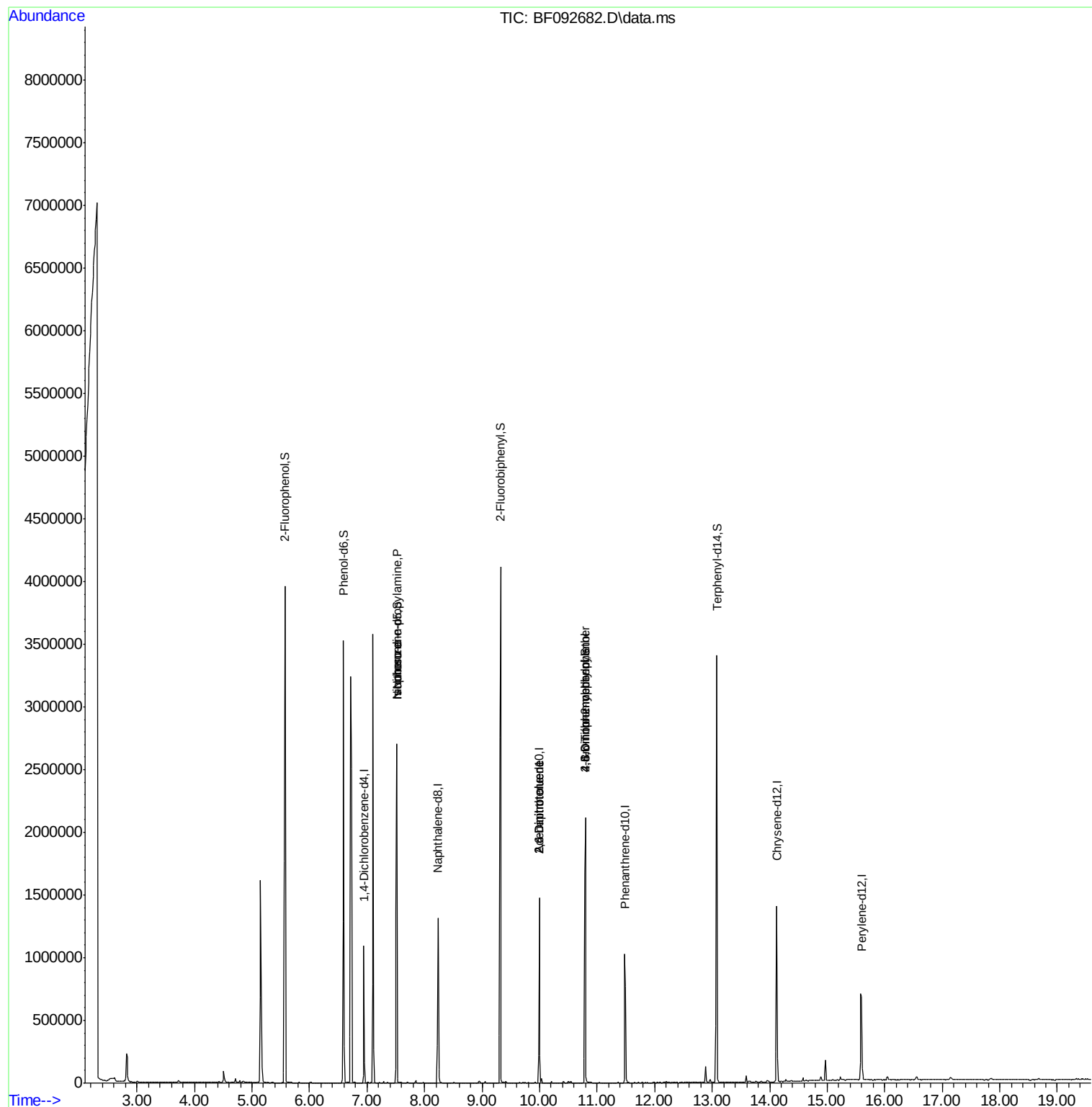
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	148025	20.00	ng	-0.02
21) Naphthalene-d8	8.236	136	581347	20.00	ng	-0.02
38) Acenaphthene-d10	9.996	164	309894	20.00	ng	-0.01
63) Phenanthrene-d10	11.482	188	511185	20.00	ng	-0.01
75) Chrysene-d12	14.122	240	460153	20.00	ng	-0.02
86) Perylene-d12	15.597	264	389309	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	1111303	128.80	ng	0.00
7) Phenol-d6	6.590	99	1220521	109.94	ng	-0.01
23) Nitrobenzene-d5	7.516	82	975715	93.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.796	330	333507	148.80	ng	-0.01
44) 2-Fluorobiphenyl	9.322	172	1728432	101.05	ng	-0.01
78) Terphenyl-d14	13.082	244	1688099	86.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.516	70	131049	18.54	ng	Qvalue
25) Isophorone	7.516	82	951713	48.92	ng	# 79
50) 2,6-Dinitrotoluene	9.996	165	40974	9.09	ng	# 65
56) 2,4-Dinitrotoluene	9.996	165	40976	6.83	ng	# 31
64) 4,6-Dinitro-2-methylph...	10.796	198	824	2.92	ng	# 20
66) 4-Bromophenyl-phenylether	10.796	248	25870	4.84	ng	# 1

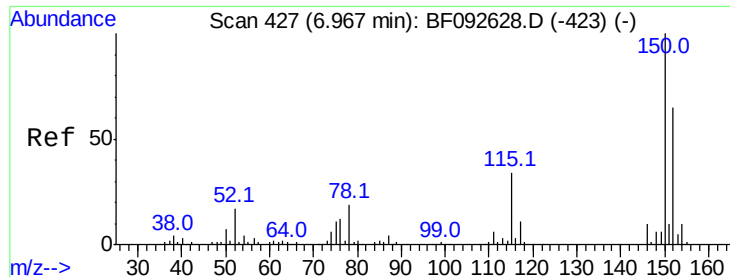
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.945 min Scan# 42

Delta R.T. -0.023 min

Lab File: BF092682.D

Acq: 31 Jan 2017 15:42

Instrument :

BNA_F

ClientSampleId :

ELT-WCS012617(15-60)

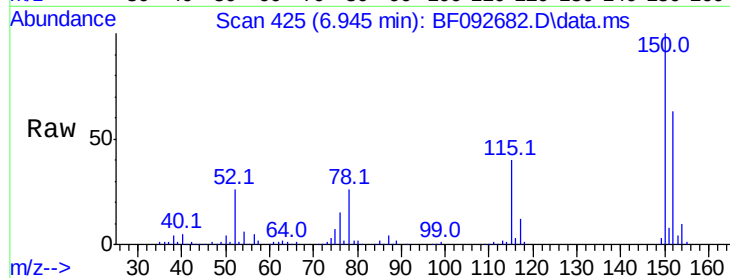
Tgt Ion:152 Resp: 148025

Ion Ratio Lower Upper

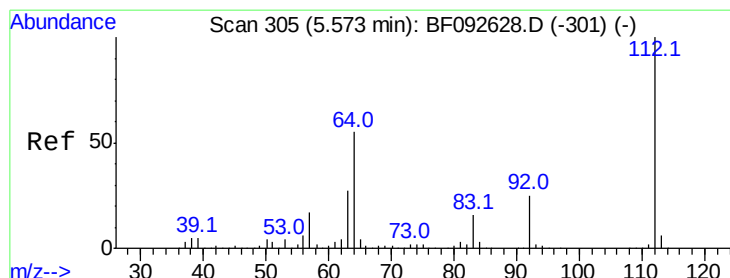
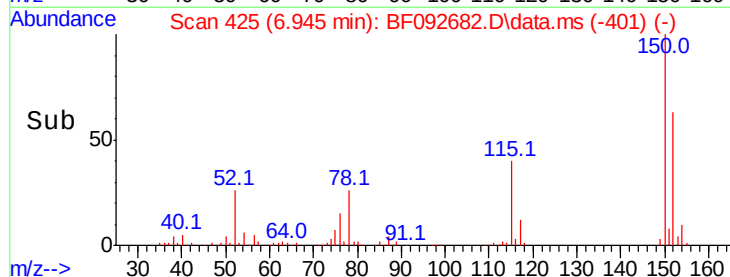
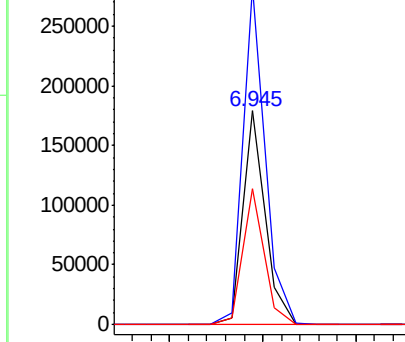
152 100

150 158.5 124.9 187.3

115 63.7 46.0 69.0



Abundance



#5

2-Fluorophenol

Concen: 128.80 ng

RT: 5.573 min Scan# 305

Delta R.T. 0.001 min

Lab File: BF092682.D

Acq: 31 Jan 2017 15:42

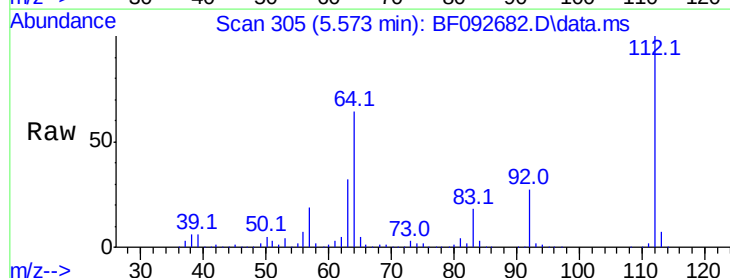
Tgt Ion:112 Resp: 1111303

Ion Ratio Lower Upper

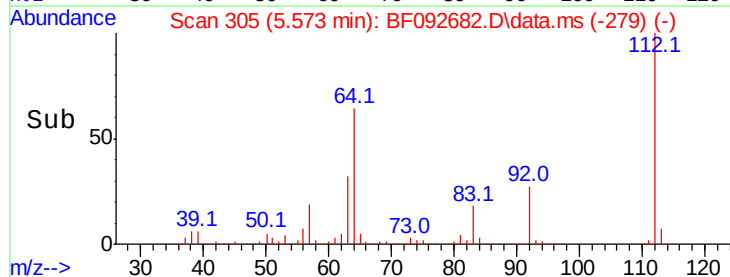
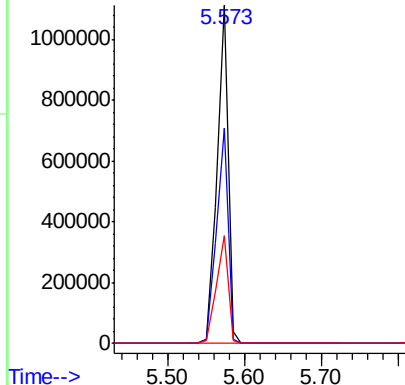
112 100

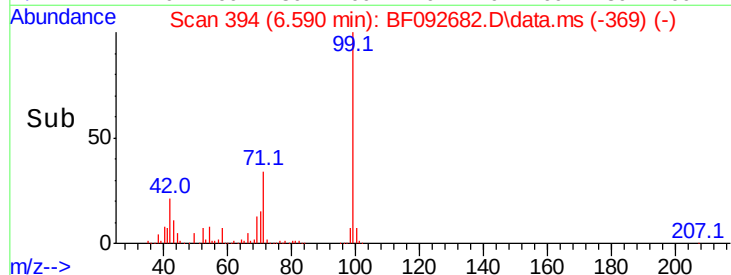
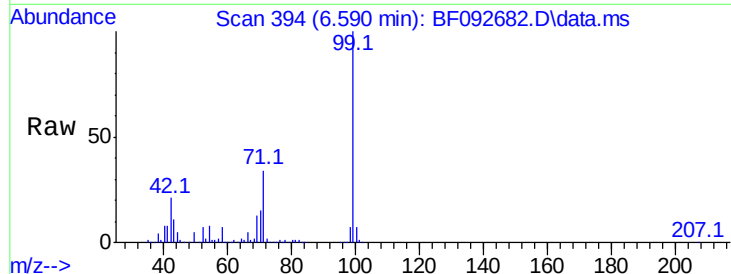
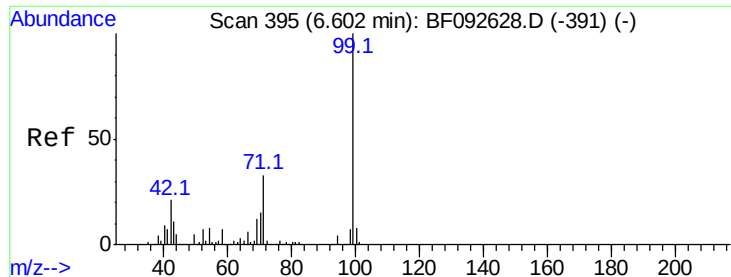
64 63.8 46.1 69.1

63 31.8 23.8 35.6



Abundance





#7

Phenol-d6

Concen: 109.94 ng

RT: 6.590 min Scan# 391

Delta R.T. -0.011 min

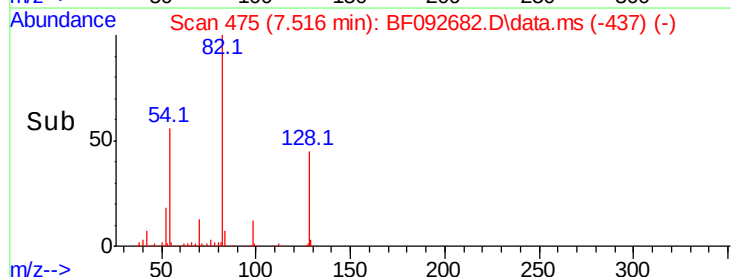
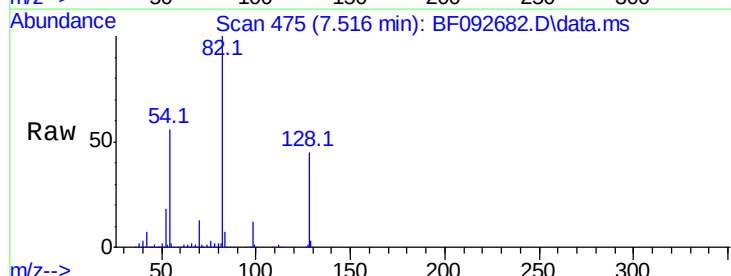
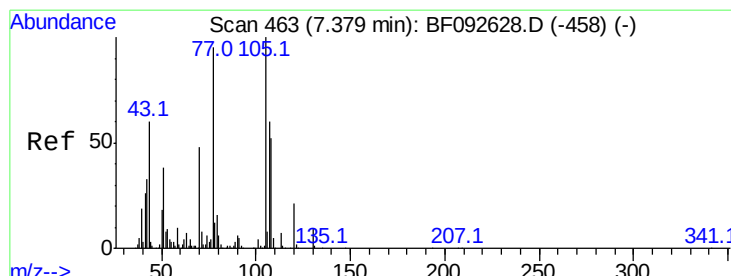
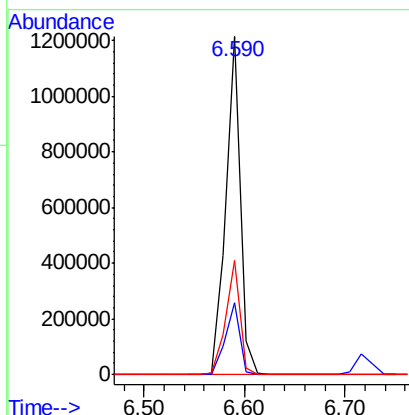
Lab File: BF092682.D

Acq: 31 Jan 2017 15:42

Tgt Ion: 99 Resp: 1220521

Ion	Ratio	Lower	Upper
99	100		
42	21.3	15.6	23.4
71	33.8	27.5	41.3

Instrument :
BNA_F
ClientSampleId :
ELT-WCS012617(15-60)



#19

n-Nitroso-di-n-propylamine

Concen: 18.54 ng

RT: 7.516 min Scan# 475

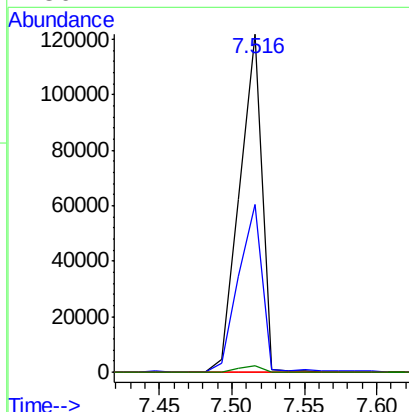
Delta R.T. 0.137 min

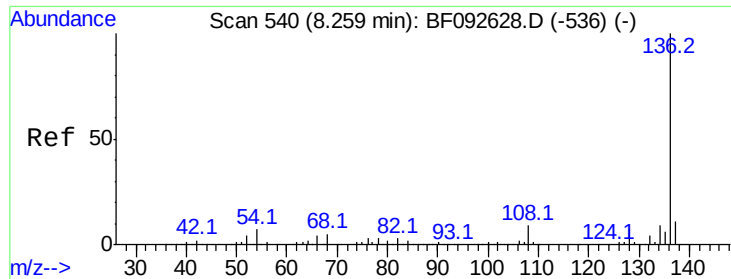
Lab File: BF092682.D

Acq: 31 Jan 2017 15:42

Tgt Ion: 70 Resp: 131049

Ion	Ratio	Lower	Upper
70	100		
42	49.5	49.4	74.0
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

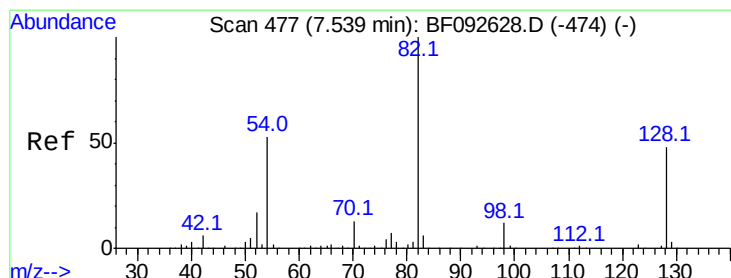
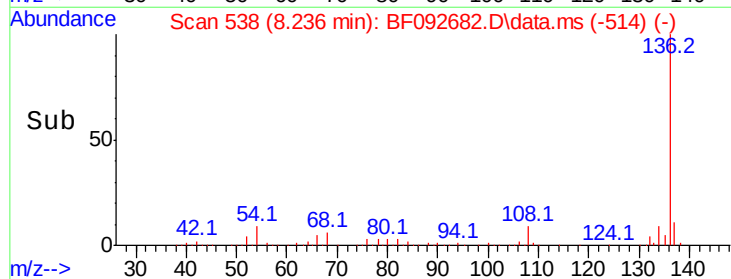
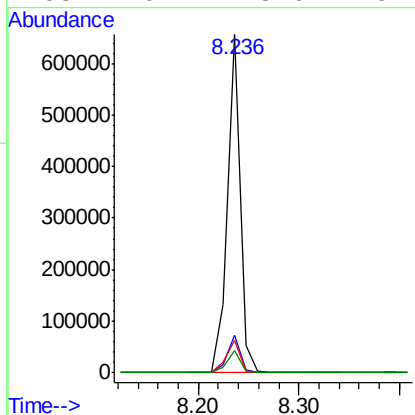
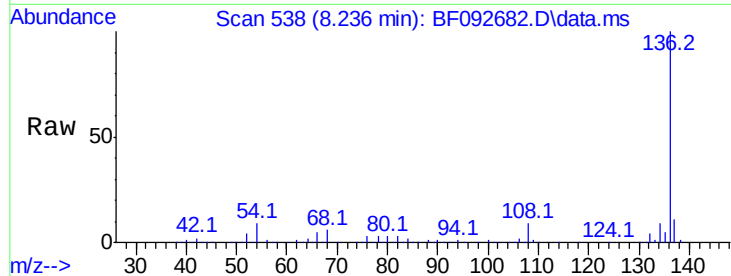




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.236 min Scan# 531
Delta R.T. -0.023 min
Lab File: BF092682.D
Acq: 31 Jan 2017 15:42

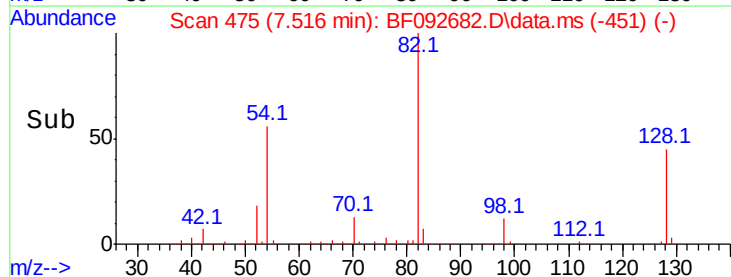
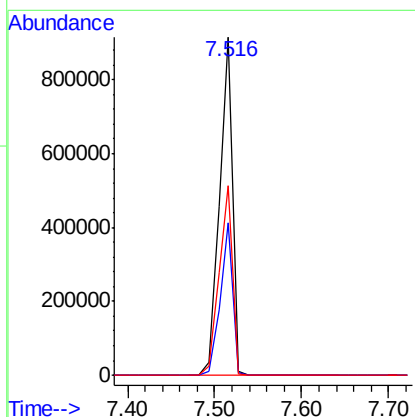
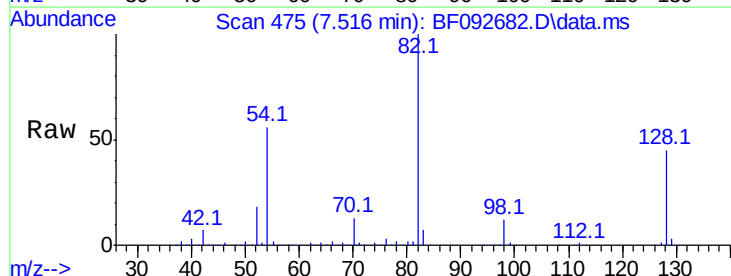
Instrument :
BNA_F
ClientSampleId :
ELT-WCS012617(15-60)

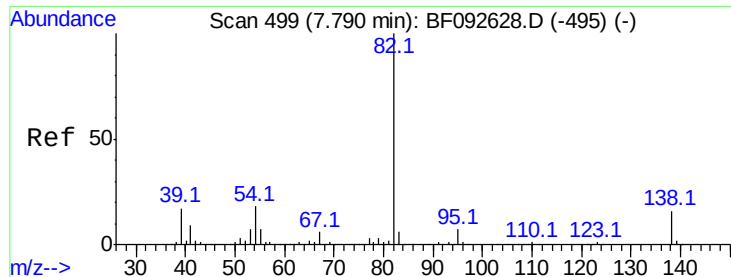
Tgt Ion:	136	Resp:	581347
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.4	12.6
54	9.4	4.5	6.7#
68	6.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 93.46 ng
RT: 7.516 min Scan# 475
Delta R.T. -0.023 min
Lab File: BF092682.D
Acq: 31 Jan 2017 15:42

Tgt Ion:	82	Resp:	975715
Ion Ratio	Lower	Upper	
82	100		
128	45.2	34.6	52.0
54	56.2	39.5	59.3





#25

Isophorone

Concen: 48.92 ng

RT: 7.516 min Scan# 47

Delta R.T. -0.274 min

Lab File: BF092682.D

Acq: 31 Jan 2017 15:42

Instrument :

BNA_F

ClientSampleId :

ELT-WCS012617(15-60)

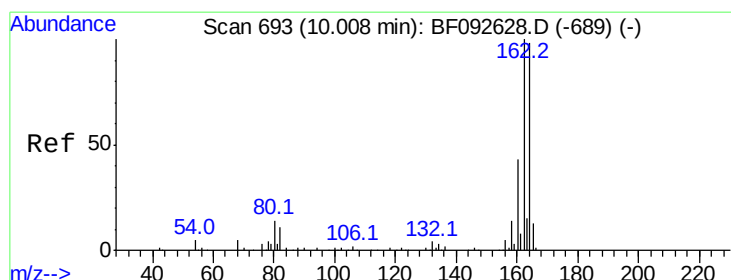
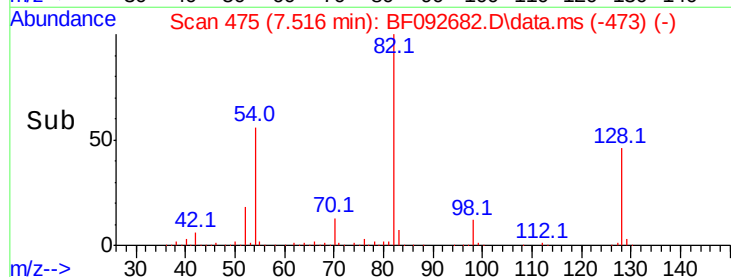
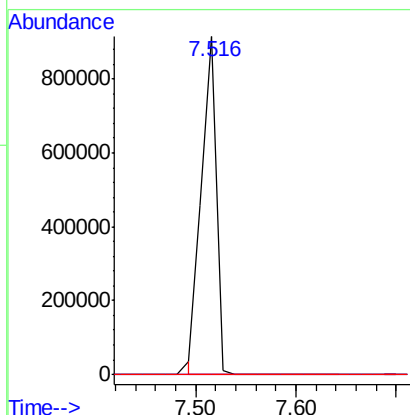
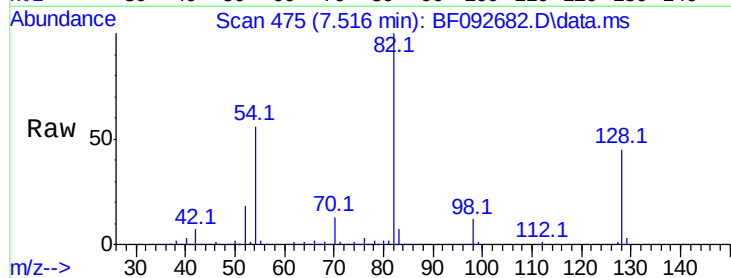
Tgt Ion: 82 Resp: 951713

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.996 min Scan# 692

Delta R.T. -0.011 min

Lab File: BF092682.D

Acq: 31 Jan 2017 15:42

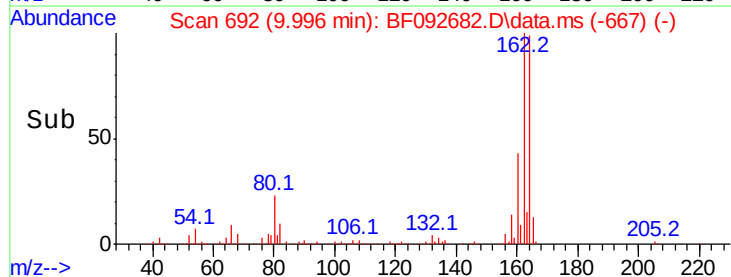
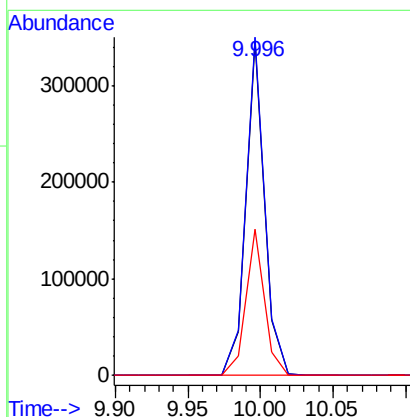
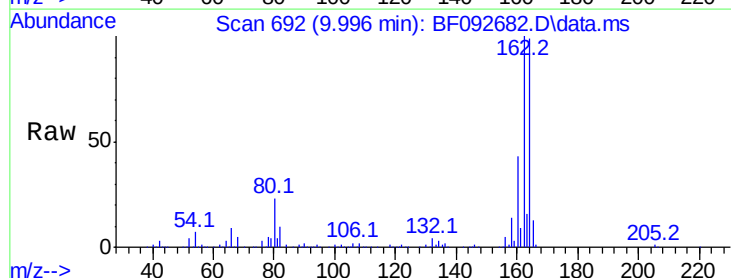
Tgt Ion:164 Resp: 309894

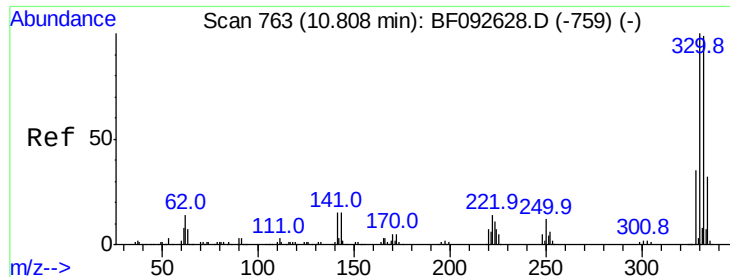
Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

160 43.7 36.9 55.3

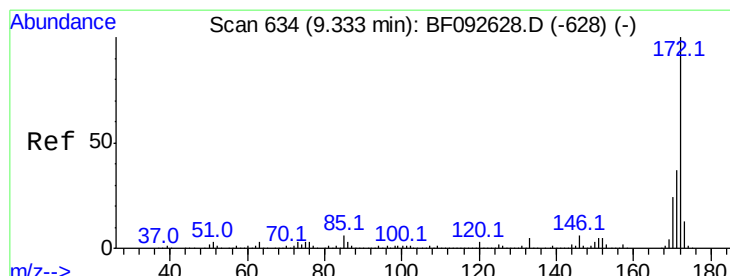
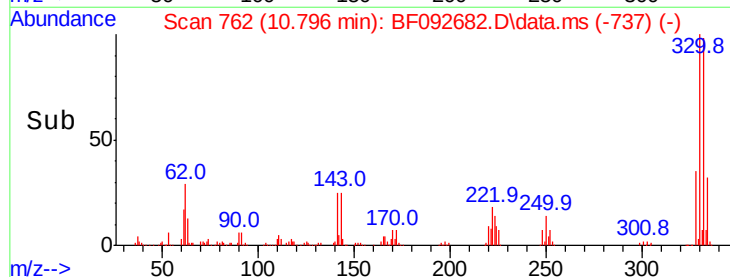
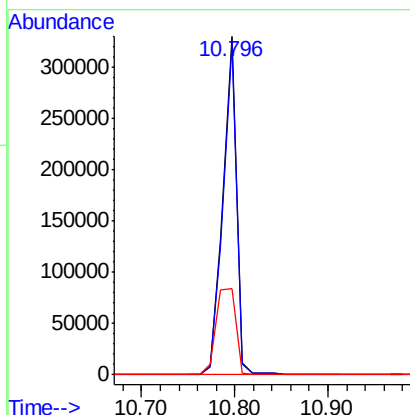
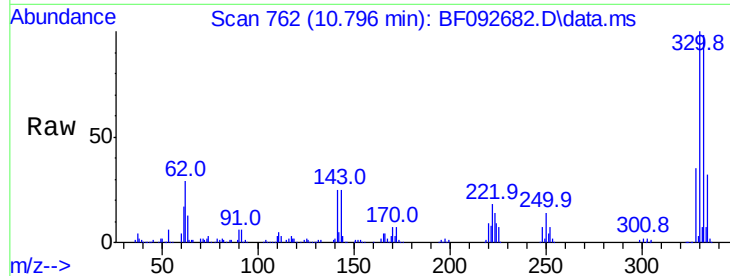




#41
 2,4,6-Tribromophenol
 Concen: 148.80 ng
 RT: 10.796 min Scan# 761
 Delta R.T. -0.011 min
 Lab File: BF092682.D
 Acq: 31 Jan 2017 15:42

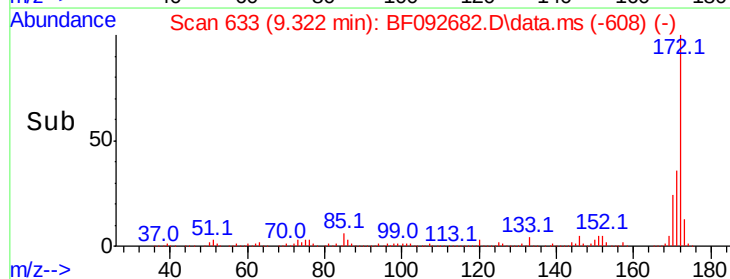
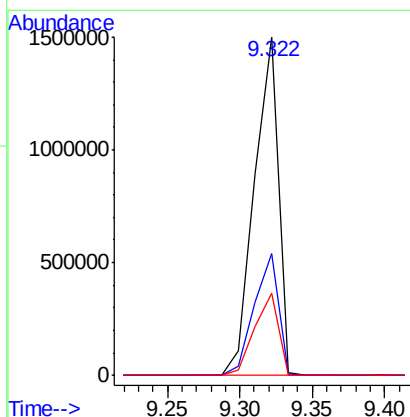
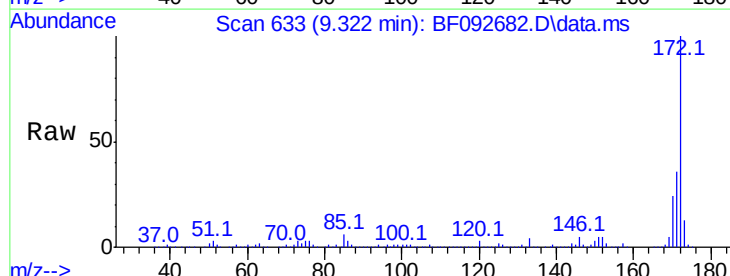
Instrument :
 BNA_F
 ClientSampleId :
 ELT-WCS012617(15-60)

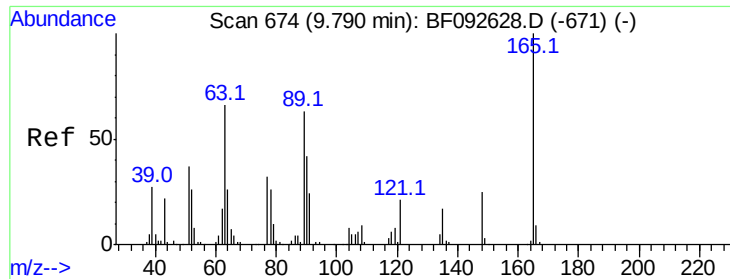
Tgt Ion:330 Resp: 333507
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 36.9 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 101.05 ng
 RT: 9.322 min Scan# 633
 Delta R.T. -0.011 min
 Lab File: BF092682.D
 Acq: 31 Jan 2017 15:42

Tgt Ion:172 Resp: 1728432
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.4 20.2 30.4

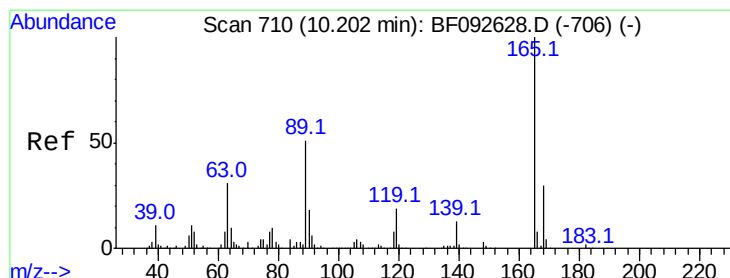
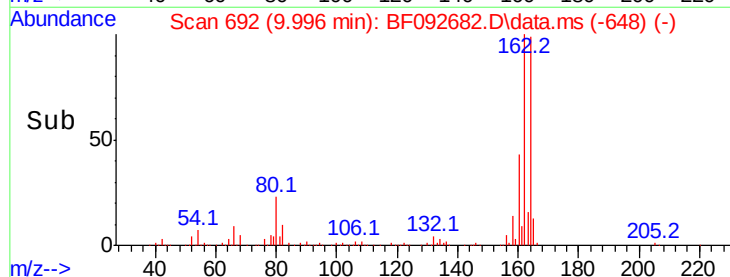
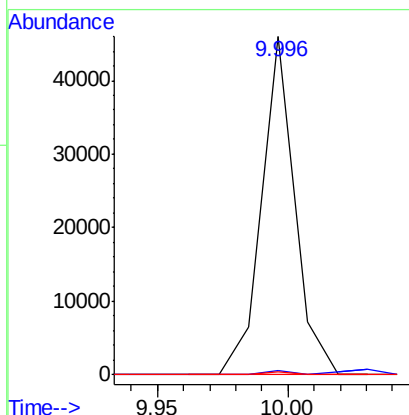
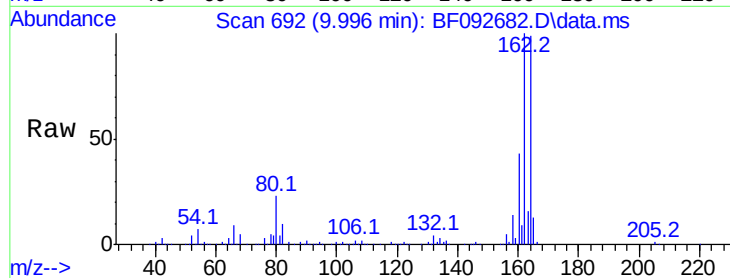




#50
2,6-Dinitrotoluene
Concen: 9.09 ng
RT: 9.996 min Scan# 691
Delta R.T. 0.206 min
Lab File: BF092682.D
Acq: 31 Jan 2017 15:42

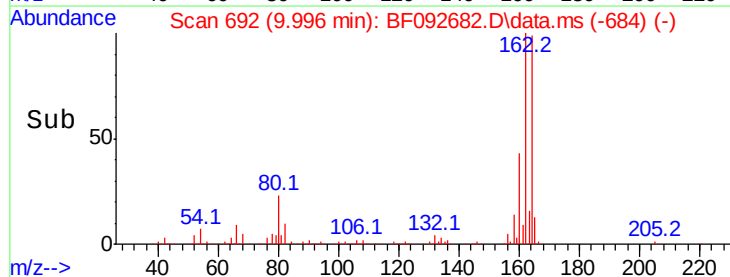
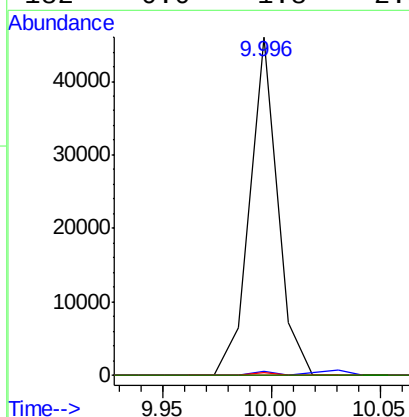
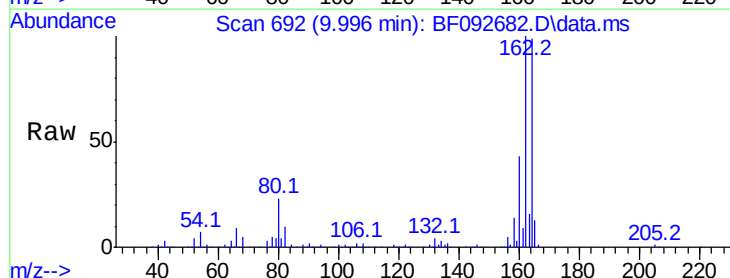
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BNA_F
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ELT-WCS012617(15-60)

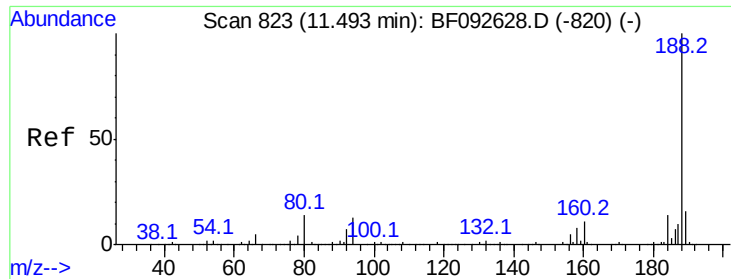
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	0.8	40.2	60.4#



#56
2,4-Dinitrotoluene
Concen: 6.83 ng
RT: 9.996 min Scan# 692
Delta R.T. -0.206 min
Lab File: BF092682.D
Acq: 31 Jan 2017 15:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	0.8	62.5	93.7#
182	0.0	1.8	2.8#

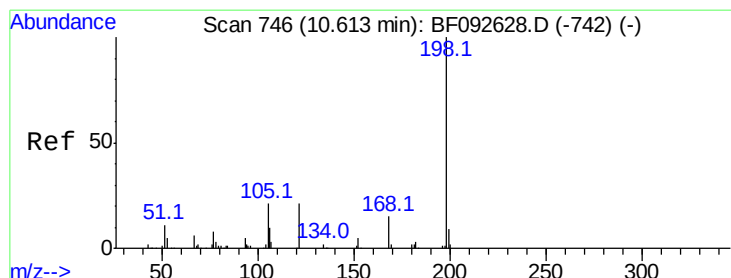
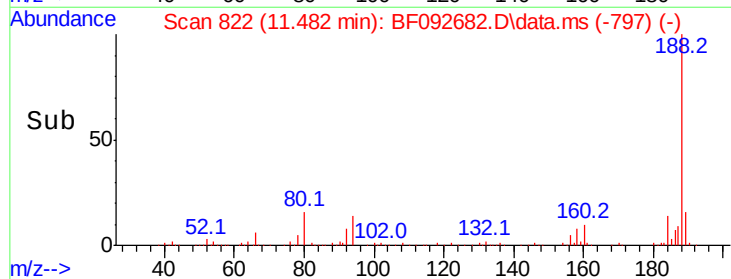
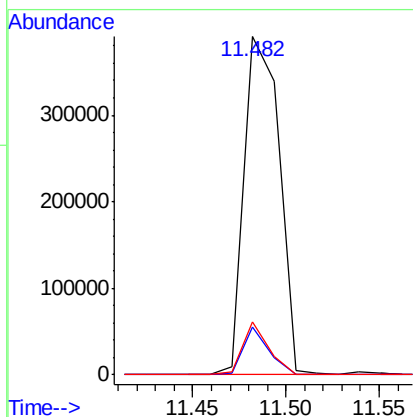
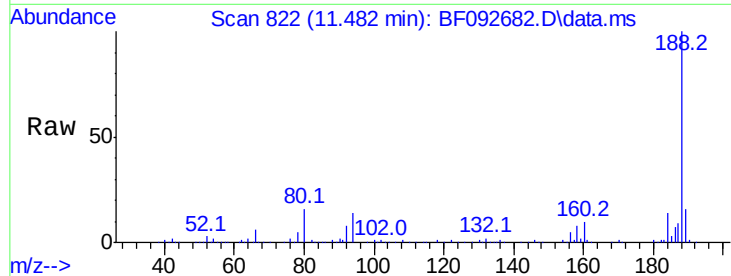




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.482 min Scan# 82
Delta R.T. -0.011 min
Lab File: BF092682.D
Acq: 31 Jan 2017 15:42

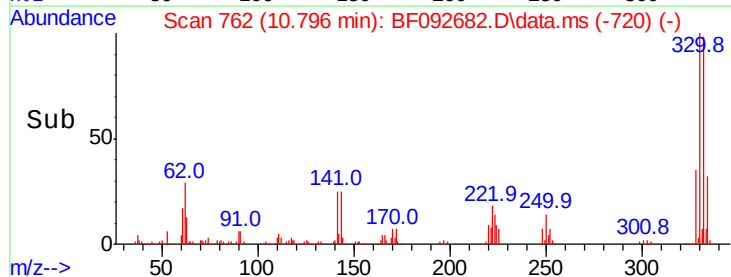
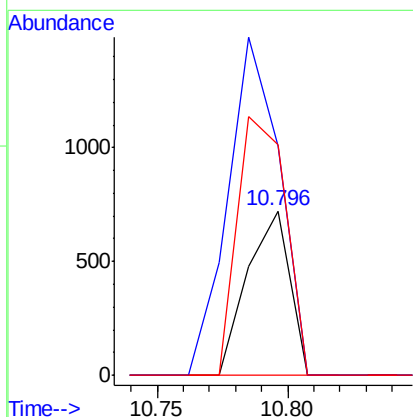
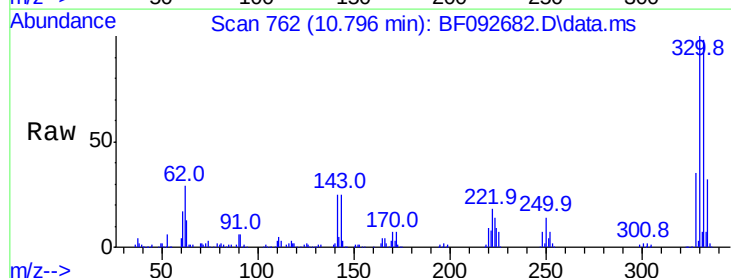
Instrument :
BNA_F
ClientSampleId :
ELT-WCS012617(15-60)

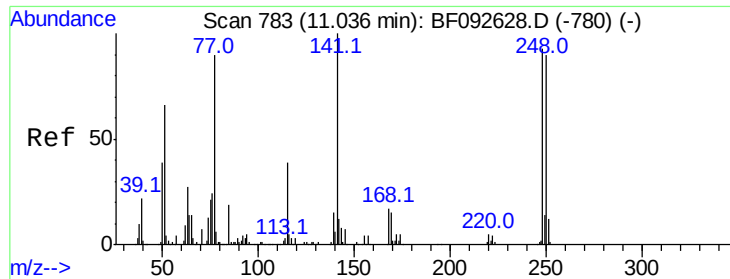
Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.0	10.0	15.0
80	15.6	11.2	16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 2.92 ng
RT: 10.796 min Scan# 762
Delta R.T. 0.183 min
Lab File: BF092682.D
Acq: 31 Jan 2017 15:42

Tgt Ion	Ratio	Lower	Upper
198	100		
51	139.7	6.7	46.7#
105	140.4	16.6	56.6#

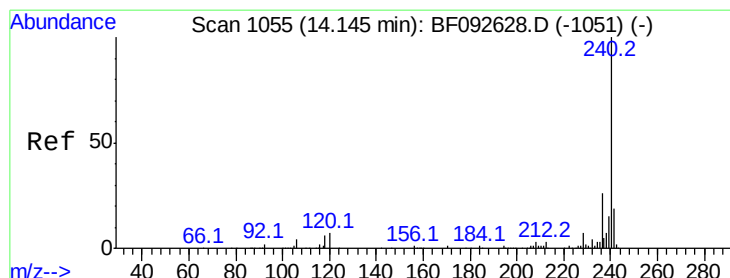
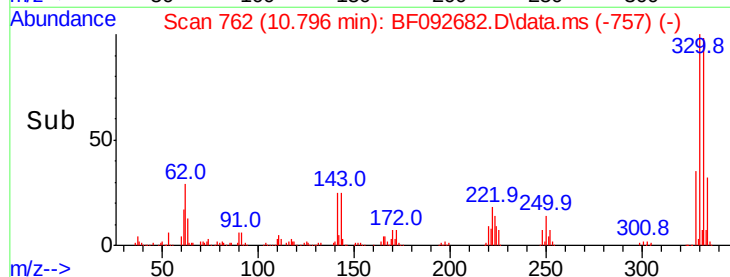
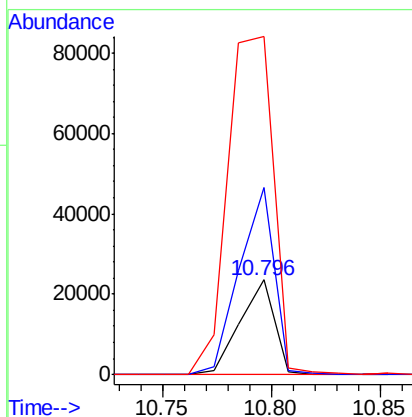
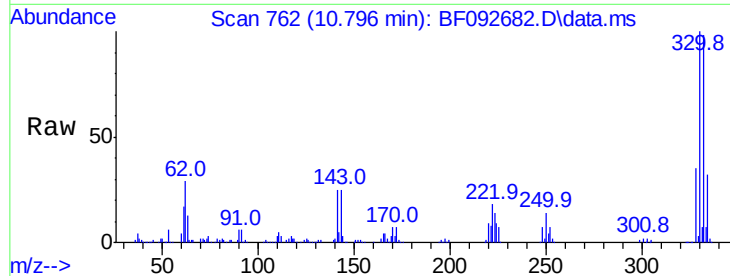




#66
4-Bromophenyl-phenylether
Concen: 4.84 ng
RT: 10.796 min Scan# 76
Delta R.T. -0.240 min
Lab File: BF092682.D
Acq: 31 Jan 2017 15:42

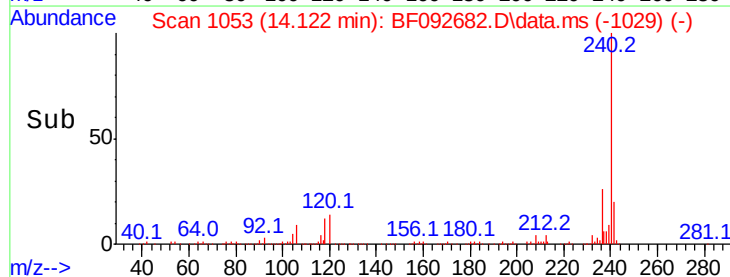
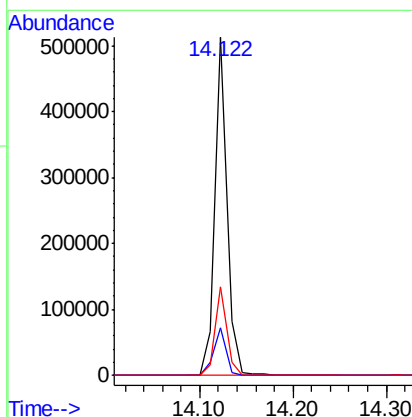
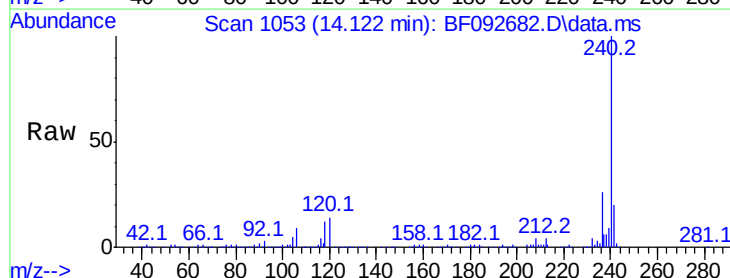
Instrument :
BNA_F
ClientSampleId :
ELT-WCS012617(15-60)

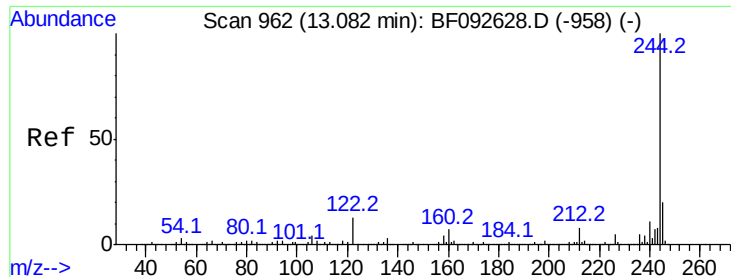
Tgt Ion:248 Resp: 25870
Ion Ratio Lower Upper
248 100
250 198.3 76.9 115.3#
141 357.9 68.2 102.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.122 min Scan# 1053
Delta R.T. -0.023 min
Lab File: BF092682.D
Acq: 31 Jan 2017 15:42

Tgt Ion:240 Resp: 460153
Ion Ratio Lower Upper
240 100
120 14.1 12.9 19.3
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 86.20 ng

RT: 13.082 min Scan# 96

Delta R.T. 0.000 min

Lab File: BF092682.D

Acq: 31 Jan 2017 15:42

Instrument :

BNA_F

ClientSampleId :

ELT-WCS012617(15-60)

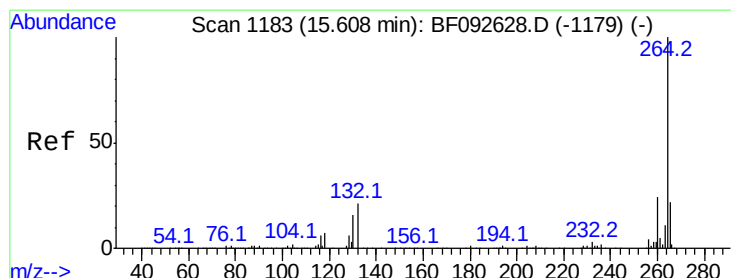
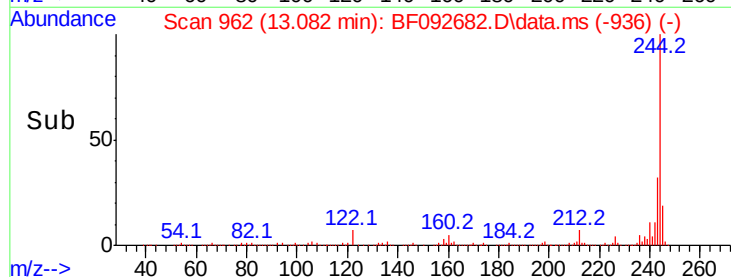
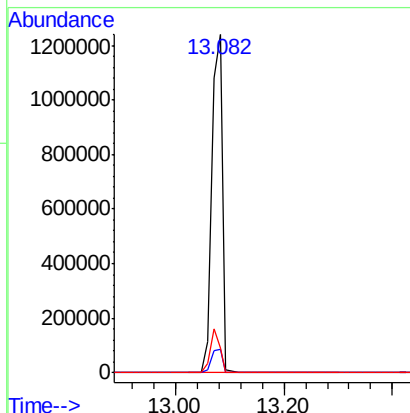
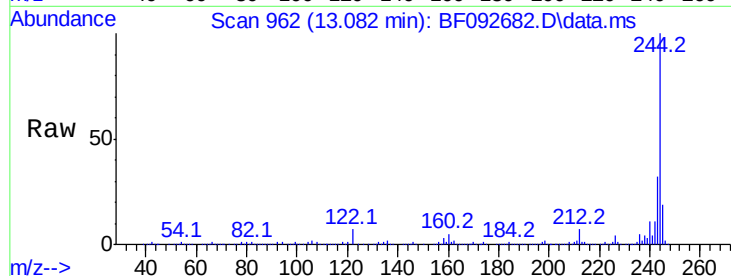
Tgt Ion:244 Resp: 1688099

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

122 7.1 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.597 min Scan# 1182

Delta R.T. -0.011 min

Lab File: BF092682.D

Acq: 31 Jan 2017 15:42

Tgt Ion:264 Resp: 389309

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.7 17.4 26.0

