

Data Path : Z:\HPCHEM1\BNA_F\Data\BF013117\
 Data File : BF092681.D
 Acq On : 31 Jan 2017 15:15
 Operator : SJ/MA
 Sample : I1529-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELT-WCS012617(0-15)

Quant Time: Jan 31 16:38:46 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)

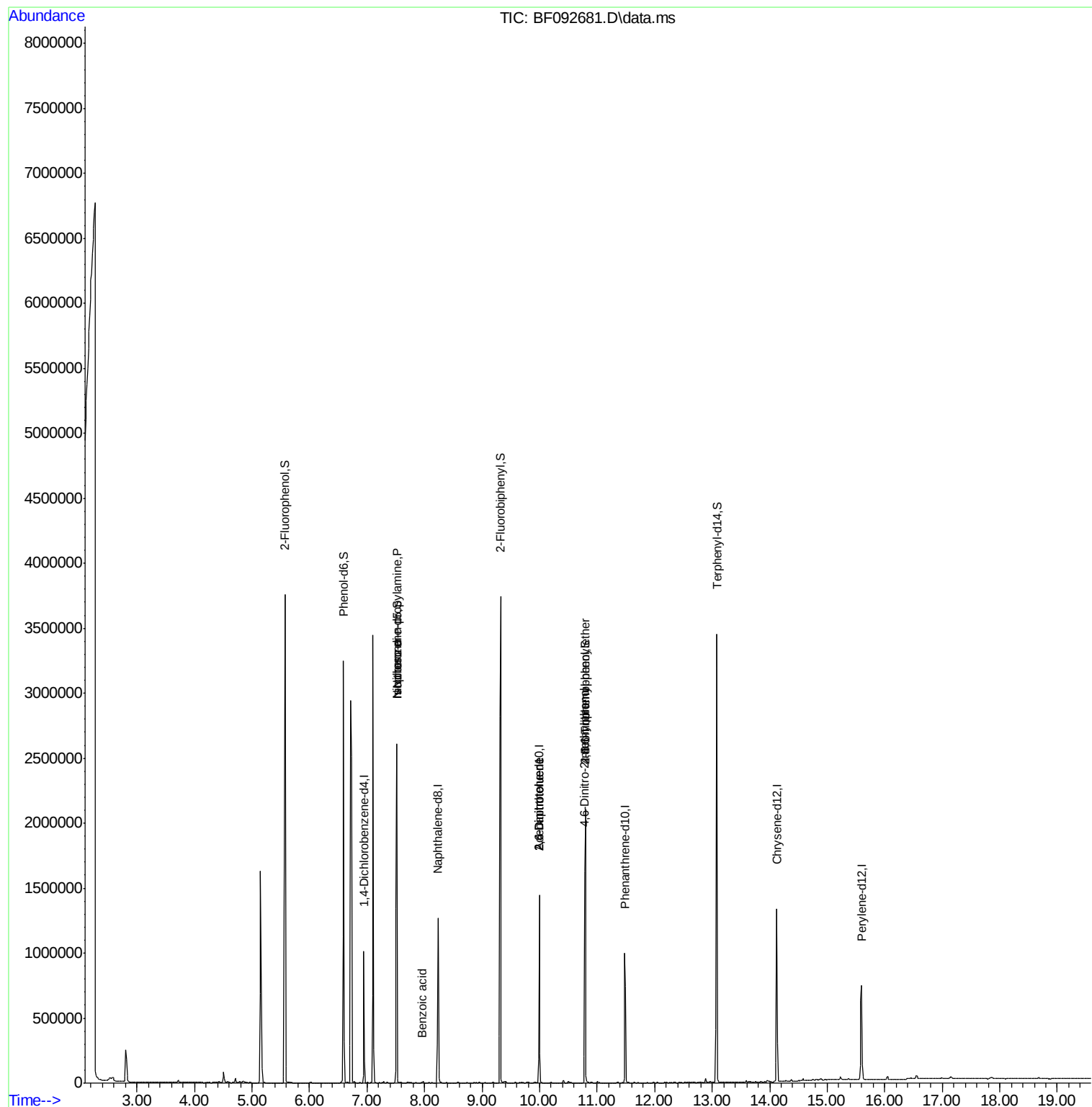
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.944	152	139263	20.00	ng	-0.02
21) Naphthalene-d8	8.236	136	566008	20.00	ng	-0.02
38) Acenaphthene-d10	9.996	164	304492	20.00	ng	-0.01
63) Phenanthrene-d10	11.482	188	493150	20.00	ng	-0.01
75) Chrysene-d12	14.122	240	444431	20.00	ng	-0.02
86) Perylene-d12	15.597	264	381400	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	1052043	129.60	ng	0.00
7) Phenol-d6	6.590	99	1132461	108.43	ng	-0.01
23) Nitrobenzene-d5	7.516	82	945393	93.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.796	330	335804	152.48	ng	-0.01
44) 2-Fluorobiphenyl	9.322	172	1665301	99.08	ng	-0.01
78) Terphenyl-d14	13.082	244	1632008	86.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.516	70	126461	19.02	ng	Qvalue # 78
25) Isophorone	7.516	82	924864	48.83	ng	# 65
32) Benzoic acid	7.950	122	473	7.25	ng	# 73
50) 2,6-Dinitrotoluene	9.996	165	38544	8.70	ng	# 30
56) 2,4-Dinitrotoluene	9.996	165	38546	6.54	ng	# 19
64) 4,6-Dinitro-2-methylph...	10.785	198	988	2.98	ng	# 1
66) 4-Bromophenyl-phenylether	10.796	248	24758	4.81	ng	# 1

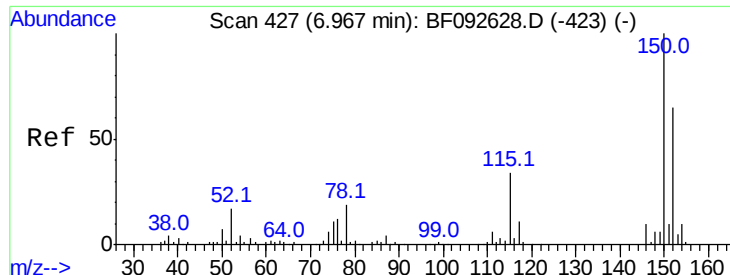
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF013117\
Data File : BF092681.D
Acq On : 31 Jan 2017 15:15
Operator : SJ/MA
Sample : I1529-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELT-WCS012617(0-15)

Quant Time: Jan 31 16:38:46 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

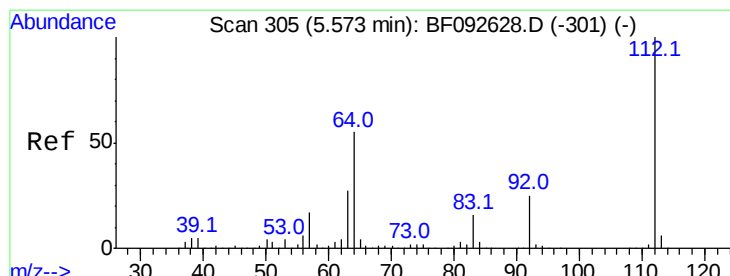
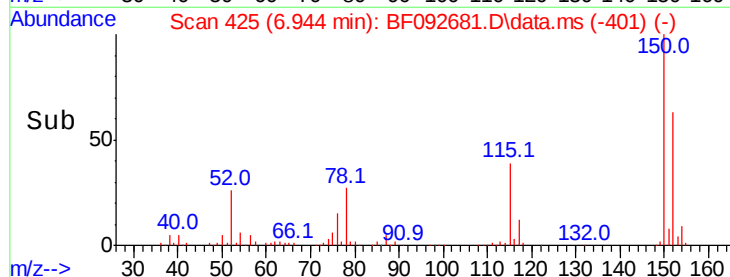
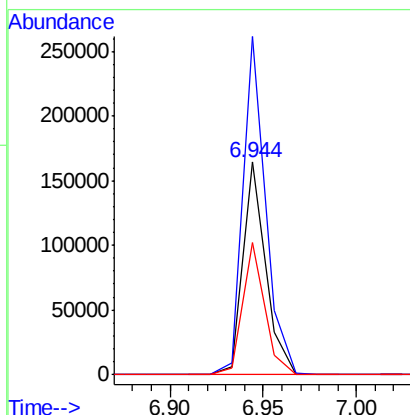
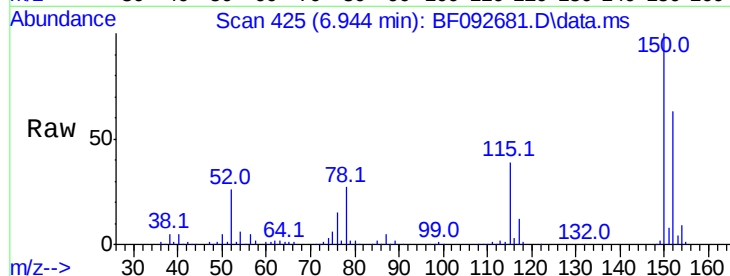




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.944 min Scan# 42
 Delta R.T. -0.023 min
 Lab File: BF092681.D
 Acq: 31 Jan 2017 15:15

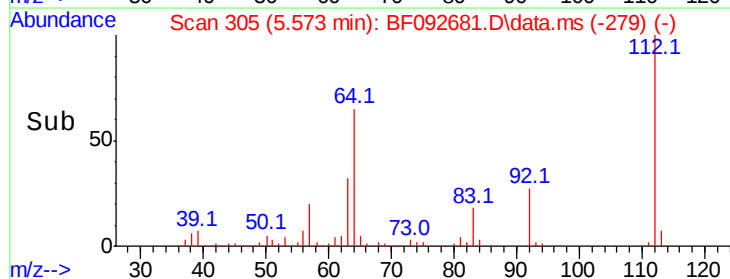
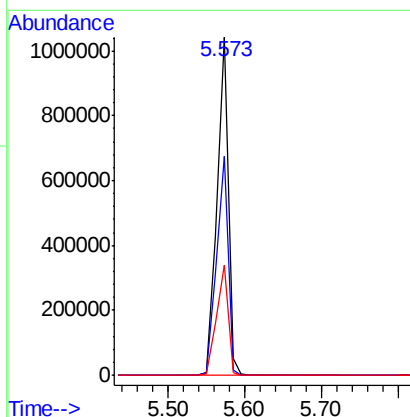
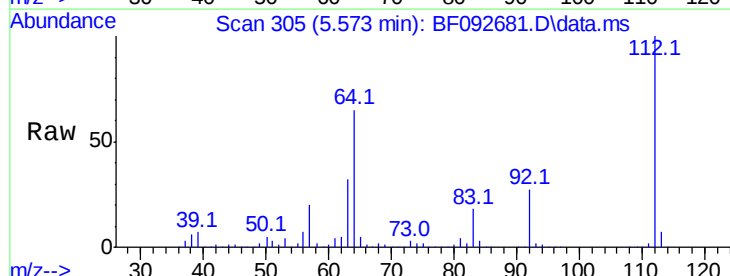
Instrument :
 BNA_F
 ClientSampleId :
 ELT-WCS012617(0-15)

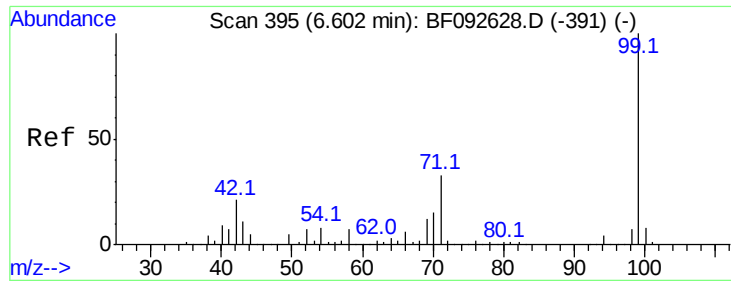
Tgt Ion:152 Resp: 139263
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.9 187.3
 115 62.3 46.0 69.0



#5
 2-Fluorophenol
 Concen: 129.60 ng
 RT: 5.573 min Scan# 305
 Delta R.T. 0.001 min
 Lab File: BF092681.D
 Acq: 31 Jan 2017 15:15

Tgt Ion:112 Resp: 1052043
 Ion Ratio Lower Upper
 112 100
 64 65.0 46.1 69.1
 63 32.5 23.8 35.6





#7

Phenol-d6

Concen: 108.43 ng

RT: 6.590 min Scan# 39

Delta R.T. -0.012 min

Lab File: BF092681.D

Acq: 31 Jan 2017 15:15

Instrument :

BNA_F

ClientSampleId :

ELT-WCS012617(0-15)

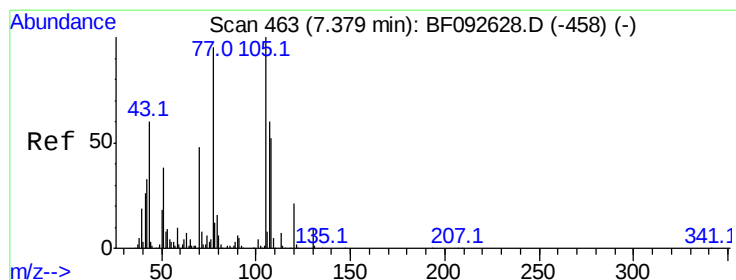
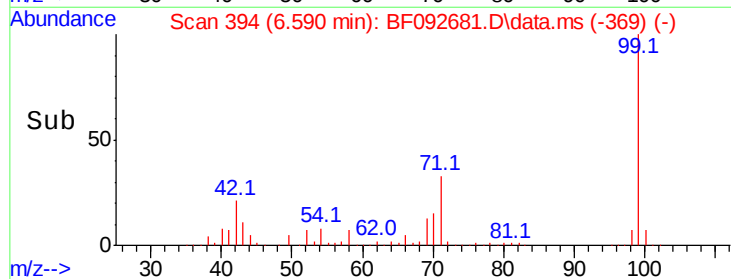
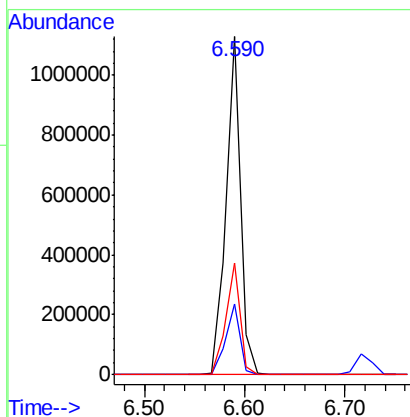
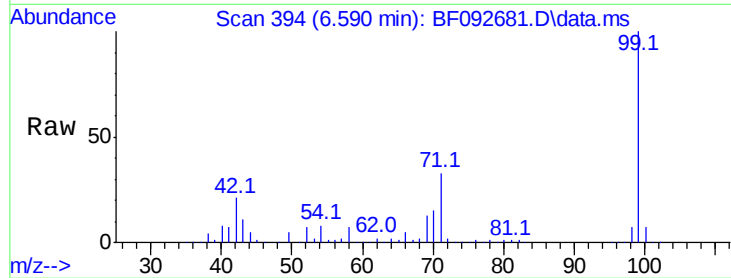
Tgt Ion: 99 Resp: 1132461

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

71 33.2 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 19.02 ng

RT: 7.516 min Scan# 475

Delta R.T. 0.137 min

Lab File: BF092681.D

Acq: 31 Jan 2017 15:15

Tgt Ion: 70 Resp: 126461

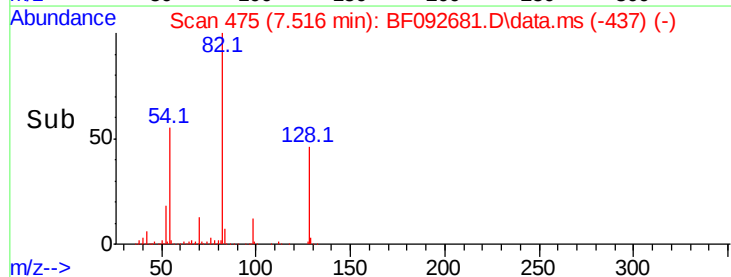
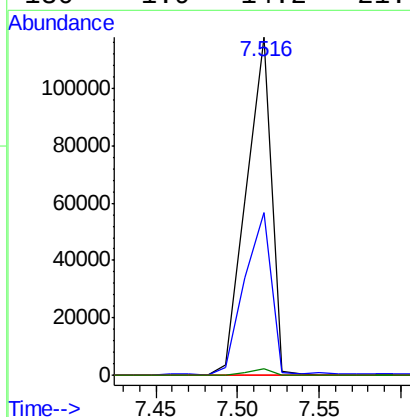
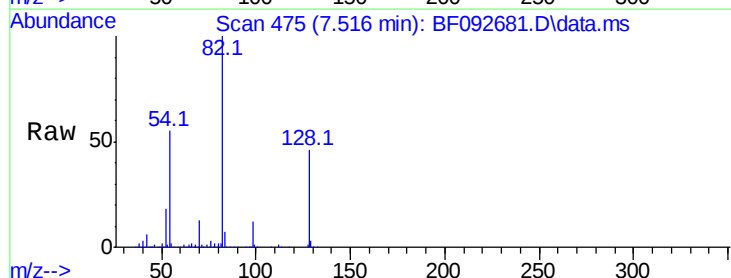
Ion Ratio Lower Upper

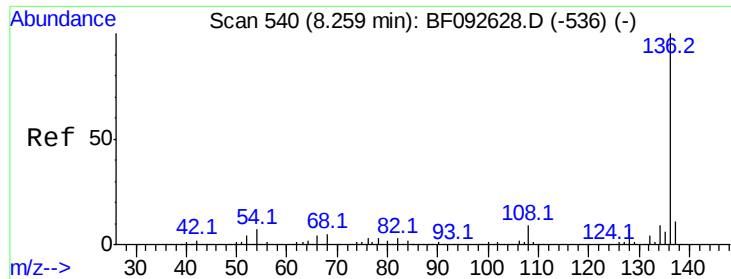
70 100

42 48.2 49.4 74.0#

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

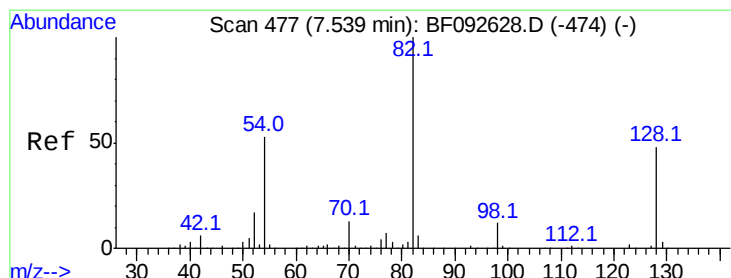
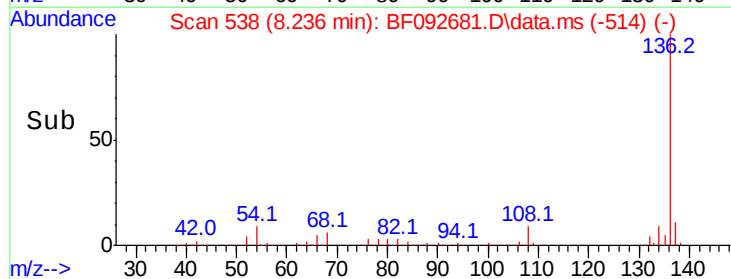
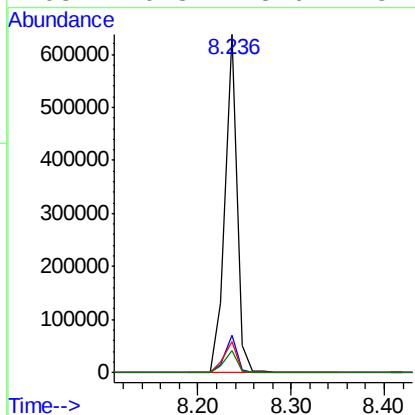
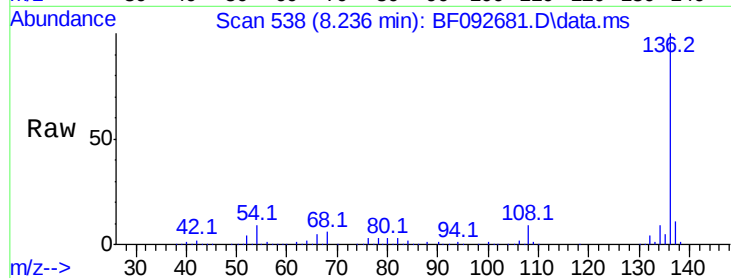




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.236 min Scan# 53
Delta R.T. -0.023 min
Lab File: BF092681.D
Acq: 31 Jan 2017 15:15

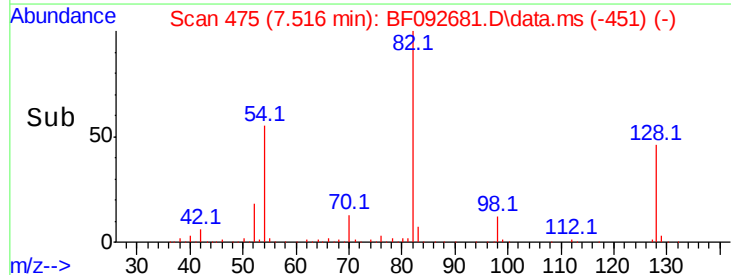
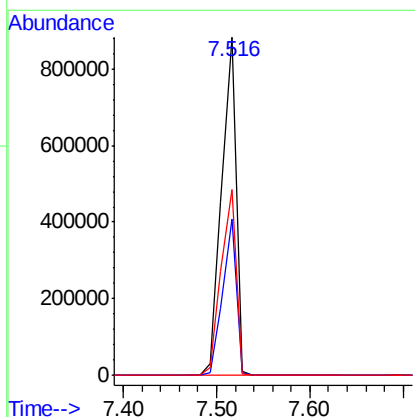
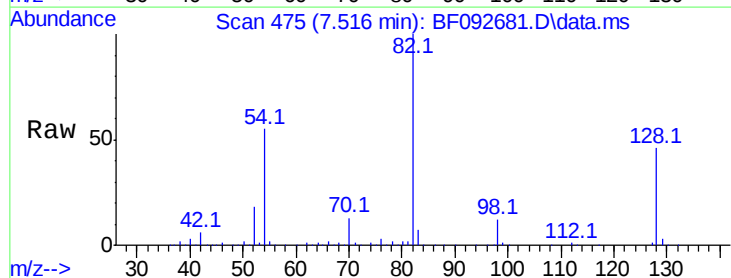
Instrument :
BNA_F
ClientSampleId :
ELT-WCS012617(0-15)

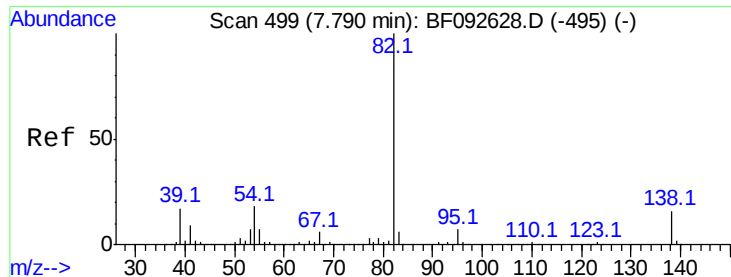
Tgt Ion:	136	Resp:	566008
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.4	12.6
54	9.3	4.5	6.7#
68	6.3	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 93.01 ng
RT: 7.516 min Scan# 475
Delta R.T. -0.023 min
Lab File: BF092681.D
Acq: 31 Jan 2017 15:15

Tgt Ion:	82	Resp:	945393
Ion Ratio	Lower	Upper	
82	100		
128	46.4	34.6	52.0
54	55.0	39.5	59.3





#25

Isophorone

Concen: 48.83 ng

RT: 7.516 min Scan# 47

Delta R.T. -0.274 min

Lab File: BF092681.D

Acq: 31 Jan 2017 15:15

Instrument :

BNA_F

ClientSampleId :

ELT-WCS012617(0-15)

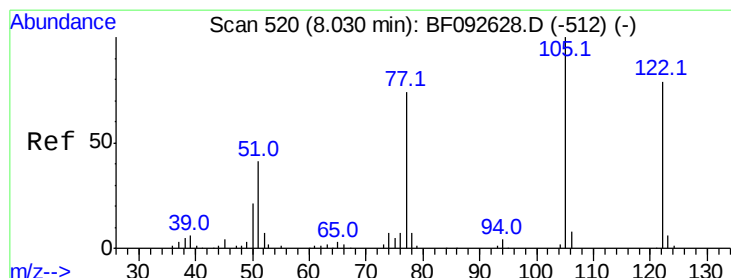
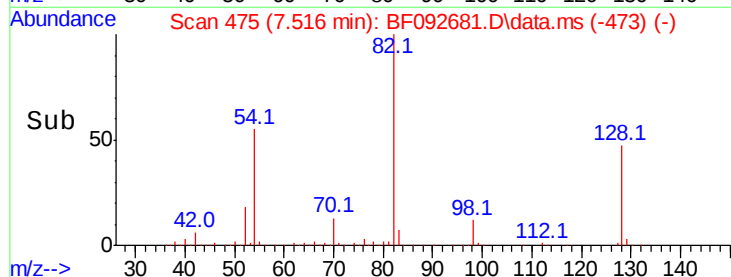
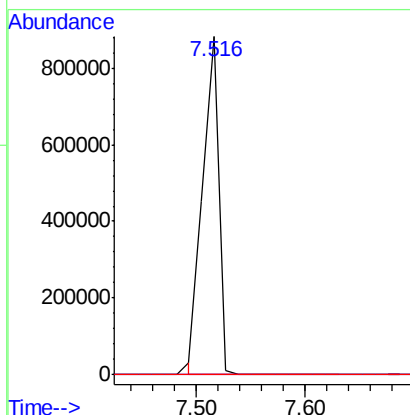
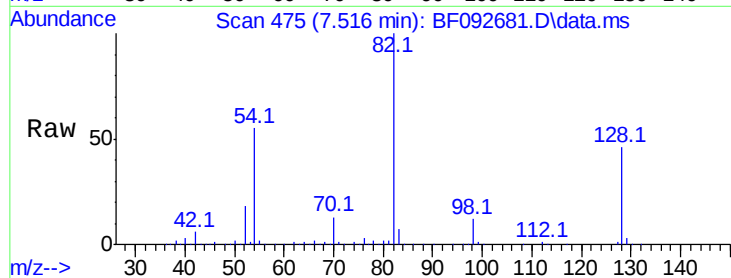
Tgt Ion: 82 Resp: 924864

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#32

Benzoic acid

Concen: 7.25 ng

RT: 7.950 min Scan# 513

Delta R.T. -0.080 min

Lab File: BF092681.D

Acq: 31 Jan 2017 15:15

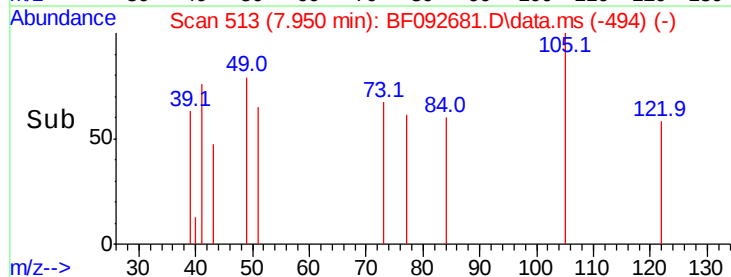
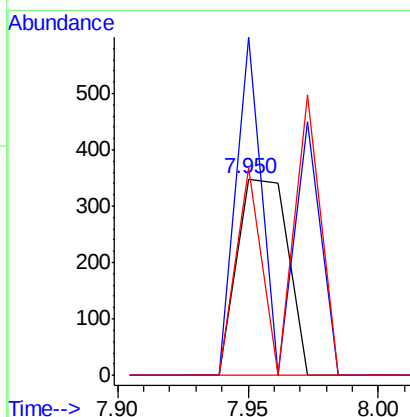
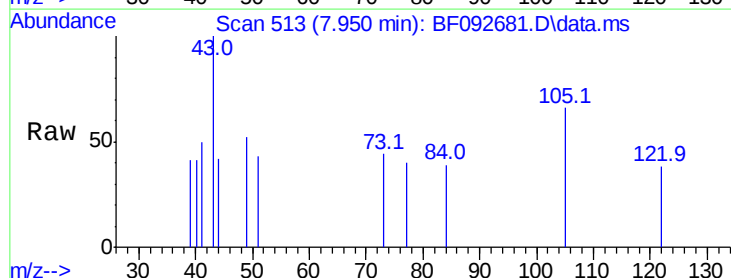
Tgt Ion: 122 Resp: 473

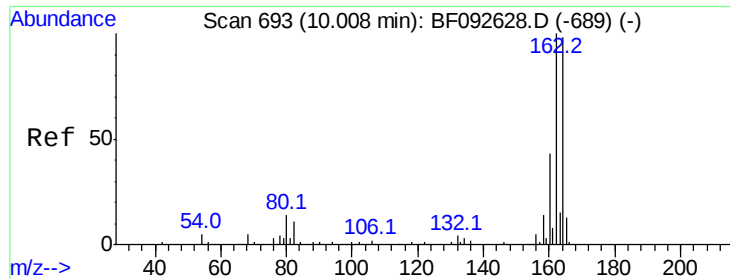
Ion Ratio Lower Upper

122 100

105 171.9 107.2 147.2#

77 105.4 74.5 114.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.996 min Scan# 69

Delta R.T. -0.012 min

Lab File: BF092681.D

Acq: 31 Jan 2017 15:15

Instrument :

BNA_F

ClientSampleId :

ELT-WCS012617(0-15)

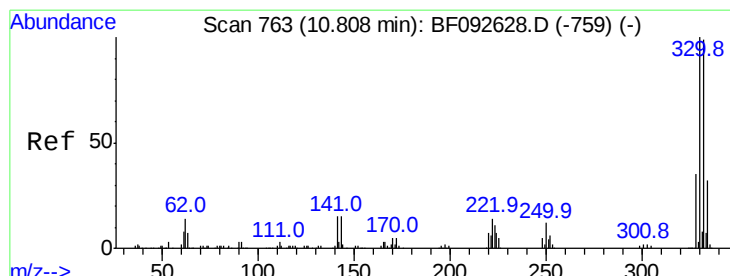
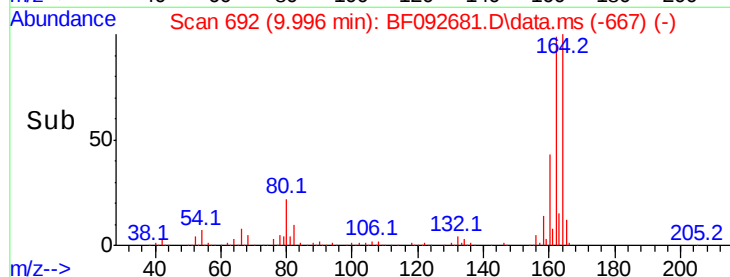
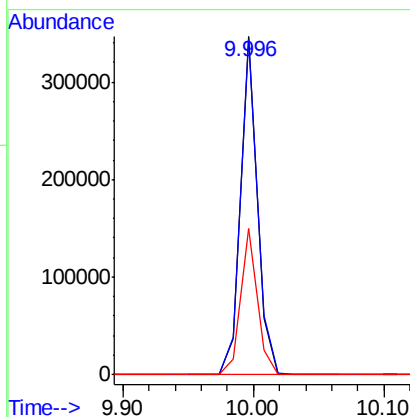
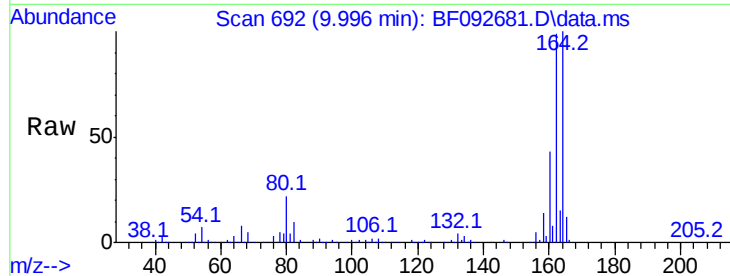
Tgt Ion:164 Resp: 304492

Ion Ratio Lower Upper

164 100

162 99.3 80.2 120.2

160 43.0 36.9 55.3



#41

2,4,6-Tribromophenol

Concen: 152.48 ng

RT: 10.796 min Scan# 762

Delta R.T. -0.012 min

Lab File: BF092681.D

Acq: 31 Jan 2017 15:15

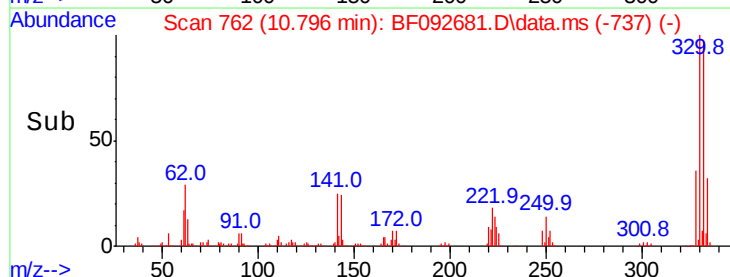
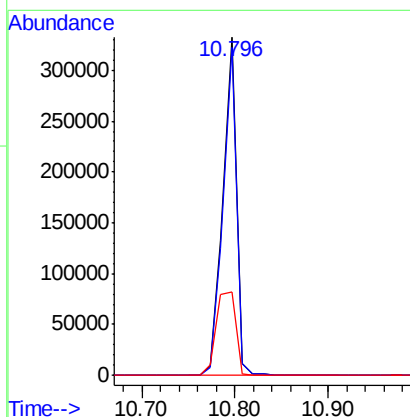
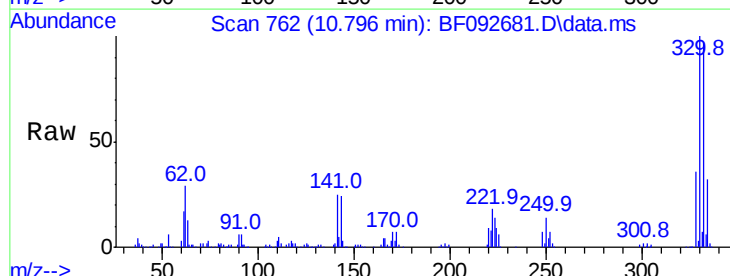
Tgt Ion:330 Resp: 335804

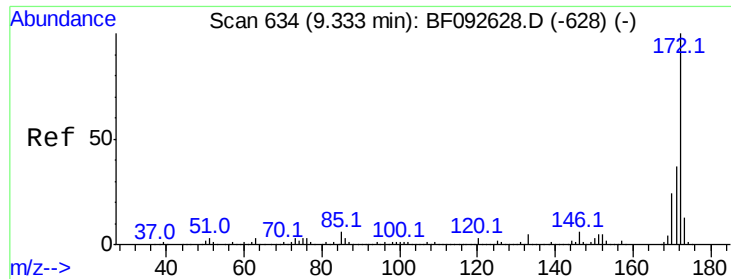
Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

141 35.1 34.1 51.1

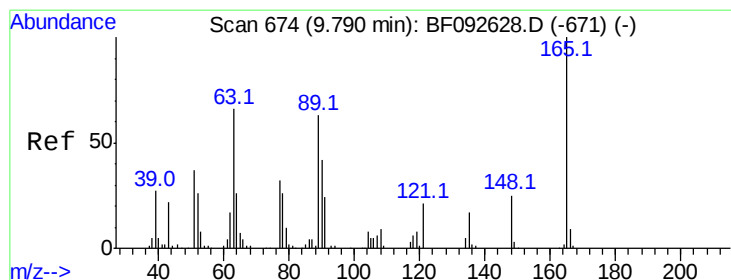
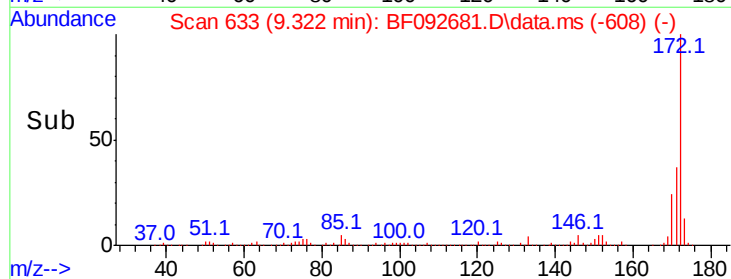
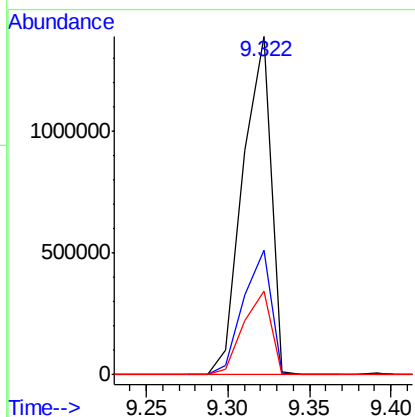
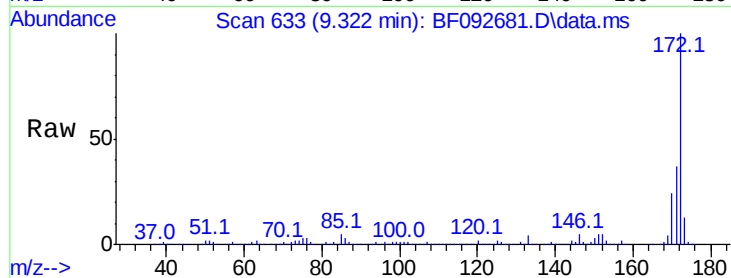




#44
2-Fluorobiphenyl
Concen: 99.08 ng
RT: 9.322 min Scan# 631
Delta R.T. -0.012 min
Lab File: BF092681.D
Acq: 31 Jan 2017 15:15

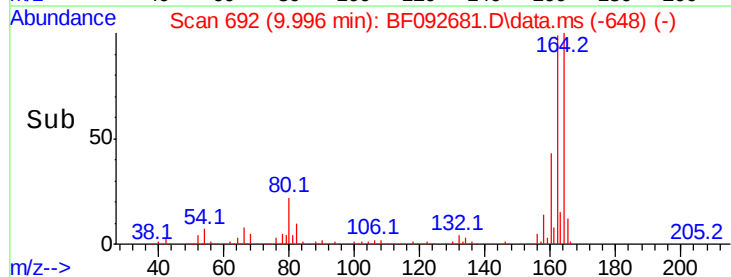
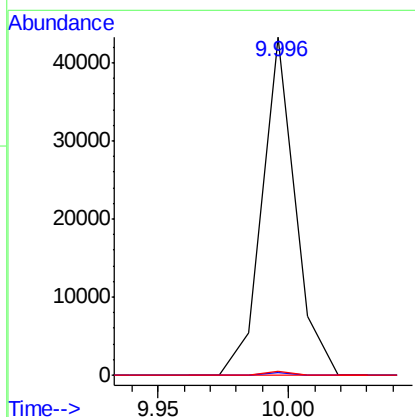
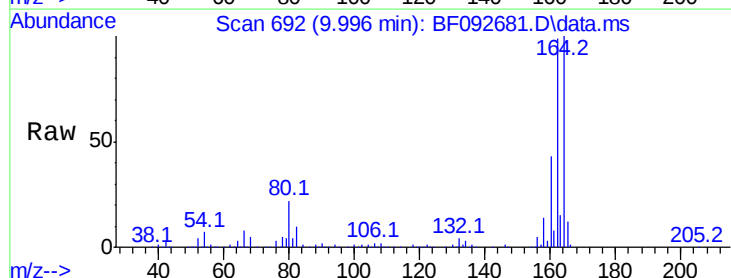
Instrument :
BNA_F
ClientSampleId :
ELT-WCS012617(0-15)

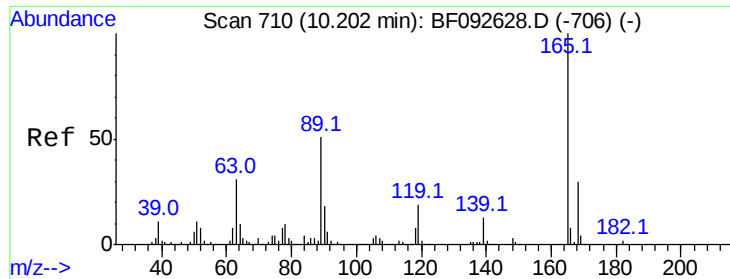
Tgt Ion:172 Resp: 1665301
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.5 20.2 30.4



#50
2,6-Dinitrotoluene
Concen: 8.70 ng
RT: 9.996 min Scan# 692
Delta R.T. 0.206 min
Lab File: BF092681.D
Acq: 31 Jan 2017 15:15

Tgt Ion:165 Resp: 38544
Ion Ratio Lower Upper
165 100
63 0.9 36.2 54.4#
89 1.0 40.2 60.4#

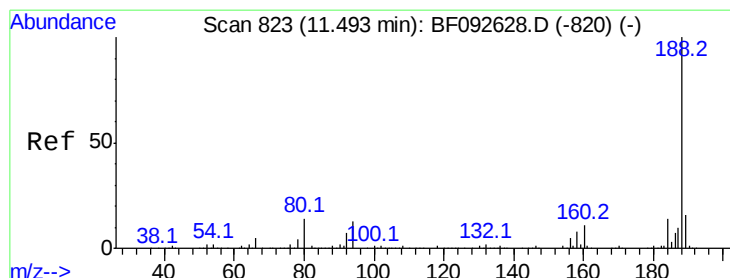
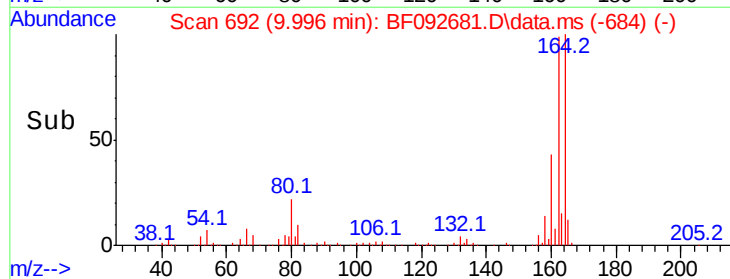
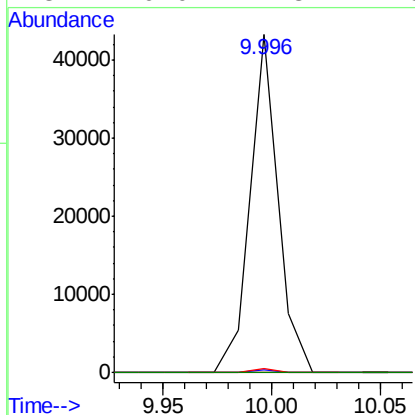
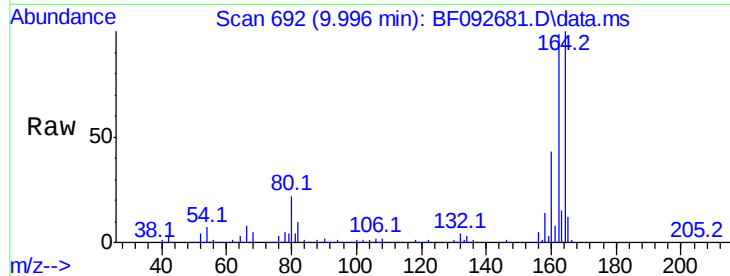




#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.996 min Scan# 69
Delta R.T. -0.206 min
Lab File: BF092681.D
Acq: 31 Jan 2017 15:15

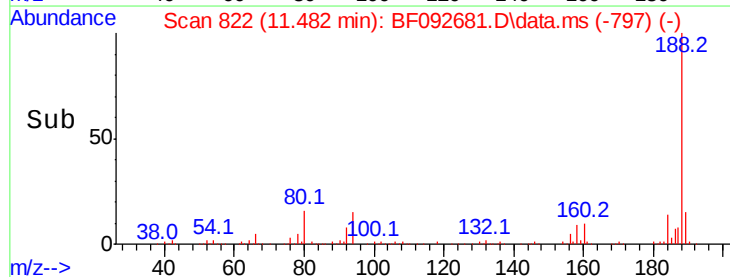
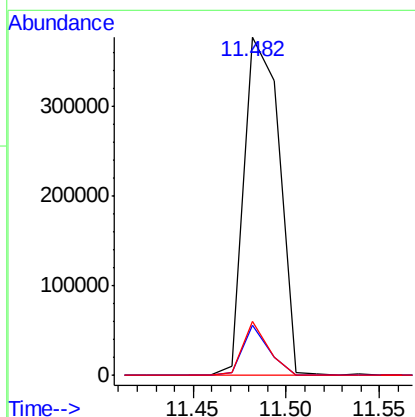
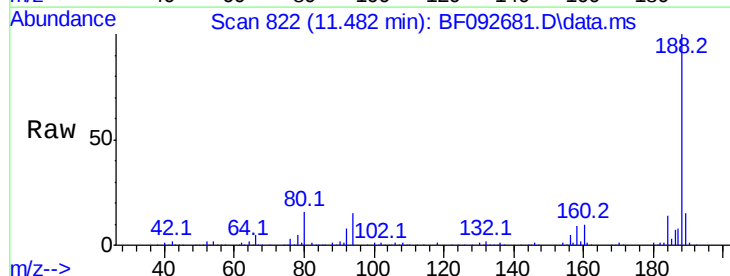
Instrument :
BNA_F
ClientSampleId :
ELT-WCS012617(0-15)

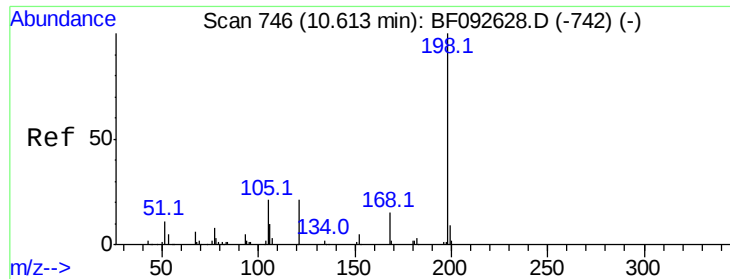
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.482 min Scan# 822
Delta R.T. -0.012 min
Lab File: BF092681.D
Acq: 31 Jan 2017 15:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.6	10.0	15.0
80	16.0	11.2	16.8

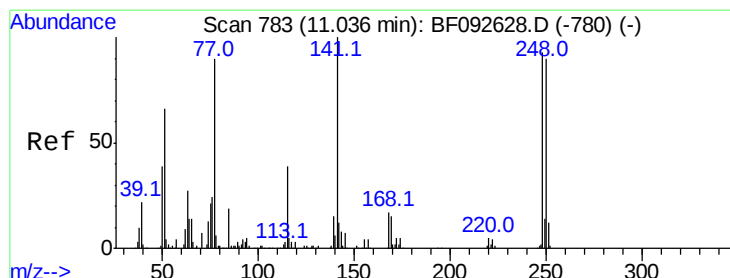
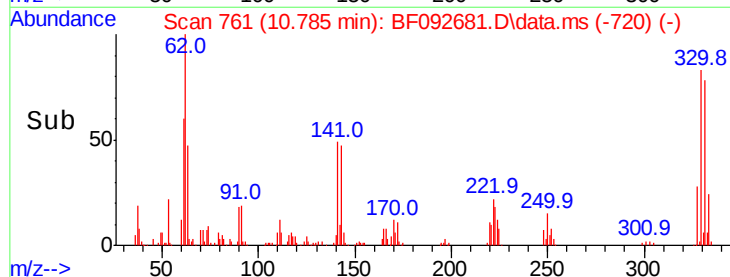
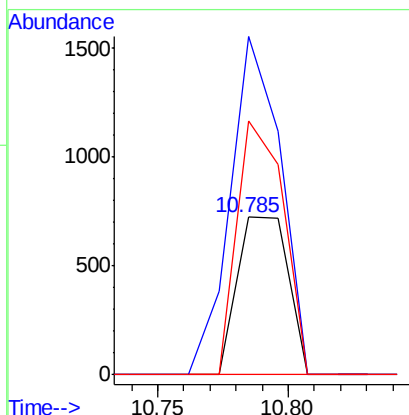
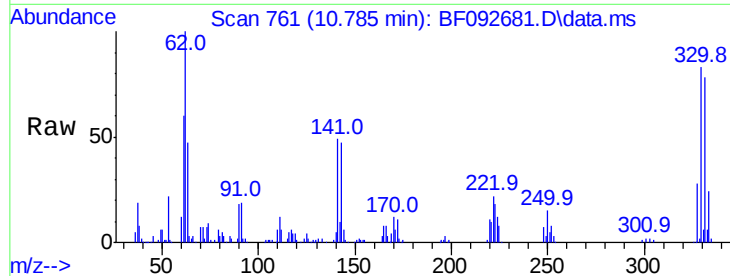




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.98 ng
 RT: 10.785 min Scan# 761
 Delta R.T. 0.172 min
 Lab File: BF092681.D
 Acq: 31 Jan 2017 15:15

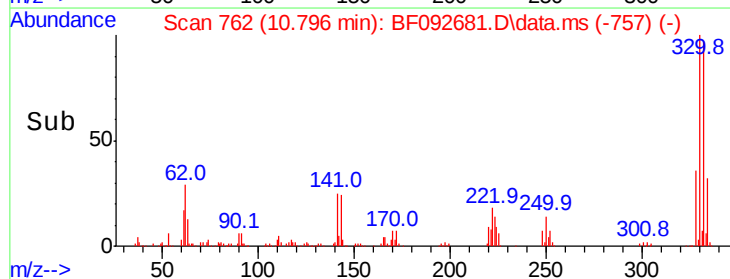
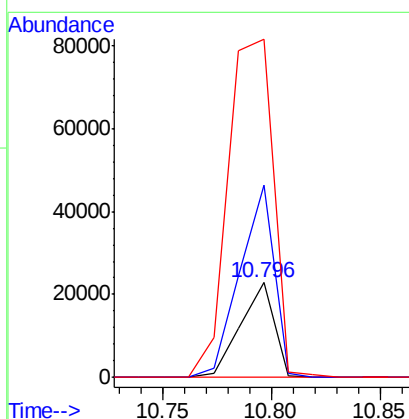
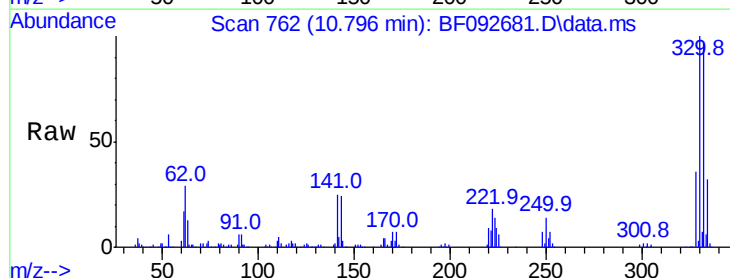
Instrument :
 BNA_F
 ClientSampleId :
 ELT-WCS012617(0-15)

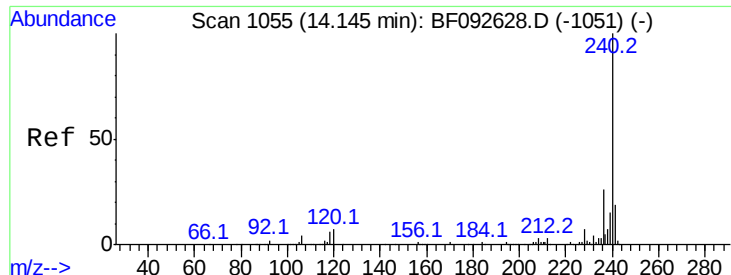
Tgt Ion:198 Resp: 988
 Ion Ratio Lower Upper
 198 100
 51 215.3 6.7 46.7#
 105 161.3 16.6 56.6#



#66
 4-Bromophenyl-phenylether
 Concen: 4.81 ng
 RT: 10.796 min Scan# 762
 Delta R.T. -0.240 min
 Lab File: BF092681.D
 Acq: 31 Jan 2017 15:15

Tgt Ion:248 Resp: 24758
 Ion Ratio Lower Upper
 248 100
 250 202.7 76.9 115.3#
 141 357.1 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.122 min Scan# 10

Delta R.T. -0.023 min

Lab File: BF092681.D

Acq: 31 Jan 2017 15:15

Instrument :

BNA_F

ClientSampleId :

ELT-WCS012617(0-15)

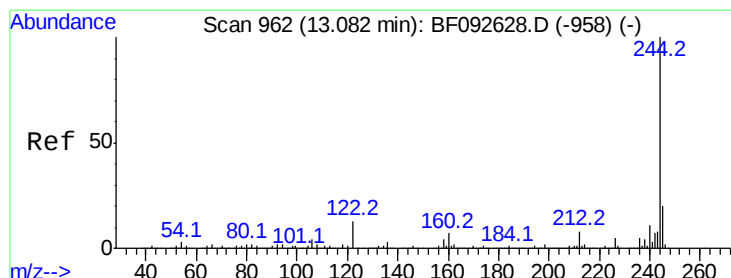
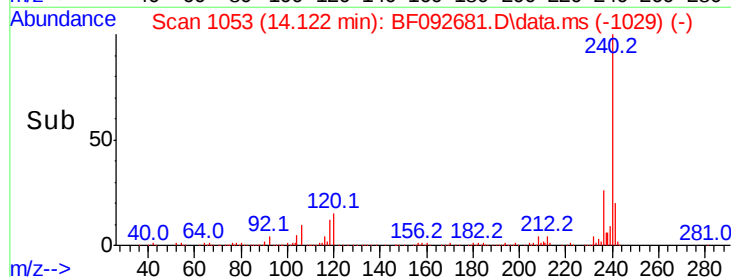
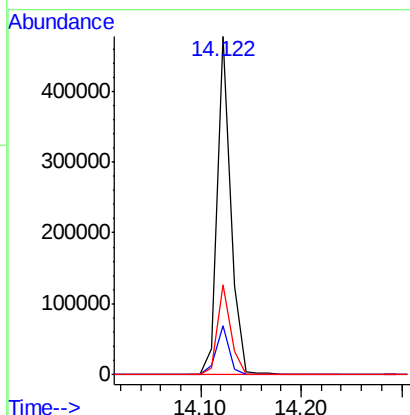
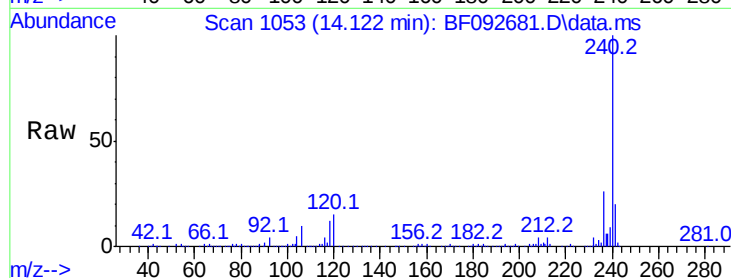
Tgt Ion:240 Resp: 444431

Ion Ratio Lower Upper

240 100

120 14.6 12.9 19.3

236 26.5 20.9 31.3



#78

Terphenyl-d14

Concen: 86.28 ng

RT: 13.082 min Scan# 962

Delta R.T. -0.000 min

Lab File: BF092681.D

Acq: 31 Jan 2017 15:15

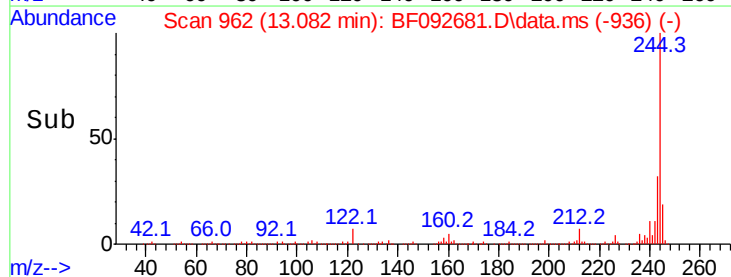
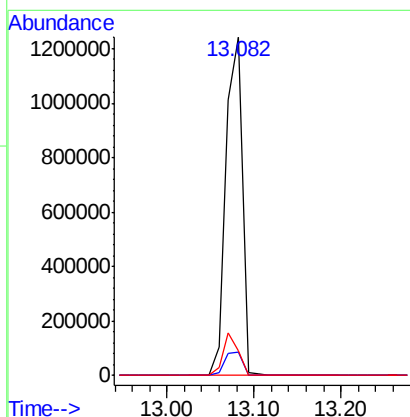
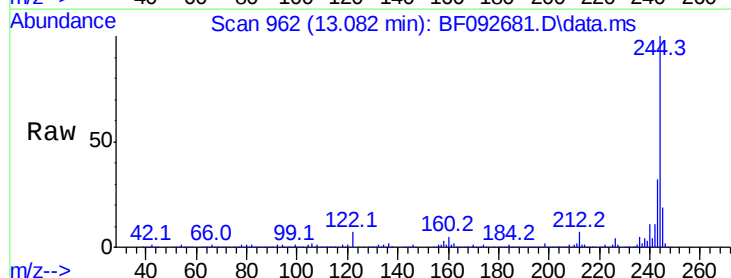
Tgt Ion:244 Resp: 1632008

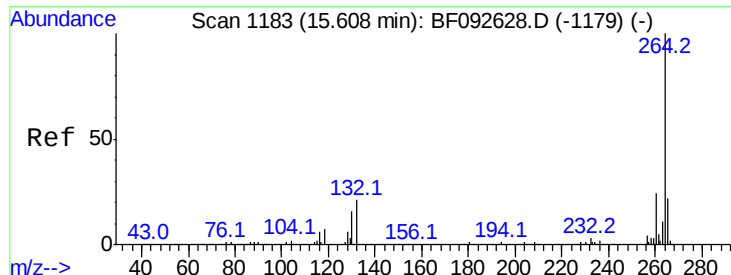
Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

122 7.4 11.4 17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.597 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF092681.D
Acq: 31 Jan 2017 15:15

Instrument :
BNA_F
ClientSampleId :
ELT-WCS012617(0-15)

Tgt Ion:	264	Resp:	381400
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	20.5	17.4	26.0

