

Data Path : Z:\HPCHEM1\BNA_F\Data\BF013117\
 Data File : BF092680.D
 Acq On : 31 Jan 2017 14:38
 Operator : SJ/MA
 Sample : PB96532TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96532TB

Quant Time: Jan 31 16:38:07 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)

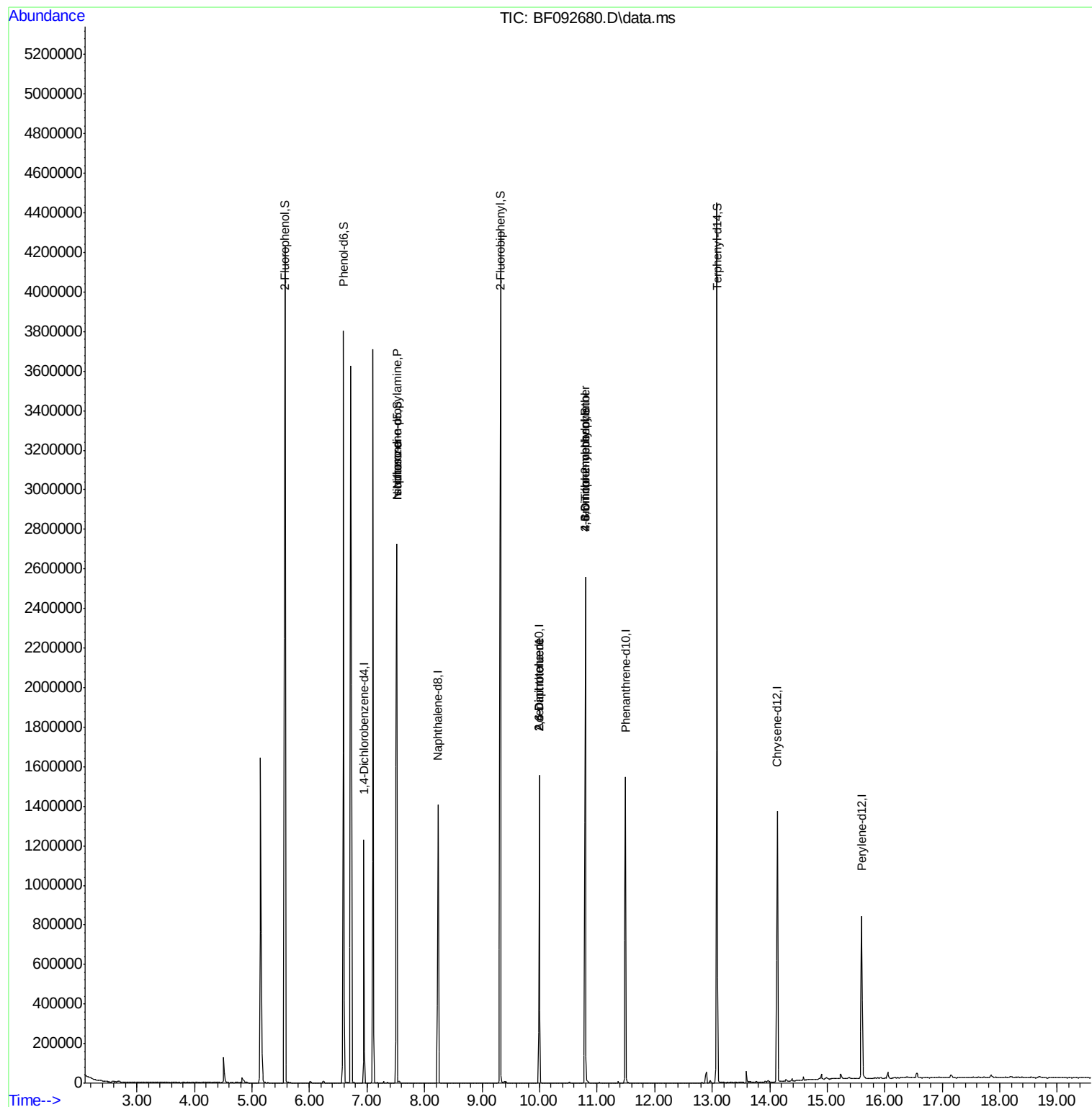
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.944	152	167407	20.00	ng	-0.02
21) Naphthalene-d8	8.236	136	670766	20.00	ng	-0.02
38) Acenaphthene-d10	9.996	164	359103	20.00	ng	-0.01
63) Phenanthrene-d10	11.493	188	648832	20.00	ng	0.00
75) Chrysene-d12	14.134	240	522251	20.00	ng	-0.01
86) Perylene-d12	15.597	264	365293	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	1260861	129.22	ng	0.00
7) Phenol-d6	6.590	99	1430033	113.90	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1059369	87.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.796	330	316873	122.00	ng	-0.01
44) 2-Fluorobiphenyl	9.322	172	1851651	93.42	ng	-0.01
78) Terphenyl-d14	13.082	244	1493873	67.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.516	70	142502	17.83	ng	Qvalue # 79
25) Isophorone	7.516	82	1011397	45.06	ng	# 65
50) 2,6-Dinitrotoluene	9.996	165	46262	8.86	ng	# 30
56) 2,4-Dinitrotoluene	9.996	165	46263	6.65	ng	# 20
64) 4,6-Dinitro-2-methylph...	10.796	198	945	2.89	ng	# 1
66) 4-Bromophenyl-phenylether	10.796	248	25796	3.81	ng	# 1

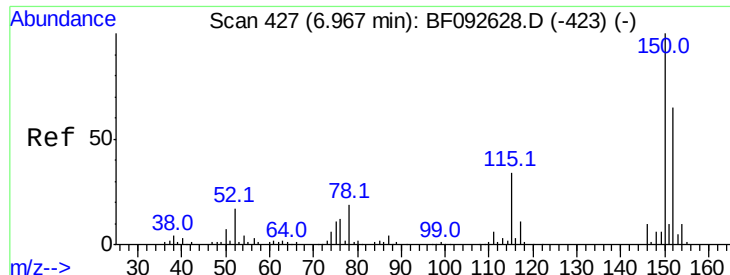
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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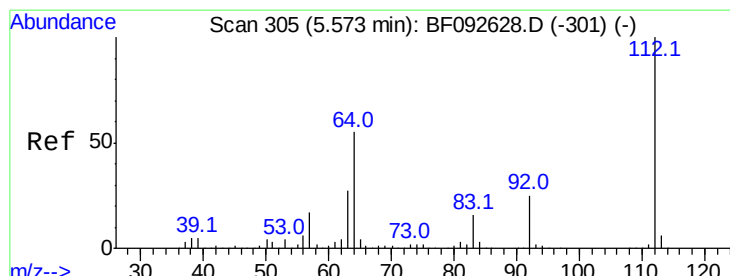
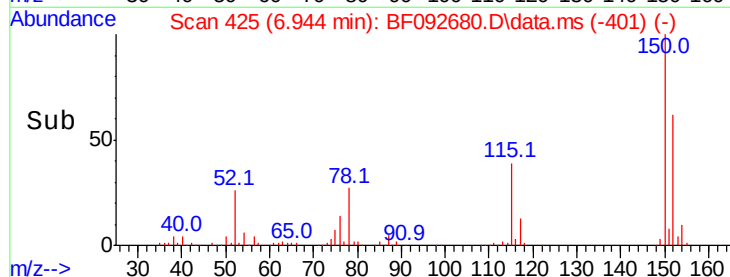
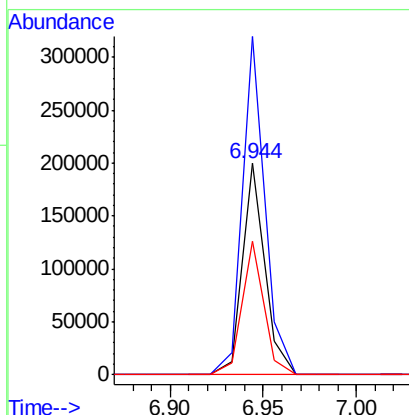
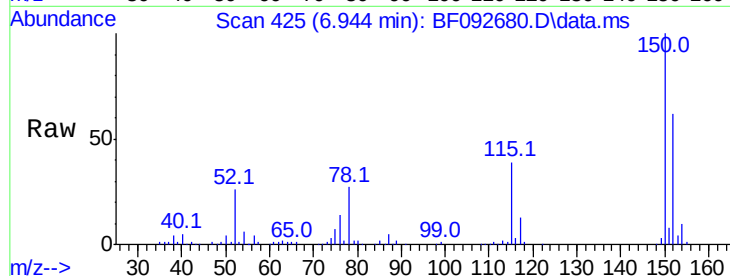




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.944 min Scan# 42
 Delta R.T. -0.023 min
 Lab File: BF092680.D
 Acq: 31 Jan 2017 14:38

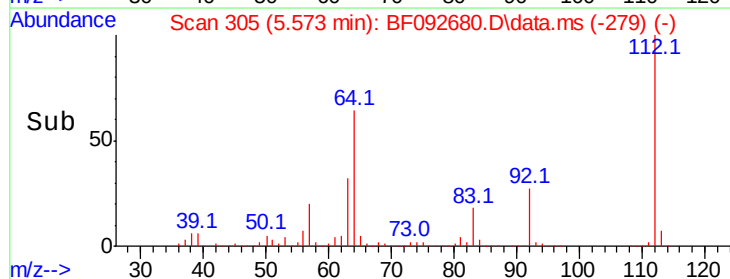
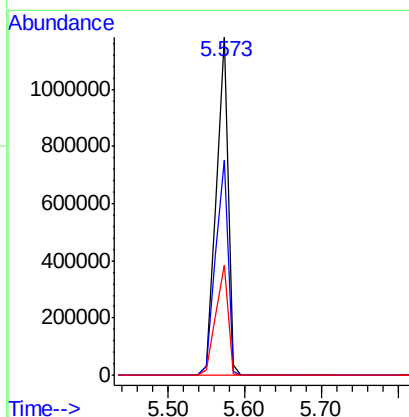
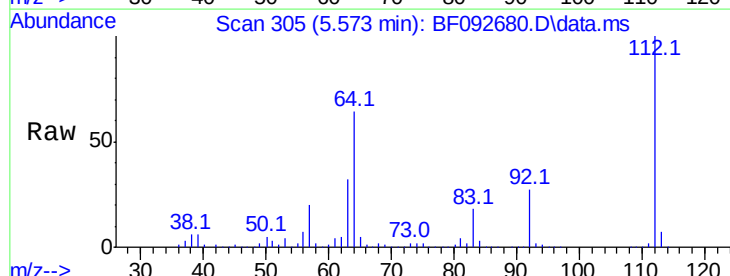
Instrument :
 BNA_F
 ClientSampleId :
 PB96532TB

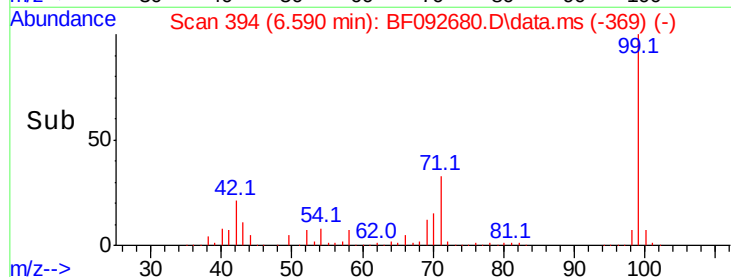
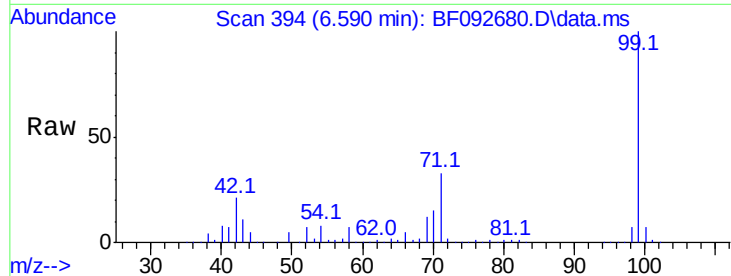
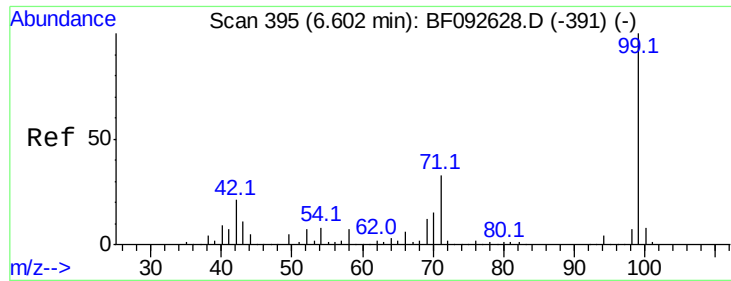
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.9	187.3
115	63.1	46.0	69.0



#5
 2-Fluorophenol
 Concen: 129.22 ng
 RT: 5.573 min Scan# 305
 Delta R.T. 0.001 min
 Lab File: BF092680.D
 Acq: 31 Jan 2017 14:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	46.1	69.1
63	32.5	23.8	35.6





#7

Phenol-d6

Concen: 113.90 ng

RT: 6.590 min Scan# 39

Delta R.T. -0.012 min

Lab File: BF092680.D

Acq: 31 Jan 2017 14:38

Instrument :

BNA_F

ClientSampleId :

PB96532TB

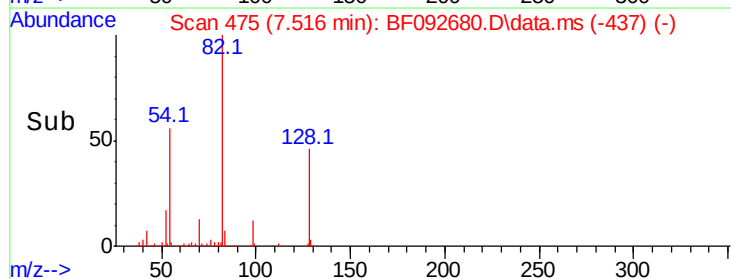
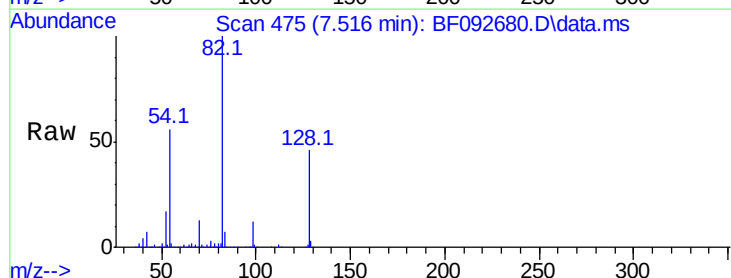
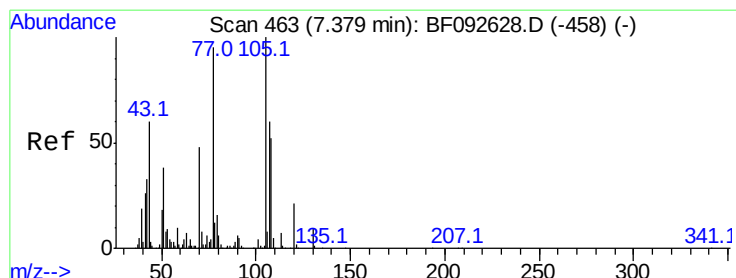
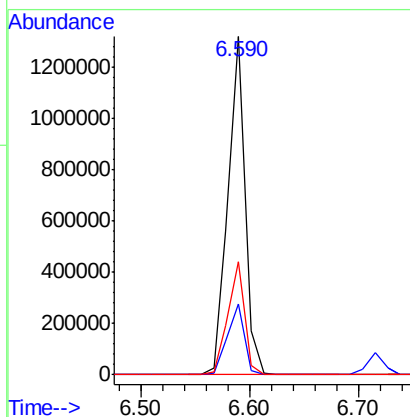
Tgt Ion: 99 Resp: 1430033

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

71 33.4 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.83 ng

RT: 7.516 min Scan# 475

Delta R.T. 0.137 min

Lab File: BF092680.D

Acq: 31 Jan 2017 14:38

Tgt Ion: 70 Resp: 142502

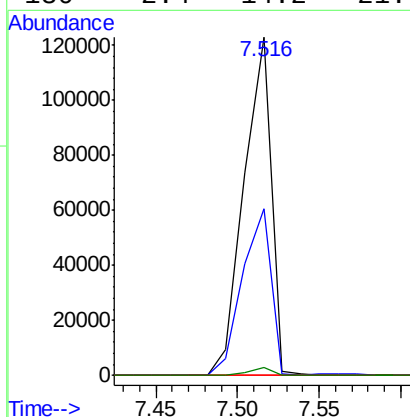
Ion Ratio Lower Upper

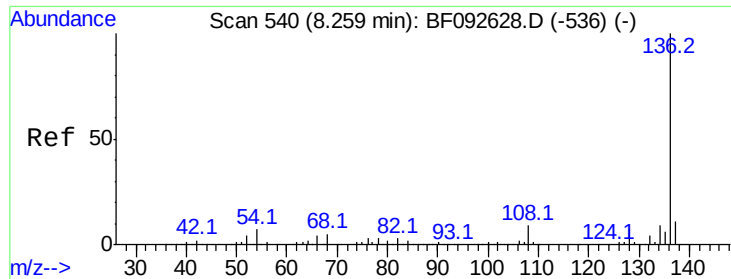
70 100

42 49.4 49.4 74.0

101 0.0 7.4 11.2#

130 2.4 14.2 21.4#

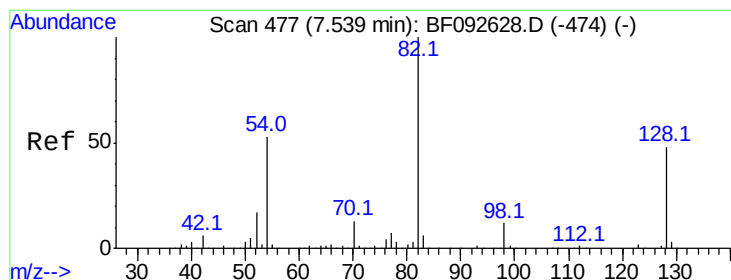
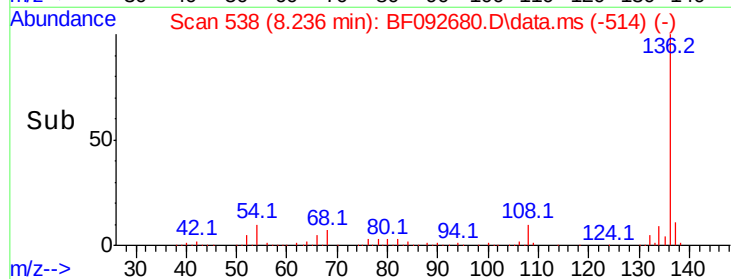
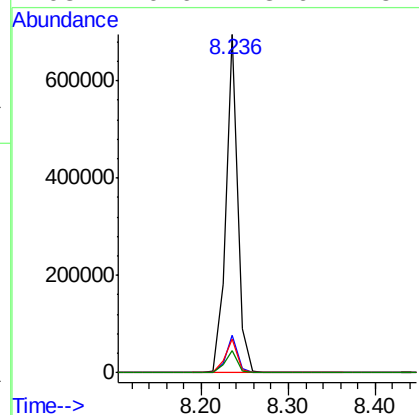
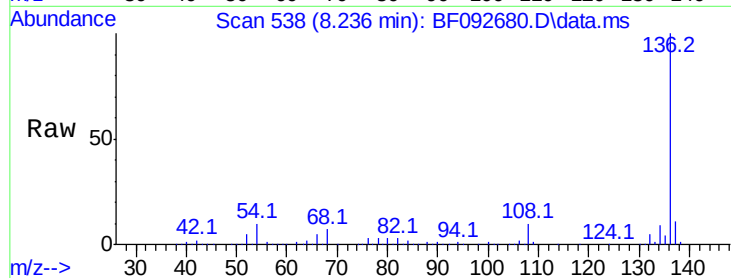




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.236 min Scan# 531
Delta R.T. -0.023 min
Lab File: BF092680.D
Acq: 31 Jan 2017 14:38

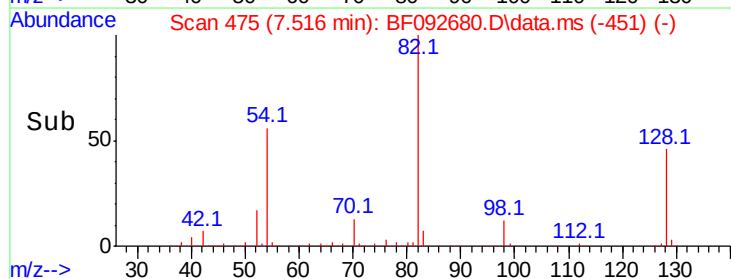
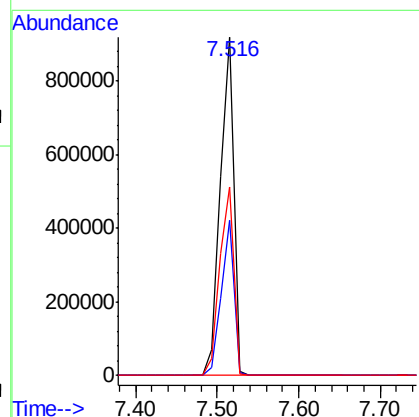
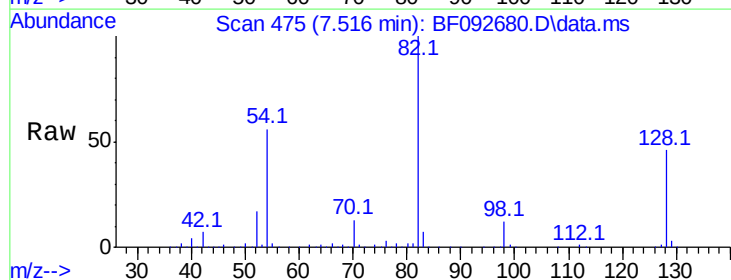
Instrument :
BNA_F
ClientSampleId :
PB96532TB

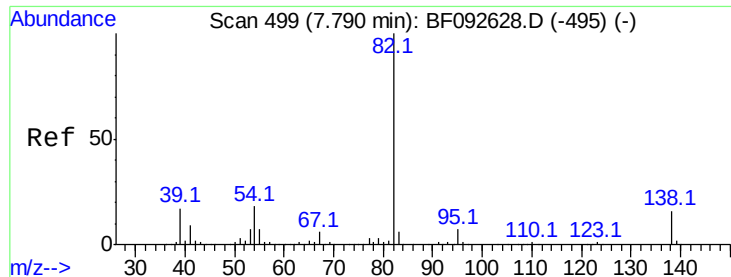
Tgt Ion:	136	Resp:	670766
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.4	12.6
54	9.8	4.5	6.7#
68	6.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 87.95 ng
RT: 7.516 min Scan# 475
Delta R.T. -0.023 min
Lab File: BF092680.D
Acq: 31 Jan 2017 14:38

Tgt Ion:	82	Resp:	1059369
Ion Ratio	Lower	Upper	
82	100		
128	46.0	34.6	52.0
54	55.8	39.5	59.3





#25

Isophorone

Concen: 45.06 ng

RT: 7.516 min Scan# 47

Delta R.T. -0.274 min

Lab File: BF092680.D

Acq: 31 Jan 2017 14:38

Instrument :

BNA_F

ClientSampleId :

PB96532TB

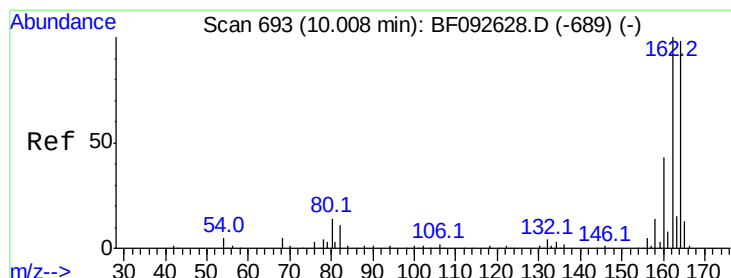
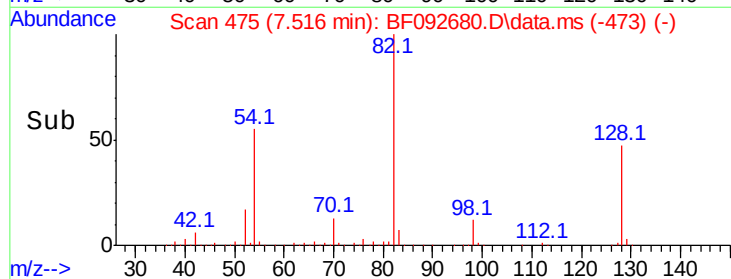
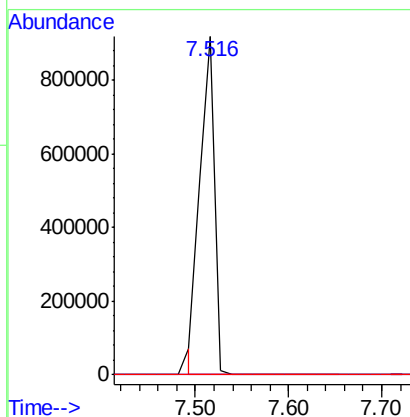
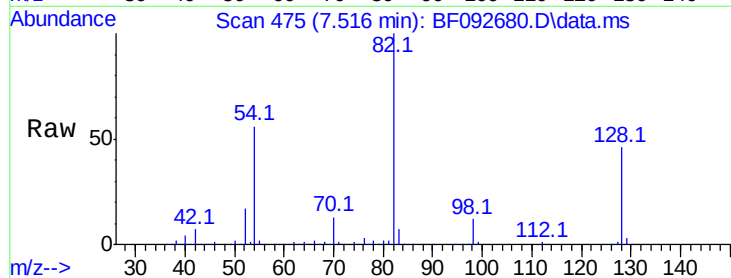
Tgt Ion: 82 Resp: 1011397

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. -0.012 min

Lab File: BF092680.D

Acq: 31 Jan 2017 14:38

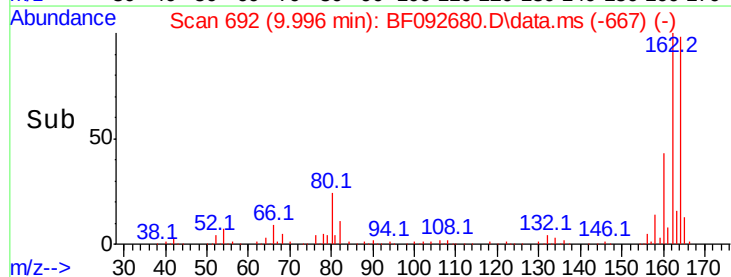
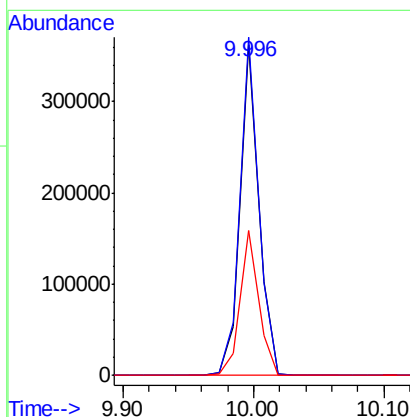
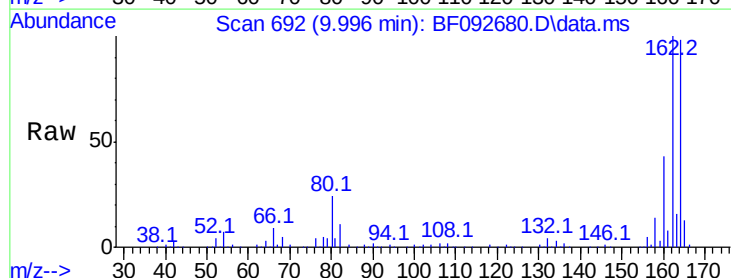
Tgt Ion: 164 Resp: 359103

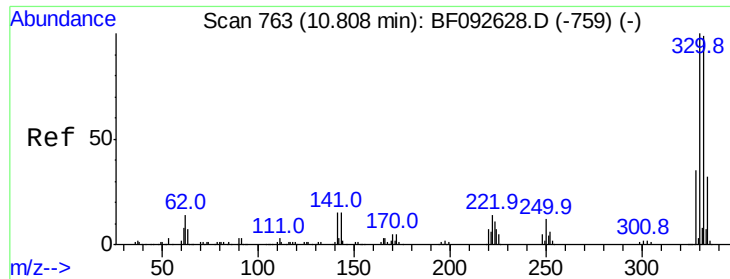
Ion Ratio Lower Upper

164 100

162 102.3 80.2 120.2

160 43.8 36.9 55.3

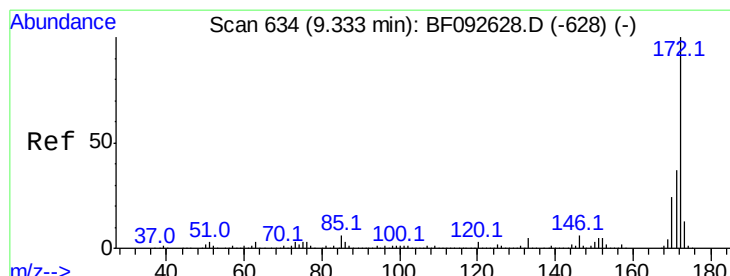
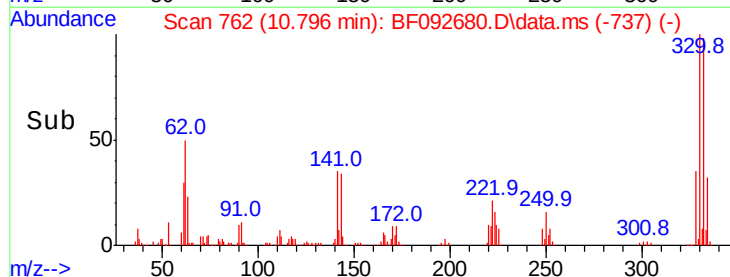
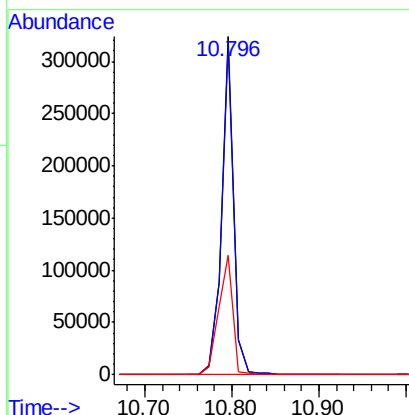
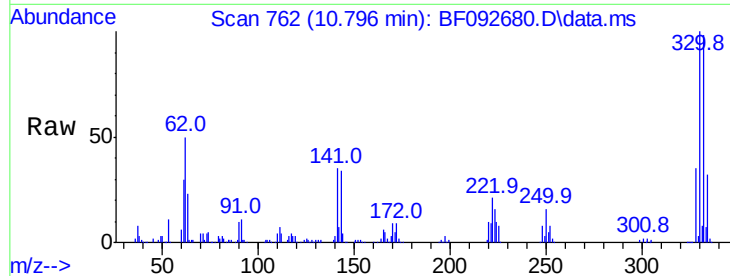




#41
 2,4,6-Tribromophenol
 Concen: 122.00 ng
 RT: 10.796 min Scan# 763
 Delta R.T. -0.012 min
 Lab File: BF092680.D
 Acq: 31 Jan 2017 14:38

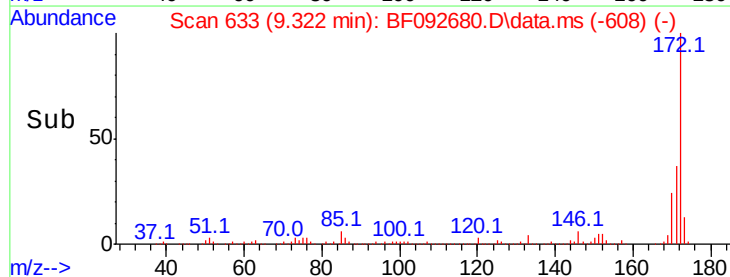
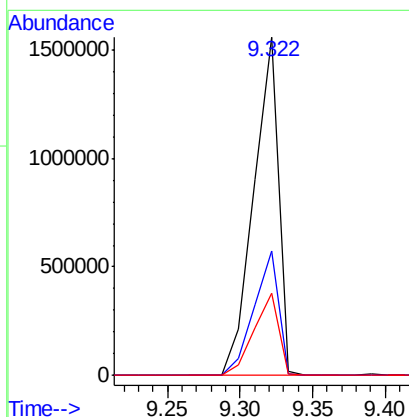
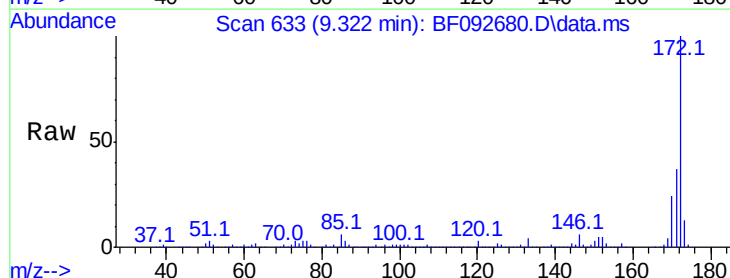
Instrument :
 BNA_F
 ClientSampleId :
 PB96532TB

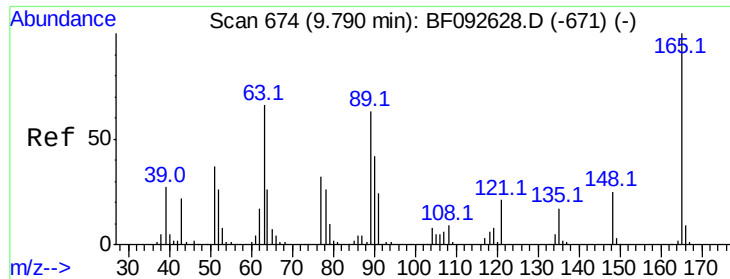
Tgt Ion:330 Resp: 316873
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 41.5 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 93.42 ng
 RT: 9.322 min Scan# 633
 Delta R.T. -0.012 min
 Lab File: BF092680.D
 Acq: 31 Jan 2017 14:38

Tgt Ion:172 Resp: 1851651
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.1 20.2 30.4

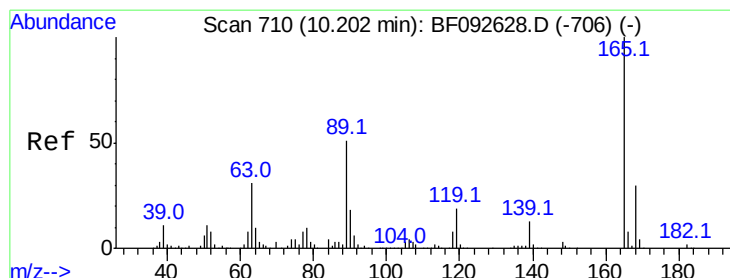
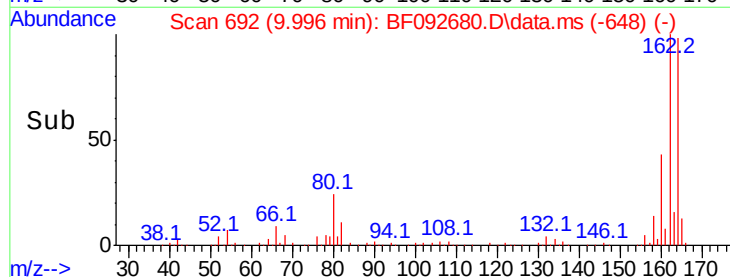
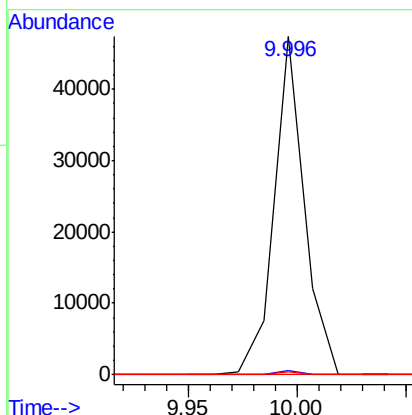
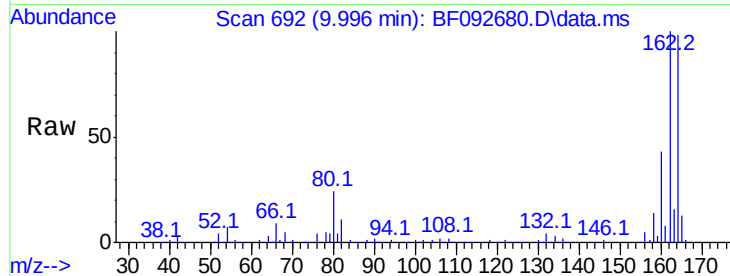




#50
 2,6-Dinitrotoluene
 Concen: 8.86 ng
 RT: 9.996 min Scan# 691
 Delta R.T. 0.206 min
 Lab File: BF092680.D
 Acq: 31 Jan 2017 14:38

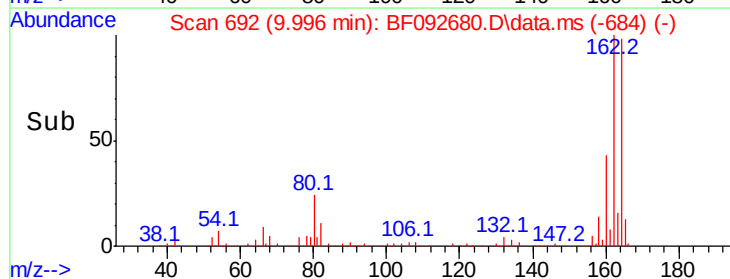
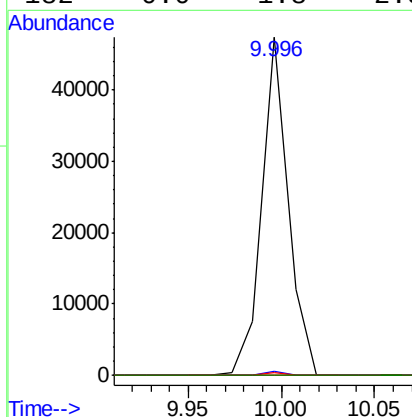
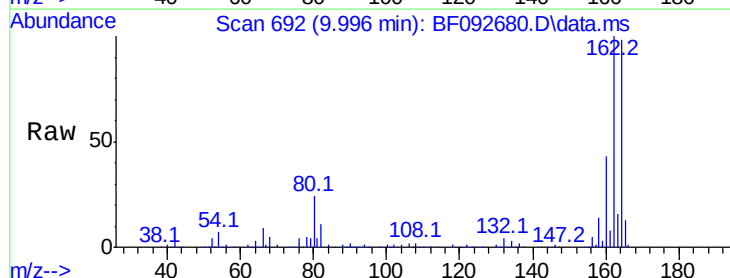
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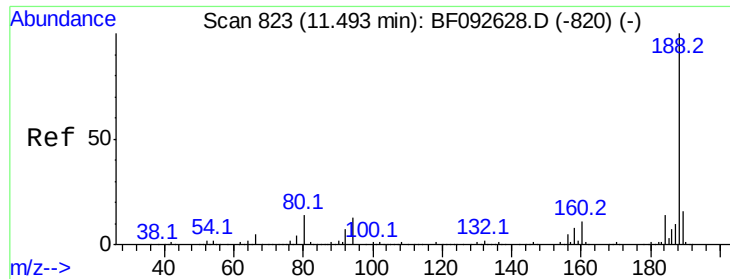
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.2	54.4#
89	1.0	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.65 ng
 RT: 9.996 min Scan# 692
 Delta R.T. -0.206 min
 Lab File: BF092680.D
 Acq: 31 Jan 2017 14:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

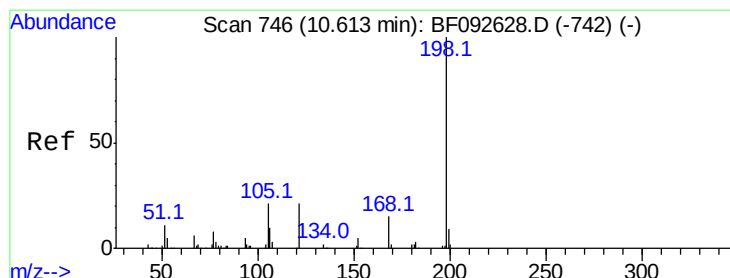
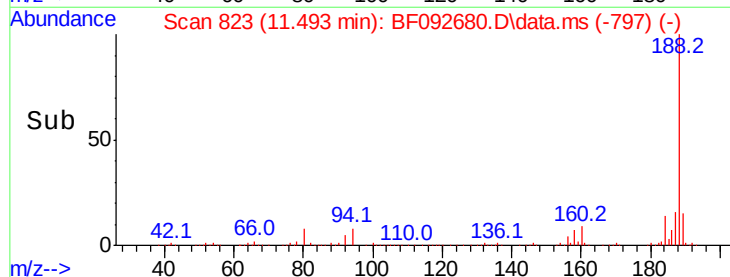
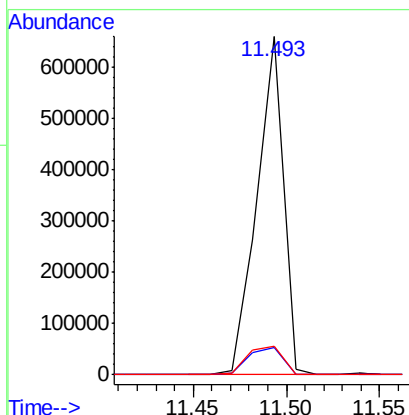
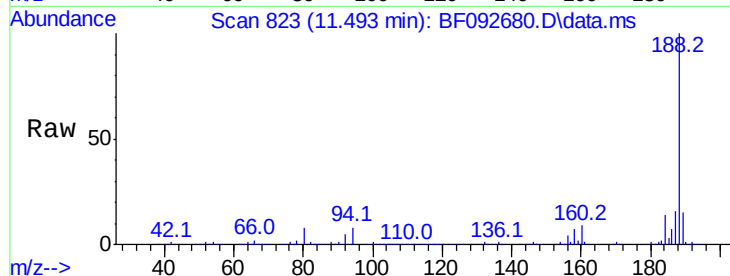




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.493 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF092680.D
Acq: 31 Jan 2017 14:38

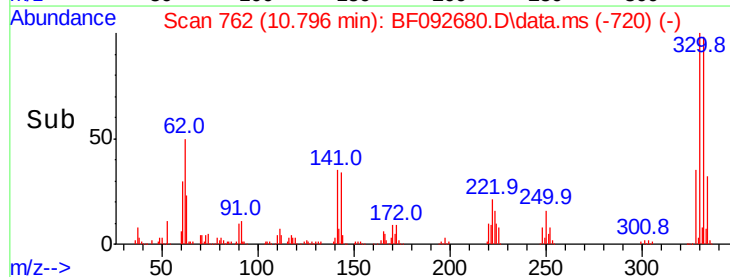
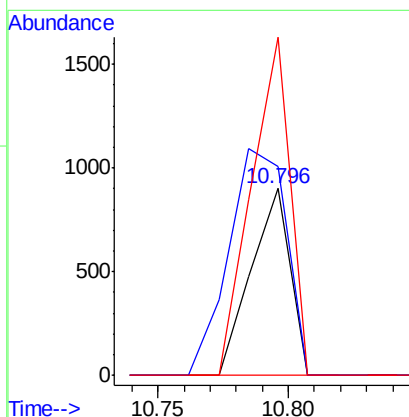
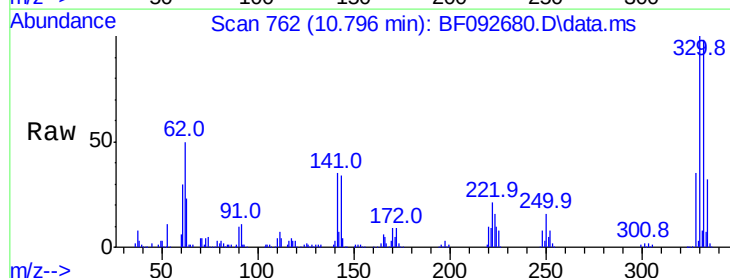
Instrument :
BNA_F
ClientSampleId :
PB96532TB

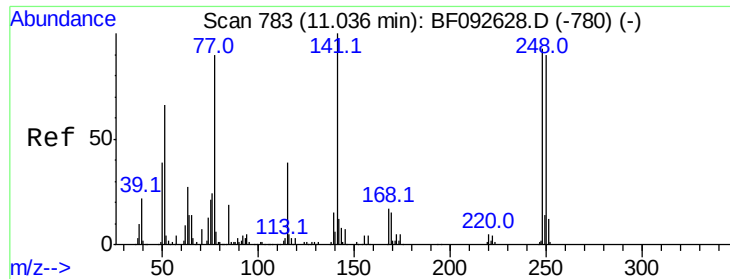
Tgt Ion:188 Resp: 648832
Ion Ratio Lower Upper
188 100
94 8.2 10.0 15.0#
80 8.5 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.89 ng
RT: 10.796 min Scan# 762
Delta R.T. 0.183 min
Lab File: BF092680.D
Acq: 31 Jan 2017 14:38

Tgt Ion:198 Resp: 945
Ion Ratio Lower Upper
198 100
51 111.8 6.7 46.7#
105 181.2 16.6 56.6#

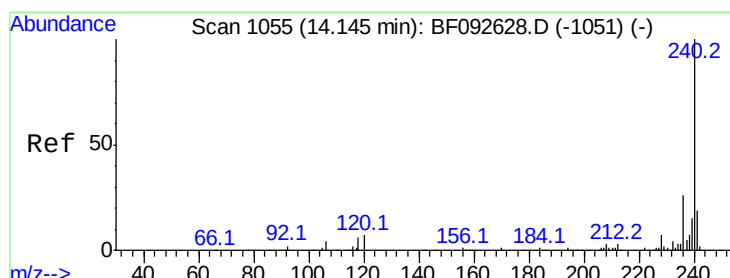
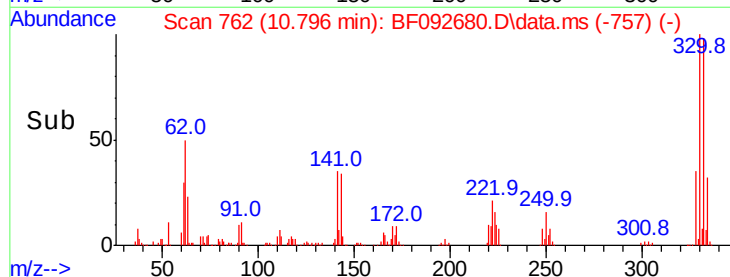
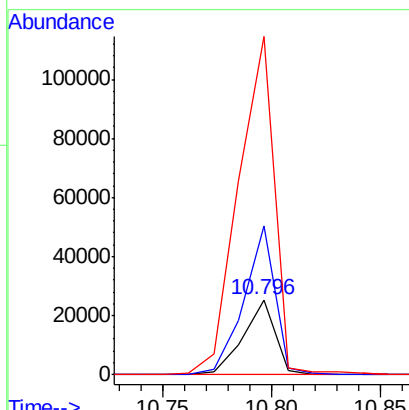
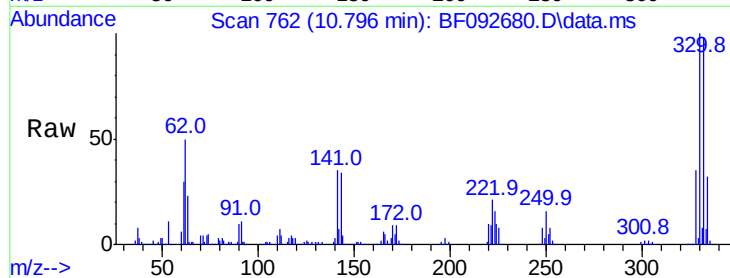




#66
4-Bromophenyl-phenylether
Concen: 3.81 ng
RT: 10.796 min Scan# 76
Delta R.T. -0.240 min
Lab File: BF092680.D
Acq: 31 Jan 2017 14:38

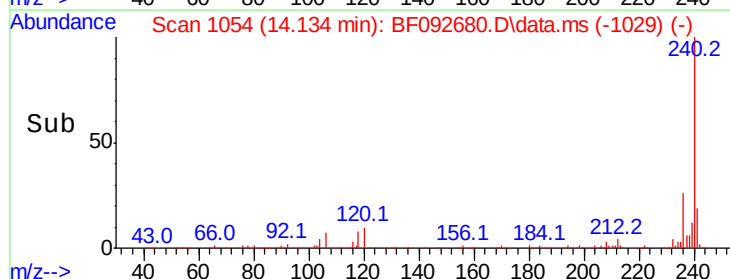
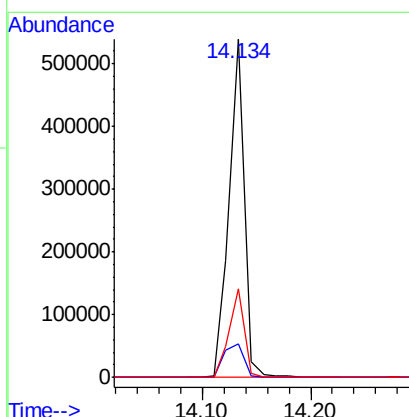
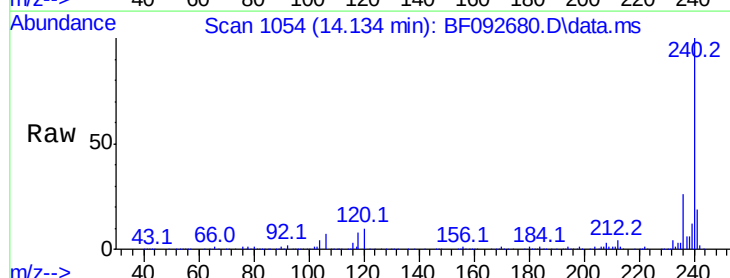
Instrument :
BNA_F
ClientSampleId :
PB96532TB

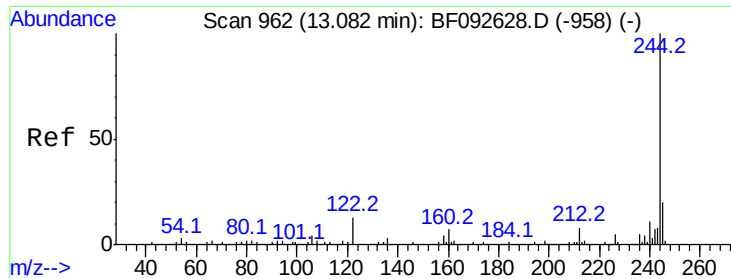
Tgt Ion:248 Resp: 25796
Ion Ratio Lower Upper
248 100
250 198.1 76.9 115.3#
141 451.3 68.2 102.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.134 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF092680.D
Acq: 31 Jan 2017 14:38

Tgt Ion:240 Resp: 522251
Ion Ratio Lower Upper
240 100
120 9.9 12.9 19.3#
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 67.21 ng

RT: 13.082 min Scan# 96

Delta R.T. -0.000 min

Lab File: BF092680.D

Acq: 31 Jan 2017 14:38

Instrument :

BNA_F

ClientSampleId :

PB96532TB

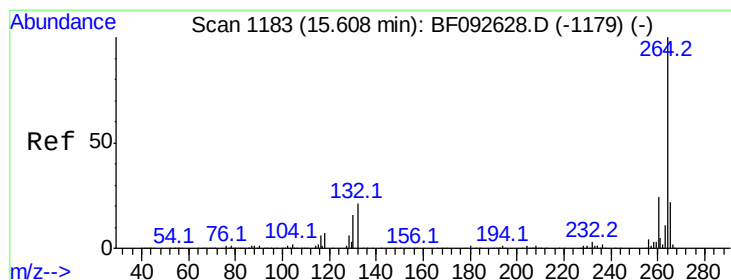
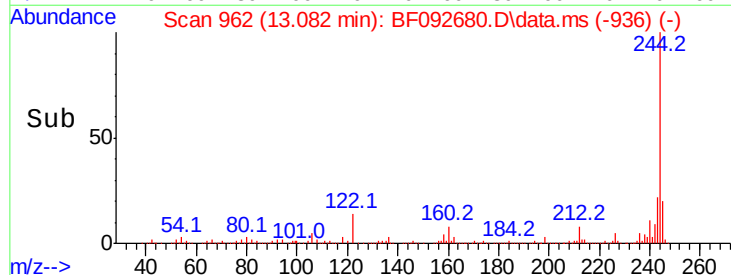
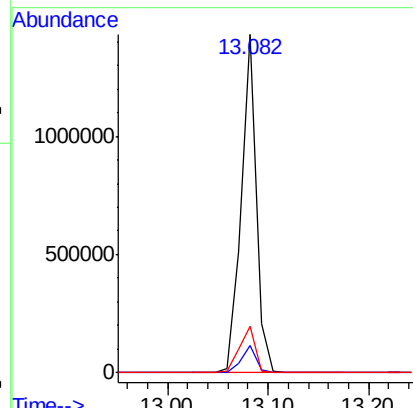
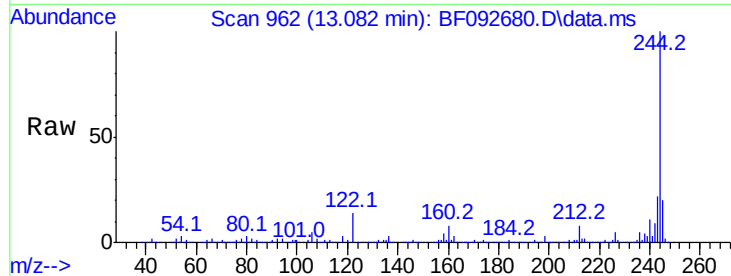
Tgt Ion:244 Resp: 1493873

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 13.6 11.4 17.2



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.597 min Scan# 1182

Delta R.T. -0.012 min

Lab File: BF092680.D

Acq: 31 Jan 2017 14:38

Tgt Ion:264 Resp: 365293

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.5 17.4 26.0

