Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
Data File : BF092405.D
Acq On : 21 Jan 2017 8:48
Operator : UM/SJ
Sample : I1267-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Time: Jan 22 23:54:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	184066	20.00	ng	-0.12
21) Naphthalene-d8	7.81	136	700973	20.00	ng	-0.12
38) Acenaphthene-d10	9.56	164	208492	20.00	ng	-0.12
63) Phenanthrene-d10	11.03	188	309015	20.00	ng	-0.12
75) Chrysene-d12	13.66	240	229713	20.00	ng	-0.12
86) Perylene-d12	15.02	264	235773	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	839093	76.12	ng	-0.11
7) Phenol-d6	6.21	99	623160	46.30	ng	-0.10
23) Nitrobenzene-d5	7.10	82	1188137	94.25	ng	-0.11
41) 2,4,6-Tribromophenol	10.36	330	272425	157.89	ng	-0.11
44) 2-Fluorobiphenyl	8.90	172	1871508	201.62	ng	-0.11
78) Terphenyl-d14	12.62	244	951178	100.42	ng	-0.12
Target Compounds						Qvalue
9) Benzaldehyde	6.21	77	1097	Below Cal	#	28
19) n-Nitroso-di-n-propylamine	7.10	70	158860	17.74	ng	# 76
25) Isophorone	7.10	82	903365	38.84	ng	# 65
37) 2-Methylnaphthalene	8.53	142	1498	Below Cal		95
47) 2-Nitroaniline	9.10	65	10356	2.57	ng	# 37
50) 2,6-Dinitrotoluene	9.56	165	26523	9.09	ng	# 32
56) 2,4-Dinitrotoluene	9.56	165	26523	7.24	ng	# 21
66) 4-Bromophenyl-phenylether	10.35	248	16473	5.12	ng	# 1
71) Anthracene	11.11	178	1212	Below Cal	#	59
73) Di-n-butylphthalate	11.62	149	4962	Below Cal	#	74
74) Fluoranthene	12.25	202	1117	Below Cal	#	26
76) Benzidine	12.62	184	13168	Below Cal	#	91

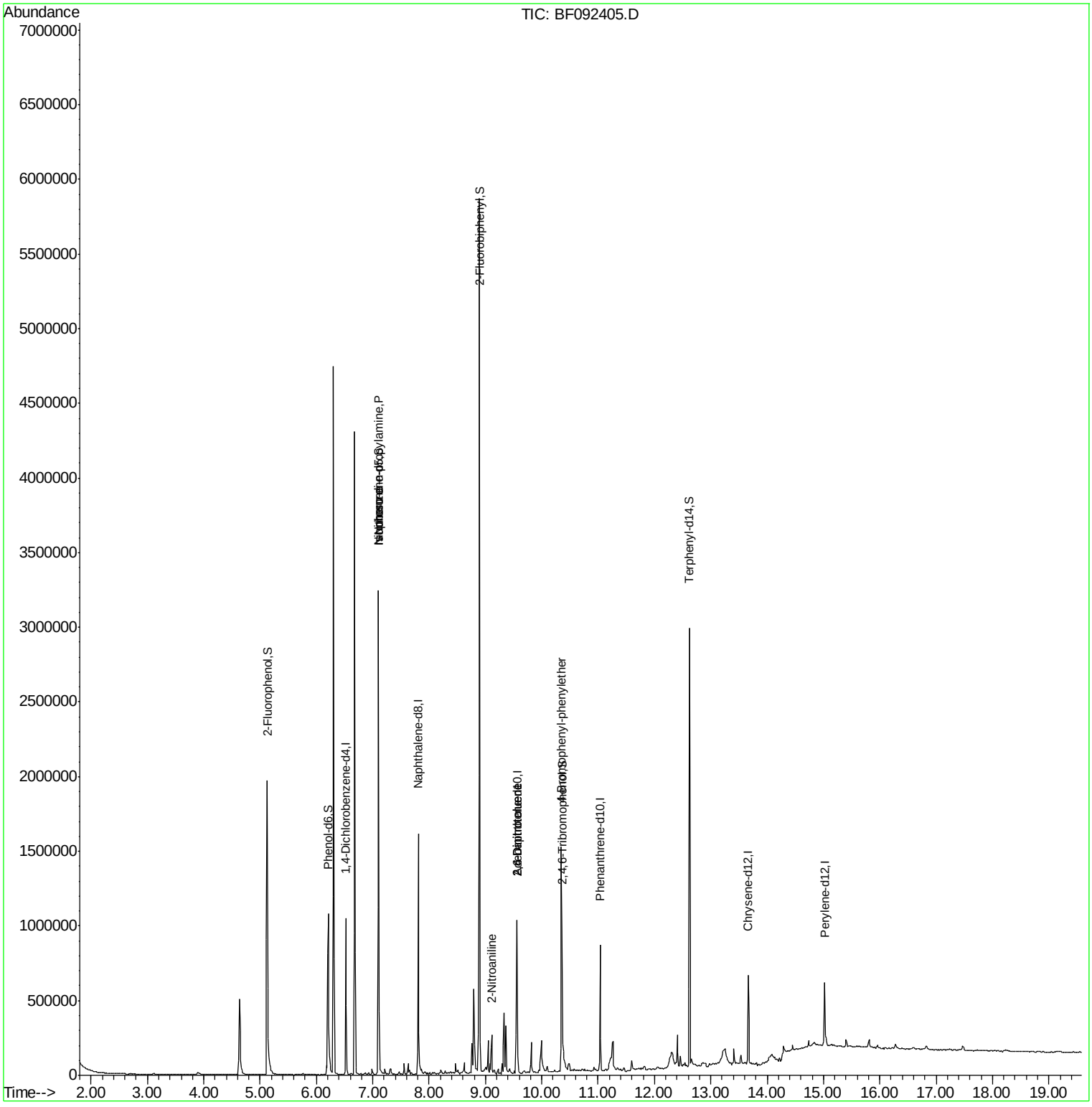
(#) = qualifier out of range (m) = manual integration (+) = signals summed

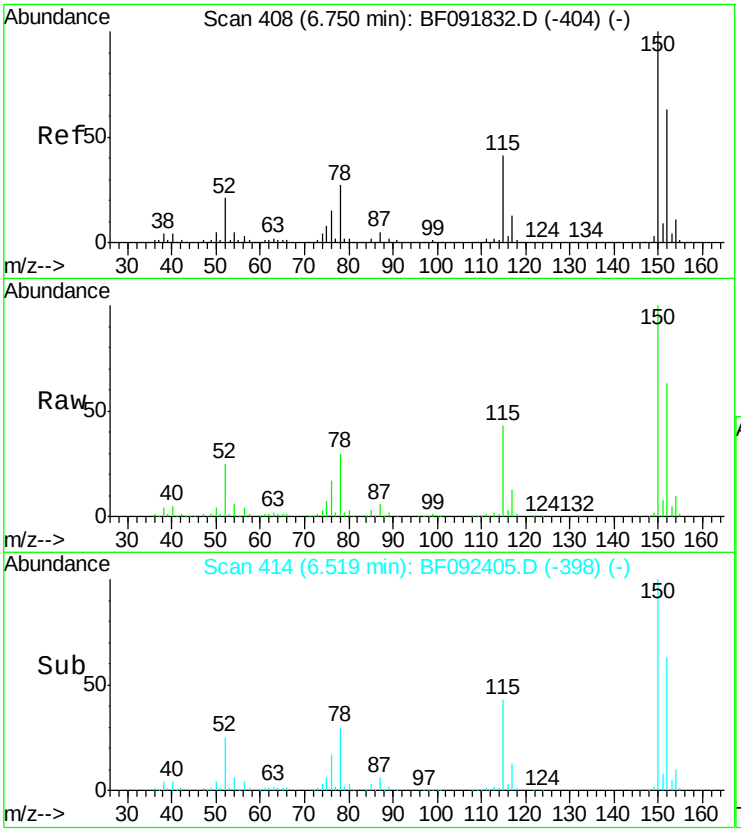
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
Data File : BF092405.D
Acq On : 21 Jan 2017 8:48
Operator : UM/SJ
Sample : I1267-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-22

Quant Time: Jan 22 23:54:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration



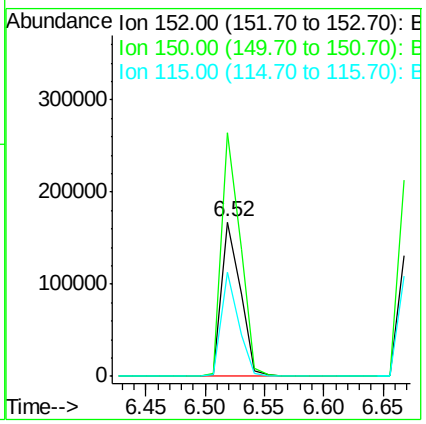


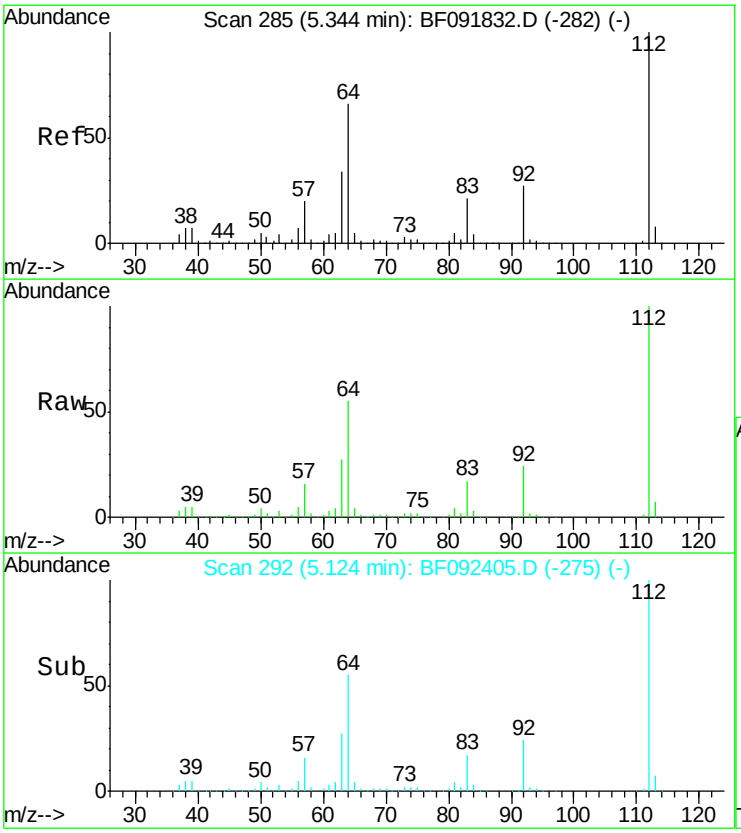
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 414
Delta R.T. -0.12 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:152 Resp: 184066

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.9	187.3
115	67.1	46.0	69.0

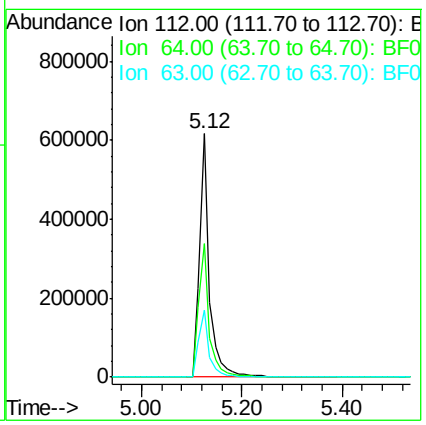


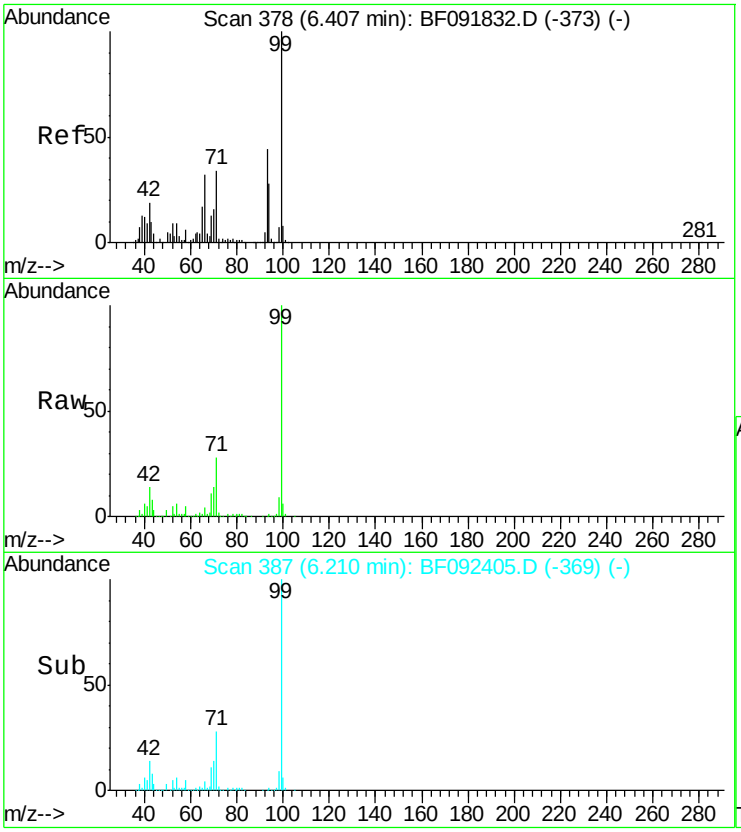


#5
2-Fluorophenol
Concen: 76.12 ng
RT: 5.12 min Scan# 292
Delta R.T. -0.11 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Tgt Ion:112 Resp: 839093

Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.1	69.1
63	27.3	23.8	35.6



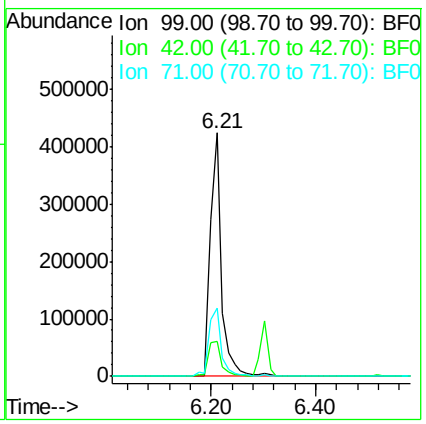


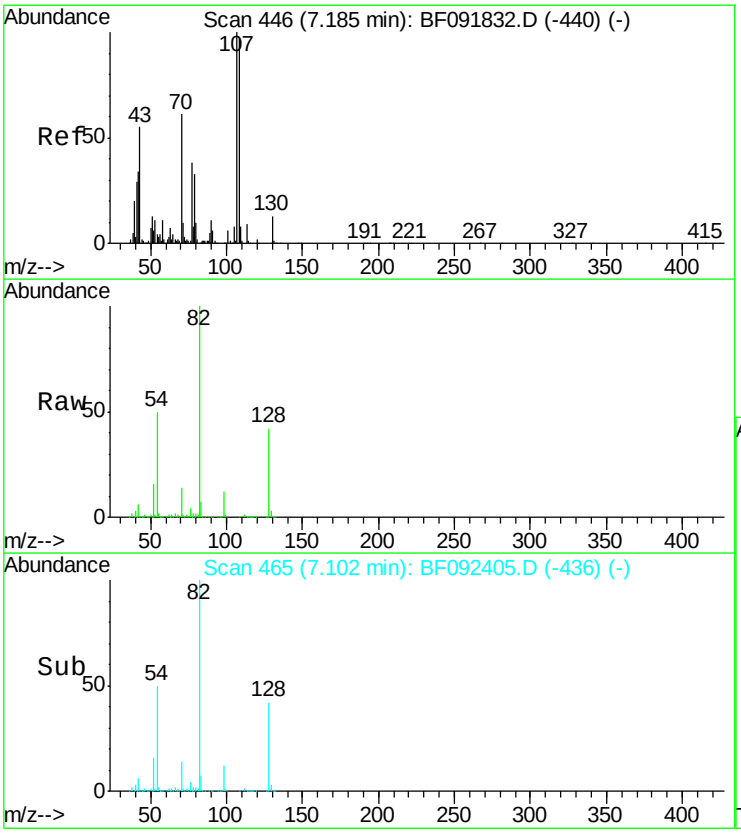
#7
Phenol-d6
Concen: 46.30 ng
RT: 6.21 min Scan# 387
Delta R.T. -0.10 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion: 99 Resp: 623160

Ion	Ratio	Lower	Upper
99	100		
42	14.3	15.6	23.4#
71	28.2	27.5	41.3

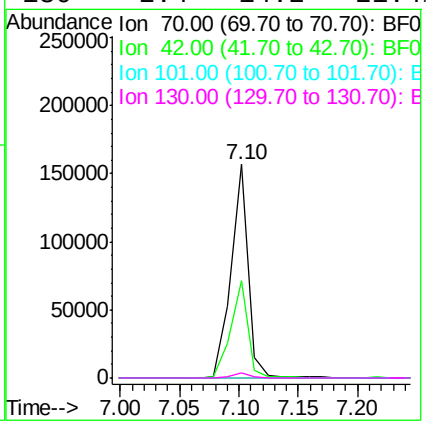


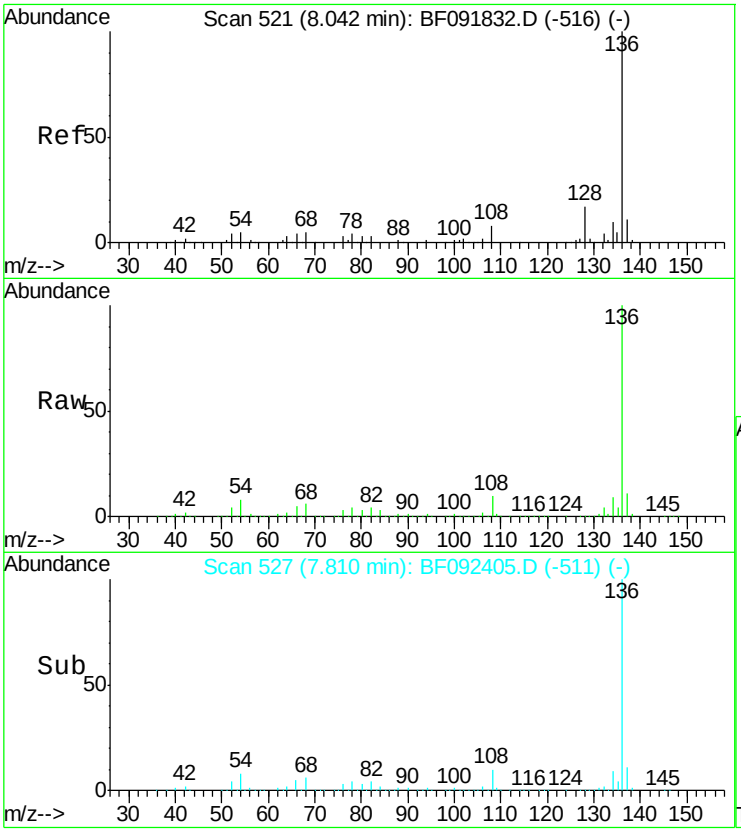


#19
n-Nitroso-di-n-propylamine
Concen: 17.74 ng
RT: 7.10 min Scan# 465
Delta R.T. 0.03 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Tgt Ion: 70 Resp: 158860

Ion	Ratio	Lower	Upper
70	100		
42	45.7	49.4	74.0#
101	0.0	7.4	11.2#
130	2.4	14.2	21.4#



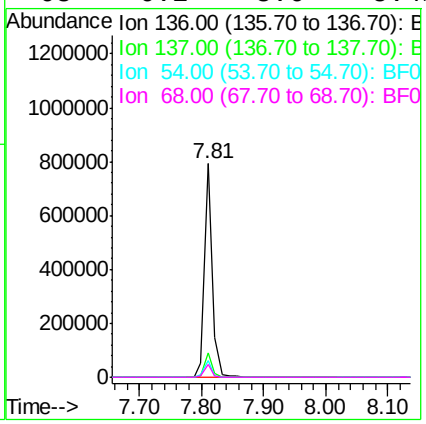


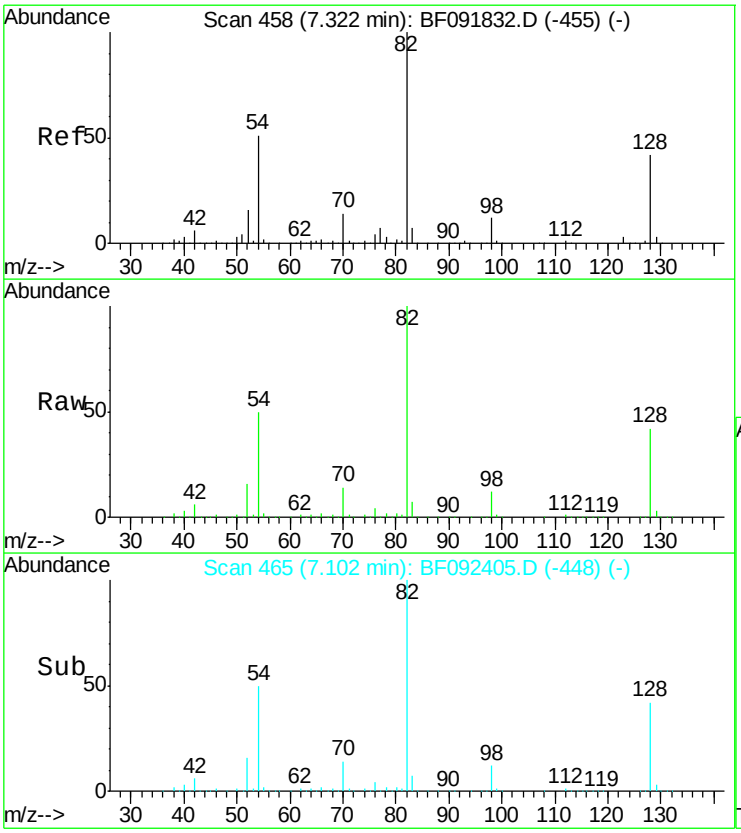
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.12 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:136 Resp: 700973

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.9	4.5	6.7#
68	6.2	3.6	5.4#

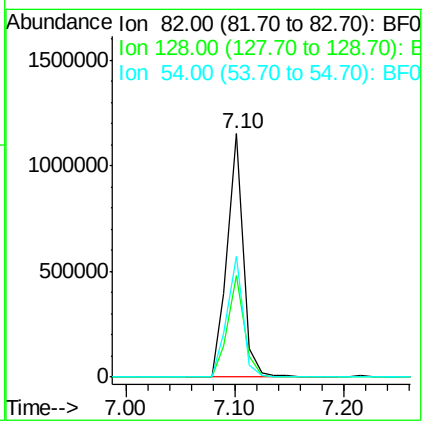


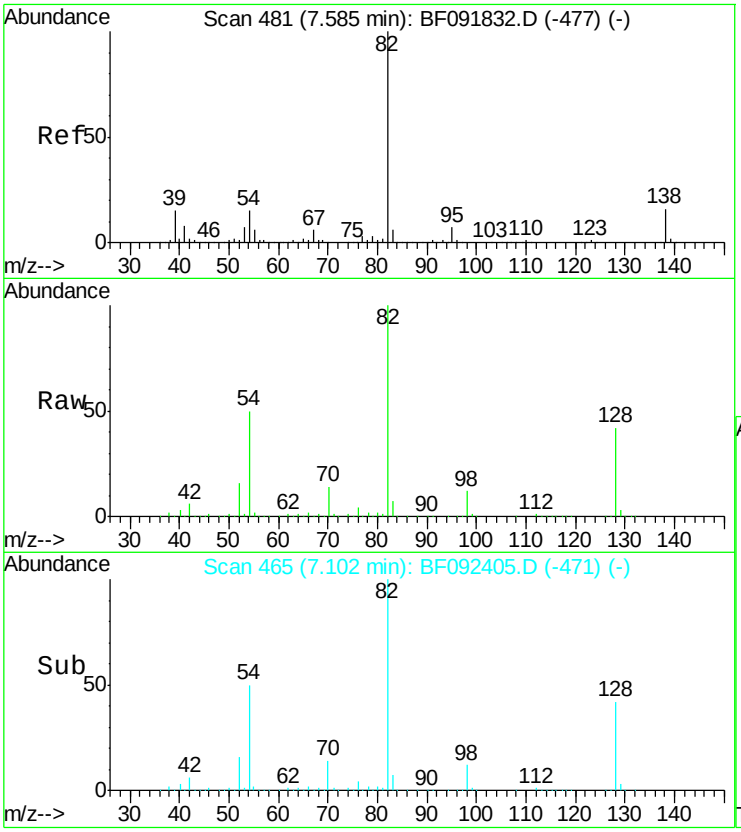


#23
Nitrobenzene-d5
Concen: 94.25 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.11 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Tgt Ion: 82 Resp: 1188137

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	49.8	39.5	59.3



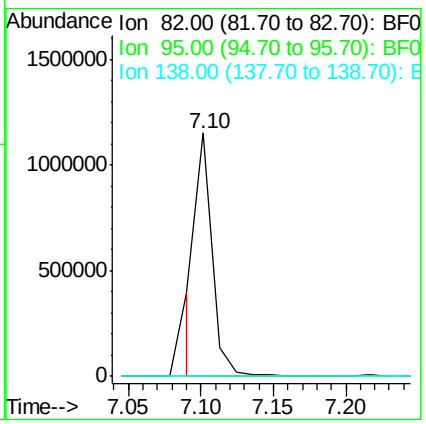


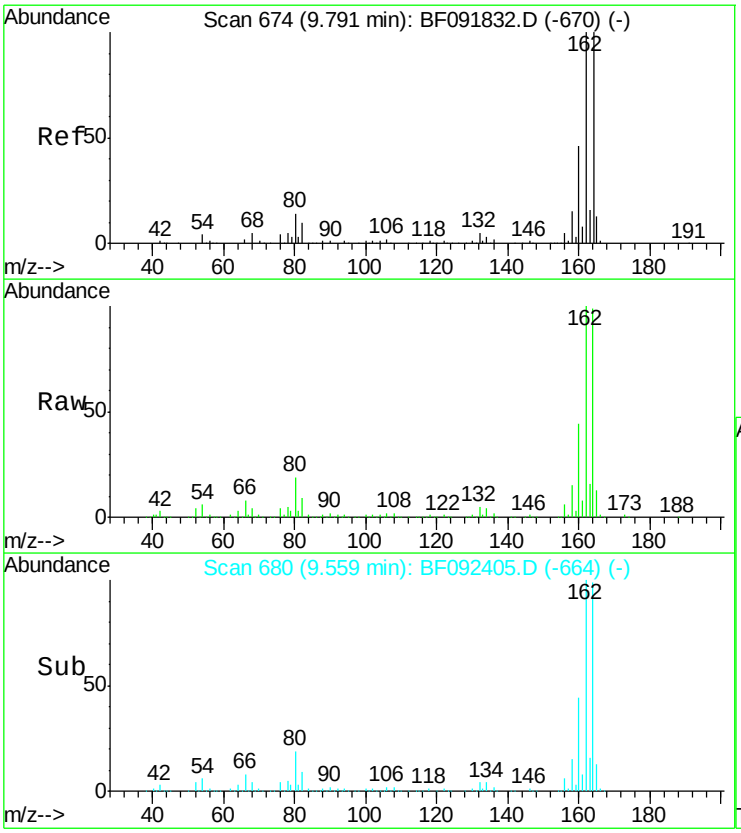
#25
Isophorone
Concen: 38.84 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.37 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion: 82 Resp: 903365

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

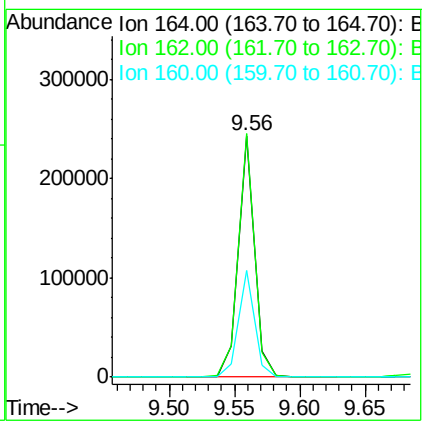


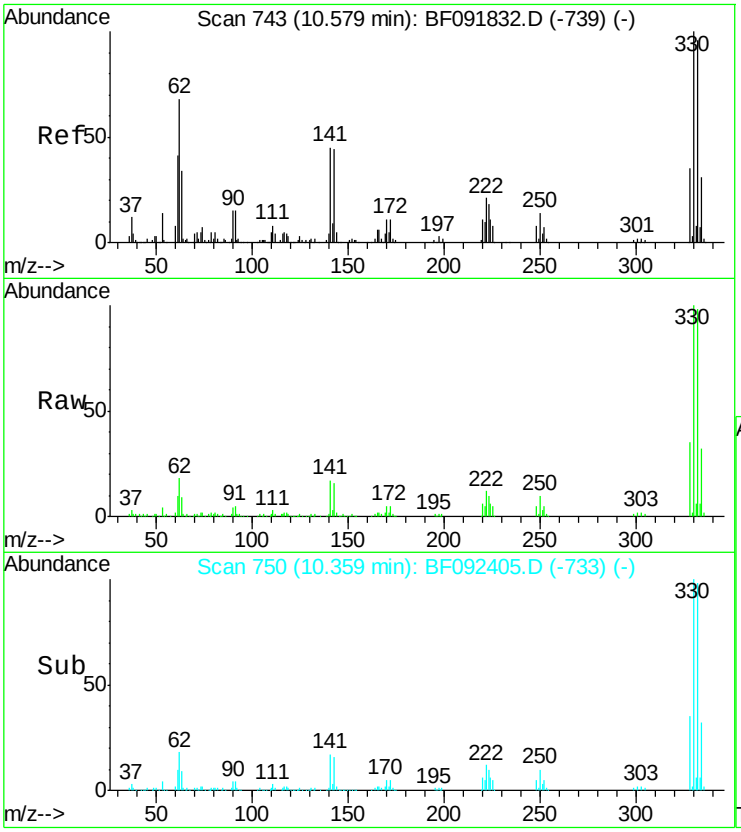


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.12 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Tgt Ion:164 Resp: 208492

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	44.4	36.9	55.3



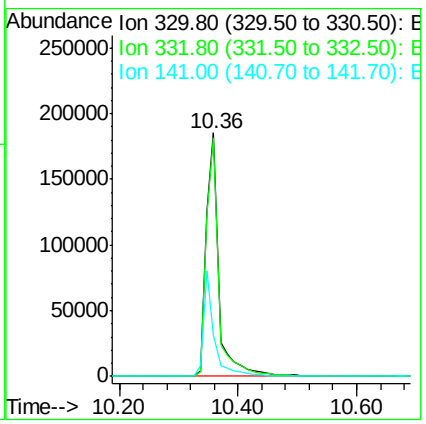


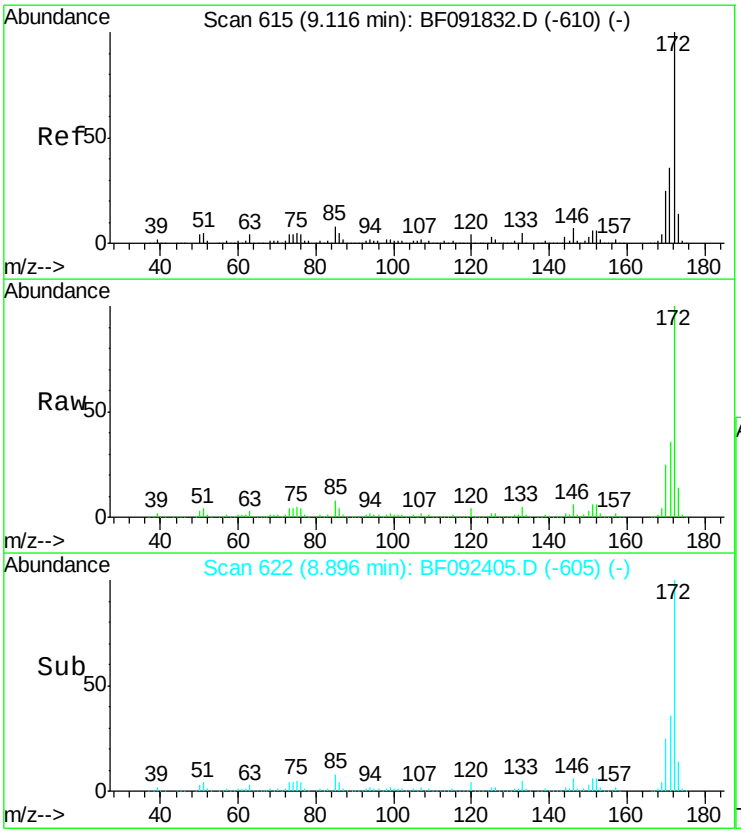
#41
2,4,6-Tribromophenol
Concen: 157.89 ng
RT: 10.36 min Scan# 750
Delta R.T. -0.11 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:330 Resp: 272425

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	37.7	34.1	51.1

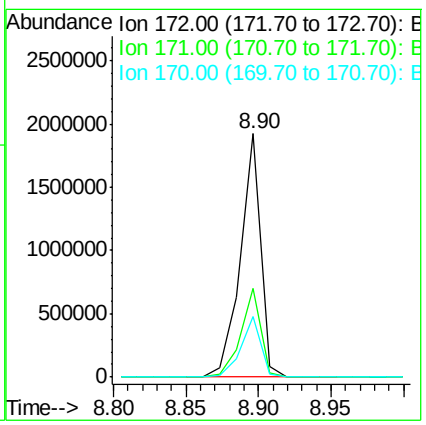


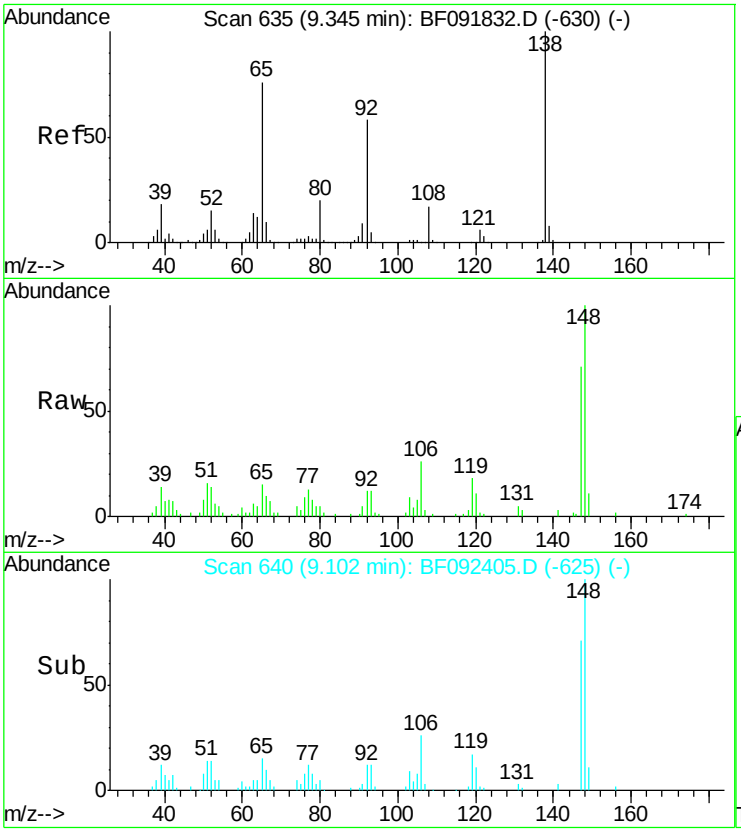


#44
2-Fluorobiphenyl
Concen: 201.62 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.11 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Tgt Ion:172 Resp: 1871508

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.8	20.2	30.4



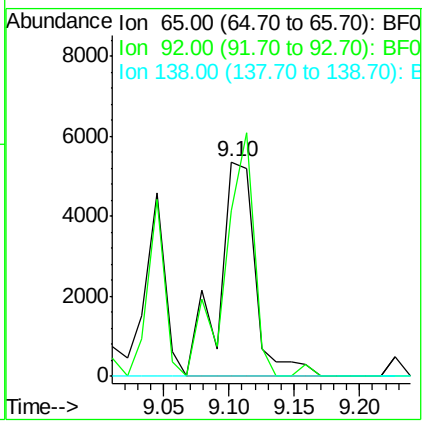


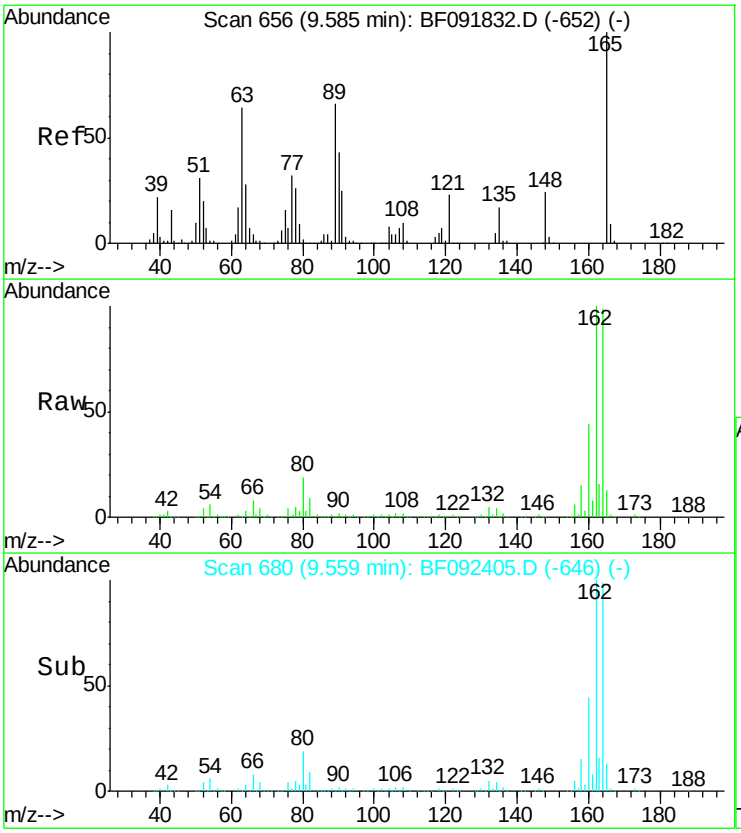
#47
2-Nitroaniline
Concen: 2.57 ng
RT: 9.10 min Scan# 640
Delta R.T. -0.13 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion: 65 Resp: 10356

Ion	Ratio	Lower	Upper
65	100		
92	77.3	53.9	80.9
138	0.0	76.8	115.2#

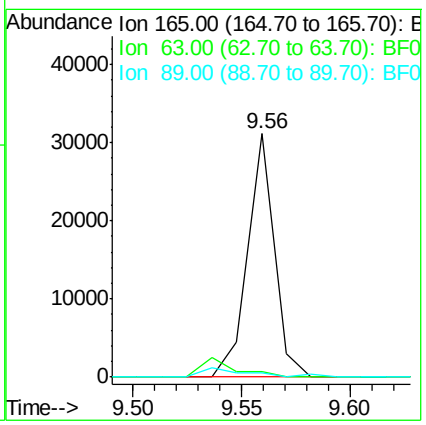


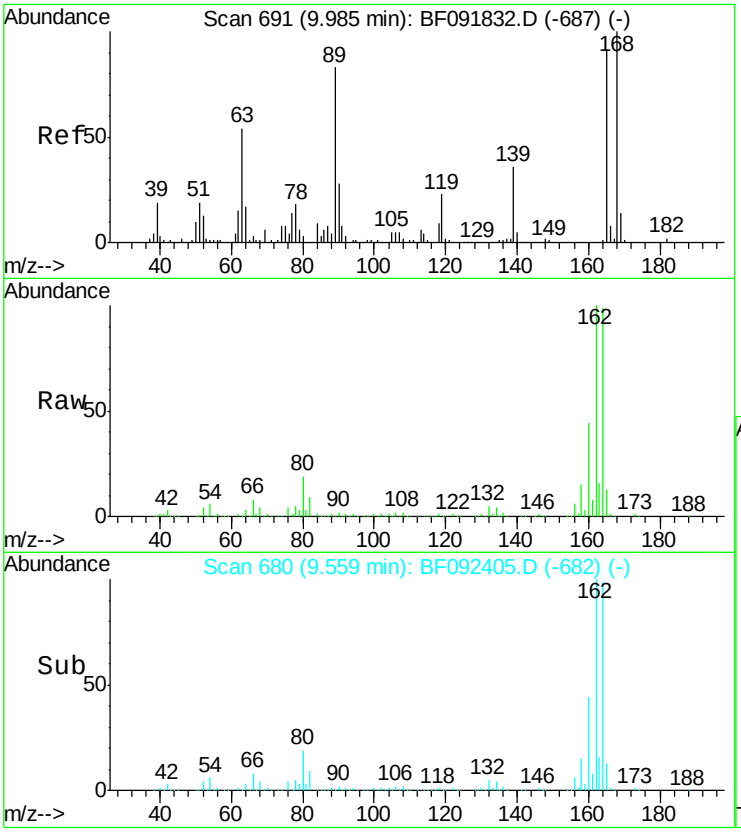


#50
2,6-Dinitrotoluene
Concen: 9.09 ng
RT: 9.56 min Scan# 680
Delta R.T. 0.08 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Tgt Ion:165 Resp: 26523

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.2	54.4#
89	2.0	40.2	60.4#



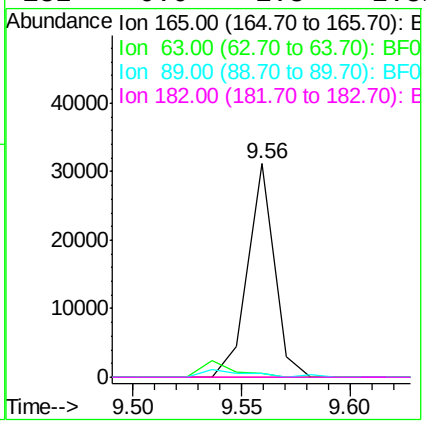


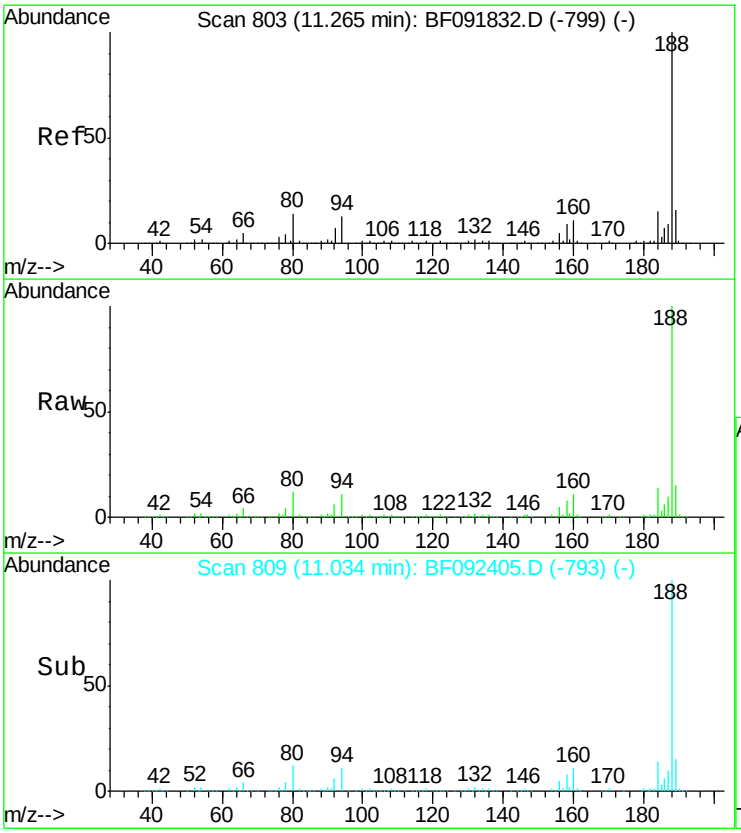
#56
2,4-Dinitrotoluene
Concen: 7.24 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.33 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:165 Resp: 26523

Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.2	60.4#
89	2.0	62.5	93.7#
182	0.0	1.8	2.8#

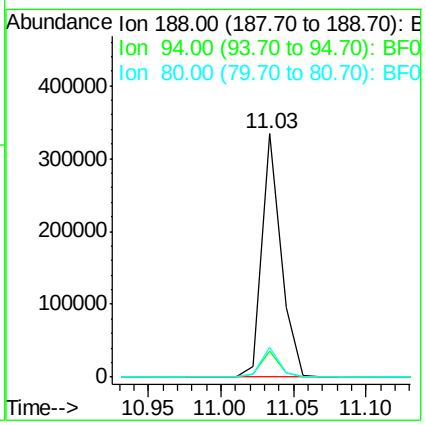


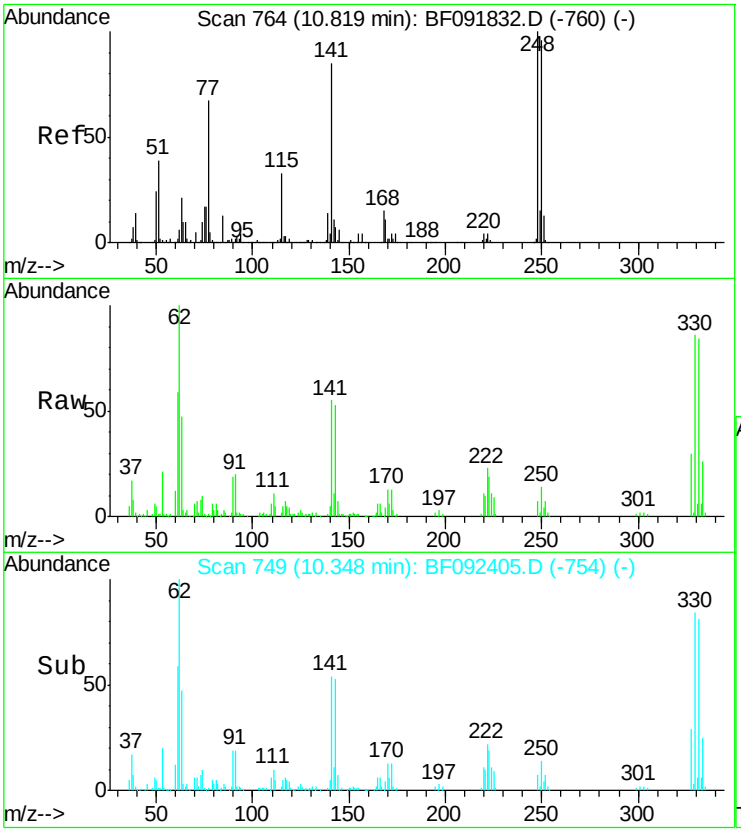


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. -0.12 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Tgt Ion:188 Resp: 309015

Ion	Ratio	Lower	Upper
188	100		
94	10.7	10.0	15.0
80	12.2	11.2	16.8



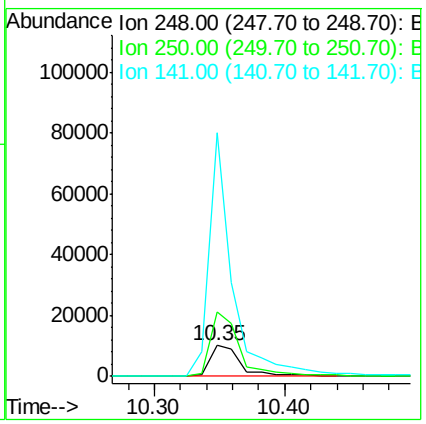


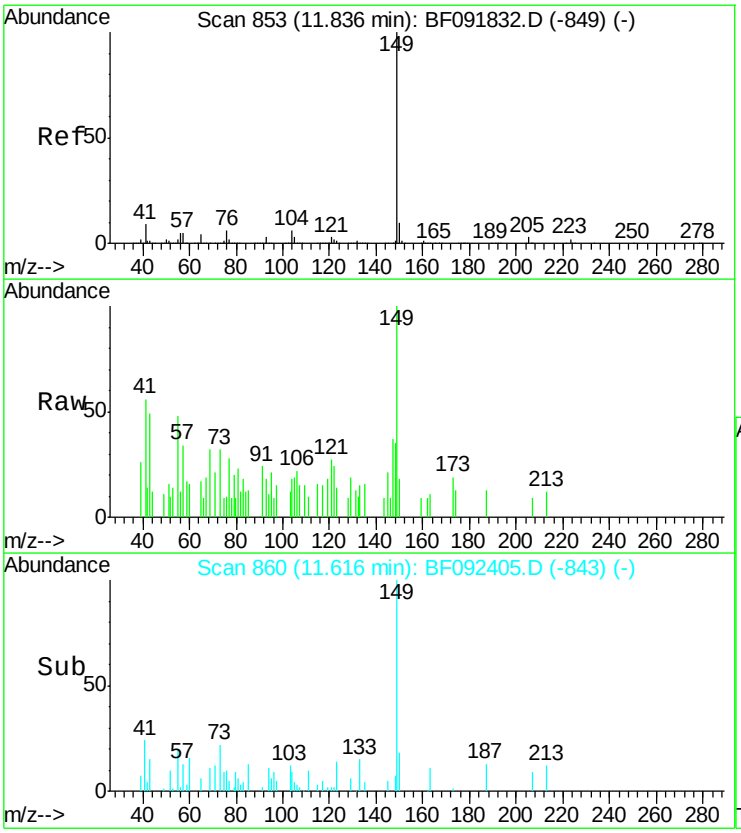
#66
4-Bromophenyl-phenylether
Concen: 5.12 ng
RT: 10.35 min Scan# 749
Delta R.T. -0.36 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:248 Resp: 16473

Ion	Ratio	Lower	Upper
248	100		
250	206.4	76.9	115.3#
141	784.6	68.2	102.4#

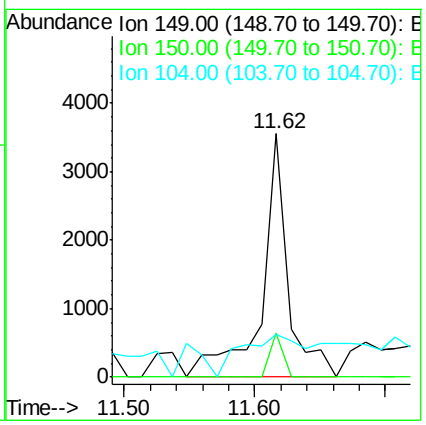


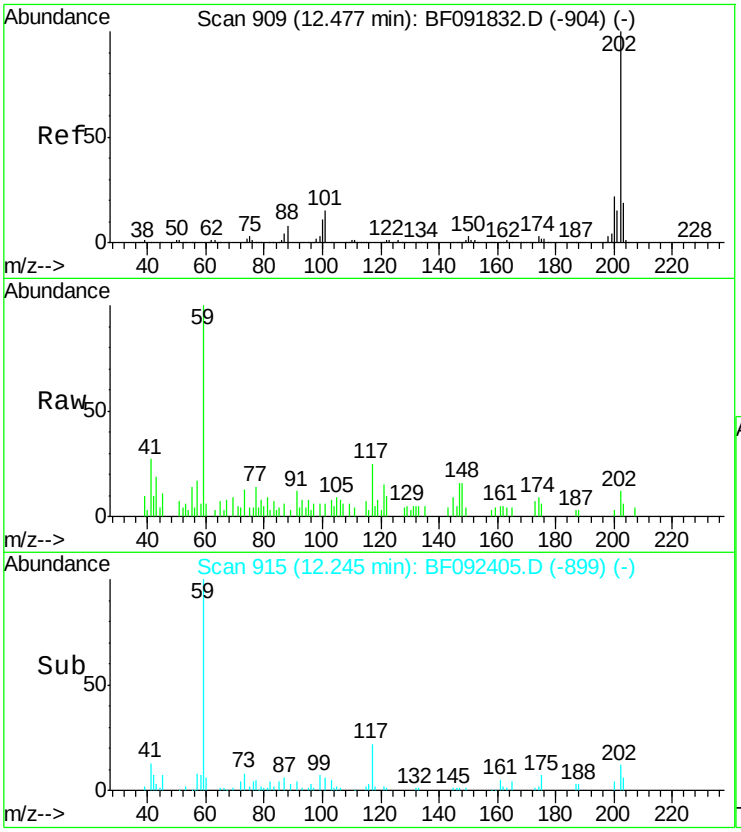


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.62 min Scan# 860
Delta R.T. -0.11 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Tgt Ion:149 Resp: 4962

Ion	Ratio	Lower	Upper
149	100		
150	18.0	8.1	12.1#
104	17.6	4.6	7.0#



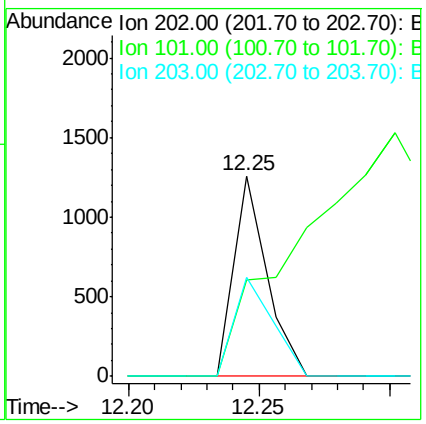


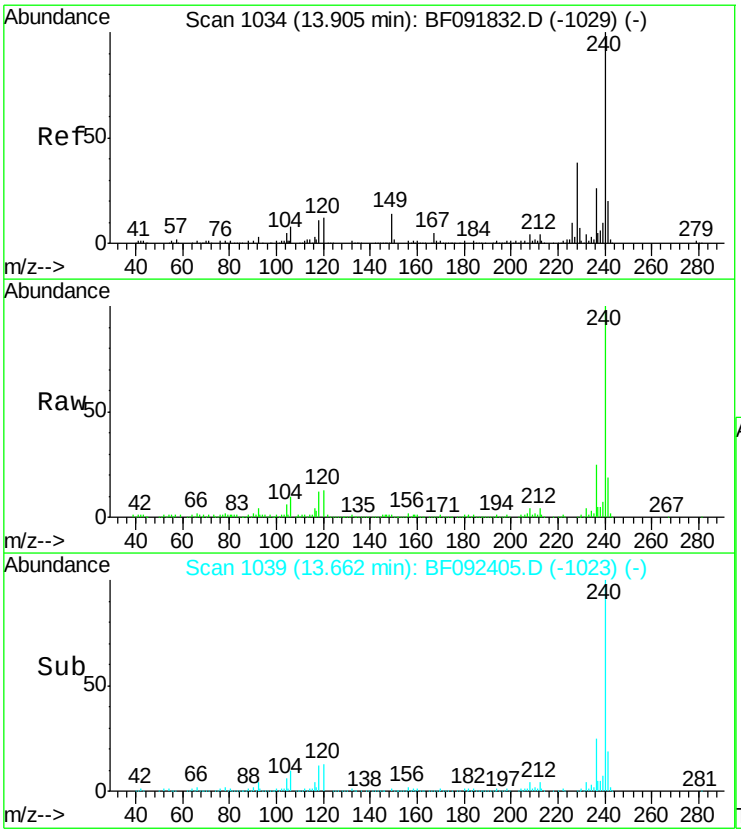
#74
Fluoranthene
Concen: Below Cal
RT: 12.25 min Scan# 915
Delta R.T. -0.12 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:202 Resp: 1117

Ion	Ratio	Lower	Upper
202	100		
101	47.8	0.0	34.6#
203	49.4	0.0	38.7#

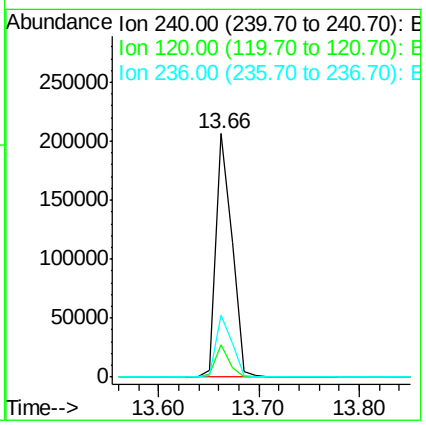


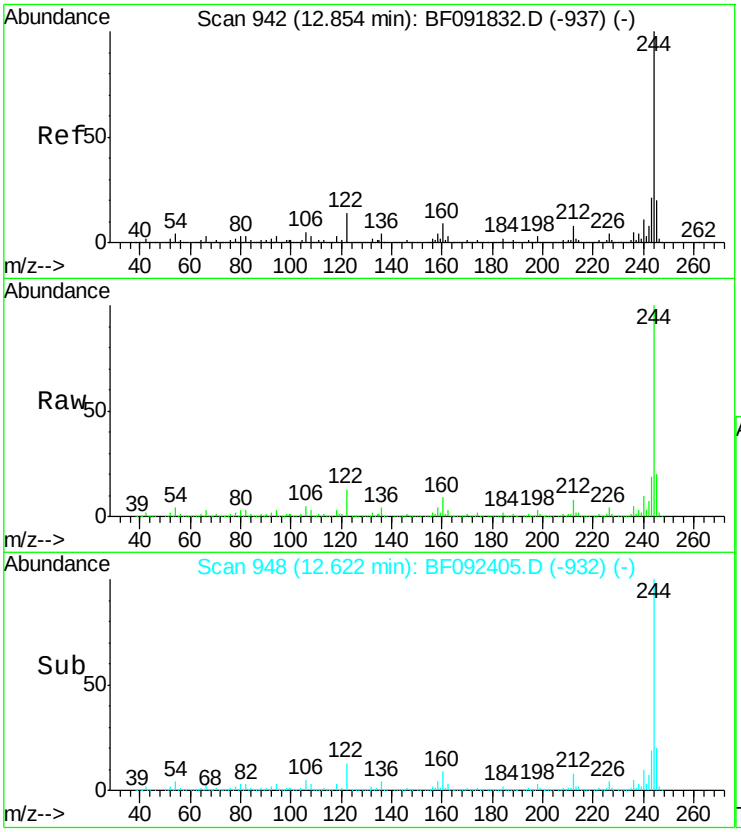


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1039
Delta R.T. -0.12 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Tgt Ion:240 Resp: 229713

Ion	Ratio	Lower	Upper
240	100		
120	13.3	12.9	19.3
236	25.3	20.9	31.3



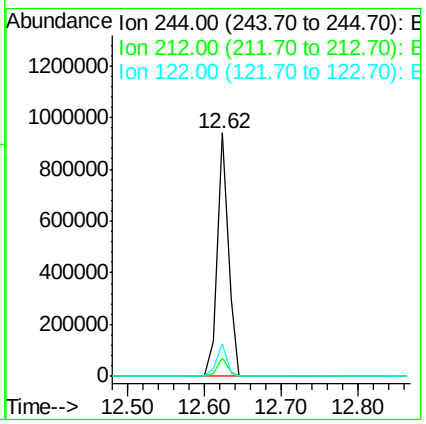


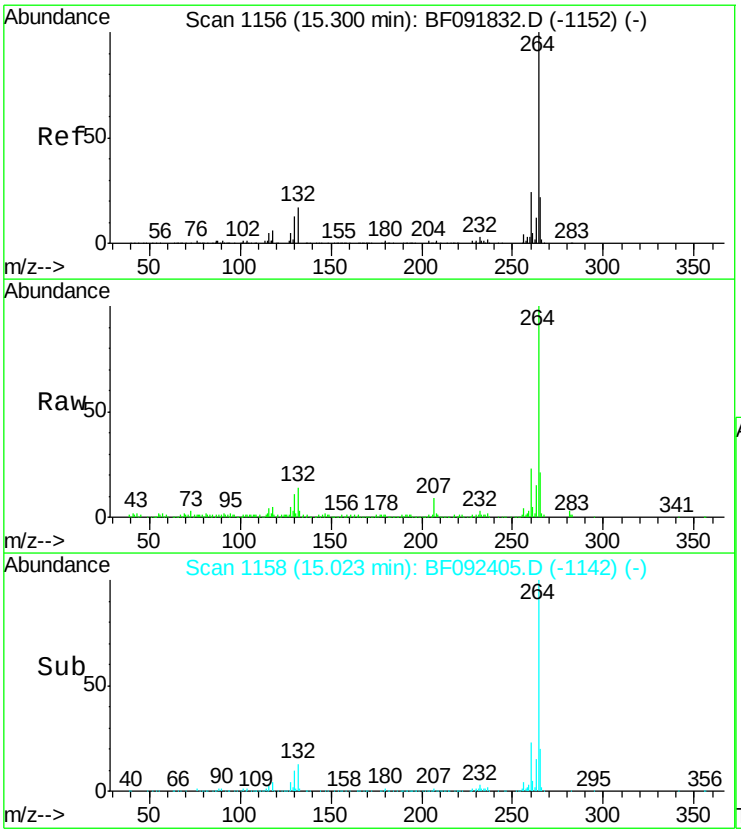
#78
Terphenyl-d14
Concen: 100.42 ng
RT: 12.62 min Scan# 948
Delta R.T. -0.12 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:244 Resp: 951178

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	13.2	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1158
Delta R.T. -0.12 min
Lab File: BF092405.D
Acq: 21 Jan 2017 8:48

Tgt Ion:264 Resp: 235773

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.8	17.4	26.0