Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092588.D
Acq On : 27 Jan 2017 20:59
Operator : SJ/MA
Sample : I1529-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ELT-SB-01-58-60

Quant Time: Jan 27 22:15:35 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164357	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	653498	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	379019	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	694385	20.00	ng	0.00
75) Chrysene-d12	14.17	240	624414	20.00	ng	0.00
86) Perylene-d12	15.65	264	497501	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1132761	107.23	ng	0.05
7) Phenol-d6	6.62	99	1688087	125.45	ng	0.03
23) Nitrobenzene-d5	7.54	82	939129	78.50	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	358328	138.73	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1845148	90.02	ng	0.00
78) Terphenyl-d14	13.12	244	1691923	72.15	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.64	94	59320	3.65	ng	# 61
19) n-Nitroso-di-n-propylamine	7.54	70	126143	13.77	ng	# 82
25) Isophorone	7.54	82	923766	39.18	ng	# 65
49) Dimethylphthalate	9.74	163	334365	13.87	ng	100
56) 2,4-Dinitrotoluene	10.03	165	47258	7.23	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.83	198	929	5.17	ng	# 1
66) 4-Bromophenyl-phenylether	10.83	248	27339	3.90	ng	# 1

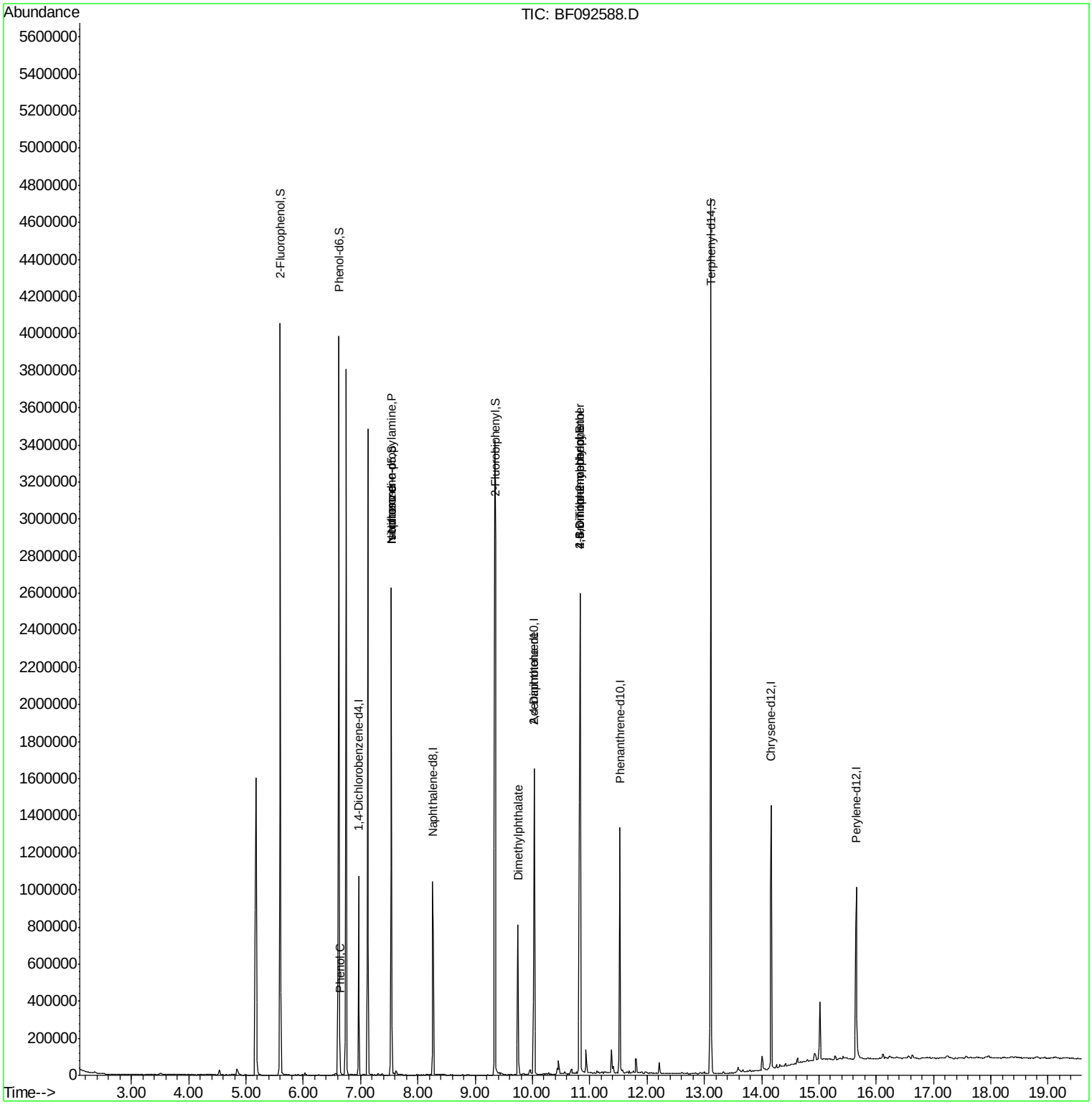
(#) = qualifier out of range (m) = manual integration (+) = signals summed

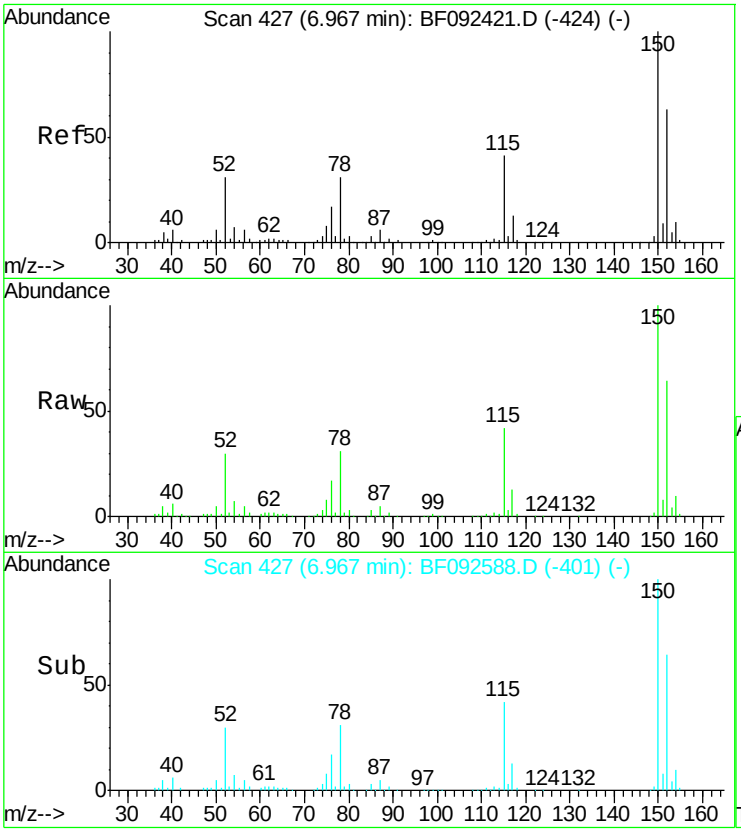
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092588.D
Acq On : 27 Jan 2017 20:59
Operator : SJ/MA
Sample : I1529-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-58-60

Quant Time: Jan 27 22:15:35 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration



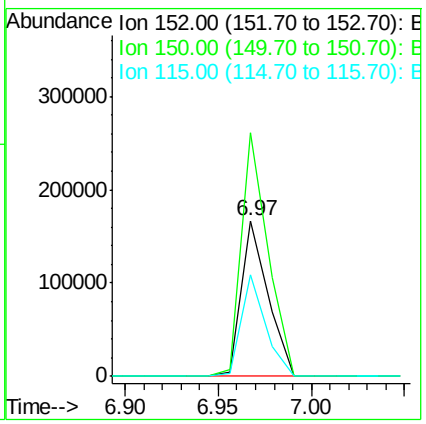


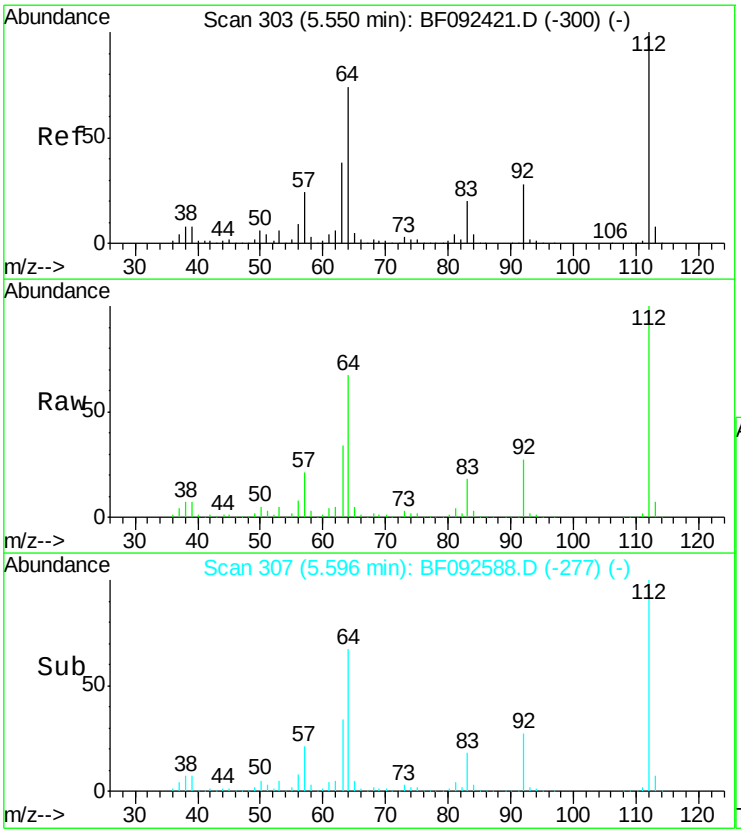
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-58-60

Tgt Ion:152 Resp: 164357

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.9	187.3
115	65.3	46.0	69.0

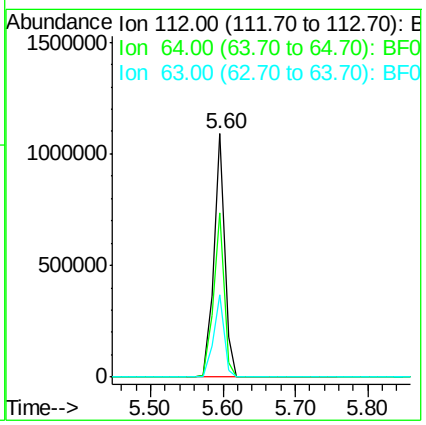


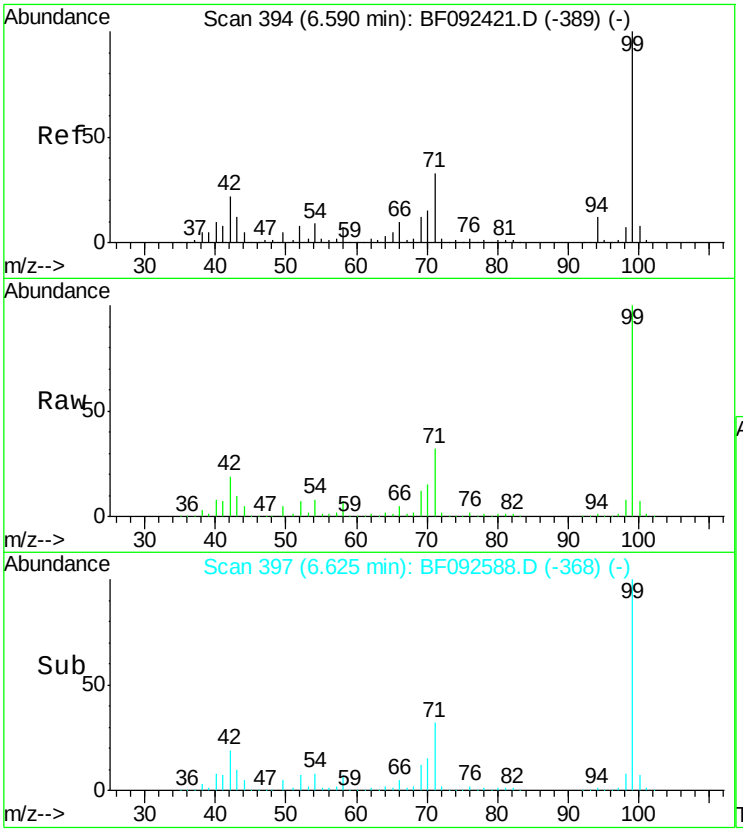


#5
2-Fluorophenol
Concen: 107.23 ng
RT: 5.60 min Scan# 307
Delta R.T. 0.05 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Tgt Ion:112 Resp: 1132761

Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.1	69.1
63	34.0	23.8	35.6



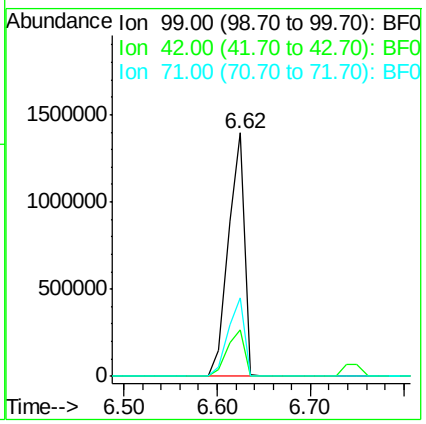


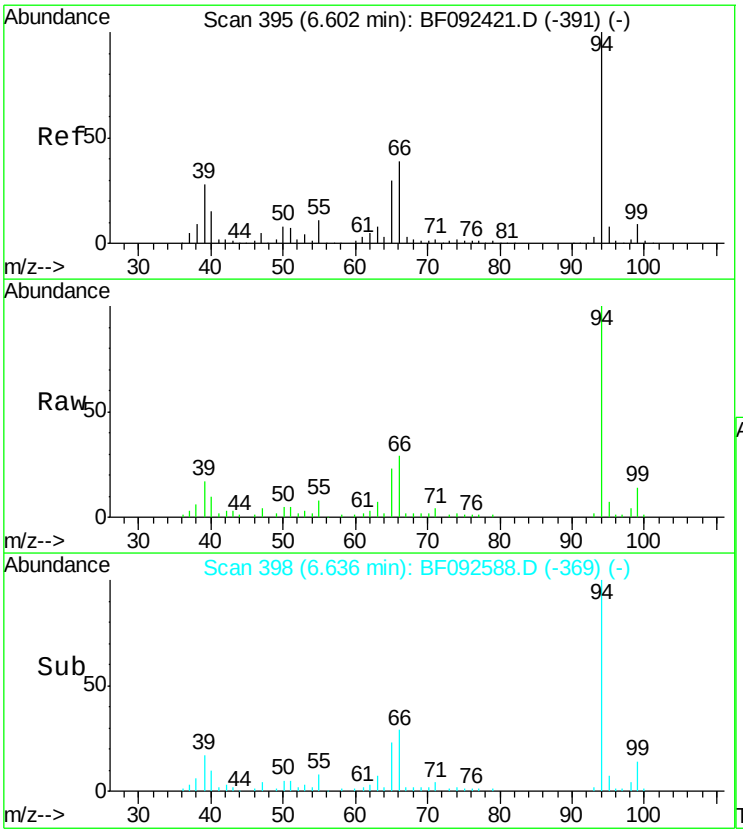
#7
Phenol-d6
Concen: 125.45 ng
RT: 6.62 min Scan# 397
Delta R.T. 0.03 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-58-60

Tgt Ion: 99 Resp: 1688087

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.6	23.4
71	32.2	27.5	41.3

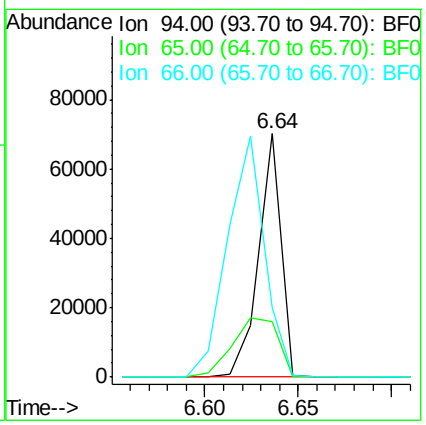


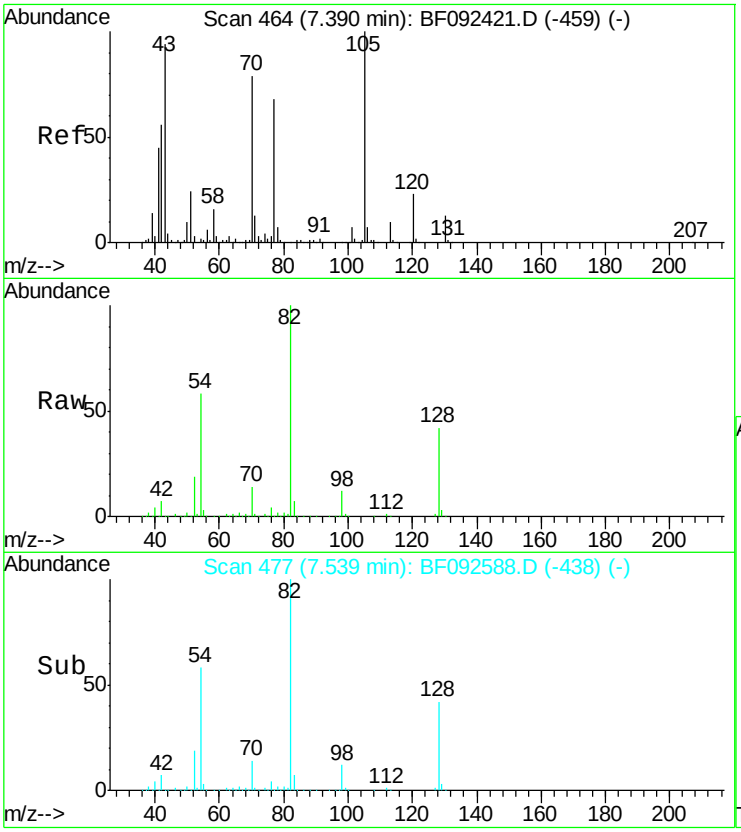


#10
Phenol
Concen: 3.65 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.03 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Tgt Ion: 94 Resp: 59320

Ion	Ratio	Lower	Upper
94	100		
65	23.0	21.4	61.4
66	28.7	44.0	84.0#



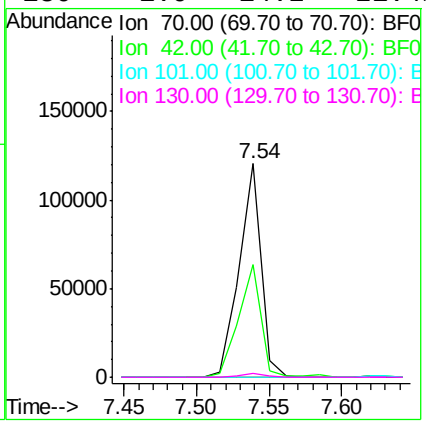


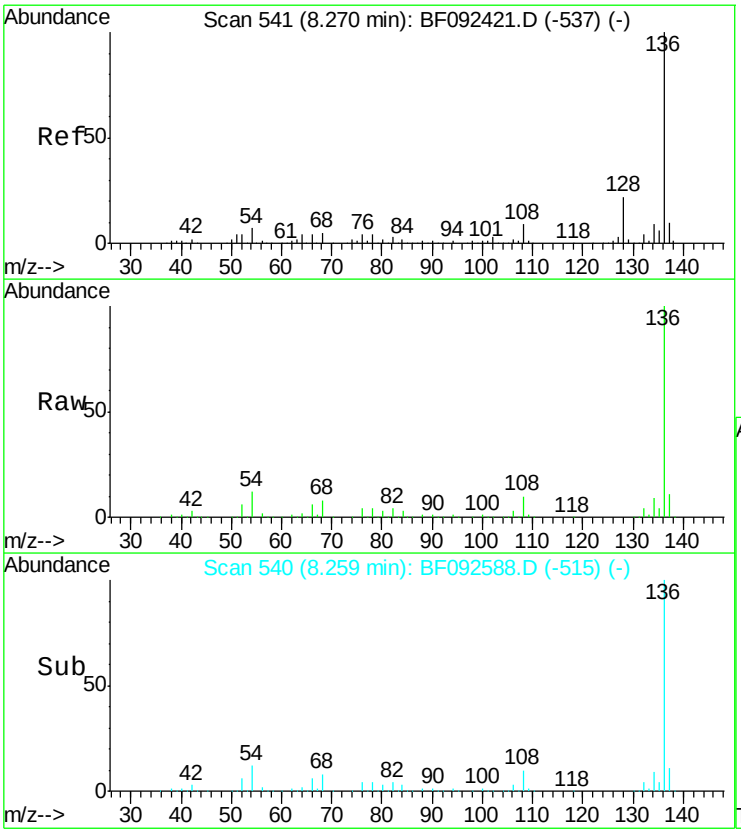
#19
n-Nitroso-di-n-propylamine
Concen: 13.77 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-58-60

Tgt Ion: 70 Resp: 126143

Ion	Ratio	Lower	Upper
70	100		
42	53.0	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#

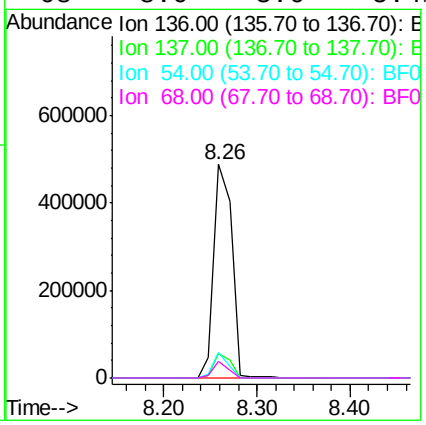


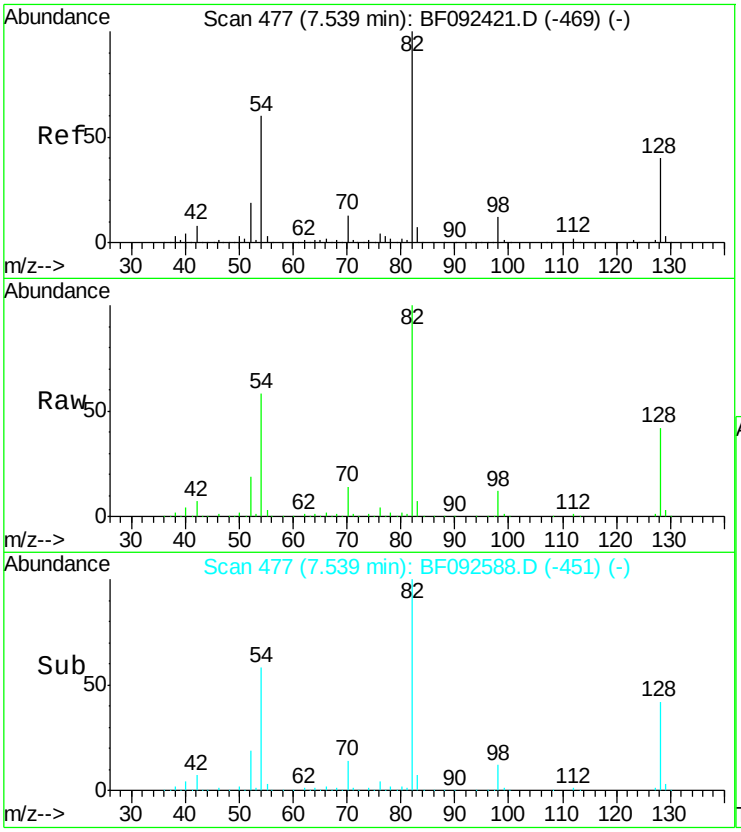


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Tgt Ion:136 Resp: 653498

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	12.0	4.5	6.7#
68	8.0	3.6	5.4#



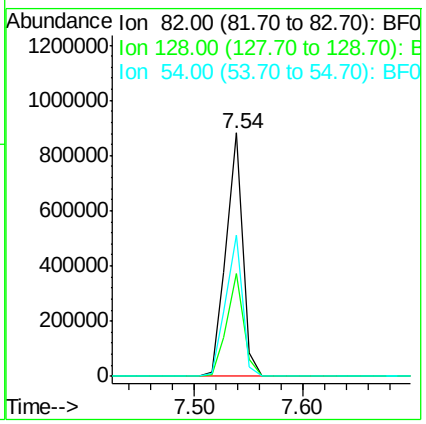


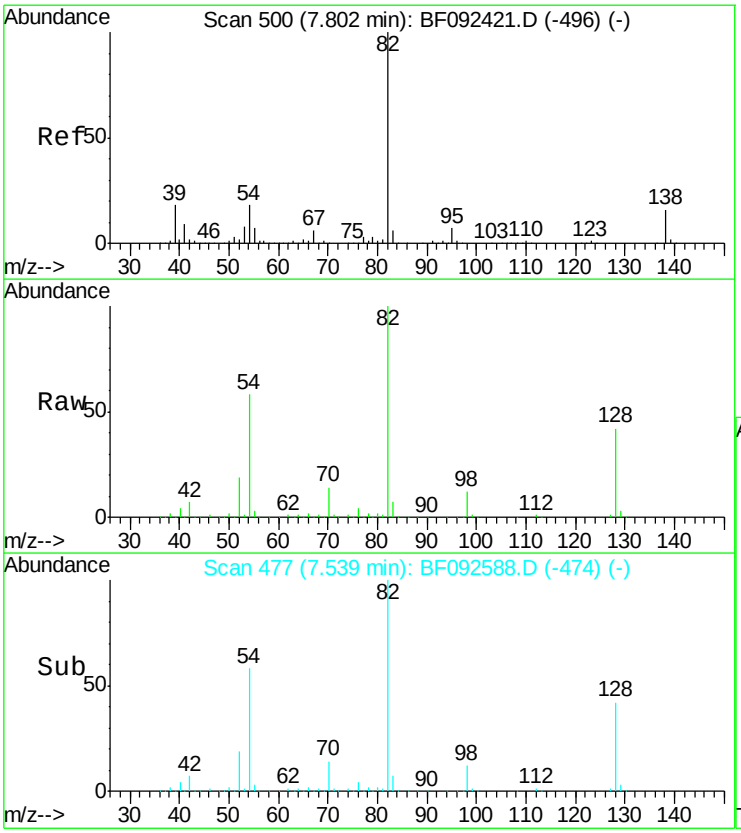
#23
Nitrobenzene-d5
Concen: 78.50 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-58-60

Tgt Ion: 82 Resp: 939129

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	58.1	39.5	59.3

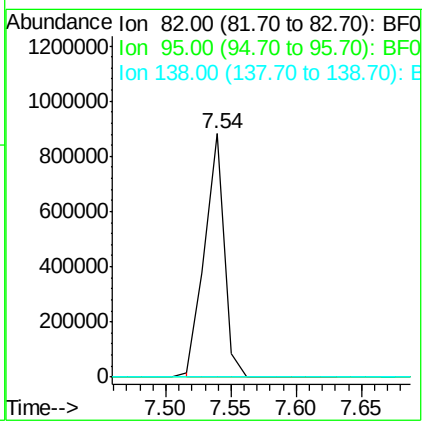


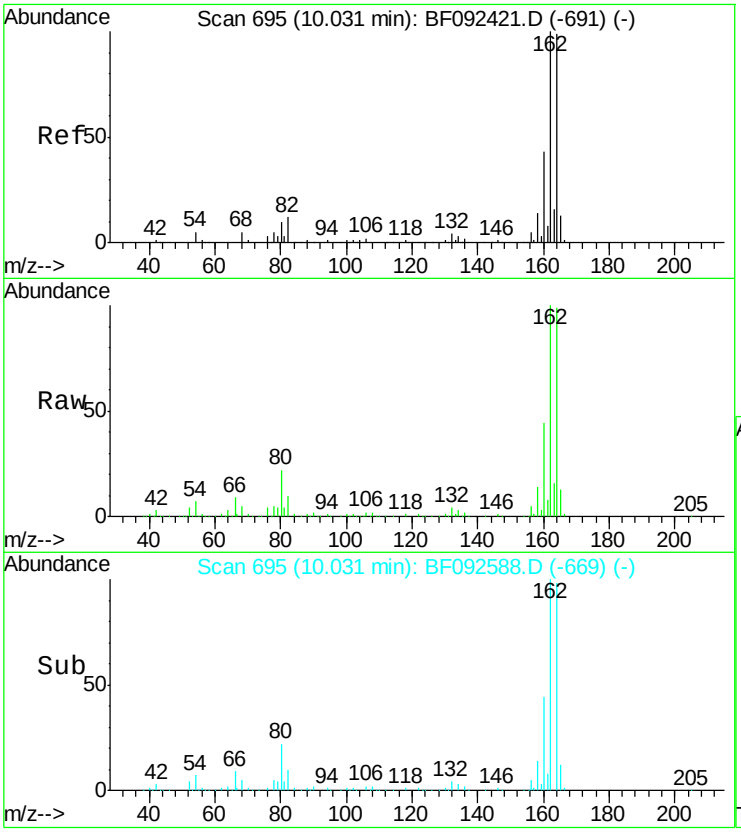


#25
Isophorone
Concen: 39.18 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Tgt Ion: 82 Resp: 923766

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



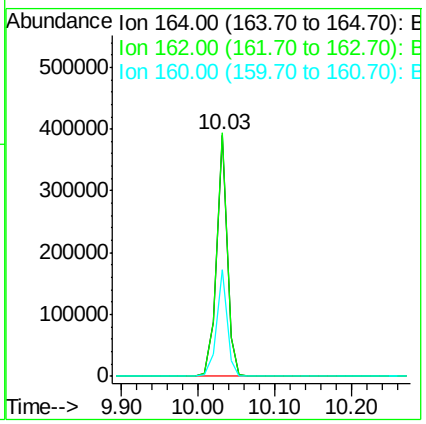


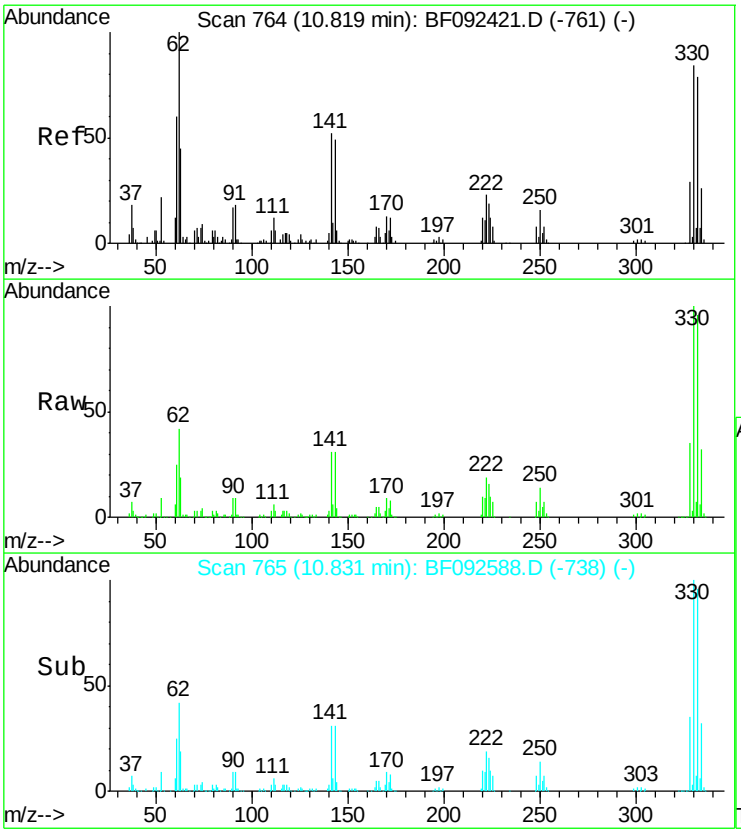
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-58-60

Tgt Ion:164 Resp: 379019

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	44.0	36.9	55.3

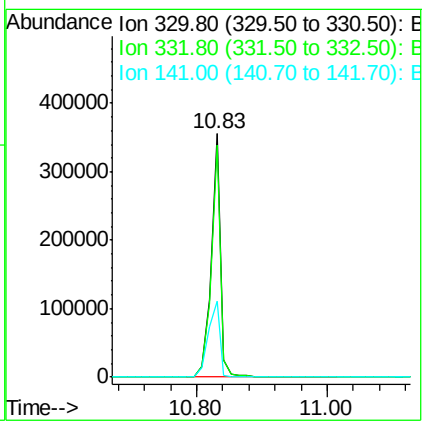


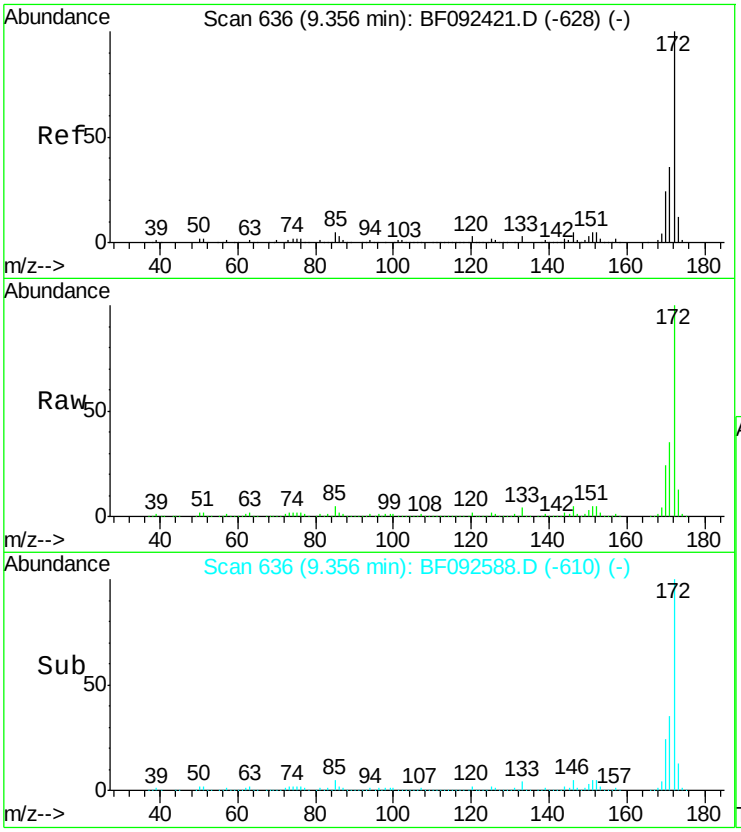


#41
2,4,6-Tribromophenol
Concen: 138.73 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Tgt Ion:330 Resp: 358328

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	39.4	34.1	51.1



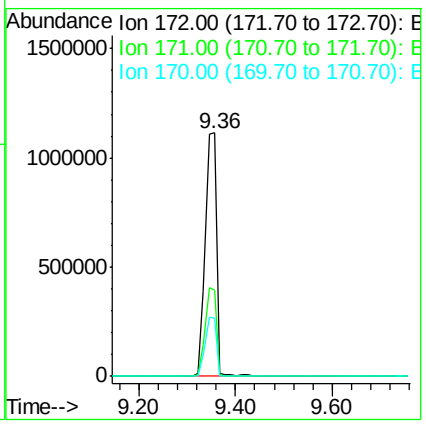


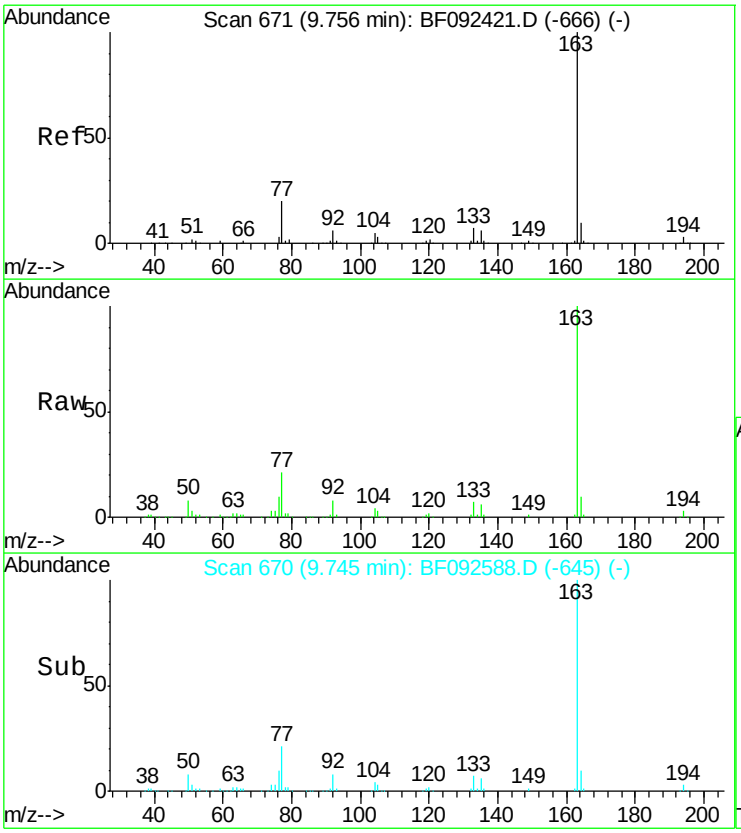
#44
2-Fluorobiphenyl
Concen: 90.02 ng
RT: 9.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-58-60

Tgt Ion:172 Resp: 1845148

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.9	20.2	30.4

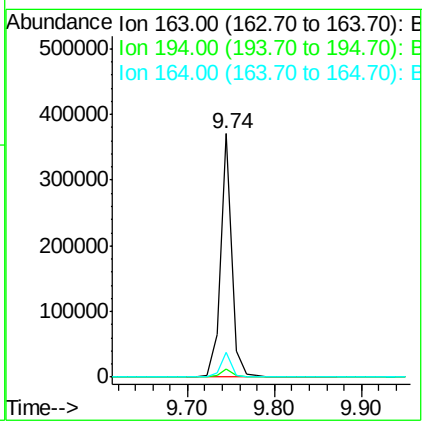


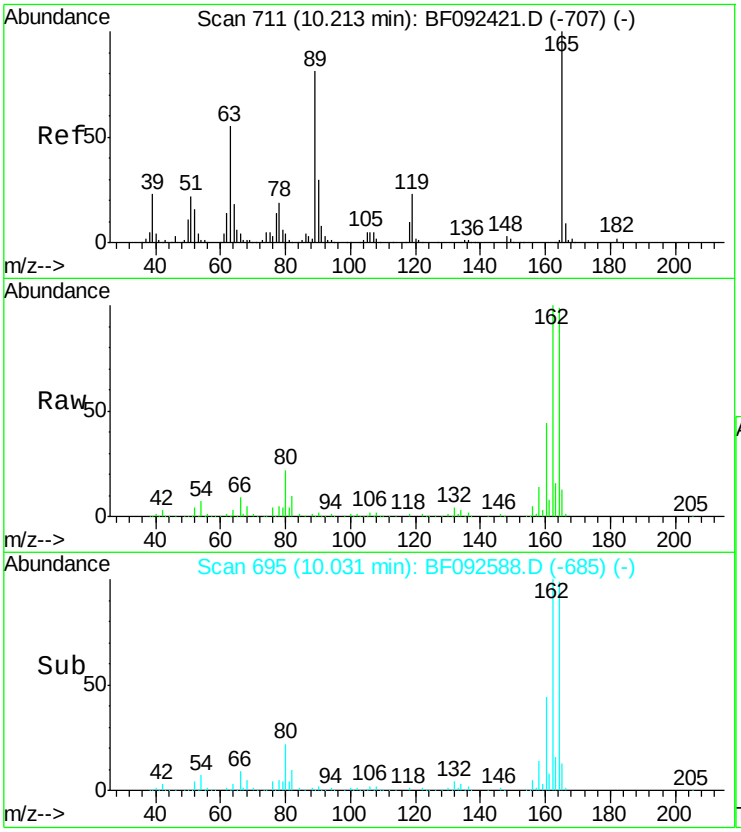


#49
Dimethylphthalate
Concen: 13.87 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Tgt Ion:163 Resp: 334365

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.0	8.0	12.0



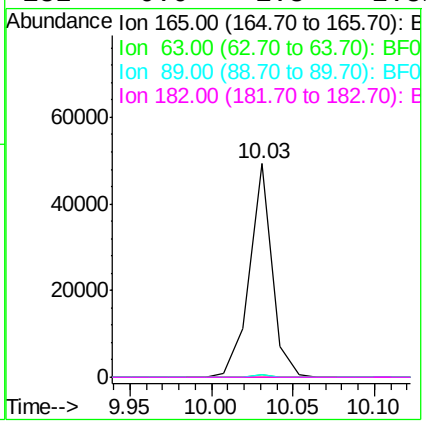


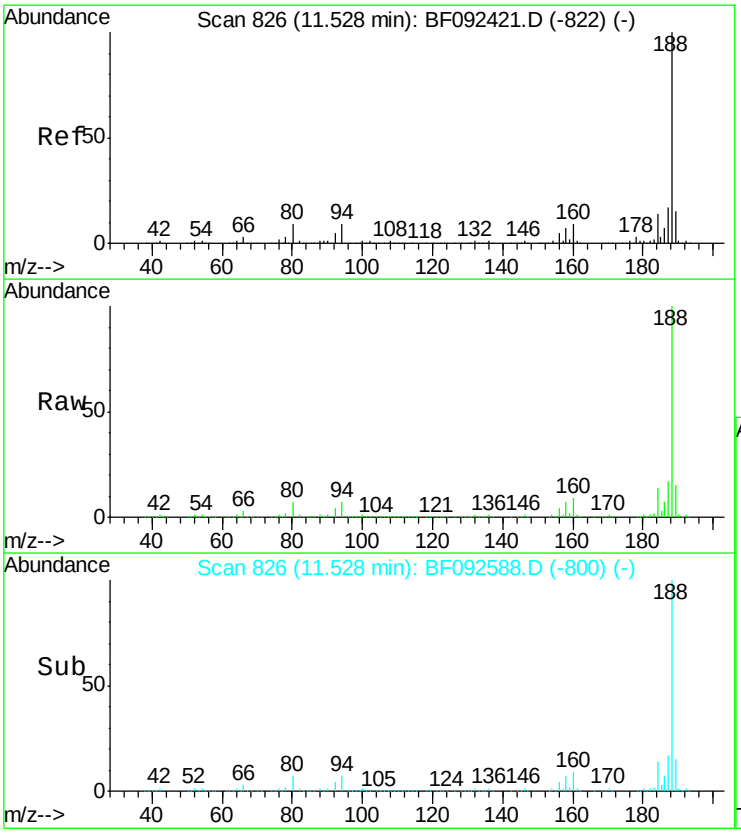
#56
2,4-Dinitrotoluene
Concen: 7.23 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-58-60

Tgt Ion:165 Resp: 47258

Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#

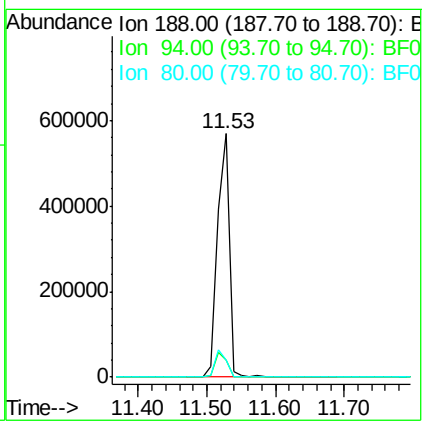


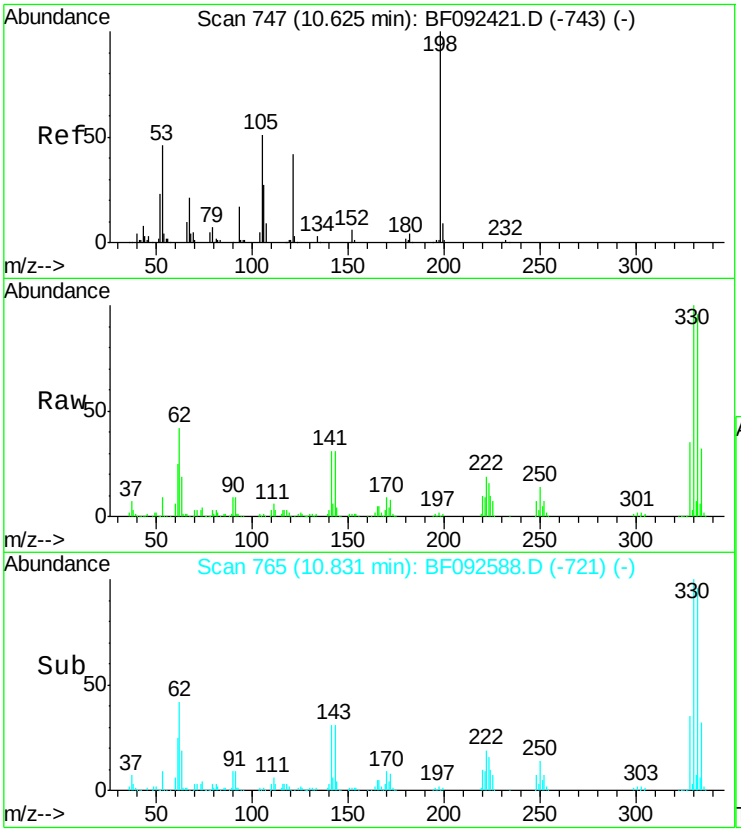


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Tgt Ion:188 Resp: 694385

Ion	Ratio	Lower	Upper
188	100		
94	7.1	10.0	15.0#
80	7.2	11.2	16.8#



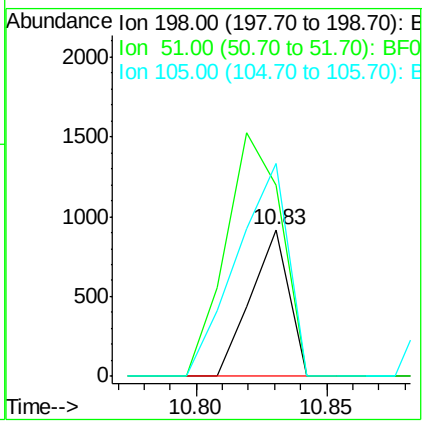


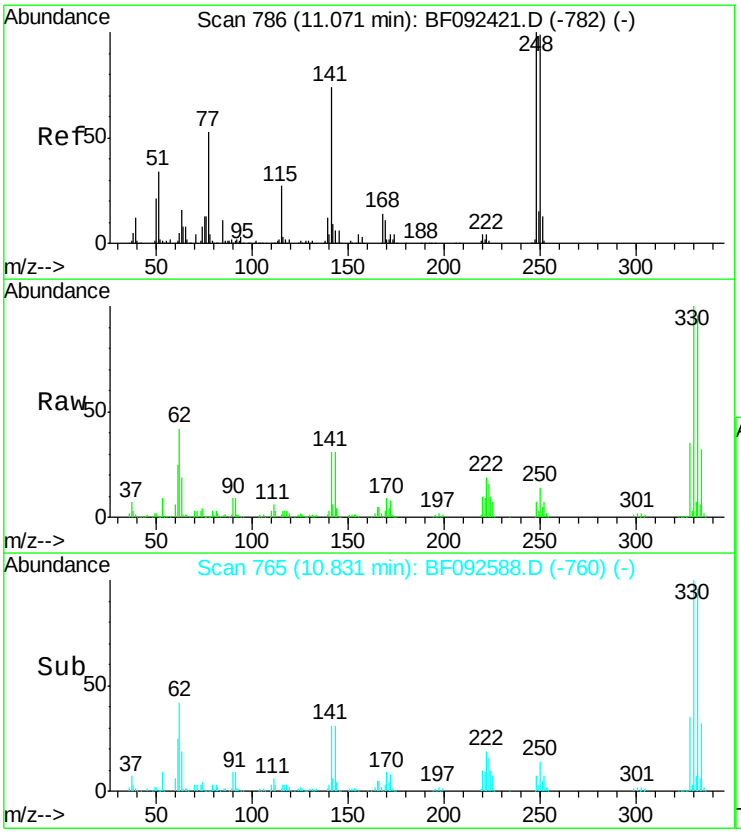
#64
4,6-Dinitro-2-methylphenol
Concen: 5.17 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.21 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-58-60

Tgt Ion:198 Resp: 929

Ion	Ratio	Lower	Upper
198	100		
51	130.6	6.7	46.7#
105	145.1	16.6	56.6#

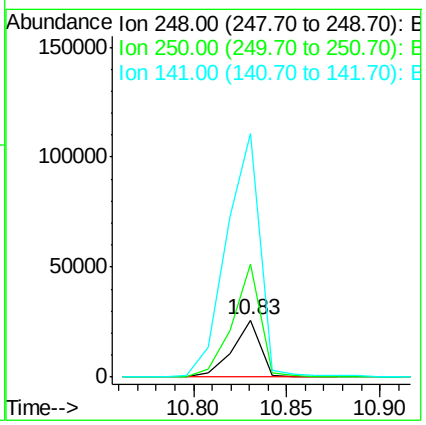


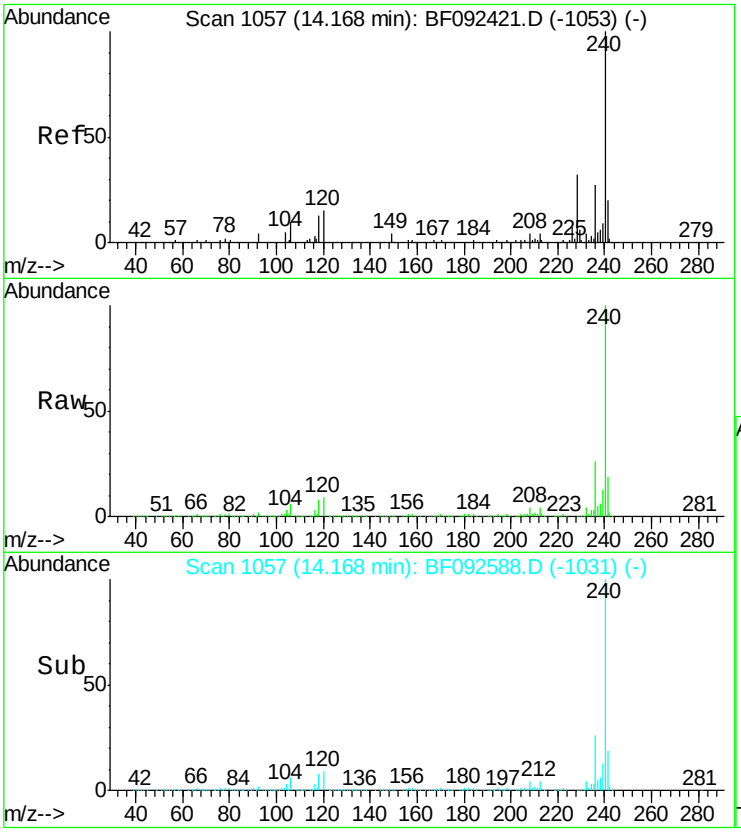


#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.24 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Tgt Ion:248 Resp: 27339

Ion	Ratio	Lower	Upper
248	100		
250	196.8	76.9	115.3#
141	426.1	68.2	102.4#



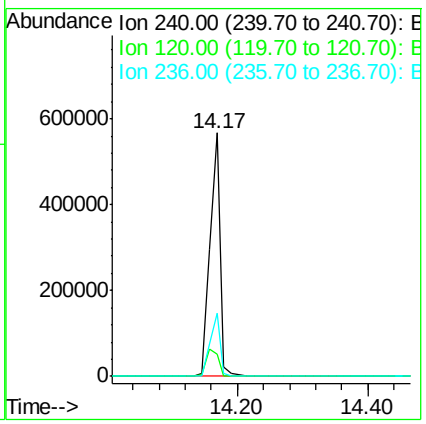


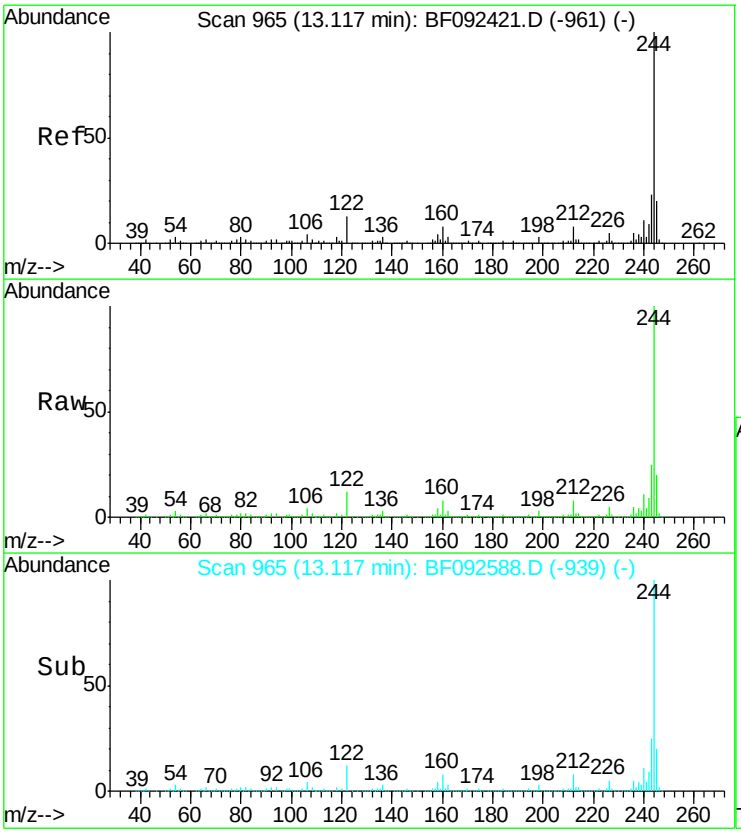
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-58-60

Tgt Ion:240 Resp: 624414

Ion	Ratio	Lower	Upper
240	100		
120	8.9	12.9	19.3#
236	25.9	20.9	31.3

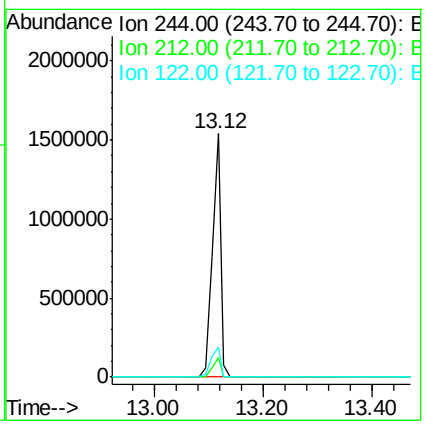


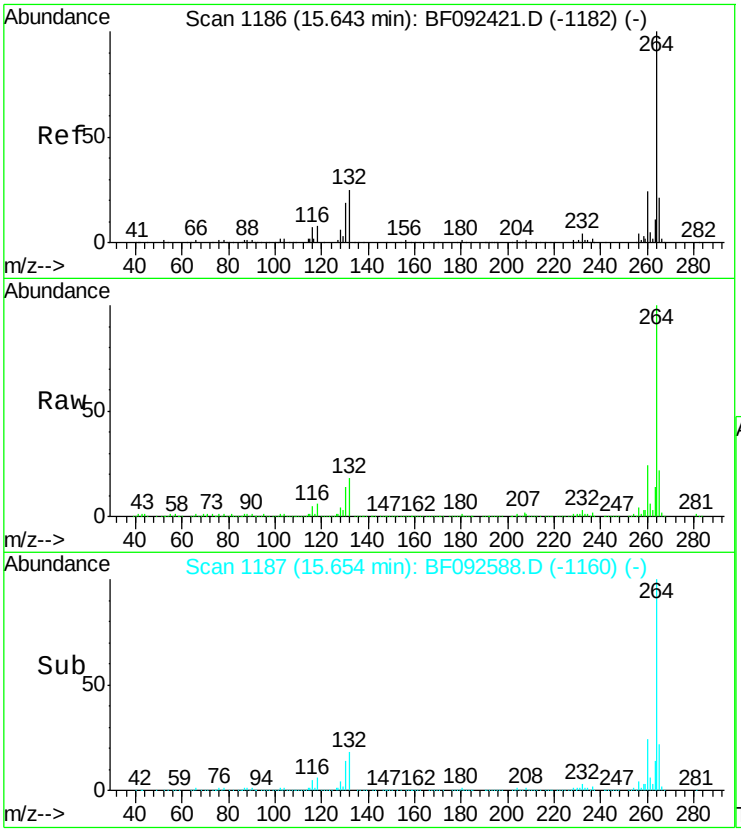


#78
Terphenyl-d14
Concen: 72.15 ng
RT: 13.12 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Tgt Ion:244 Resp: 1691923

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	12.2	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092588.D
Acq: 27 Jan 2017 20:59

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-58-60

Tgt Ion:264 Resp: 497501

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.9	17.4	26.0