Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092589.D
Acq On : 27 Jan 2017 21:26
Operator : SJ/MA
Sample : I1529-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ELT-BL-0-2

Quant Time: Jan 27 22:15:52 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	159906	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	644482	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	385715	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	639090	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	576511	20.00	ng	0.00
86) Perylene-d12	15.65	264	433591	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1379327	134.20	ng	0.05
7) Phenol-d6	6.62	99	1792095	136.89	ng	0.03
23) Nitrobenzene-d5	7.54	82	1068417	90.56	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	411862	156.69	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	2143350	102.75	ng	0.00
78) Terphenyl-d14	13.12	244	1833882	84.71	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.64	94	82504	5.22	ng	# 65
19) n-Nitroso-di-n-propylamine	7.54	70	141442	15.87	ng	# 83
25) Isophorone	7.54	82	1058106	45.51	ng	# 65
49) Dimethylphthalate	9.74	163	403844	16.46	ng	99
56) 2,4-Dinitrotoluene	10.03	165	49830	7.49	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.83	198	1112	5.24	ng	# 1
66) 4-Bromophenyl-phenylether	10.83	248	32462	5.03	ng	# 1

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
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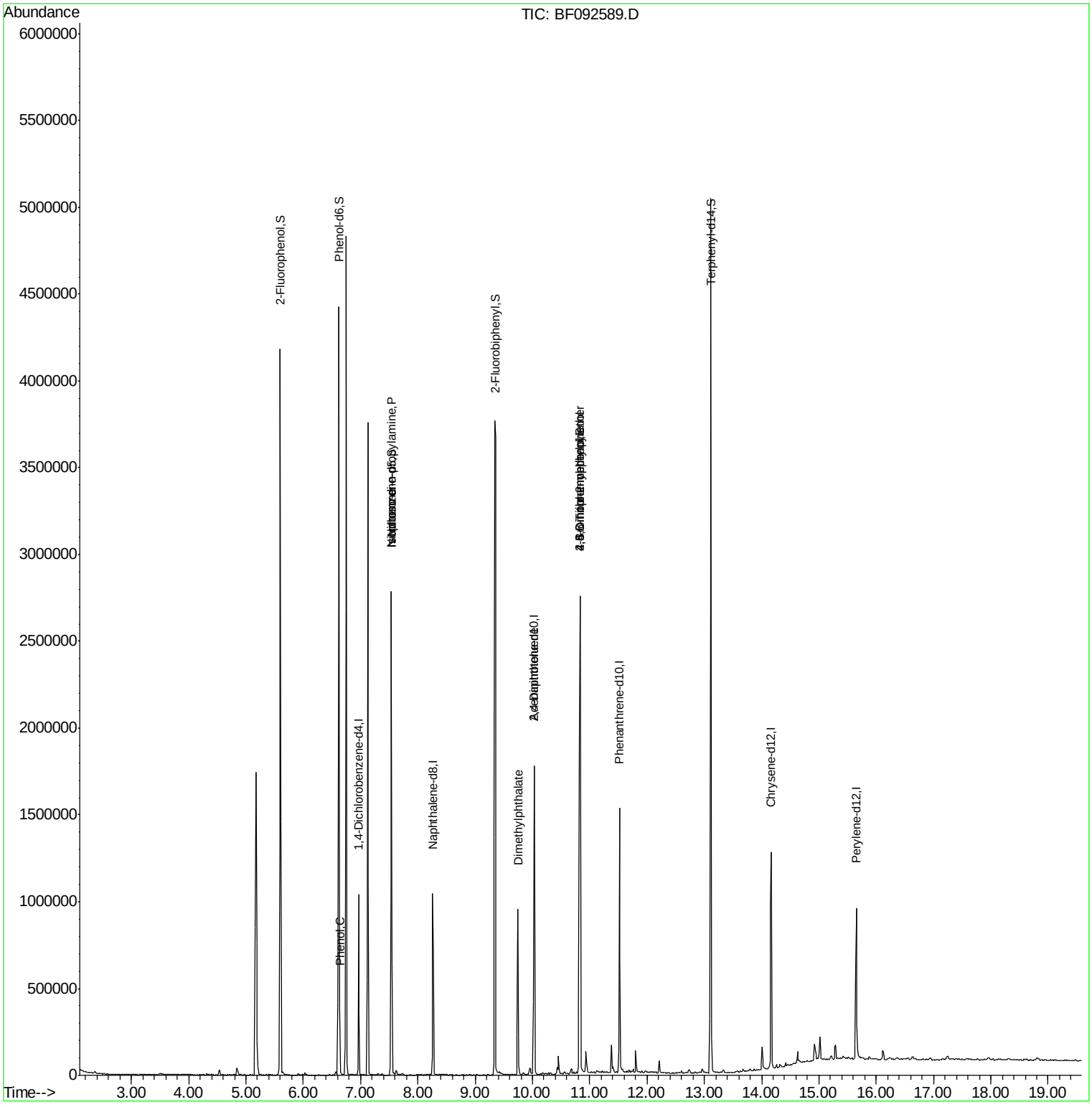
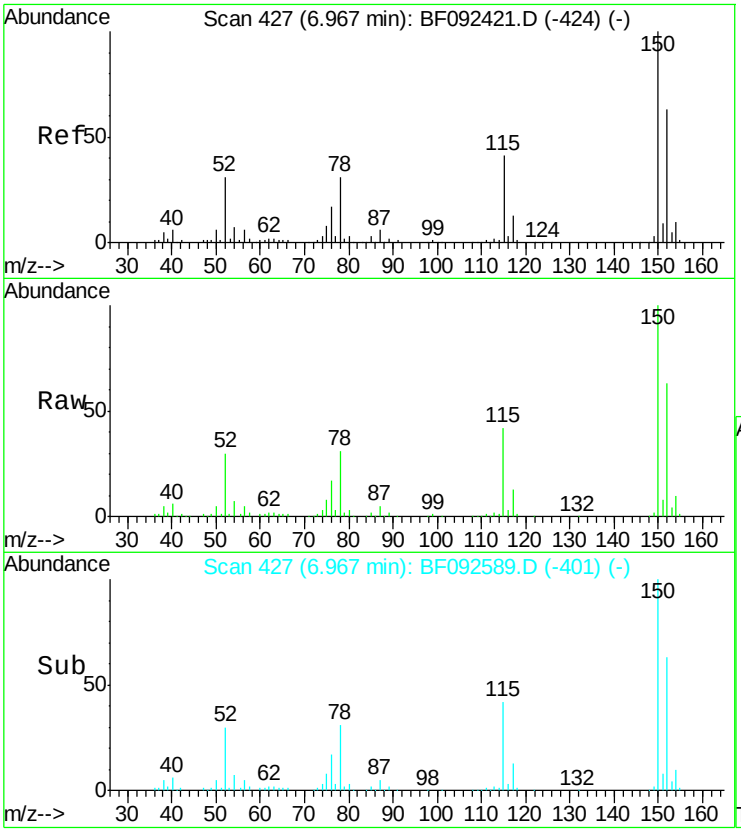


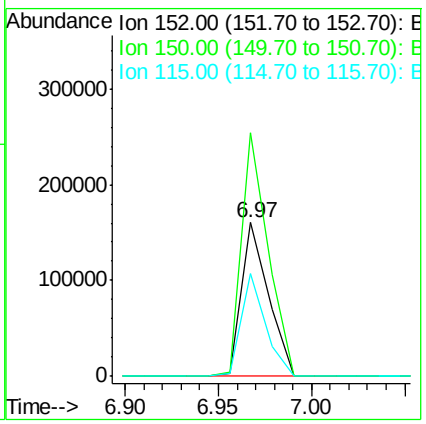


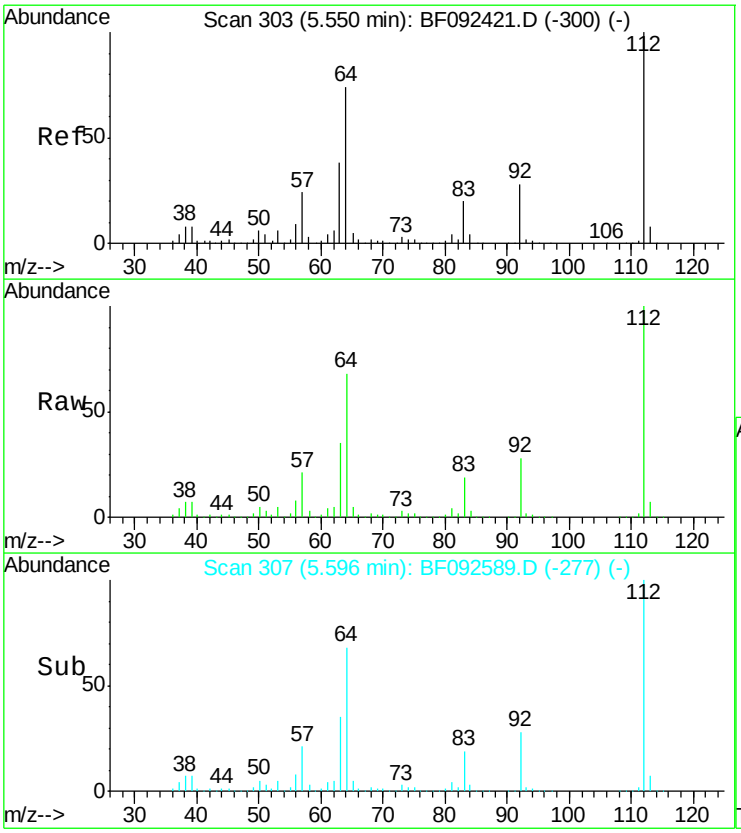
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
ELT-BL-0-2

Tgt Ion:152 Resp: 159906

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.9	187.3
115	66.6	46.0	69.0

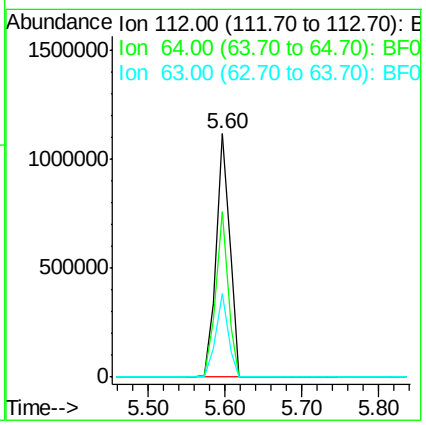


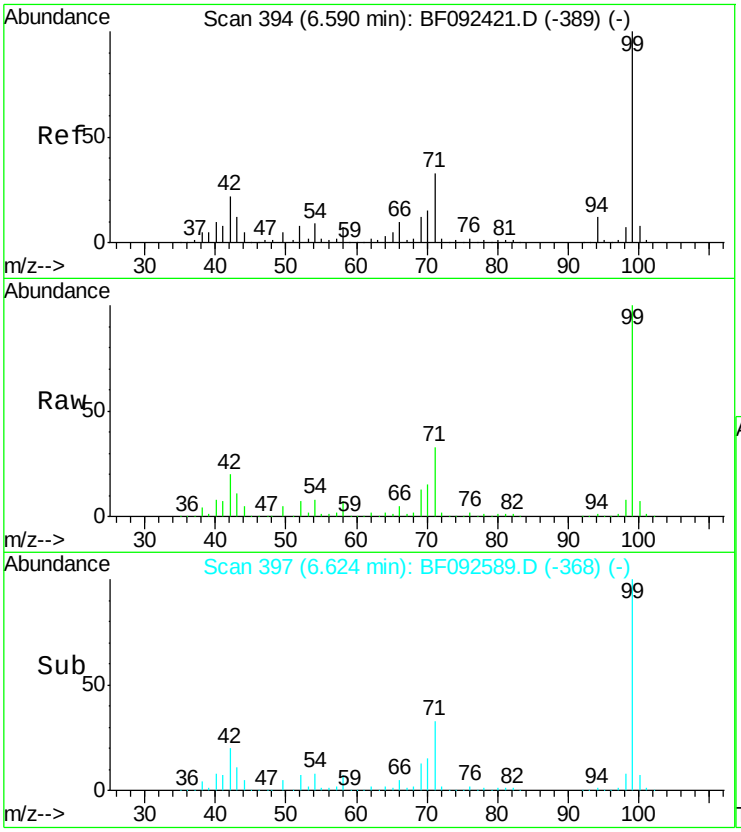


#5
2-Fluorophenol
Concen: 134.20 ng
RT: 5.60 min Scan# 307
Delta R.T. 0.05 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Tgt Ion:112 Resp: 1379327

Ion	Ratio	Lower	Upper
112	100		
64	67.7	46.1	69.1
63	34.6	23.8	35.6



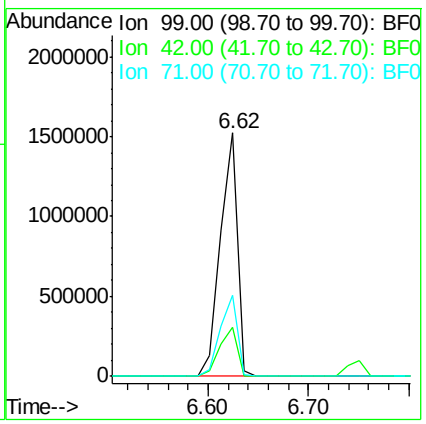


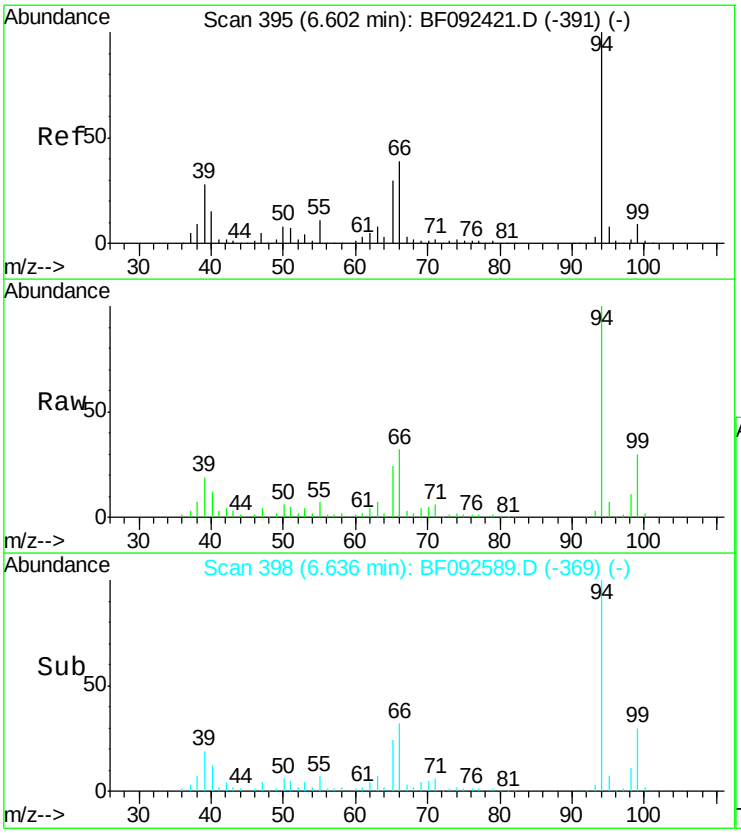
#7
Phenol-d6
Concen: 136.89 ng
RT: 6.62 min Scan# 397
Delta R.T. 0.03 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
ELT-BL-0-2

Tgt Ion: 99 Resp: 1792095

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.6	23.4
71	33.5	27.5	41.3

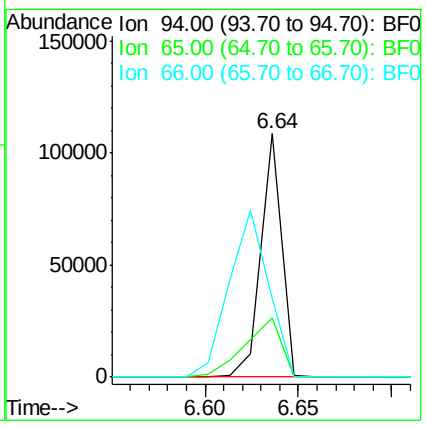


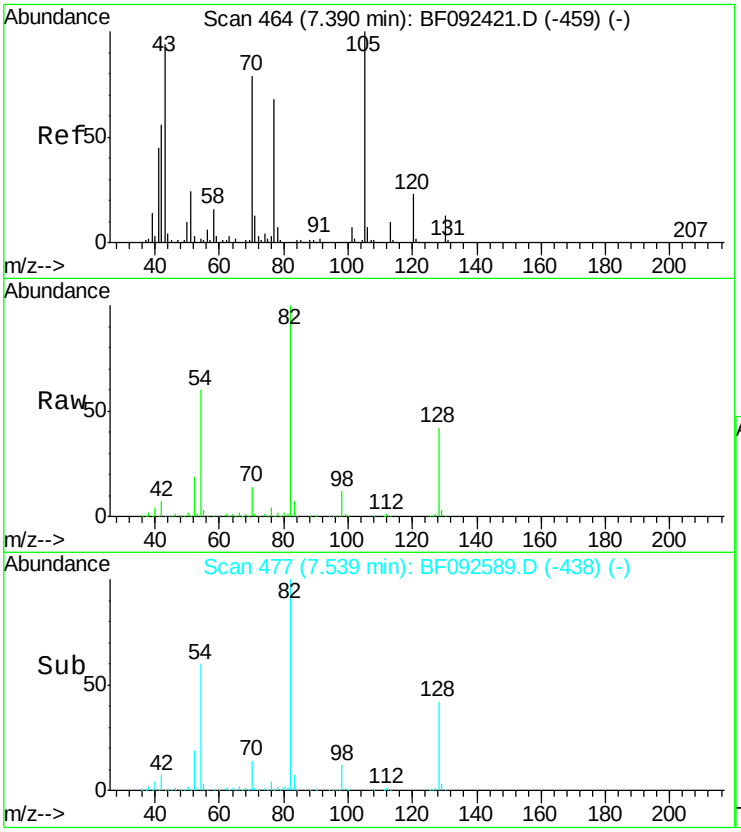


#10
Phenol
Concen: 5.22 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.03 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Tgt Ion: 94 Resp: 82504

Ion	Ratio	Lower	Upper
94	100		
65	24.3	21.4	61.4
66	32.1	44.0	84.0#



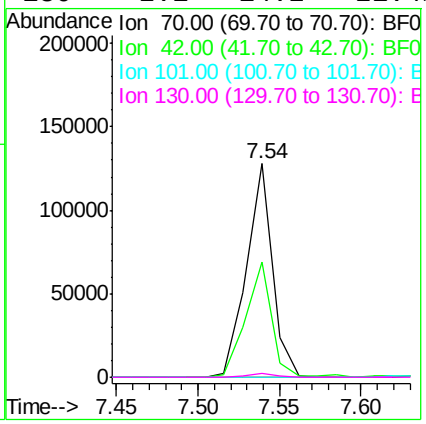


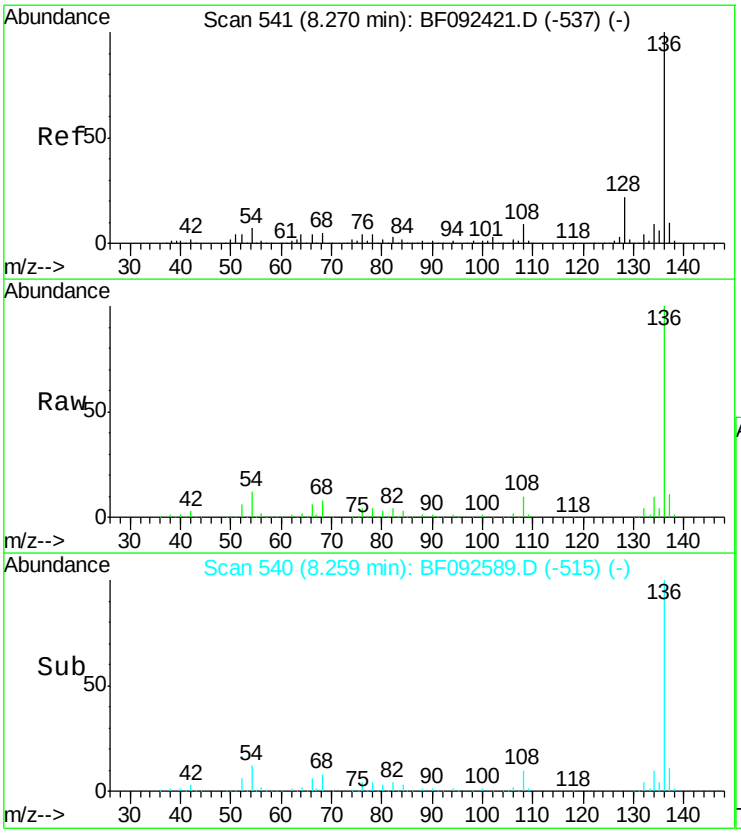
#19
n-Nitroso-di-n-propylamine
Concen: 15.87 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
ELT-BL-0-2

Tgt Ion: 70 Resp: 141442

Ion	Ratio	Lower	Upper
70	100		
42	54.2	49.4	74.0
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

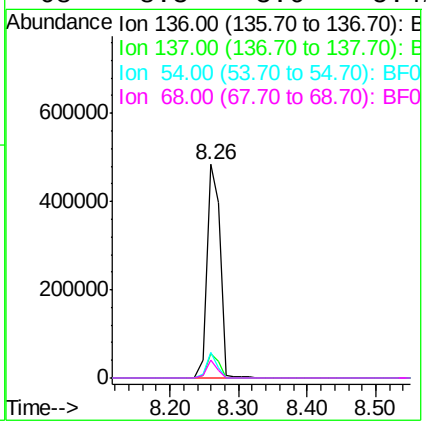


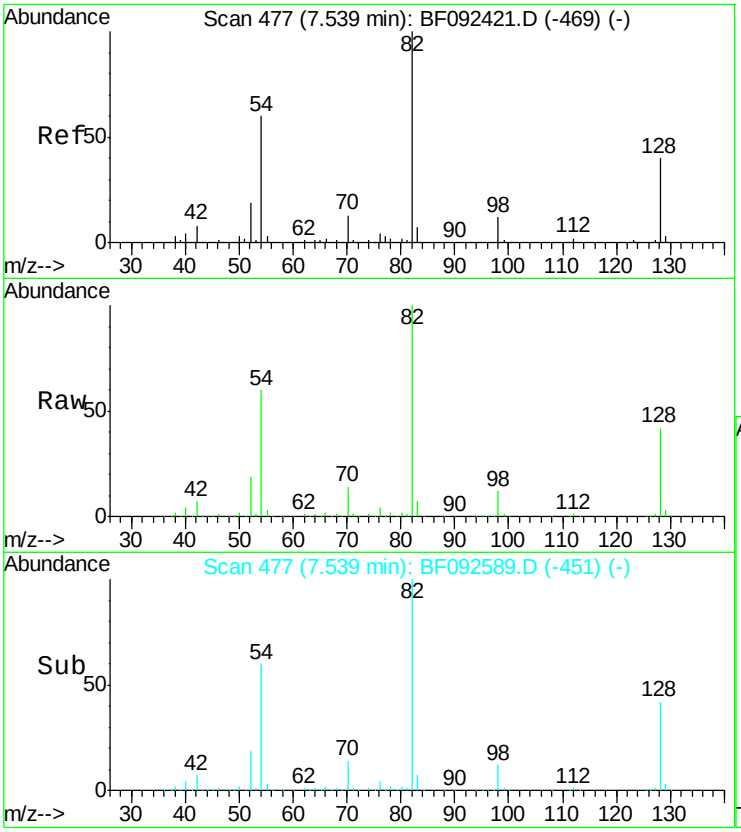


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Tgt Ion:136 Resp: 644482

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	12.3	4.5	6.7#
68	8.3	3.6	5.4#



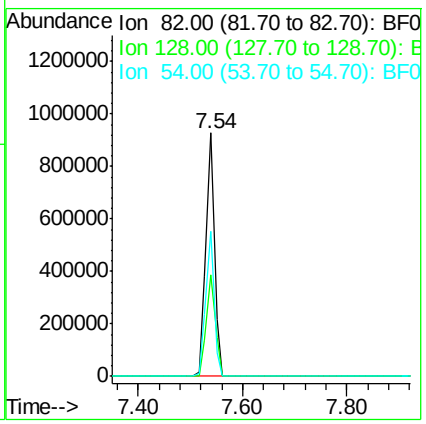


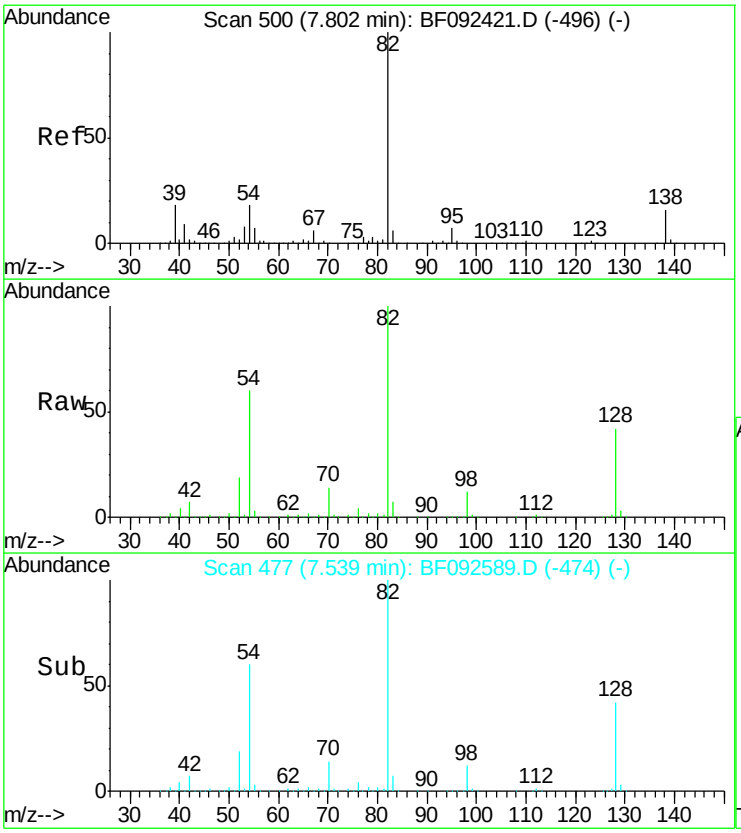
#23
Nitrobenzene-d5
Concen: 90.56 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
ELT-BL-0-2

Tgt Ion: 82 Resp: 1068417

Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	59.7	39.5	59.3#

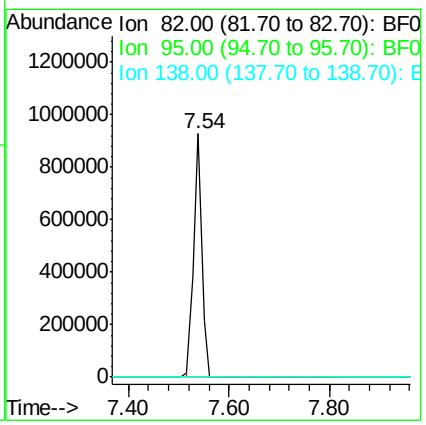


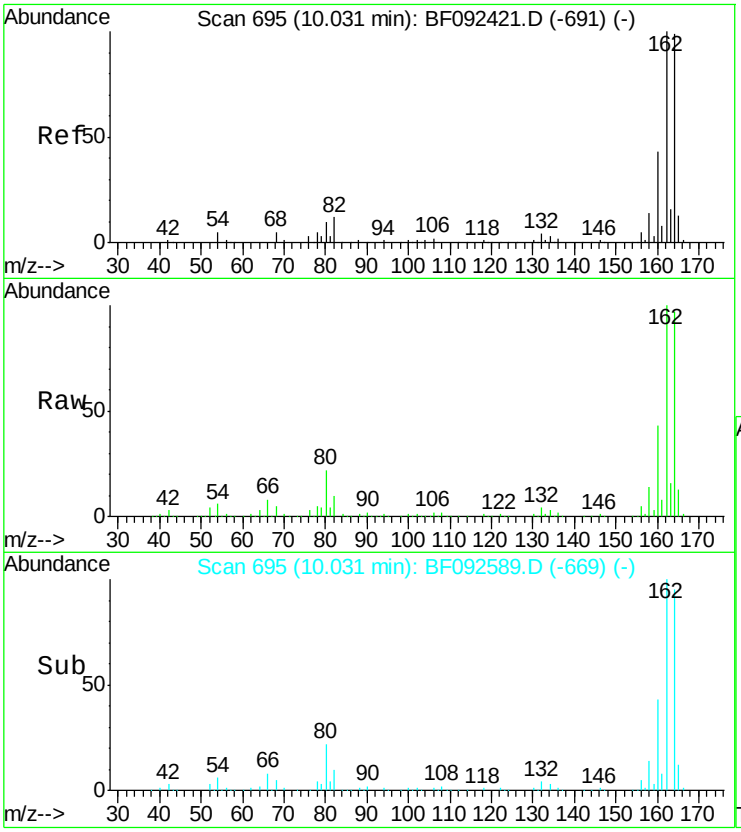


#25
Isophorone
Concen: 45.51 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Tgt Ion: 82 Resp: 1058106

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



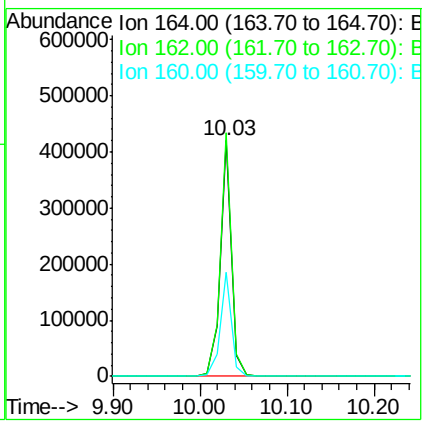


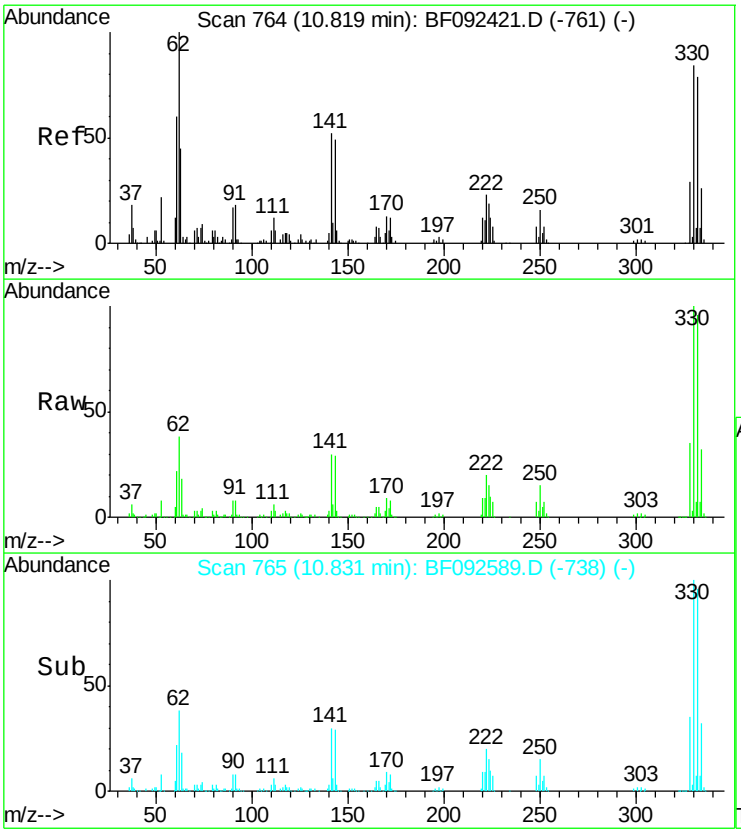
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
ELT-BL-0-2

Tgt Ion:164 Resp: 385715

Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.2	120.2
160	44.1	36.9	55.3

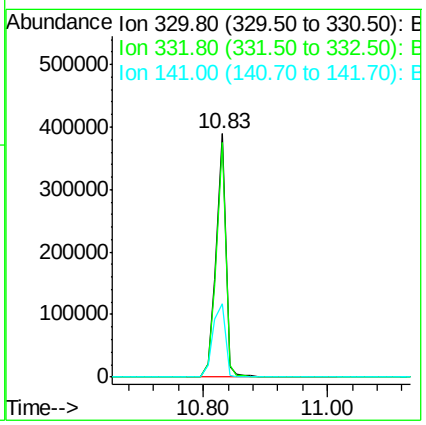


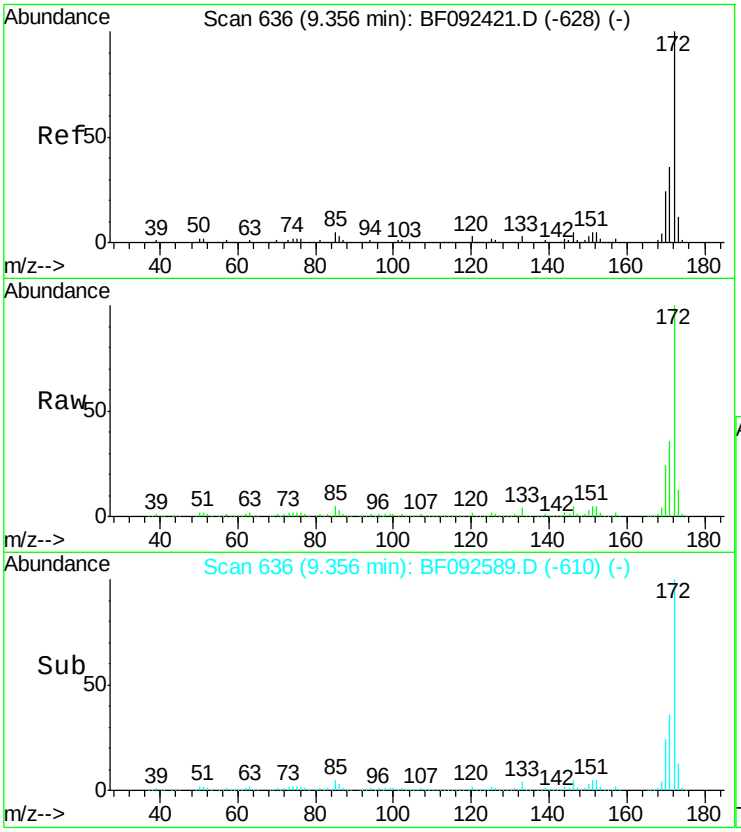


#41
2,4,6-Tribromophenol
Concen: 156.69 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Tgt Ion:330 Resp: 411862

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	39.6	34.1	51.1



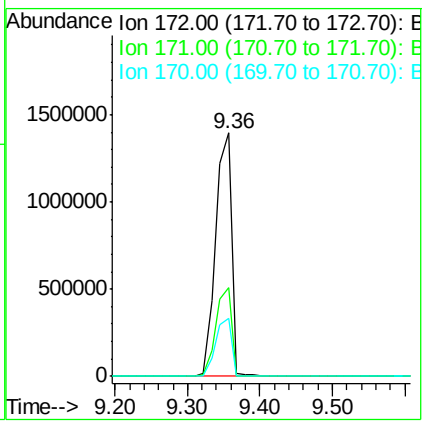


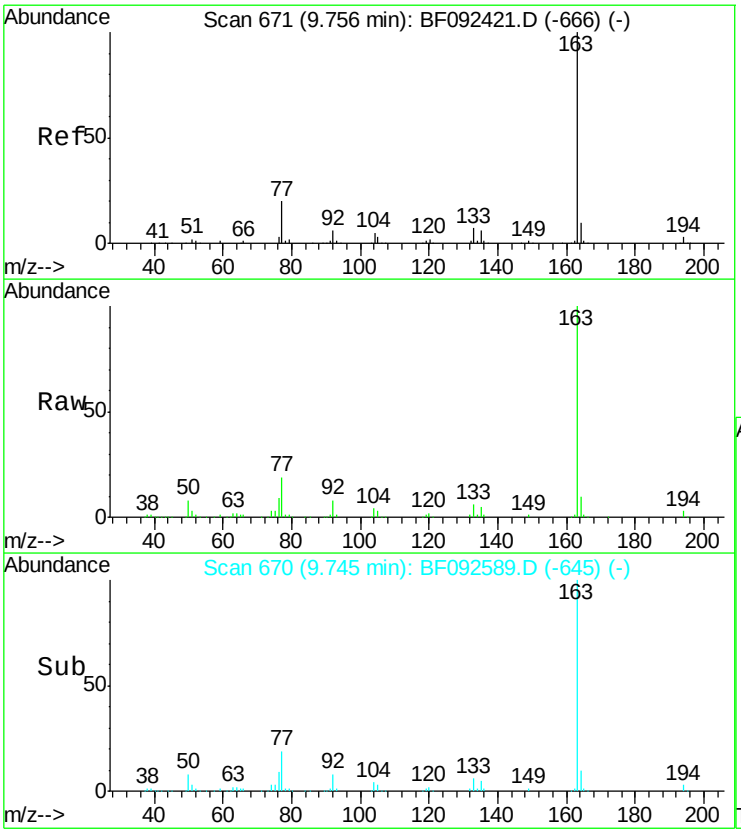
#44
2-Fluorobiphenyl
Concen: 102.75 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
ELT-BL-0-2

Tgt Ion:172 Resp: 2143350

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.1	20.2	30.4

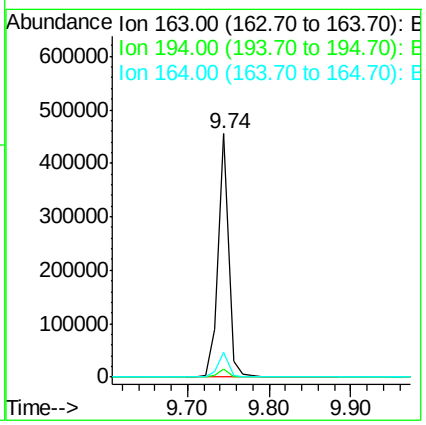


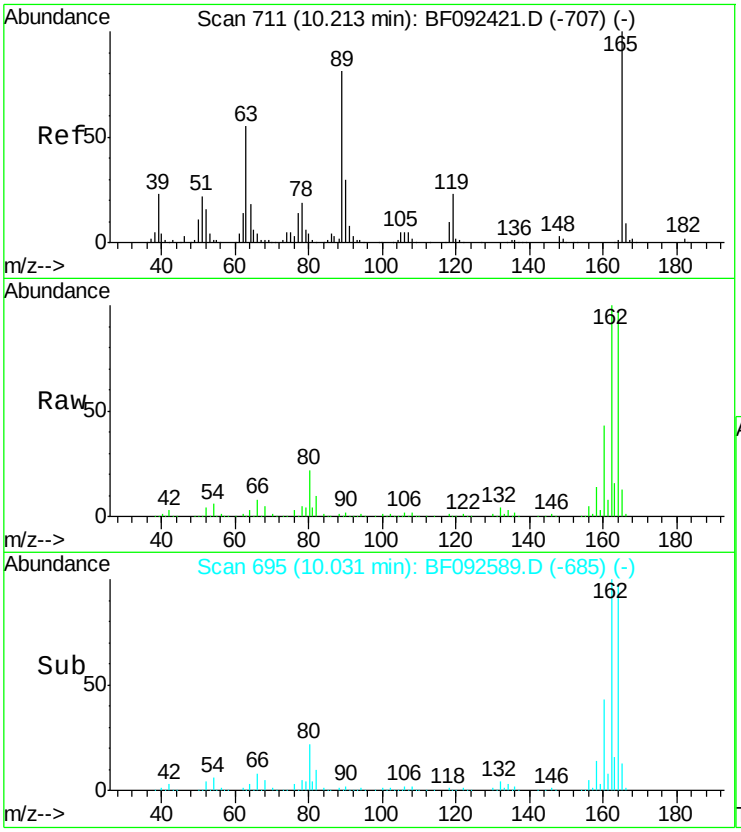


#49
Dimethylphthalate
Concen: 16.46 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Tgt Ion:163 Resp: 403844

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.2	8.0	12.0



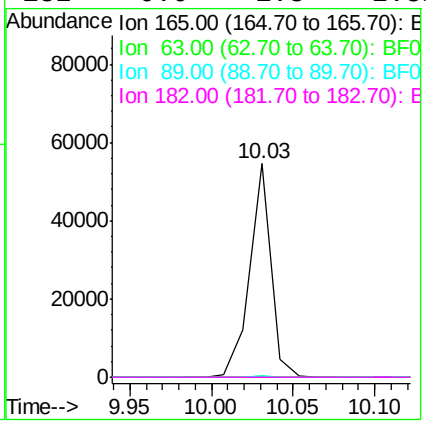


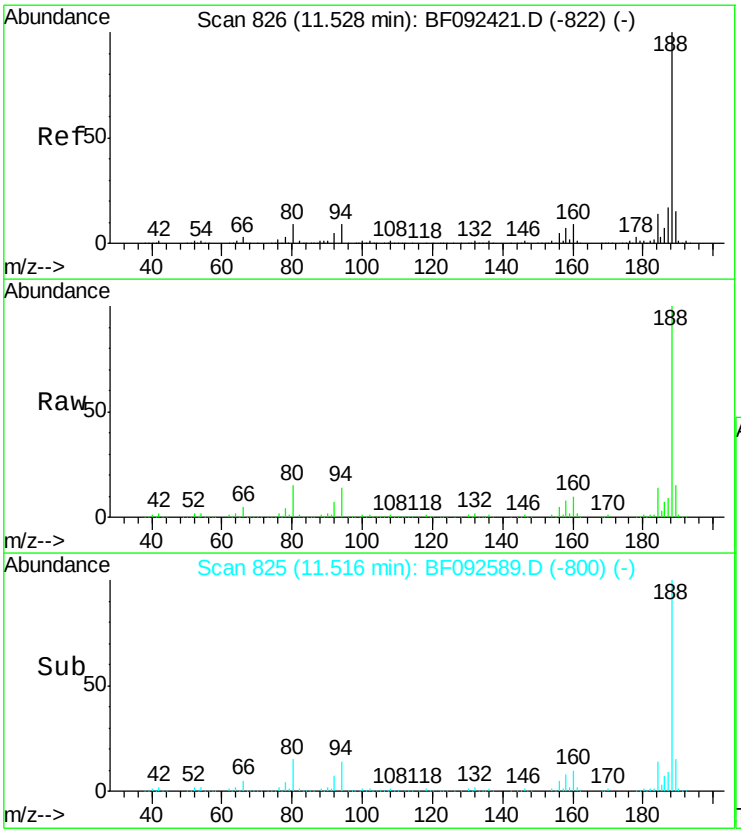
#56
2,4-Dinitrotoluene
Concen: 7.49 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
ELT-BL-0-2

Tgt Ion:165 Resp: 49830

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

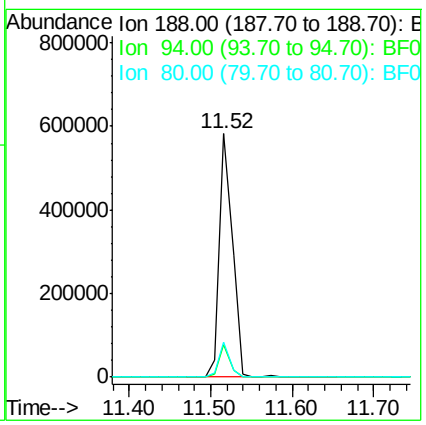


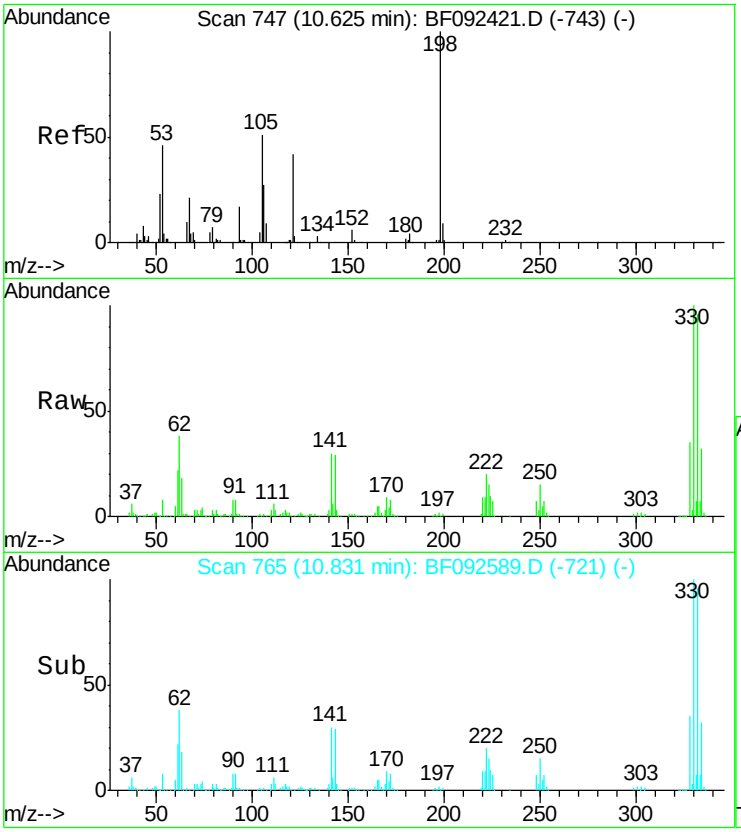


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Tgt Ion:188 Resp: 639090

Ion	Ratio	Lower	Upper
188	100		
94	13.6	10.0	15.0
80	14.6	11.2	16.8



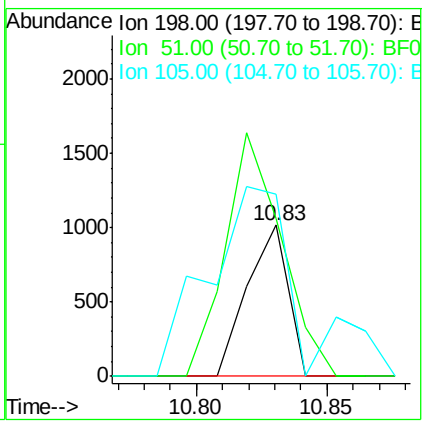


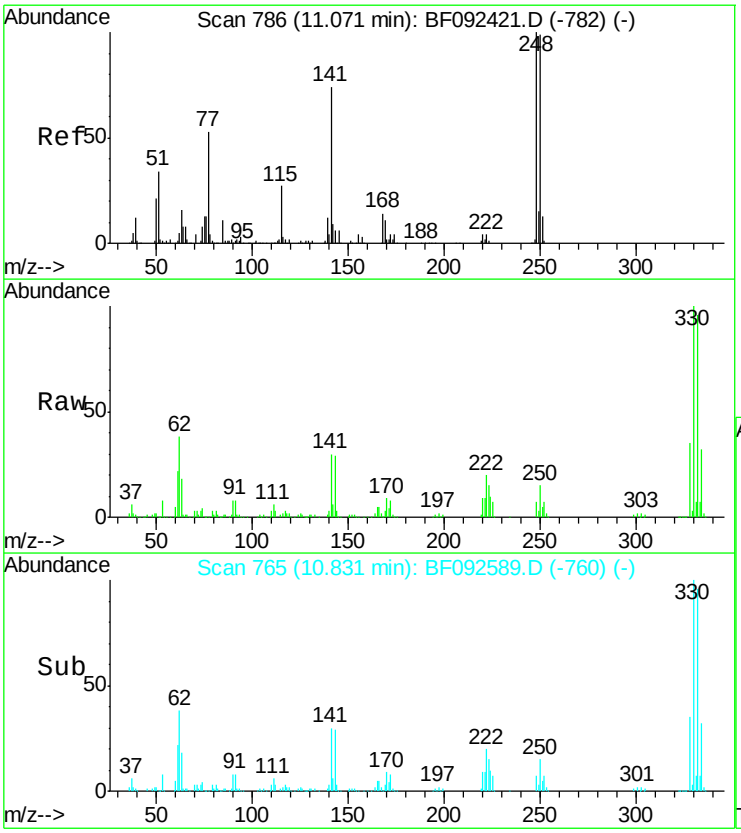
#64
4,6-Dinitro-2-methylphenol
Concen: 5.24 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.21 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
ELT-BL-0-2

Tgt Ion:198 Resp: 1112

Ion	Ratio	Lower	Upper
198	100		
51	104.2	6.7	46.7#
105	120.4	16.6	56.6#

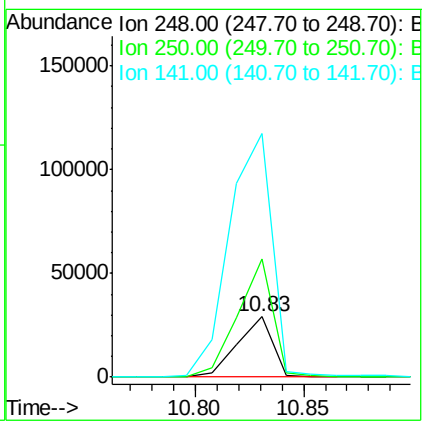


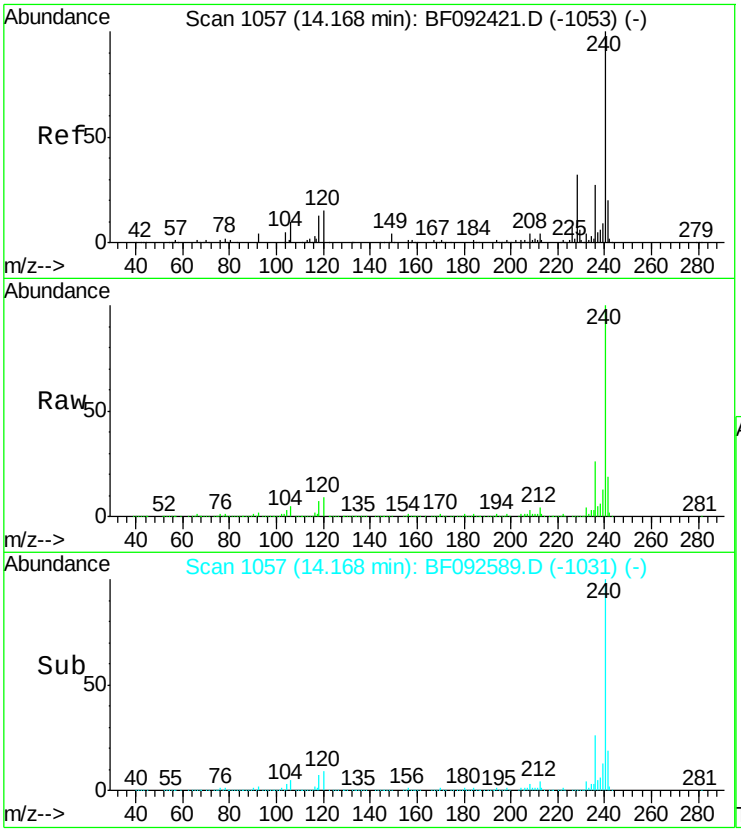


#66
4-Bromophenyl-phenylether
Concen: 5.03 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.24 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Tgt Ion:248 Resp: 32462

Ion	Ratio	Lower	Upper
248	100		
250	194.6	76.9	115.3#
141	402.9	68.2	102.4#



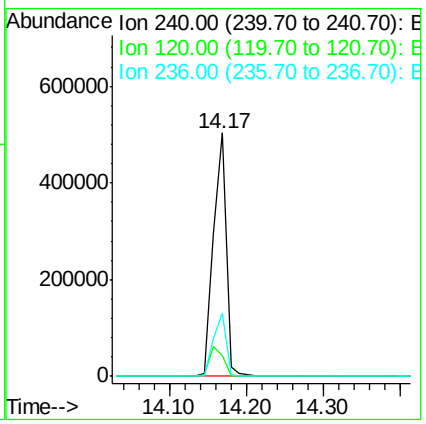


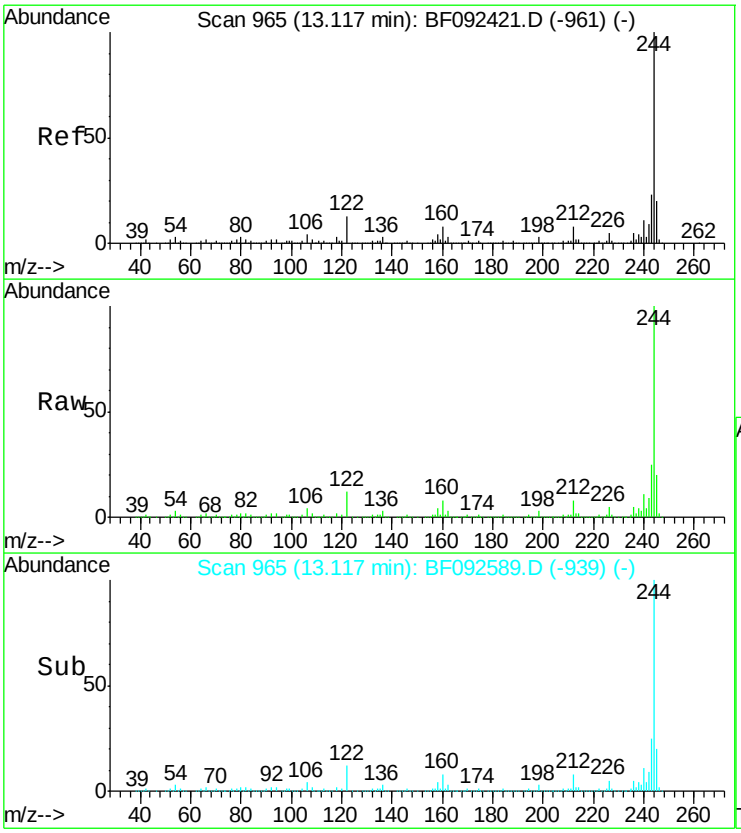
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
ELT-BL-0-2

Tgt Ion:240 Resp: 576511

Ion	Ratio	Lower	Upper
240	100		
120	8.6	12.9	19.3#
236	25.9	20.9	31.3

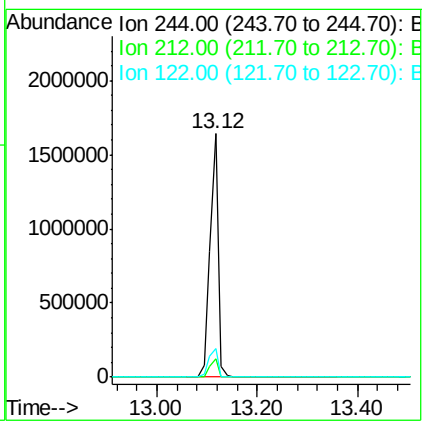


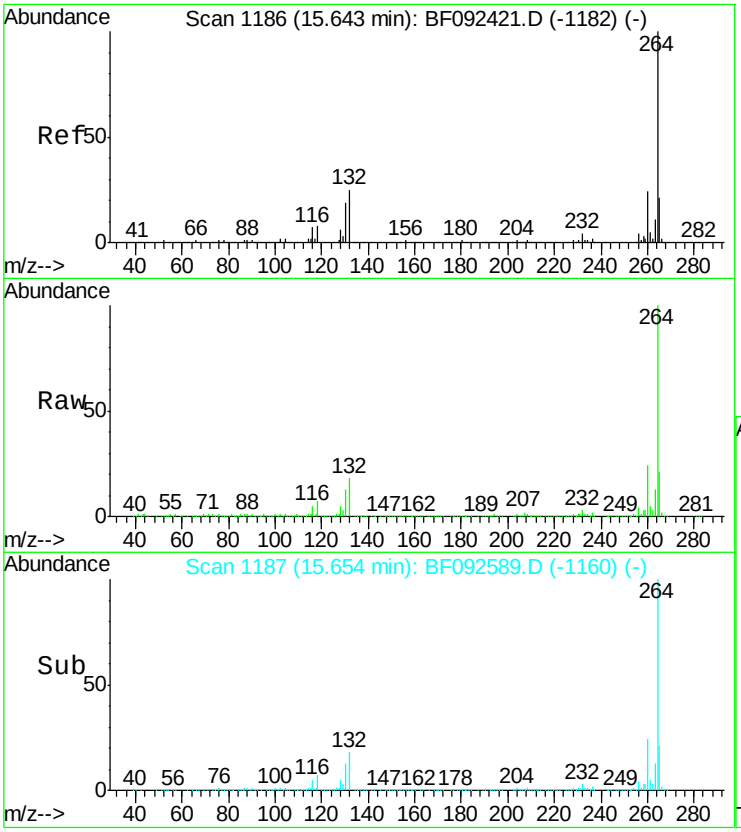


#78
Terphenyl-d14
Concen: 84.71 ng
RT: 13.12 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Tgt Ion:244 Resp: 1833882

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.0	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: BF092589.D
Acq: 27 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
ELT-BL-0-2

Tgt Ion:264 Resp: 433591

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.4	26.0