Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092612.D
Acq On : 28 Jan 2017 8:22
Operator : SJ/MA
Sample : I1527-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMP

Quant Time: Jan 29 23:46:44 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	6.98	152	158799	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	608856	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	298754	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	382560	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	334610	20.00	ng	0.00
86) Perylene-d12	15.65	264	225568	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1408850	138.03	ng	0.05
7) Phenol-d6	6.62	99	1781955	137.06	ng	0.03
23) Nitrobenzene-d5	7.54	82	1089401	97.74	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	287080	141.01	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1821402	112.74	ng	0.00
78) Terphenyl-d14	13.12	244	1258766	100.17	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.64	94	119387	7.61	ng	# 66
19) n-Nitroso-di-n-propylamine	7.54	70	143596	16.22	ng	# 83
25) Isophorone	7.54	82	937532	42.68	ng	# 65
49) Dimethylphthalate	9.74	163	167965	8.84	ng	100
56) 2,4-Dinitrotoluene	10.03	165	36944	7.17	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.82	198	732	5.27	ng	# 1
66) 4-Bromophenyl-phenylether	10.83	248	20304	5.26	ng	# 1

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

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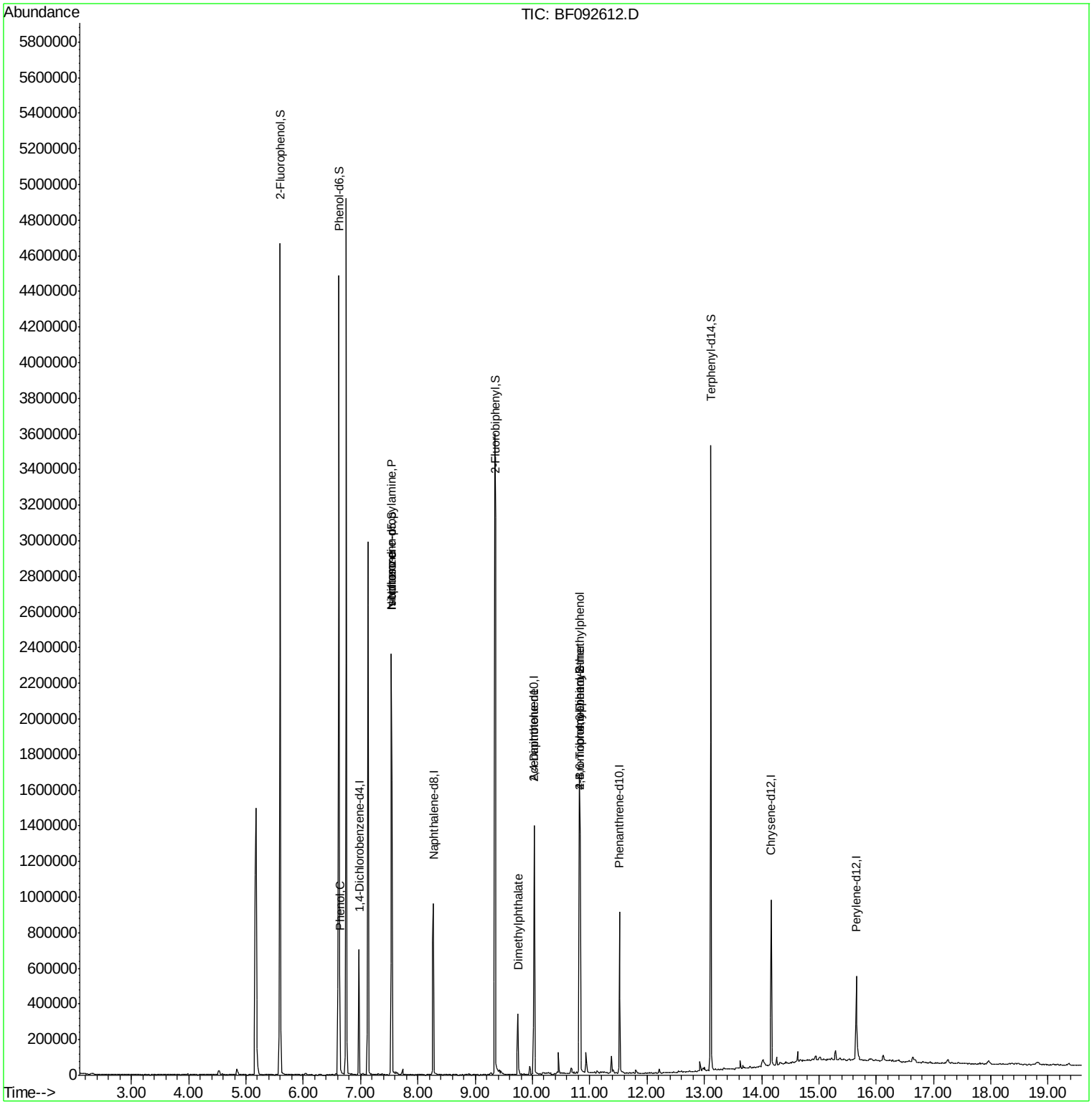
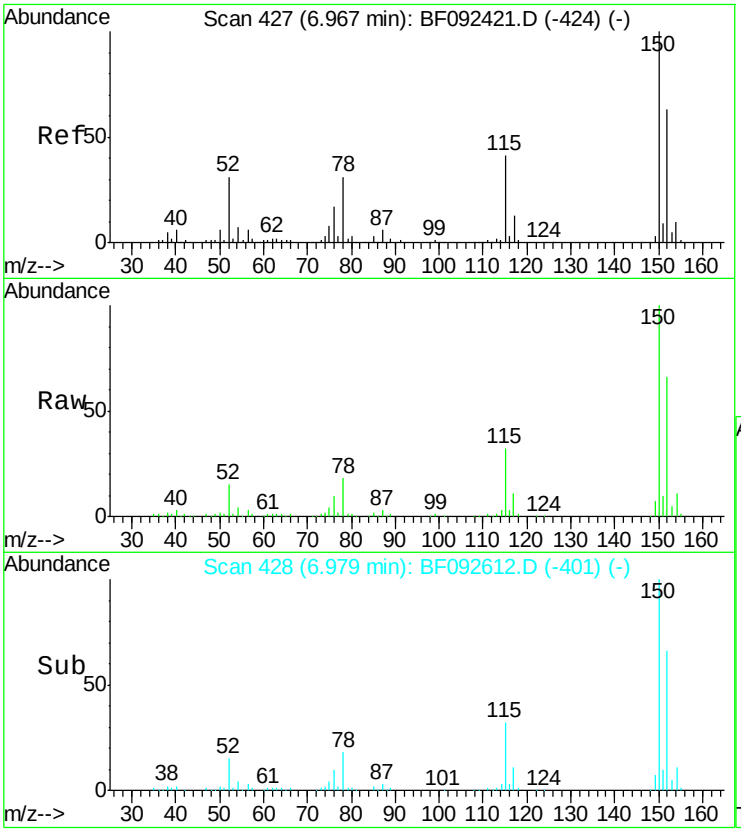


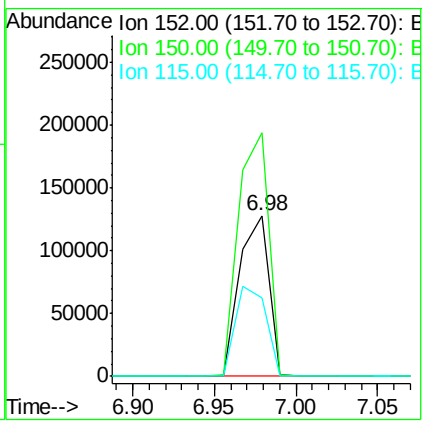


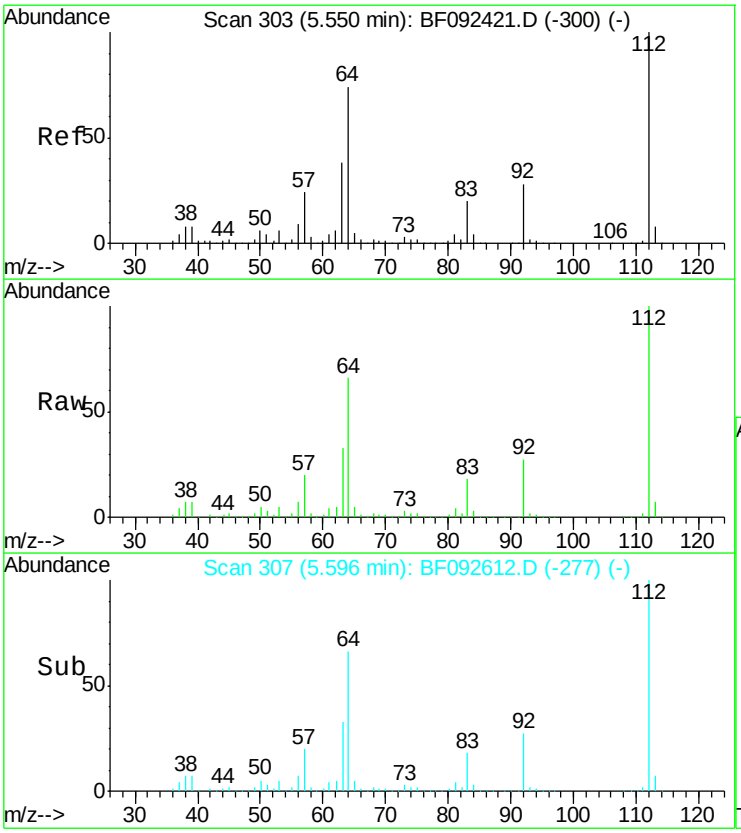
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.01 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:152 Resp: 158799

Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.9	187.3
115	49.1	46.0	69.0

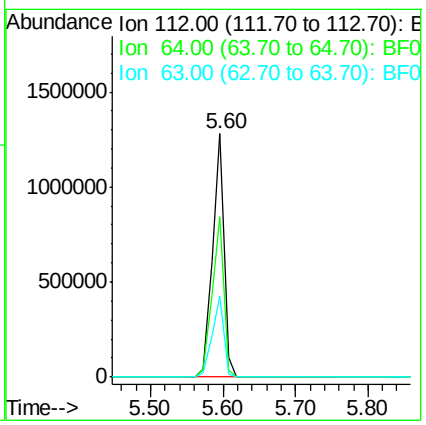


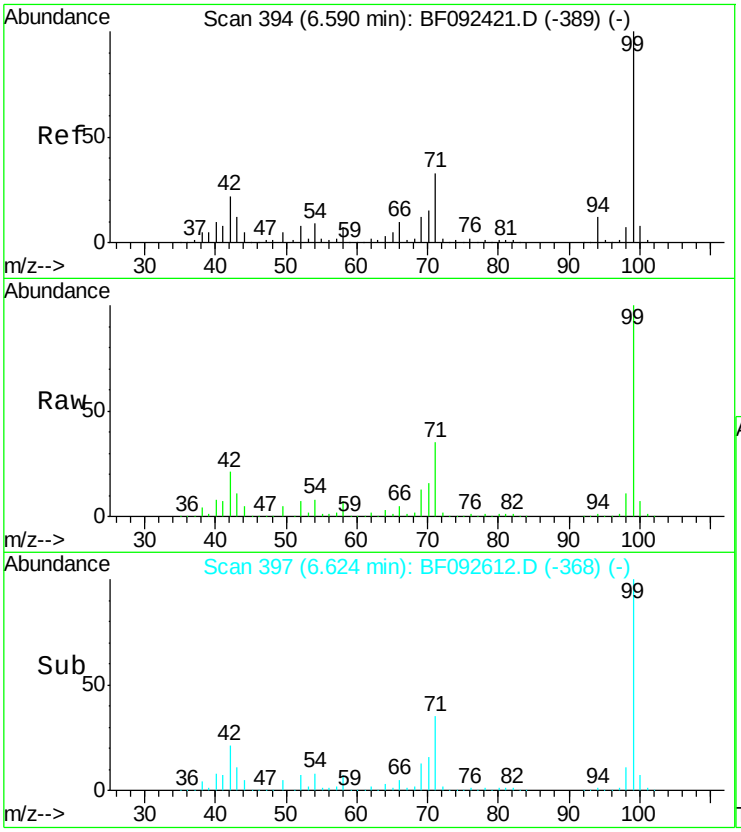


#5
2-Fluorophenol
Concen: 138.03 ng
RT: 5.60 min Scan# 307
Delta R.T. 0.05 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Tgt Ion:112 Resp: 1408850

Ion	Ratio	Lower	Upper
112	100		
64	65.7	46.1	69.1
63	33.2	23.8	35.6



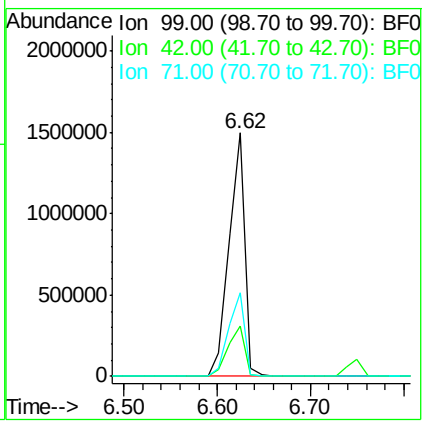


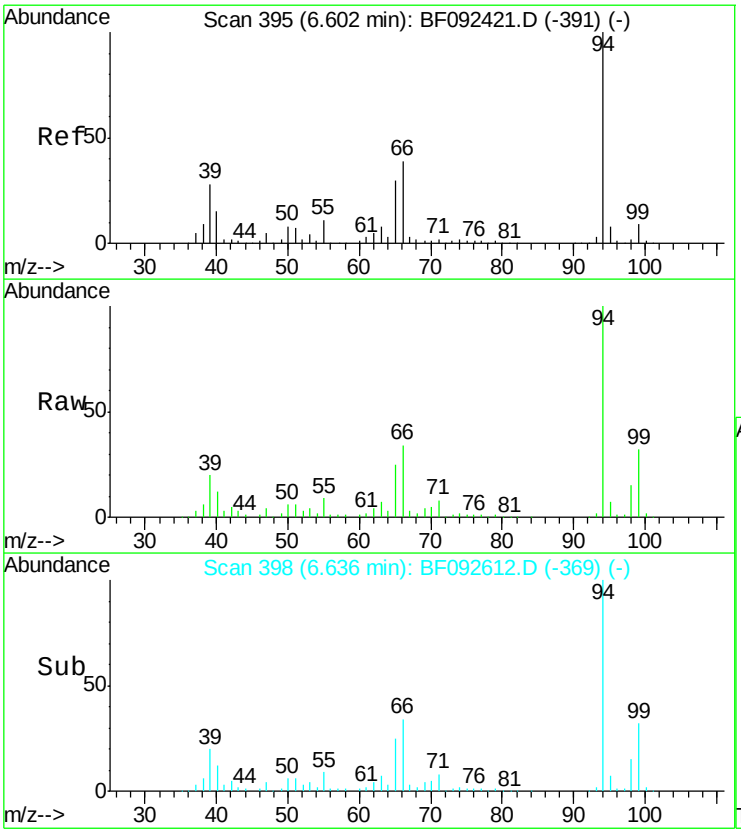
#7
Phenol-d6
Concen: 137.06 ng
RT: 6.62 min Scan# 397
Delta R.T. 0.03 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion: 99 Resp: 1781955

Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.6	23.4
71	34.5	27.5	41.3

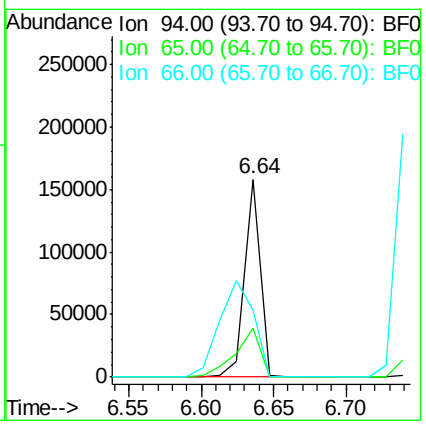


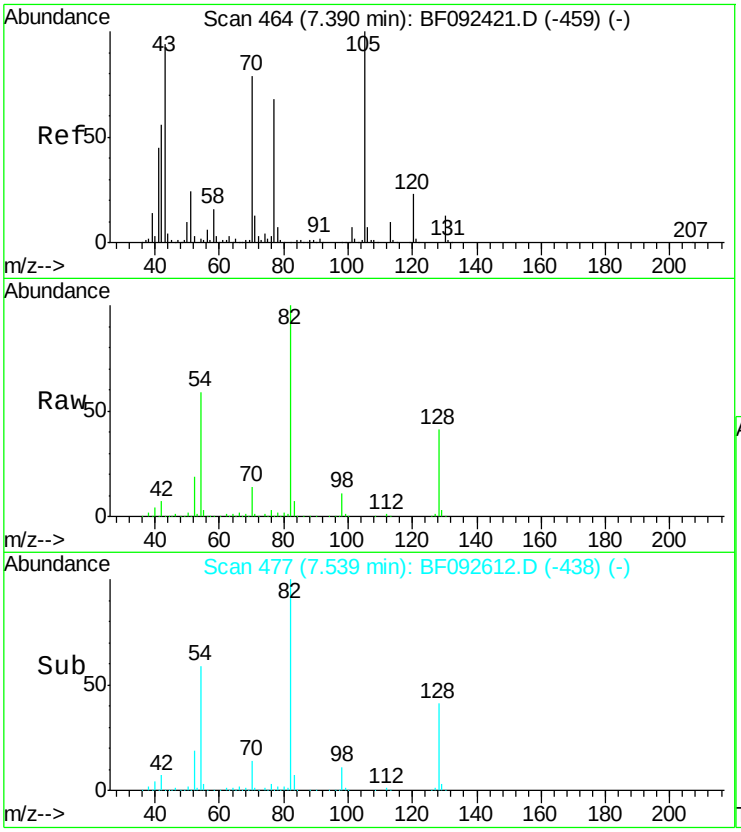


#10
Phenol
Concen: 7.61 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.03 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Tgt Ion: 94 Resp: 119387

Ion	Ratio	Lower	Upper
94	100		
65	24.7	21.4	61.4
66	33.8	44.0	84.0#



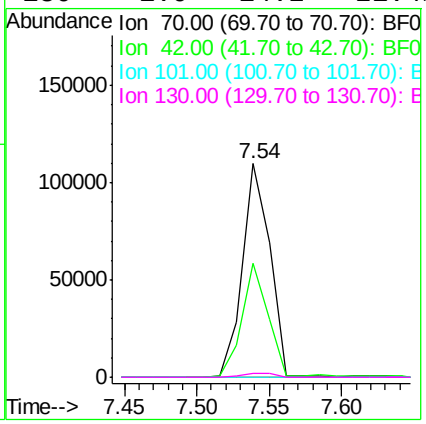


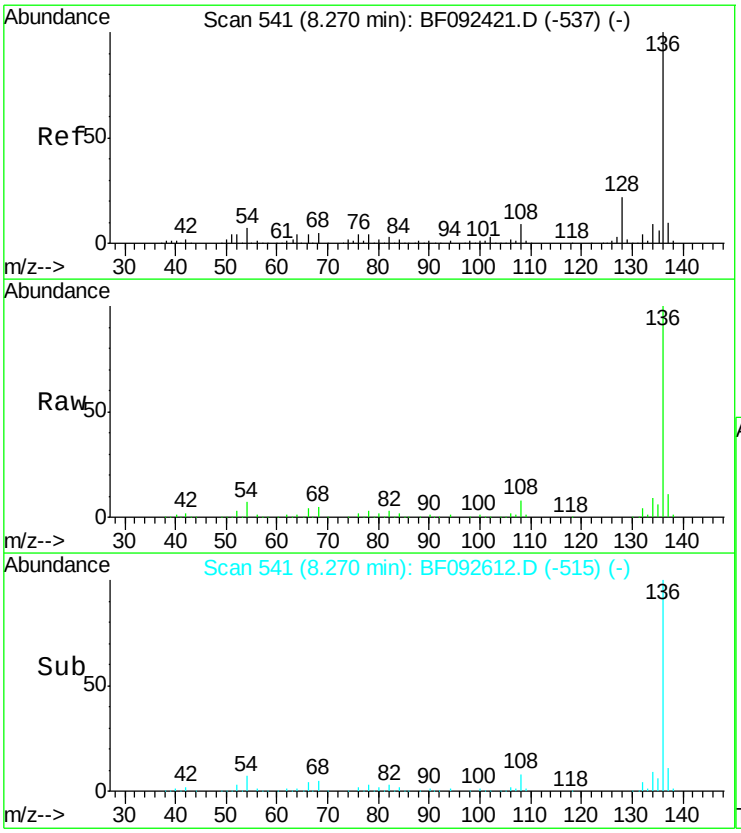
#19
n-Nitroso-di-n-propylamine
Concen: 16.22 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion: 70 Resp: 143596

Ion	Ratio	Lower	Upper
70	100		
42	53.5	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#

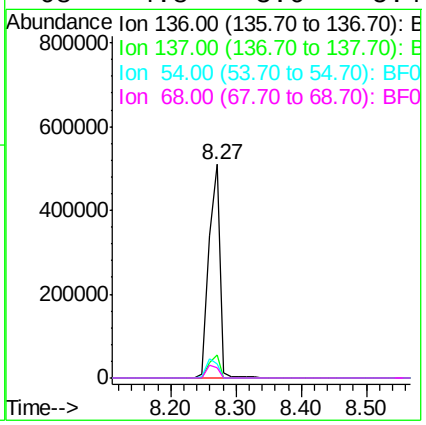


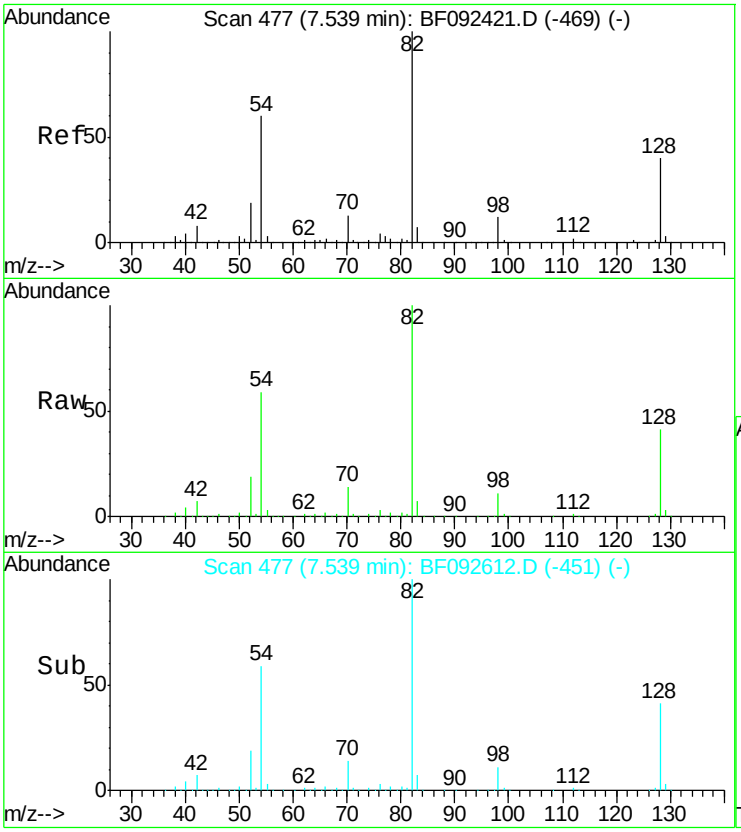


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Tgt Ion:136 Resp: 608856

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	6.9	4.5	6.7#
68	4.8	3.6	5.4



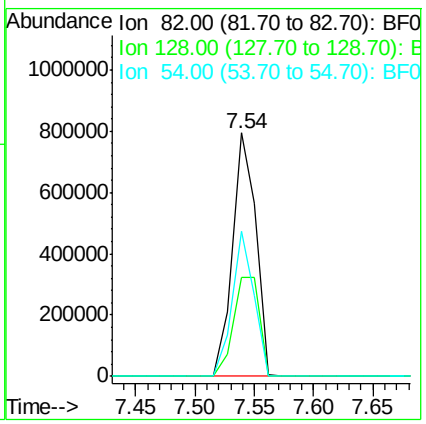


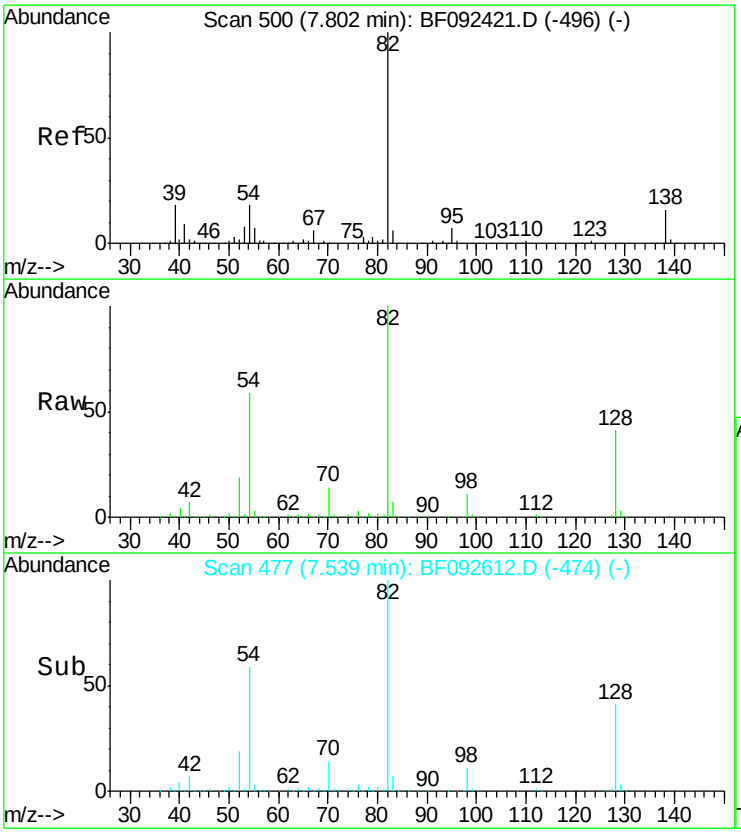
#23
Nitrobenzene-d5
Concen: 97.74 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion: 82 Resp: 1089401

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.6	52.0
54	59.5	39.5	59.3#

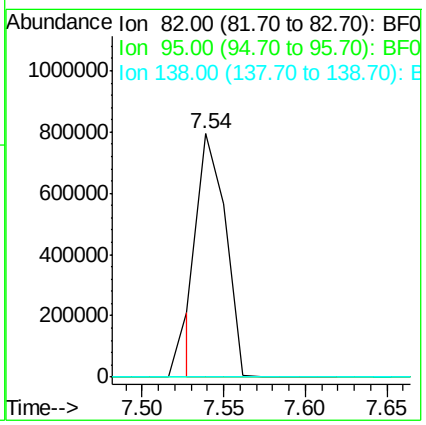


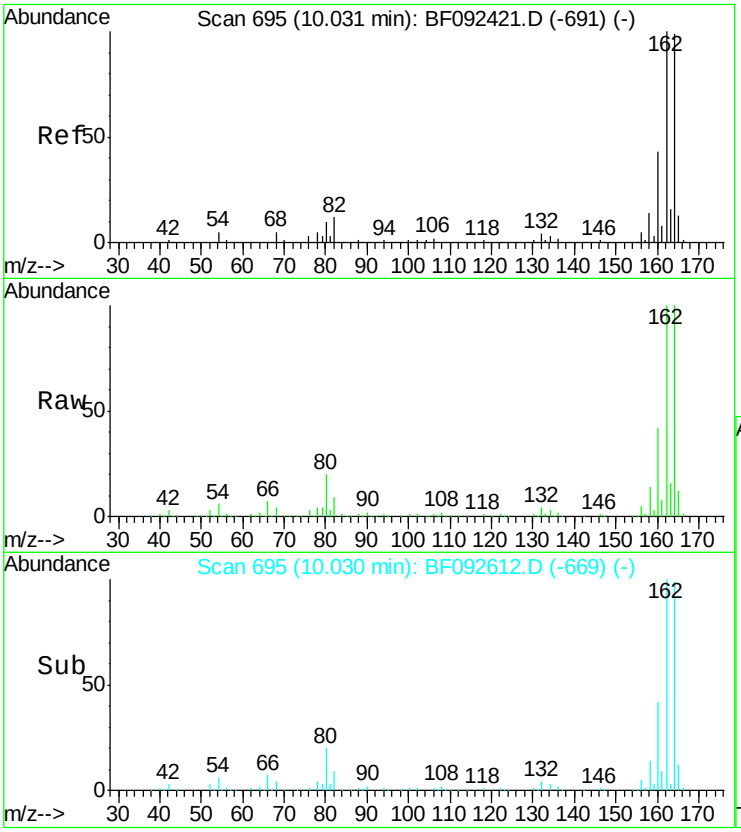


#25
Isophorone
Concen: 42.68 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Tgt Ion: 82 Resp: 937532

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



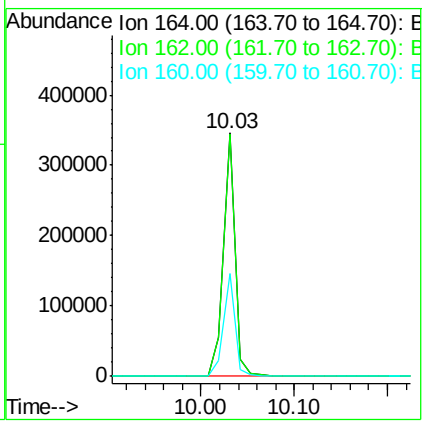


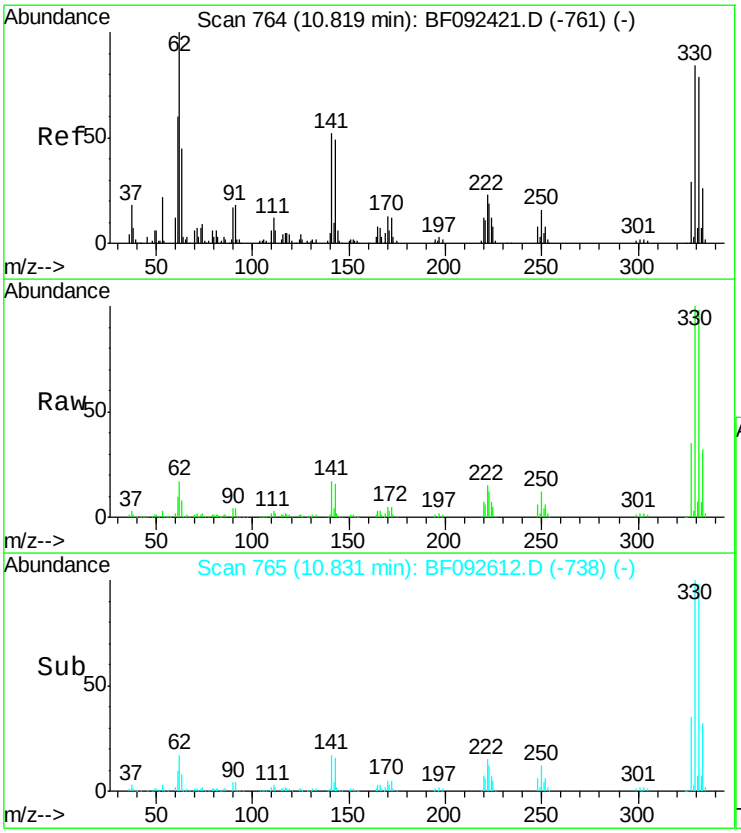
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:164 Resp: 298754

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.2	120.2
160	42.3	36.9	55.3

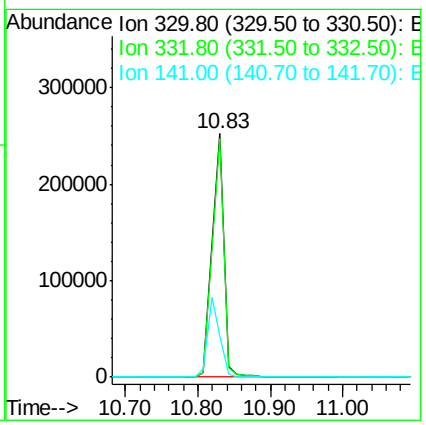


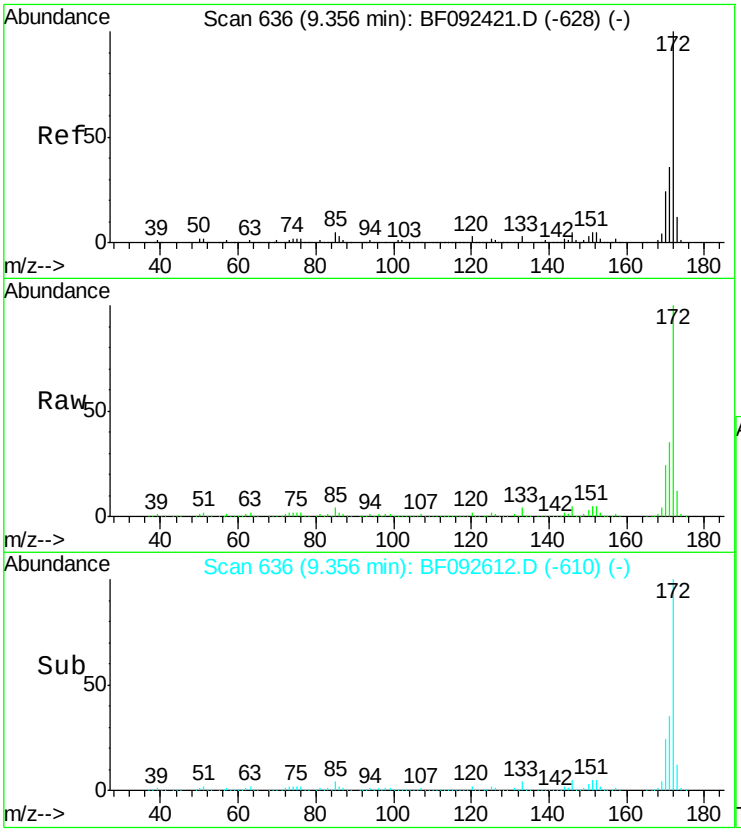


#41
2,4,6-Tribromophenol
Concen: 141.01 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Tgt Ion:330 Resp: 287080

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	33.2	34.1	51.1#



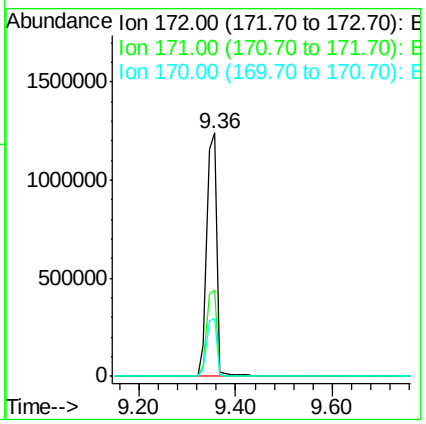


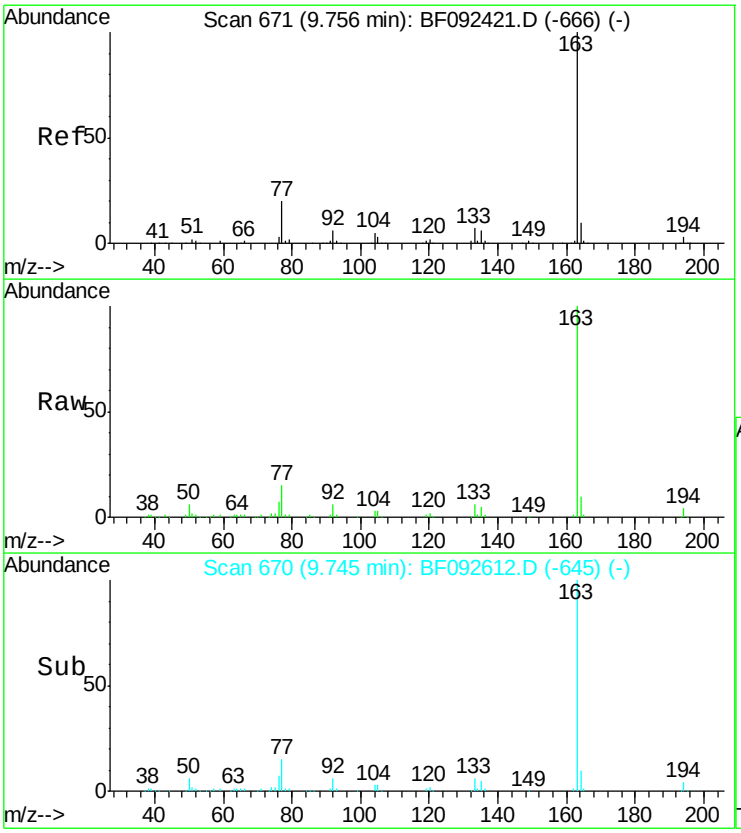
#44
2-Fluorobiphenyl
Concen: 112.74 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:172 Resp: 1821402

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.7	20.2	30.4

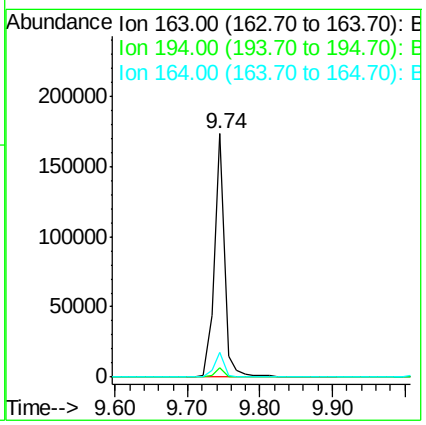


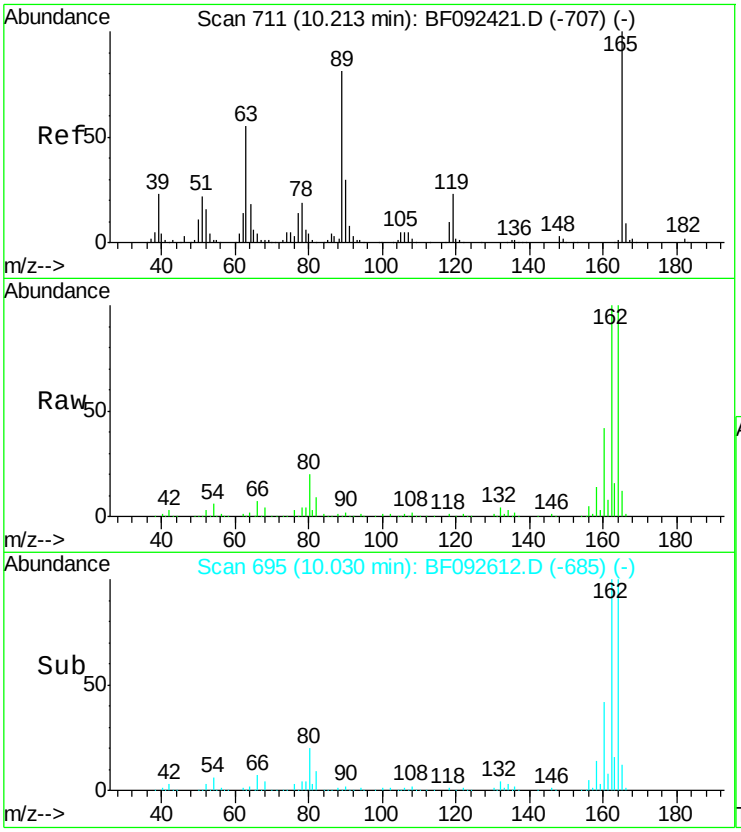


#49
Dimethylphthalate
Concen: 8.84 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Tgt Ion:163 Resp: 167965

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.9	8.0	12.0



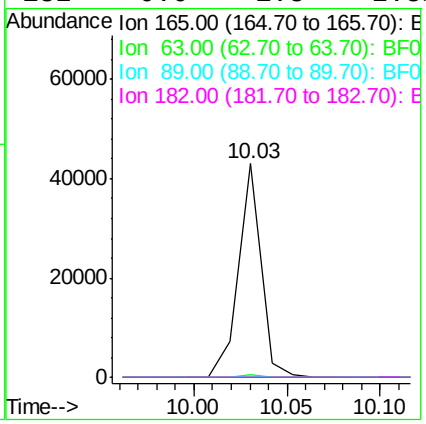


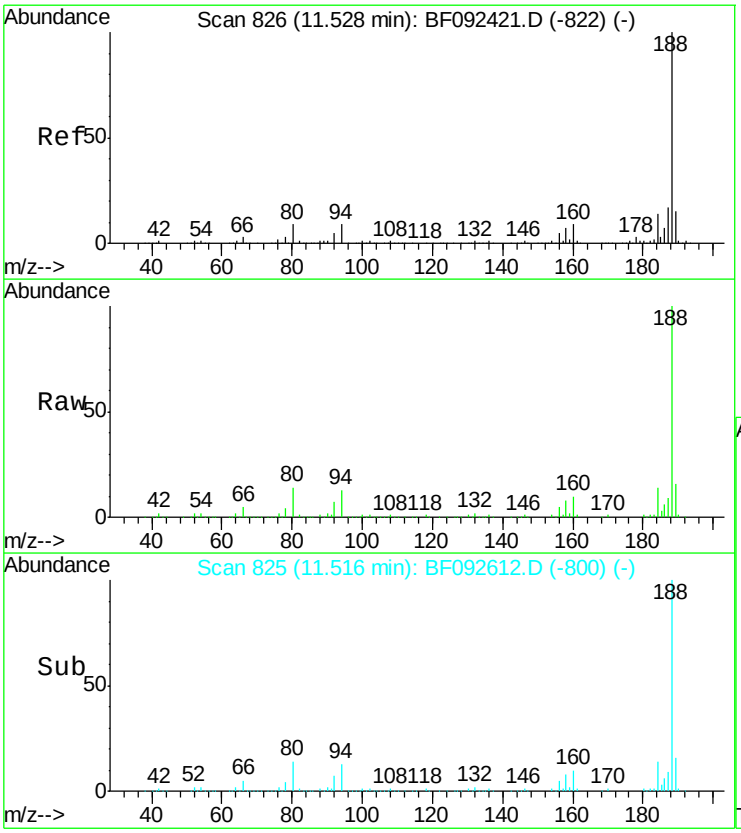
#56
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:165 Resp: 36944

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#

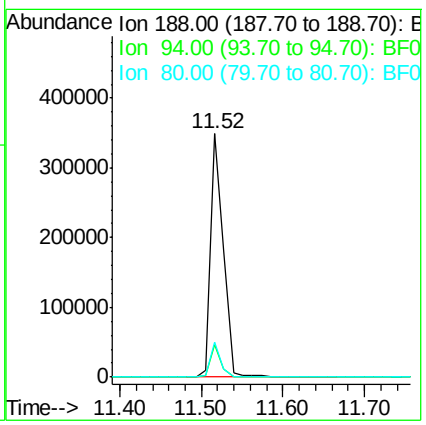


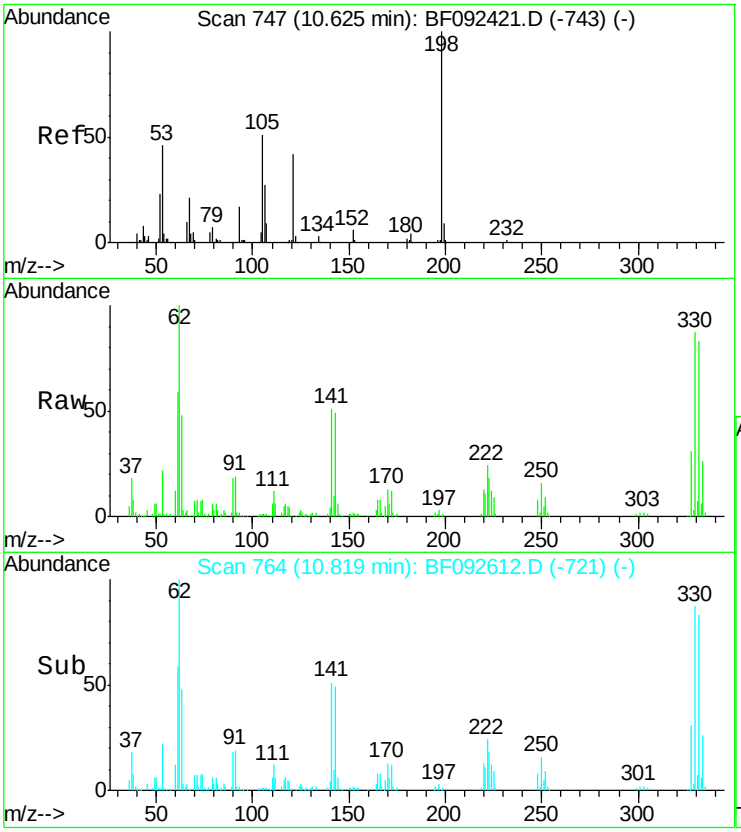


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Tgt Ion:188 Resp: 382560

Ion	Ratio	Lower	Upper
188	100		
94	13.3	10.0	15.0
80	14.2	11.2	16.8



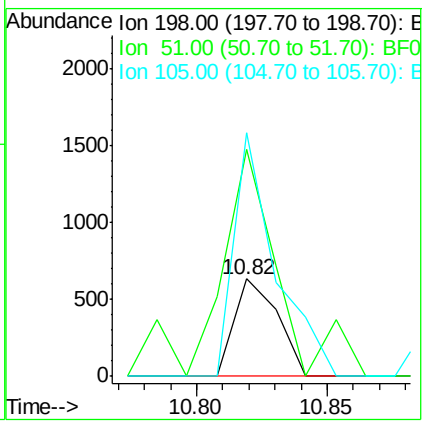


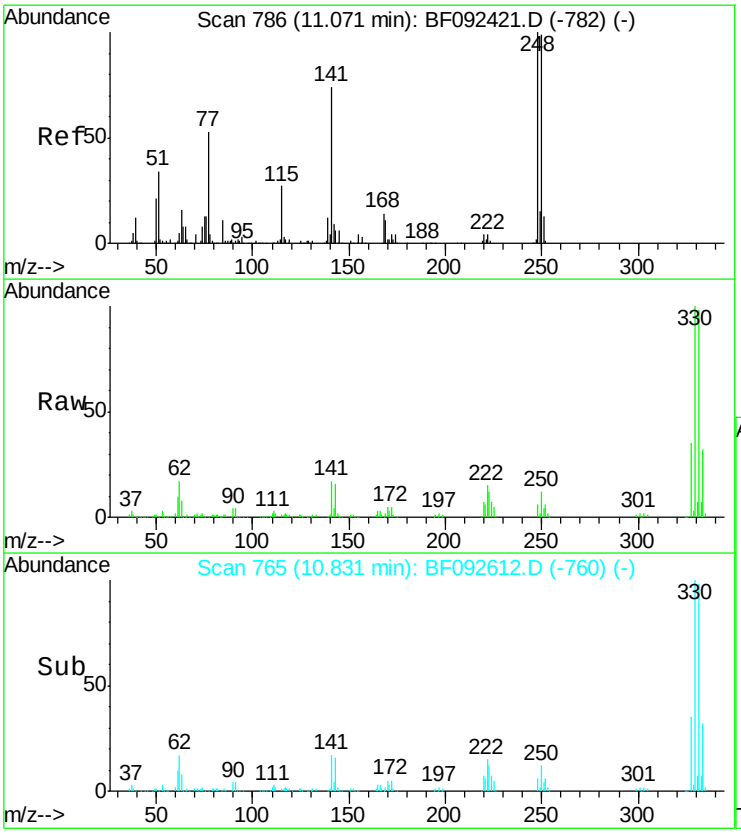
#64
4,6-Dinitro-2-methylphenol
Concen: 5.27 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.20 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:198 Resp: 732

Ion	Ratio	Lower	Upper
198	100		
51	233.3	6.7	46.7#
105	250.0	16.6	56.6#

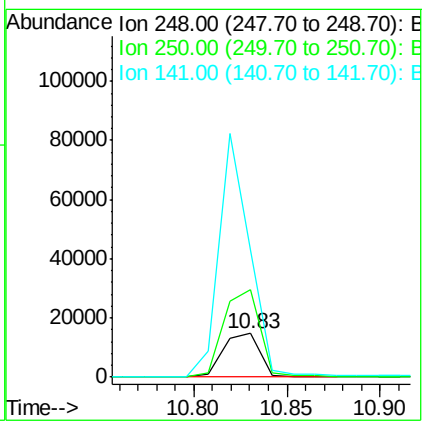


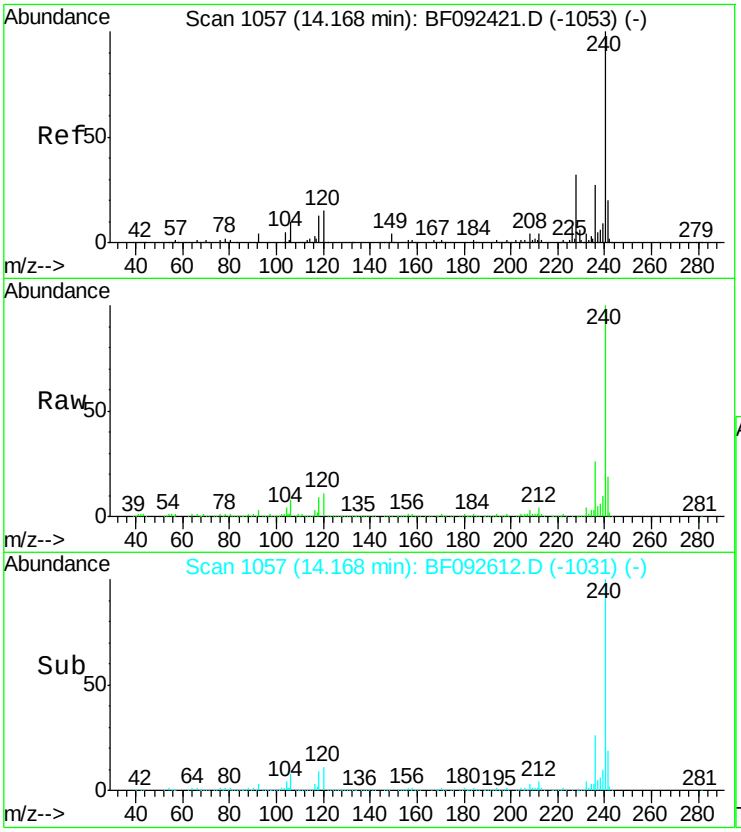


#66
4-Bromophenyl-phenylether
Concen: 5.26 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.24 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Tgt Ion:248 Resp: 20304

Ion	Ratio	Lower	Upper
248	100		
250	201.0	76.9	115.3#
141	290.6	68.2	102.4#



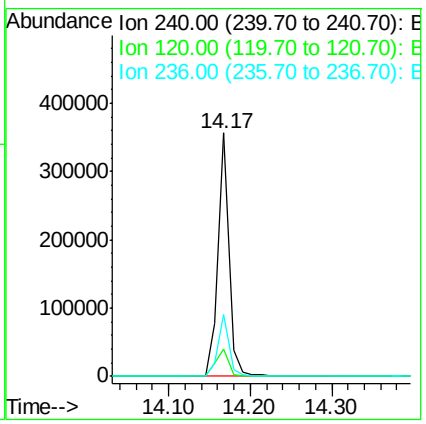


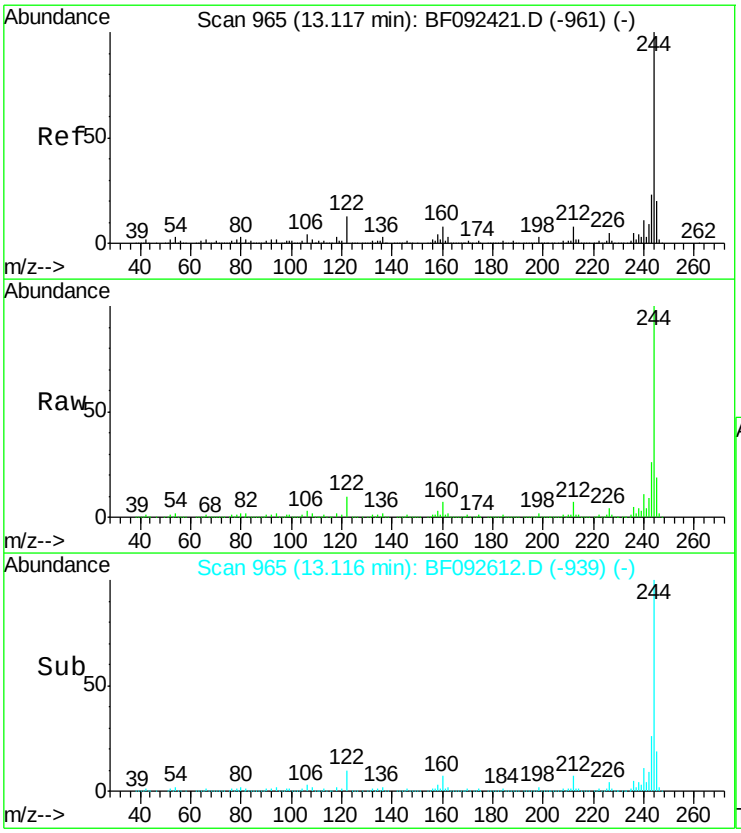
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.17 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:240 Resp: 334610

Ion	Ratio	Lower	Upper
240	100		
120	11.5	12.9	19.3#
236	25.5	20.9	31.3

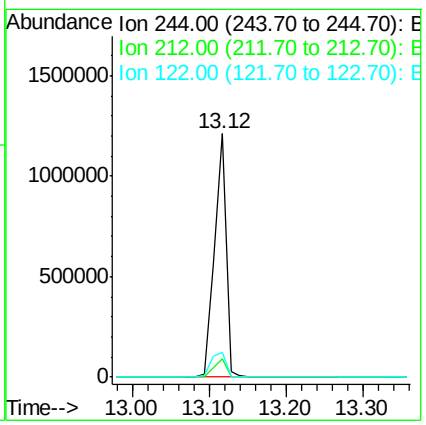


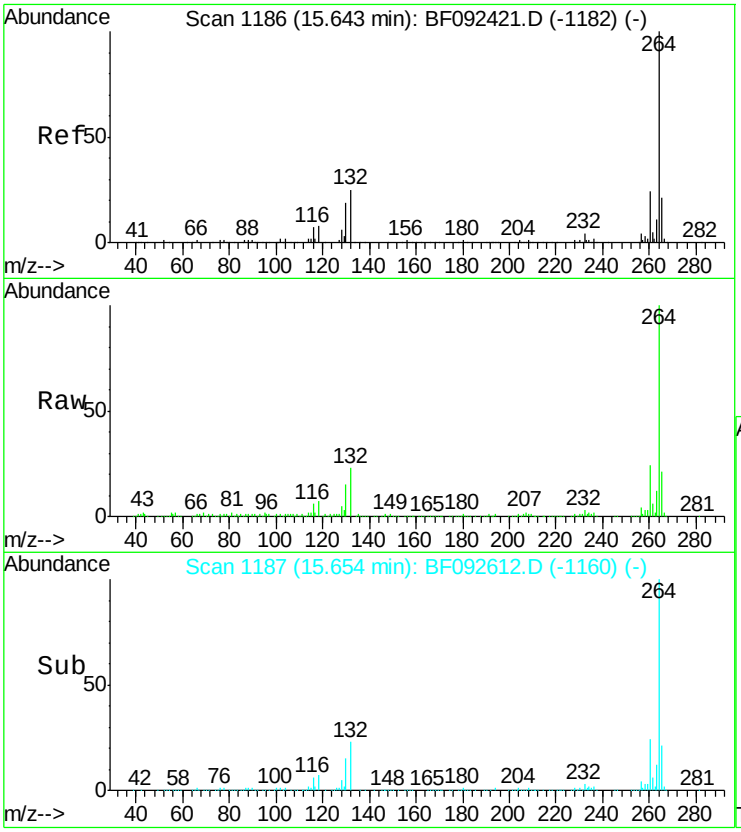


#78
Terphenyl-d14
Concen: 100.17 ng
RT: 13.12 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF092612.D
Acq: 28 Jan 2017 8:22

Tgt Ion:244 Resp: 1258766

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	10.2	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: BF092612.D
Acq: 28 Jan 2017 8:22

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:264 Resp: 225568

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.4	26.0