Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
Data File : BF092850.D
Acq On : 8 Feb 2017 3:39
Operator : SJ/MA
Sample : I1712-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-SOIL-ROW-COMP

Quant Time: Feb 08 04:08:26 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 23:52:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	138116	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	565743	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	279054	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	394726	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	358404	20.00	ng		-0.01
86) Perylene-d12	15.52	264	269007	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1005839	124.94	ng		0.01
7) Phenol-d6	6.54	99	1139686	110.03	ng		0.00
23) Nitrobenzene-d5	7.47	82	772009	75.99	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	276329	136.91	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1337210	86.81	ng		0.00
78) Terphenyl-d14	13.01	244	1042476	68.34	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.68	77	23462	3.16	ng		85
19) n-Nitroso-di-n-propylamine	7.47	70	102107	15.49	ng	#	83
25) Isophorone	7.47	82	621287	32.82	ng	#	65
50) 2,6-Dinitrotoluene	9.94	165	35404	8.72	ng	#	31
56) 2,4-Dinitrotoluene	9.94	165	35407	6.55	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.74	198	752	2.96	ng	#	1
66) 4-Bromophenyl-phenylether	10.74	248	19781	4.80	ng	#	1
76) Benzidine	12.76	184	80328	5.26	ng		97

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

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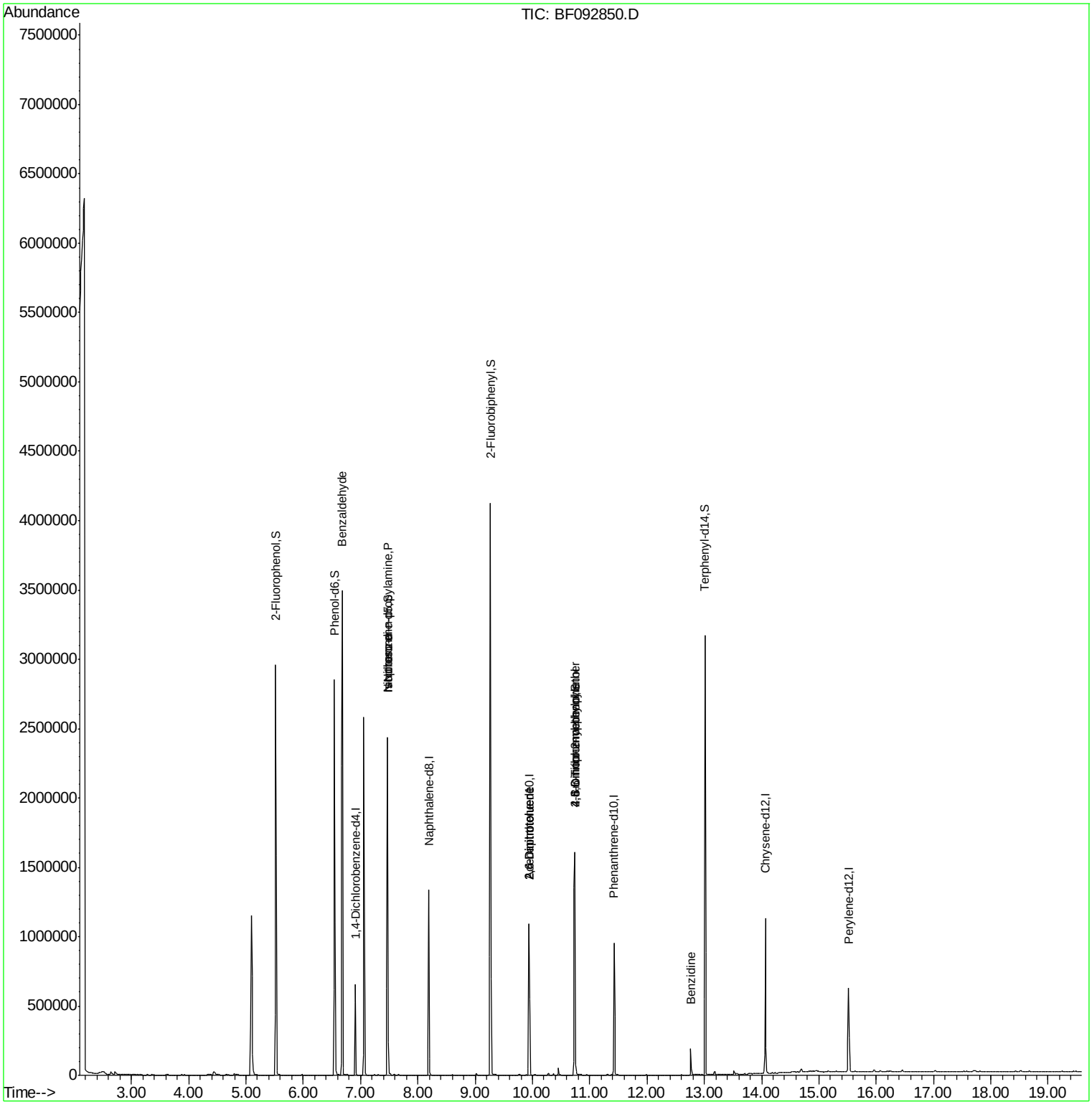
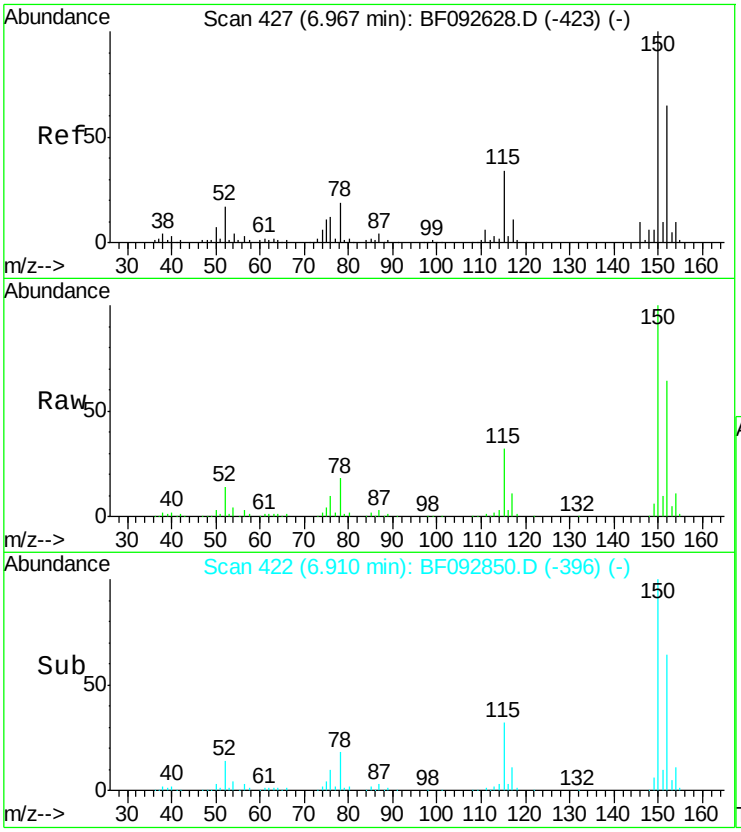


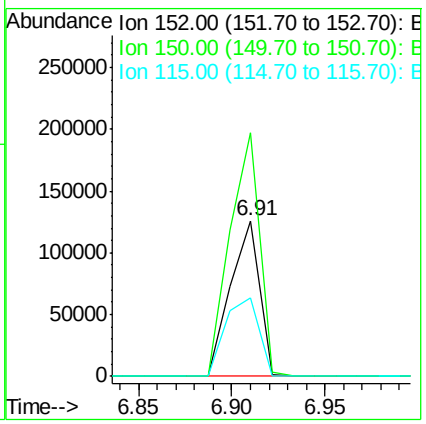


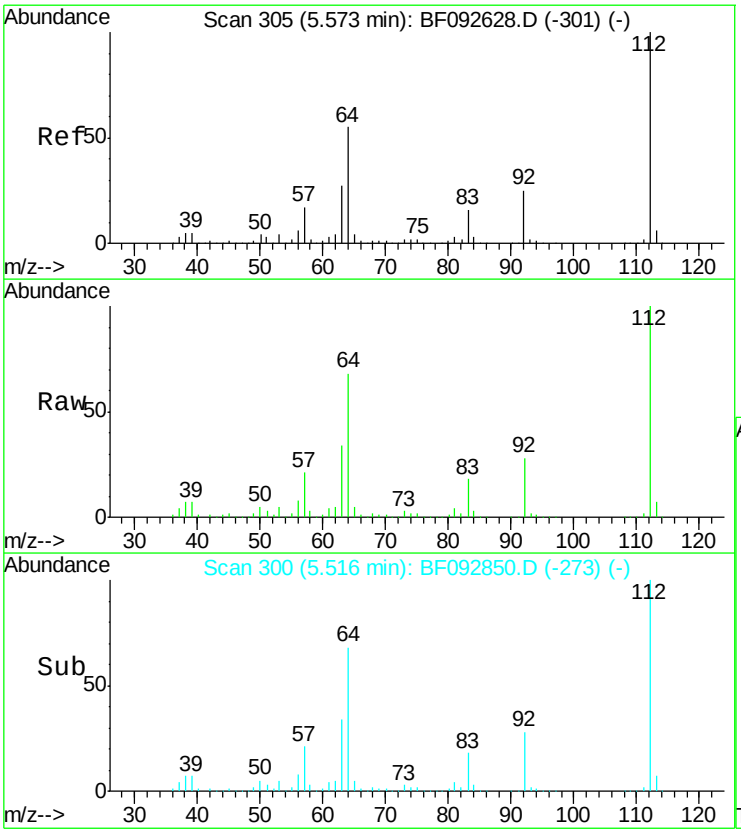
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Instrument :
BNA_F
ClientSampleId :
DRUMS-SOIL-ROW-COMP

Tgt Ion:152 Resp: 138116

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.9	187.3
115	50.8	46.0	69.0

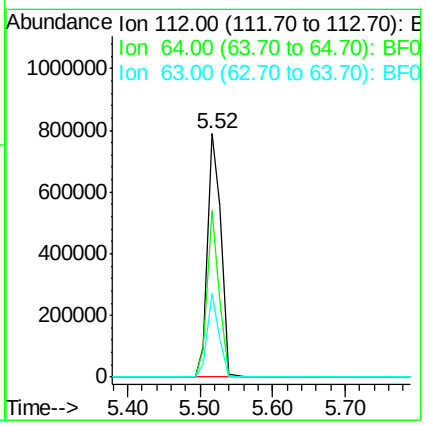


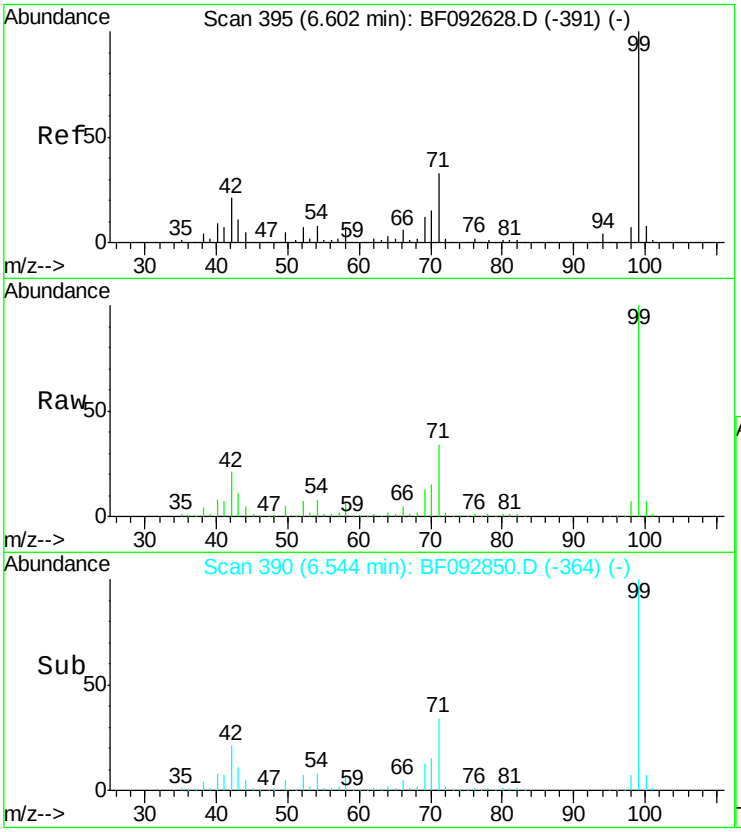


#5
2-Fluorophenol
Concen: 124.94 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Tgt Ion:112 Resp: 1005839

Ion	Ratio	Lower	Upper
112	100		
64	68.5	46.1	69.1
63	34.5	23.8	35.6



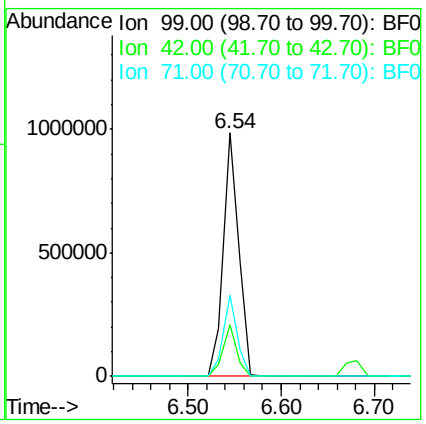


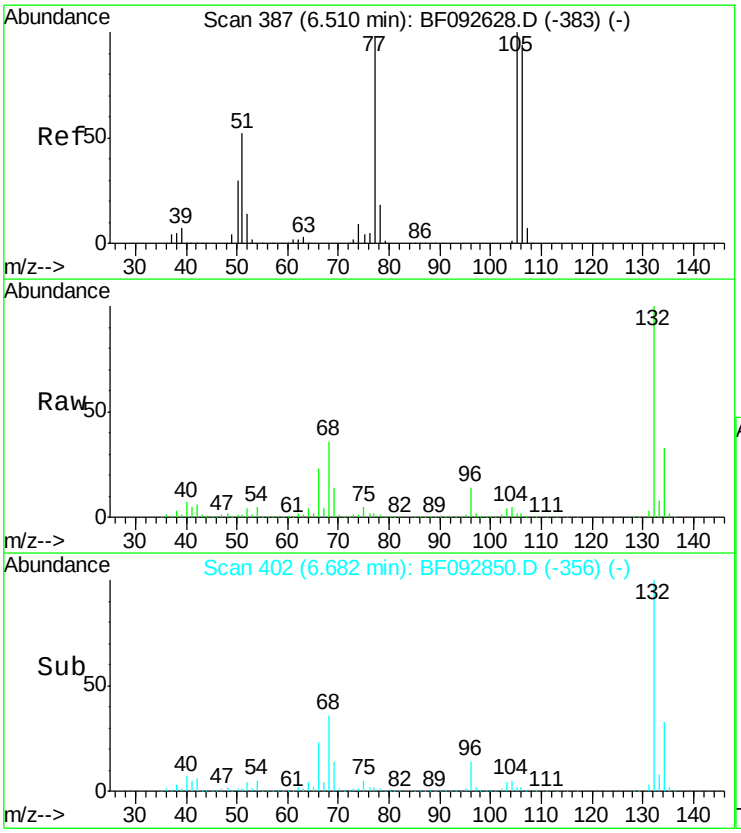
#7
Phenol-d6
Concen: 110.03 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Instrument :
BNA_F
ClientSampleId :
DRUMS-SOIL-ROW-COMP

Tgt Ion: 99 Resp: 1139686

Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.6	23.4
71	33.5	27.5	41.3

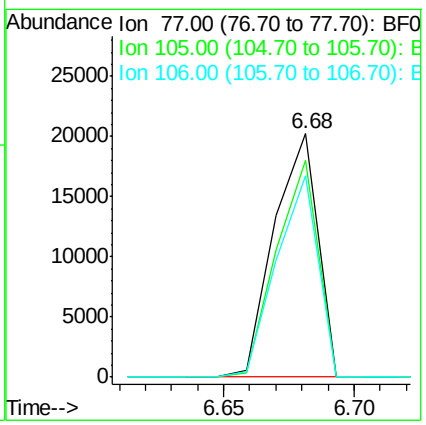


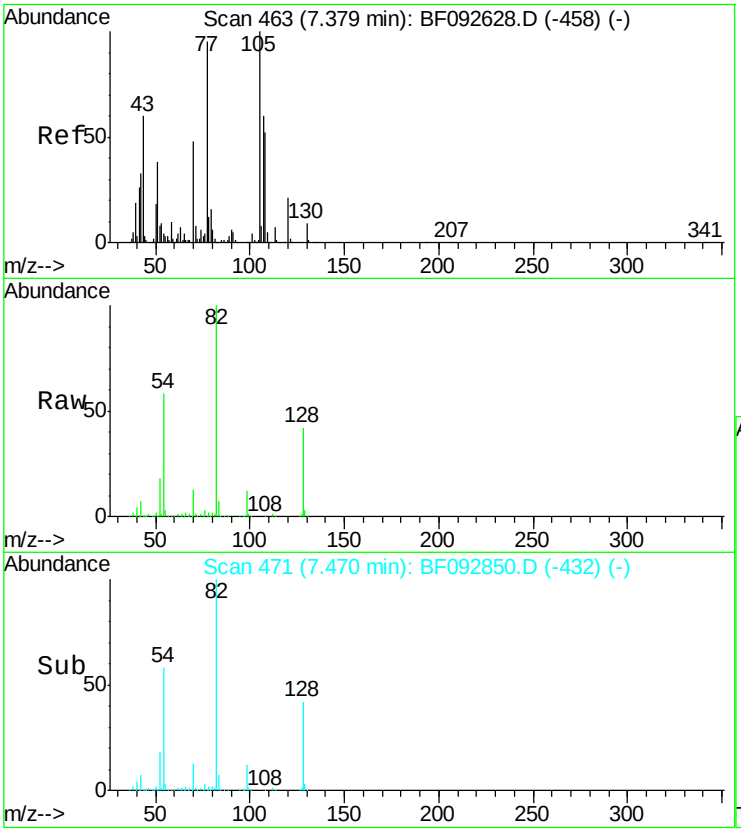


#9
Benzaldehyde
Concen: 3.16 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.23 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Tgt Ion: 77 Resp: 23462

Ion	Ratio	Lower	Upper
77	100		
105	89.2	83.9	123.9
106	82.8	77.6	117.6



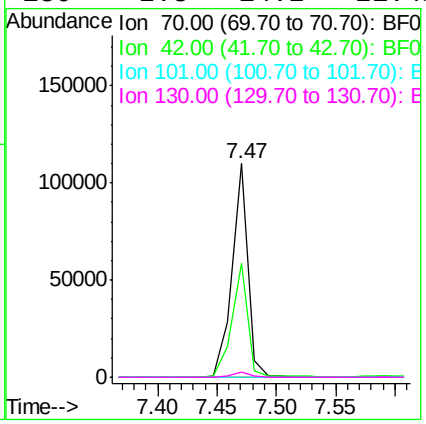


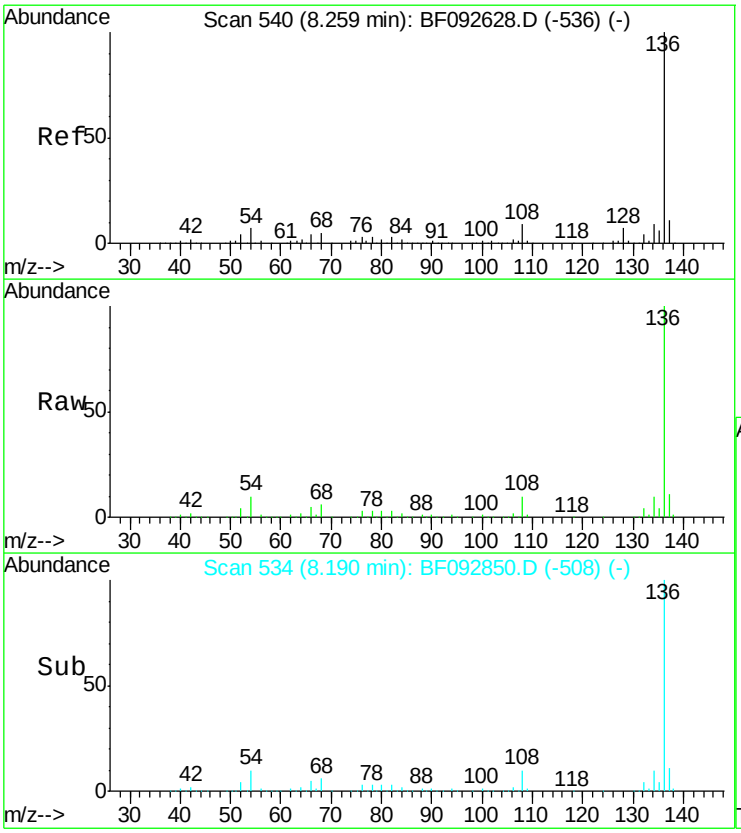
#19
n-Nitroso-di-n-propylamine
Concen: 15.49 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.15 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Instrument :
BNA_F
ClientSampleId :
DRUMS-SOIL-ROW-COMP

Tgt Ion: 70 Resp: 102107

Ion	Ratio	Lower	Upper
70	100		
42	53.2	49.4	74.0
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#

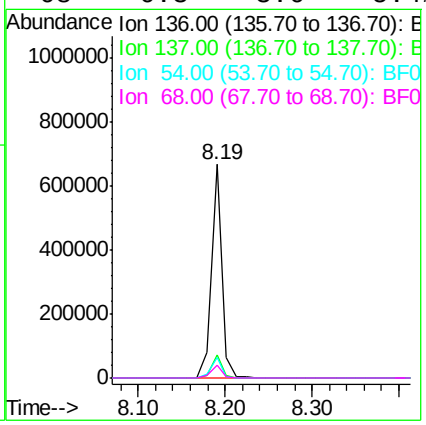


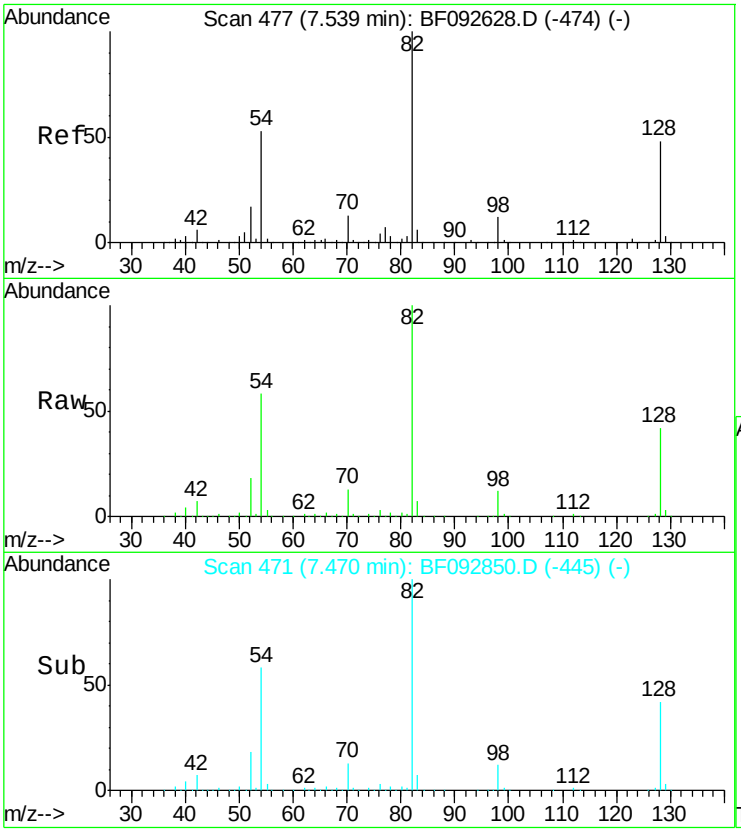


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Tgt Ion:136 Resp: 565743

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.6	4.5	6.7#
68	6.3	3.6	5.4#



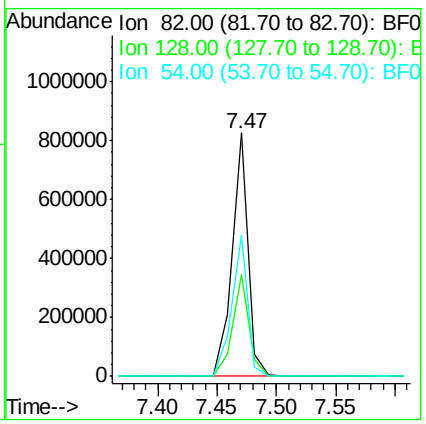


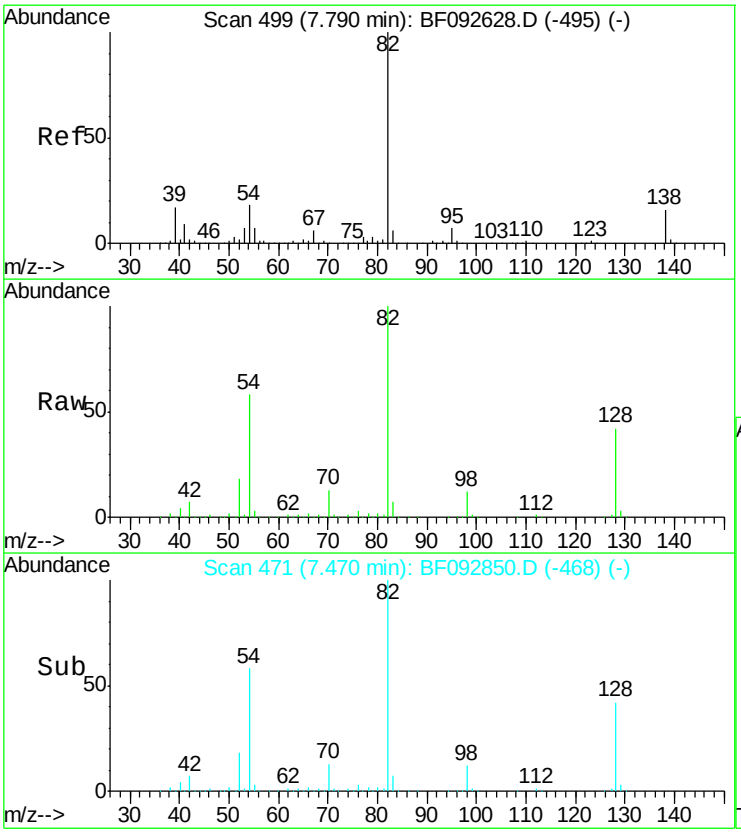
#23
Nitrobenzene-d5
Concen: 75.99 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Instrument :
BNA_F
ClientSampleId :
DRUMS-SOIL-ROW-COMP

Tgt Ion: 82 Resp: 772009

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	57.8	39.5	59.3

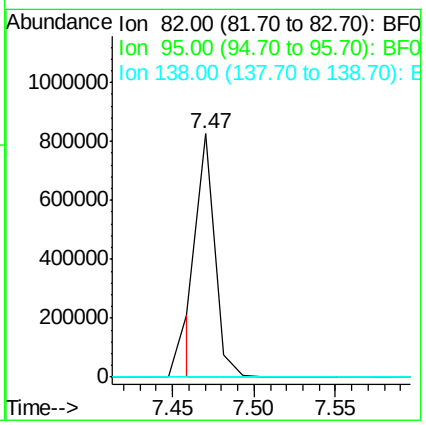


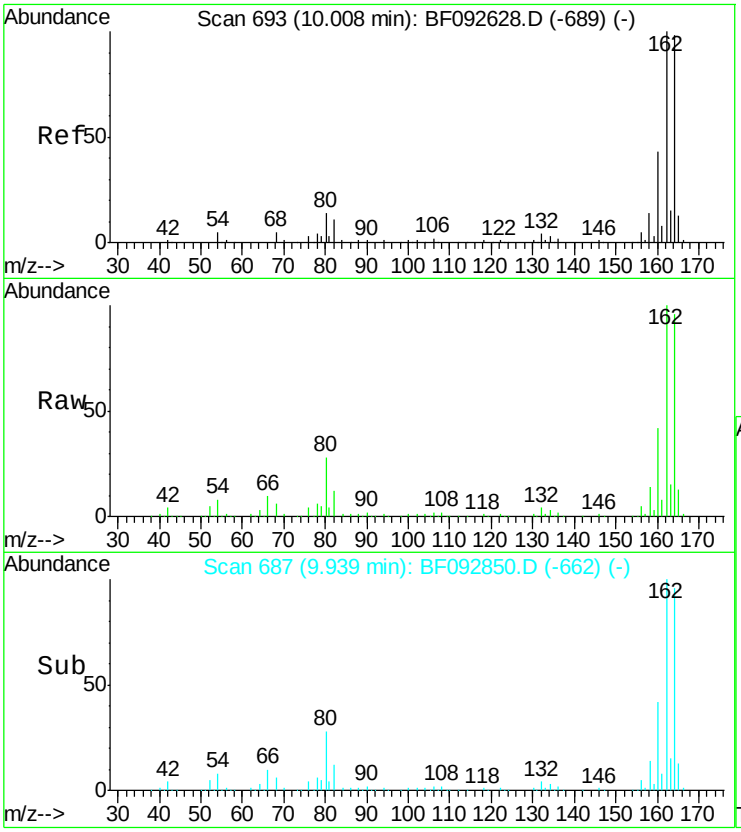


#25
Isophorone
Concen: 32.82 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.26 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Tgt Ion: 82 Resp: 621287

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



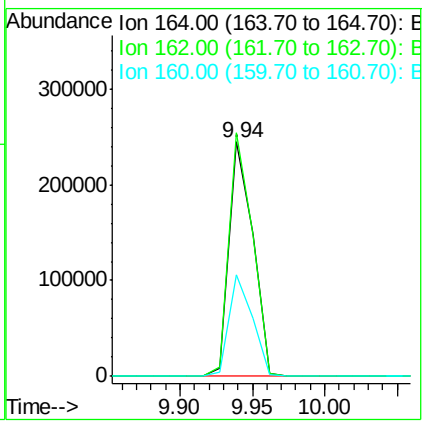


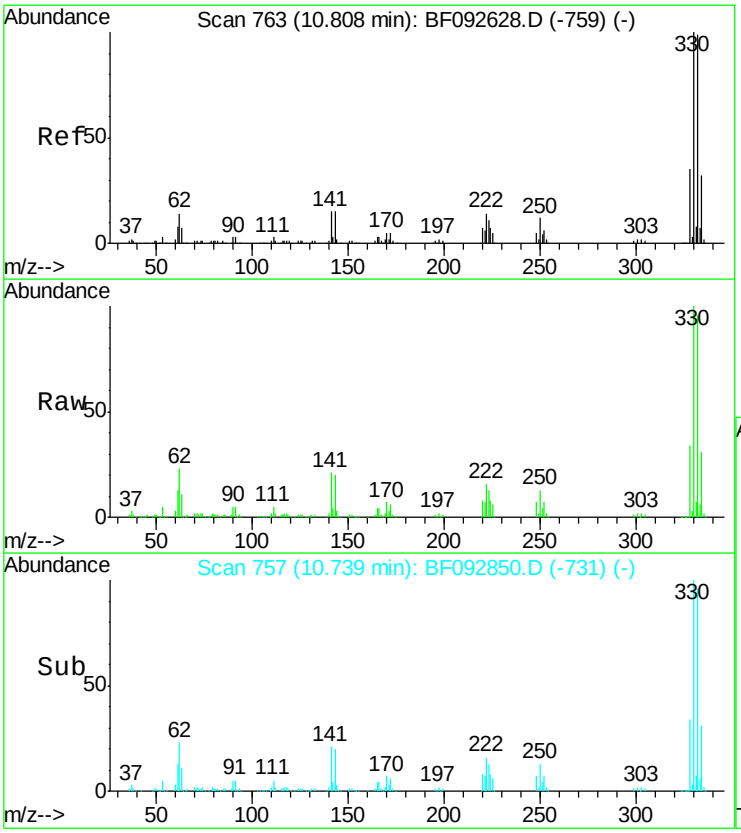
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Instrument :
BNA_F
ClientSampleId :
DRUMS-SOIL-ROW-COMP

Tgt Ion:164 Resp: 279054

Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.2	120.2
160	43.2	36.9	55.3

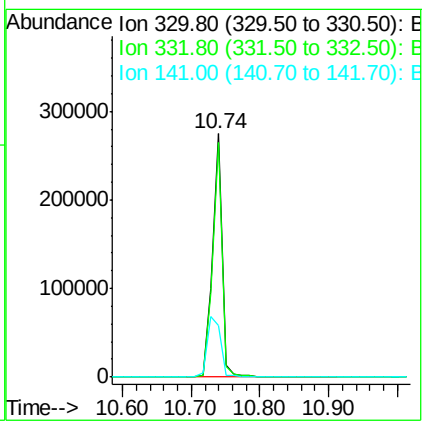


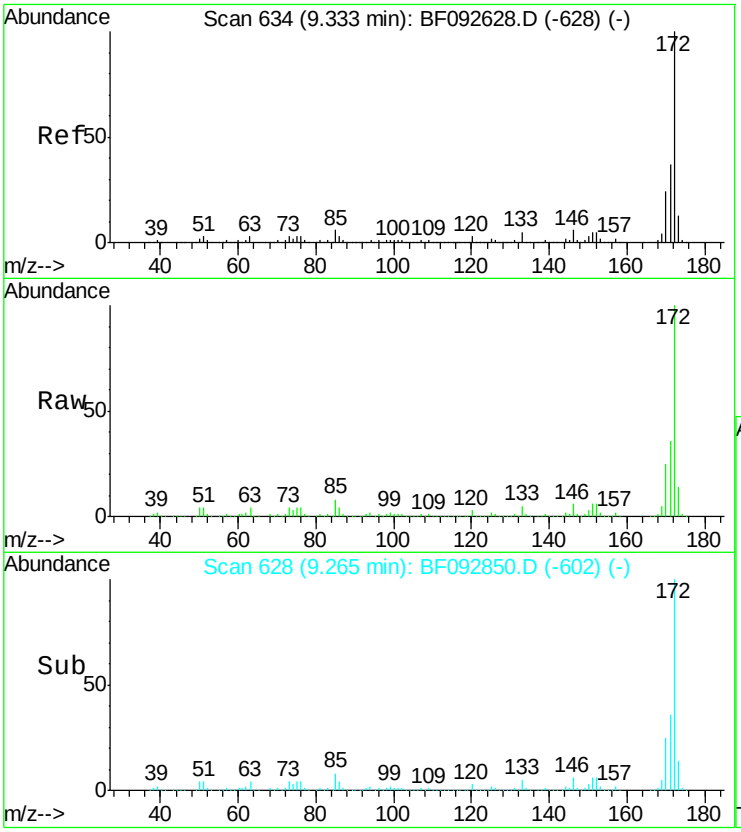


#41
2,4,6-Tribromophenol
Concen: 136.91 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Tgt Ion:330 Resp: 276329

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	34.0	34.1	51.1#



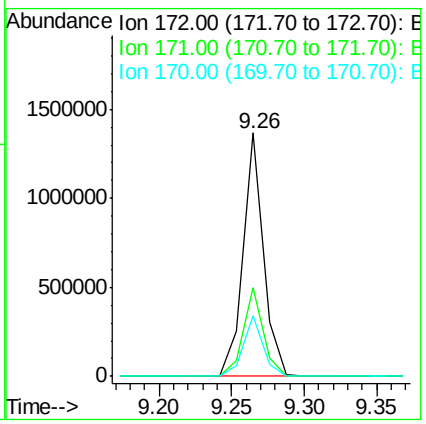


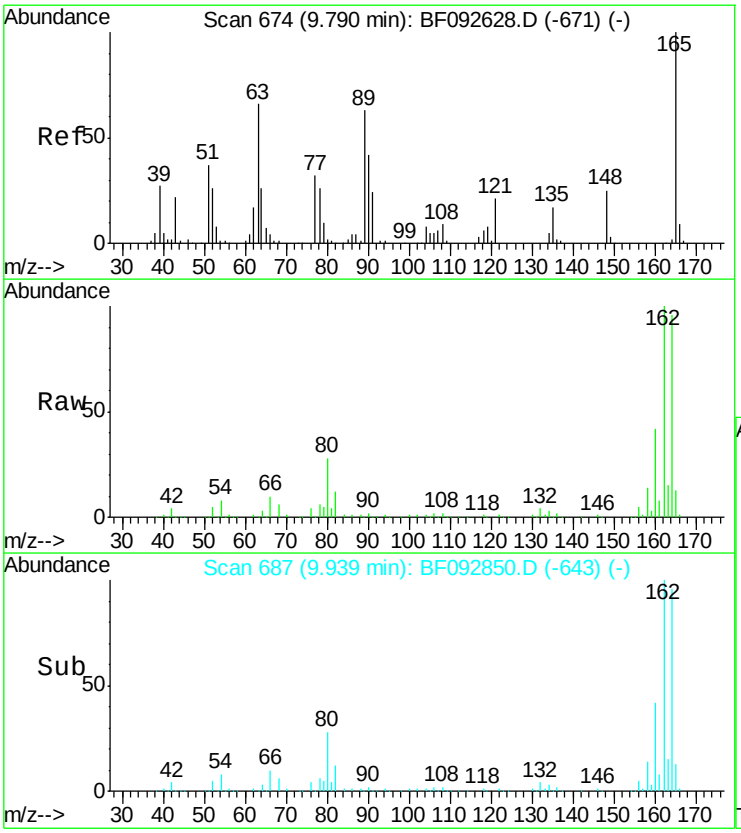
#44
2-Fluorobiphenyl
Concen: 86.81 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Instrument :
BNA_F
ClientSampleId :
DRUMS-SOIL-ROW-COMP

Tgt Ion:172 Resp: 1337210

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.7	20.2	30.4

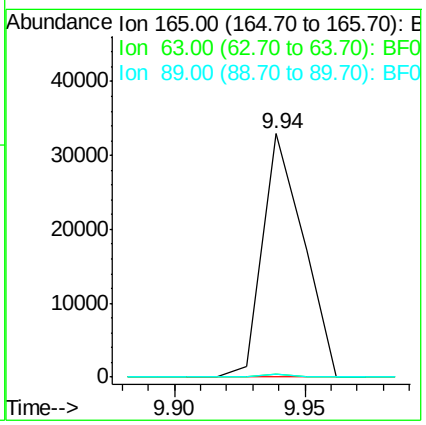


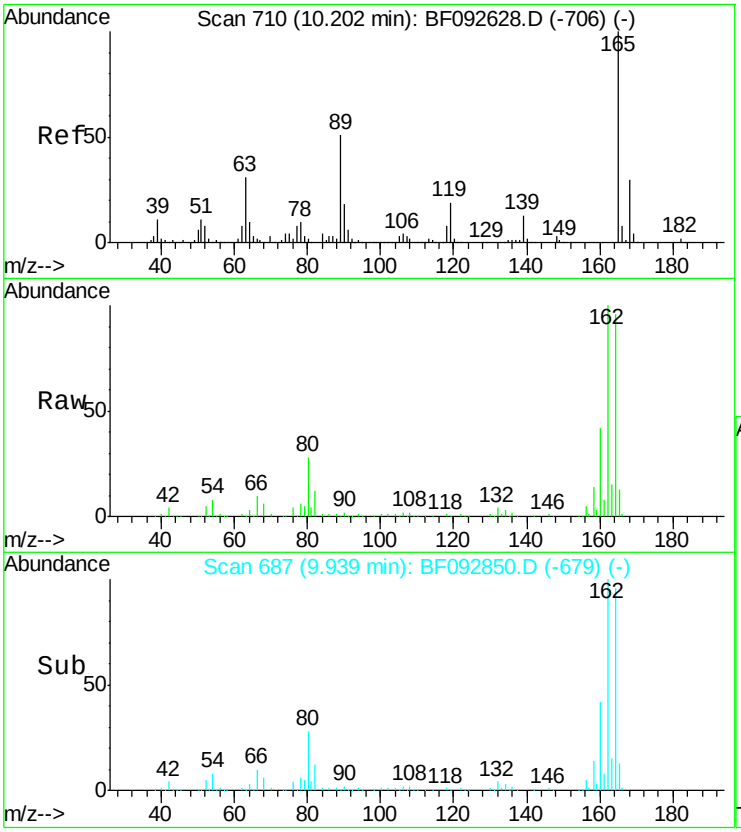


#50
2,6-Dinitrotoluene
Concen: 8.72 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.21 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Tgt Ion:165 Resp: 35404

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.2	54.4#
89	1.2	40.2	60.4#



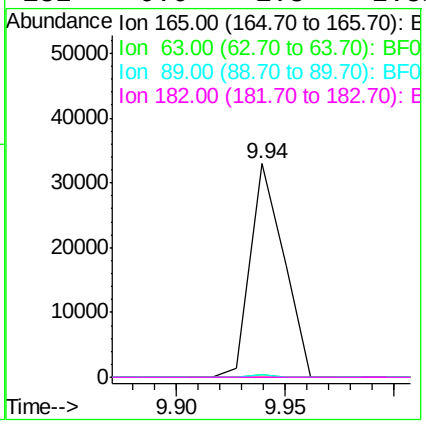


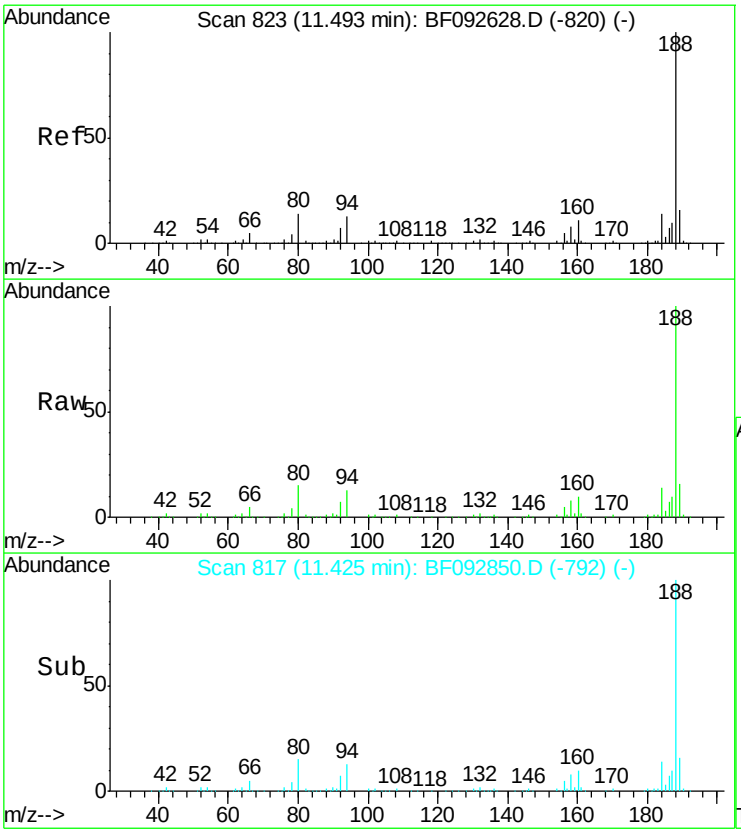
#56
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.21 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Instrument :
BNA_F
ClientSampleId :
DRUMS-SOIL-ROW-COMP

Tgt Ion:165 Resp: 35407

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#

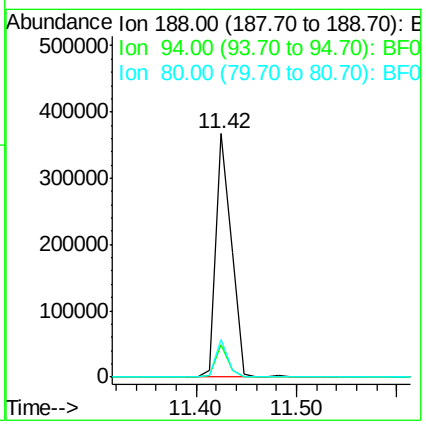


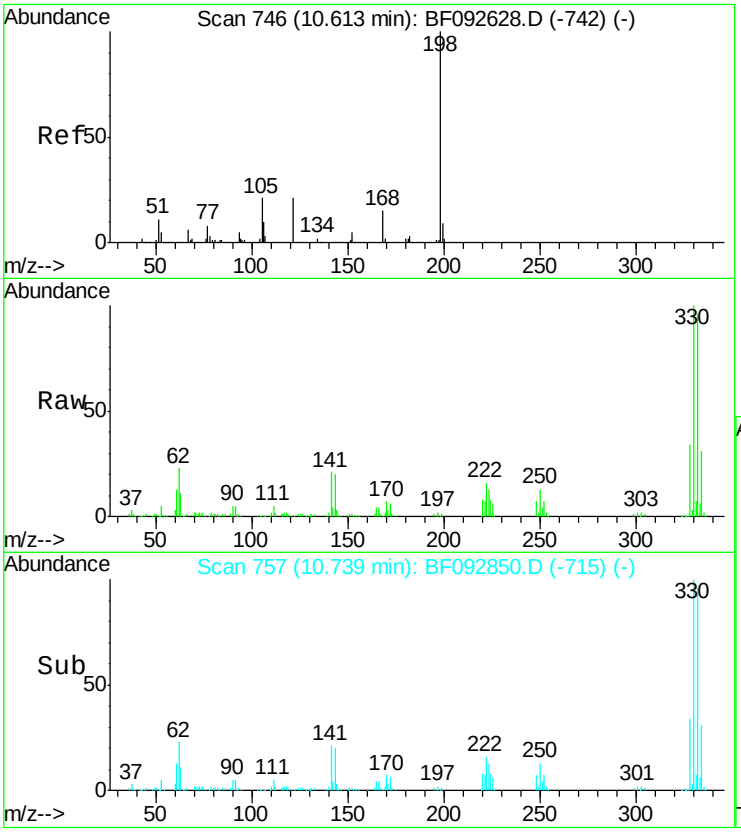


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Tgt Ion:188 Resp: 394726

Ion	Ratio	Lower	Upper
188	100		
94	13.3	10.0	15.0
80	15.4	11.2	16.8



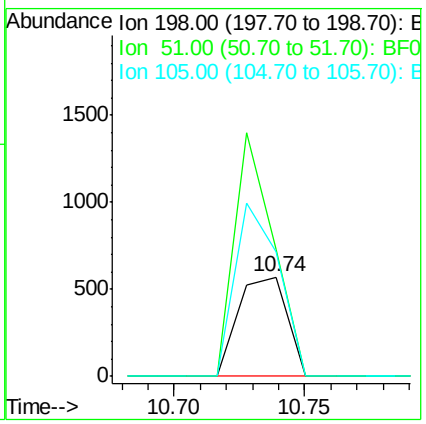


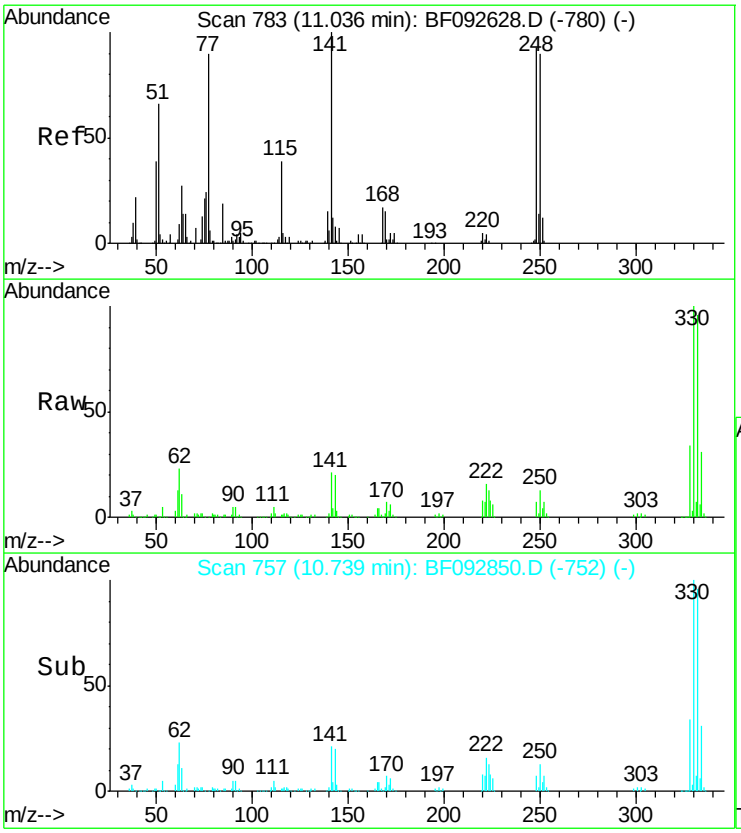
#64
4,6-Dinitro-2-methylphenol
Concen: 2.96 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.18 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Instrument :
BNA_F
ClientSampleId :
DRUMS-SOIL-ROW-COMP

Tgt Ion:198 Resp: 752

Ion	Ratio	Lower	Upper
198	100		
51	128.3	6.7	46.7#
105	125.5	16.6	56.6#

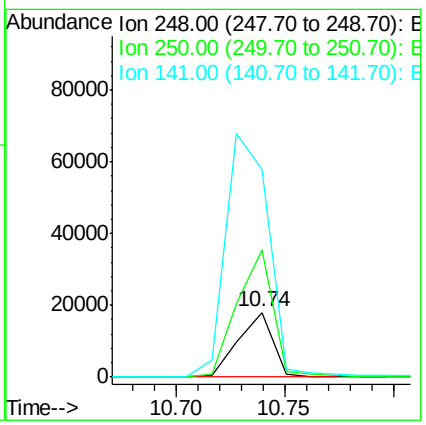


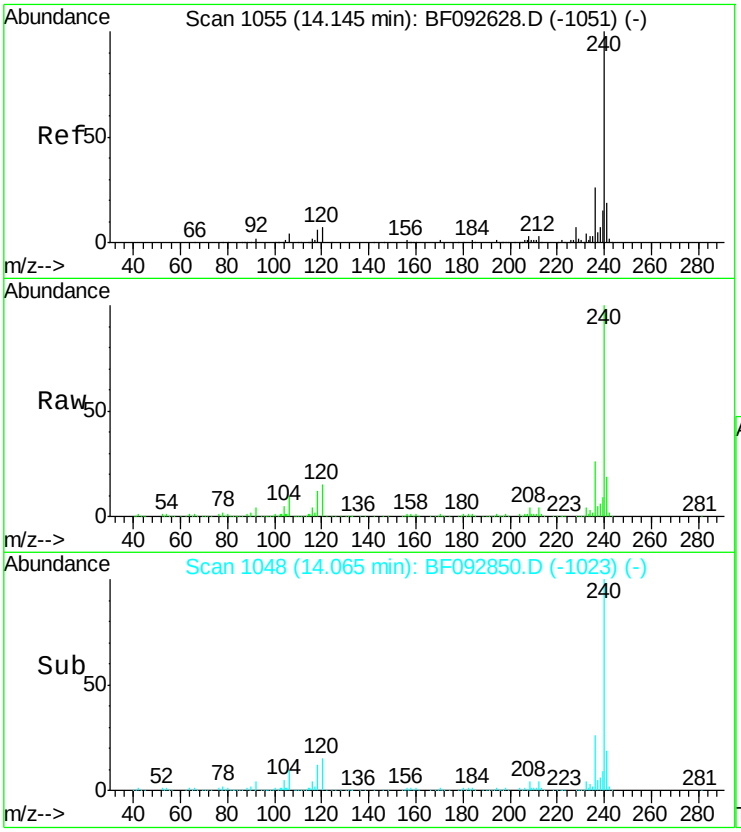


#66
4-Bromophenyl-phenylether
Concen: 4.80 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.24 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Tgt Ion:248 Resp: 19781

Ion	Ratio	Lower	Upper
248	100		
250	196.4	76.9	115.3#
141	321.5	68.2	102.4#



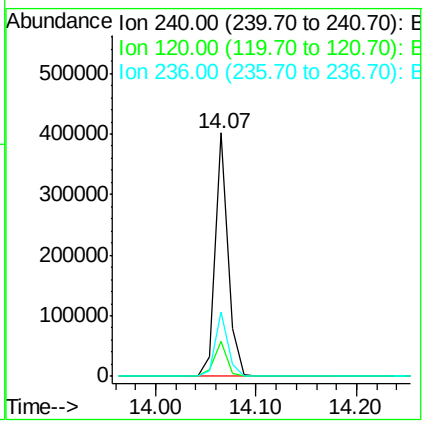


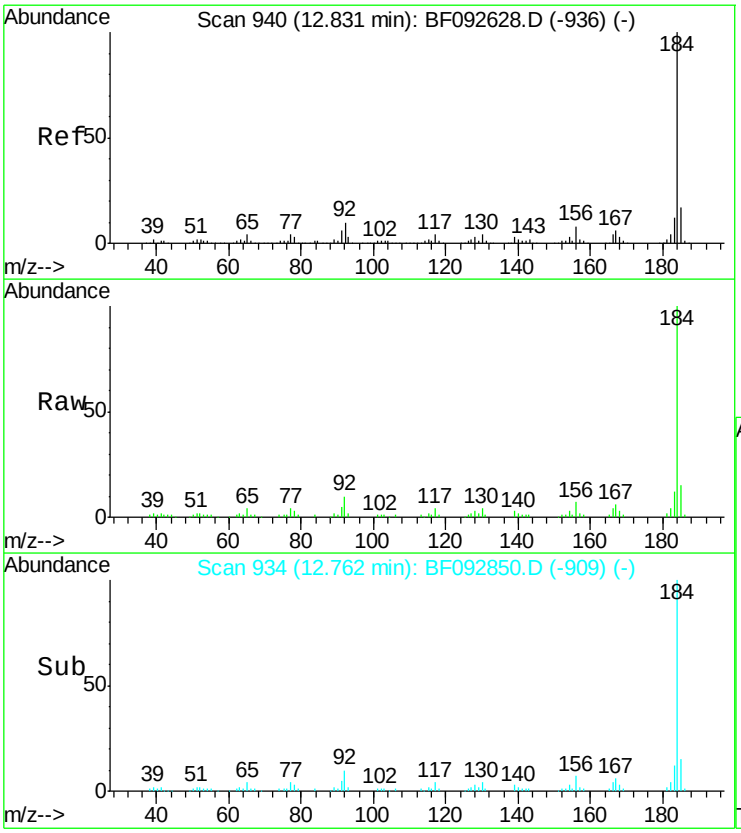
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Instrument :
BNA_F
ClientSampleId :
DRUMS-SOIL-ROW-COMP

Tgt Ion:240 Resp: 358404

Ion	Ratio	Lower	Upper
240	100		
120	14.6	12.9	19.3
236	26.3	20.9	31.3

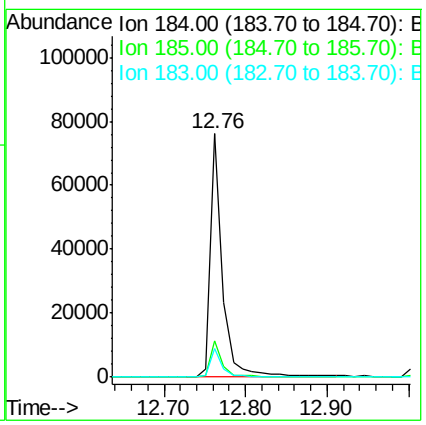


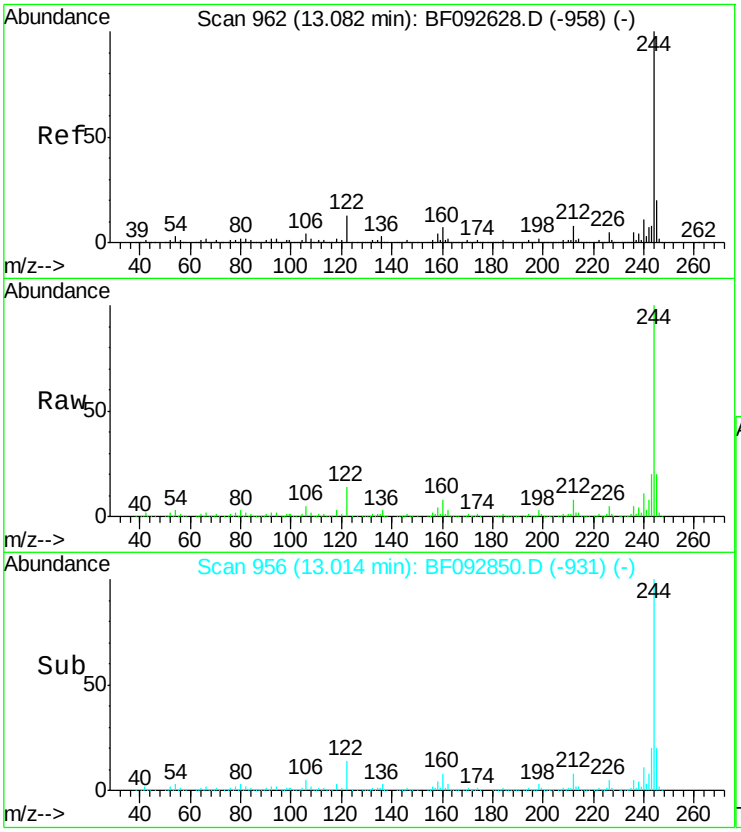


#76
Benzidine
Concen: 5.26 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Tgt Ion:184 Resp: 80328

Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.4	20.0
183	11.8	9.2	13.8



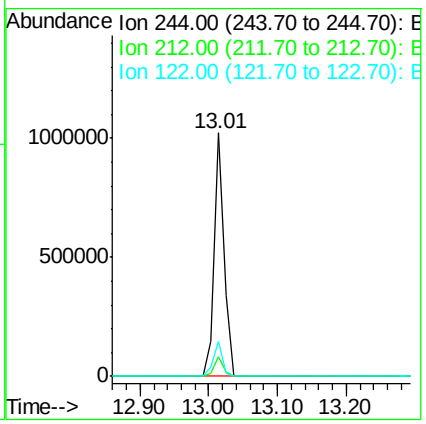


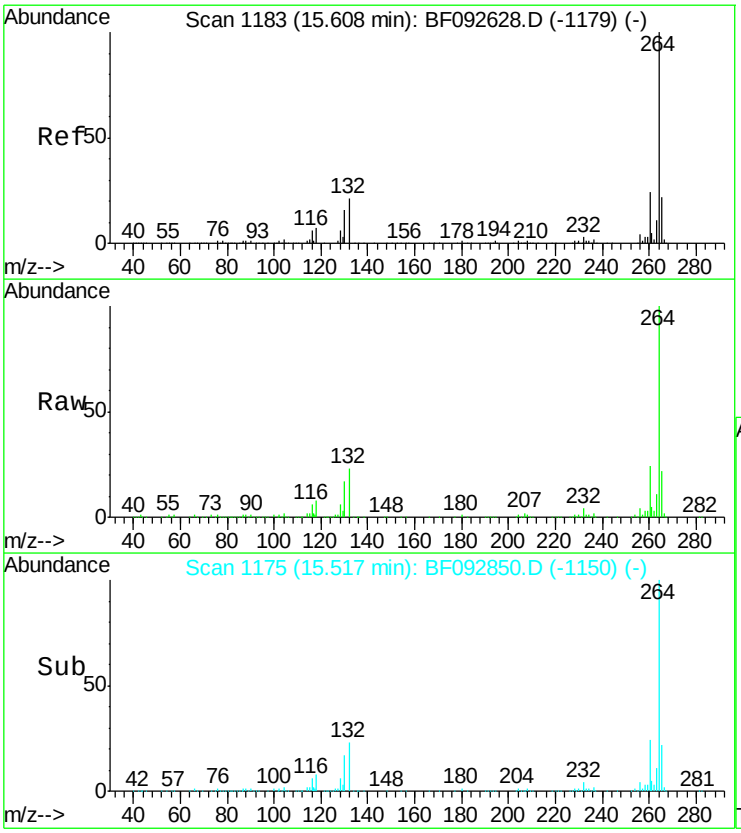
#78
Terphenyl-d14
Concen: 68.34 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Instrument :
BNA_F
ClientSampleId :
DRUMS-SOIL-ROW-COMP

Tgt Ion:244 Resp: 1042476

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.4	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Tgt Ion:264 Resp: 269007

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	17.4	26.0