Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091561.D
Acq On : 13 Dec 2016 18:35
Operator : UM/SJ
Sample : PB95263BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95263BL

Quant Time: Dec 14 00:22:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	322818	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	1343639	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	617694	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	951043	20.00	ng		0.00
75) Chrysene-d12	13.96	240	703145	20.00	ng		0.00
86) Perylene-d12	15.38	264	711531	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2265563	118.24	ng		0.01
7) Phenol-d6	6.45	99	2718241	113.79	ng		0.00
23) Nitrobenzene-d5	7.38	82	1880894	78.13	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	502951	98.03	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2743035	76.73	ng		-0.01
78) Terphenyl-d14	12.92	244	2215580	71.50	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	54309	3.30	ng		84
19) n-Nitroso-di-n-propylamine	7.38	70	257682	17.25	ng	#	63
20) 3+4-Methylphenols	6.97	107	281	Below Cal		#	1
50) 2,6-Dinitrotoluene	9.85	165	83061	9.68	ng	#	16
56) 2,4-Dinitrotoluene	9.85	165	83048	7.72	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.64	198	1002	3.11	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	32995	3.38	ng	#	1

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

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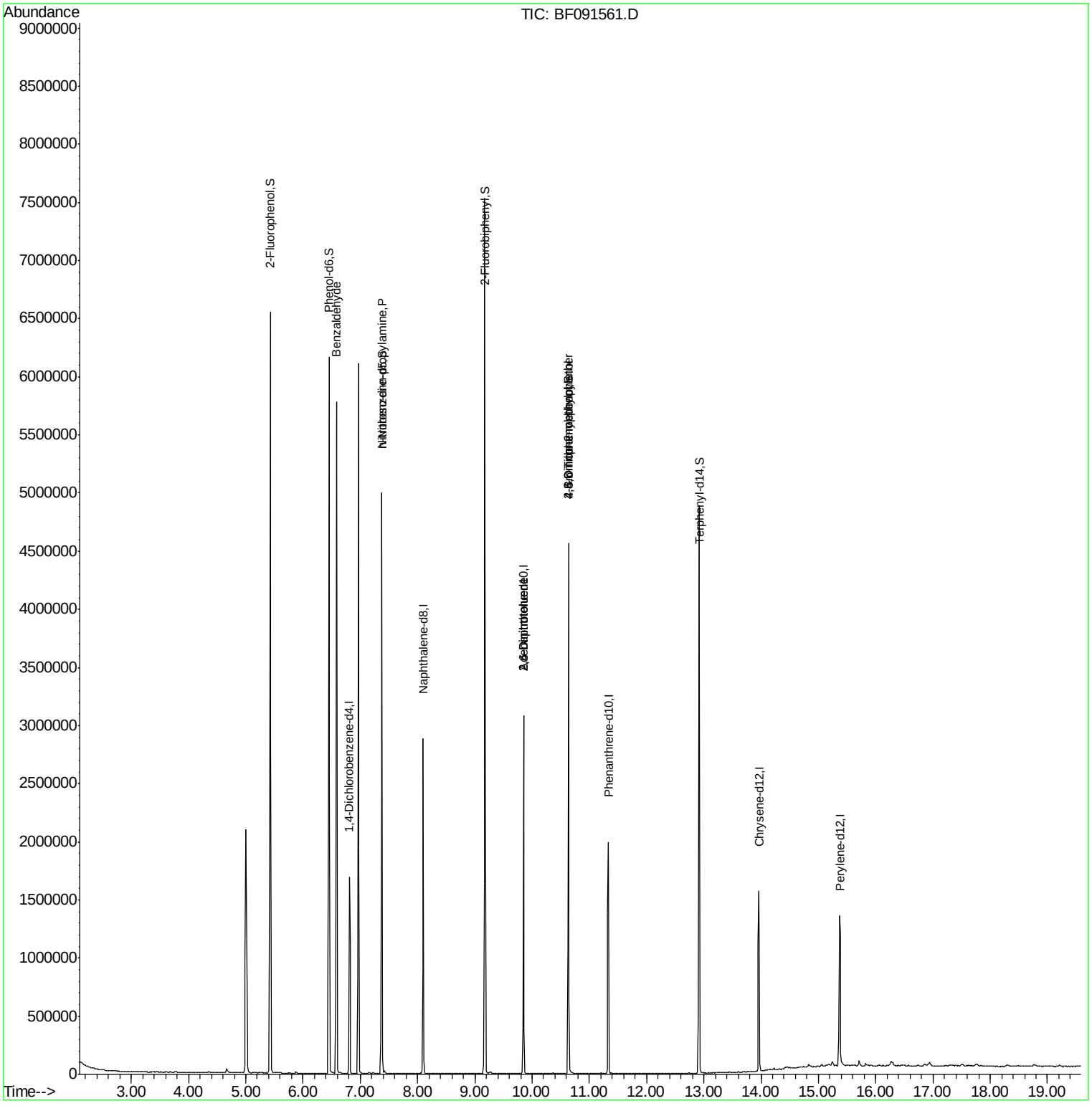
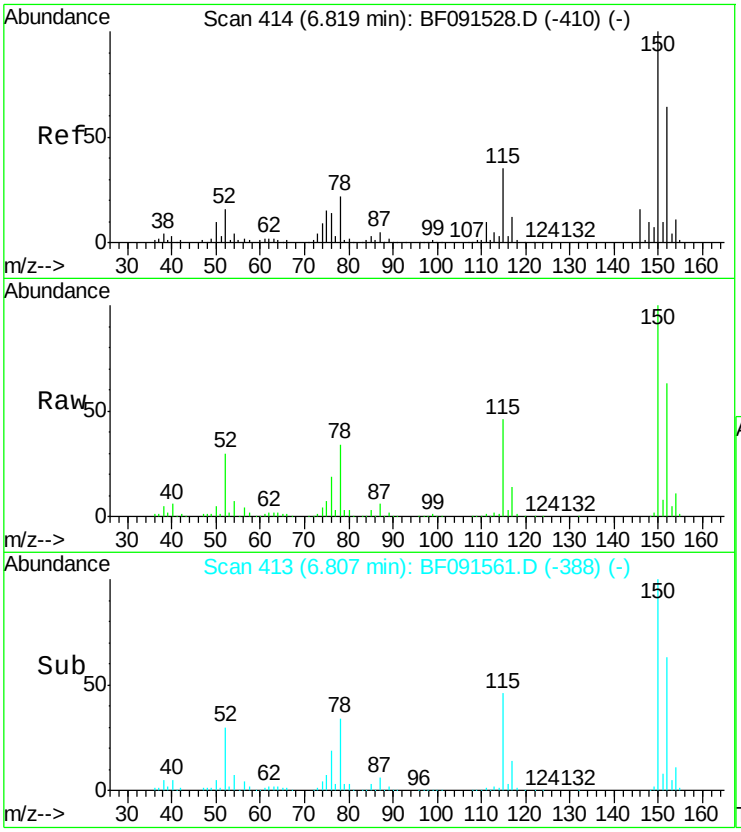


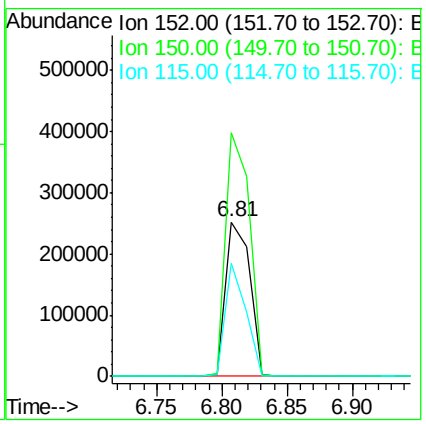


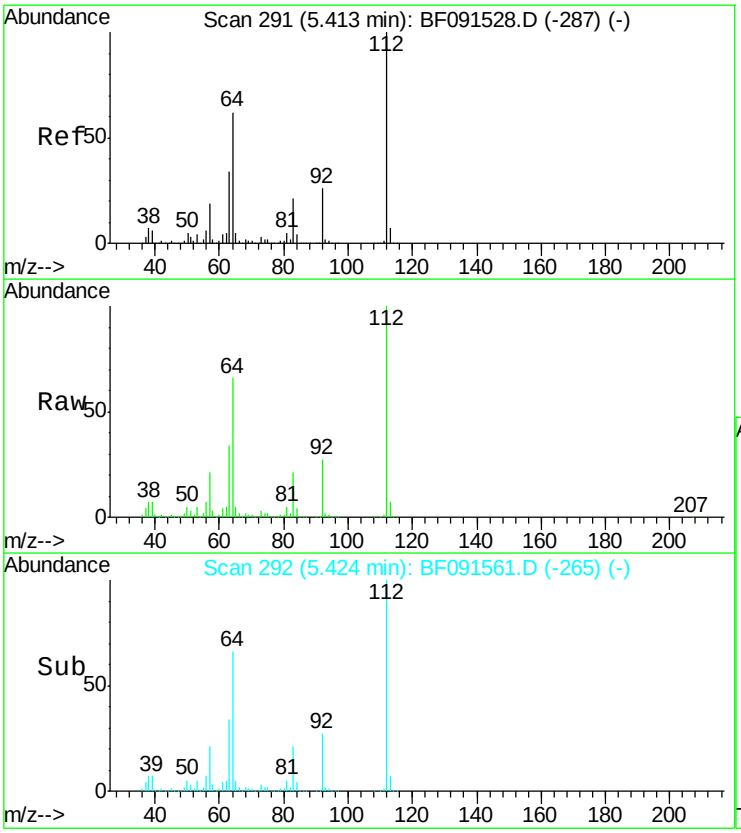
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF091561.D
Acq: 13 Dec 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB95263BL

Tgt Ion:152 Resp: 322818

Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.5	183.7
115	73.0	51.8	77.8

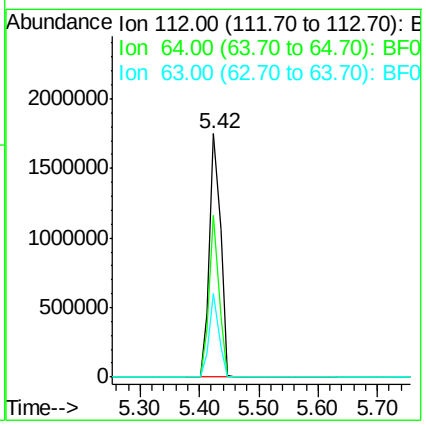


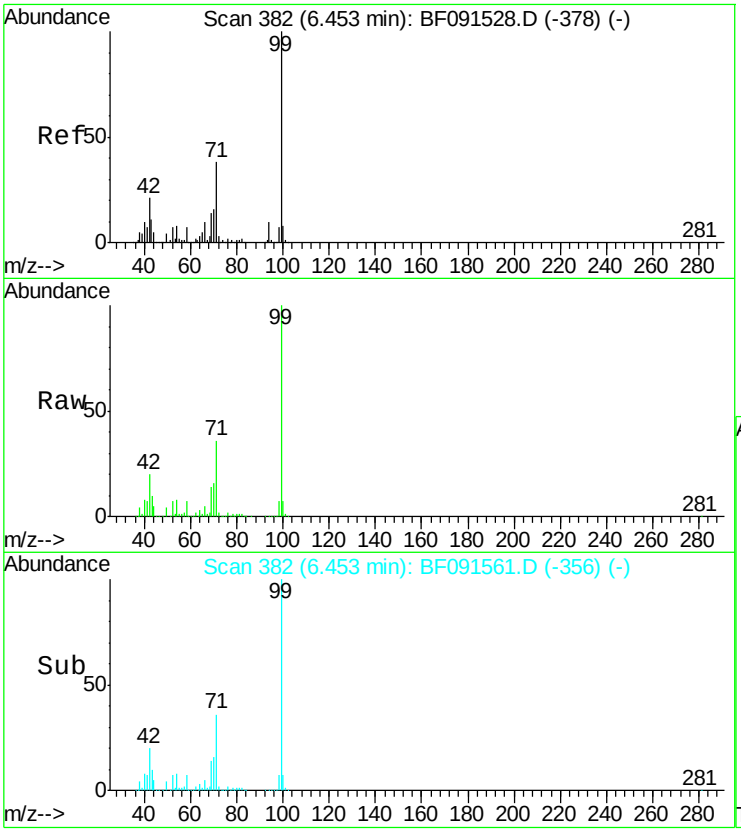


#5
2-Fluorophenol
Concen: 118.24 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF091561.D
Acq: 13 Dec 2016 18:35

Tgt Ion:112 Resp: 2265563

Ion	Ratio	Lower	Upper
112	100		
64	66.1	61.5	92.3
63	34.3	33.3	49.9



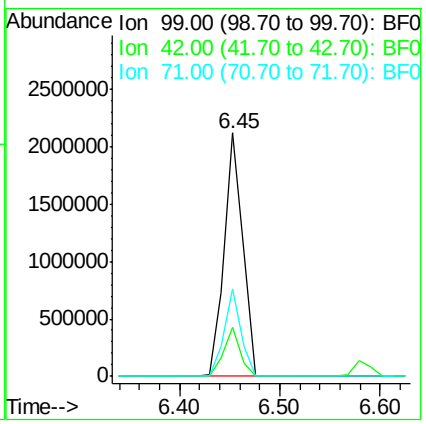


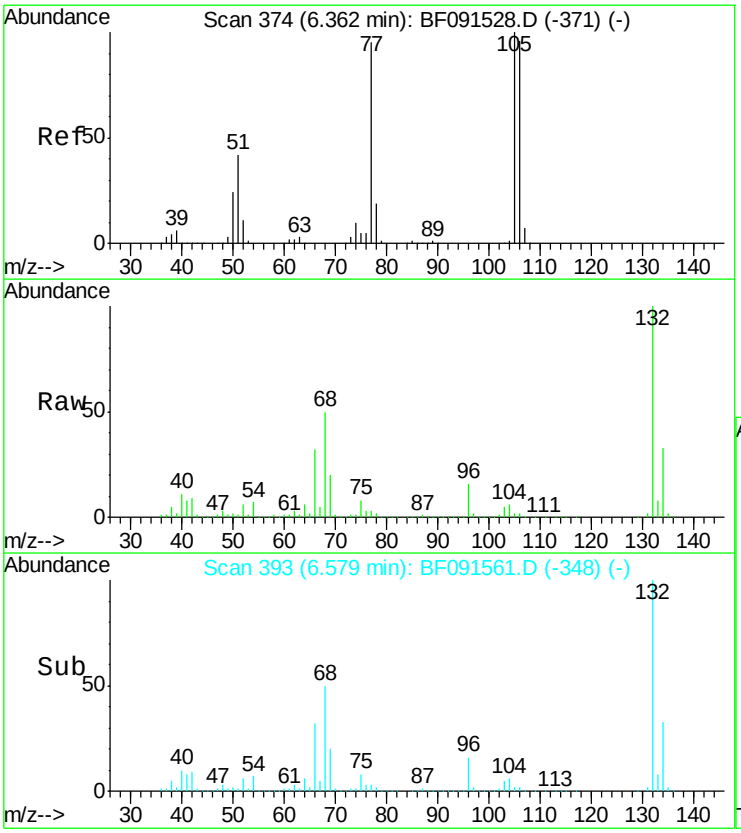
#7
Phenol-d6
Concen: 113.79 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF091561.D
Acq: 13 Dec 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB95263BL

Tgt Ion: 99 Resp: 2718241

Ion	Ratio	Lower	Upper
99	100		
42	20.3	20.6	31.0#
71	36.0	29.9	44.9

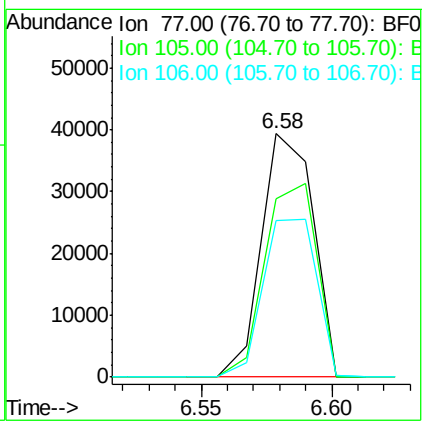


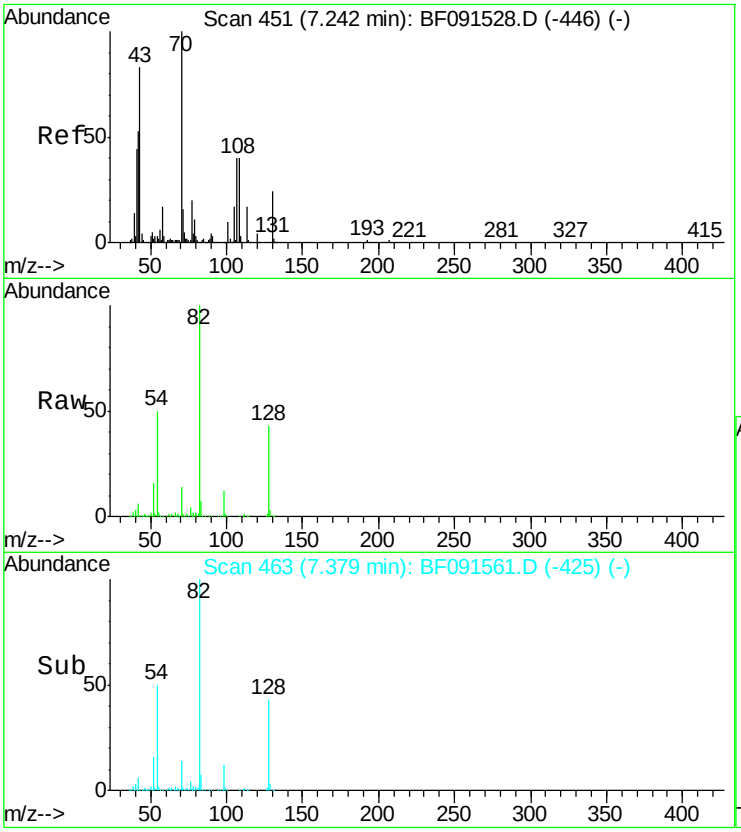


#9
Benzaldehyde
Concen: 3.30 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.22 min
Lab File: BF091561.D
Acq: 13 Dec 2016 18:35

Tgt Ion: 77 Resp: 54309

Ion	Ratio	Lower	Upper
77	100		
105	73.2	66.4	106.4
106	64.5	60.9	100.9



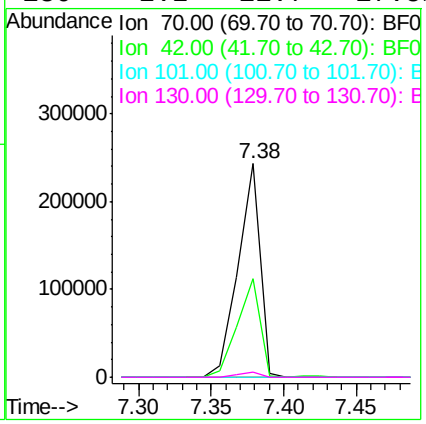


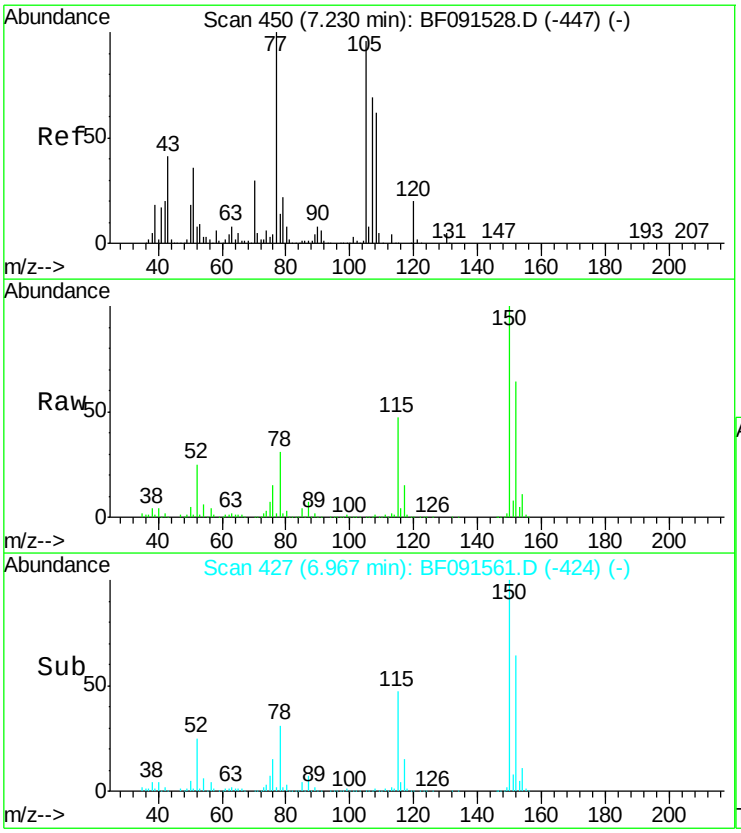
#19
n-Nitroso-di-n-propylamine
Concen: 17.25 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.14 min
Lab File: BF091561.D
Acq: 13 Dec 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB95263BL

Tgt Ion: 70 Resp: 257682

Ion	Ratio	Lower	Upper
70	100		
42	45.9	64.8	97.2#
101	0.0	6.2	9.4#
130	2.2	11.7	17.5#

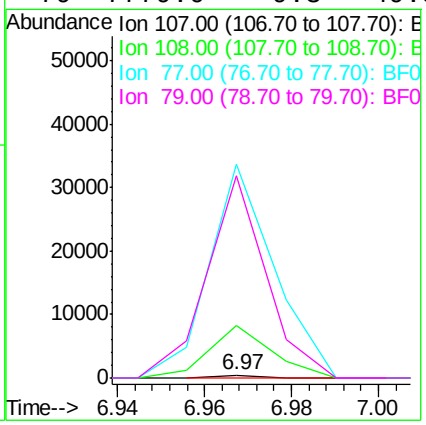


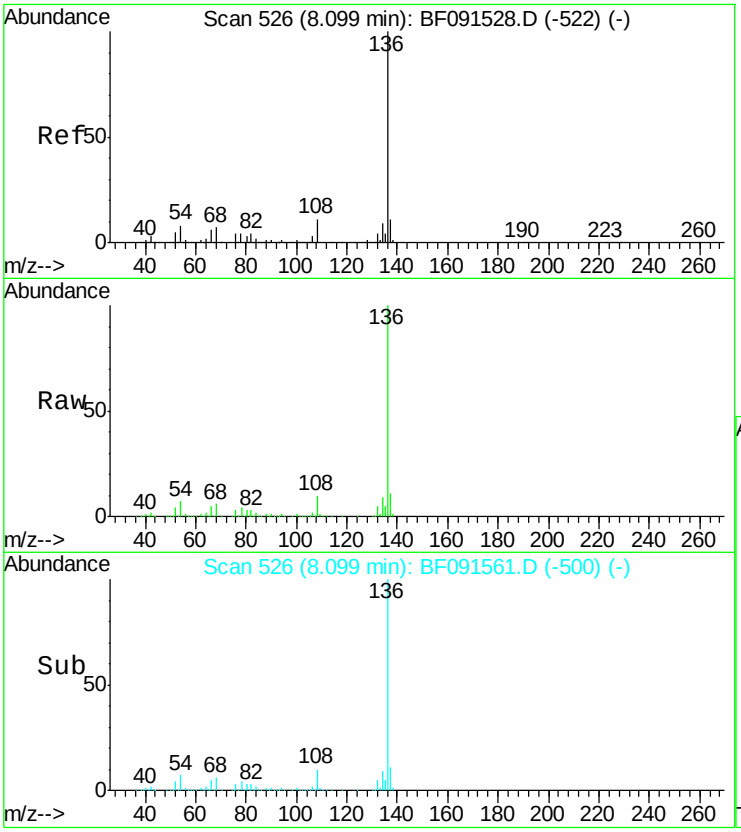


#20
3+4-Methylphenols
Concen: Below Cal
RT: 6.97 min Scan# 427
Delta R.T. -0.26 min
Lab File: BF091561.D
Acq: 13 Dec 2016 18:35

Tgt Ion:107 Resp: 281

Ion	Ratio	Lower	Upper
107	100		
108	2044.3	64.6	104.6#
77	8230.8	30.9	70.9#
79	7779.0	9.3	49.3#



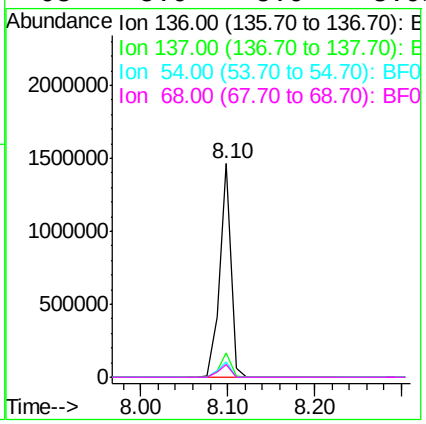


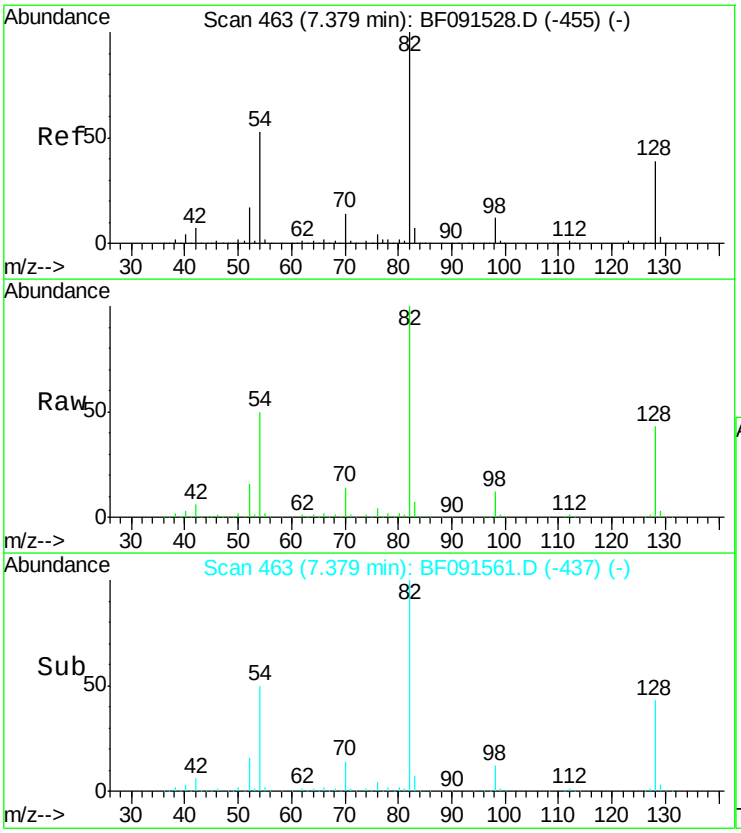
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091561.D
Acq: 13 Dec 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB95263BL

Tgt Ion:136 Resp: 1343639

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.3	9.1	13.7#
68	5.9	5.9	8.9#

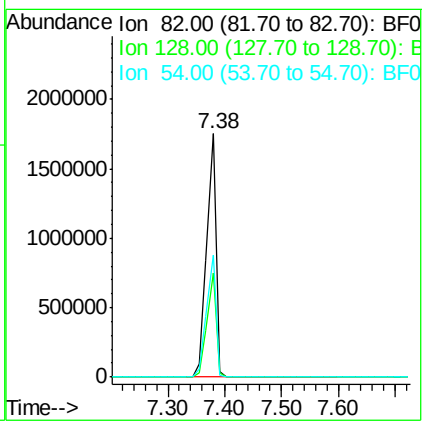


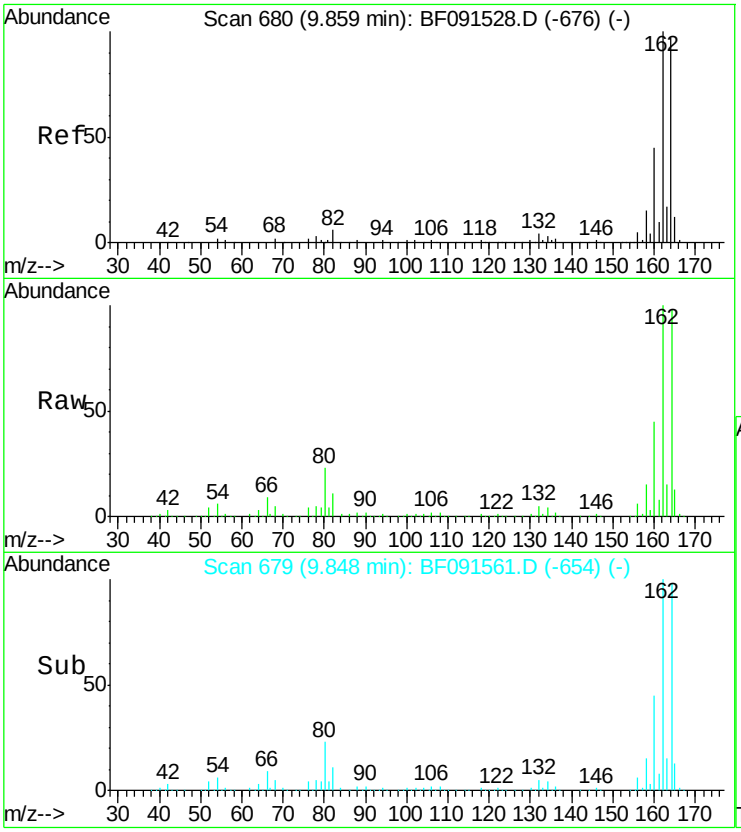


#23
Nitrobenzene-d5
Concen: 78.13 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF091561.D
Acq: 13 Dec 2016 18:35

Tgt Ion: 82 Resp: 1880894

Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.8	47.6
54	50.2	49.1	73.7



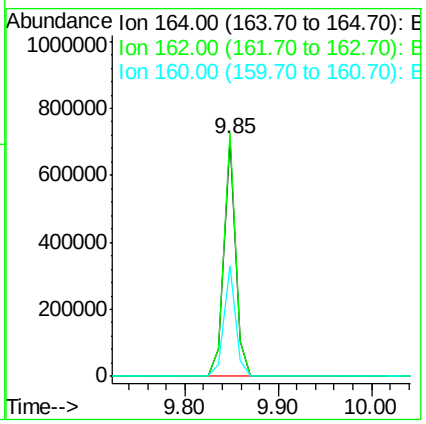


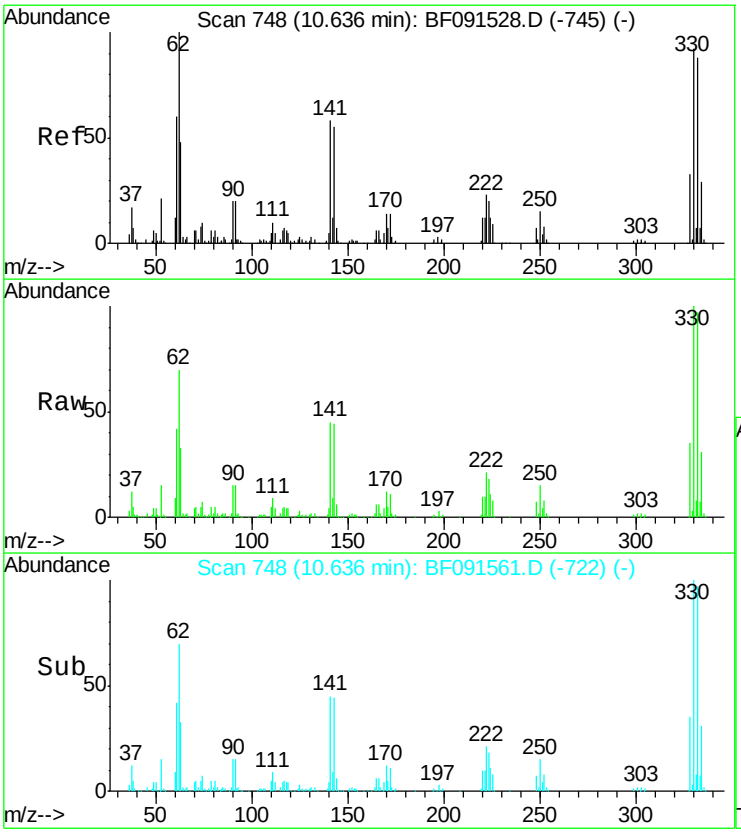
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091561.D
Acq: 13 Dec 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB95263BL

Tgt Ion:164 Resp: 617694

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	124.0
160	46.4	36.7	55.1

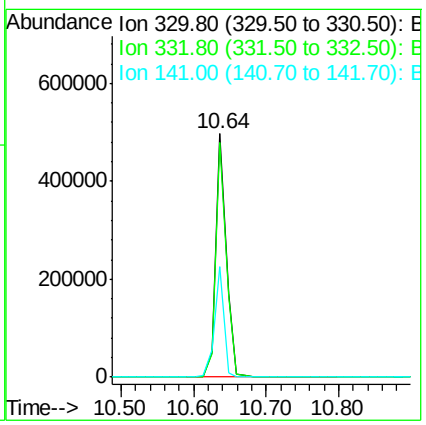


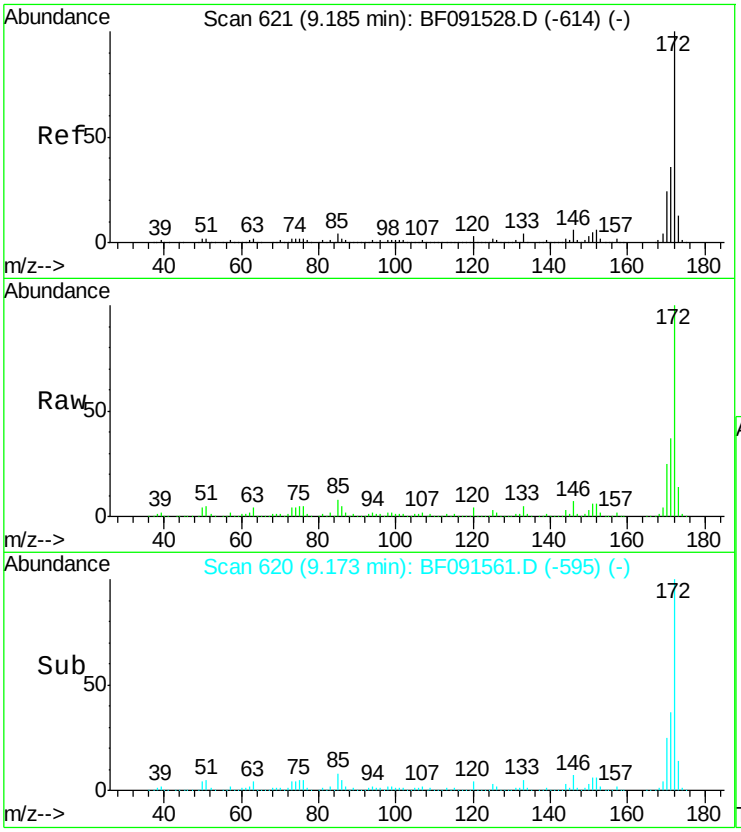


#41
2,4,6-Tribromophenol
Concen: 98.03 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF091561.D
Acq: 13 Dec 2016 18:35

Tgt Ion:330 Resp: 502951

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	40.2	33.6	50.4



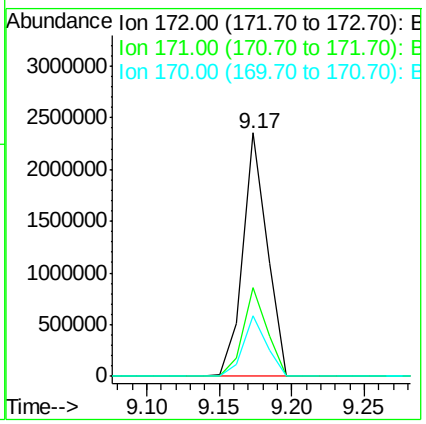


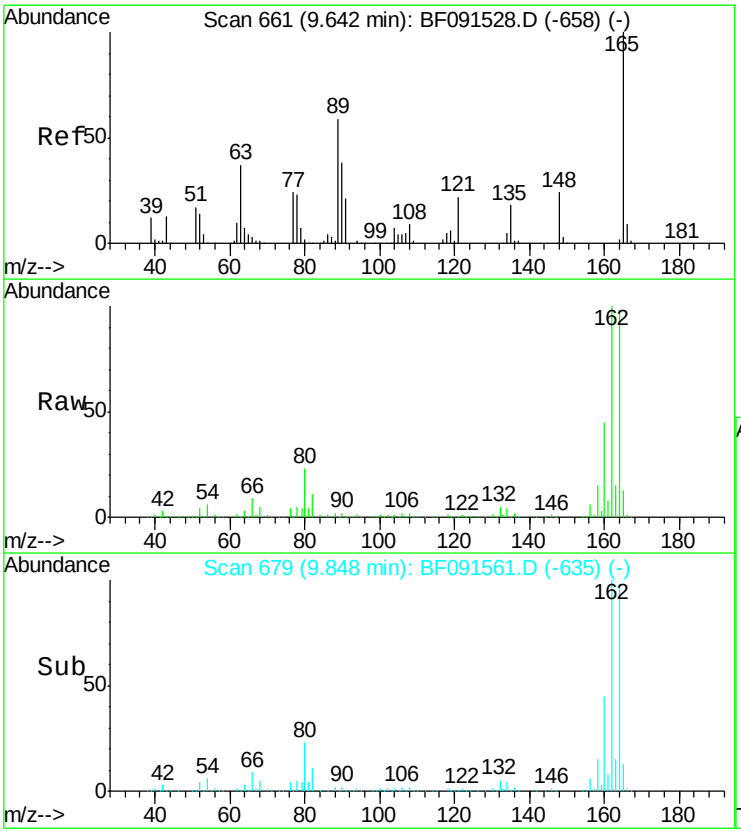
#44
2-Fluorobiphenyl
Concen: 76.73 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091561.D
Acq: 13 Dec 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB95263BL

Tgt Ion:172 Resp: 2743035

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.9	19.7	29.5

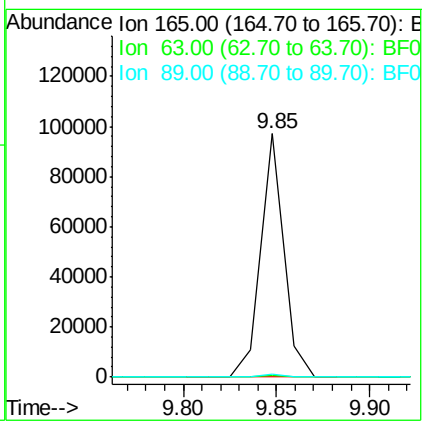


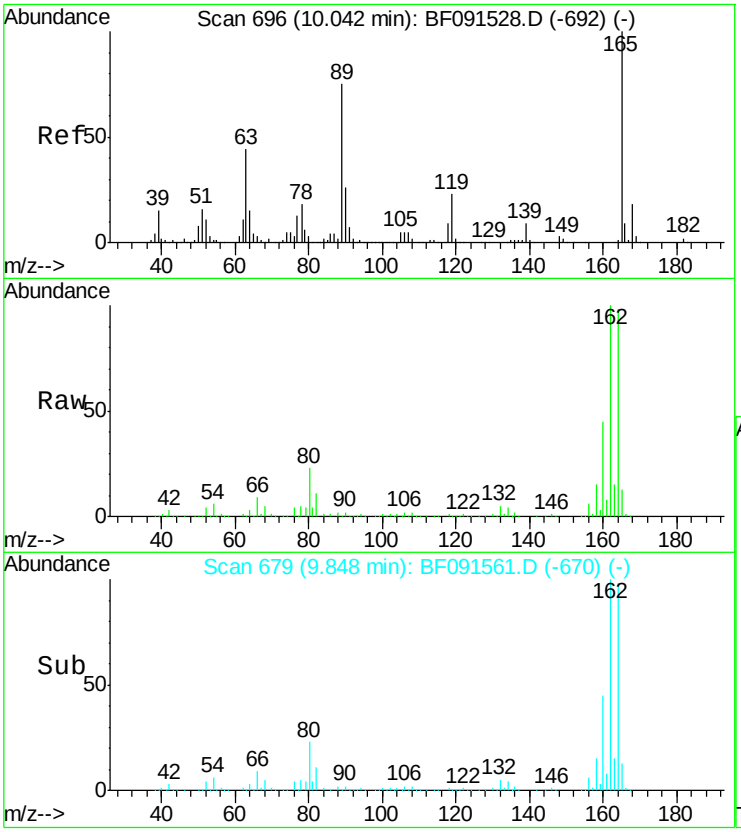


#50
2,6-Dinitrotoluene
Concen: 9.68 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.21 min
Lab File: BF091561.D
Acq: 13 Dec 2016 18:35

Tgt Ion:165 Resp: 83061

Ion	Ratio	Lower	Upper
165	100		
63	0.9	59.4	89.0#
89	1.1	50.8	76.2#



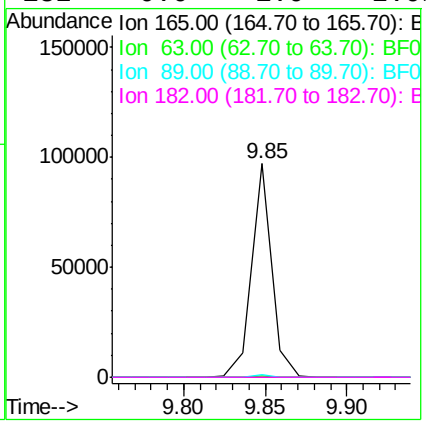


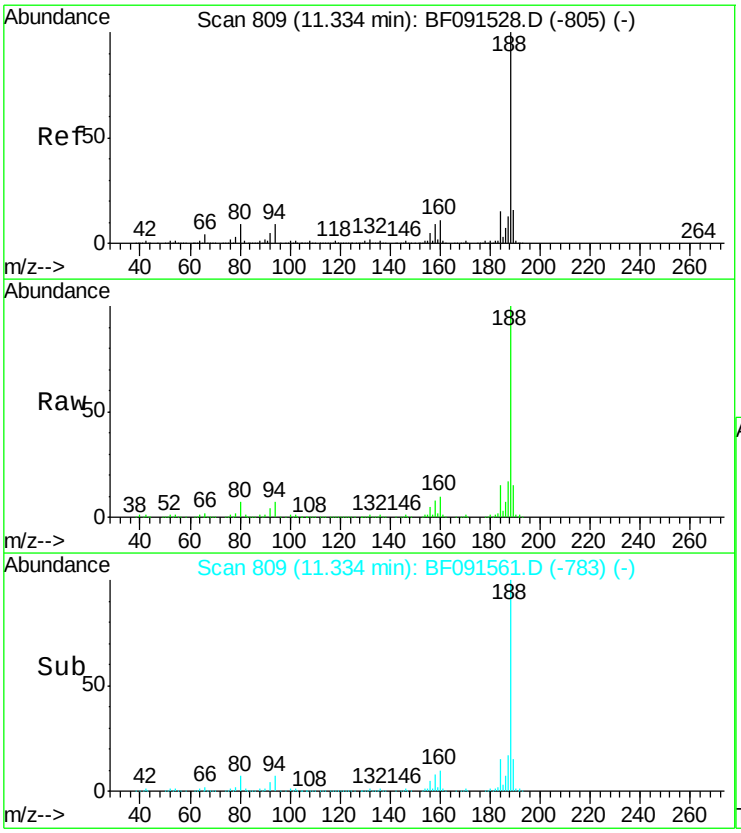
#56
2,4-Dinitrotoluene
Concen: 7.72 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.19 min
Lab File: BF091561.D
Acq: 13 Dec 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB95263BL

Tgt Ion:165 Resp: 83048

Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091561.D
Acq: 13 Dec 2016 18:35

Tgt Ion:188 Resp: 951043

Ion	Ratio	Lower	Upper
188	100		
94	7.1	9.2	13.8#
80	6.8	10.5	15.7#