Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
Data File : BF091226.D
Acq On : 17 Nov 2016 21:37
Operator : UM/SJ
Sample : H5681-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WQ-2W

Quant Time: Nov 18 03:09:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	185393	20.00	ng		-0.05
21) Naphthalene-d8	7.90	136	762945	20.00	ng		-0.05
38) Acenaphthene-d10	9.65	164	403145	20.00	ng		-0.05
63) Phenanthrene-d10	11.14	188	731354	20.00	ng		-0.03
75) Chrysene-d12	13.77	240	471874	20.00	ng		-0.05
86) Perylene-d12	15.14	264	343489	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	815371	72.64	ng		-0.03
7) Phenol-d6	6.27	99	705380	46.30	ng		-0.05
23) Nitrobenzene-d5	7.20	82	1231222	88.03	ng		-0.05
41) 2,4,6-Tribromophenol	10.45	330	556296	152.63	ng		-0.03
44) 2-Fluorobiphenyl	8.99	172	2035026	86.91	ng		-0.05
78) Terphenyl-d14	12.73	244	1844460	97.54	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	28019	3.31	ng		84
19) n-Nitroso-di-n-propylamine	7.20	70	164539	15.58	ng	#	72
25) Isophorone	7.20	82	1197278	44.43	ng	#	67
50) 2,6-Dinitrotoluene	9.65	165	51689	9.12	ng	#	12
56) 2,4-Dinitrotoluene	9.65	165	51691	7.17	ng	#	26
66) 4-Bromophenyl-phenylether	10.45	248	38876	5.11	ng	#	1

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

Quantitation Report (Not Reviewed)

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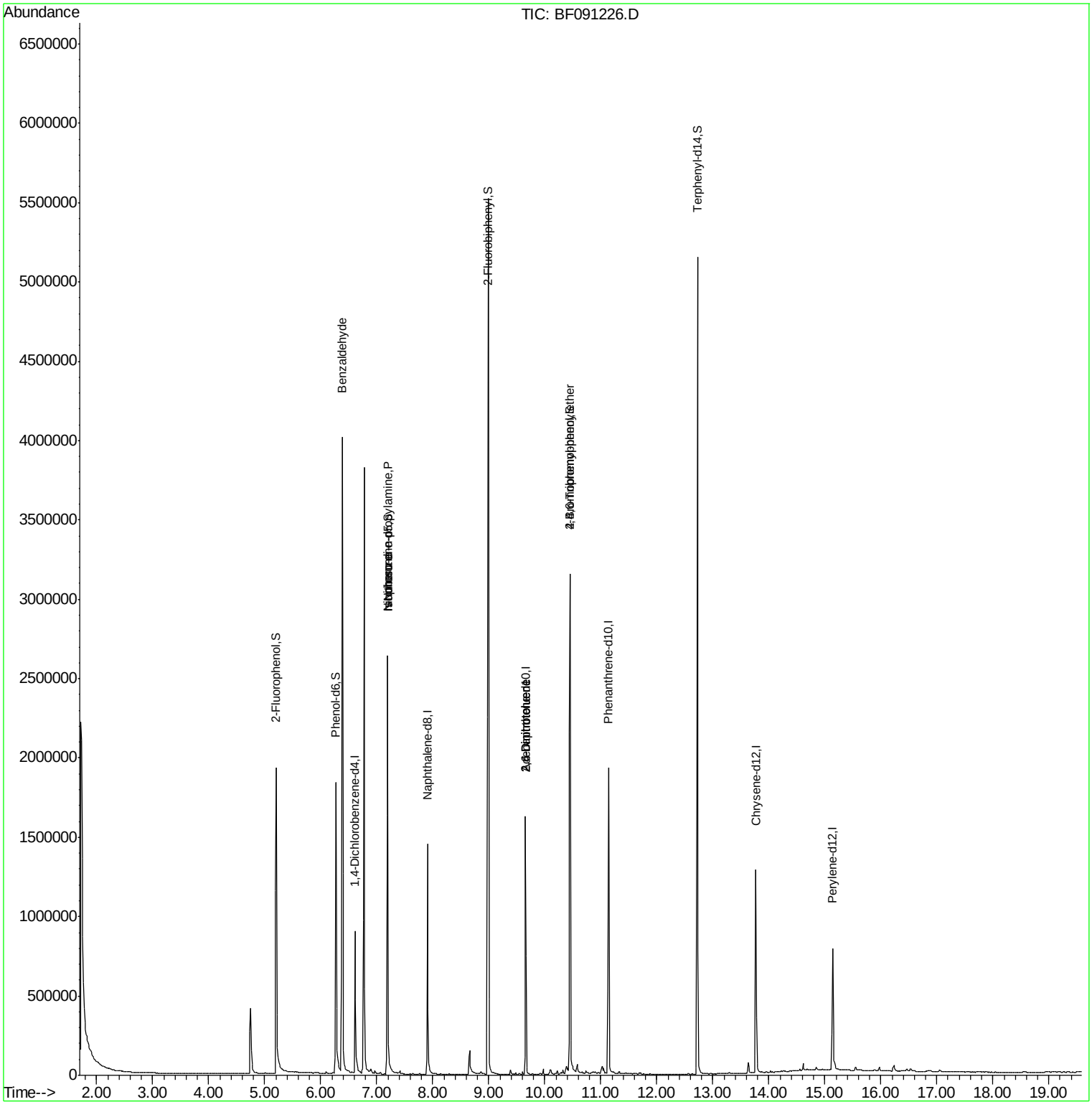
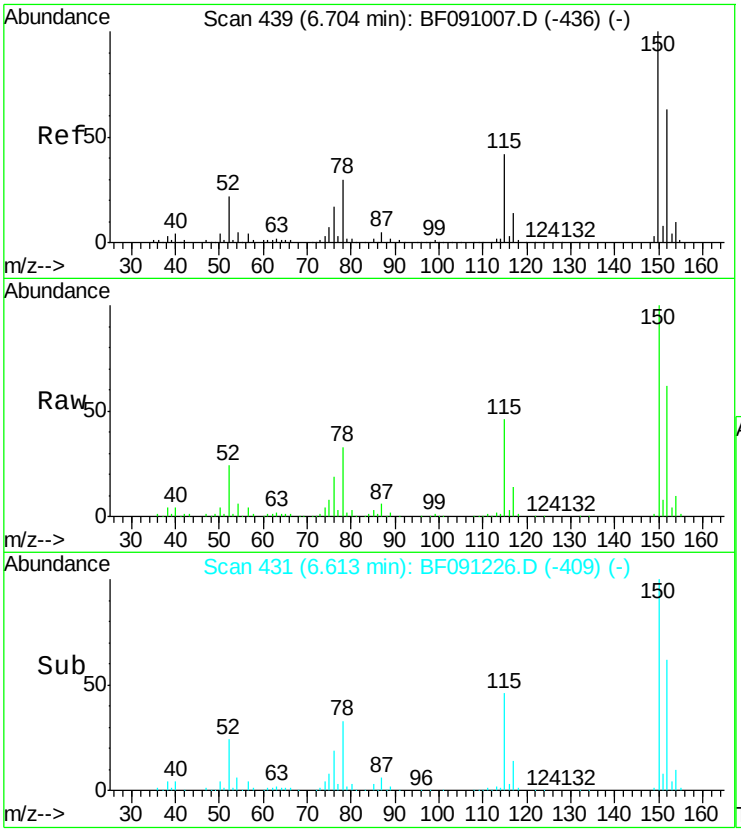


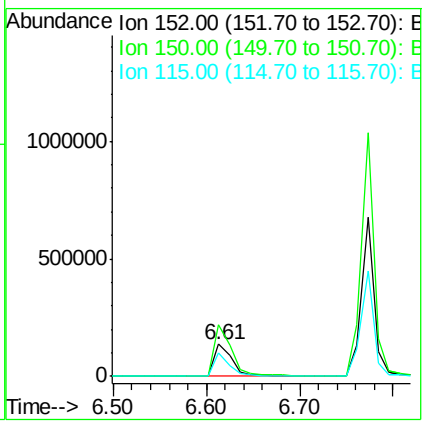


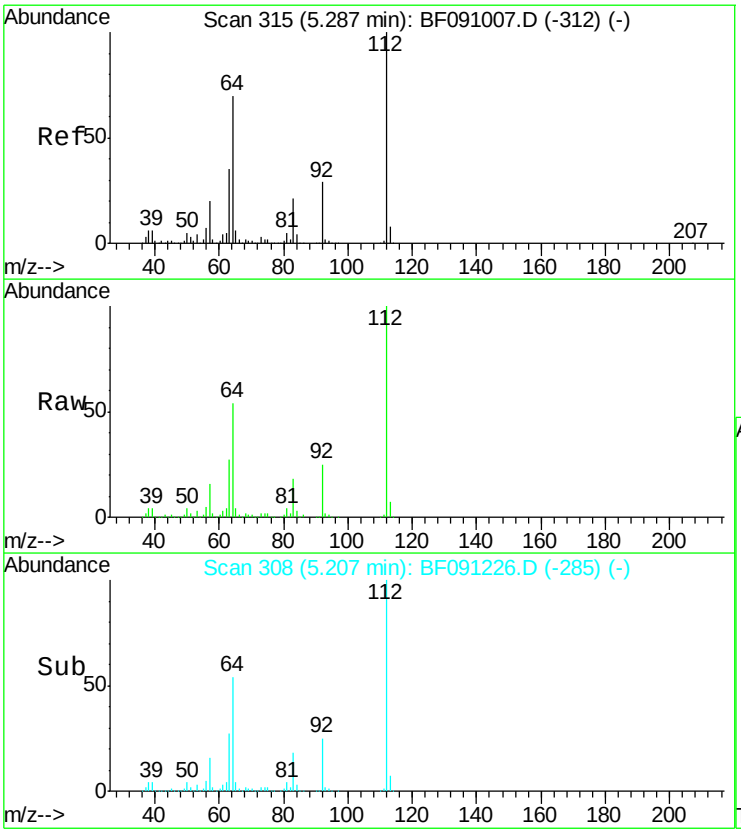
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Instrument :
BNA_F
ClientSampleId :
WQ-2W

Tgt Ion:152 Resp: 185393

Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.8	190.2
115	73.2	53.3	79.9

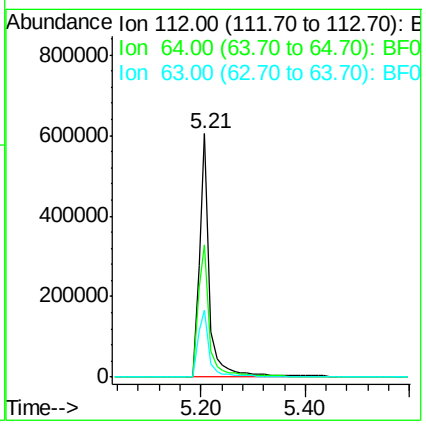


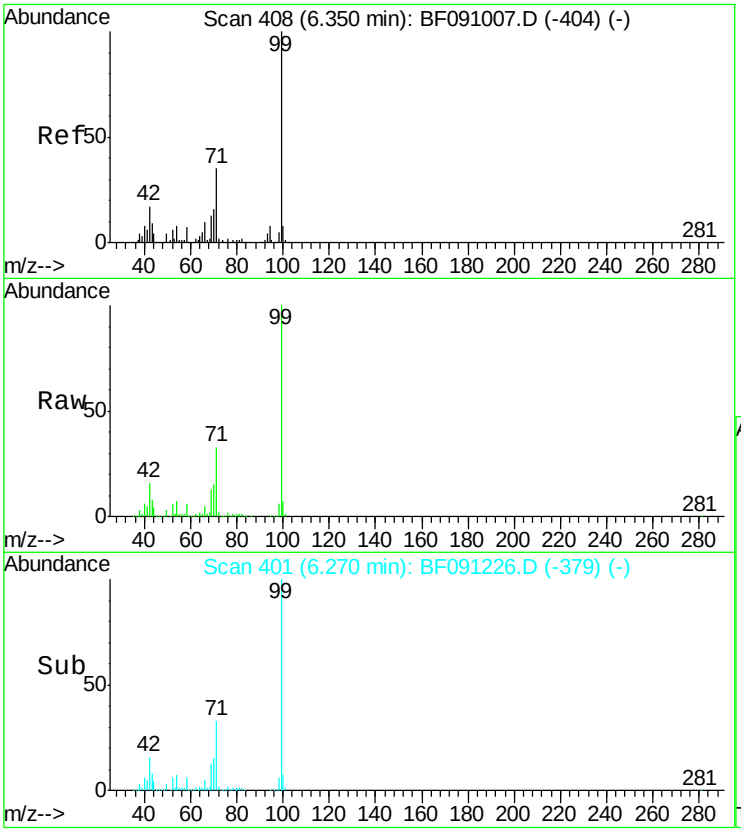


#5
2-Fluorophenol
Concen: 72.64 ng
RT: 5.21 min Scan# 308
Delta R.T. -0.03 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Tgt Ion:112 Resp: 815371

Ion	Ratio	Lower	Upper
112	100		
64	54.3	55.8	83.6#
63	27.4	28.0	42.0#



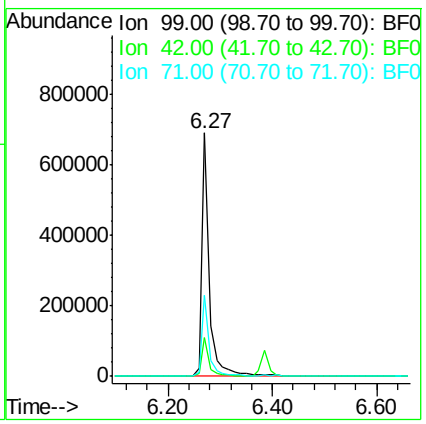


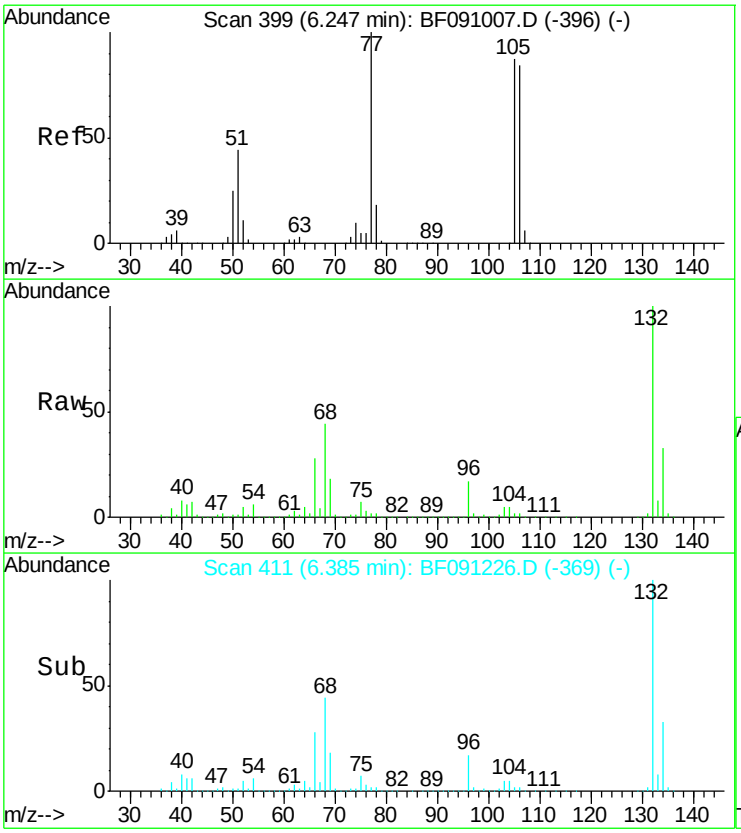
#7
Phenol-d6
Concen: 46.30 ng
RT: 6.27 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Instrument :
BNA_F
ClientSampleId :
WQ-2W

Tgt Ion: 99 Resp: 705380

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.9	20.9
71	33.2	27.8	41.8

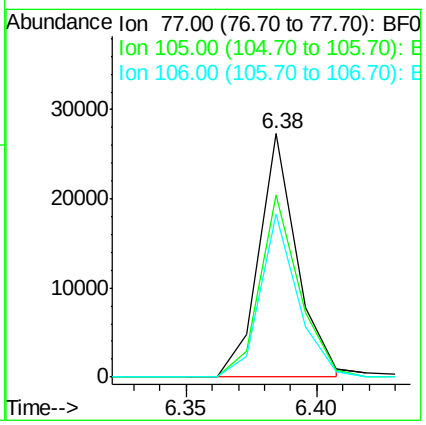


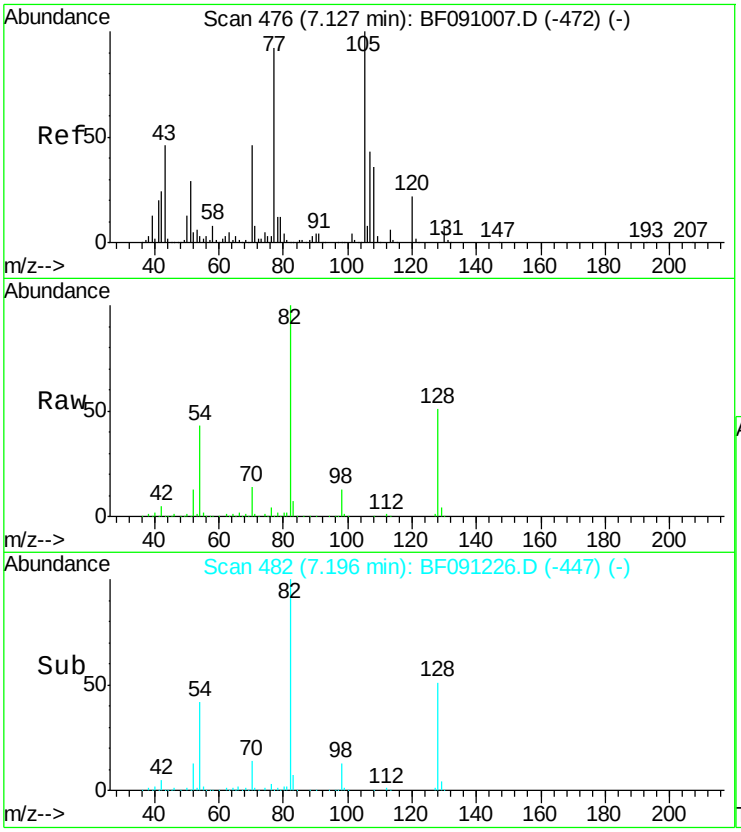


#9
Benzaldehyde
Concen: 3.31 ng
RT: 6.38 min Scan# 411
Delta R.T. 0.18 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Tgt Ion: 77 Resp: 28019

Ion	Ratio	Lower	Upper
77	100		
105	74.9	66.8	106.8
106	67.0	64.0	104.0



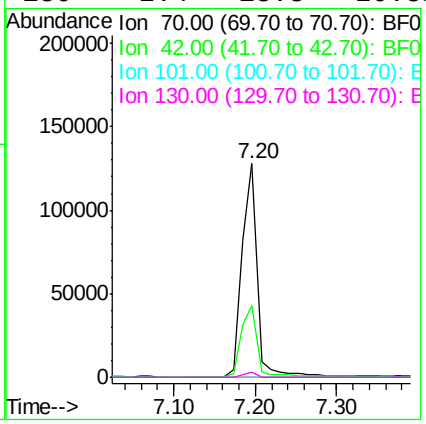


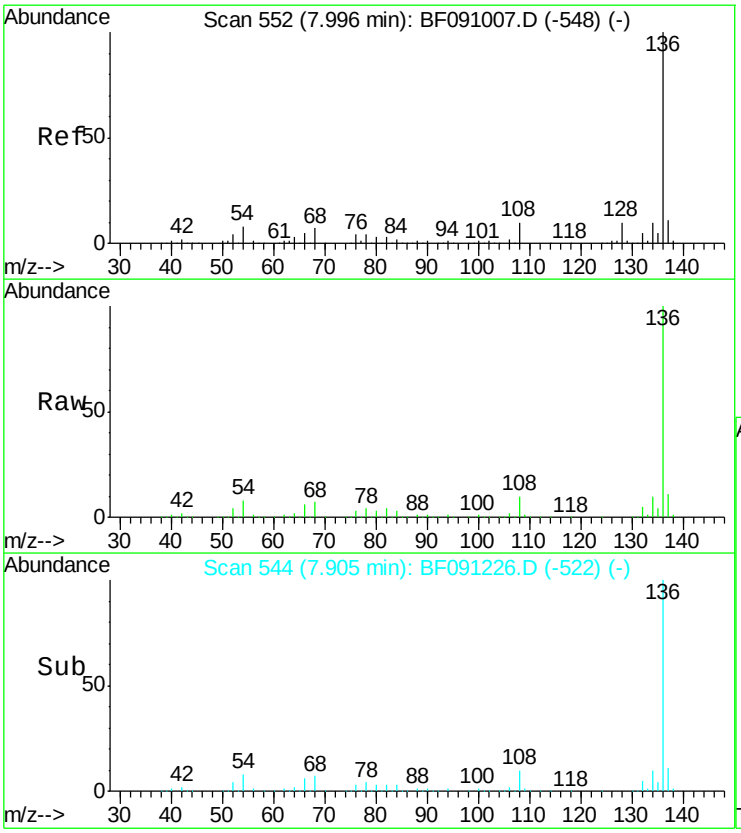
#19
n-Nitroso-di-n-propylamine
Concen: 15.58 ng
RT: 7.20 min Scan# 482
Delta R.T. 0.10 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Instrument :
BNA_F
ClientSampleId :
WQ-2W

Tgt Ion: 70 Resp: 164539

Ion	Ratio	Lower	Upper
70	100		
42	33.8	41.7	62.5#
101	0.0	6.7	10.1#
130	2.4	13.8	20.8#

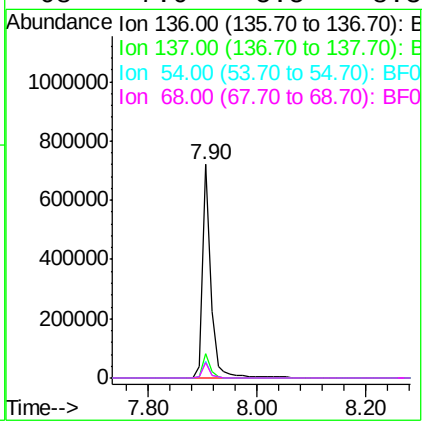


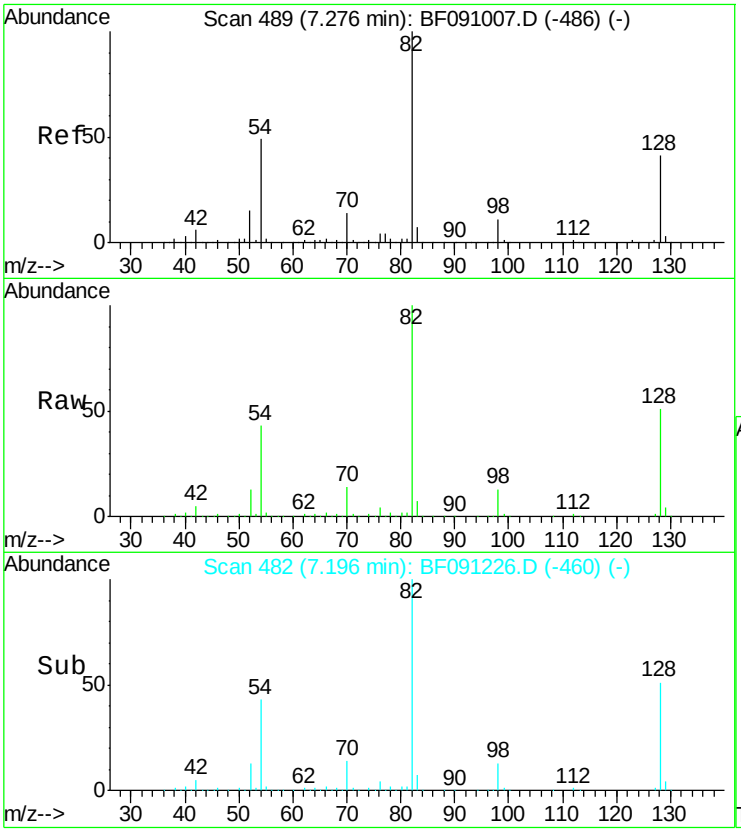


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Tgt Ion:136 Resp: 762945

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.9	6.2	9.2
68	7.0	5.5	8.3



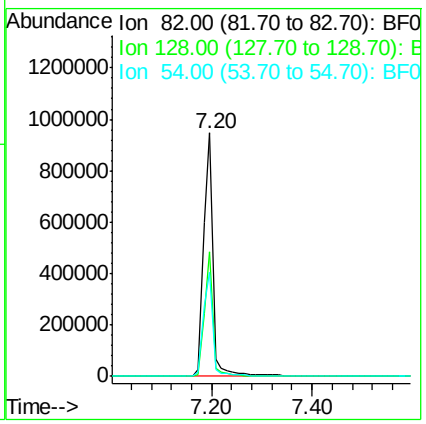


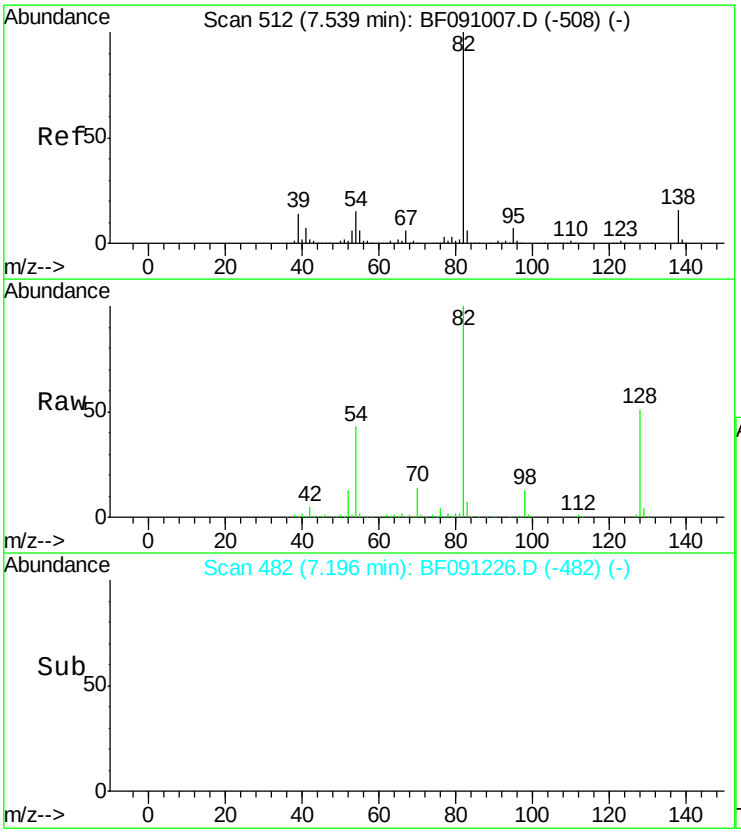
#23
Nitrobenzene-d5
Concen: 88.03 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Instrument :
BNA_F
ClientSampleId :
WQ-2W

Tgt Ion: 82 Resp: 1231222

Ion	Ratio	Lower	Upper
82	100		
128	51.0	32.4	48.6#
54	42.6	39.2	58.8

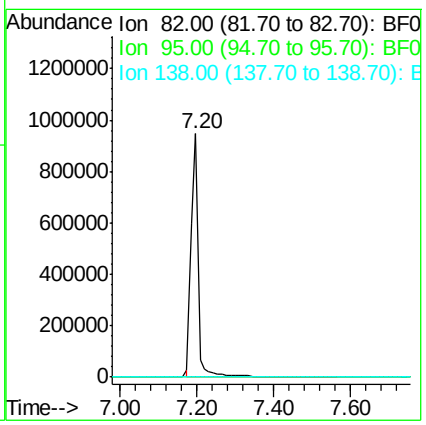


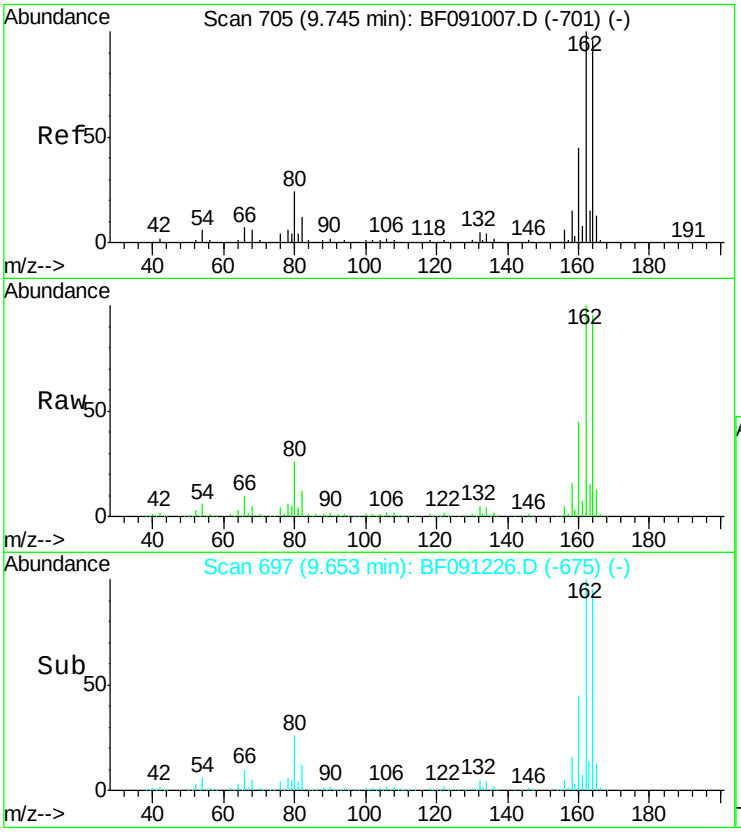


#25
Isophorone
Concen: 44.43 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.30 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Tgt Ion: 82 Resp: 1197278

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#



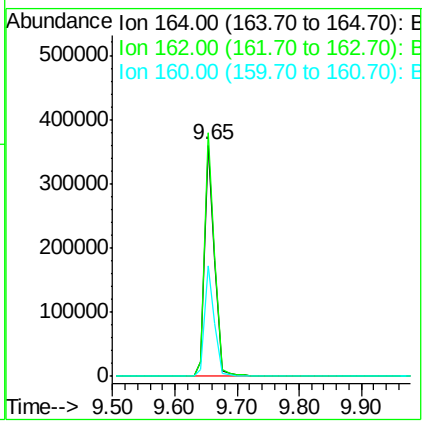


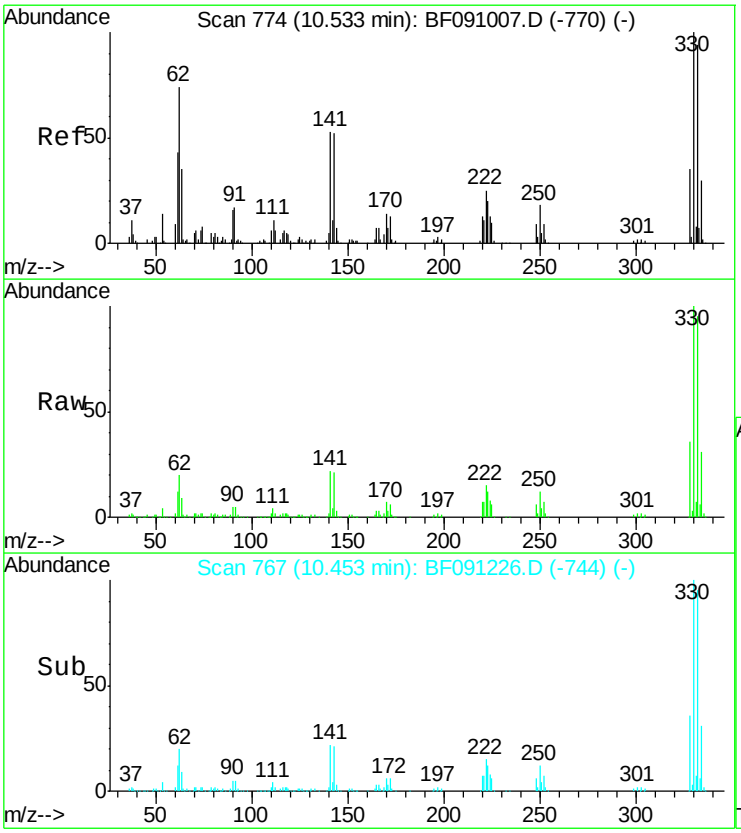
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Instrument :
BNA_F
ClientSampleId :
WQ-2W

Tgt Ion:164 Resp: 403145

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.6	125.4
160	47.5	37.9	56.9

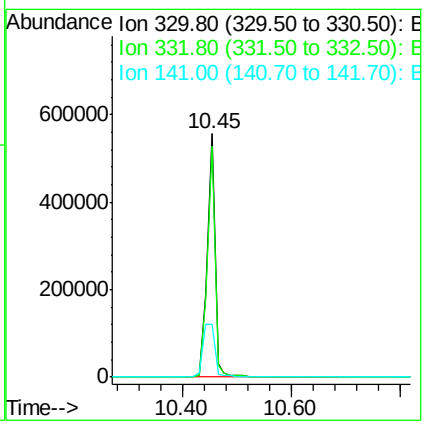


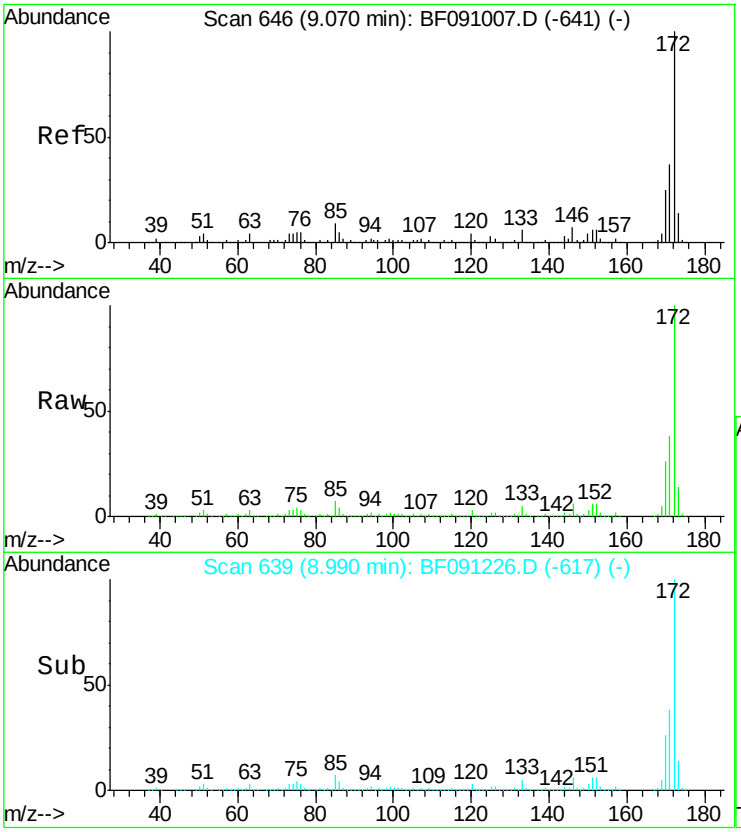


#41
2,4,6-Tribromophenol
Concen: 152.63 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Tgt Ion:330 Resp: 556296

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.9	113.9
141	33.6	36.1	54.1#



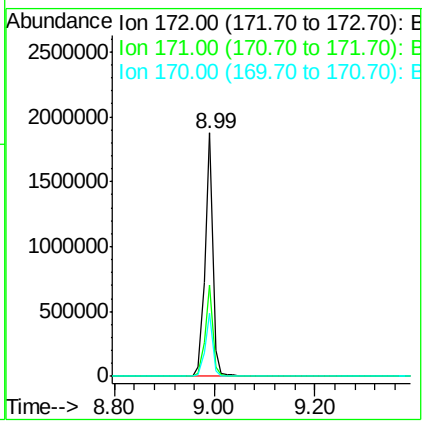


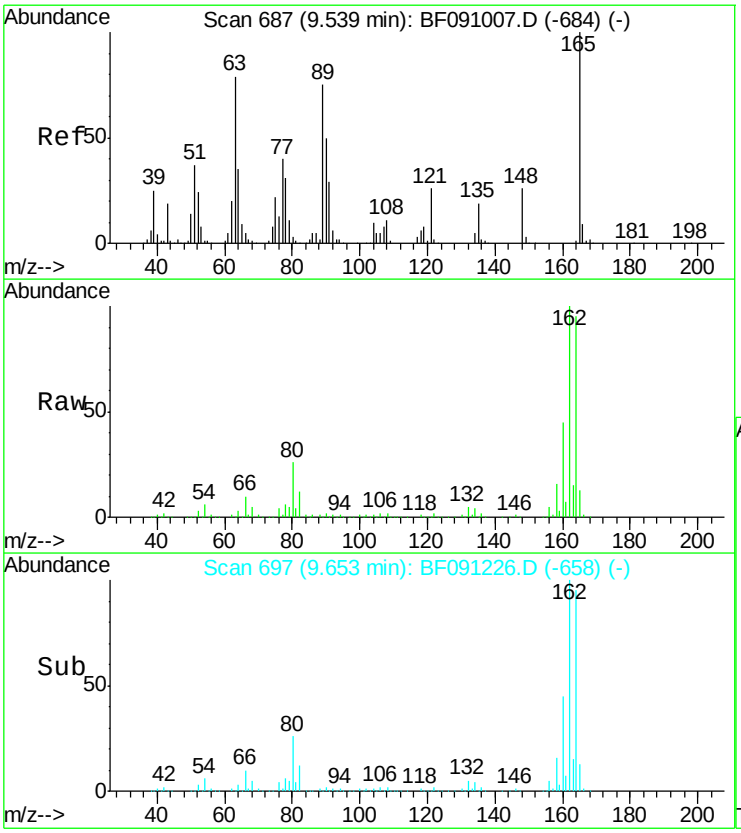
#44
2-Fluorobiphenyl
Concen: 86.91 ng
RT: 8.99 min Scan# 639
Delta R.T. -0.05 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Instrument :
BNA_F
ClientSampleId :
WQ-2W

Tgt Ion:172 Resp: 2035026

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.9	20.3	30.5

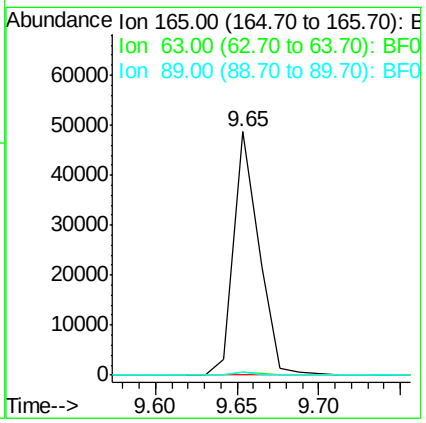


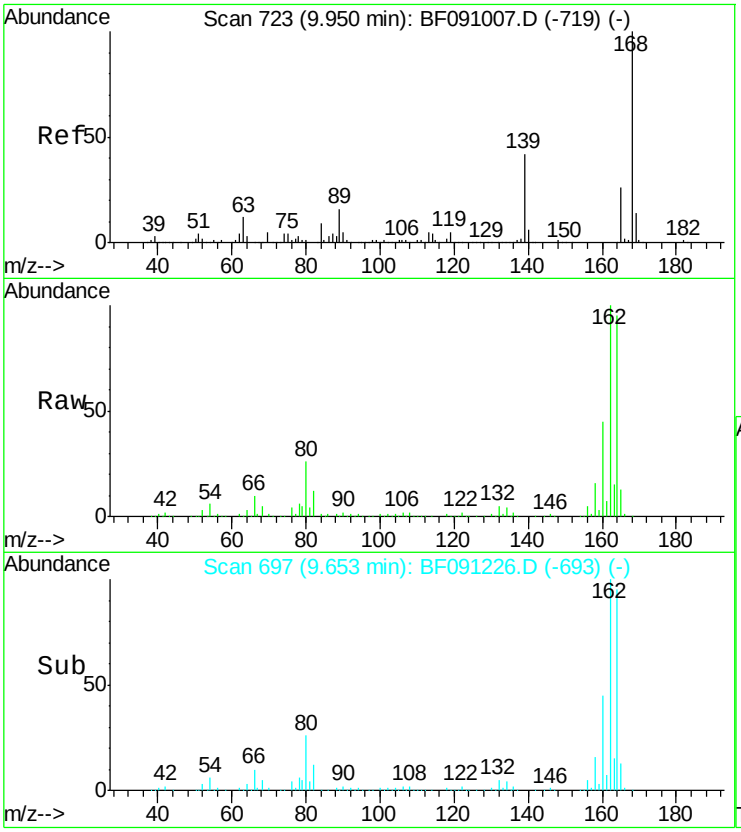


#50
2,6-Dinitrotoluene
Concen: 9.12 ng
RT: 9.65 min Scan# 697
Delta R.T. 0.15 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Tgt Ion:165 Resp: 51689

Ion	Ratio	Lower	Upper
165	100		
63	1.3	65.6	98.4#
89	1.3	59.8	89.6#



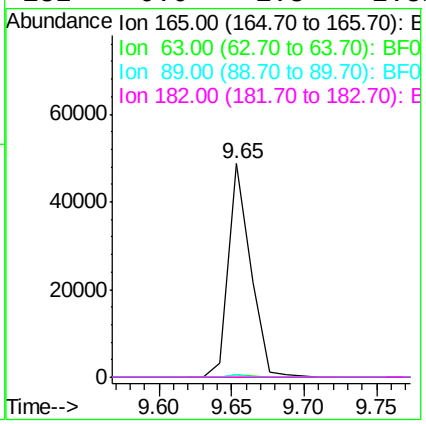


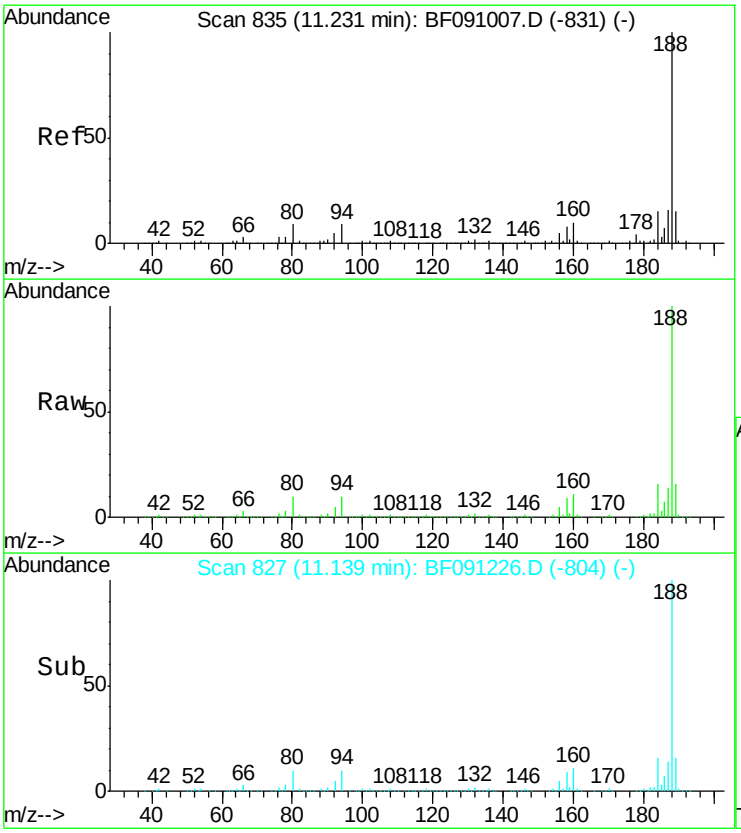
#56
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.25 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Instrument :
BNA_F
ClientSampleId :
WQ-2W

Tgt Ion:165 Resp: 51691

Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.7	58.1#
89	1.3	50.6	76.0#
182	0.0	1.8	2.8#

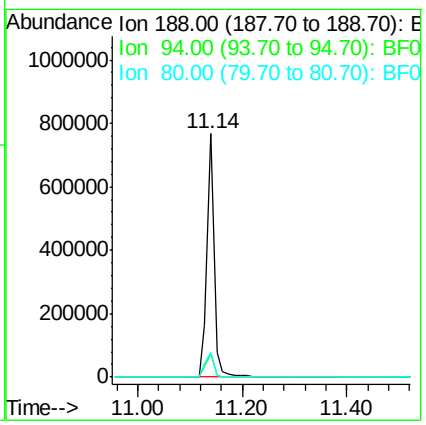


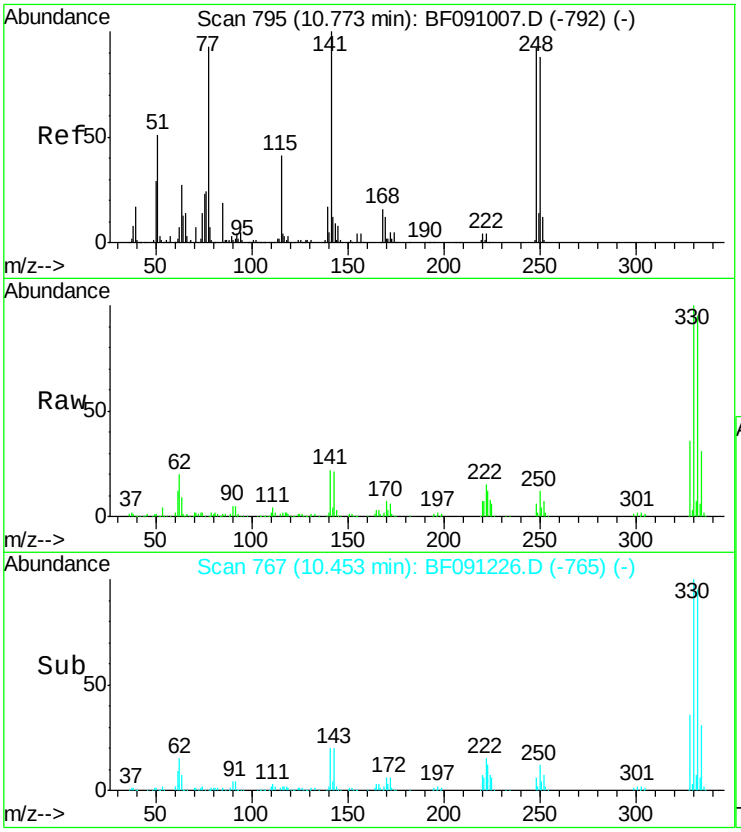


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Tgt Ion:188 Resp: 731354

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.0	10.4
80	10.4	7.5	11.3



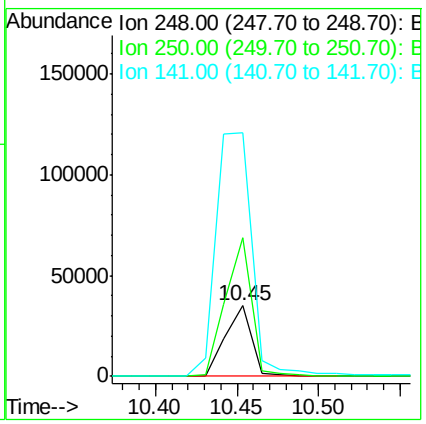


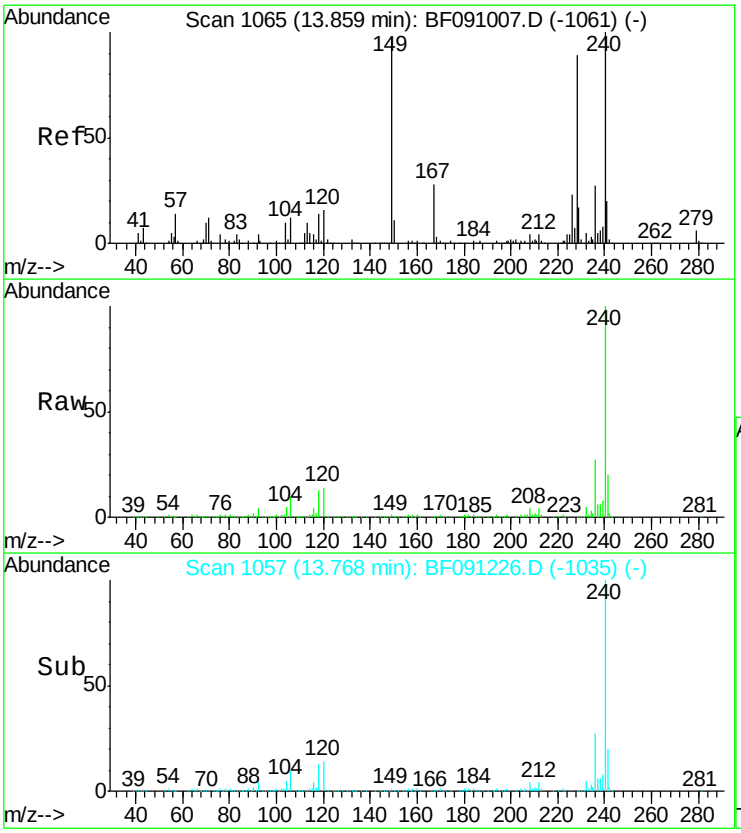
#66
4-Bromophenyl-phenylether
Concen: 5.11 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.27 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Instrument :
BNA_F
ClientSampleId :
WQ-2W

Tgt Ion:248 Resp: 38876

Ion	Ratio	Lower	Upper
248	100		
250	197.2	76.3	114.5#
141	345.1	86.8	130.2#

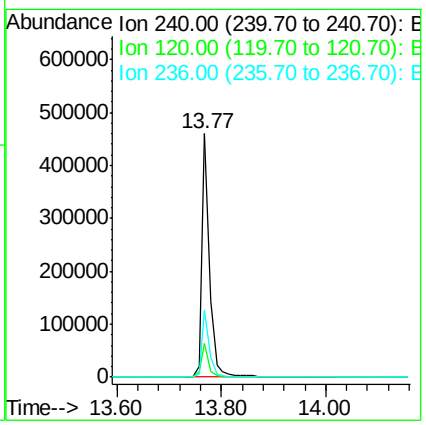


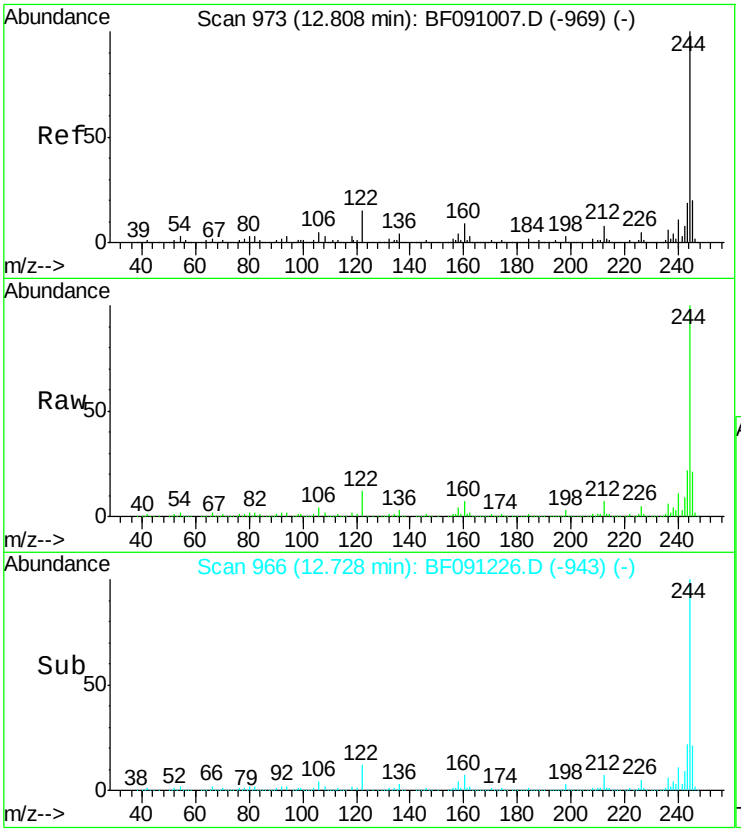


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.05 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Tgt Ion:240 Resp: 471874

Ion	Ratio	Lower	Upper
240	100		
120	13.9	12.9	19.3
236	27.3	21.9	32.9



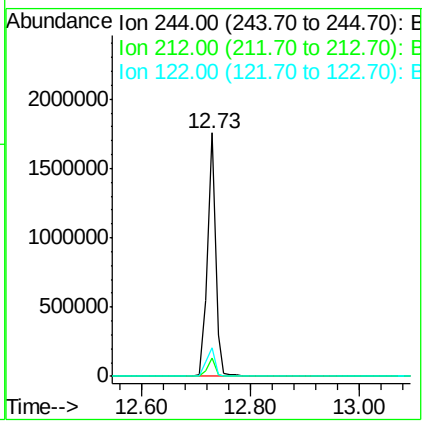


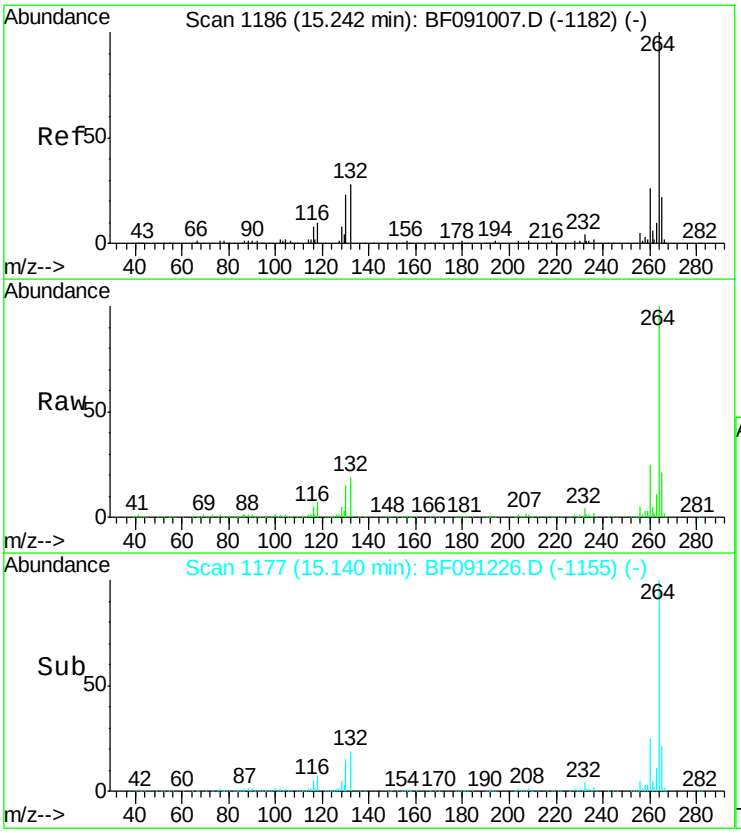
#78
Terphenyl-d14
Concen: 97.54 ng
RT: 12.73 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Instrument :
BNA_F
ClientSampleId :
WQ-2W

Tgt Ion:244 Resp: 1844460

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	11.7	12.3	18.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091226.D
Acq: 17 Nov 2016 21:37

Tgt Ion:264 Resp: 343489

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	30.8
265	21.3	17.8	26.8