Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098632.D
Acq On : 19 Sep 2017 5:58
Operator : SJ/JU
Sample : I5265-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 19 07:36:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	116413	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	497180	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	202785	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	367016	20.00	ng		0.00
75) Chrysene-d12	13.78	240	258668	20.00	ng		0.00
86) Perylene-d12	15.18	264	256085	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	788850	100.19	ng		0.00
7) Phenol-d6	6.29	99	1031715	103.20	ng		0.00
23) Nitrobenzene-d5	7.20	82	574881	64.46	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	165111	121.99	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	751769	62.83	ng		0.00
78) Terphenyl-d14	12.73	244	569062	47.49	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.30	94	23416	2.017	ng		90
19) n-Nitroso-di-n-propylamine	7.20	70	78805	12.532	ng	#	81
25) Isophorone	7.20	82	574875	31.860	ng	#	67
49) Dimethylphthalate	9.39	163	168619	10.742	ng		98
56) 2,4-Dinitrotoluene	9.67	165	26605	6.787	ng	#	34
64) 4,6-Dinitro-2-methylphenol	10.46	198	305	5.086	ng	#	1
66) 4-Bromophenyl-phenylether	10.46	248	12289	3.528	ng	#	1

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

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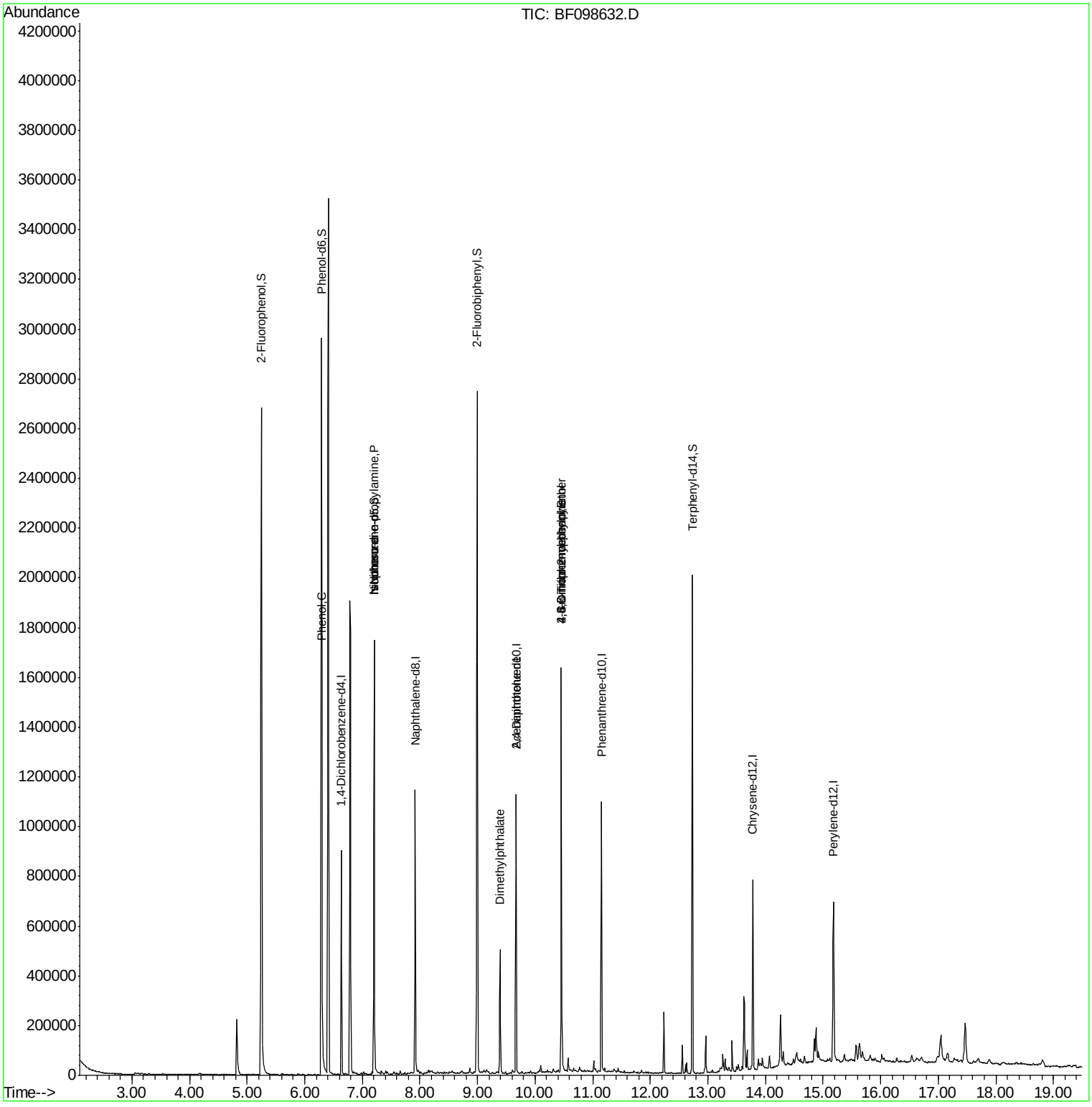
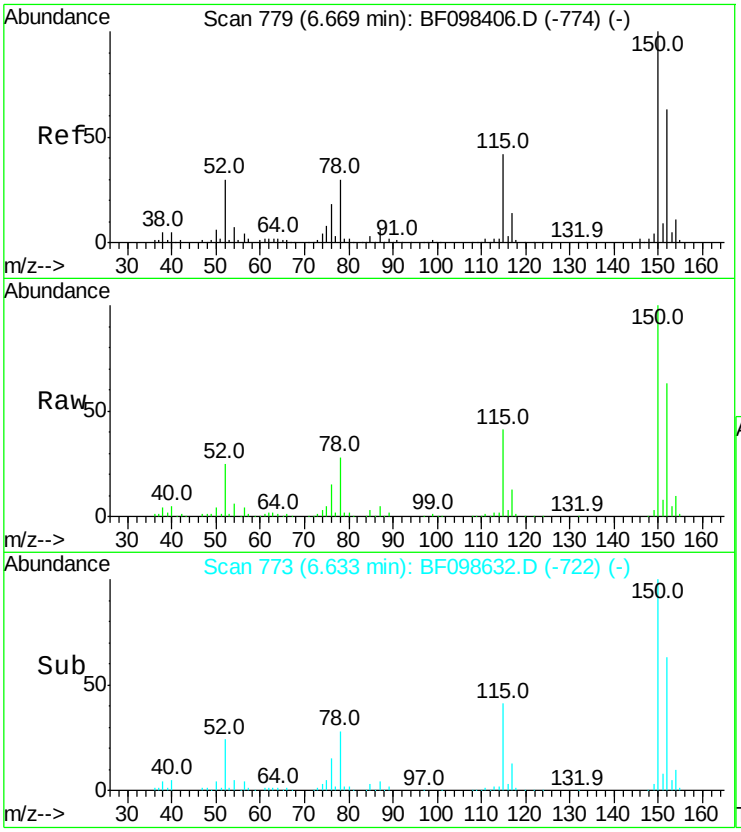


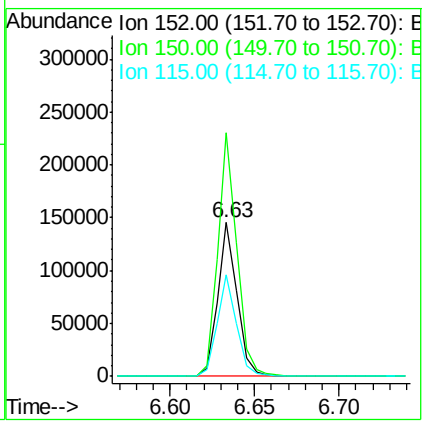


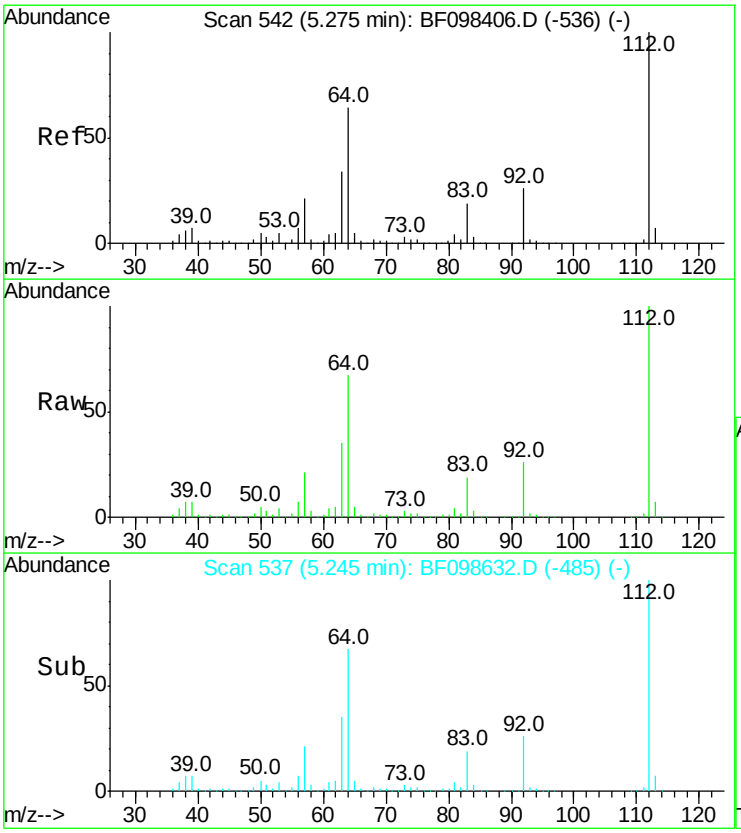
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 116413

Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	65.8	52.2	78.2

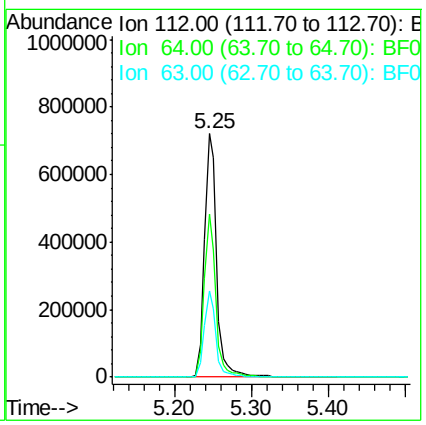


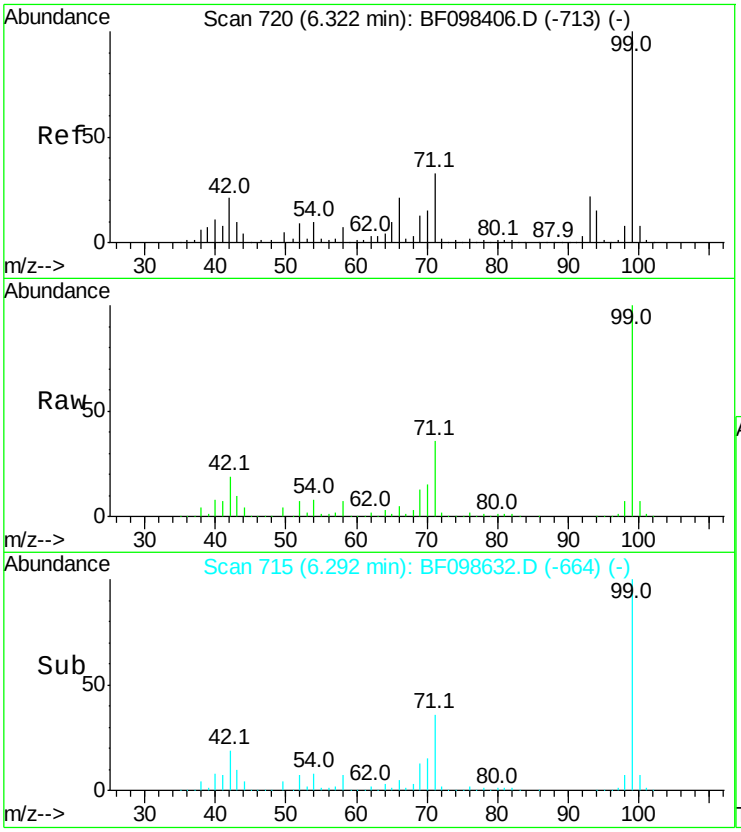


#5
2-Fluorophenol
Concen: 100.189 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Tgt Ion:112 Resp: 788850

Ion	Ratio	Lower	Upper
112	100		
64	67.0	46.0	69.0
63	35.1	23.4	35.0#



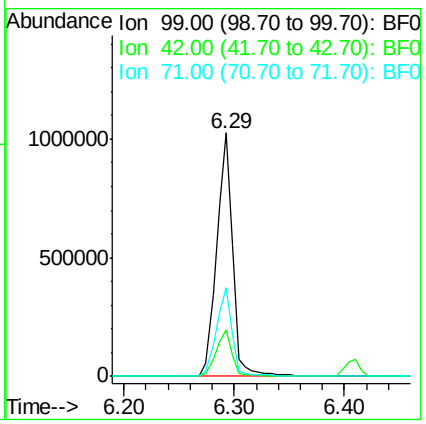


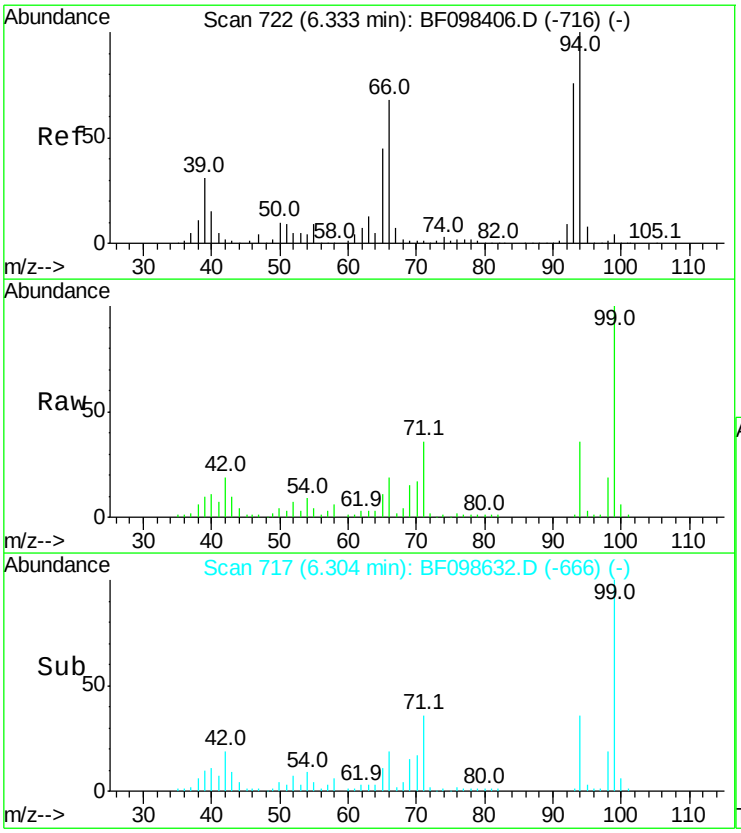
#7
Phenol-d6
Concen: 103.204 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1031715

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.5	20.3
71	36.4	24.5	36.7

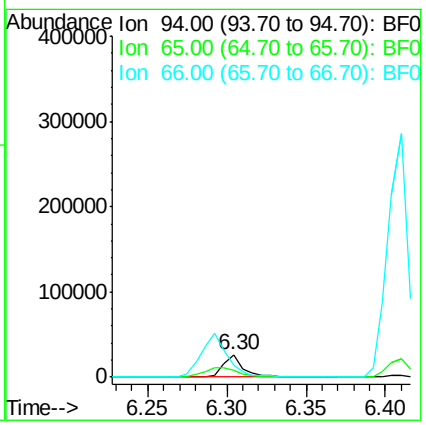


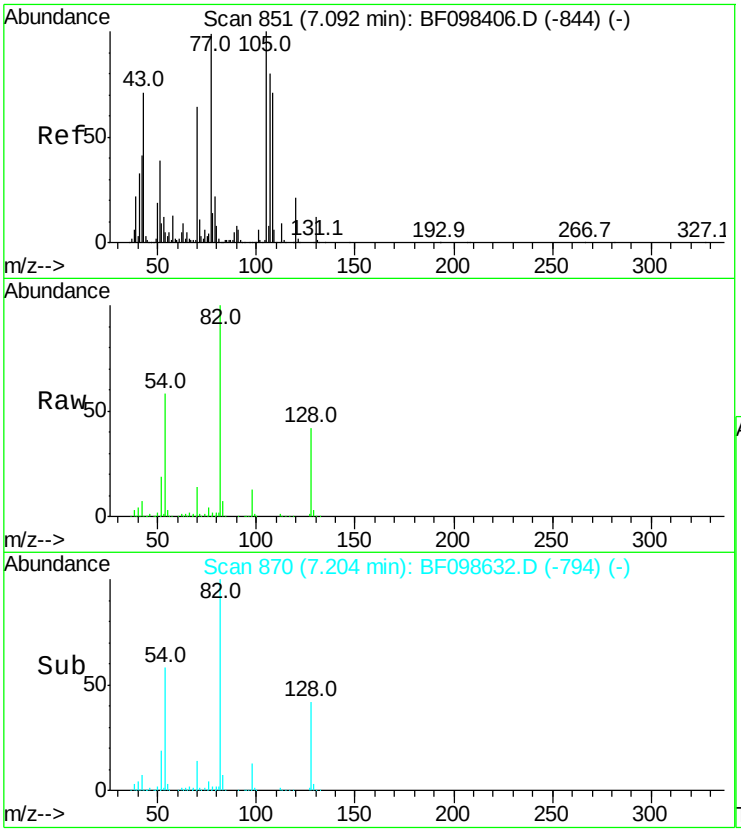


#10
Phenol
Concen: 2.017 ng
RT: 6.30 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Tgt Ion: 94 Resp: 23416

Ion	Ratio	Lower	Upper
94	100		
65	30.9	9.9	49.9
66	52.7	23.1	63.1



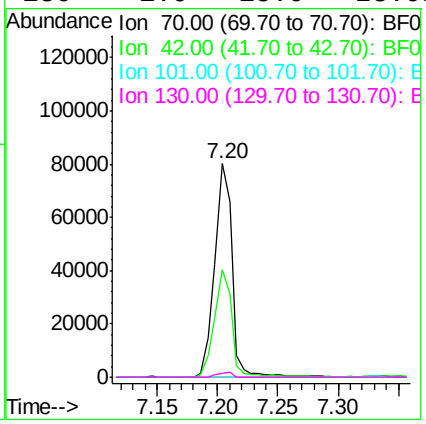


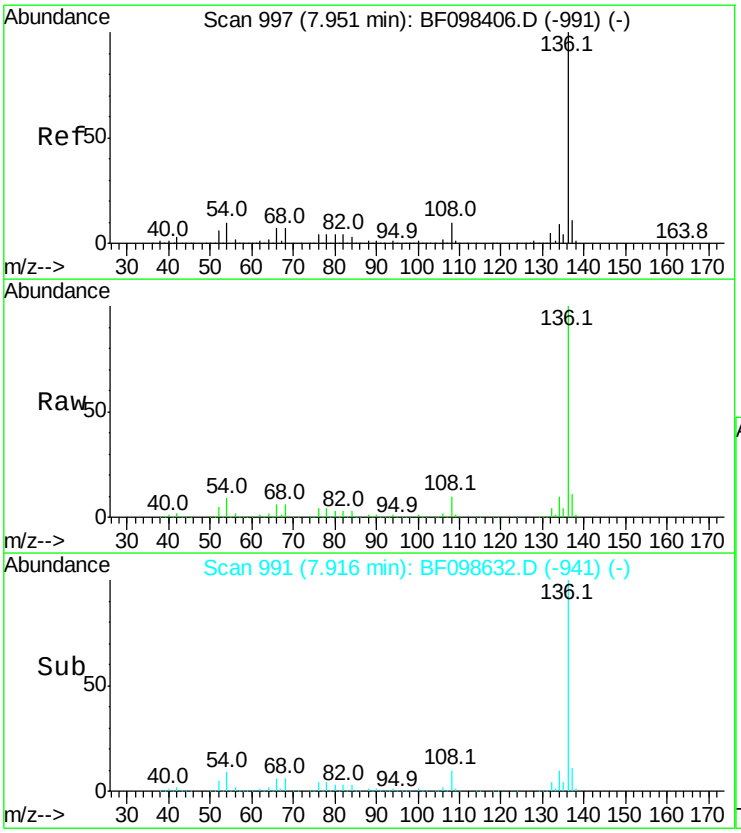
#19
n-Nitroso-di-n-propylamine
Concen: 12.532 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.15 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 78805

Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.2	70.8
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#

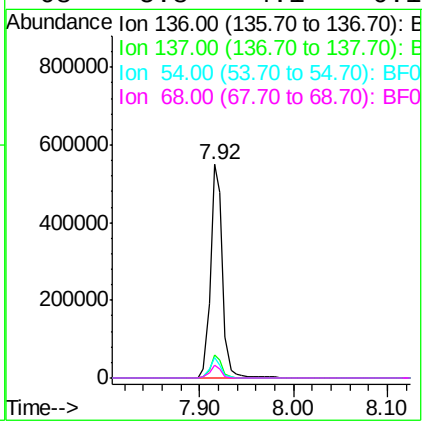


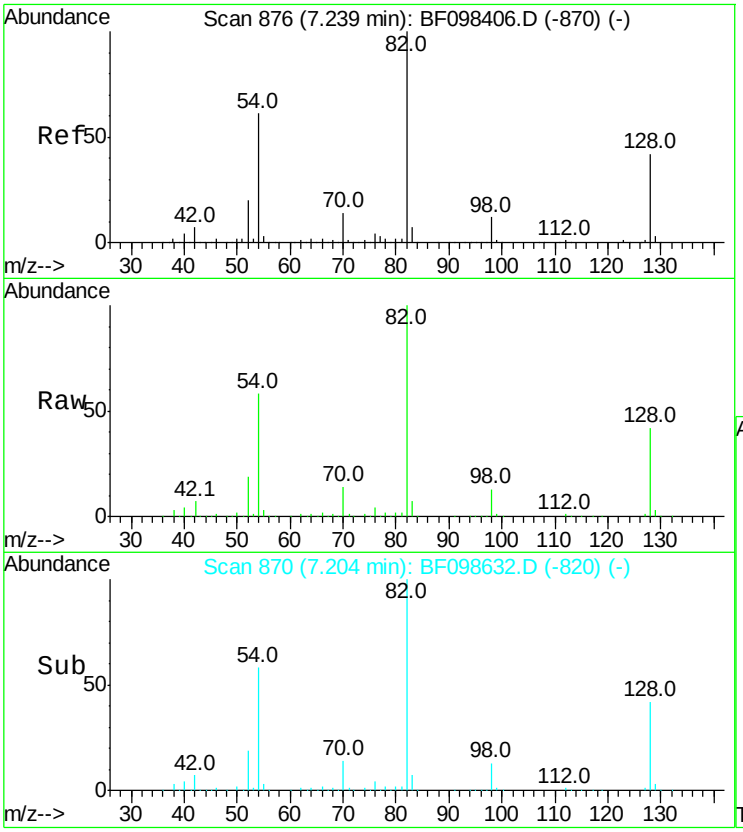


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Tgt Ion:136 Resp: 497180

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.4	4.9	7.3#
68	5.8	4.1	6.1



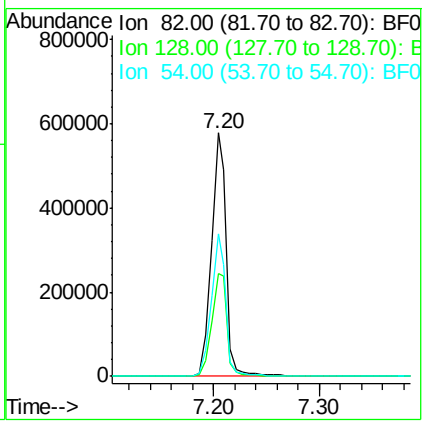


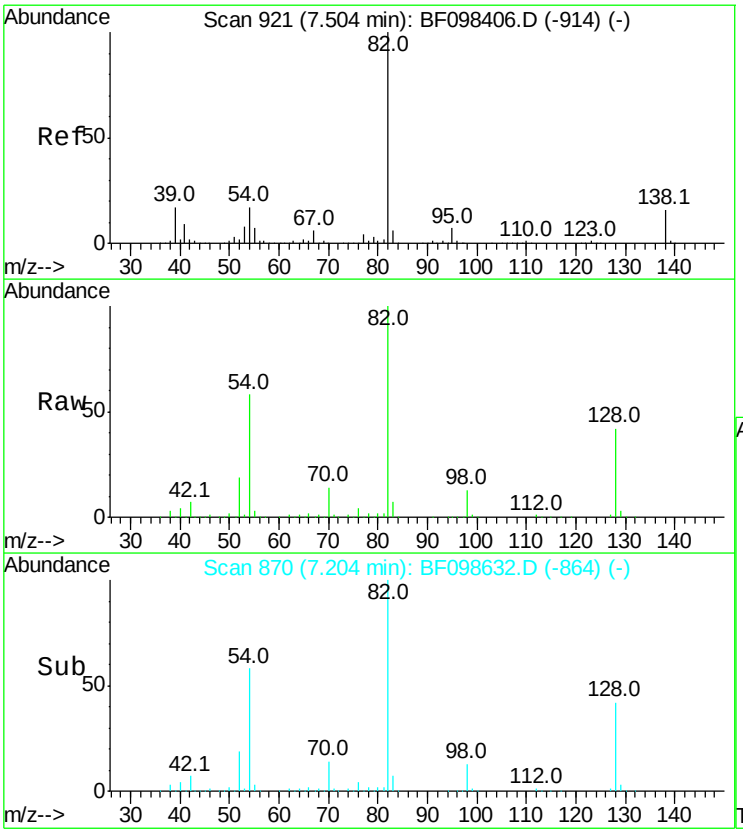
#23
Nitrobenzene-d5
Concen: 64.462 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 574881

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.0	51.0
54	58.4	42.2	63.2

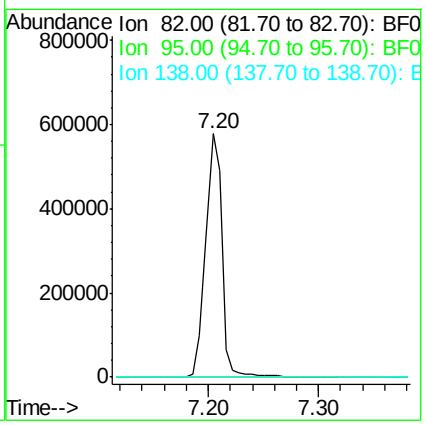


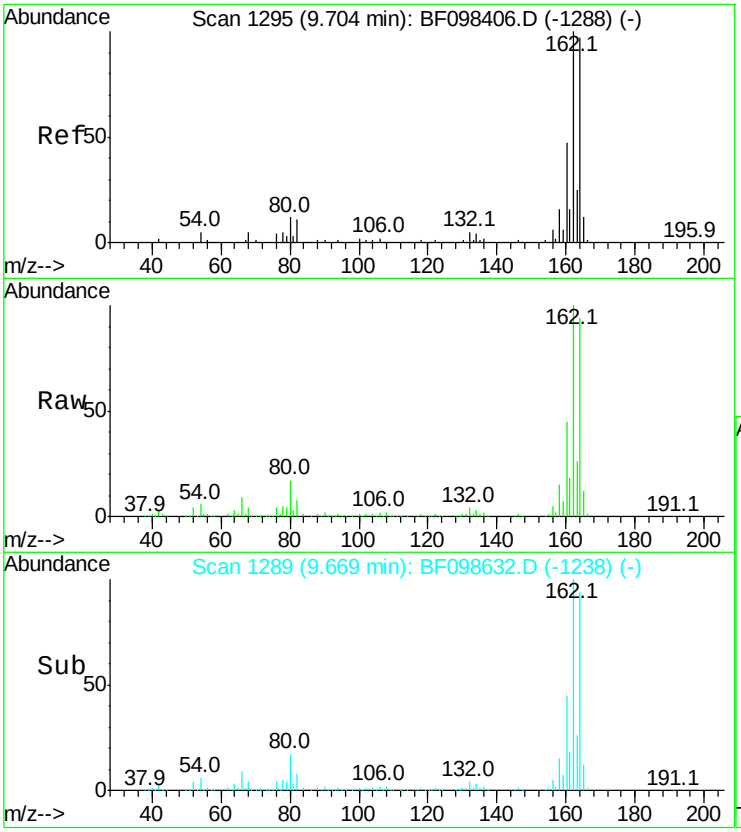


#25
Isophorone
Concen: 31.860 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.26 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Tgt Ion: 82 Resp: 574875

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#



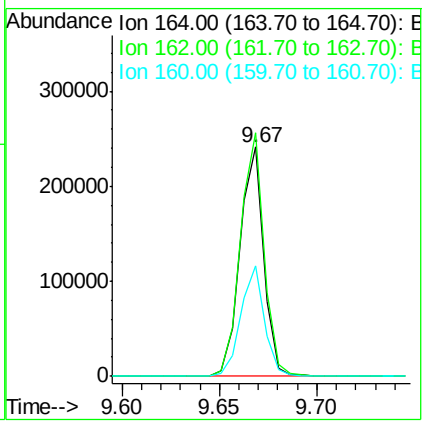


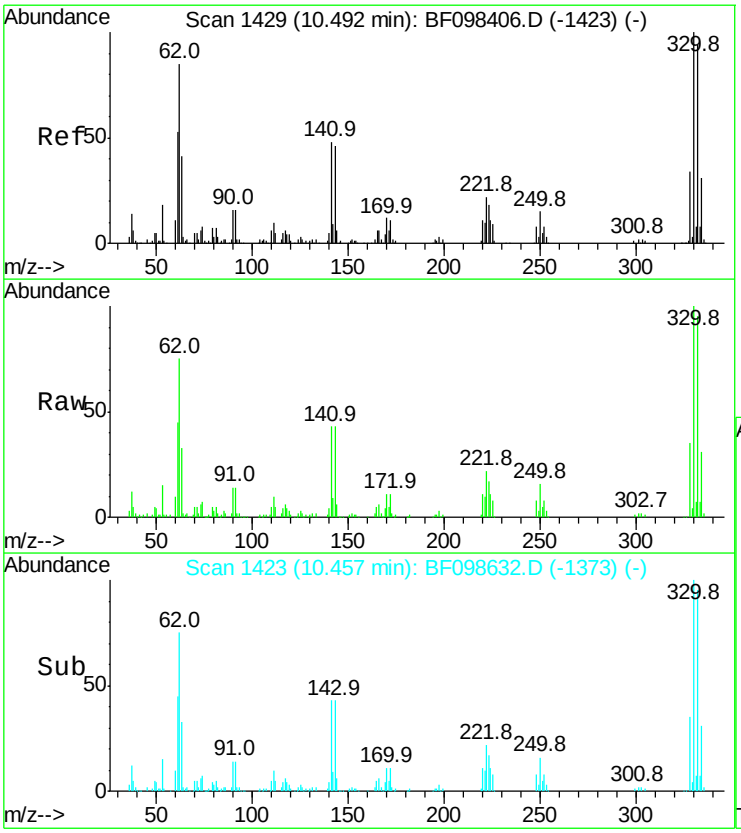
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 202785

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.6	123.8
160	48.1	36.2	54.2

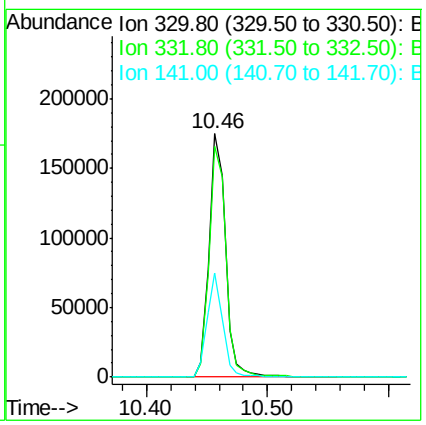


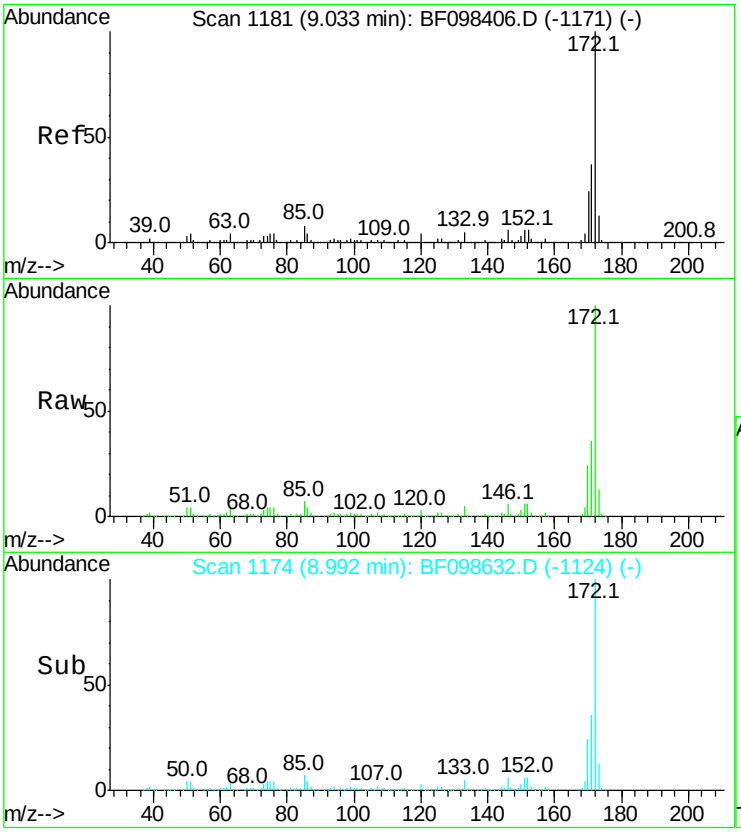


#41
2,4,6-Tribromophenol
Concen: 121.995 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Tgt Ion:330 Resp: 165111

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	40.9	31.4	47.2



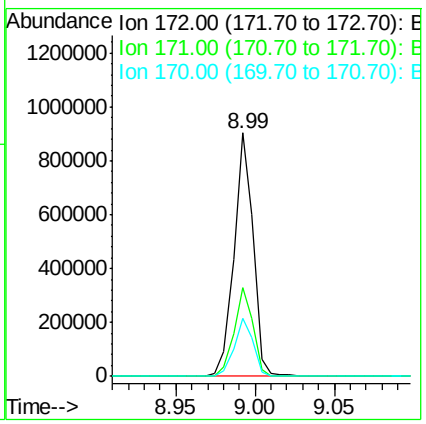


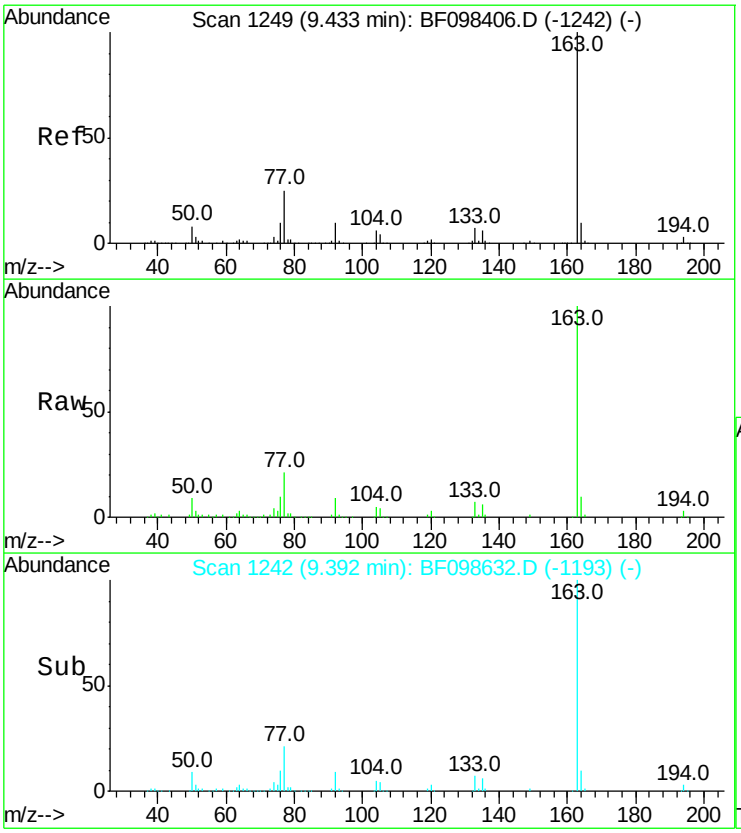
#44
2-Fluorobiphenyl
Concen: 62.834 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 751769

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	19.8	29.8

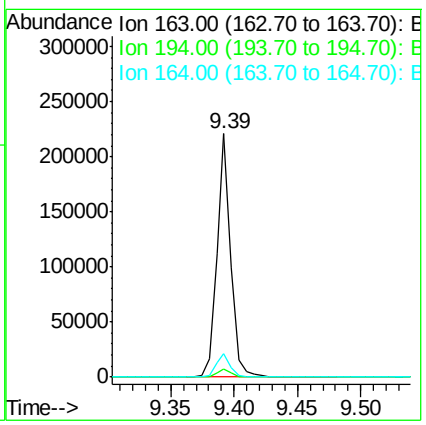


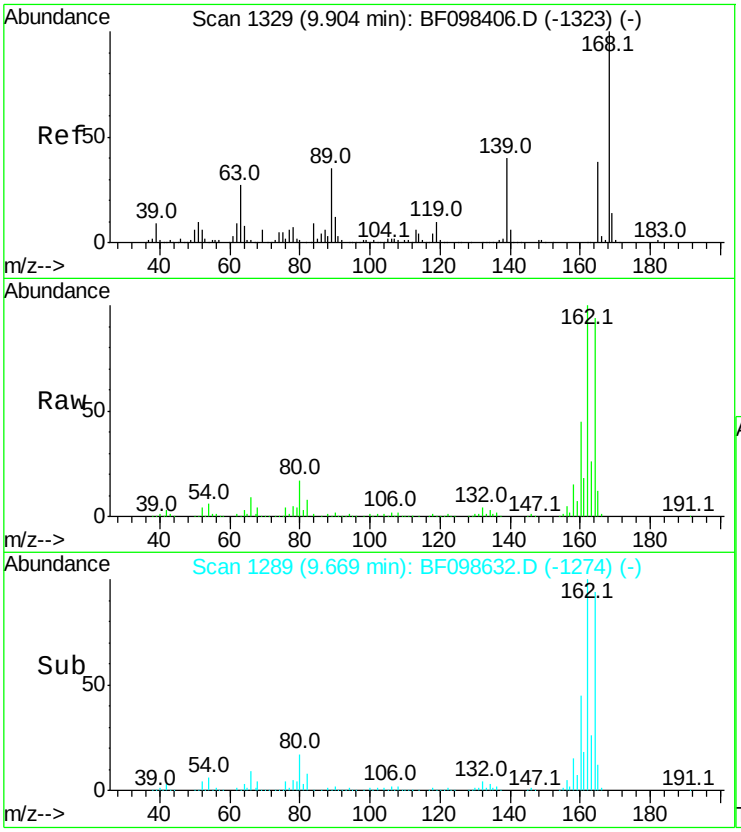


#49
Dimethylphthalate
Concen: 10.742 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Tgt Ion:163 Resp: 168619

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.4	12.6



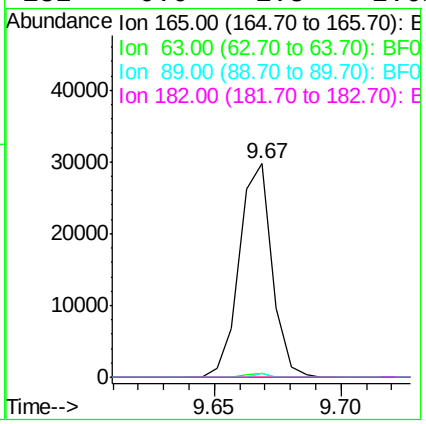


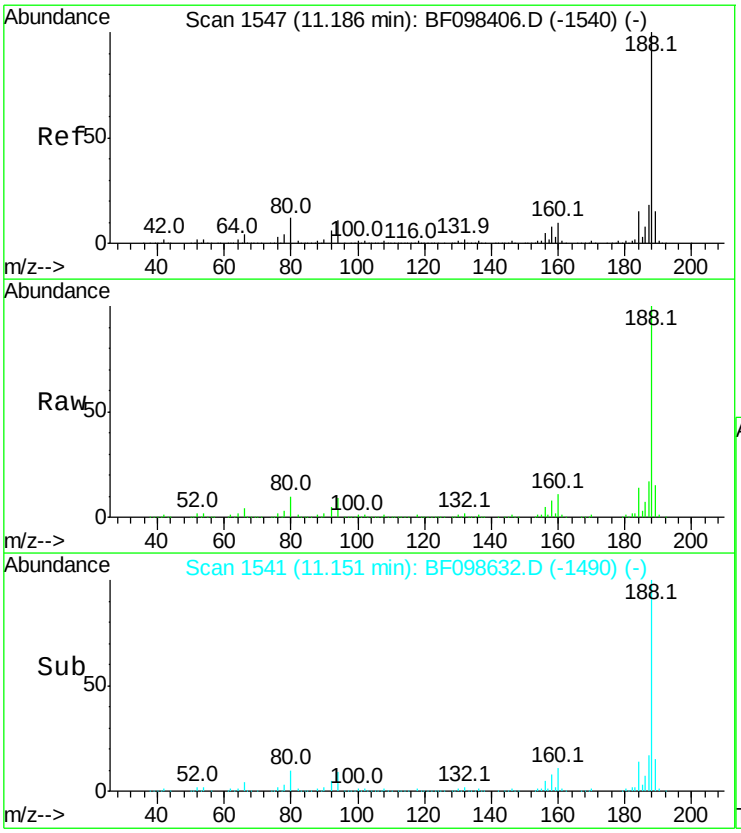
#56
2,4-Dinitrotoluene
Concen: 6.787 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.21 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26605

Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

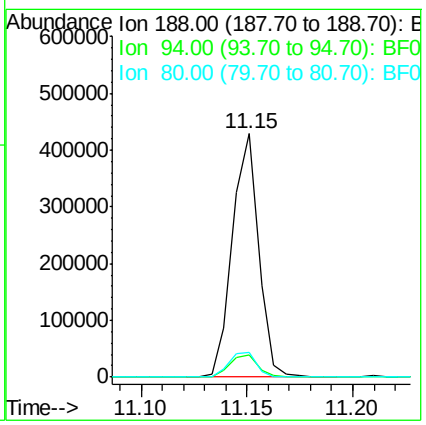


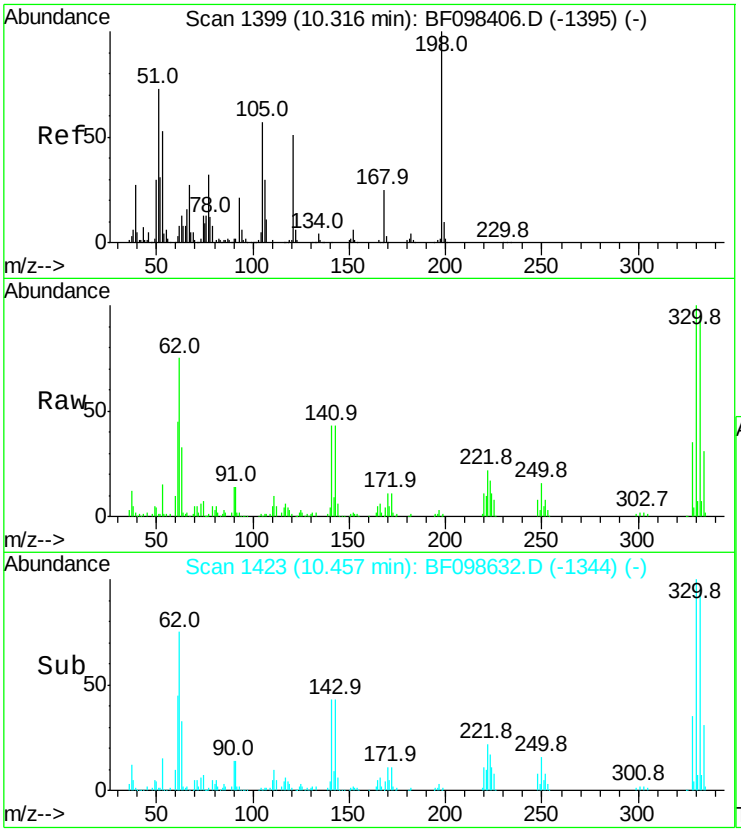


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Tgt Ion:188 Resp: 367016

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.4	14.2#
80	10.0	10.2	15.2#



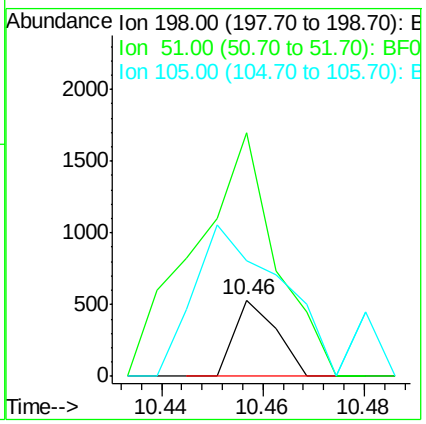


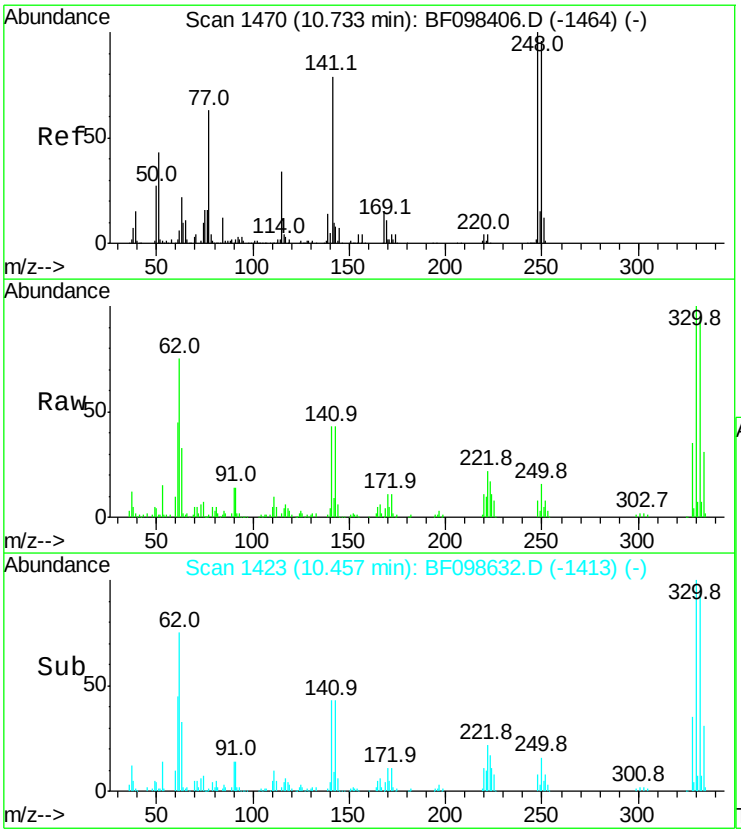
#64
4,6-Dinitro-2-methylphenol
Concen: 5.086 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.16 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 305

Ion	Ratio	Lower	Upper
198	100		
51	318.6	53.2	93.2#
105	151.0	45.8	85.8#

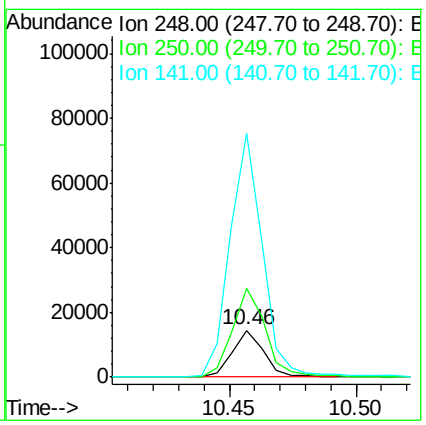


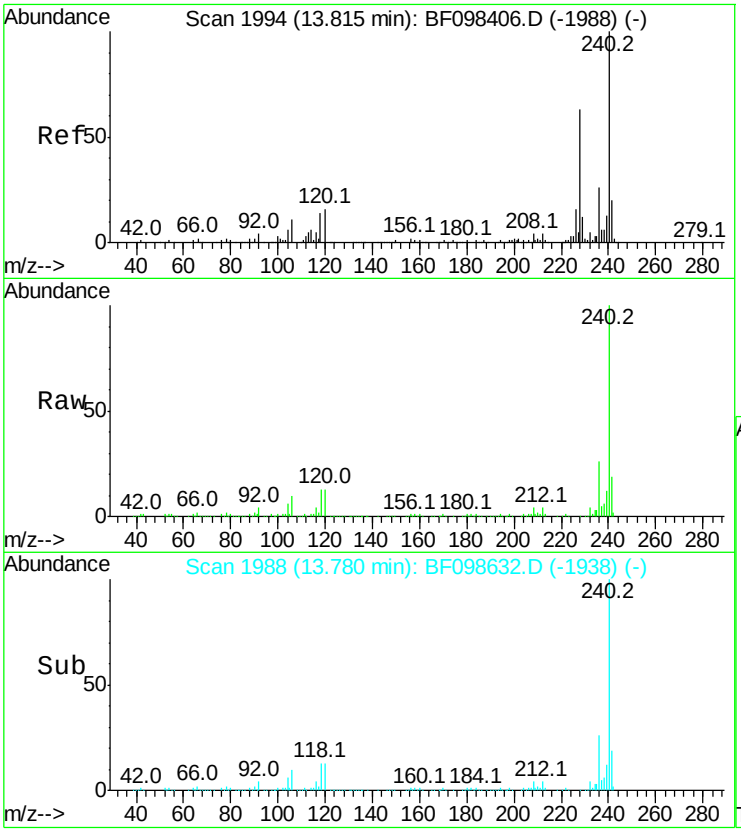


#66
4-Bromophenyl-phenylether
Concen: 3.528 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.24 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Tgt Ion:248 Resp: 12289

Ion	Ratio	Lower	Upper
248	100		
250	191.3	76.8	115.2#
141	522.4	68.6	103.0#



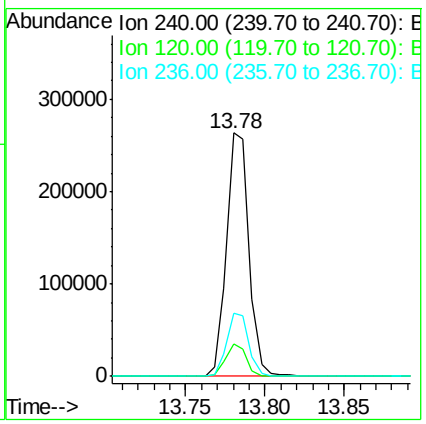


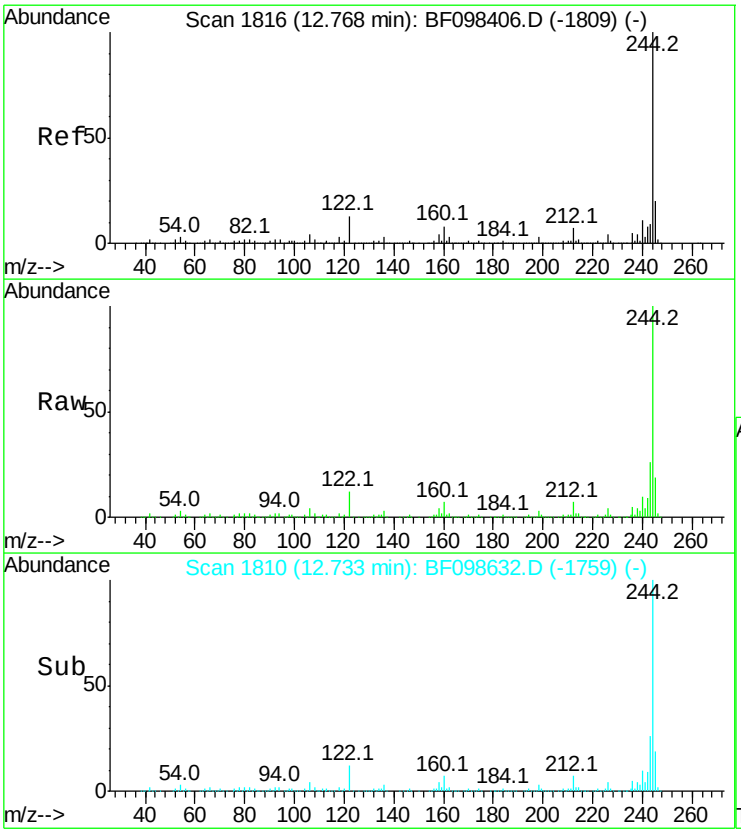
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 258668

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	26.0	20.5	30.7

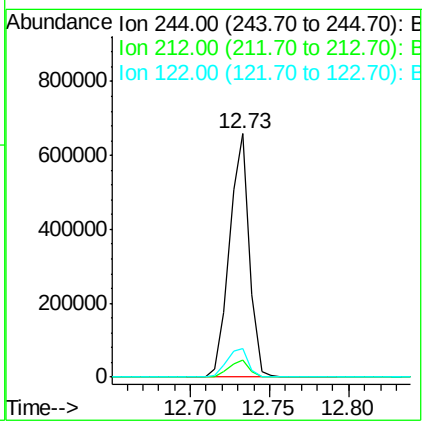


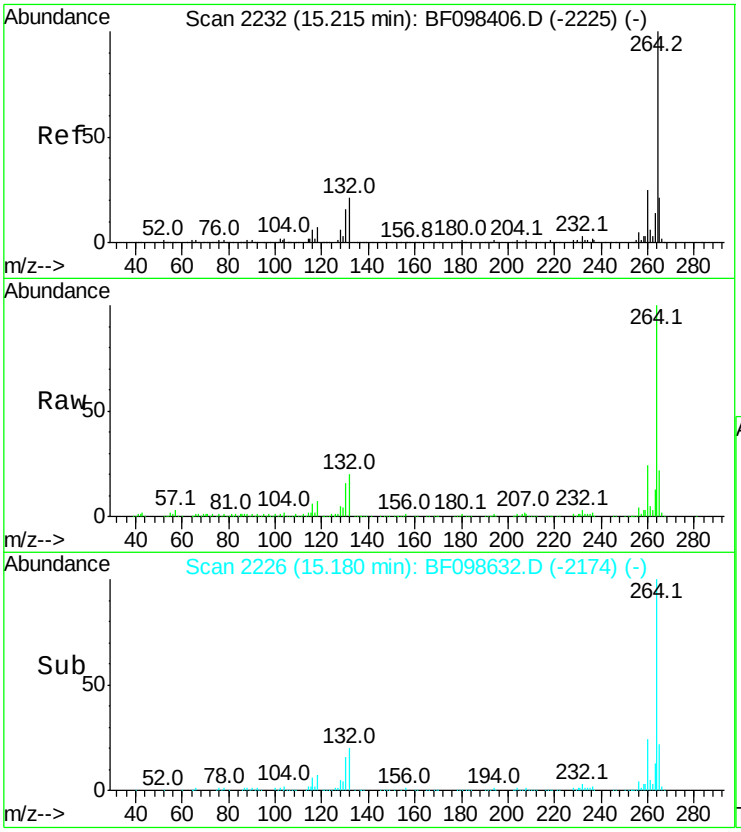


#78
Terphenyl-d14
Concen: 47.486 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Tgt Ion:244 Resp: 569062

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	11.7	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 256085

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.9	17.2	25.8