Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098051.D
Acq On : 26 Aug 2017 00:59
Operator : SJ/JU
Sample : I4948-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MANHOLE-A-COMP

Quant Time: Aug 26 02:06:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	100680	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	357113	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	132351	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	253766	20.00	ng		0.00
75) Chrysene-d12	13.89	240	204067	20.00	ng		0.00
86) Perylene-d12	15.32	264	143497	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	728748	110.10	ng		0.00
7) Phenol-d6	6.38	99	966916	107.51	ng		0.00
23) Nitrobenzene-d5	7.30	82	489306	74.43	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	124323	108.26	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	656356	72.86	ng		0.00
78) Terphenyl-d14	12.85	244	578777	59.14	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.39	94	22181	2.11	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	66900	10.87	ng	#	71
25) Isophorone	7.30	82	480422	35.15	ng	#	67
49) Dimethylphthalate	9.50	163	60003	6.20	ng		98
56) 2,4-Dinitrotoluene	9.78	165	16755	6.91	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.57	198	276	8.51	ng	#	1
66) 4-Bromophenyl-phenylether	10.56	248	8646	3.28	ng	#	1

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

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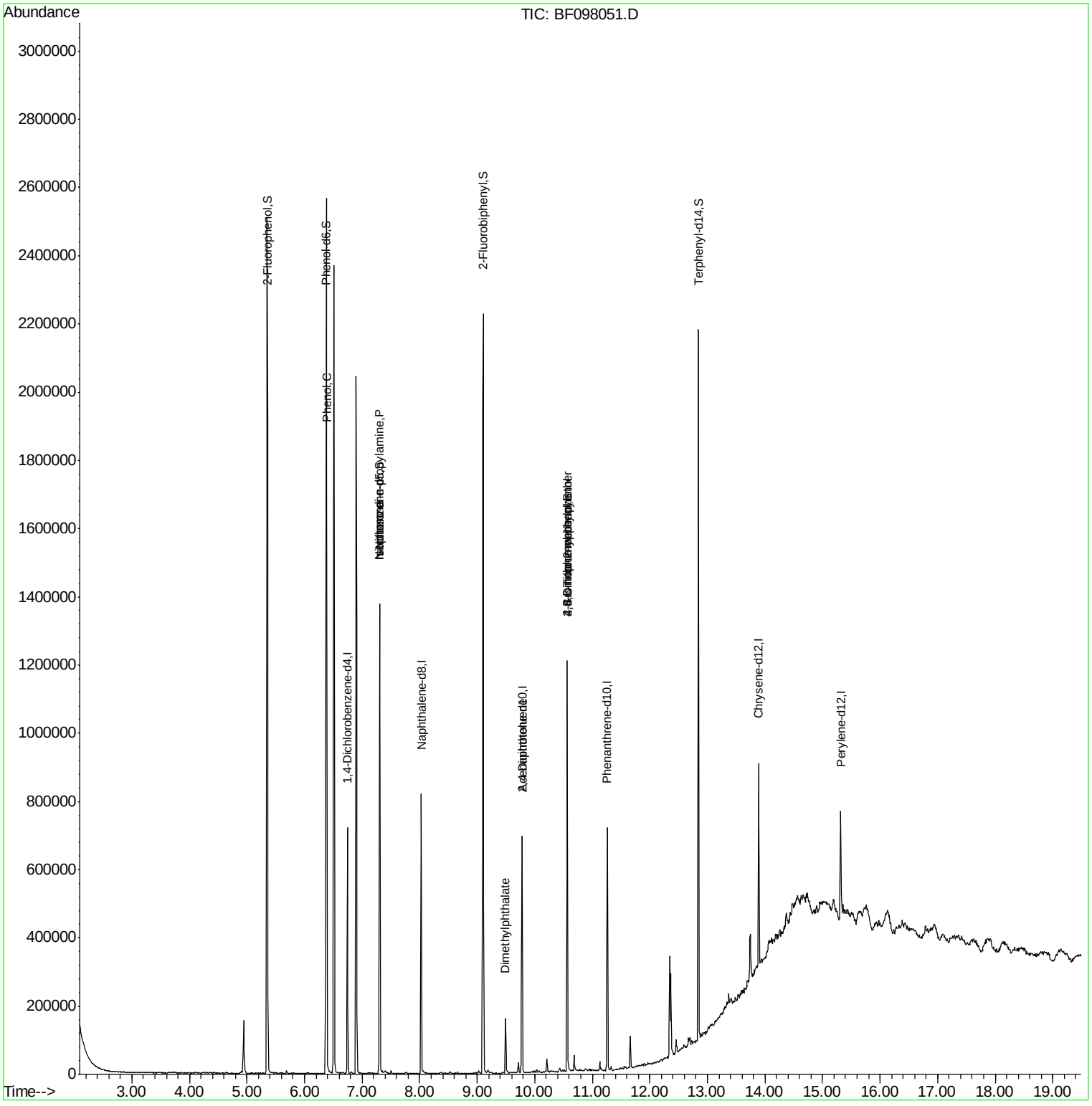
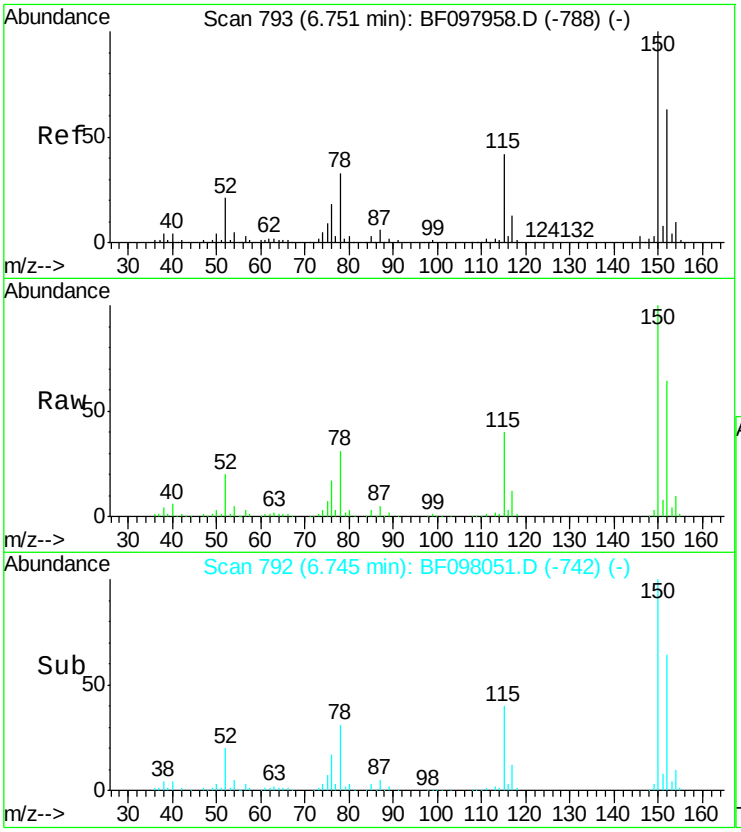


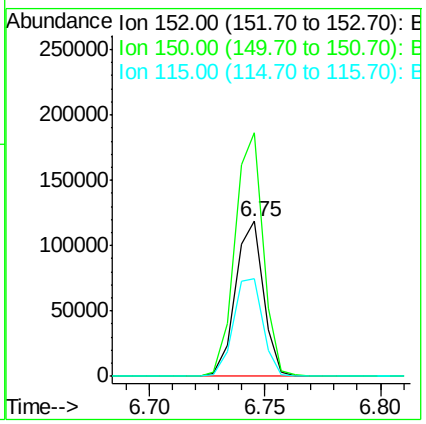


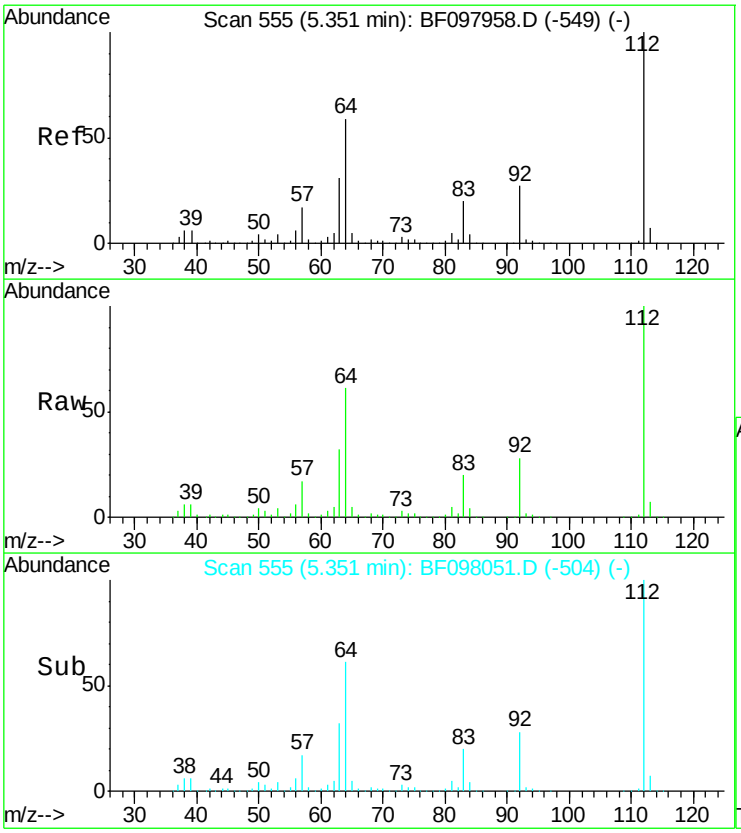
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-A-COMP

Tgt Ion:152 Resp: 100680

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	63.0	52.2	78.2

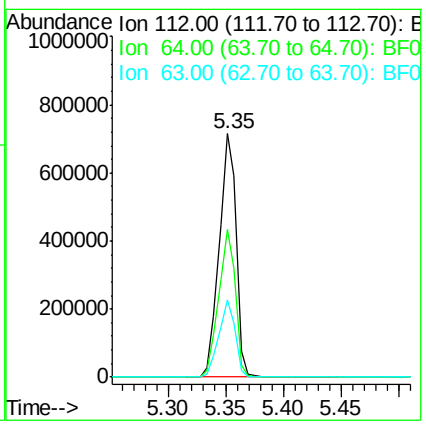


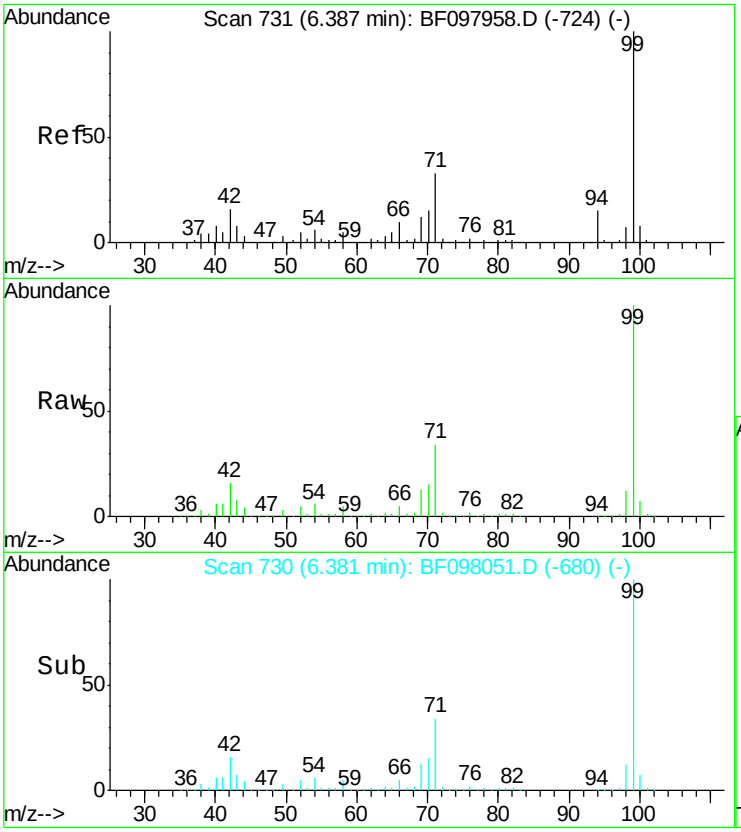


#5
2-Fluorophenol
Concen: 110.10 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Tgt Ion:112 Resp: 728748

Ion	Ratio	Lower	Upper
112	100		
64	60.8	46.0	69.0
63	31.5	23.4	35.0



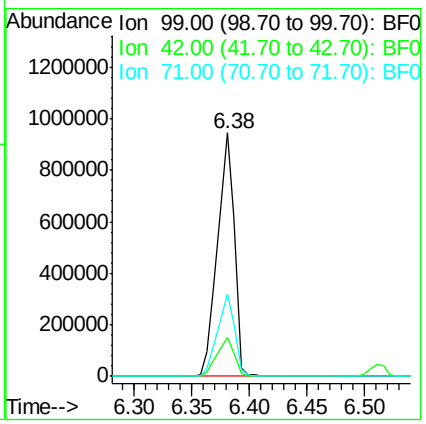


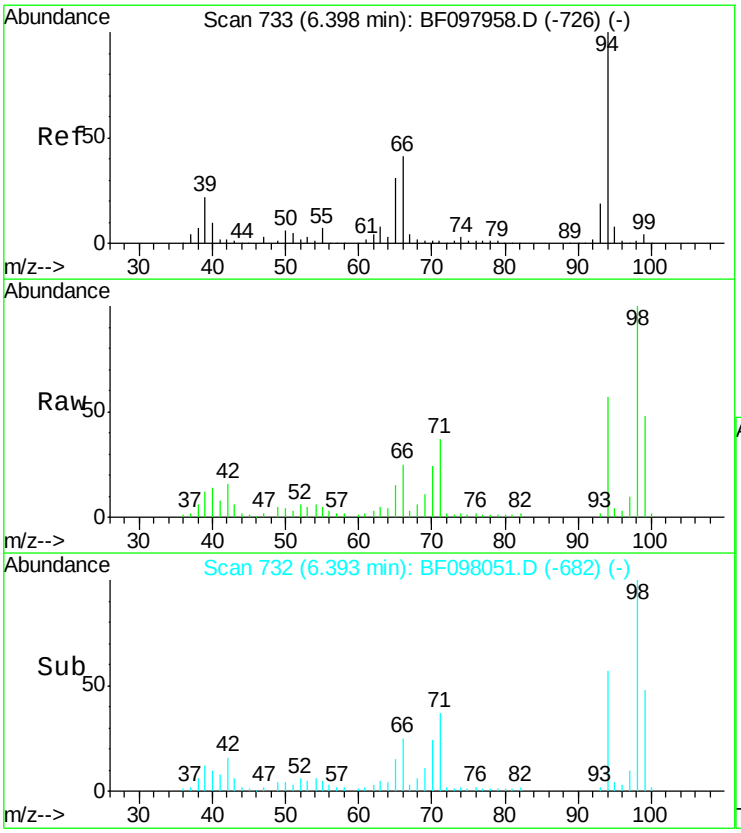
#7
Phenol-d6
Concen: 107.51 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-A-COMP

Tgt Ion: 99 Resp: 966916

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	34.0	24.5	36.7

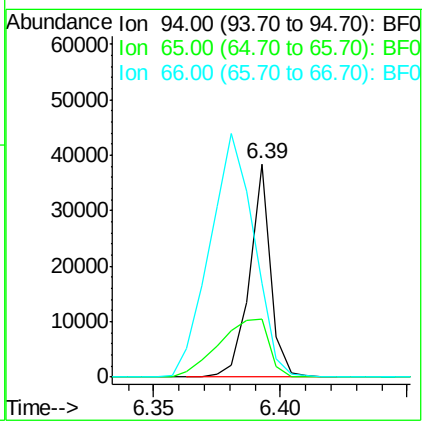


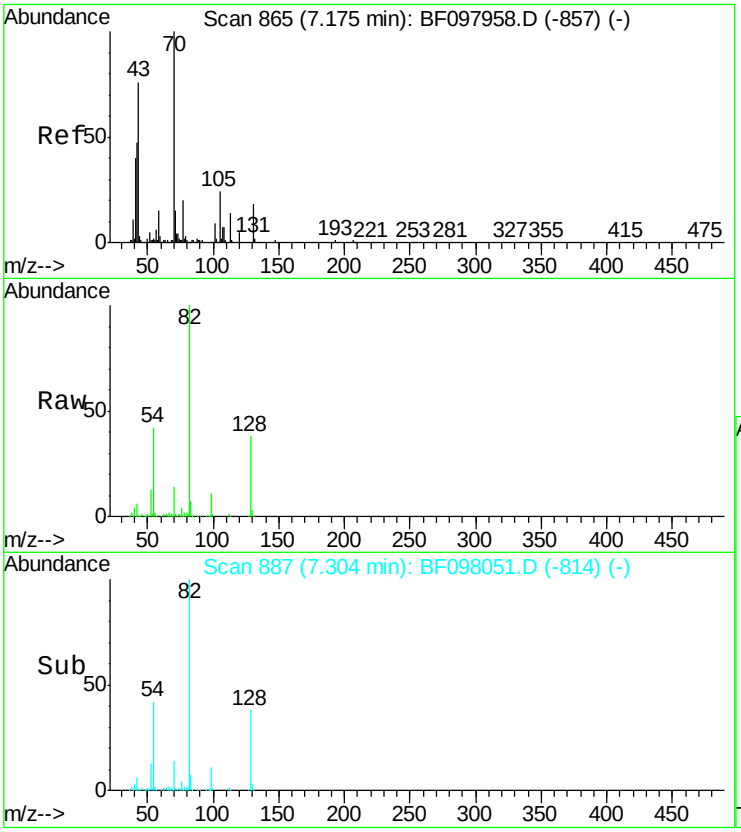


#10
Phenol
Concen: 2.11 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Tgt Ion: 94 Resp: 22181

Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.9	49.9
66	44.2	23.1	63.1



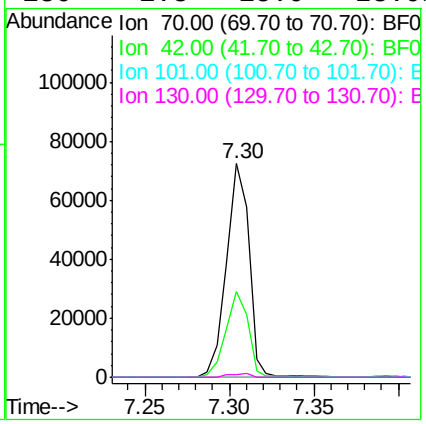


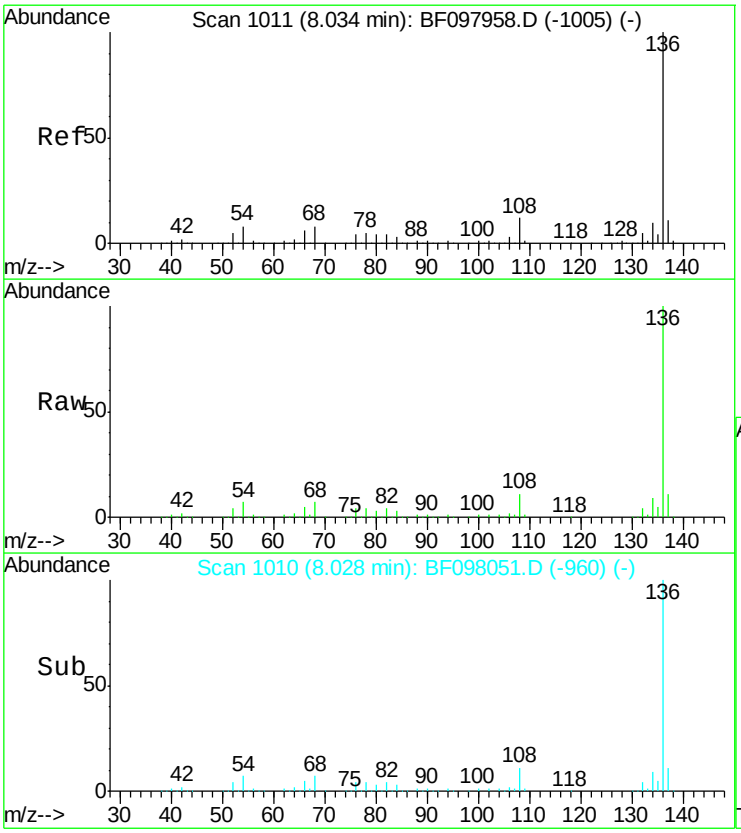
#19
n-Nitroso-di-n-propylamine
Concen: 10.87 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-A-COMP

Tgt Ion: 70 Resp: 66900

Ion	Ratio	Lower	Upper
70	100		
42	39.9	47.2	70.8#
101	0.0	7.2	10.8#
130	1.3	15.9	23.9#

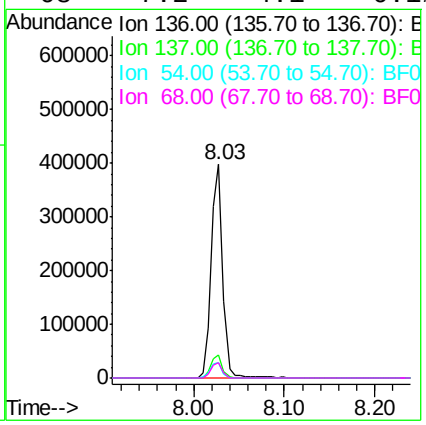


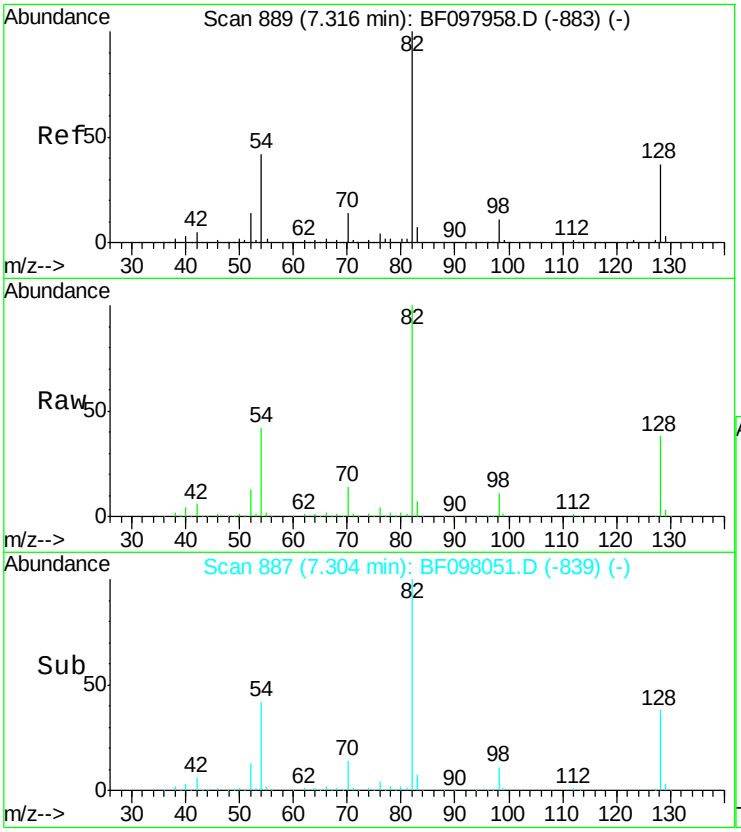


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Tgt Ion:136 Resp: 357113

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.0	4.9	7.3
68	7.2	4.1	6.1#



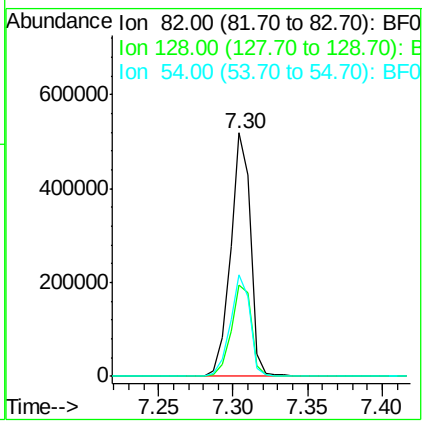


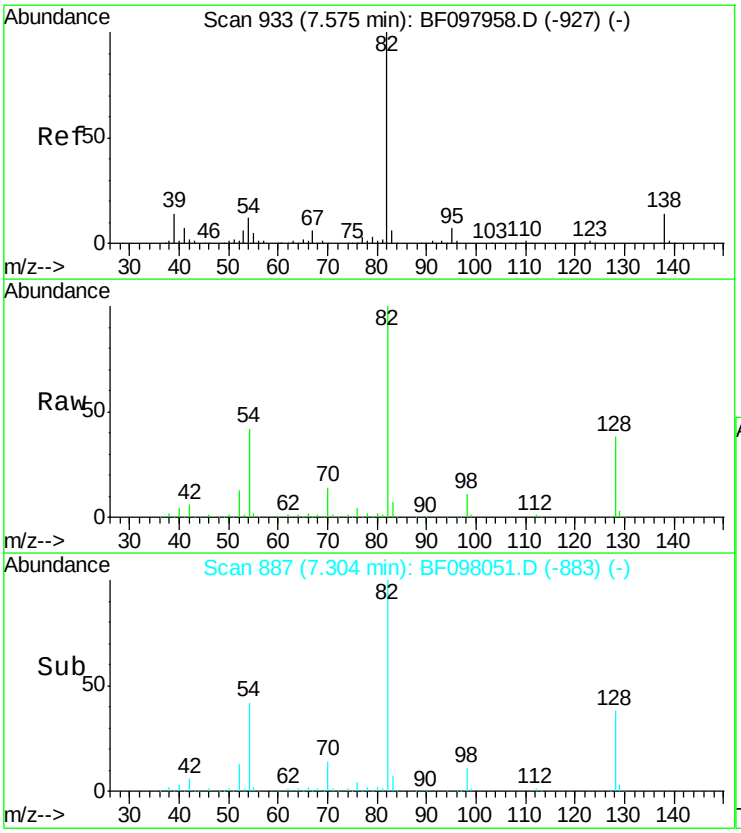
#23
Nitrobenzene-d5
Concen: 74.43 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-A-COMP

Tgt Ion: 82 Resp: 489306

Ion	Ratio	Lower	Upper
82	100		
128	37.5	34.0	51.0
54	41.8	42.2	63.2#

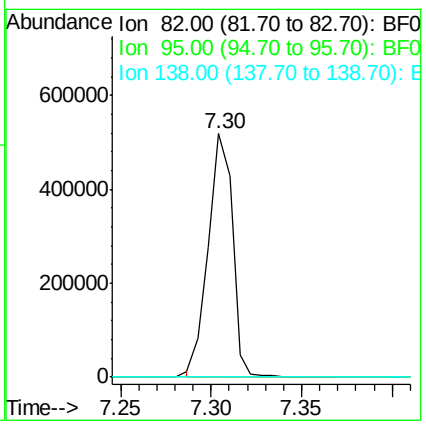


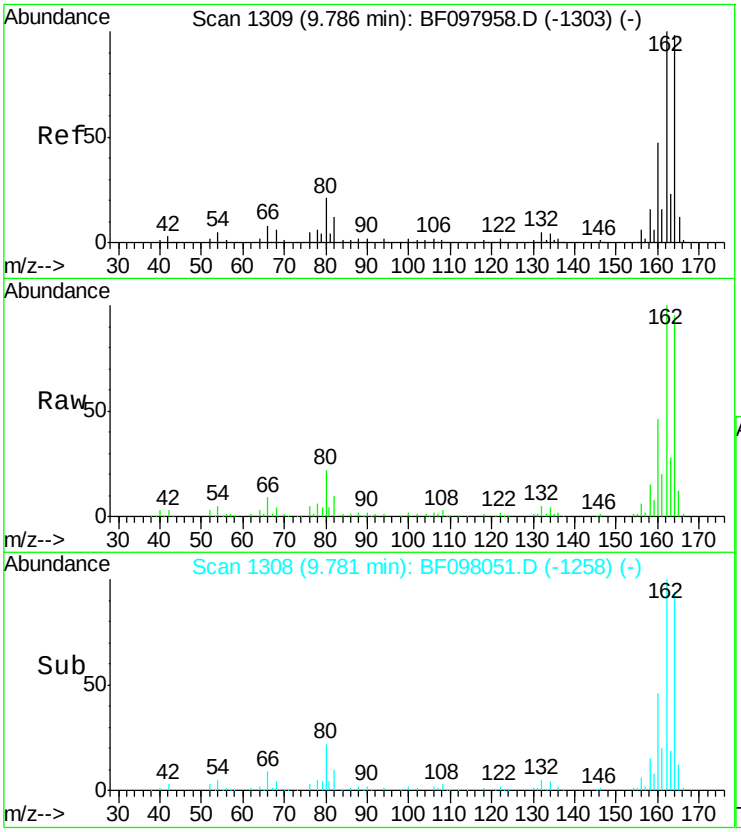


#25
Isophorone
Concen: 35.15 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Tgt Ion: 82 Resp: 480422

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



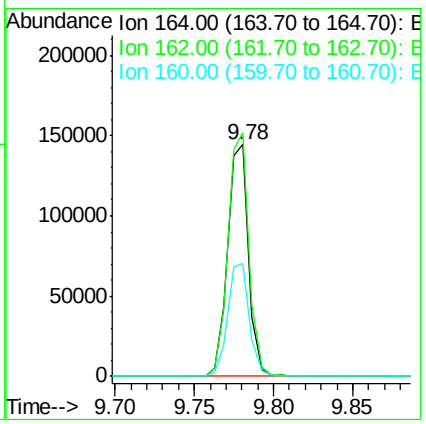


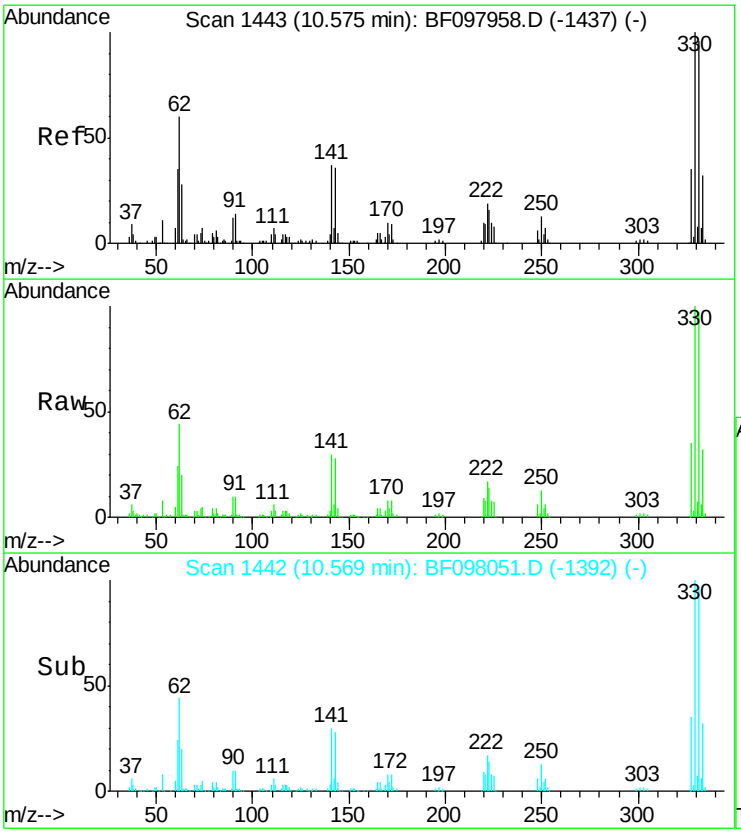
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-A-COMP

Tgt Ion:164 Resp: 132351

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	48.6	36.2	54.2

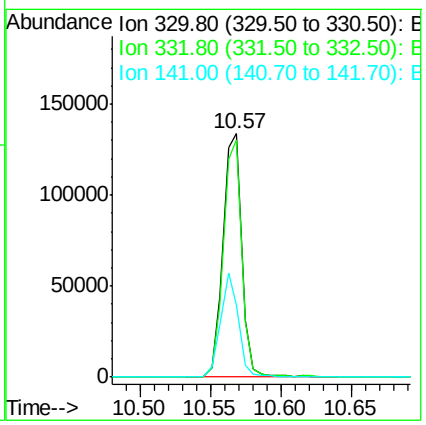


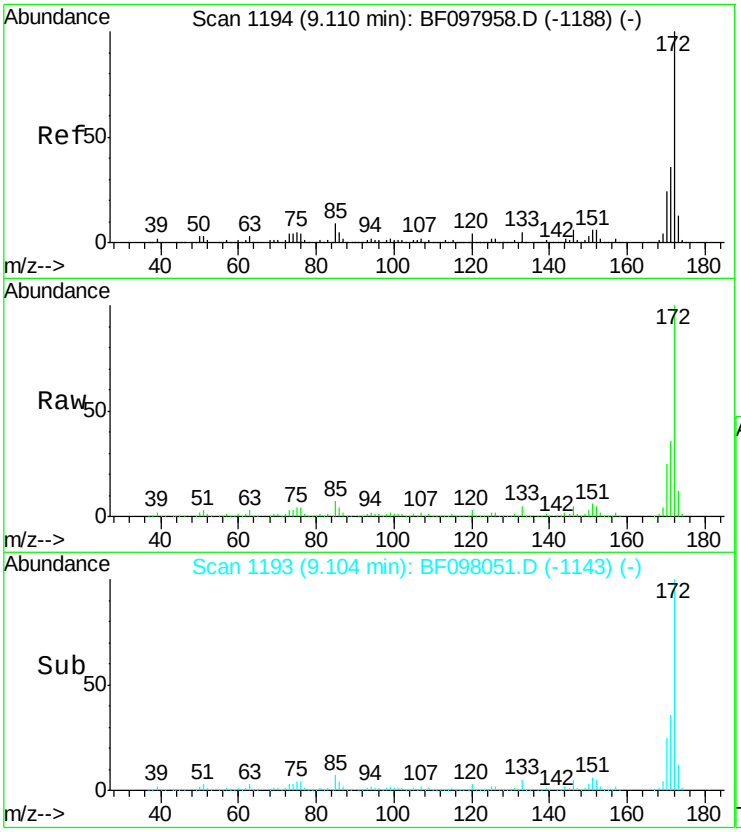


#41
2,4,6-Tribromophenol
Concen: 108.26 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Tgt Ion:330 Resp: 124323

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	40.4	31.4	47.2



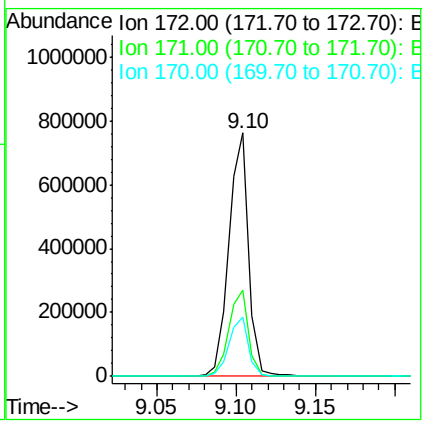


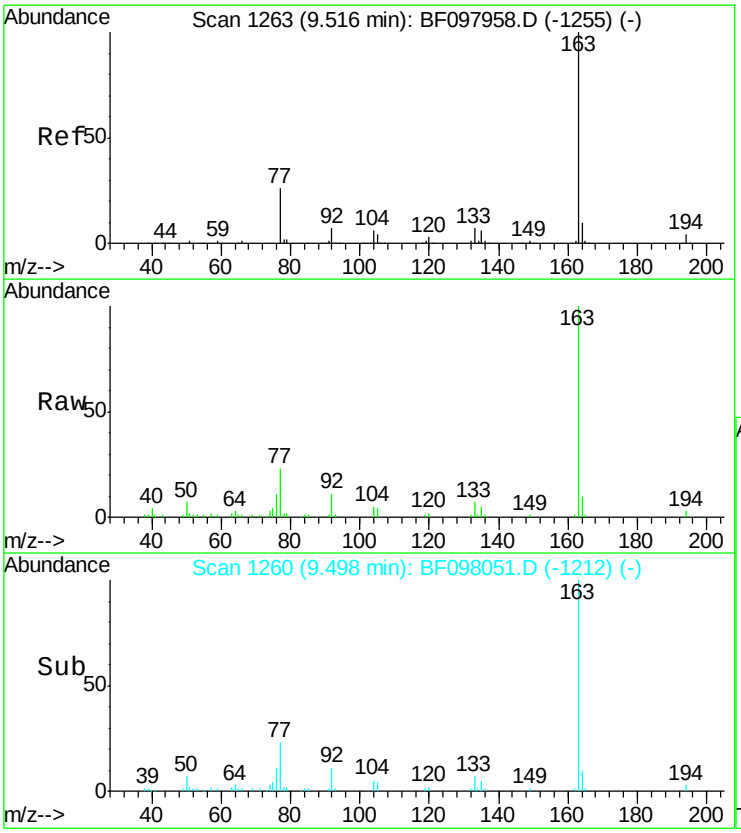
#44
2-Fluorobiphenyl
Concen: 72.86 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-A-COMP

Tgt Ion:172 Resp: 656356

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.5	19.8	29.8

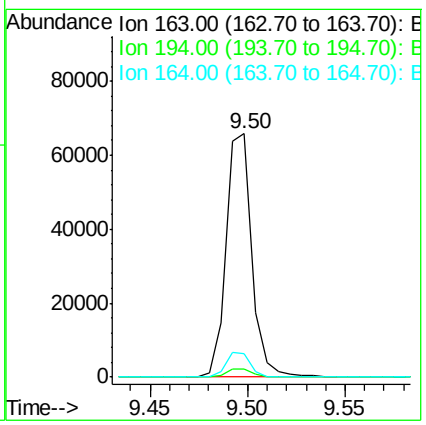


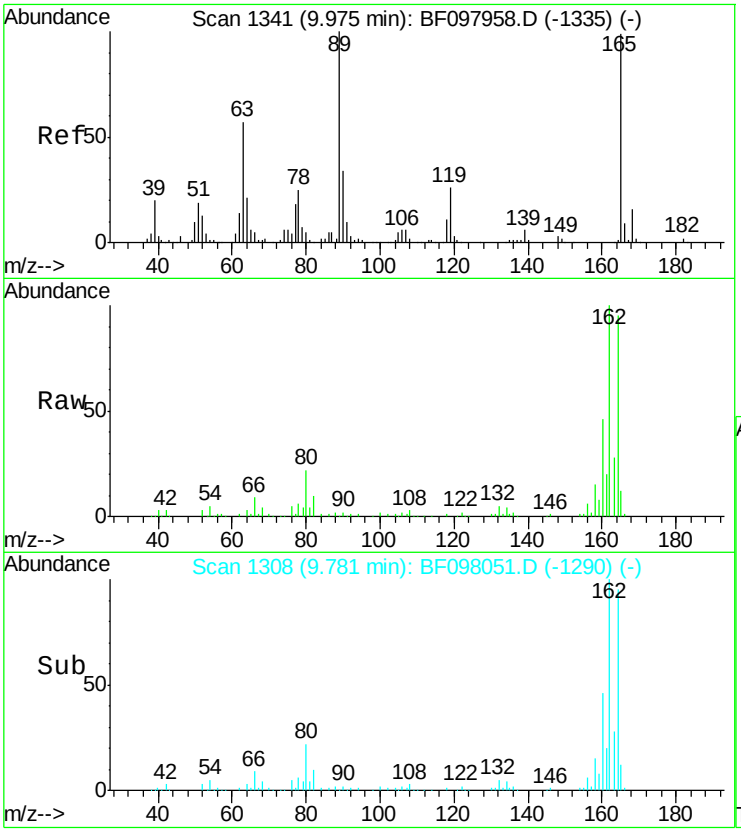


#49
Dimethylphthalate
Concen: 6.20 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Tgt Ion:163 Resp: 60003

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.6	8.4	12.6



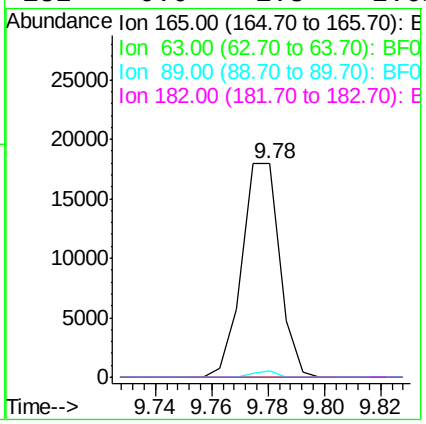


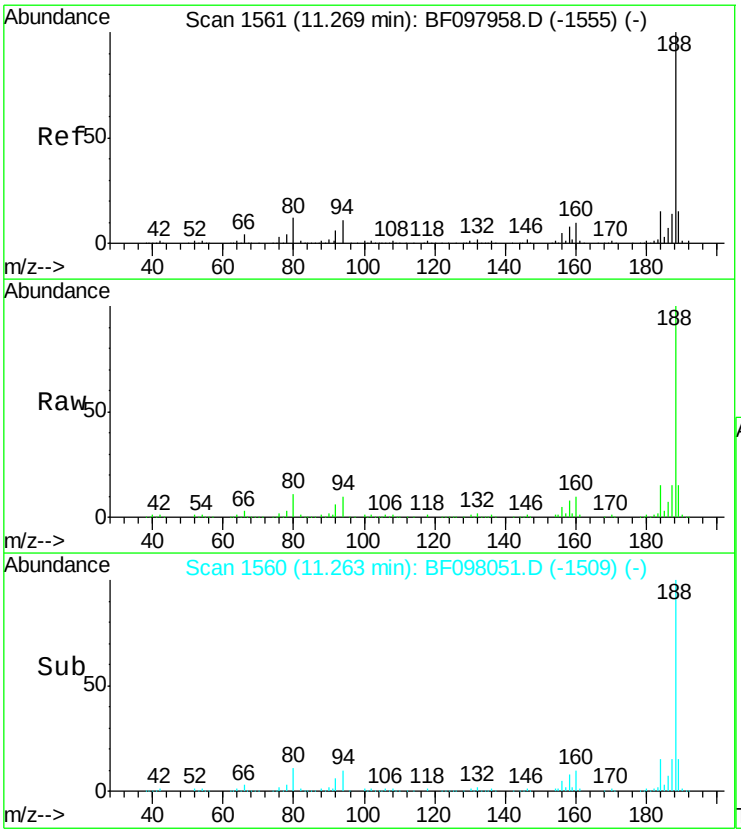
#56
2,4-Dinitrotoluene
Concen: 6.91 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.19 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-A-COMP

Tgt Ion:165 Resp: 16755

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	2.9	46.4	69.6#
182	0.0	1.8	2.6#

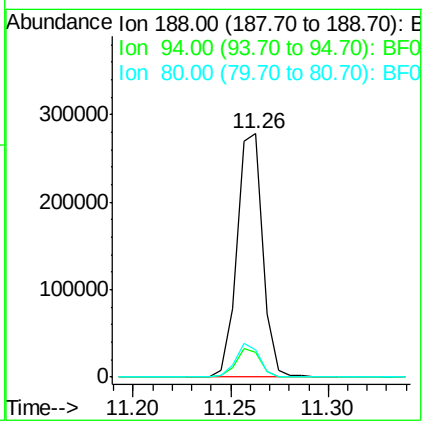


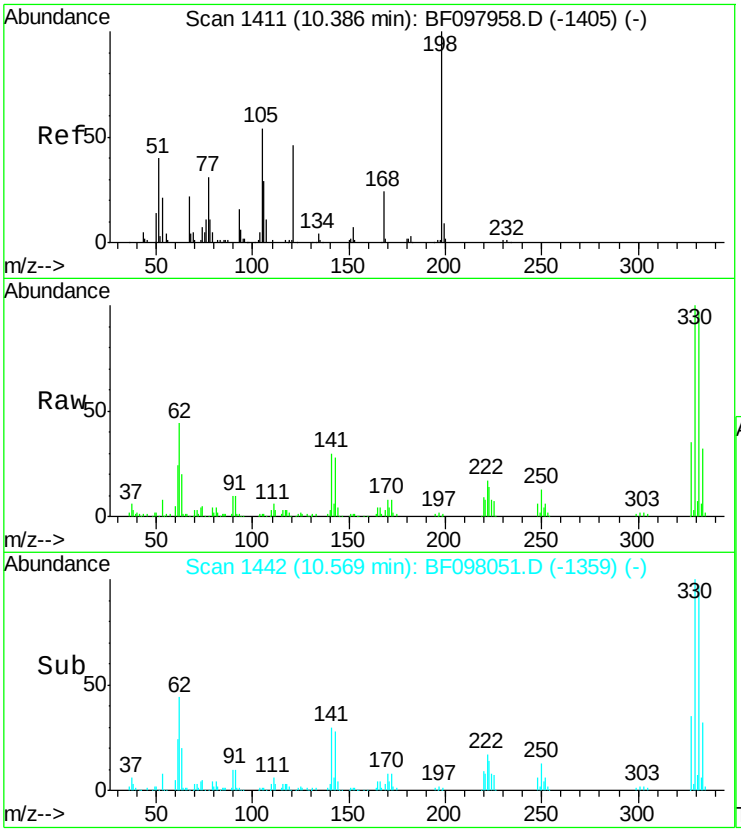


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Tgt Ion:188 Resp: 253766

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	11.0	10.2	15.2



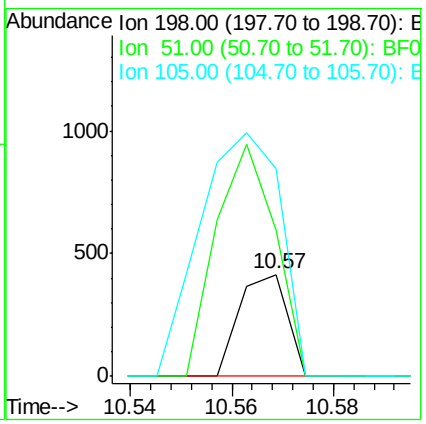


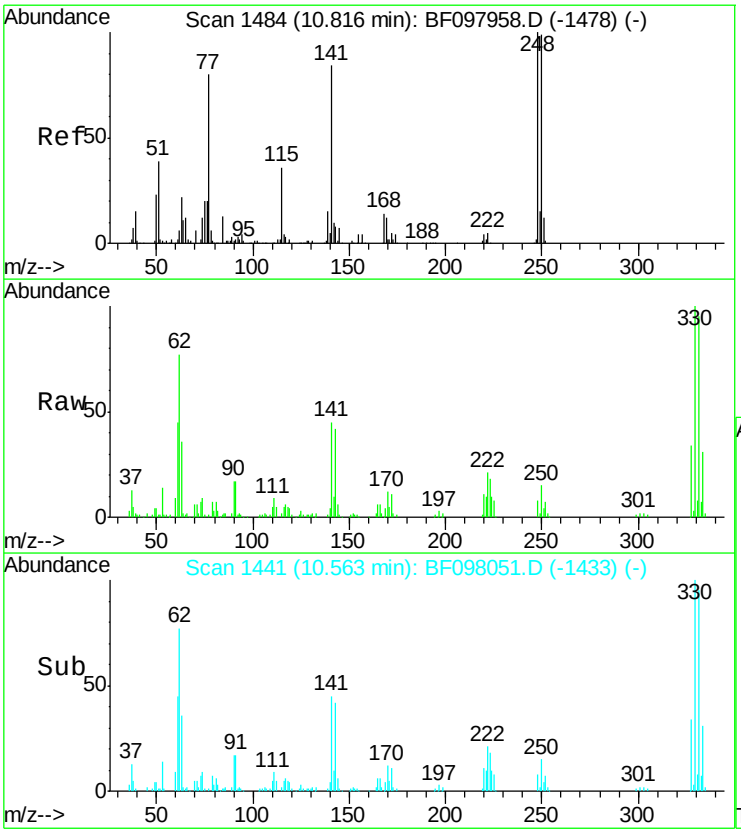
#64
4,6-Dinitro-2-methylphenol
Concen: 8.51 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.19 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-A-COMP

Tgt Ion:198 Resp: 276

Ion	Ratio	Lower	Upper
198	100		
51	143.3	53.2	93.2#
105	204.1	45.8	85.8#

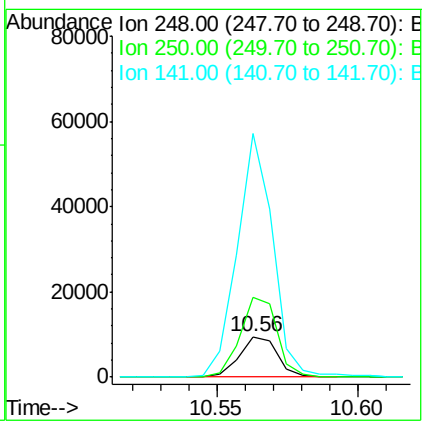


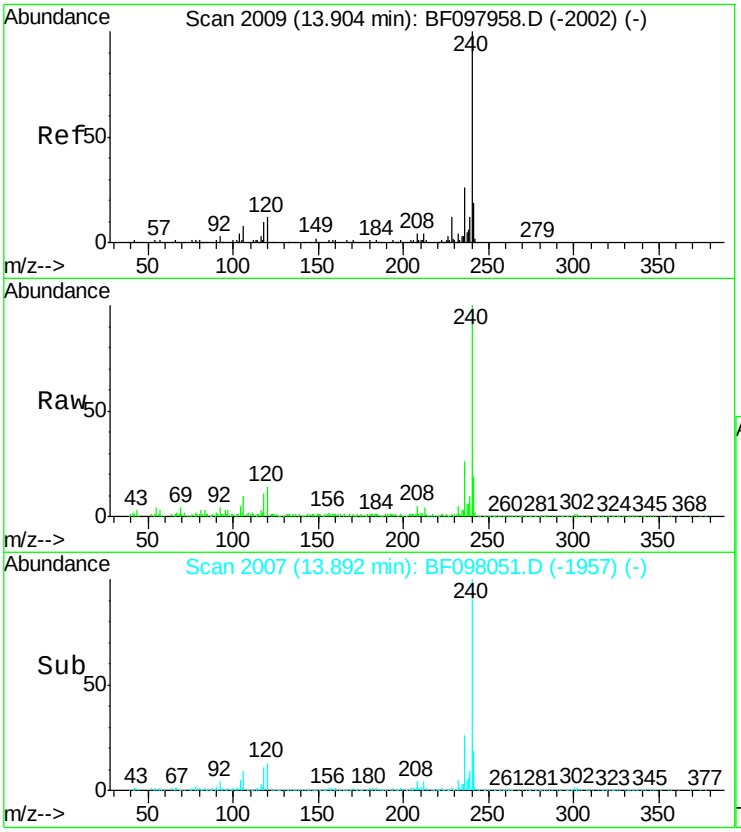


#66
4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Tgt Ion:248 Resp: 8646

Ion	Ratio	Lower	Upper
248	100		
250	197.2	76.8	115.2#
141	600.4	68.6	103.0#



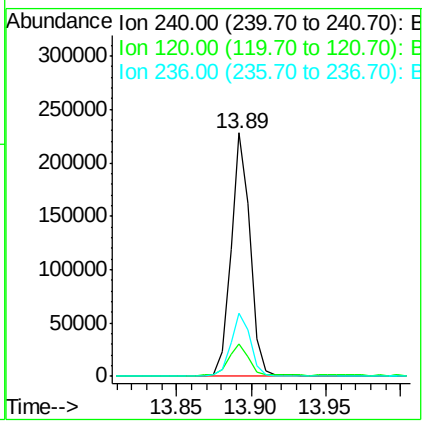


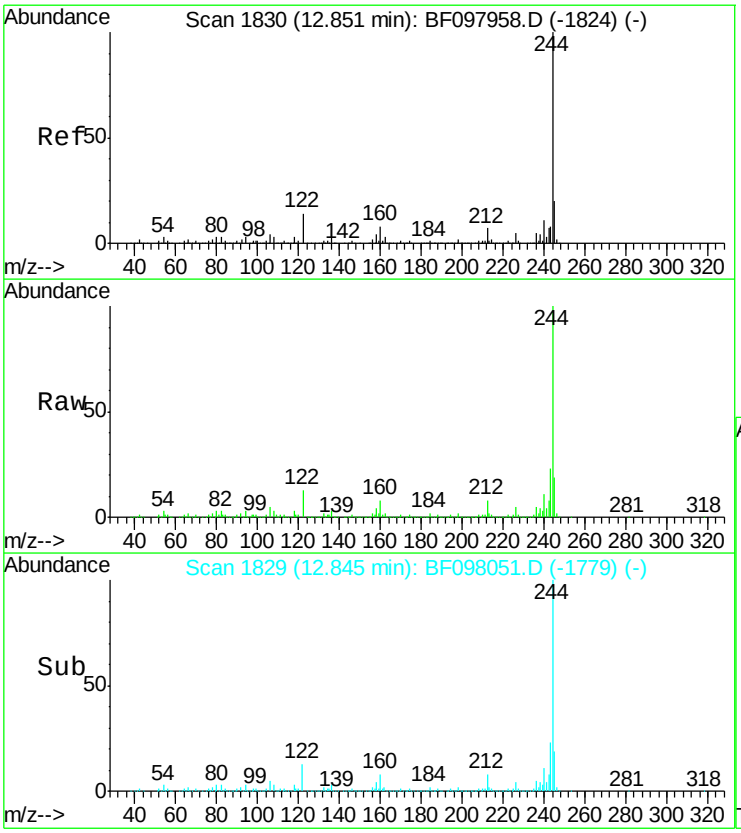
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-A-COMP

Tgt Ion:240 Resp: 204067

Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	25.9	20.5	30.7

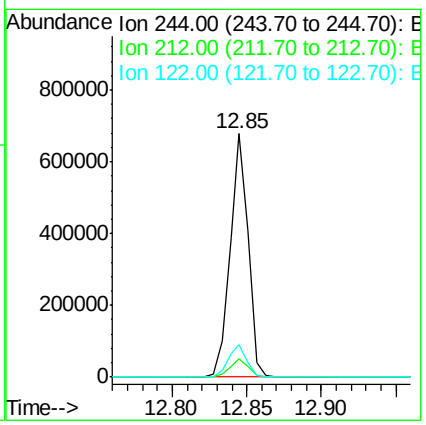


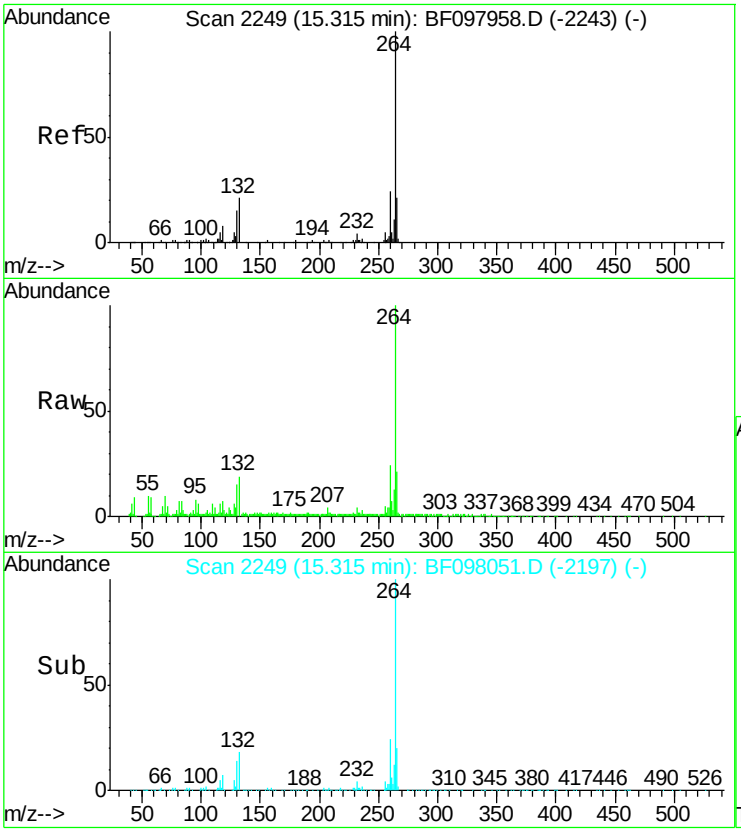


#78
Terphenyl-d14
Concen: 59.14 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Tgt Ion:244 Resp: 578777

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.5	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Instrument :
BNA_F
ClientSampleId :
MANHOLE-A-COMP

Tgt Ion:264 Resp: 143497

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.0	17.2	25.8