Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098457.D
Acq On : 12 Sep 2017 18:27
Operator : SJ/JU
Sample : PB102209BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB102209BL

Quant Time: Sep 13 00:58:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	225885	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	914493	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	383443	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	601414	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	387993	20.00	ng	0.00
86) Perylene-d12	15.20	264	345882	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1898756	124.28	ng	0.00
7) Phenol-d6	6.32	99	2340985	120.68	ng	0.00
23) Nitrobenzene-d5	7.23	82	1417402	86.41	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	322649	126.08	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2223356	98.28	ng	-0.01
78) Terphenyl-d14	12.76	244	1409810	78.43	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	189666	15.545	ng	# 79
25) Isophorone	7.23	82	1377022	41.491	ng	# 67
32) Benzoic acid	7.95	122	263	7.992	ng	# 1
50) 2,6-Dinitrotoluene	9.69	165	49507	8.120	ng	# 34
56) 2,4-Dinitrotoluene	9.69	165	49507	6.679	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.49	198	923	5.189	ng	# 32
66) 4-Bromophenyl-phenylether	10.49	248	24354	4.267	ng	# 1

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

Quantitation Report (Not Reviewed)

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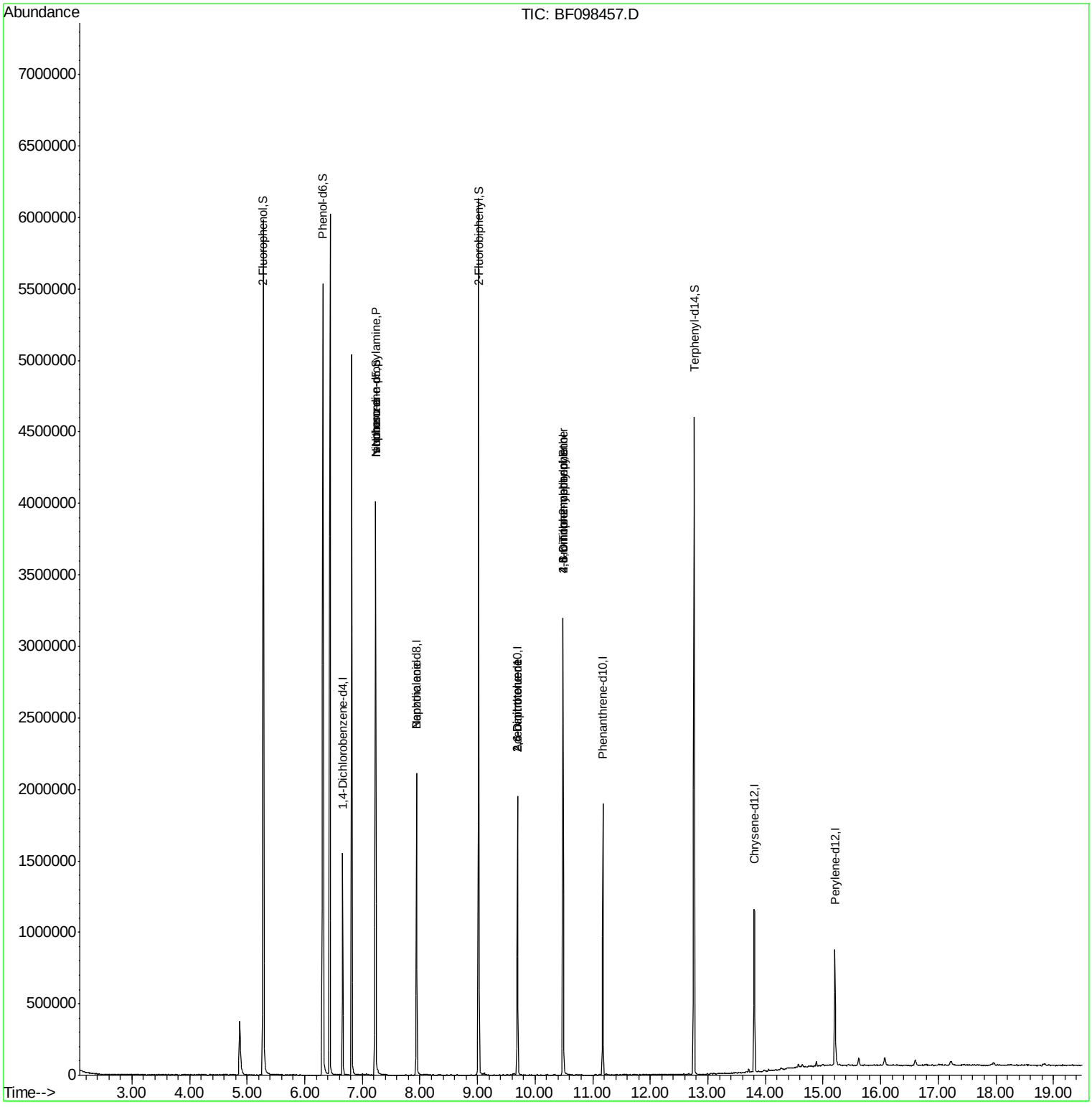
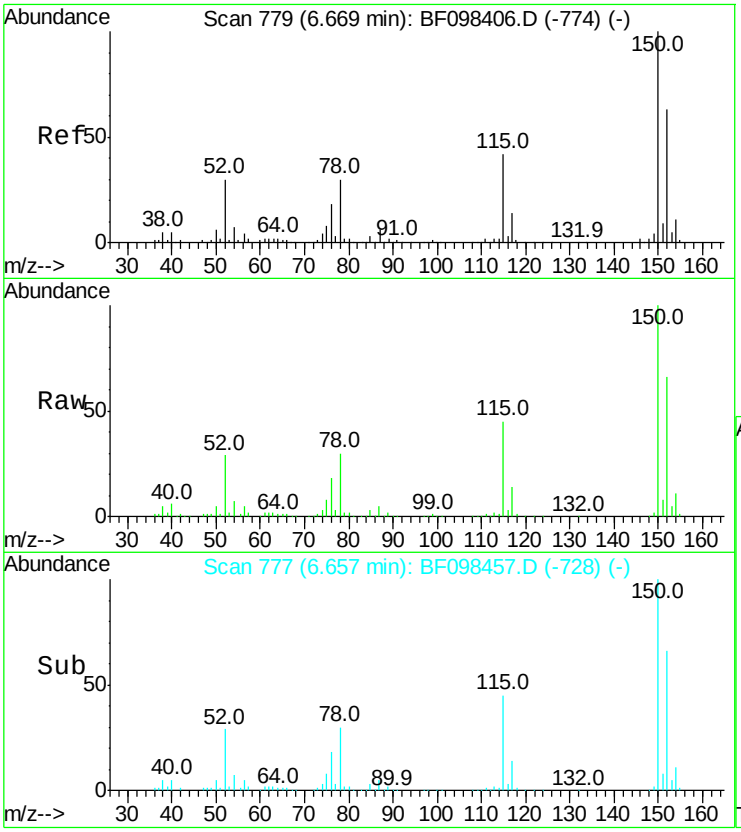


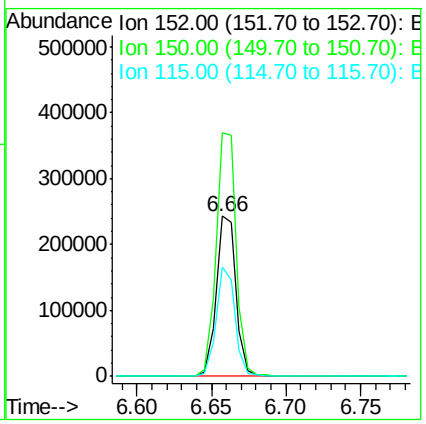


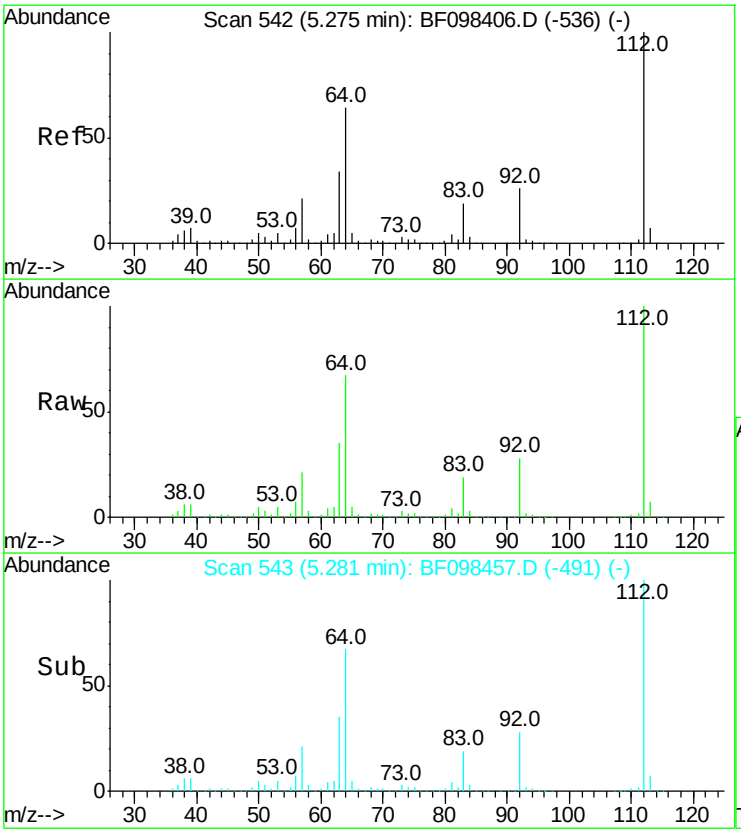
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Instrument :
BNA_F
ClientSampleId :
PB102209BL

Tgt Ion:152 Resp: 225885

Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.2	189.2
115	68.7	52.2	78.2

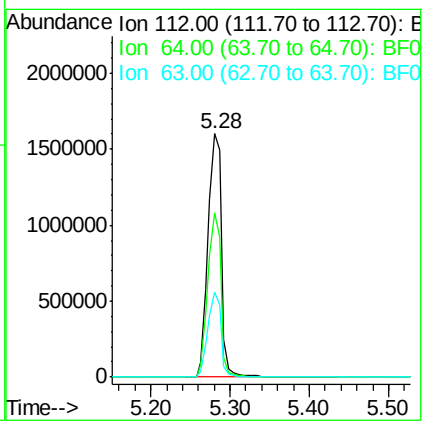


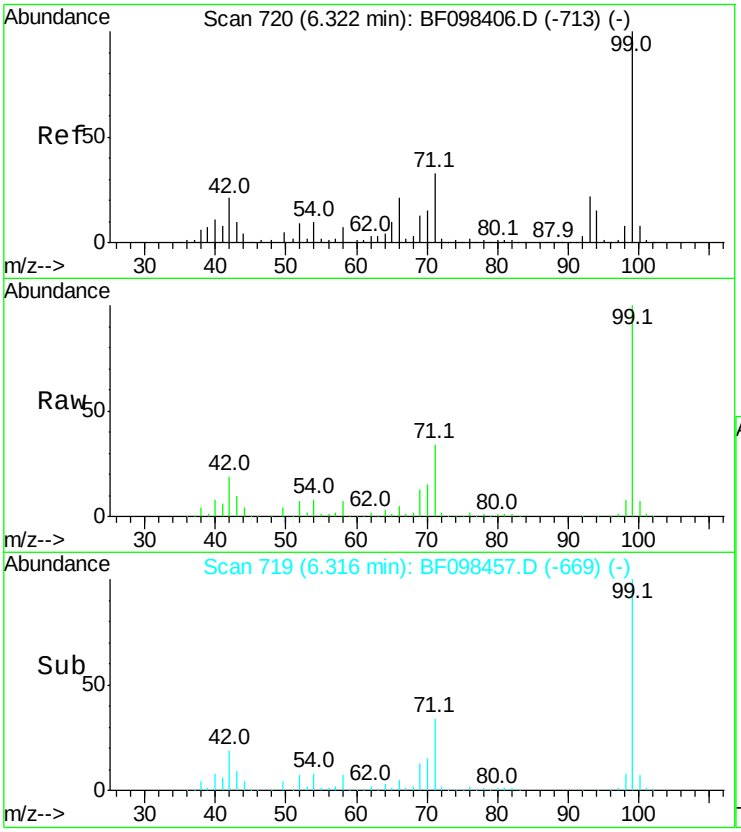


#5
2-Fluorophenol
Concen: 124.283 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Tgt Ion:112 Resp: 1898756

Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.0	69.0
63	34.8	23.4	35.0



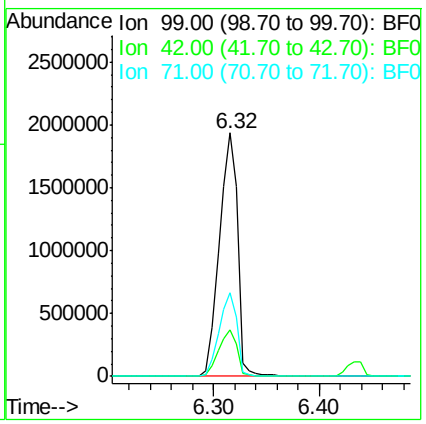


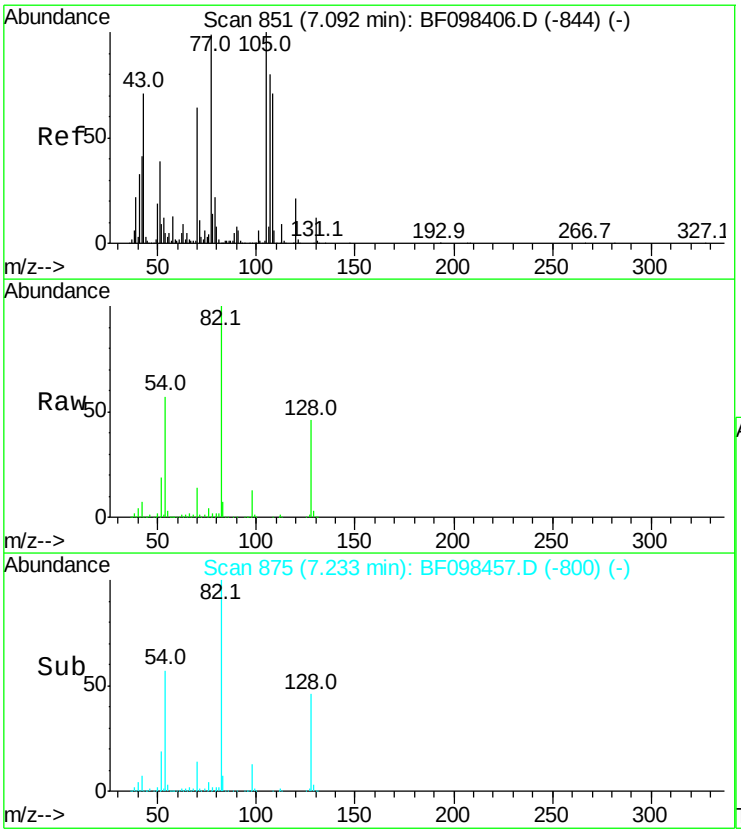
#7
Phenol-d6
Concen: 120.684 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Instrument :
BNA_F
ClientSampleId :
PB102209BL

Tgt Ion: 99 Resp: 2340985

Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.5	20.3
71	34.1	24.5	36.7

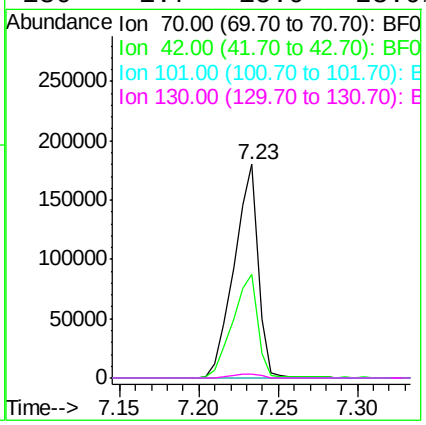


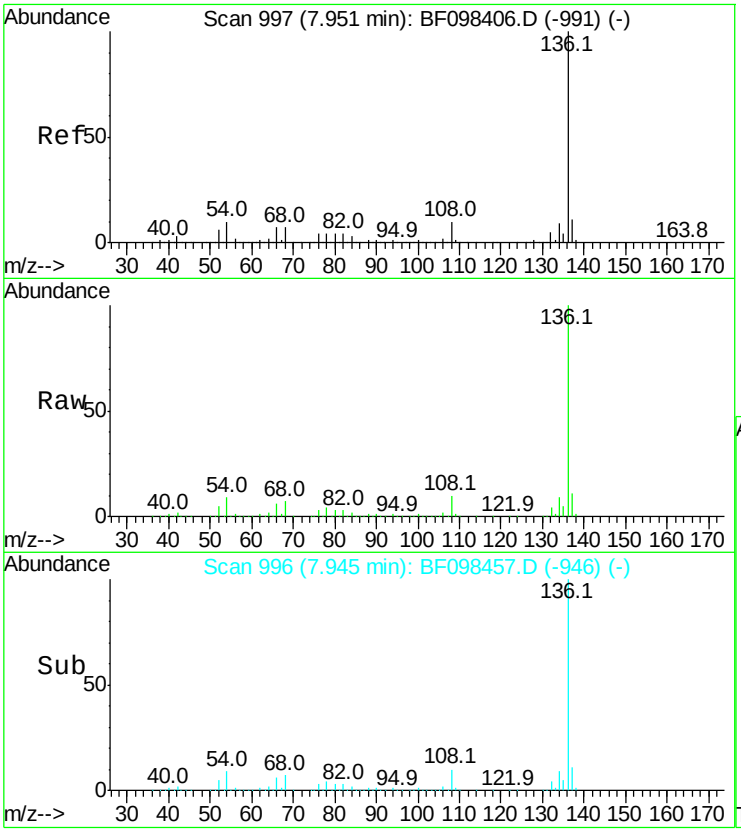


#19
n-Nitroso-di-n-propylamine
Concen: 15.545 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.14 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Tgt Ion: 70 Resp: 189666

Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.2	70.8
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#



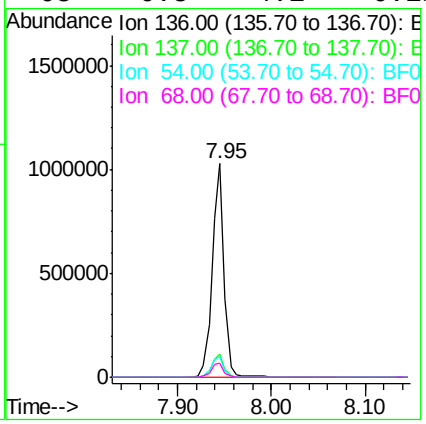


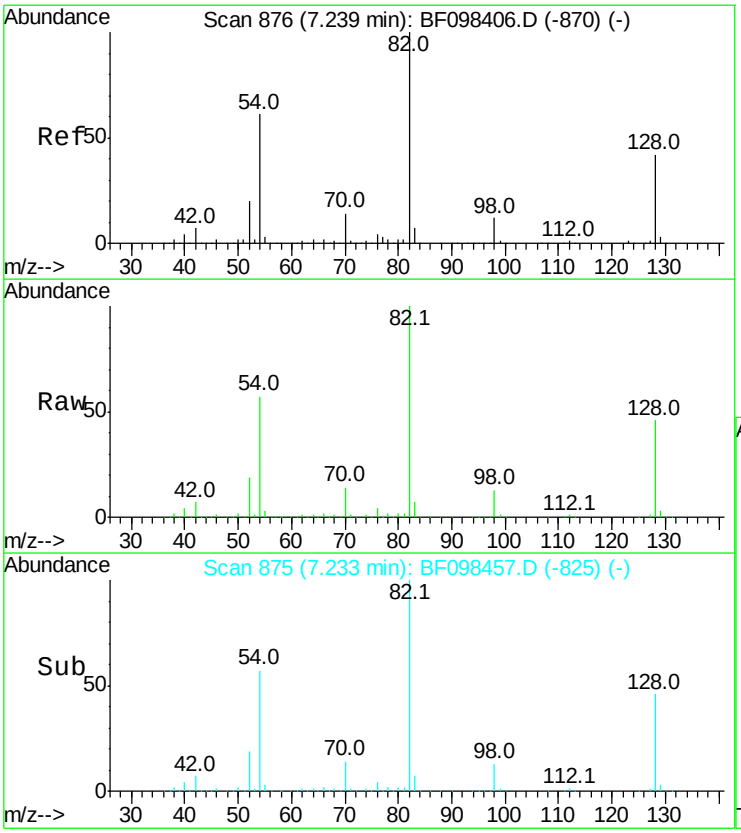
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Instrument :
BNA_F
ClientSampleId :
PB102209BL

Tgt Ion:136 Resp: 914493

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.3	4.9	7.3#
68	6.8	4.1	6.1#

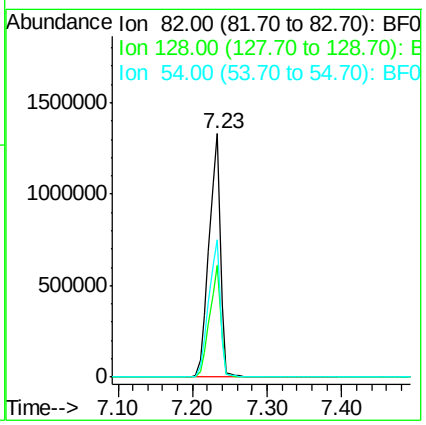


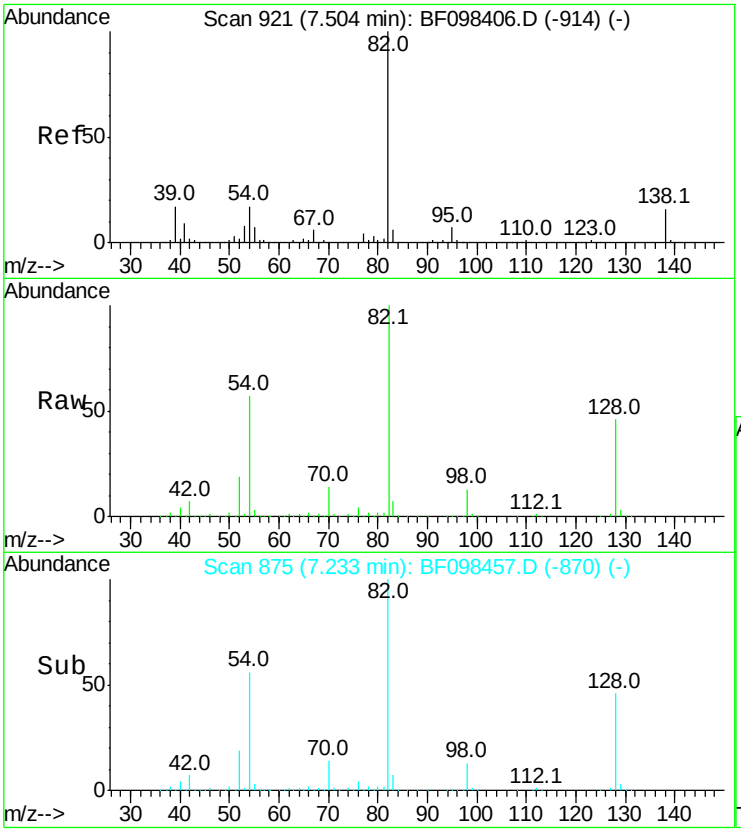


#23
Nitrobenzene-d5
Concen: 86.408 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Tgt Ion: 82 Resp: 1417402

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.0	51.0
54	56.5	42.2	63.2



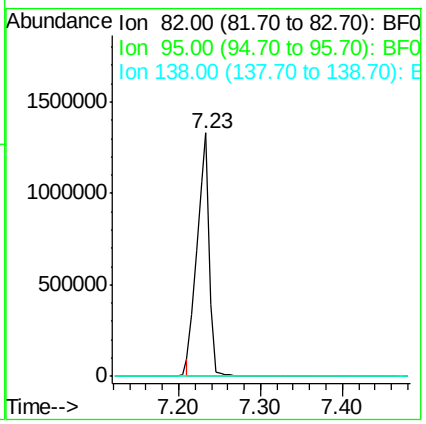


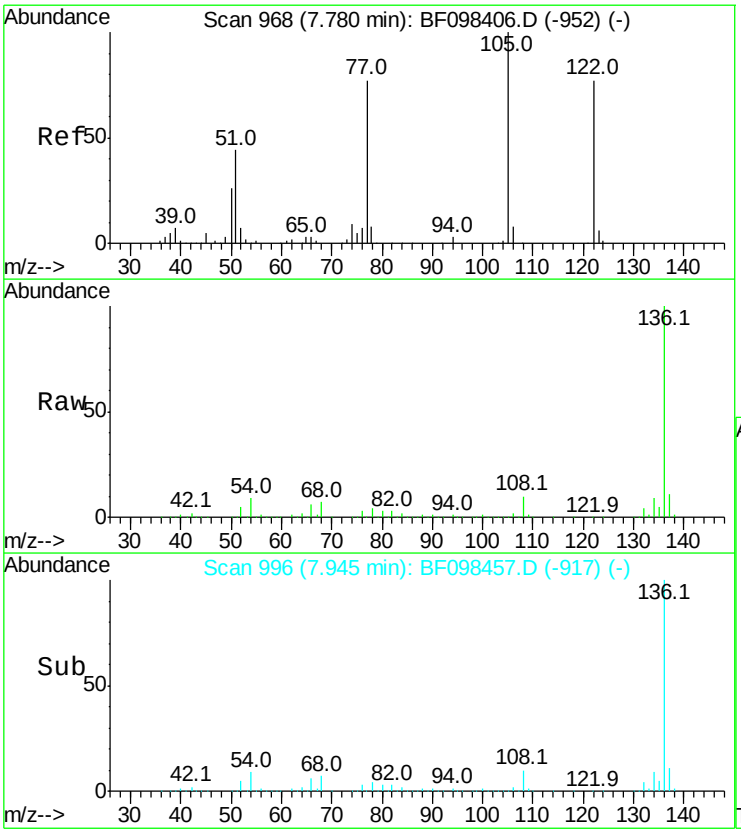
#25
Isophorone
Concen: 41.491 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.27 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Instrument :
BNA_F
ClientSampleId :
PB102209BL

Tgt Ion: 82 Resp: 1377022

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

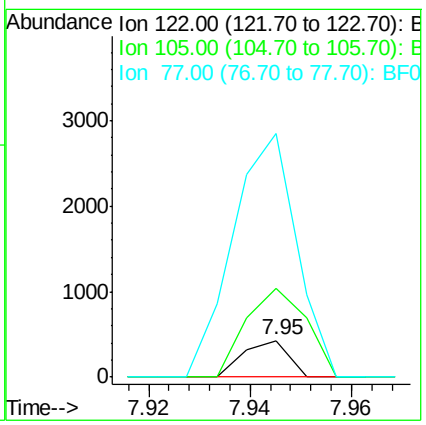


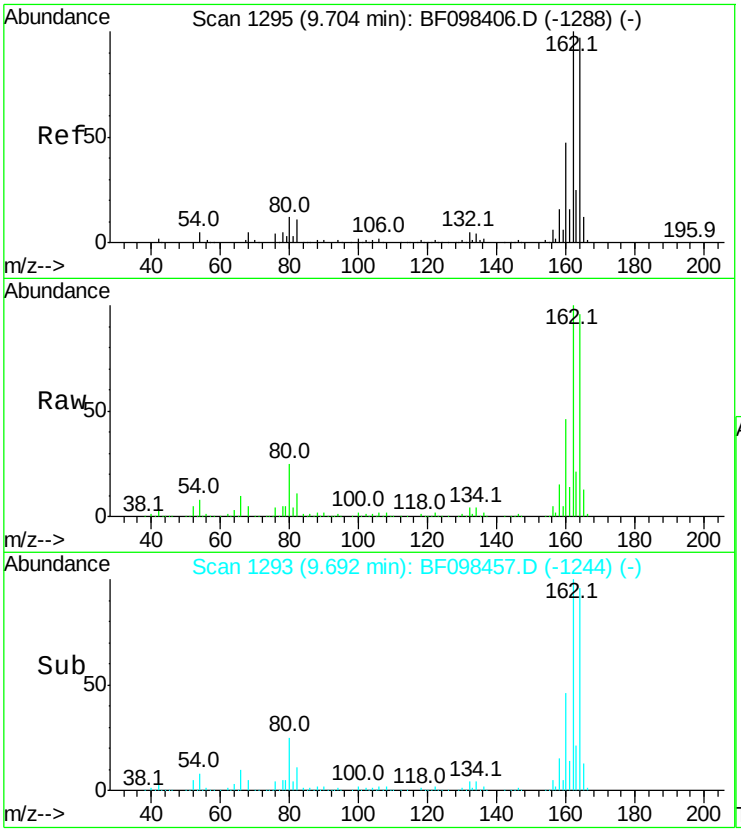


#32
Benzoic acid
Concen: 7.992 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.17 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Tgt Ion:122 Resp: 263

Ion	Ratio	Lower	Upper
122	100		
105	244.8	103.3	143.3#
77	668.5	73.7	113.7#



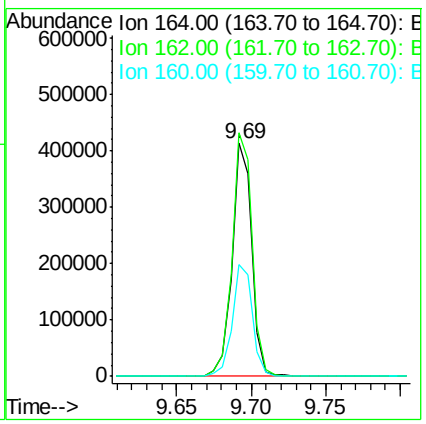


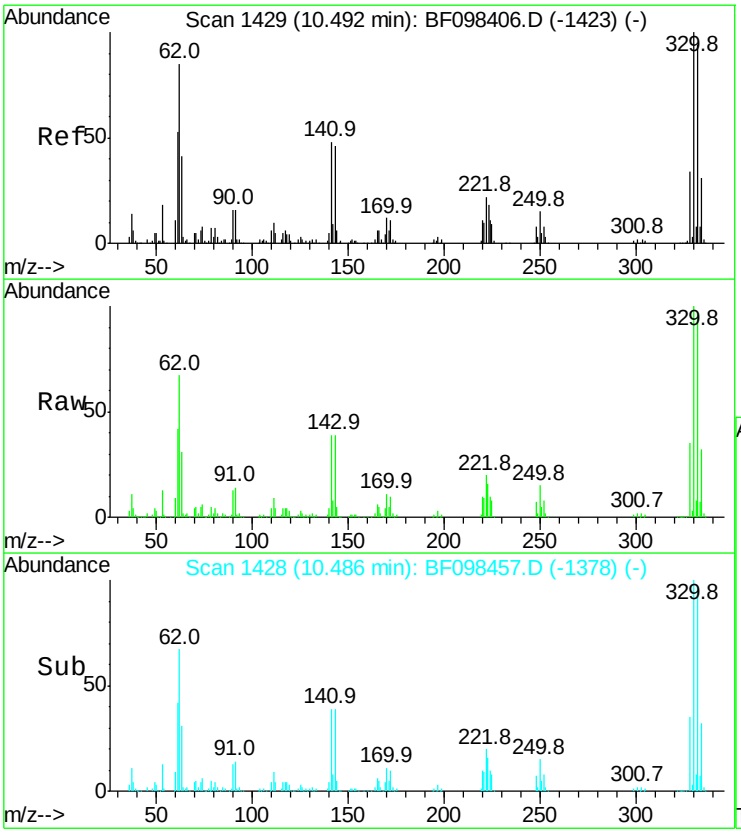
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Instrument :
BNA_F
ClientSampleId :
PB102209BL

Tgt Ion:164 Resp: 383443

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	48.2	36.2	54.2

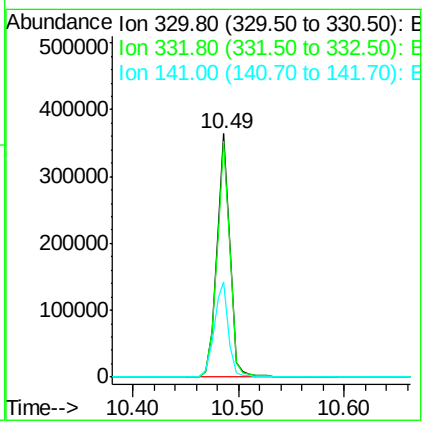


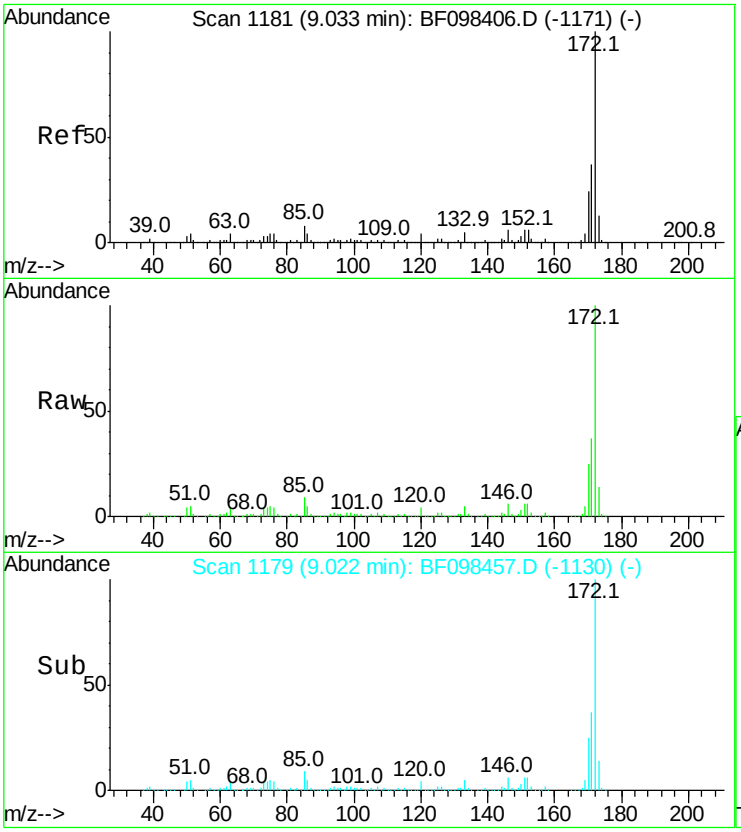


#41
2,4,6-Tribromophenol
Concen: 126.076 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Tgt Ion:330 Resp: 322649

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	42.4	31.4	47.2



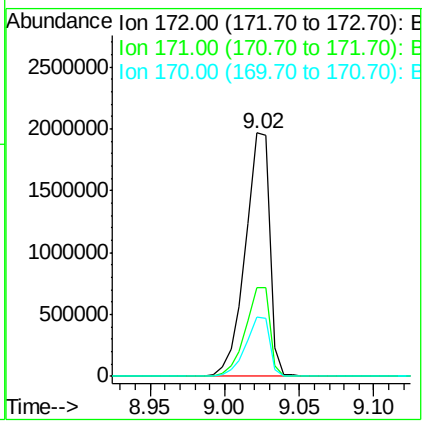


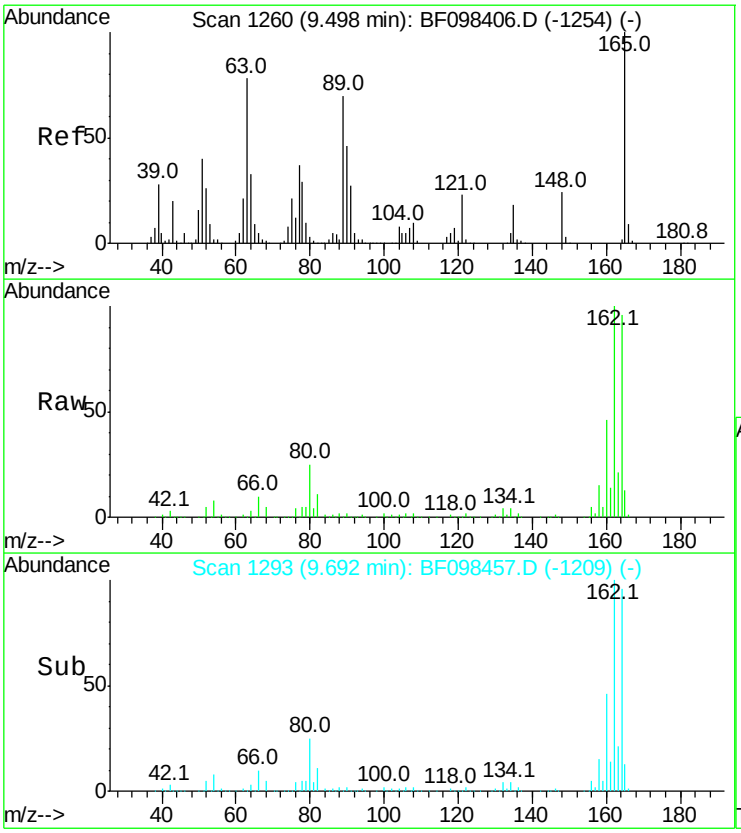
#44
2-Fluorobiphenyl
Concen: 98.278 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Instrument :
BNA_F
ClientSampleId :
PB102209BL

Tgt Ion:172 Resp: 2223356

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.6	19.8	29.8

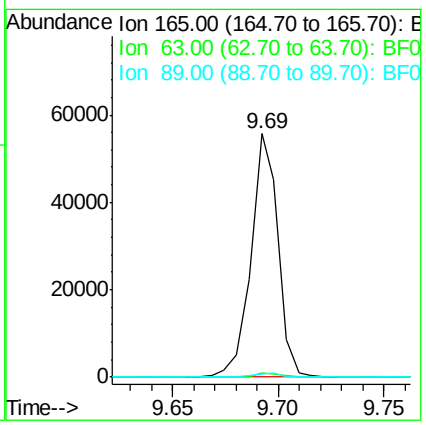


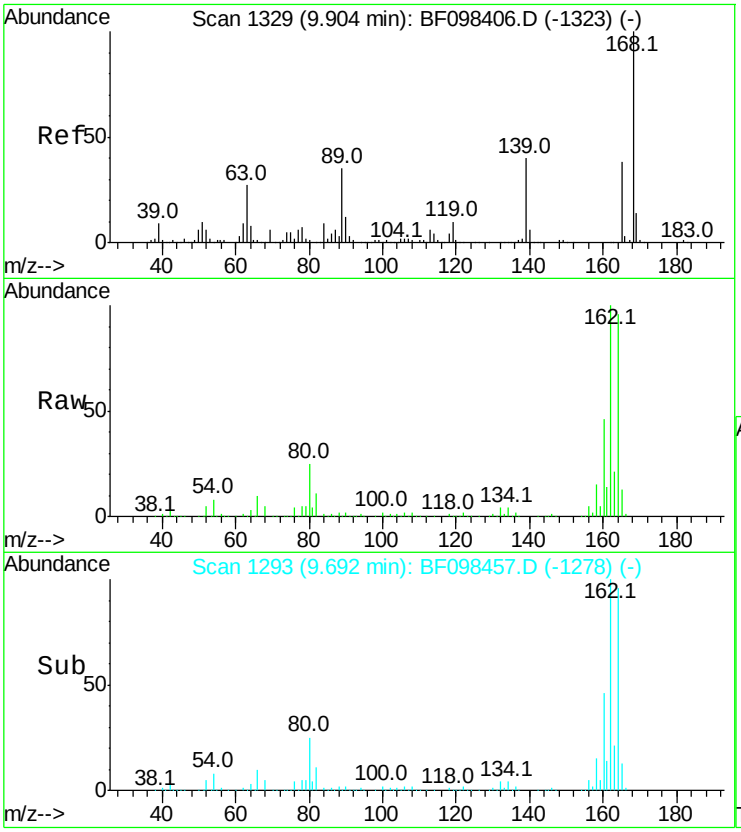


#50
2,6-Dinitrotoluene
Concen: 8.120 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.19 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Tgt Ion:165 Resp: 49507

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	1.2	37.1	55.7#



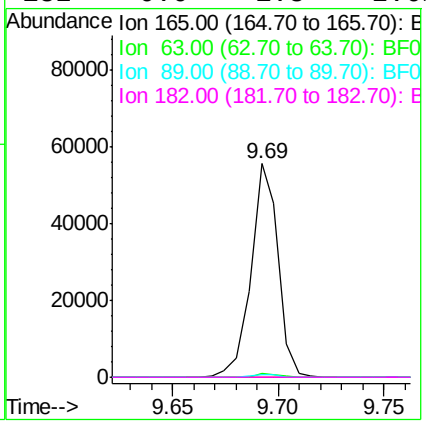


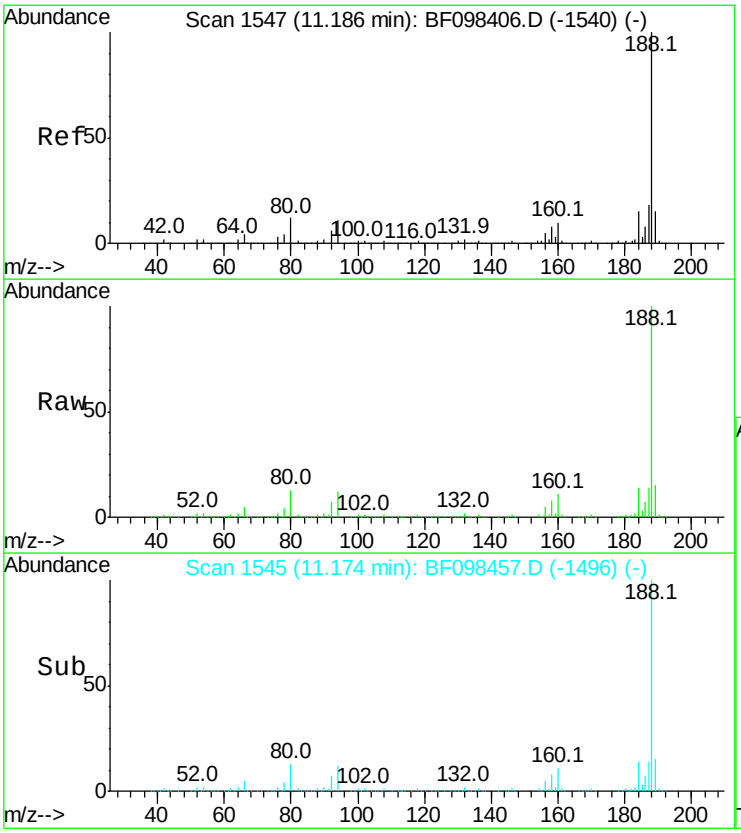
#56
2,4-Dinitrotoluene
Concen: 6.679 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.21 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Instrument :
BNA_F
ClientSampleId :
PB102209BL

Tgt Ion:165 Resp: 49507

Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#

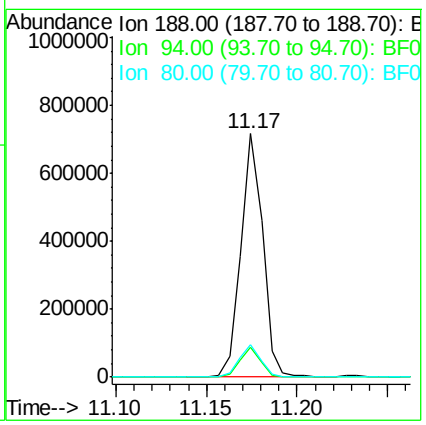


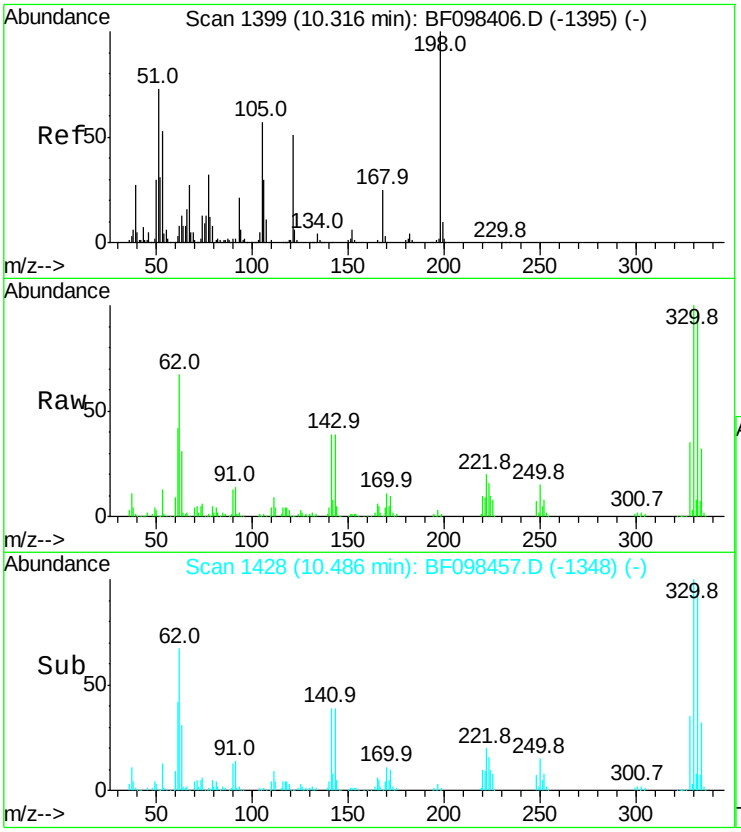


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Tgt Ion:188 Resp: 601414

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.4	14.2
80	13.1	10.2	15.2



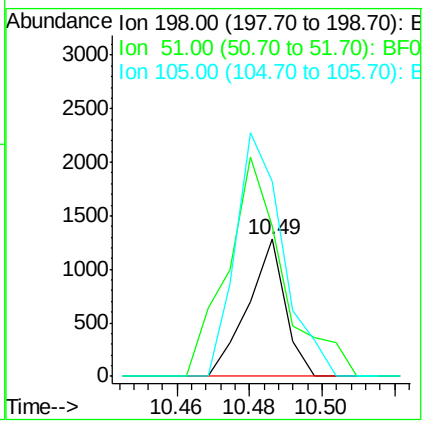


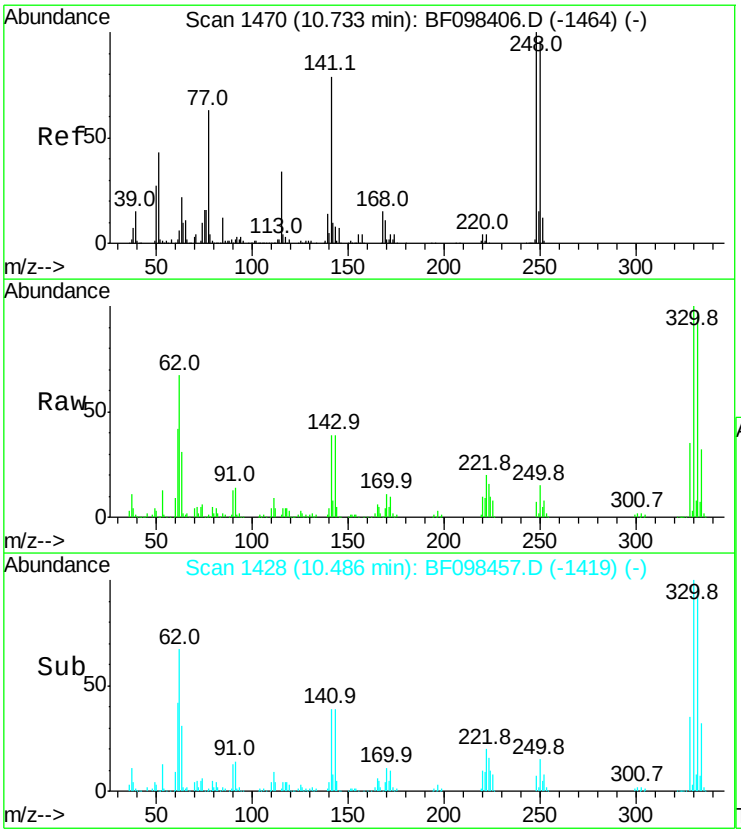
#64
4,6-Dinitro-2-methylphenol
Concen: 5.189 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.17 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Instrument :
BNA_F
ClientSampleId :
PB102209BL

Tgt Ion:198 Resp: 923

Ion	Ratio	Lower	Upper
198	100		
51	109.5	53.2	93.2#
105	142.0	45.8	85.8#

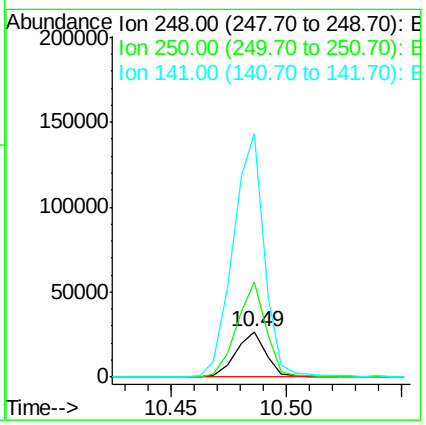


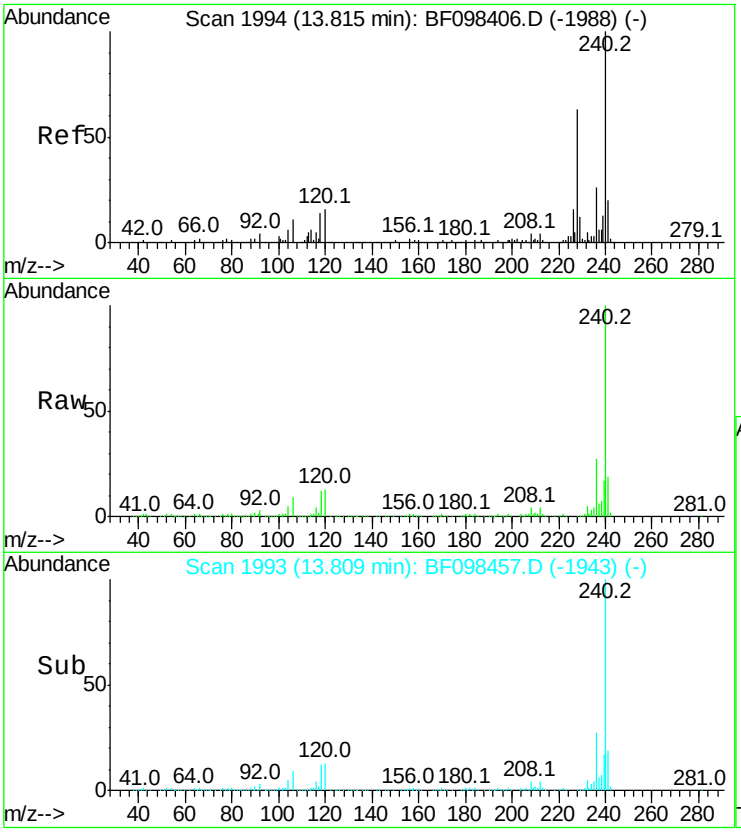


#66
4-Bromophenyl-phenylether
Concen: 4.267 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.25 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Tgt Ion:248 Resp: 24354

Ion	Ratio	Lower	Upper
248	100		
250	210.8	76.8	115.2#
141	537.5	68.6	103.0#



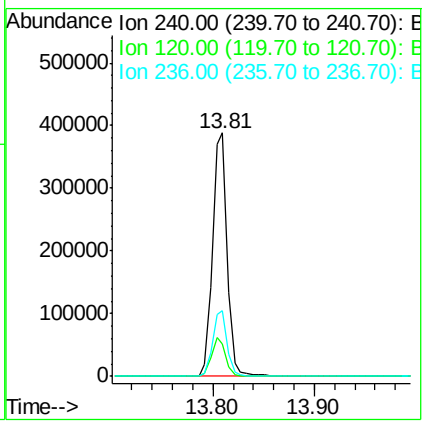


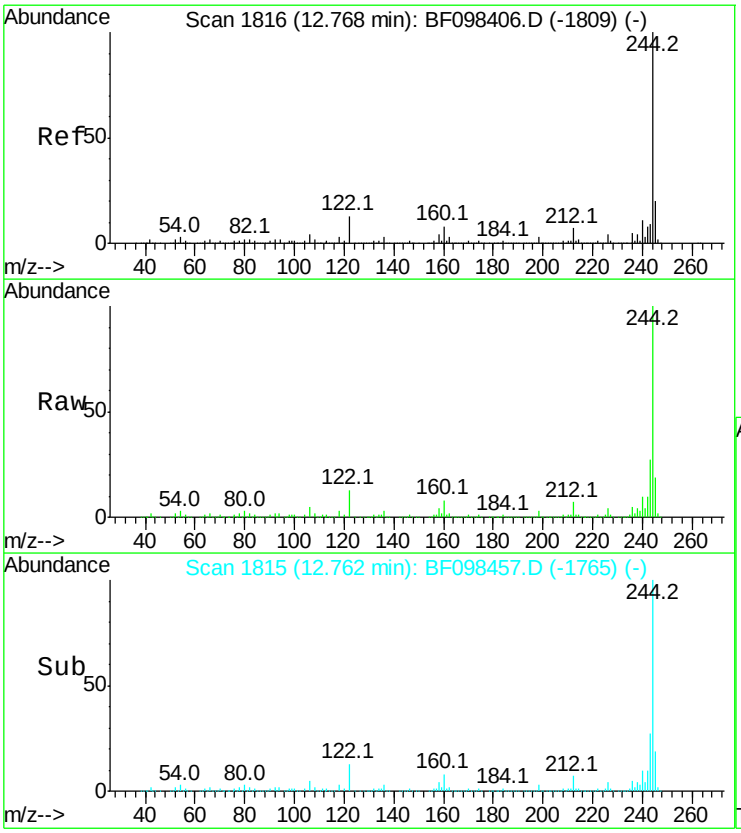
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Instrument :
BNA_F
ClientSampleId :
PB102209BL

Tgt Ion:240 Resp: 387993

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	27.0	20.5	30.7

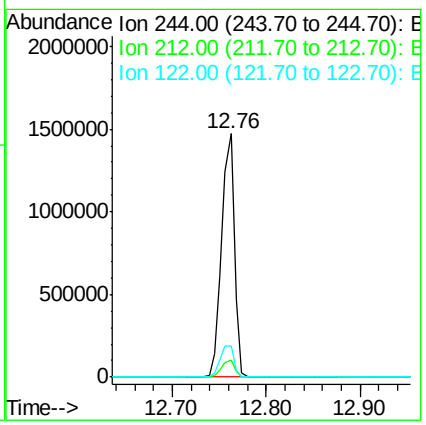


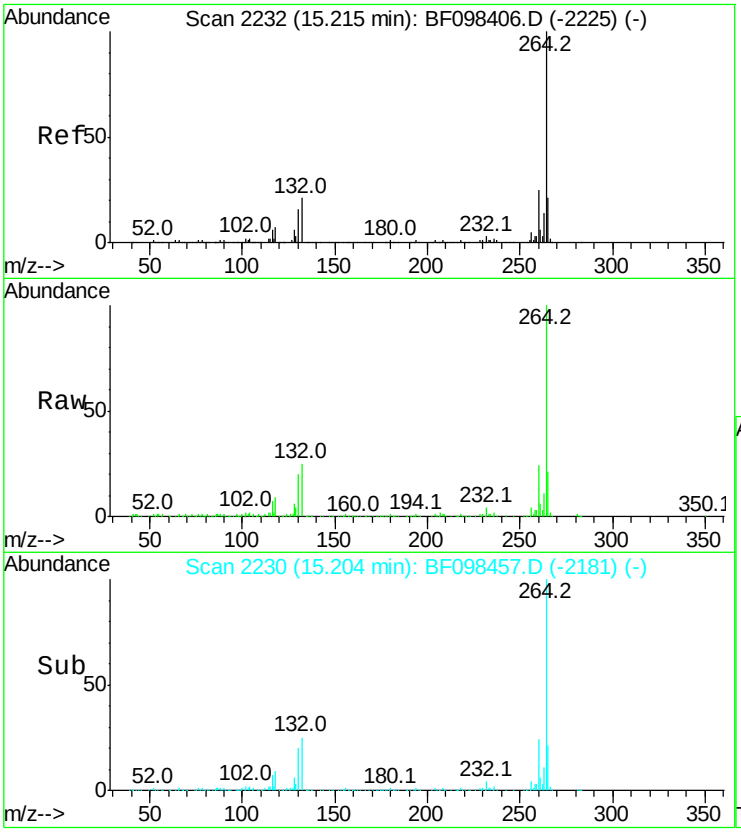


#78
Terphenyl-d14
Concen: 78.430 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Tgt Ion:244 Resp: 1409810

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.9	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Instrument :
BNA_F
ClientSampleId :
PB102209BL

Tgt Ion:264 Resp: 345882

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.3	17.2	25.8