Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097887.D
Acq On : 19 Aug 2017 19:07
Operator : SJ/JU
Sample : I4828-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05

Quant Time: Aug 21 02:42:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	147331	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	602701	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	275521	20.00	ng	-0.03
63) Phenanthrene-d10	11.27	188	468556	20.00	ng	-0.03
75) Chrysene-d12	13.90	240	275717	20.00	ng	-0.04
86) Perylene-d12	15.33	264	263421	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	701417	72.42	ng	-0.02
7) Phenol-d6	6.40	99	1220712	92.76	ng	-0.01
23) Nitrobenzene-d5	7.33	82	805633	72.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	315109	131.81	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1471907	78.49	ng	-0.02
78) Terphenyl-d14	12.87	244	1131470	85.58	ng	-0.02
Target Compounds						Qvalue
25) Isophorone	7.67	82	47801	2.07	ng	# 62
26) 2-Nitrophenol	7.69	139	2491	5.75	ng	# 1
32) Benzoic acid	7.82	122	1214	6.55	ng	# 1
49) Dimethylphthalate	9.52	163	196334	9.75	ng	98
56) 2,4-Dinitrotoluene	9.79	165	35670	7.07	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.59	198	729	8.59	ng	# 1
66) 4-Bromophenyl-phenylether	10.59	248	20356	4.18	ng	# 1

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

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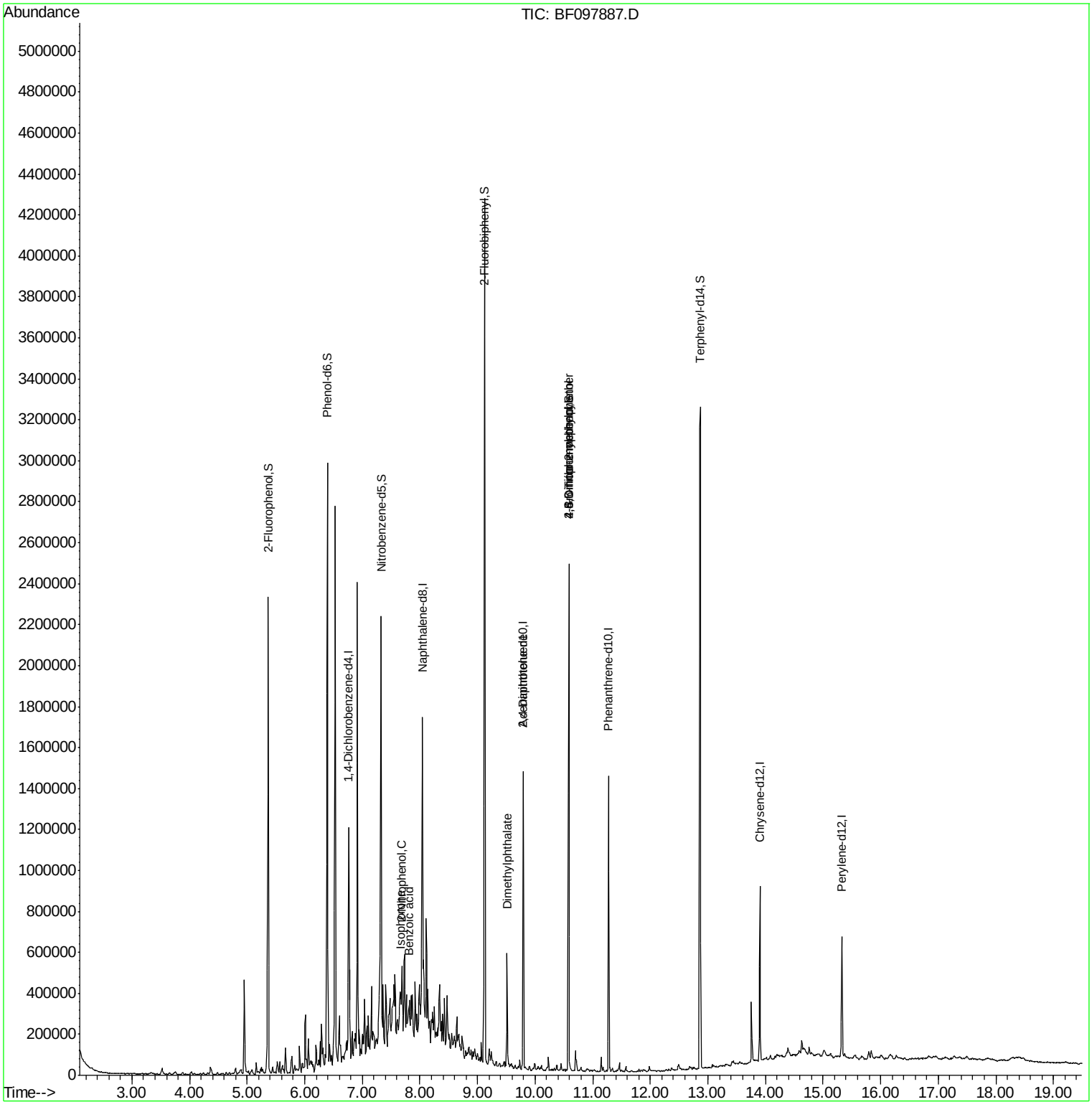
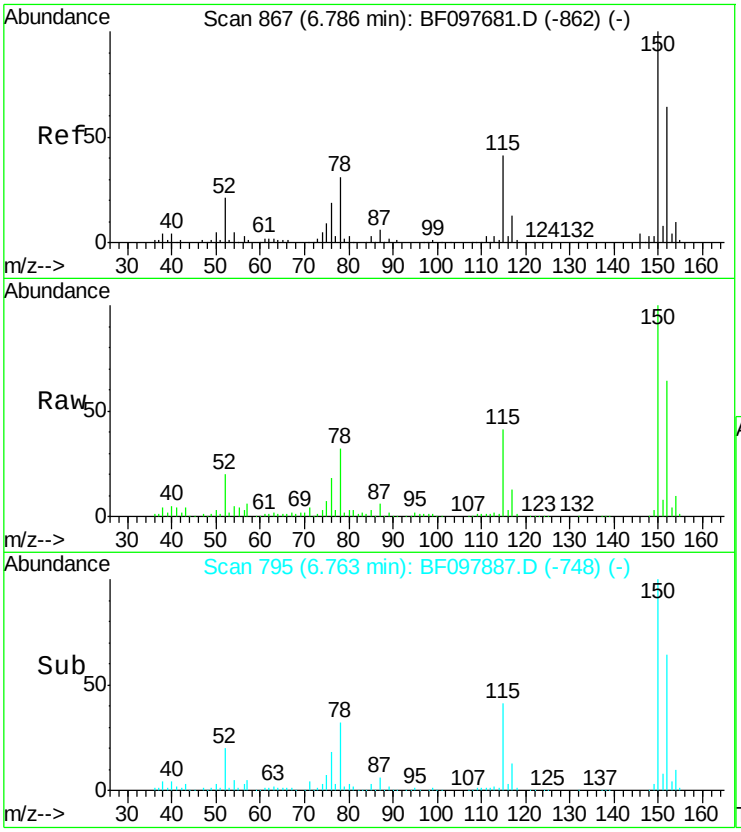


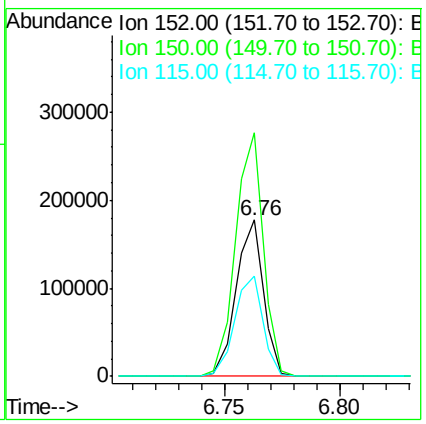


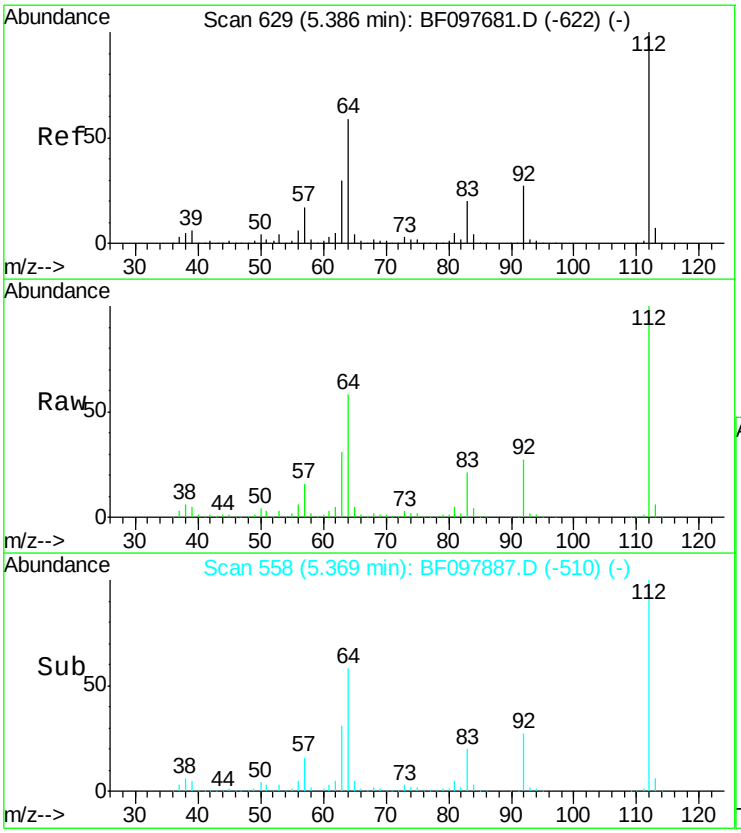
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Instrument :
BNA_F
ClientSampleId :
SB-05

Tgt Ion:152 Resp: 147331

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	64.1	52.2	78.2

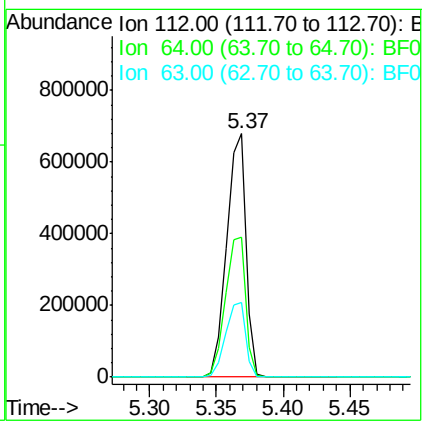


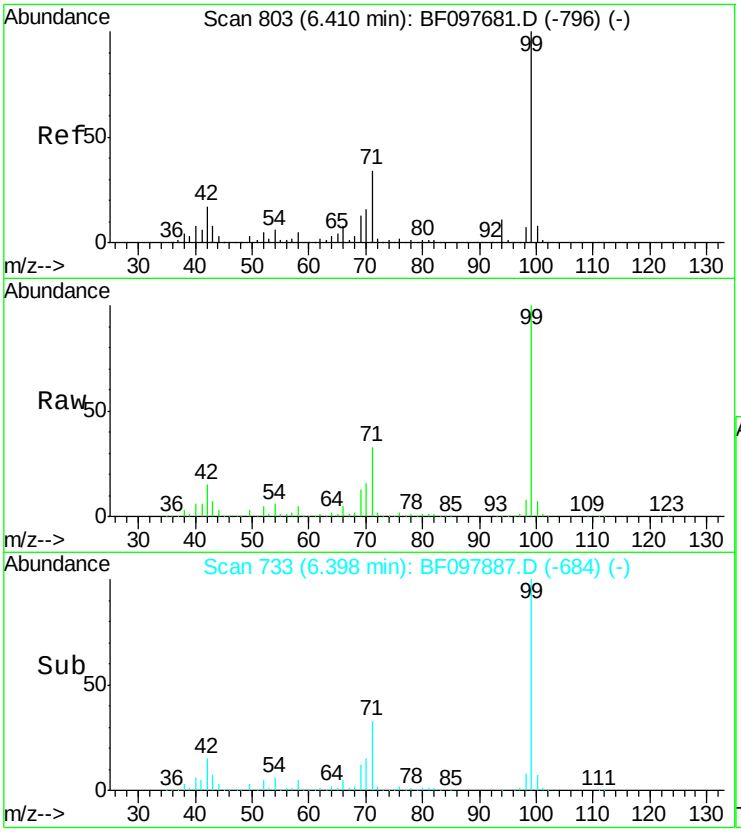


#5
2-Fluorophenol
Concen: 72.42 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.02 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Tgt Ion:112 Resp: 701417

Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.0	69.0
63	30.8	23.4	35.0



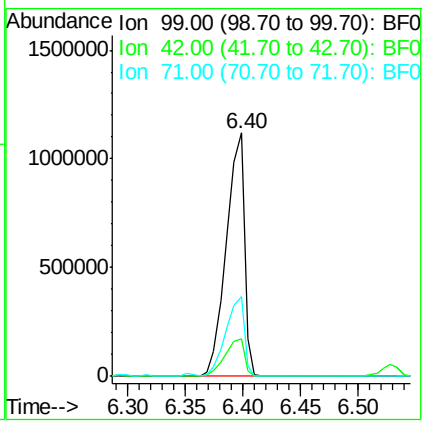


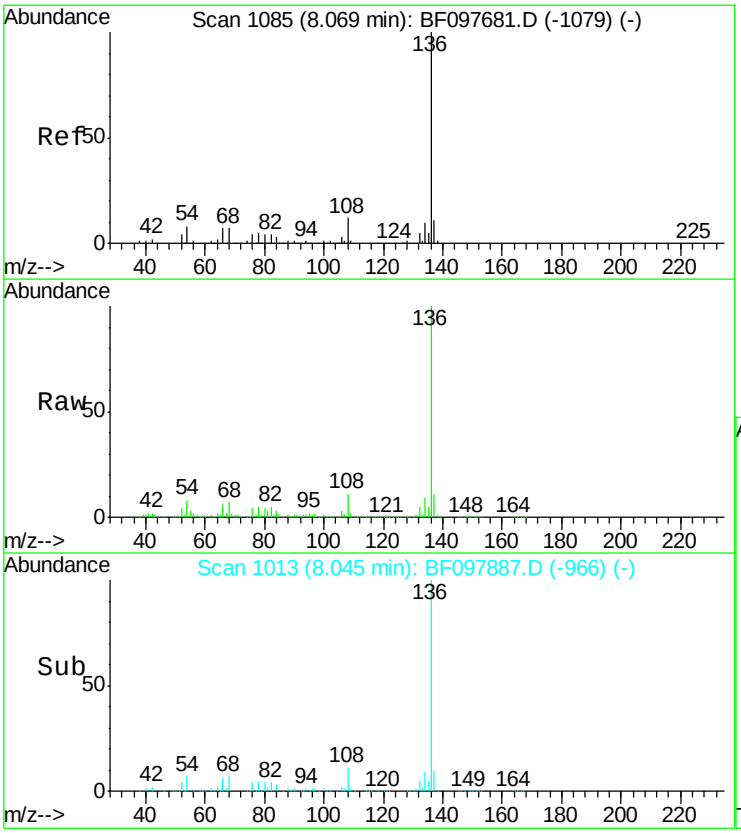
#7
Phenol-d6
Concen: 92.76 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Instrument :
BNA_F
ClientSampleId :
SB-05

Tgt Ion: 99 Resp: 1220712

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	32.7	24.5	36.7

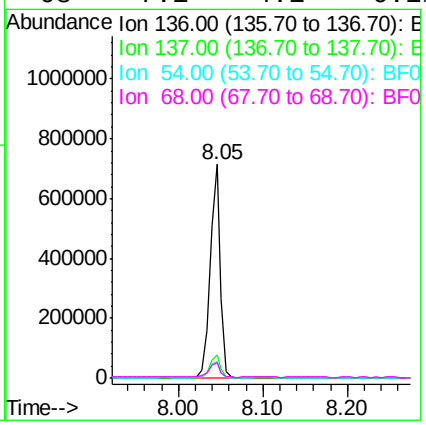


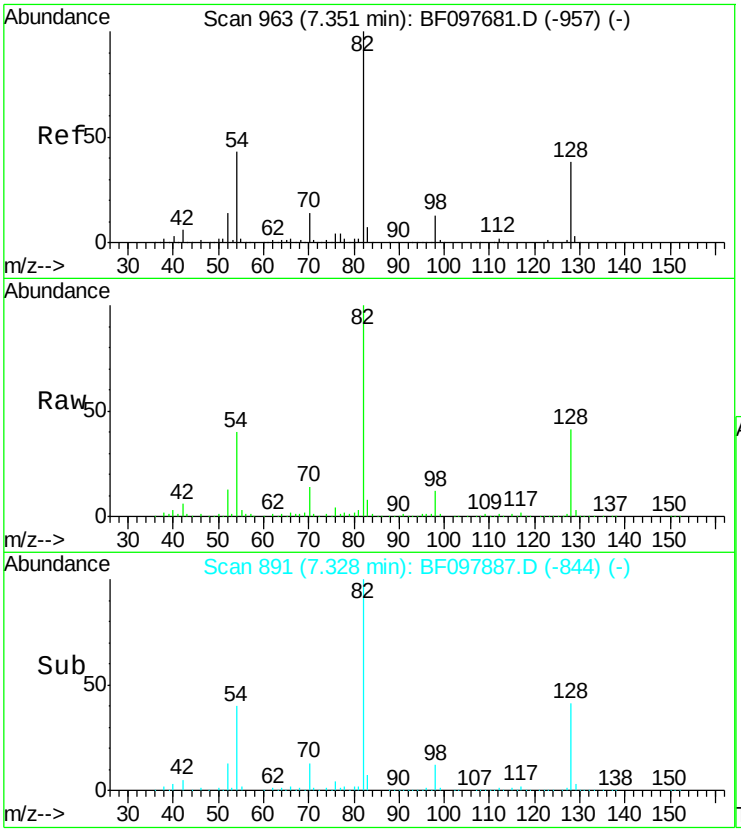


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Tgt Ion:136 Resp: 602701

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.6	4.9	7.3#
68	7.1	4.1	6.1#



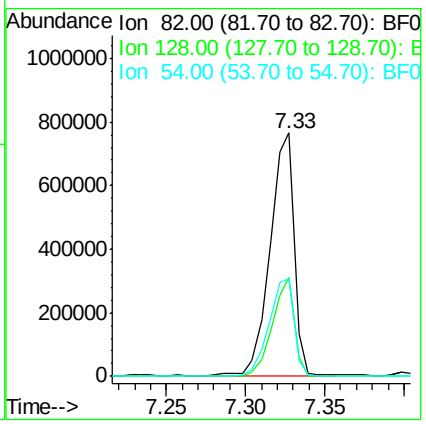


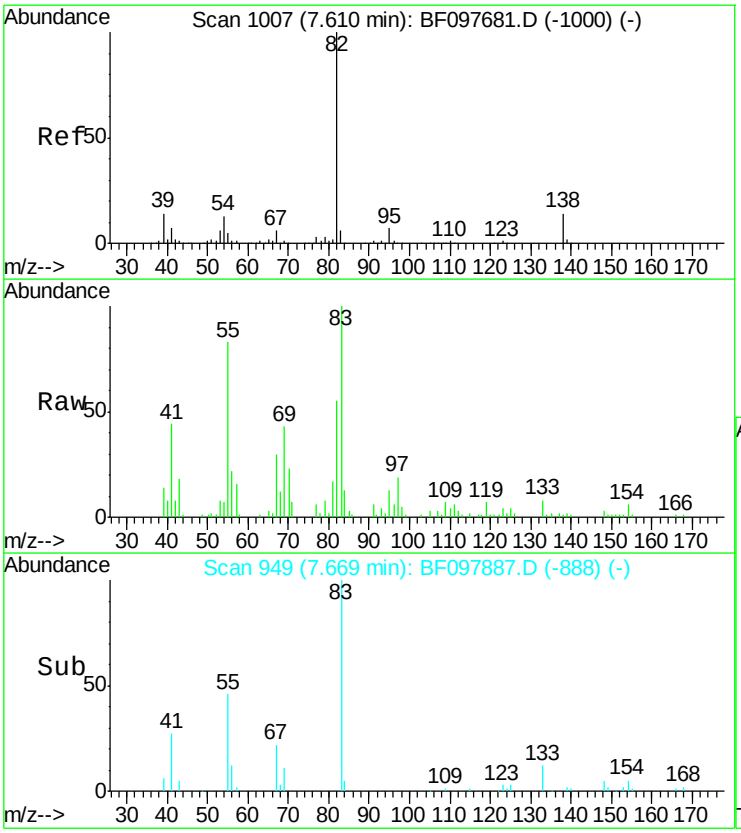
#23
Nitrobenzene-d5
Concen: 72.62 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.02 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Instrument :
BNA_F
ClientSampleId :
SB-05

Tgt Ion: 82 Resp: 805633

Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.0	51.0
54	40.2	42.2	63.2#

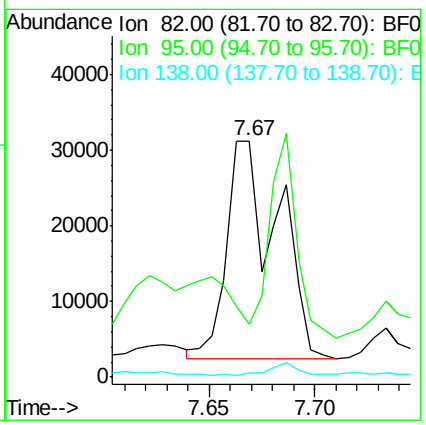


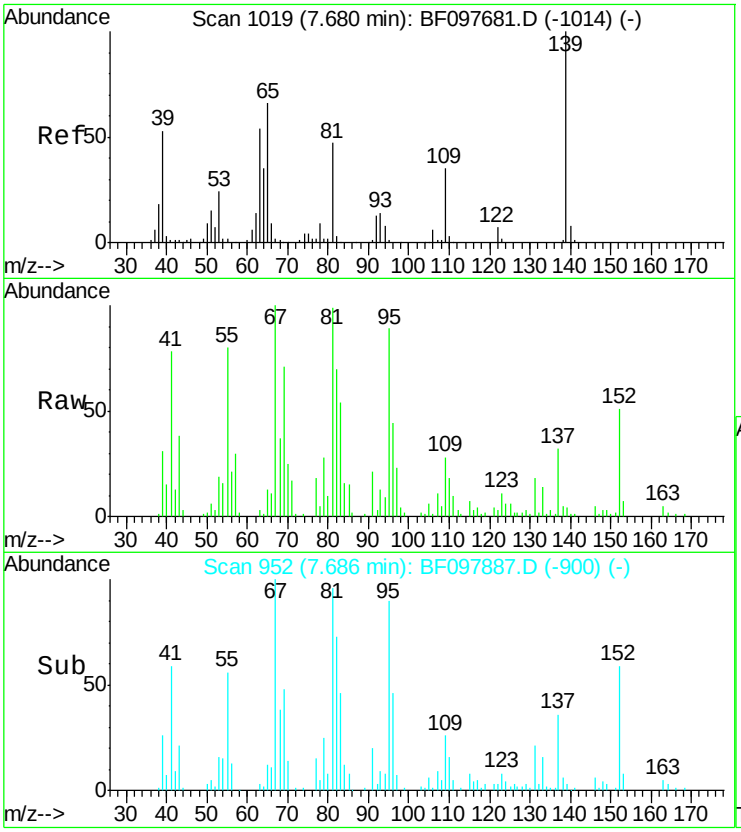


#25
Isophorone
Concen: 2.07 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.06 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Tgt Ion: 82 Resp: 47801

Ion	Ratio	Lower	Upper
82	100		
95	22.6	5.3	7.9#
138	1.9	13.1	19.7#



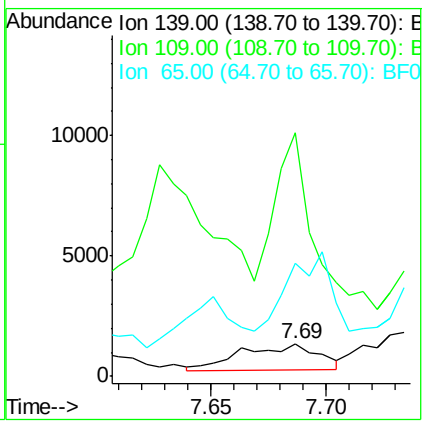


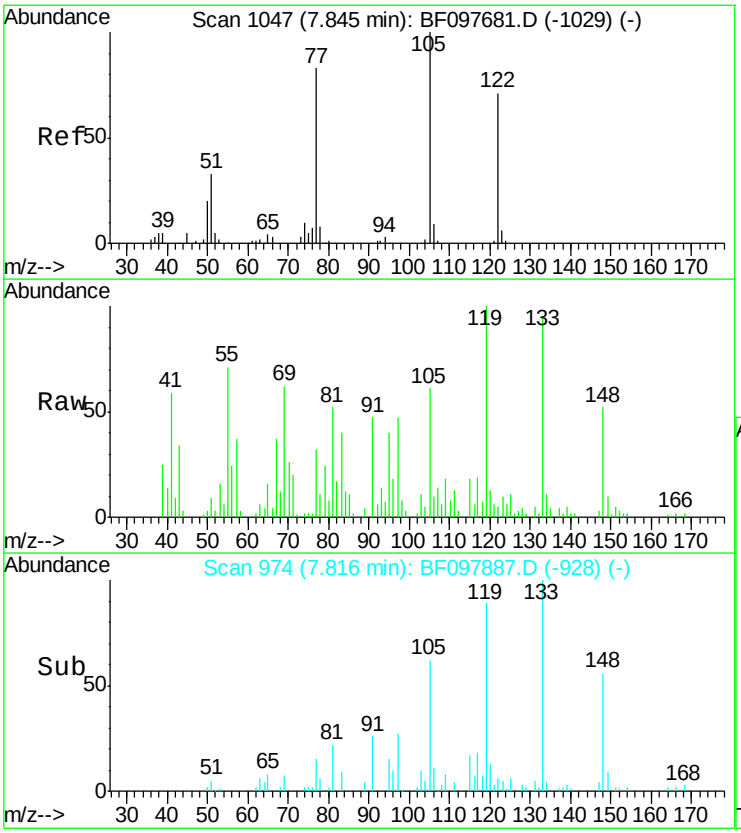
#26
2-Nitrophenol
Concen: 5.75 ng
RT: 7.69 min Scan# 952
Delta R.T. 0.01 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Instrument :
BNA_F
ClientSampleId :
SB-05

Tgt Ion:139 Resp: 2491

Ion	Ratio	Lower	Upper
139	100		
109	741.1	21.0	31.6#
65	346.0	33.0	49.6#

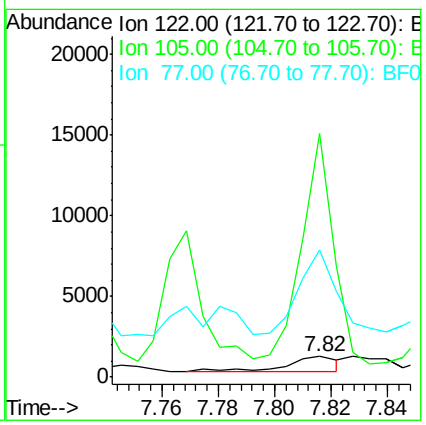


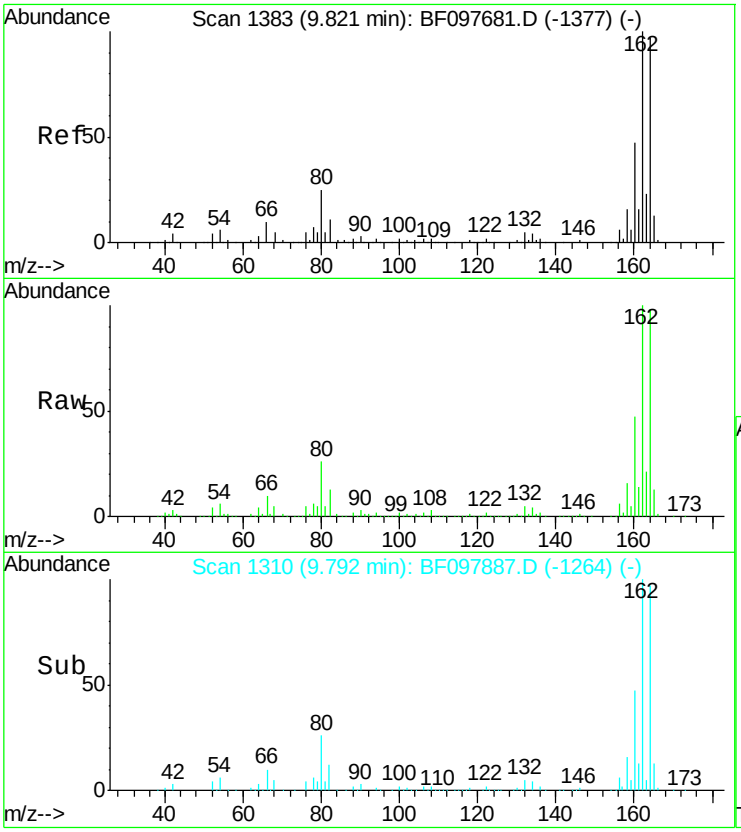


#32
Benzoic acid
Concen: 6.55 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Tgt Ion:122 Resp: 1214

Ion	Ratio	Lower	Upper
122	100		
105	1168.2	103.3	143.3#
77	610.5	73.7	113.7#



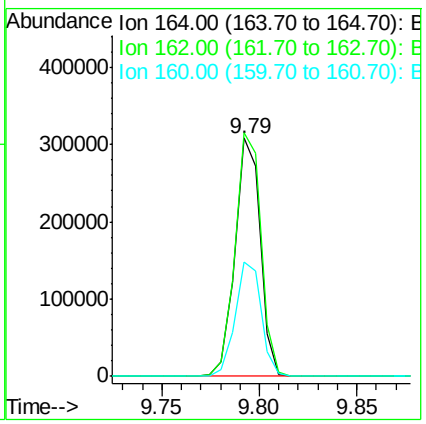


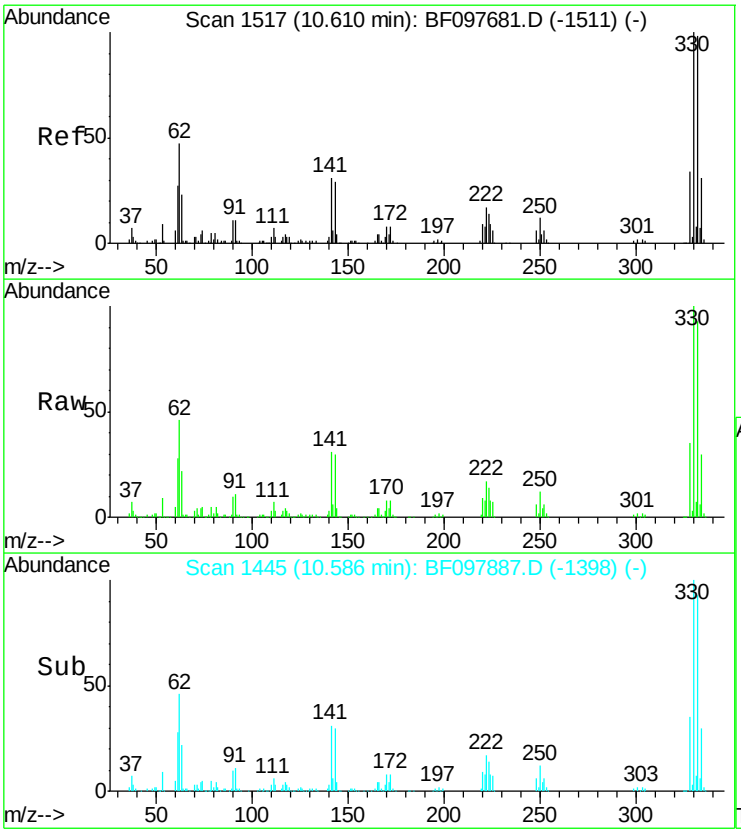
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Instrument :
BNA_F
ClientSampleId :
SB-05

Tgt Ion:164 Resp: 275521

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	48.3	36.2	54.2

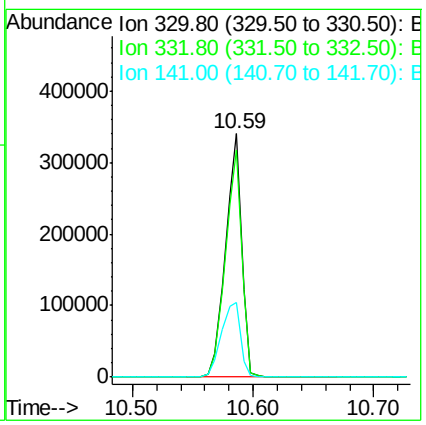


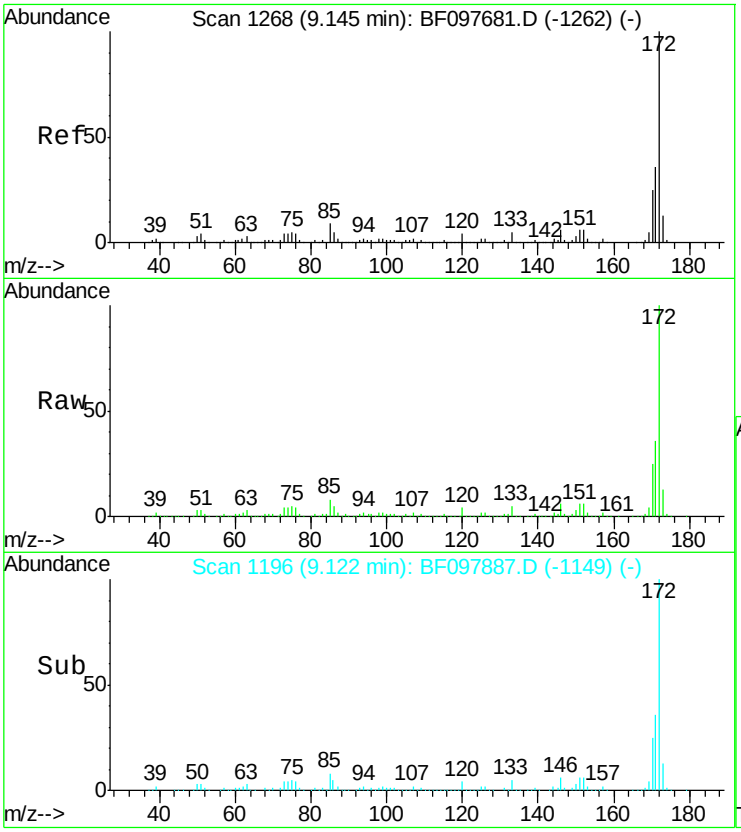


#41
2,4,6-Tribromophenol
Concen: 131.81 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Tgt Ion:330 Resp: 315109

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	36.4	31.4	47.2



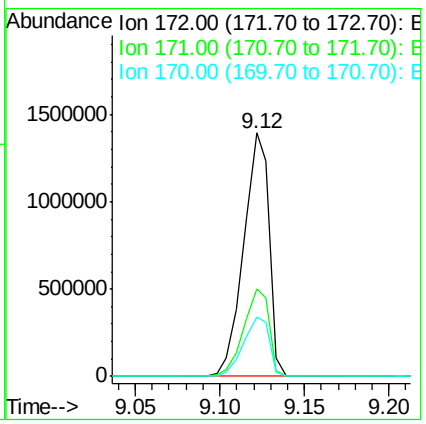


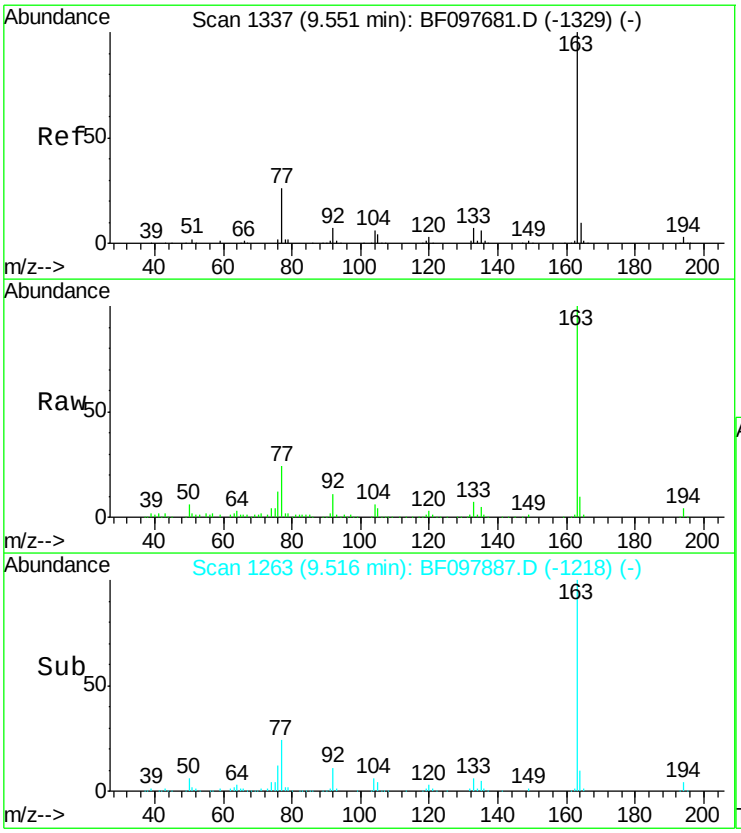
#44
2-Fluorobiphenyl
Concen: 78.49 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Instrument :
BNA_F
ClientSampleId :
SB-05

Tgt Ion:172 Resp: 1471907

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.5	19.8	29.8

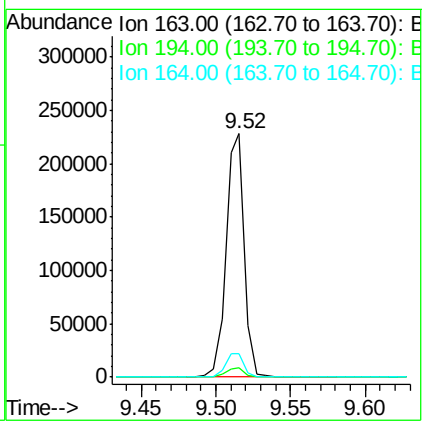


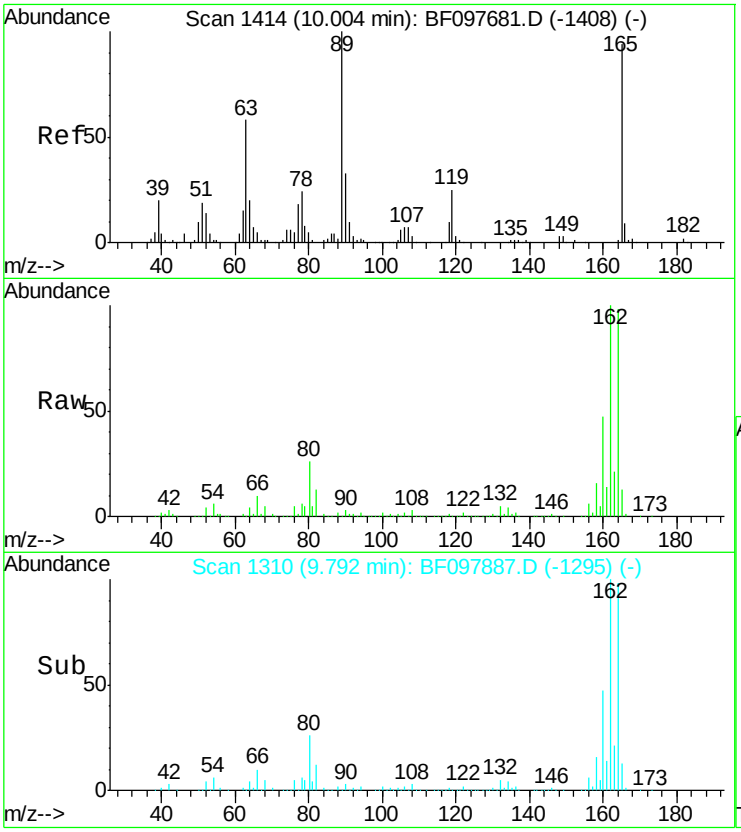


#49
Dimethylphthalate
Concen: 9.75 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.04 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Tgt Ion:163 Resp: 196334

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.8	8.4	12.6



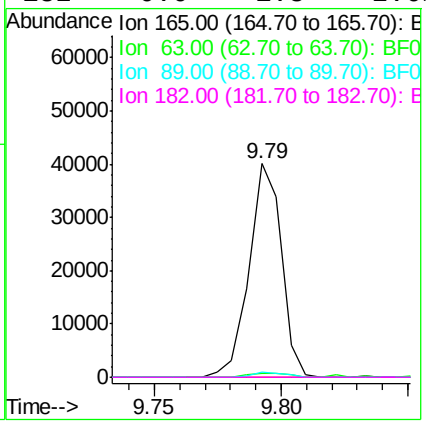


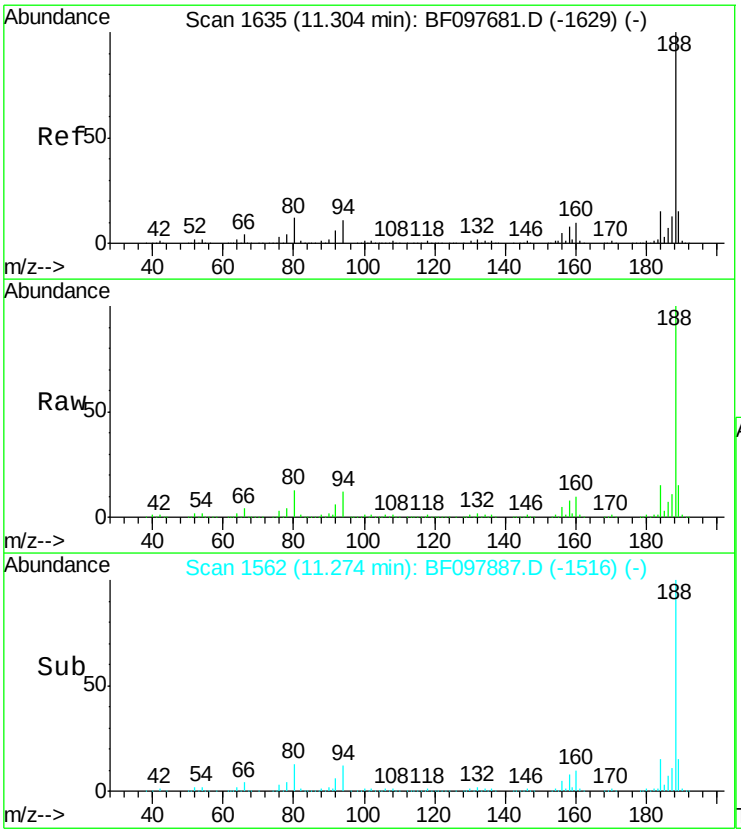
#56
2,4-Dinitrotoluene
Concen: 7.07 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Instrument :
BNA_F
ClientSampleId :
SB-05

Tgt Ion:165 Resp: 35670

Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#

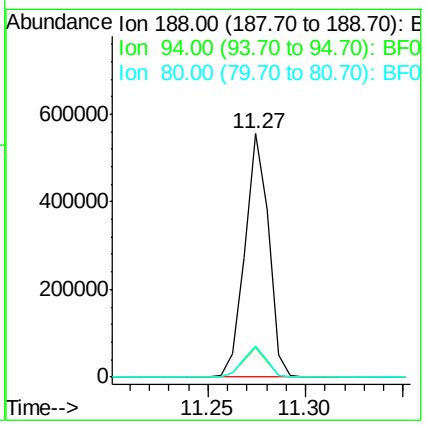


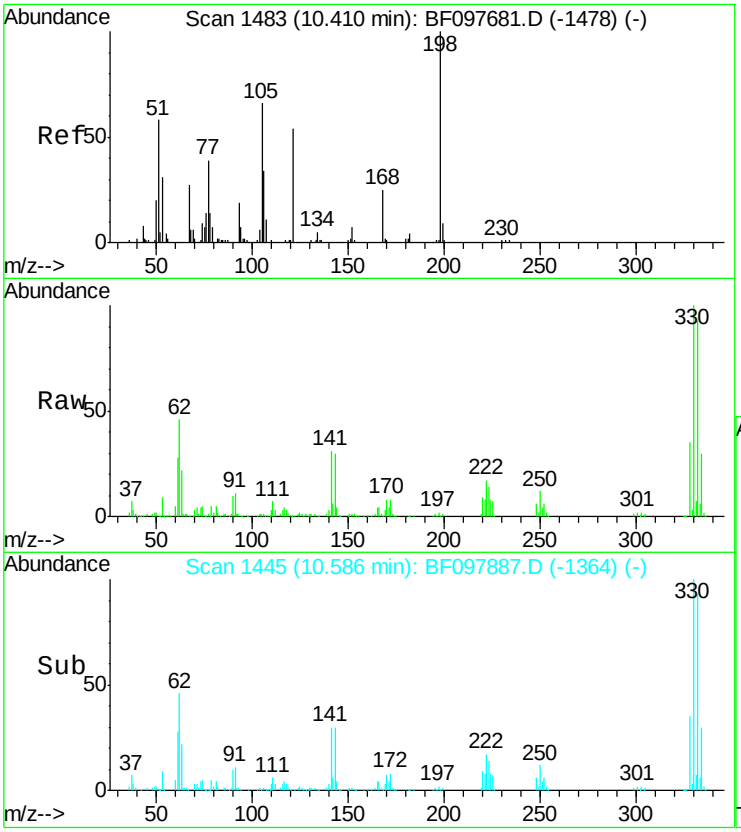


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Tgt Ion:188 Resp: 468556

Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.4	14.2
80	12.7	10.2	15.2



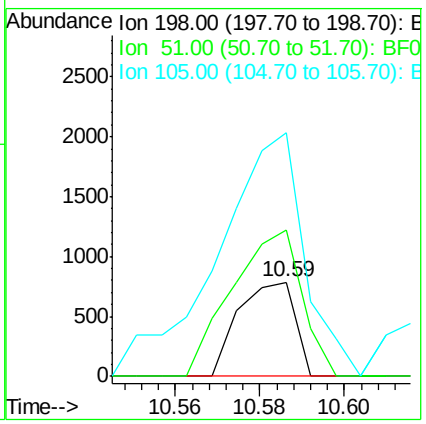


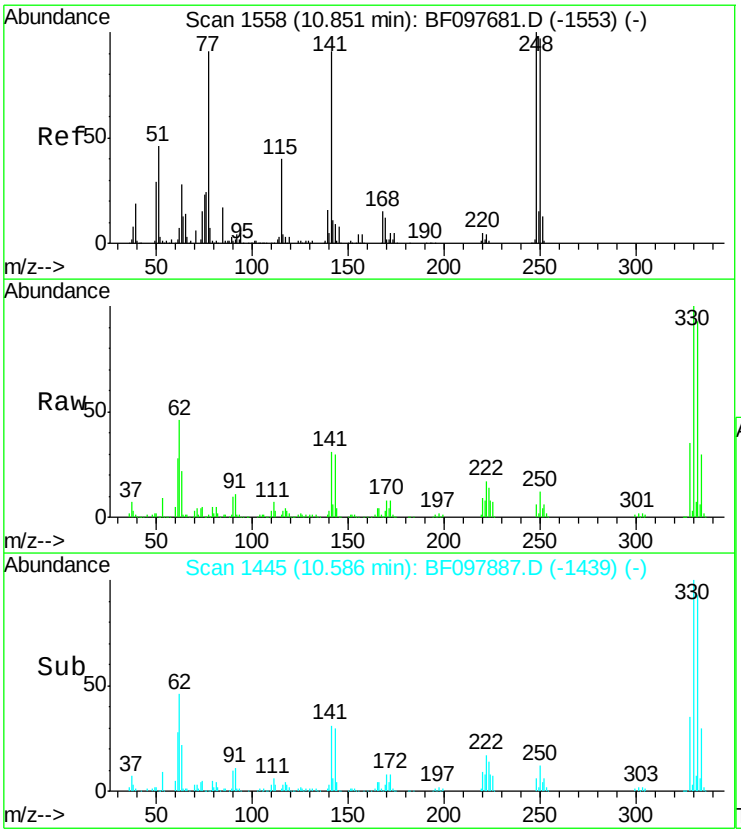
#64
4,6-Dinitro-2-methylphenol
Concen: 8.59 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.18 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Instrument :
BNA_F
ClientSampleId :
SB-05

Tgt Ion:198 Resp: 729

Ion	Ratio	Lower	Upper
198	100		
51	155.7	53.2	93.2#
105	258.7	45.8	85.8#

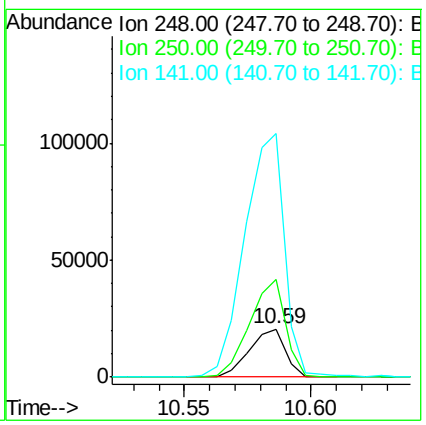


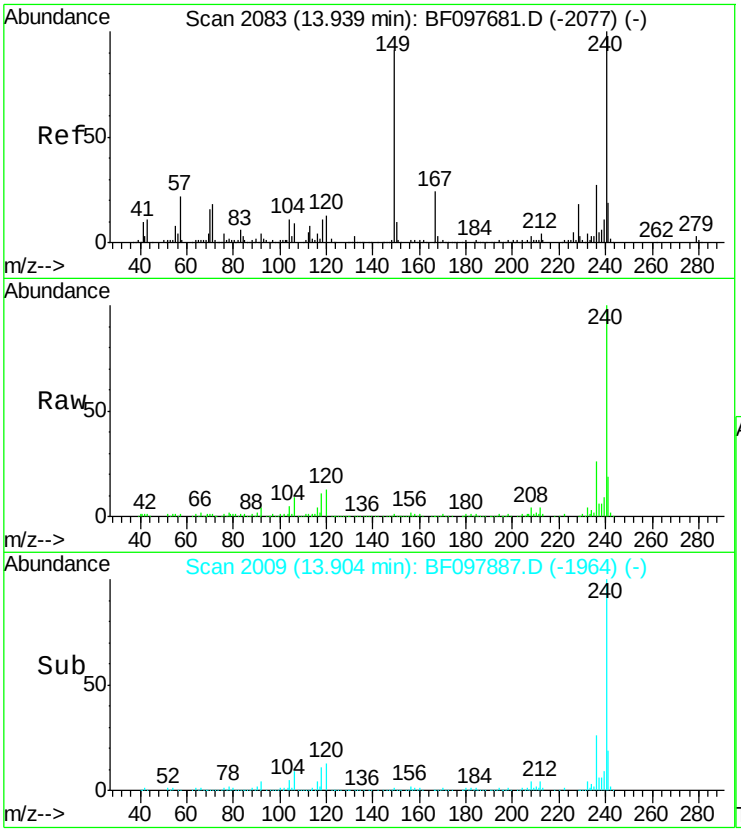


#66
4-Bromophenyl-phenylether
Concen: 4.18 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.26 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Tgt Ion:248 Resp: 20356

Ion	Ratio	Lower	Upper
248	100		
250	203.2	76.8	115.2#
141	506.5	68.6	103.0#



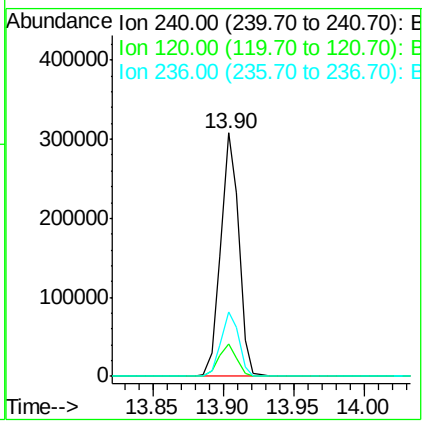


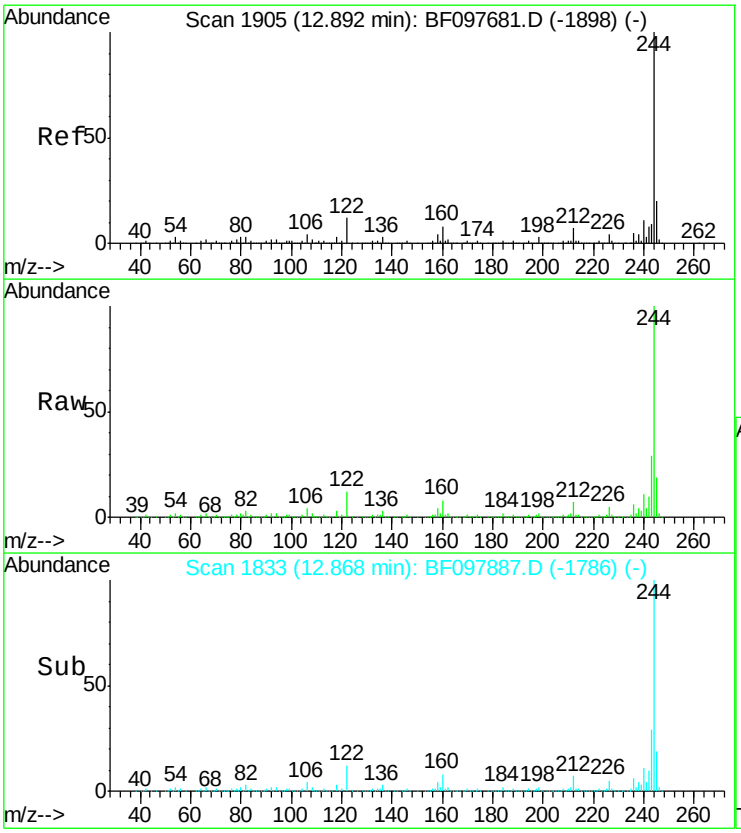
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.04 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Instrument :
BNA_F
ClientSampleId :
SB-05

Tgt Ion:240 Resp: 275717

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	26.5	20.5	30.7

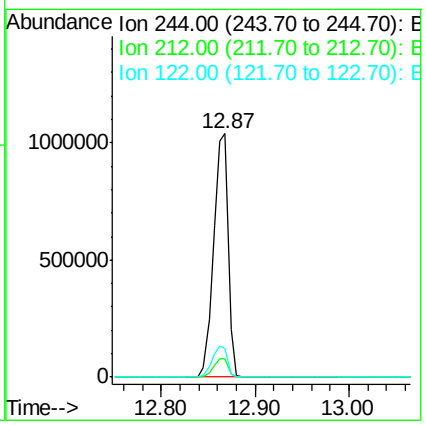


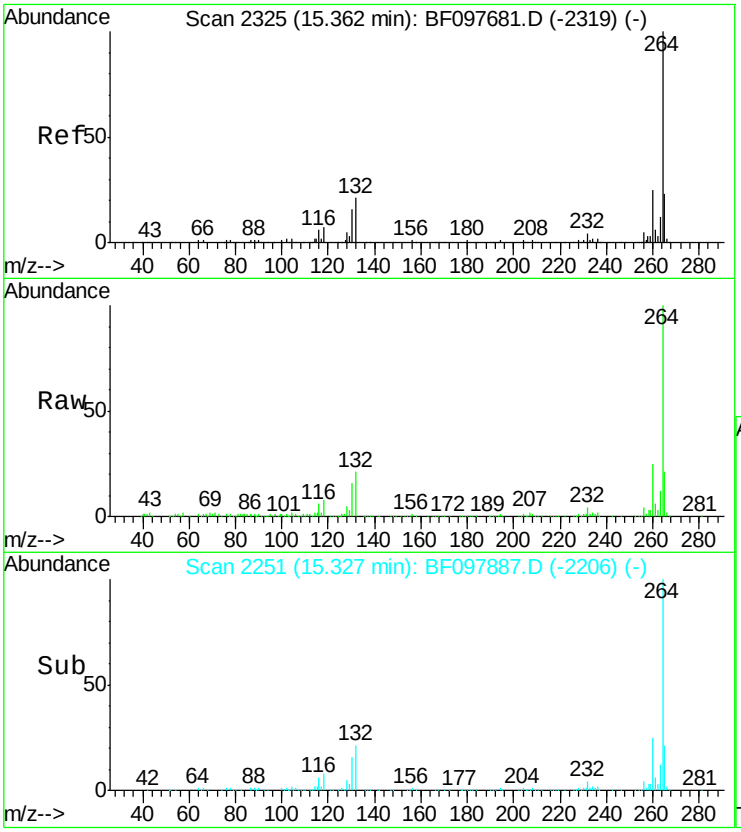


#78
Terphenyl-d14
Concen: 85.58 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Tgt Ion:244 Resp: 1131470

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	11.6	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.04 min
Lab File: BF097887.D
Acq: 19 Aug 2017 19:07

Instrument :
BNA_F
ClientSampleId :
SB-05

Tgt Ion:264 Resp: 263421

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.5	17.2	25.8