Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000124.D
Acq On : 19 Feb 2018 23:21
Operator : JU/SJ
Sample : J1577-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 20 03:13:24 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	441426	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	2135653	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1265431	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2860200	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	3048383	20.00	ng	-0.02
86) Perylene-d12	24.37	264	3338971	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1809597	66.81	ng	-0.01
7) Phenol-d6	7.58	99	1800542	43.89	ng	-0.01
23) Nitrobenzene-d5	9.63	82	3246140	90.37	ng	-0.02
41) 2,4,6-Tribromophenol	16.54	330	1614233	128.87	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	7233967	80.57	ng	-0.02
78) Terphenyl-d14	20.34	244	9419160	83.43	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	31620	2.90	ng	# 1
19) n-Nitroso-di-n-propylamine	9.64	70	414301	15.07	ng	# 69
26) 2-Nitrophenol	10.90	139	1838	7.29	ng	# 29
32) Benzoic acid	10.47	122	815	10.57	ng	# 66
35) Caprolactam	12.18	113	418	4.05	ng	# 17
47) 2-Nitroaniline	14.30	65	577	4.90	ng	# 9
50) 2,6-Dinitrotoluene	15.06	165	161780	7.41	ng	# 20
55) 4-Nitrophenol	15.23	139	237	4.99	ng	# 6
56) 2,4-Dinitrotoluene	15.06	165	161780	8.91	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.53	198	5573	9.04	ng	# 1
66) 4-Bromophenyl-phenylether	16.53	248	113745	4.18	ng	# 1
79) Butylbenzylphthalate	21.02	149	8851	5.46	ng	# 78
83) Bis(2-ethylhexyl)phthalate	21.77	149	27057	3.09	ng	96
84) Di-n-octyl phthalate	22.74	149	316	6.73	ng	# 60

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
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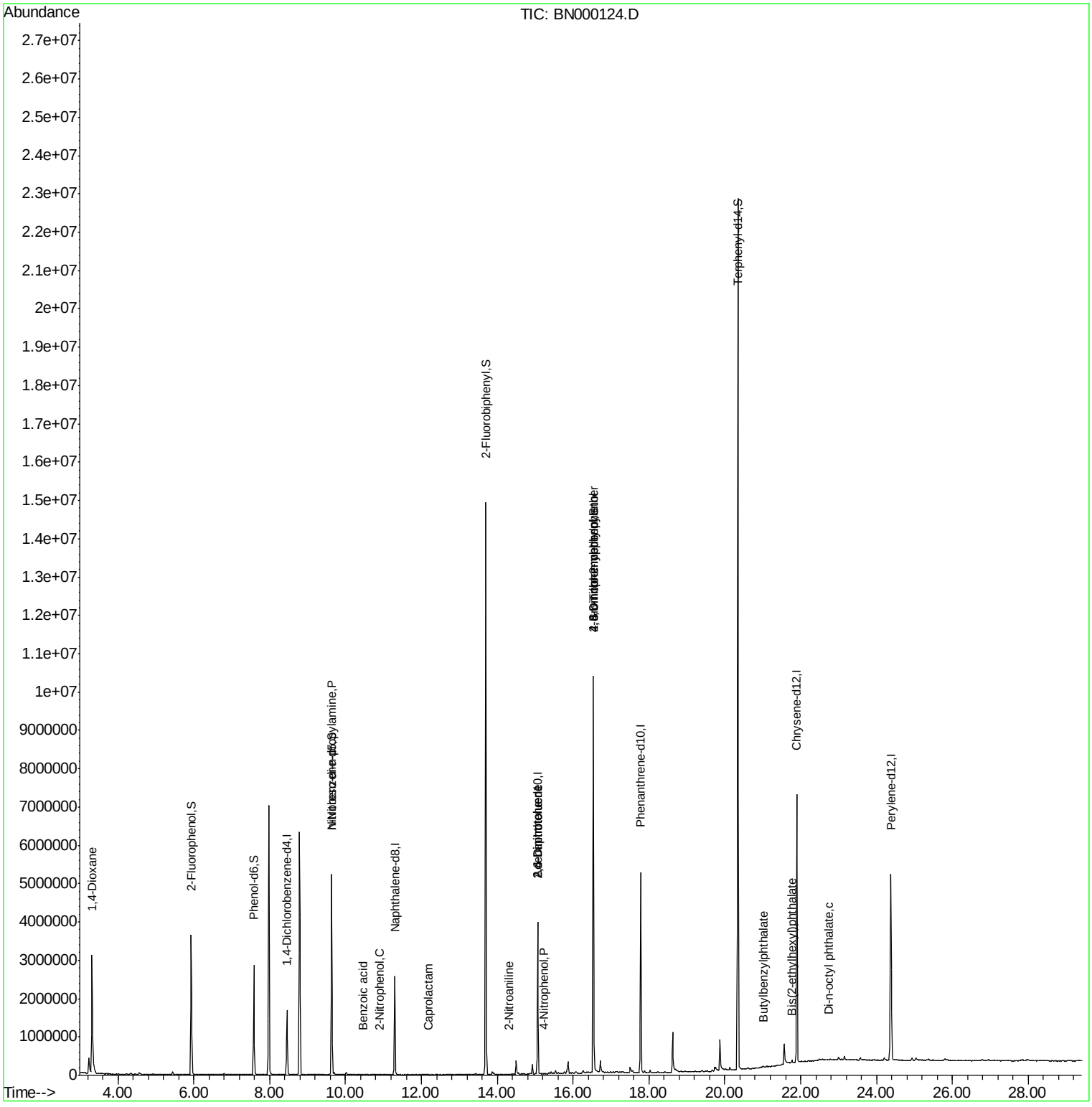
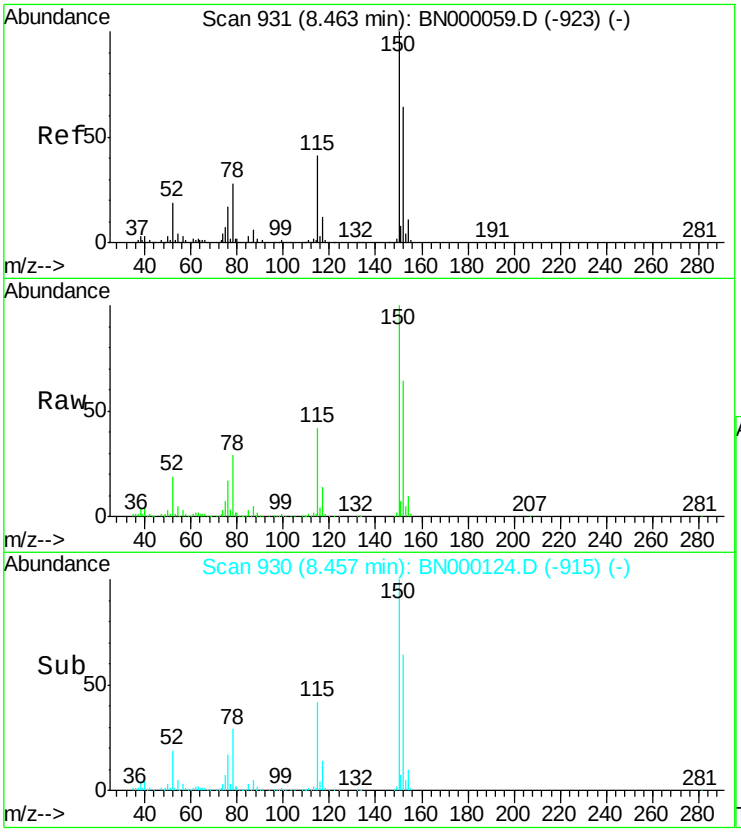


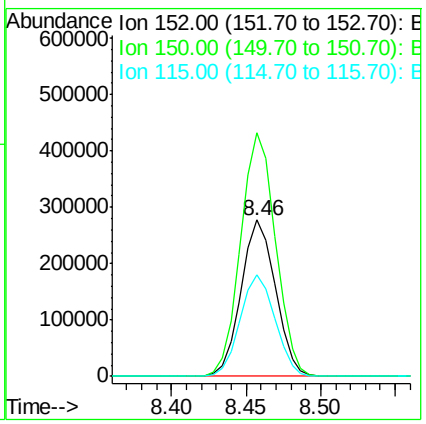


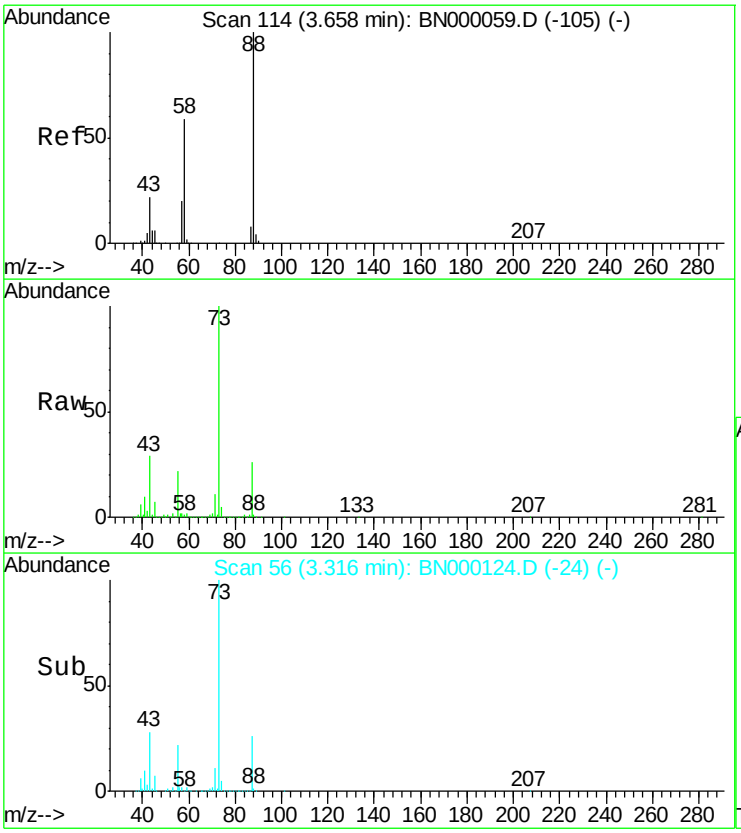
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 441426

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.6	189.8
115	64.8	53.0	79.4

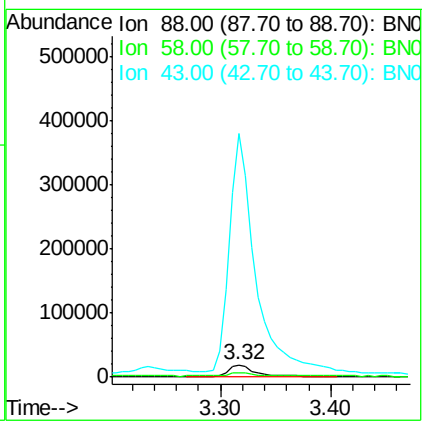


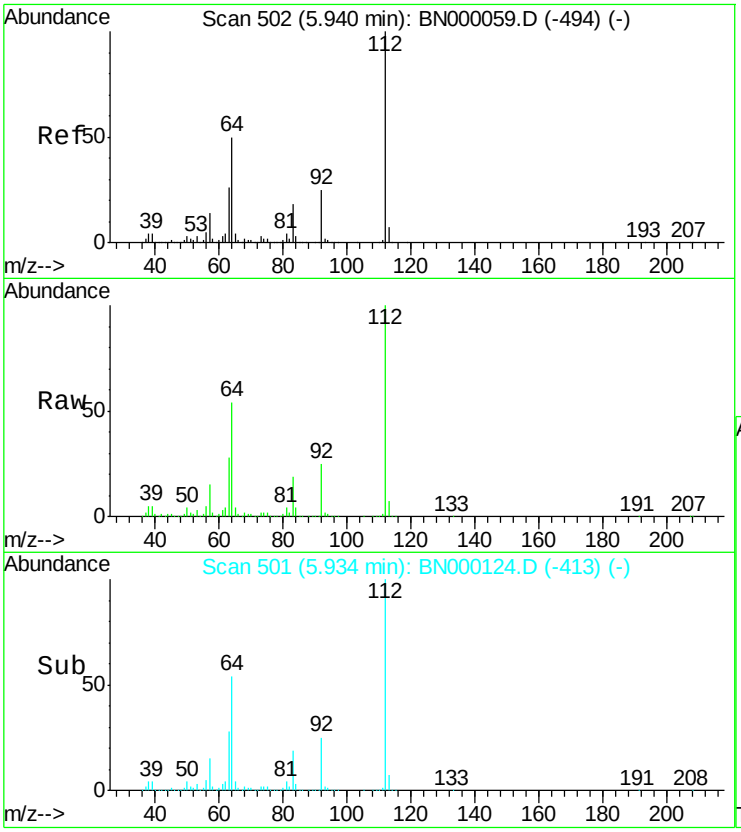


#2
1,4-Dioxane
Concen: 2.90 ng
RT: 3.32 min Scan# 56
Delta R.T. -0.34 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Tgt Ion: 88 Resp: 31620

Ion	Ratio	Lower	Upper
88	100		
58	29.3	52.0	78.0#
43	1998.9	20.0	30.0#



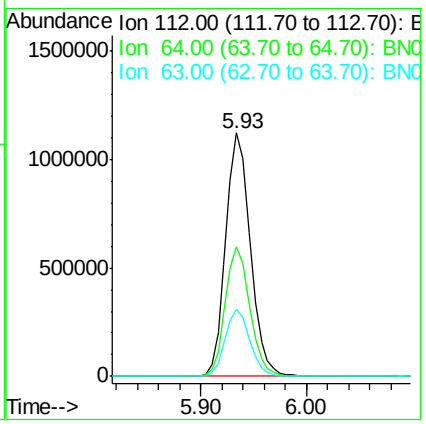


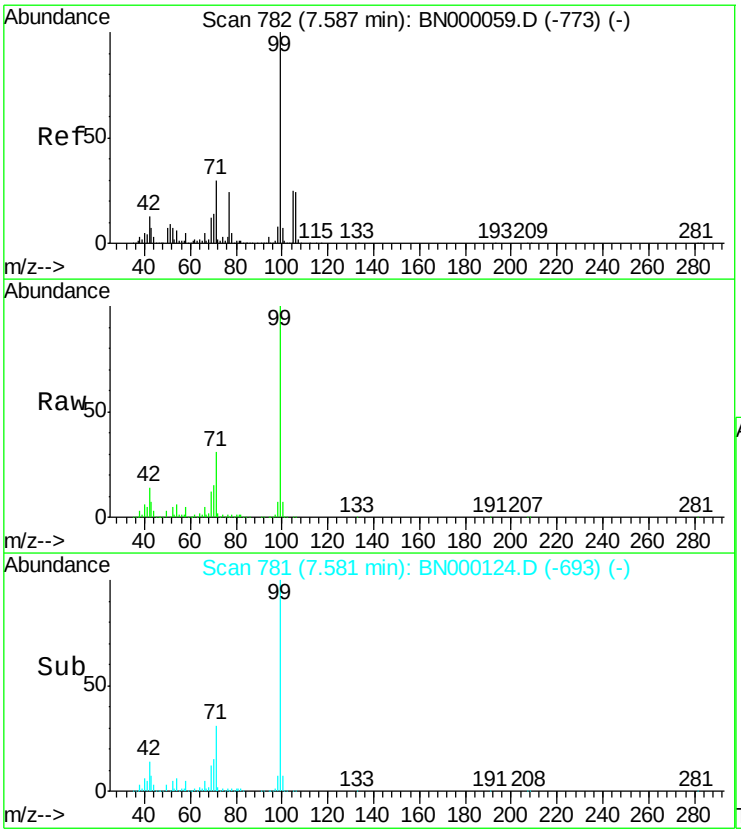
#5
2-Fluorophenol
Concen: 66.81 ng
RT: 5.93 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1809597

Ion	Ratio	Lower	Upper
112	100		
64	53.5	56.3	84.5#
63	27.5	30.1	45.1#

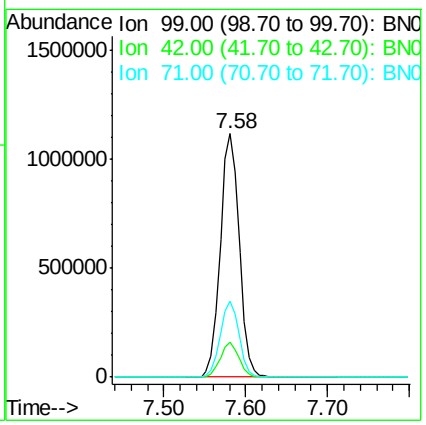


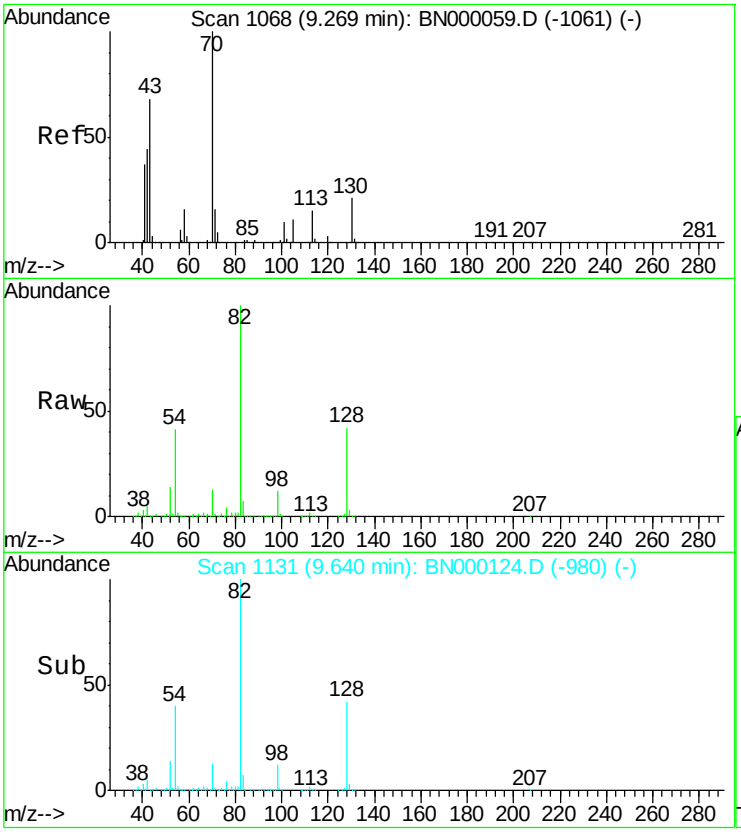


#7
Phenol-d6
Concen: 43.89 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.01 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Tgt Ion: 99 Resp: 1800542

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.1	21.1
71	31.3	26.1	39.1



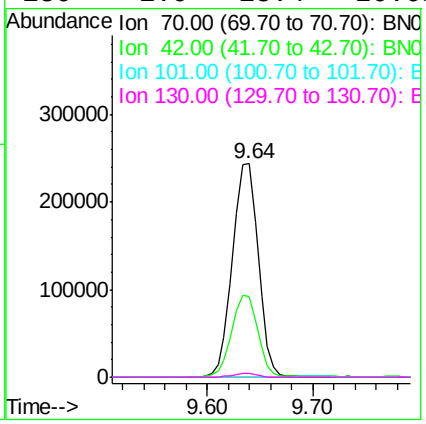


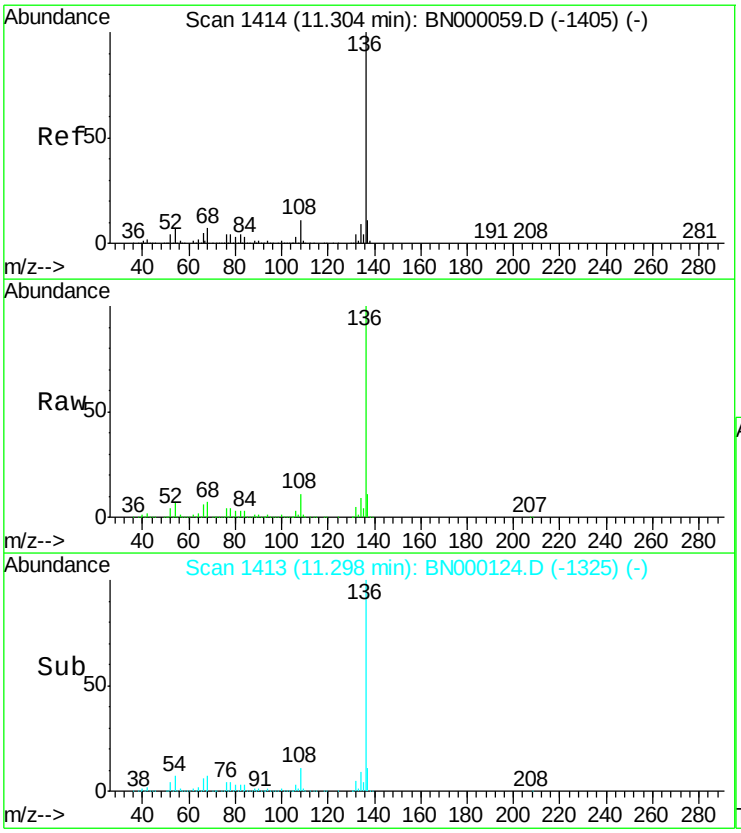
#19
n-Nitroso-di-n-propylamine
Concen: 15.07 ng
RT: 9.64 min Scan# 1131
Delta R.T. 0.36 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 70 Resp: 414301

Ion	Ratio	Lower	Upper
70	100		
42	37.9	49.1	73.7#
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#

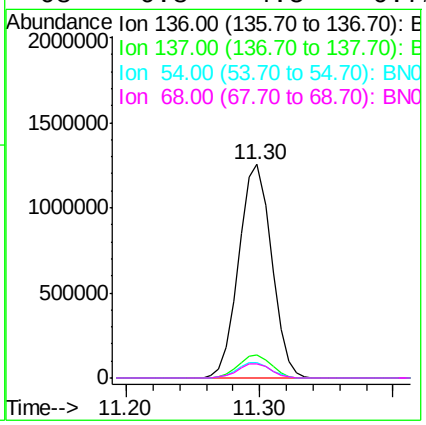


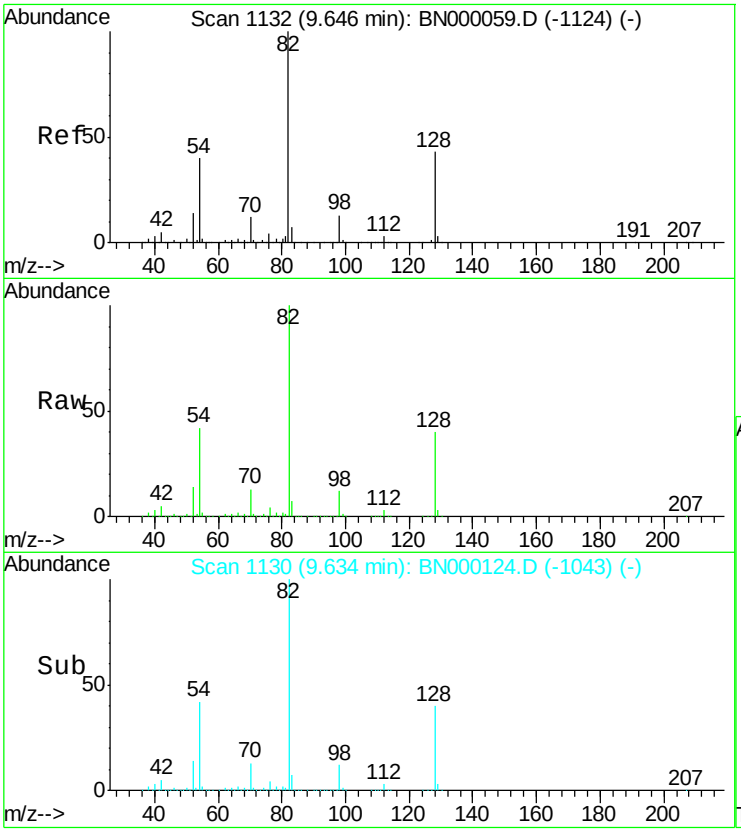


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Tgt Ion:136 Resp: 2135653

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.2	10.3	15.5#
68	6.8	4.5	6.7#



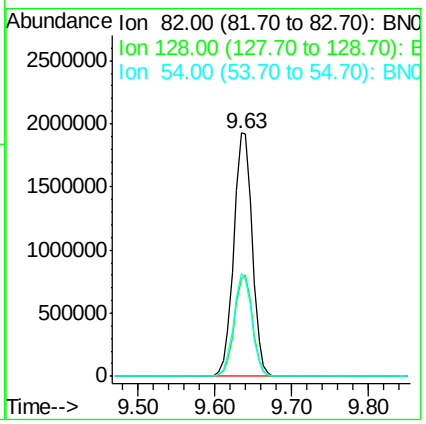


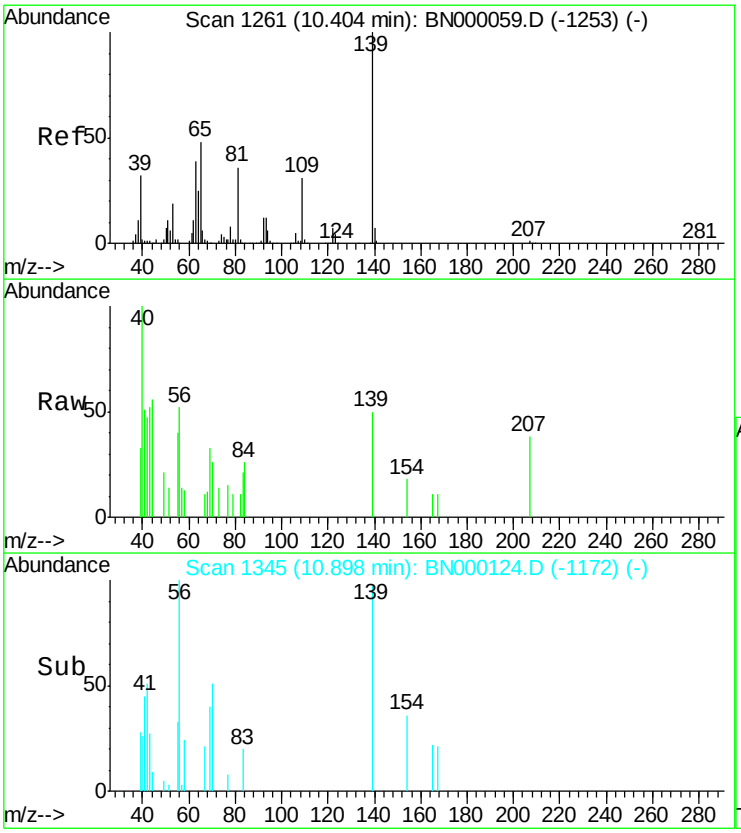
#23
Nitrobenzene-d5
Concen: 90.37 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.02 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 3246140

Ion	Ratio	Lower	Upper
82	100		
128	40.2	29.7	44.5
54	42.1	43.1	64.7#

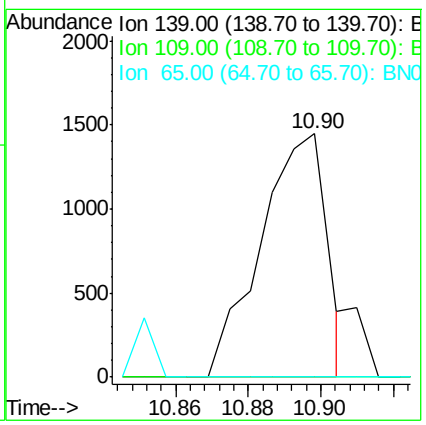


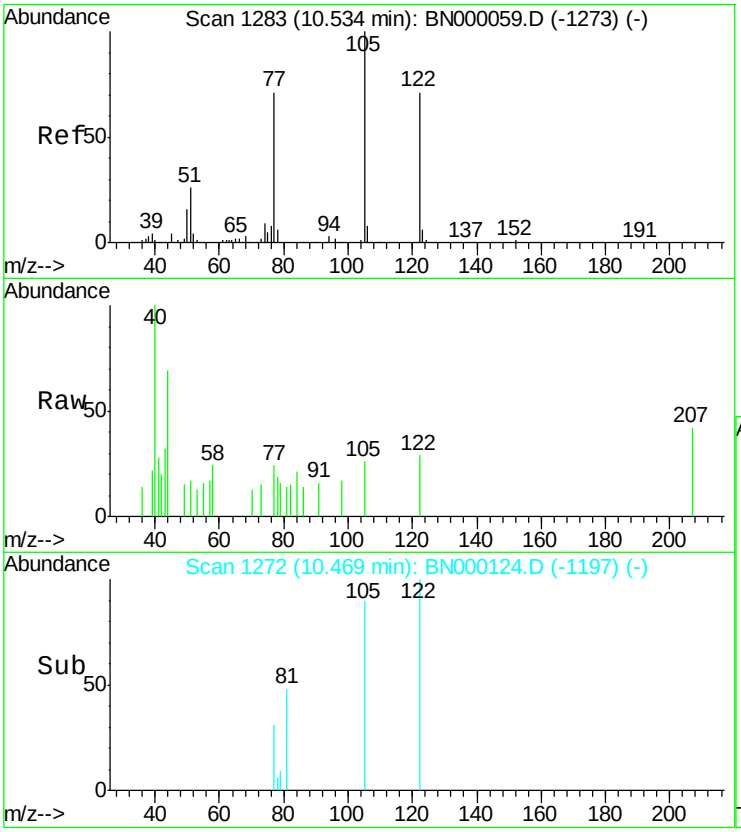


#26
2-Nitrophenol
Concen: 7.29 ng
RT: 10.90 min Scan# 1345
Delta R.T. 0.49 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Tgt Ion:139 Resp: 1838

Ion	Ratio	Lower	Upper
139	100		
109	0.0	24.2	36.2#
65	0.0	47.4	71.0#



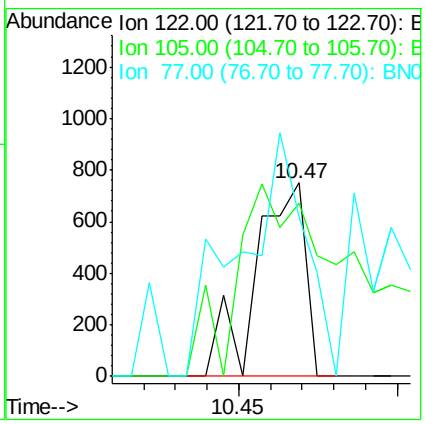


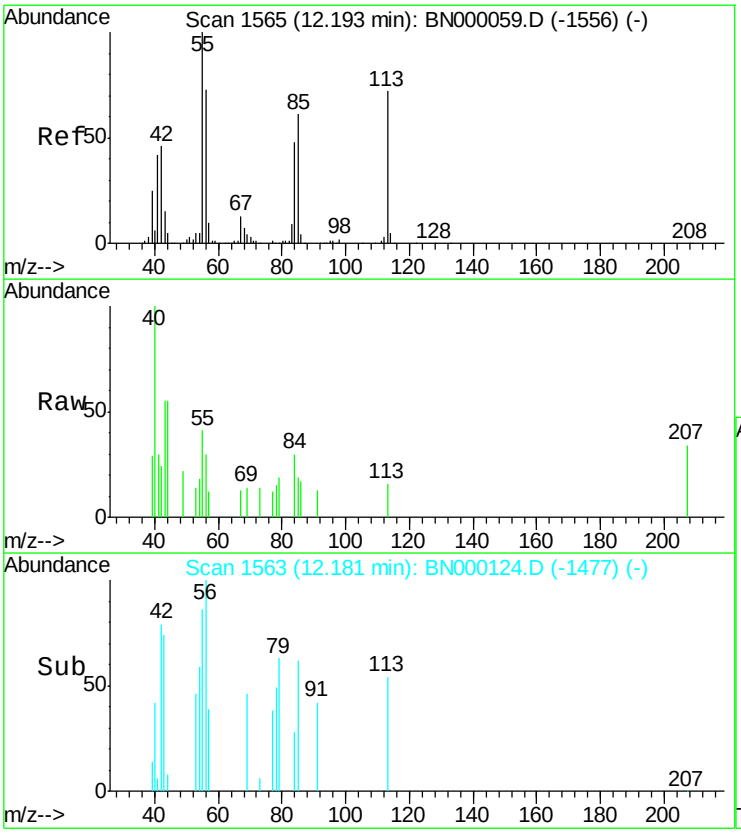
#32
Benzoic acid
Concen: 10.57 ng
RT: 10.47 min Scan# 1272
Delta R.T. -0.09 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:122 Resp: 815

Ion	Ratio	Lower	Upper
122	100		
105	90.0	123.5	163.5#
77	82.6	85.7	125.7#

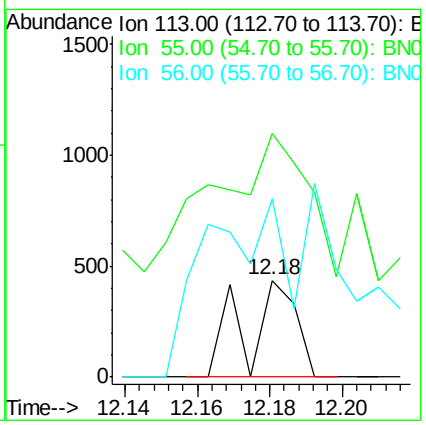


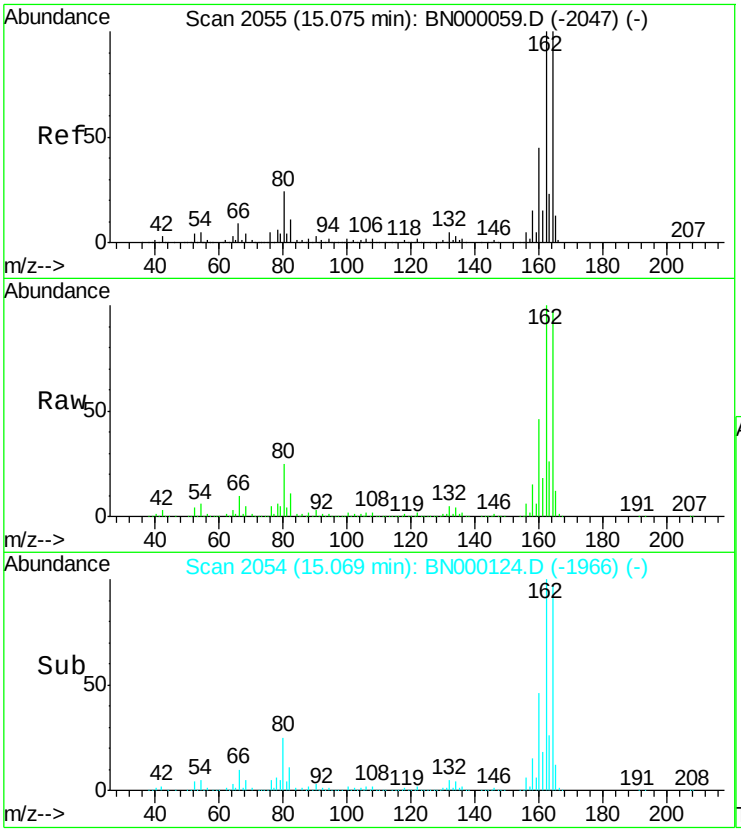


#35
Caprolactam
Concen: 4.05 ng
RT: 12.18 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Tgt Ion:113 Resp: 418

Ion	Ratio	Lower	Upper
113	100		
55	252.4	120.0	160.0#
56	184.8	90.0	130.0#



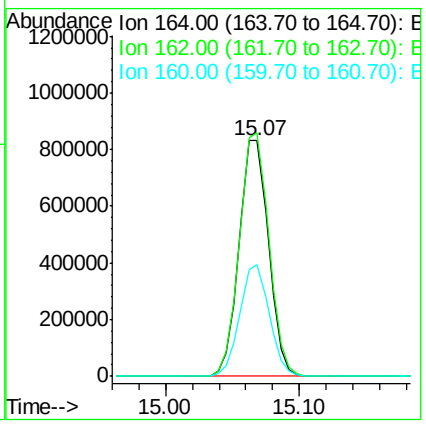


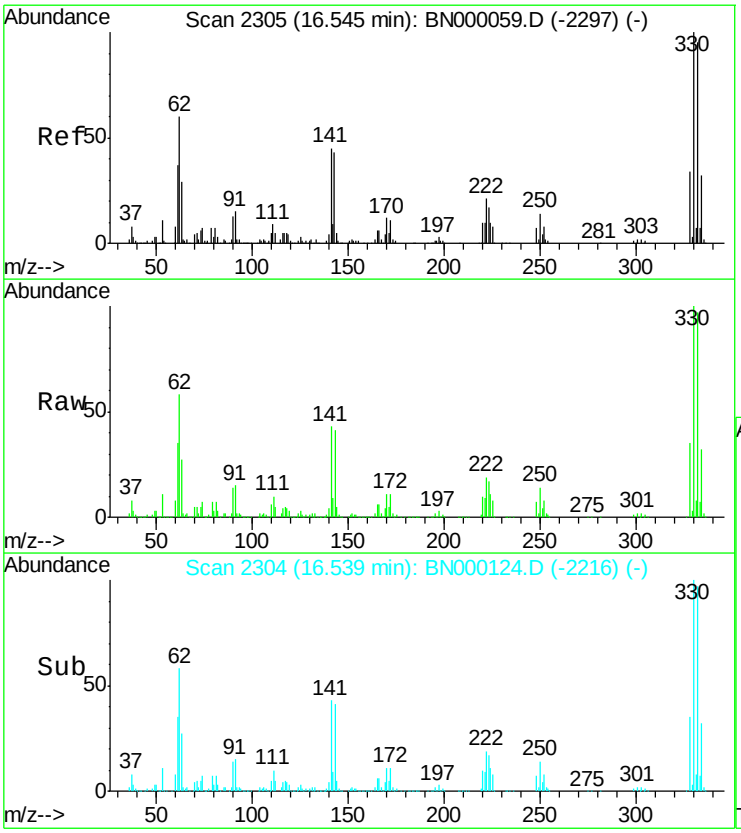
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 1265431

Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	47.2	35.4	53.0

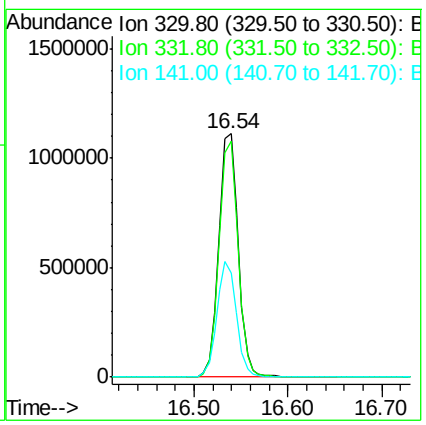


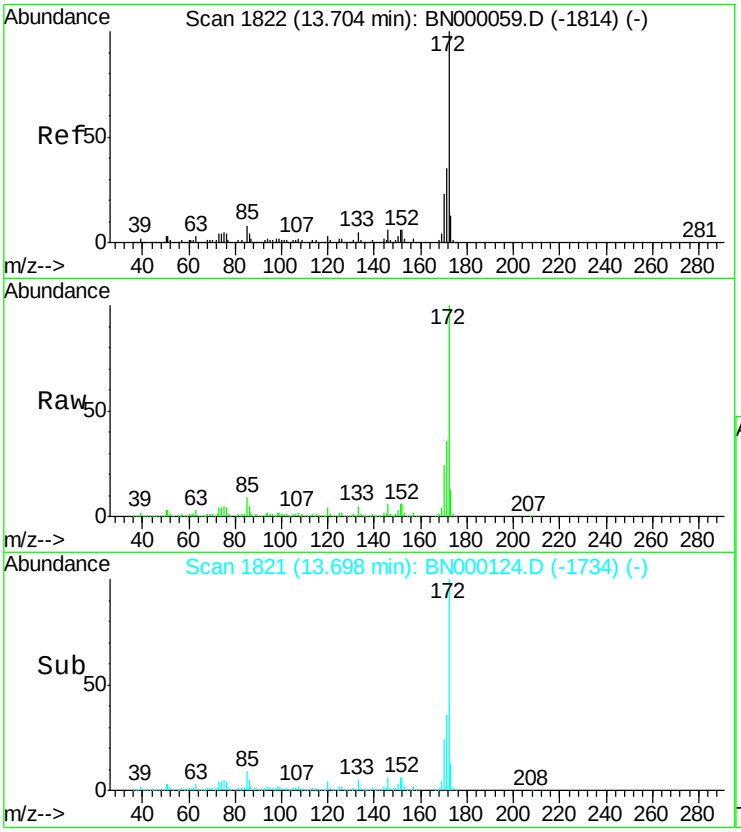


#41
2,4,6-Tribromophenol
Concen: 128.87 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Tgt Ion:330 Resp: 1614233

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	47.5	25.2	37.8#



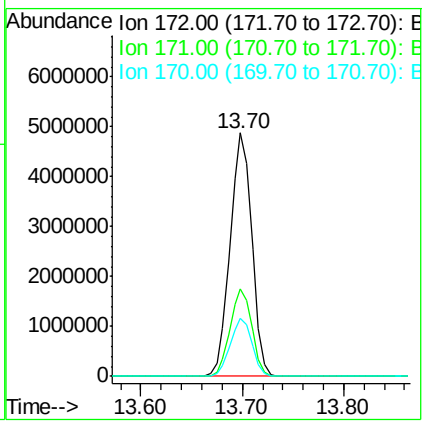


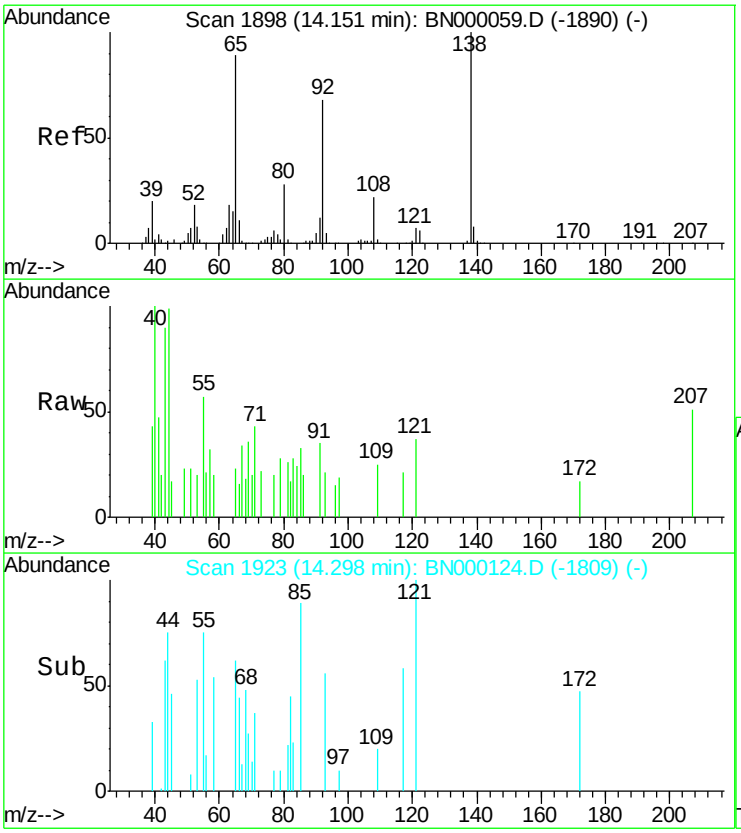
#44
2-Fluorobiphenyl
Concen: 80.57 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 7233967

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	23.8	19.5	29.3

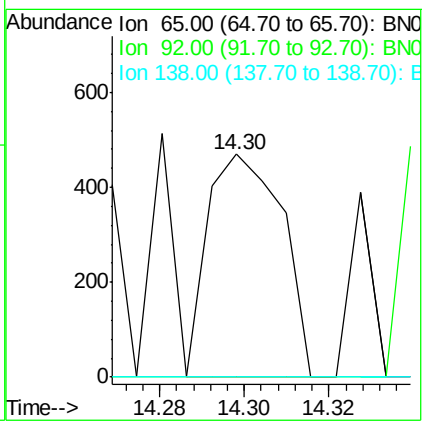


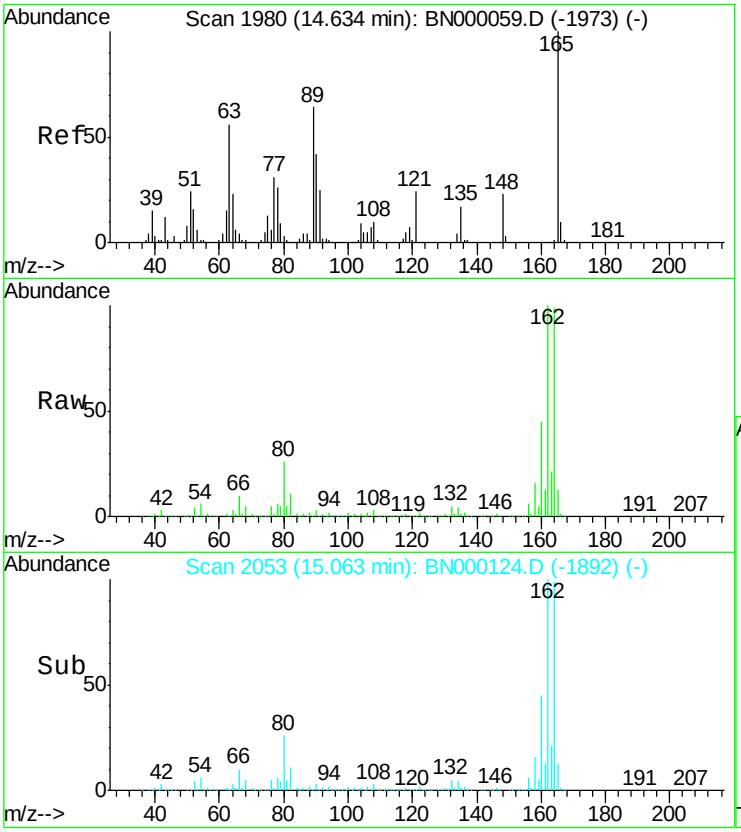


#47
2-Nitroaniline
Concen: 4.90 ng
RT: 14.30 min Scan# 1923
Delta R.T. 0.14 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Tgt Ion: 65 Resp: 577

Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.6	82.0#
138	0.0	72.9	109.3#



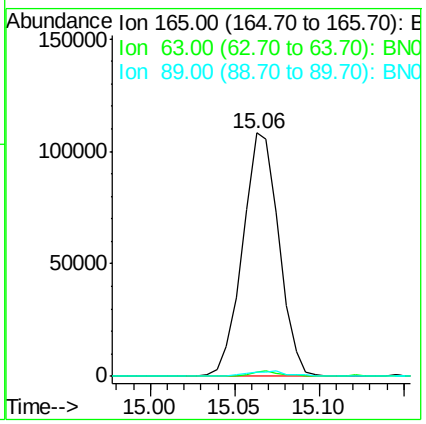


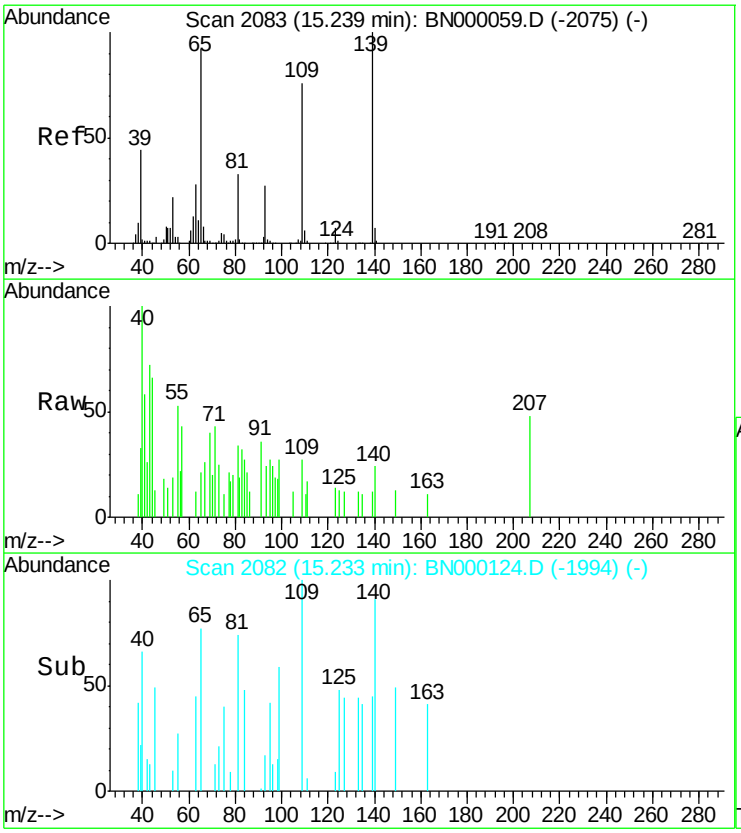
#50
2,6-Dinitrotoluene
Concen: 7.41 ng
RT: 15.06 min Scan# 2053
Delta R.T. 0.42 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 161780

Ion	Ratio	Lower	Upper
165	100		
63	1.5	52.7	79.1#
89	1.8	49.2	73.8#

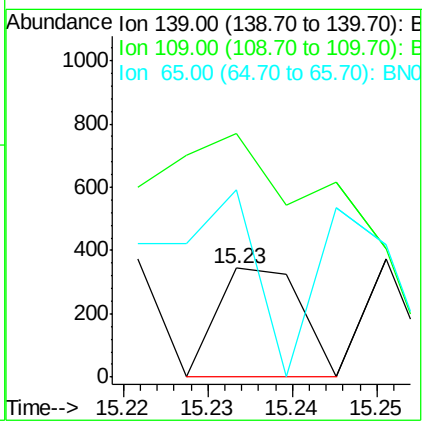


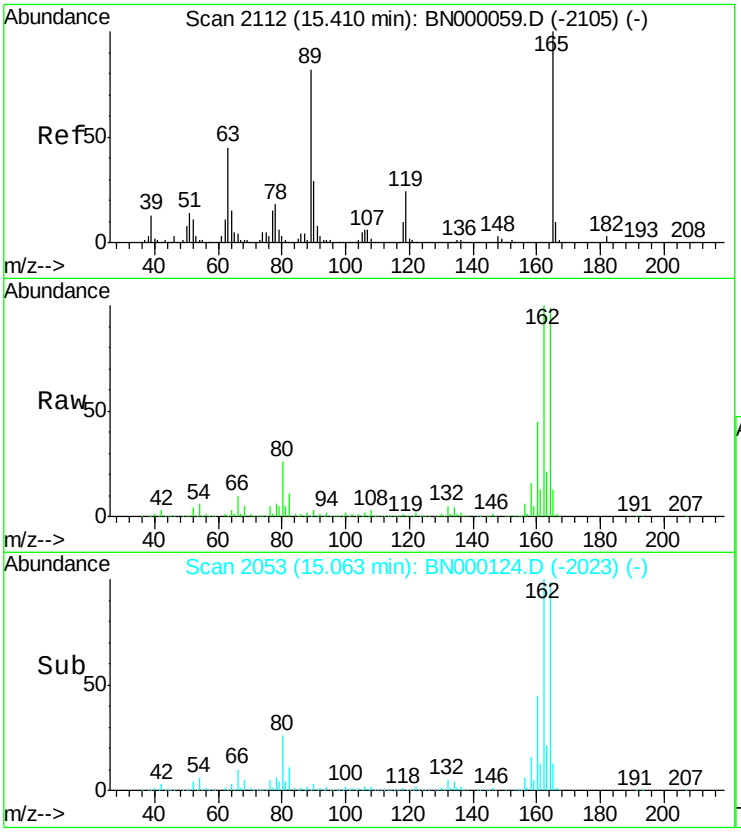


#55
4-Nitrophenol
Concen: 4.99 ng
RT: 15.23 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Tgt Ion:139 Resp: 237

Ion	Ratio	Lower	Upper
139	100		
109	222.9	62.2	102.2#
65	171.3	97.2	137.2#



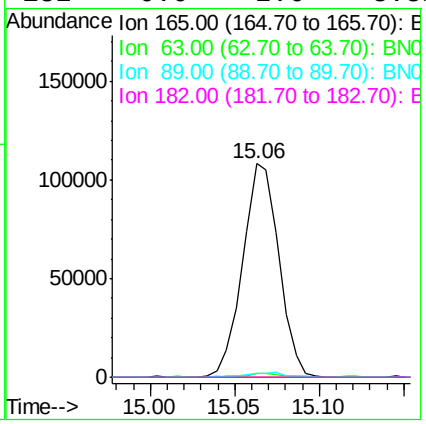


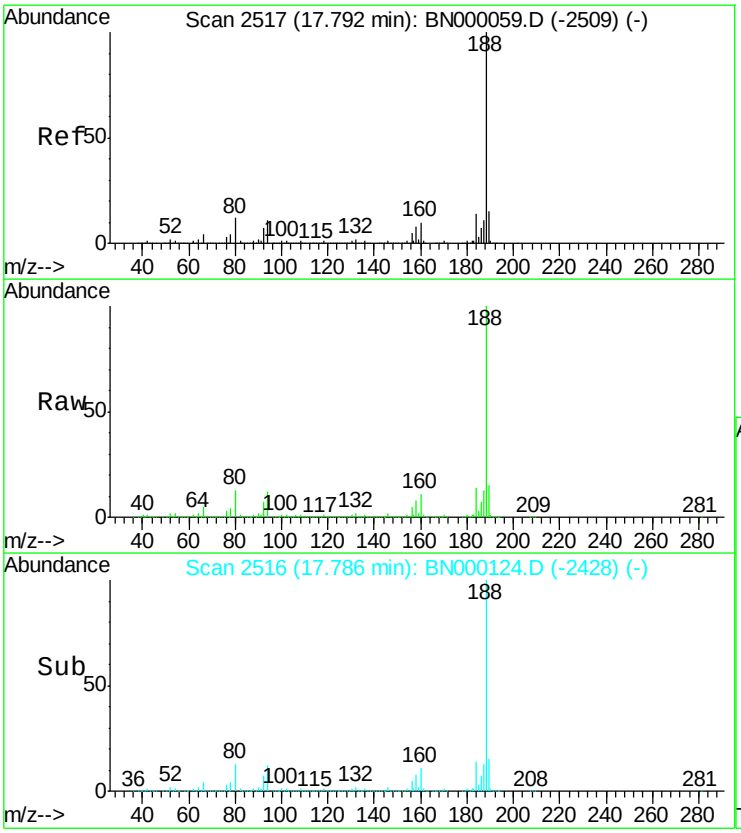
#56
2,4-Dinitrotoluene
Concen: 8.91 ng
RT: 15.06 min Scan# 2053
Delta R.T. -0.35 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 161780

Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#

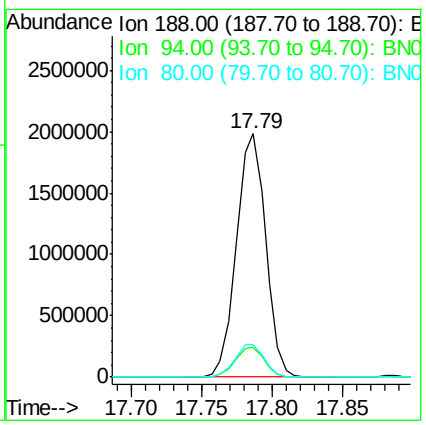


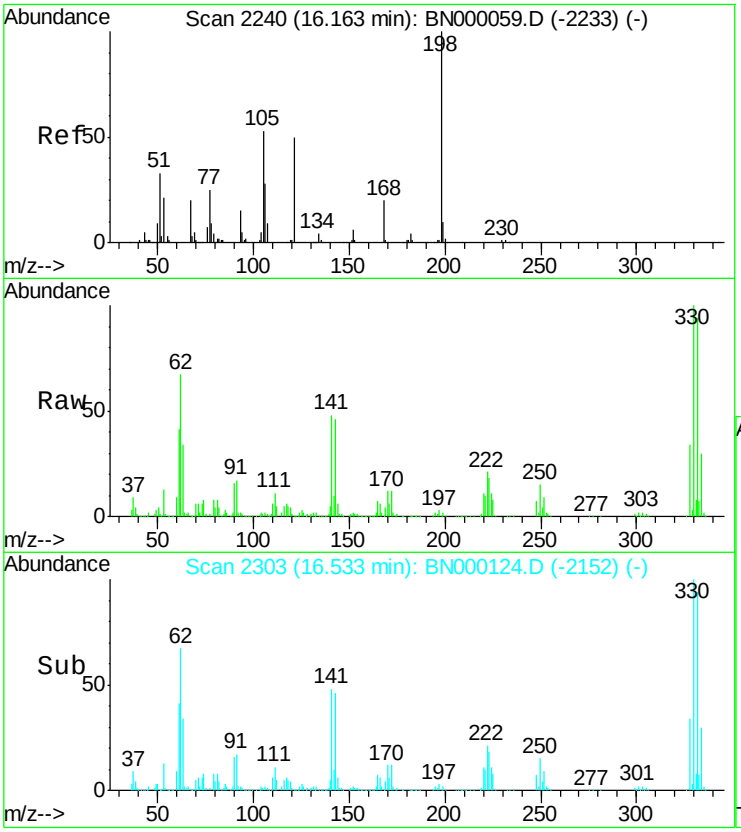


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Tgt Ion:188 Resp: 2860200

Ion	Ratio	Lower	Upper
188	100		
94	12.2	6.9	10.3#
80	13.3	7.7	11.5#



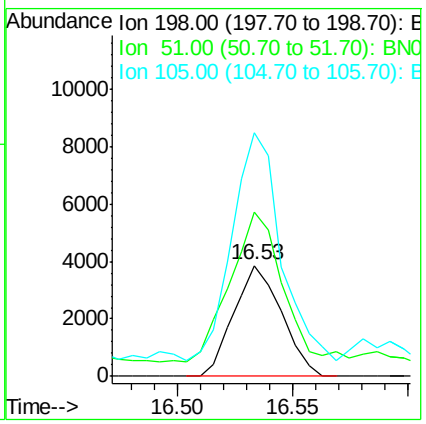


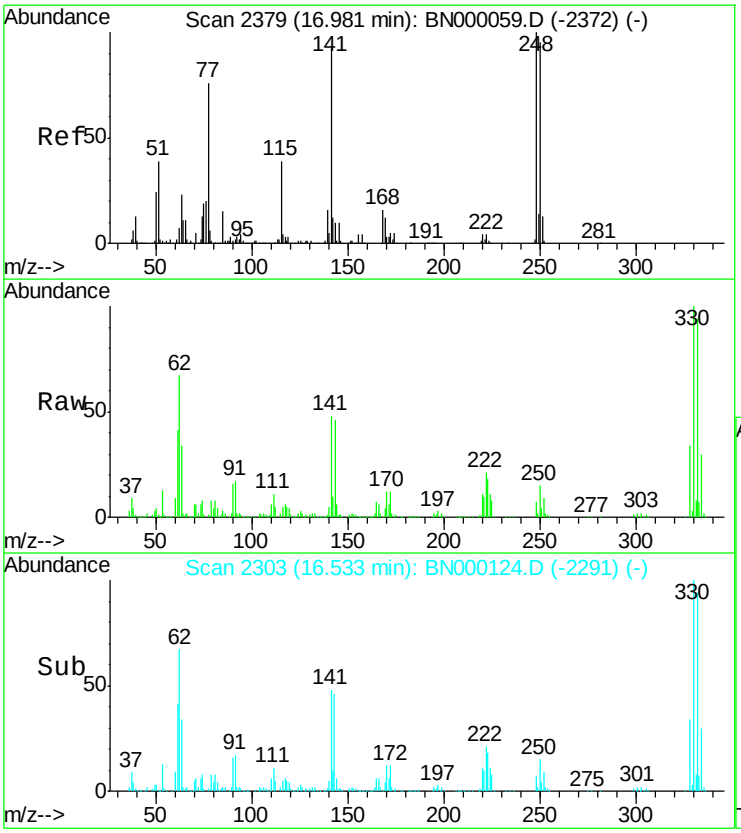
#64
4,6-Dinitro-2-methylphenol
Concen: 9.04 ng
RT: 16.53 min Scan# 2303
Delta R.T. 0.36 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 5573

Ion	Ratio	Lower	Upper
198	100		
51	148.4	30.6	70.6#
105	219.7	23.8	63.8#

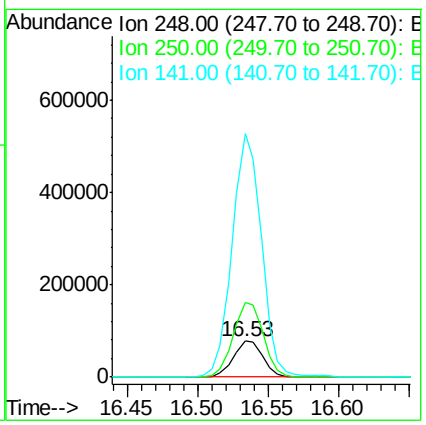


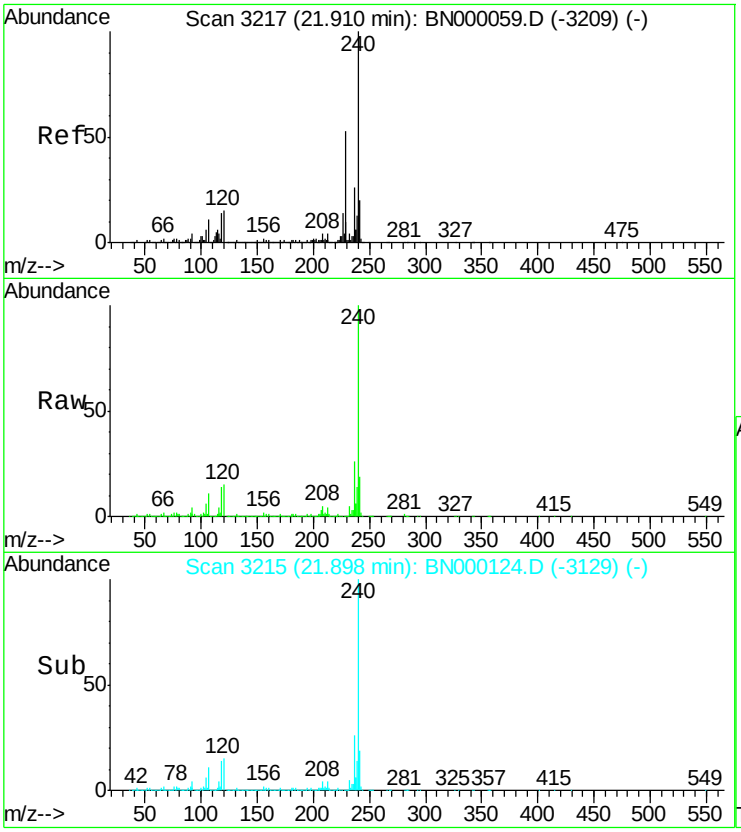


#66
4-Bromophenyl-phenylether
Concen: 4.18 ng
RT: 16.53 min Scan# 2303
Delta R.T. -0.46 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Tgt Ion:248 Resp: 113745

Ion	Ratio	Lower	Upper
248	100		
250	210.3	77.1	115.7#
141	681.1	50.8	76.2#



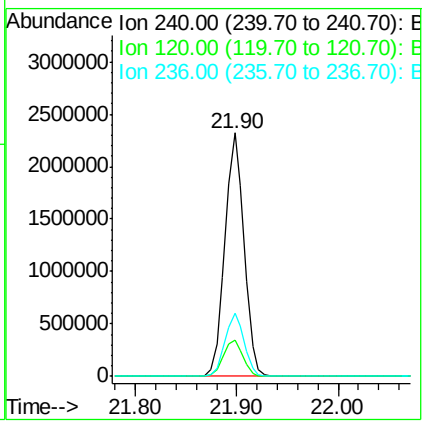


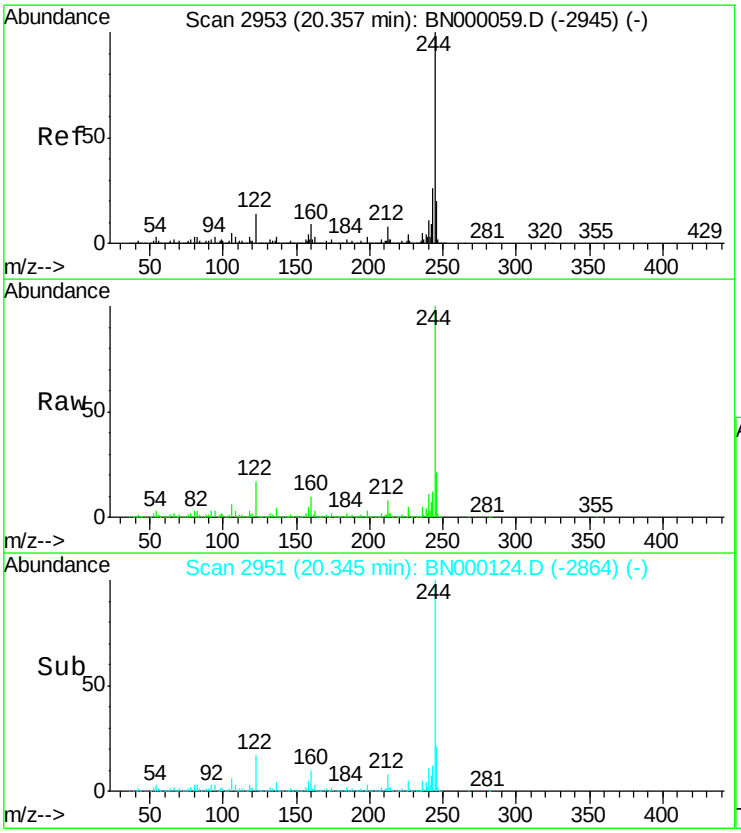
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.90 min Scan# 3215
Delta R.T. -0.02 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 3048383

Ion	Ratio	Lower	Upper
240	100		
120	15.0	6.8	10.2#
236	26.0	20.9	31.3

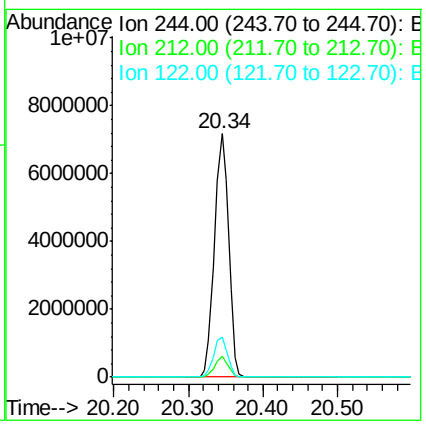


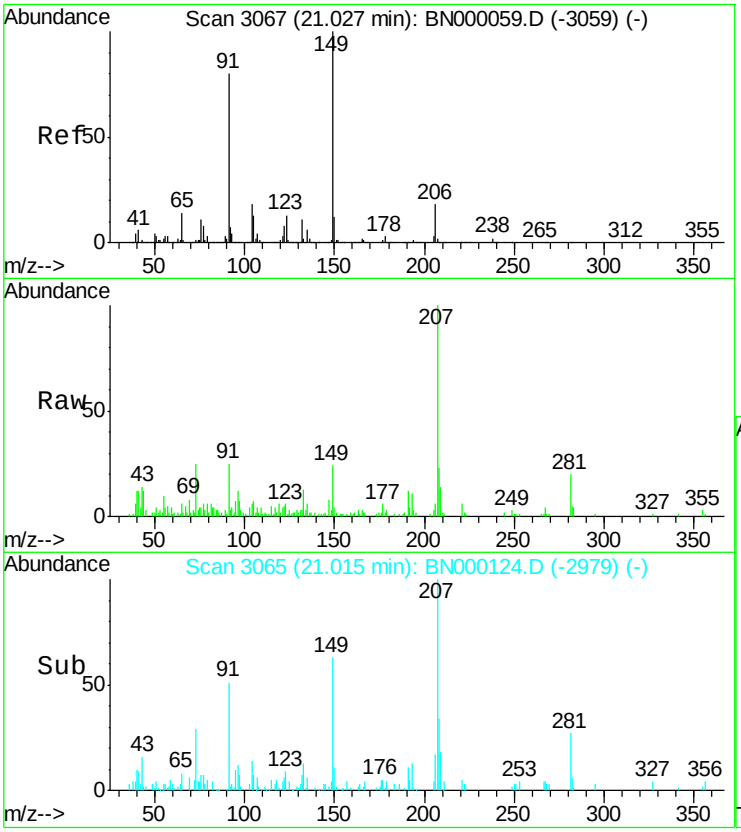


#78
Terphenyl-d14
Concen: 83.43 ng
RT: 20.34 min Scan# 2951
Delta R.T. -0.02 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Tgt Ion:244 Resp: 9419160

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	16.7	7.0	10.4#



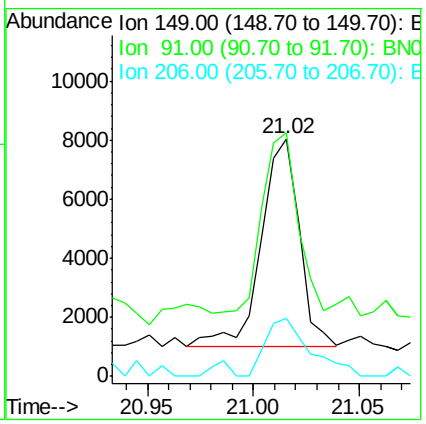


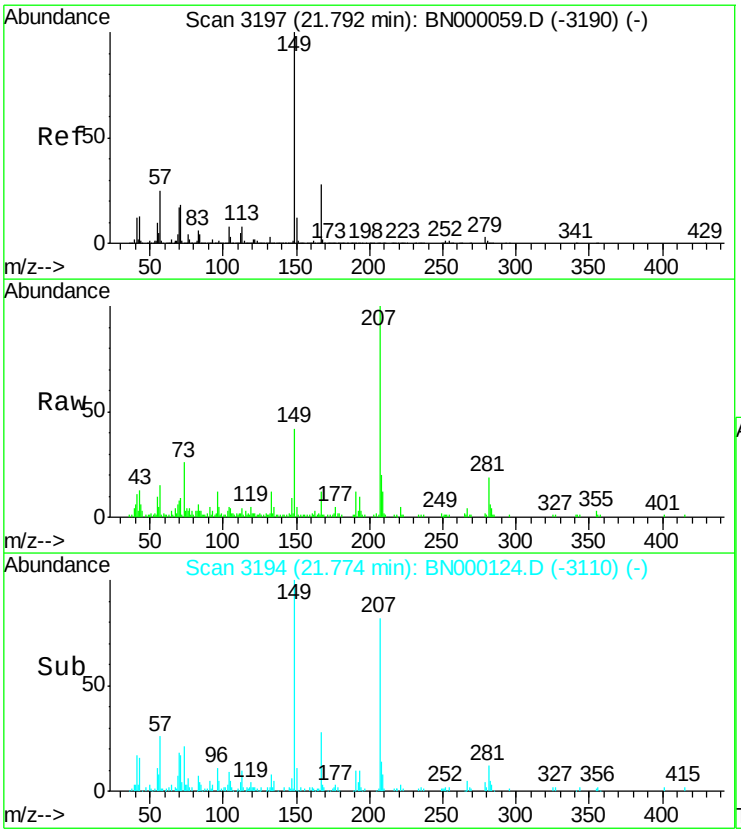
#79
Butylbenzylphthalate
Concen: 5.46 ng
RT: 21.02 min Scan# 3065
Delta R.T. -0.02 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 8851

Ion	Ratio	Lower	Upper
149	100		
91	102.4	62.2	93.2#
206	24.3	18.6	27.8

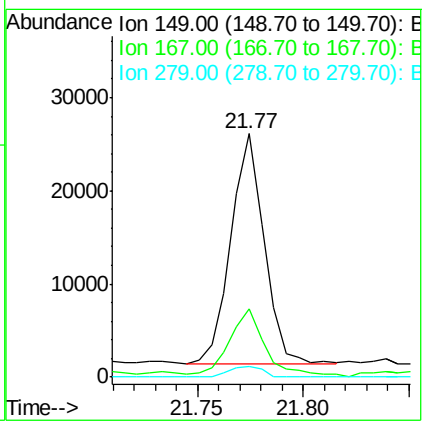


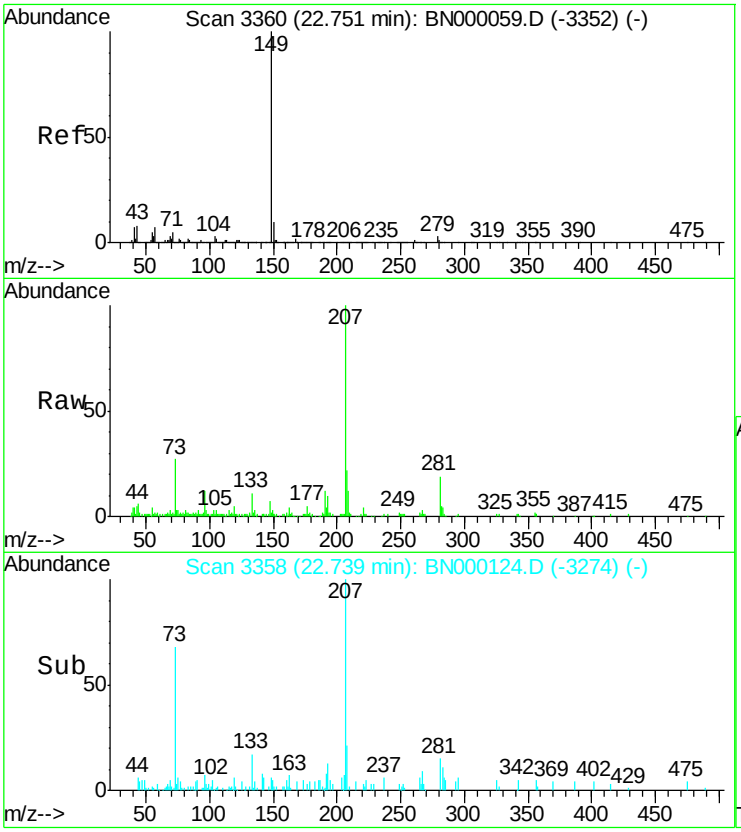


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.09 ng
RT: 21.77 min Scan# 3194
Delta R.T. -0.03 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Tgt Ion:149 Resp: 27057

Ion	Ratio	Lower	Upper
149	100		
167	28.3	24.3	36.5
279	4.3	4.0	6.0



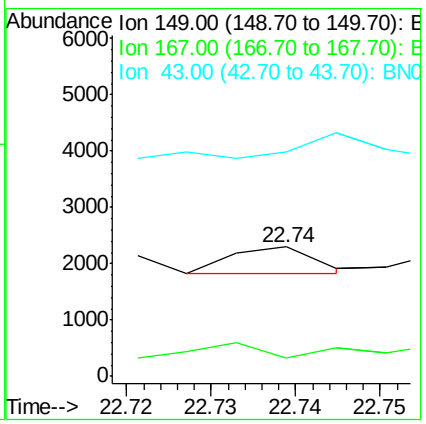


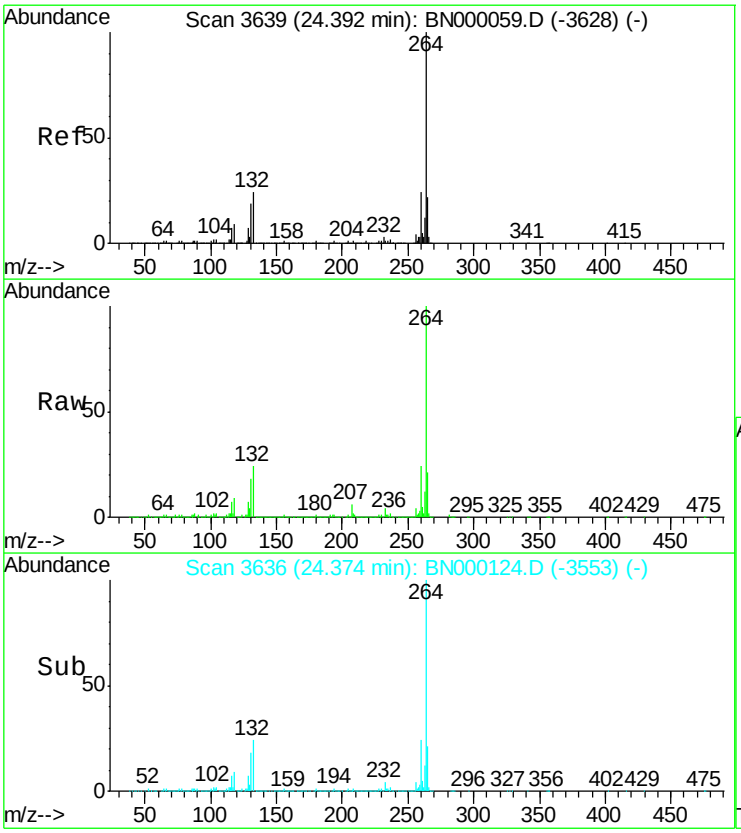
#84
Di-n-octyl phthalate
Concen: 6.73 ng
RT: 22.74 min Scan# 3358
Delta R.T. -0.04 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 316

Ion	Ratio	Lower	Upper
149	100		
167	42.4	1.4	2.0#
43	0.0	8.9	13.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.37 min Scan# 3636
Delta R.T. -0.04 min
Lab File: BN000124.D
Acq: 19 Feb 2018 23:21

Tgt Ion:264 Resp: 3338971

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.3	17.7	26.5