Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040319\
Data File : BN005073.D
Acq On : 03 Apr 2019 22:27
Operator : JU/SJ
Sample : K2197-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CL-02-040219-B

Quant Time: Apr 04 04:30:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8951	20.00	ng	-0.02
21) Naphthalene-d8	10.44	136	35197	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	20190	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	46054	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	47760	20.00	ng	-0.02
87) Perylene-d12	23.48	264	44238	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	62287	120.31	ng	-0.02
7) Phenol-d6	6.83	99	71037	103.45	ng	-0.02
23) Nitrobenzene-d5	8.82	82	52770	90.69	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	50509	155.11	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	140913	92.49	ng	-0.02
79) Terphenyl-d14	19.69	244	239545	96.56	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.19	42	874	5.085	ng	# 1
19) n-Nitroso-di-n-propylamine	8.82	70	6696	14.875	ng	# 74
51) 2,6-Dinitrotoluene	14.30	165	2512	6.655	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2512	4.897	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	3026	5.265	ng	# 1

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

Quantitation Report (Not Reviewed)

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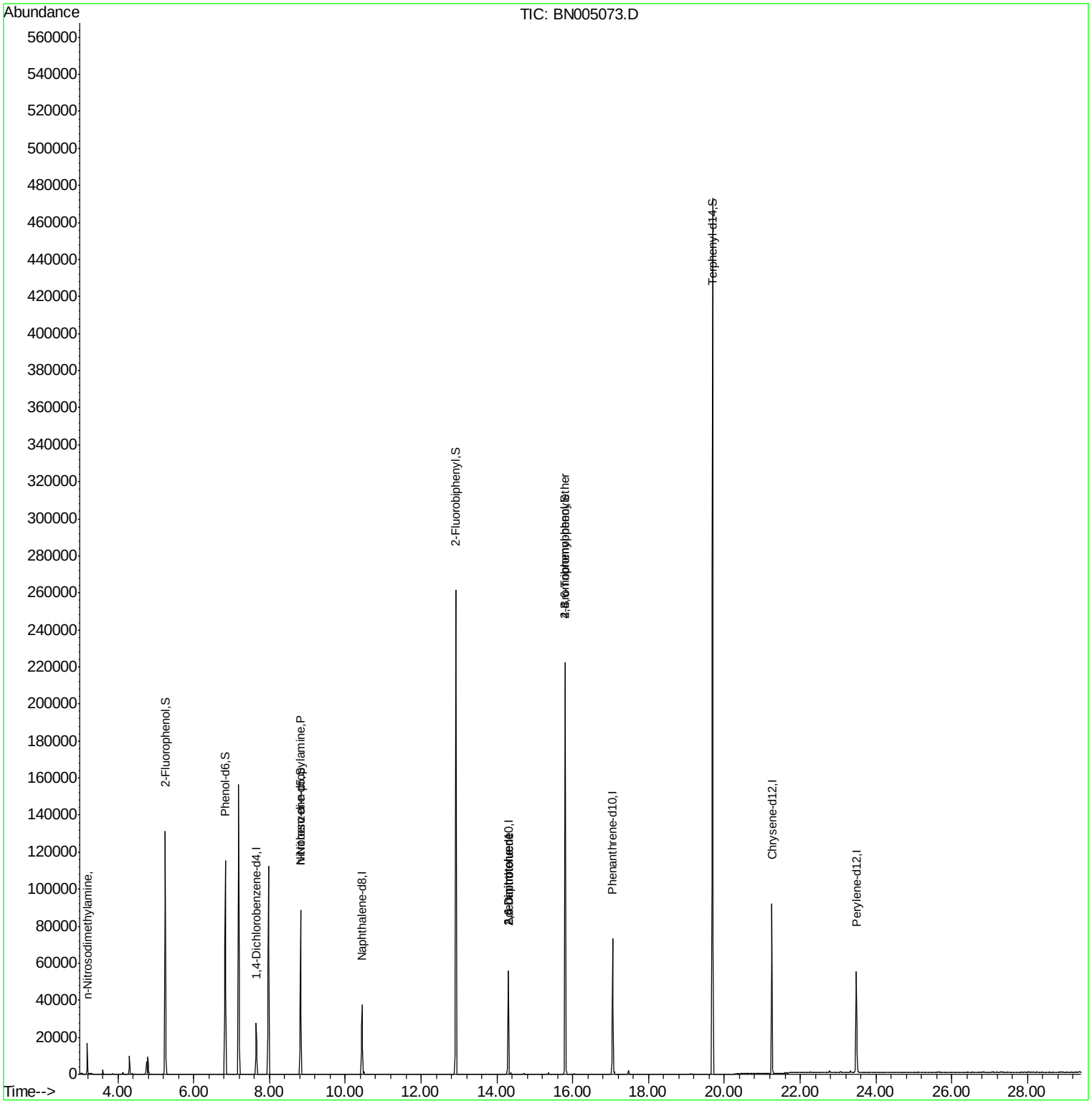
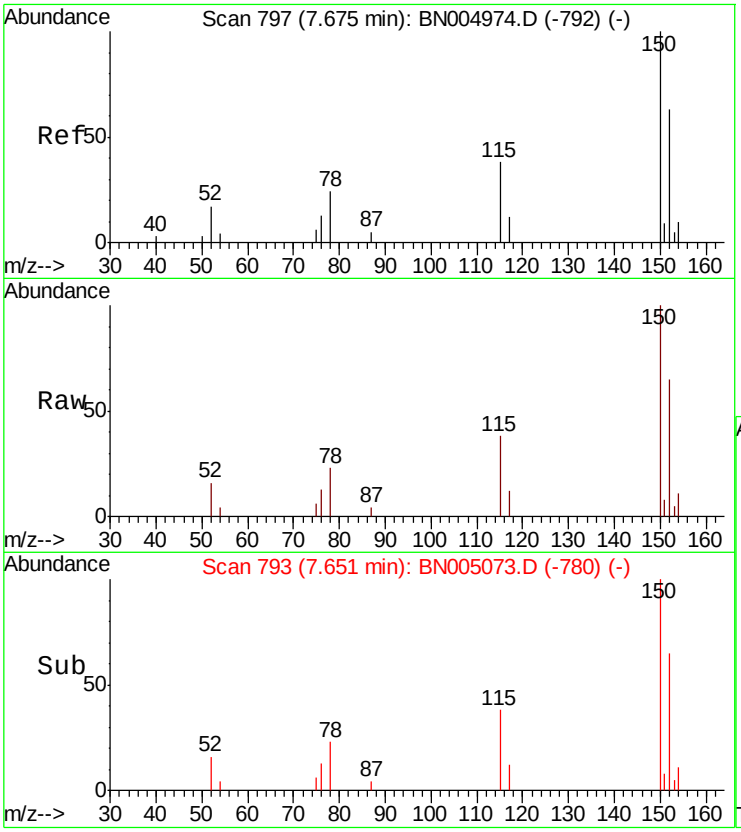


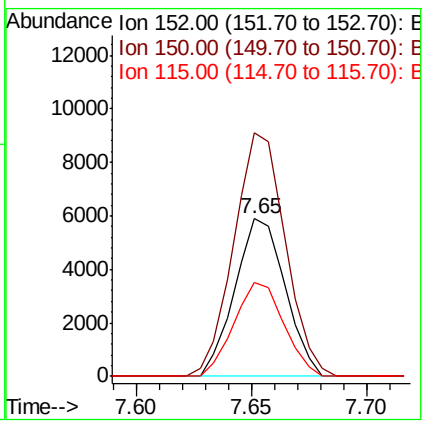


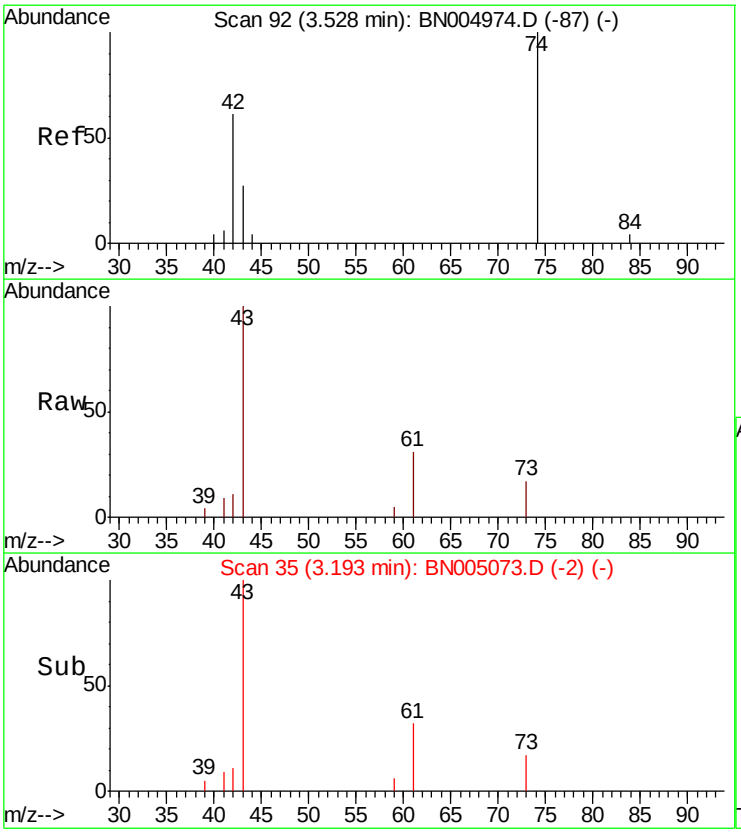
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Instrument :
BNA_N
ClientSampleId :
CL-02-040219-B

Tgt Ion:152 Resp: 8951

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.9	190.3
115	59.2	47.8	71.6

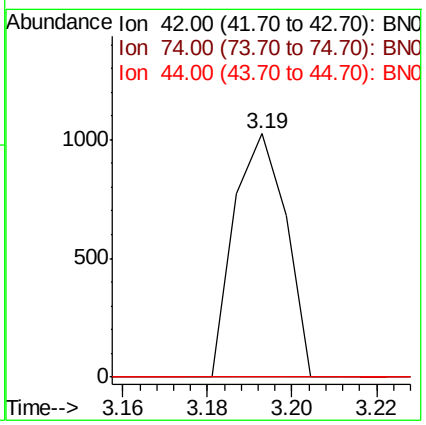


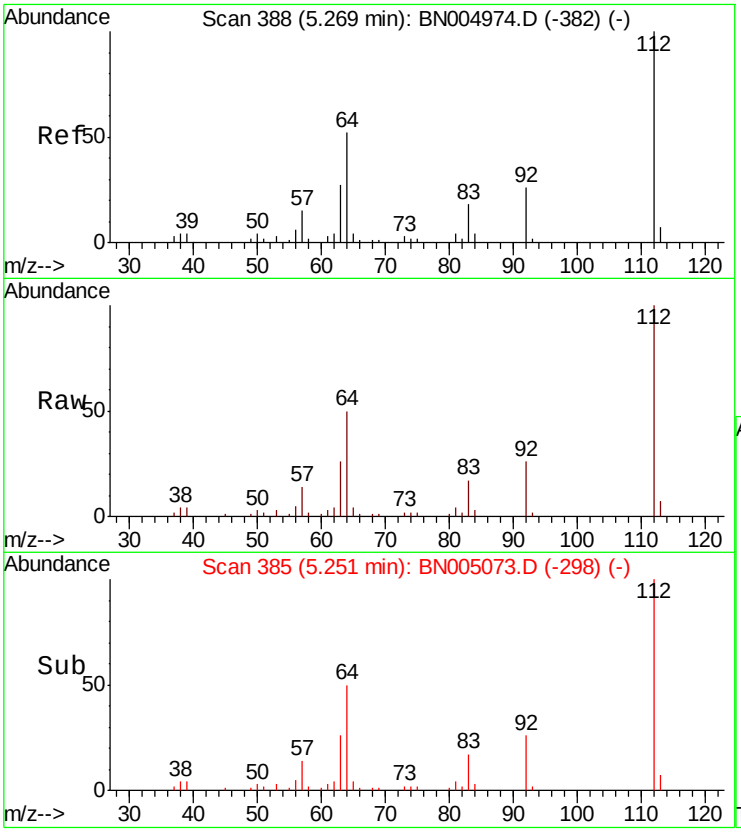


#4
n-Nitrosodimethylamine
Concen: 5.085 ng
RT: 3.19 min Scan# 35
Delta R.T. -0.34 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Tgt Ion: 42 Resp: 874

Ion	Ratio	Lower	Upper
42	100		
74	0.0	130.8	196.2#
44	0.0	5.7	8.5#



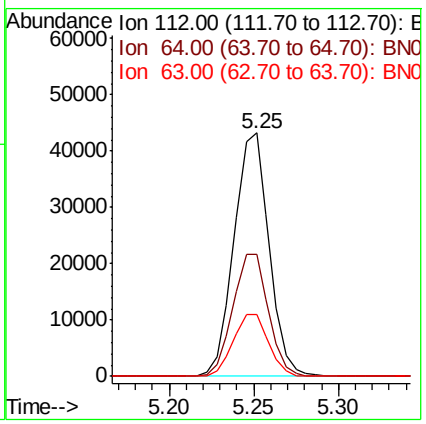


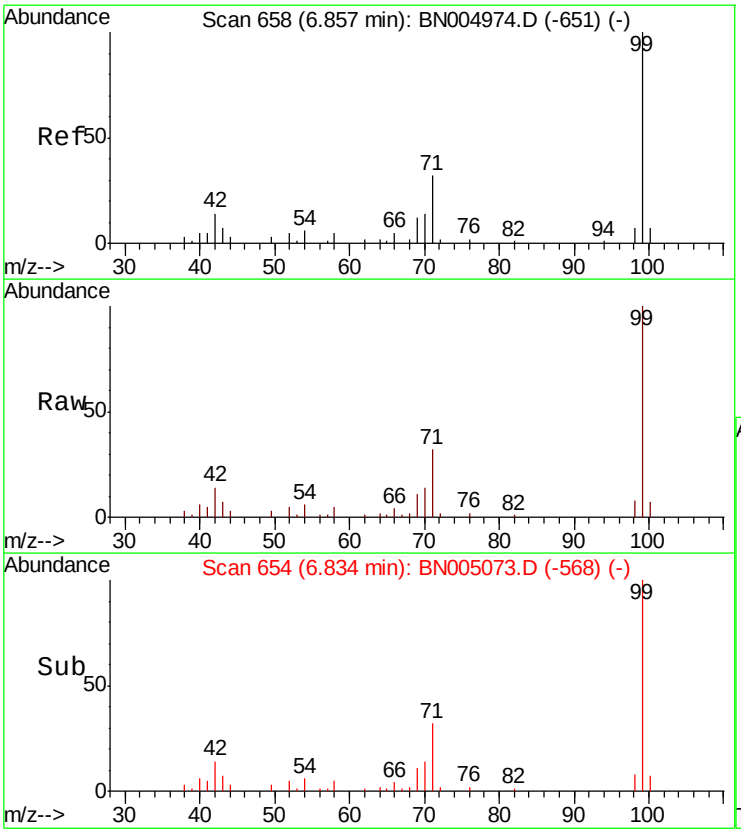
#5
2-Fluorophenol
Concen: 120.308 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.02 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Instrument :
BNA_N
ClientSampleId :
CL-02-040219-B

Tgt Ion:112 Resp: 62287

Ion	Ratio	Lower	Upper
112	100		
64	50.1	41.9	62.9
63	25.7	21.4	32.0

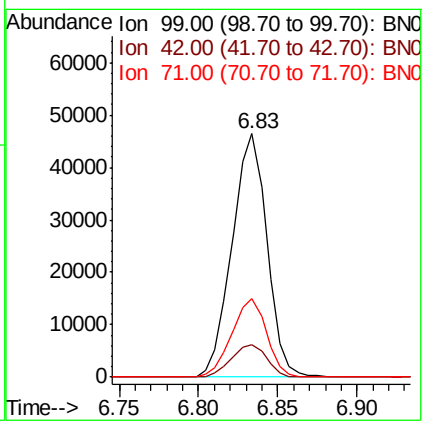


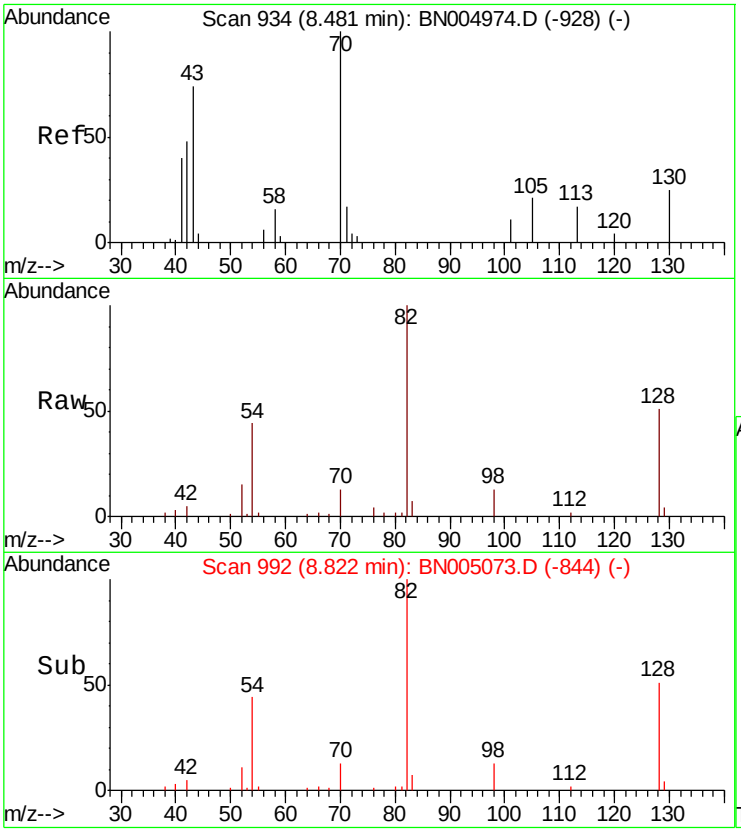


#7
Phenol-d6
Concen: 103.449 ng
RT: 6.83 min Scan# 654
Delta R.T. -0.02 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Tgt Ion: 99 Resp: 71037

Ion	Ratio	Lower	Upper
99	100		
42	13.5	11.4	17.0
71	32.3	25.8	38.8



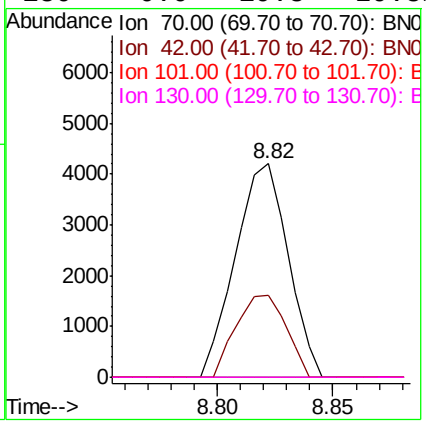


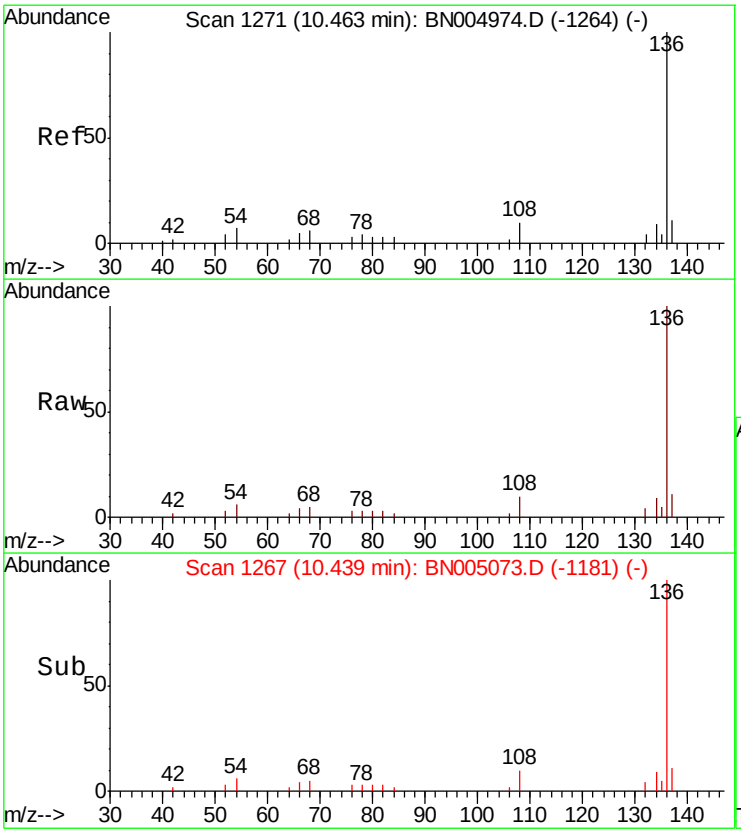
#19
n-Nitroso-di-n-propylamine
Concen: 14.875 ng
RT: 8.82 min Scan# 992
Delta R.T. 0.34 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Instrument :
BNA_N
ClientSampleId :
CL-02-040219-B

Tgt Ion: 70 Resp: 6696

Ion	Ratio	Lower	Upper
70	100		
42	38.6	38.4	57.6
101	0.0	8.8	13.2#
130	0.0	19.8	29.8#

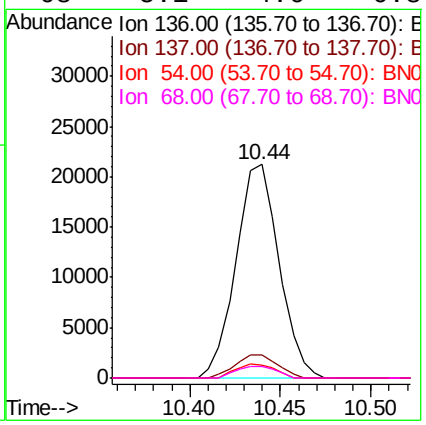


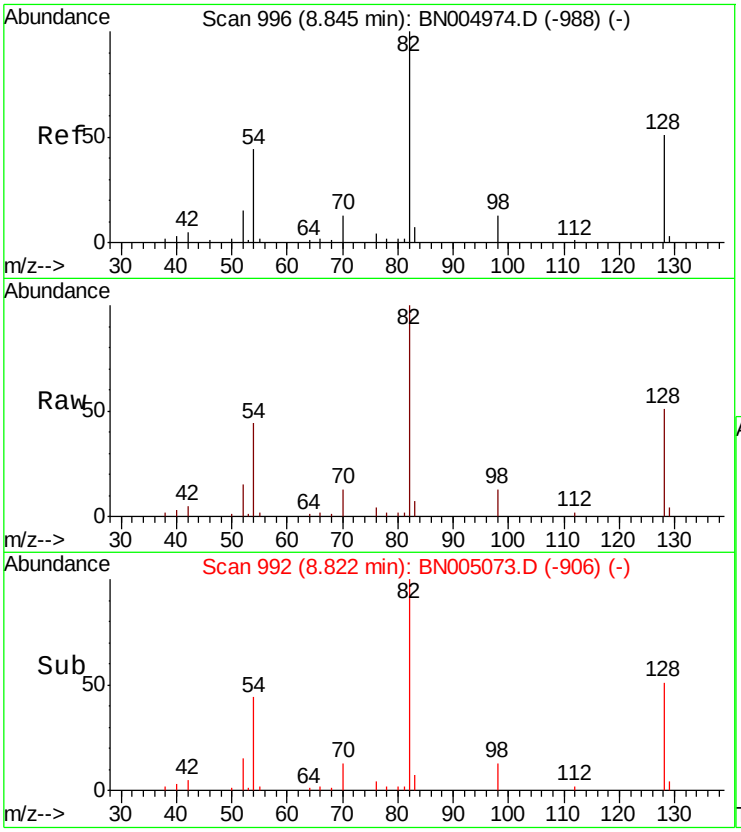


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Tgt Ion:136 Resp: 35197

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.0	5.3	7.9
68	5.1	4.6	6.8



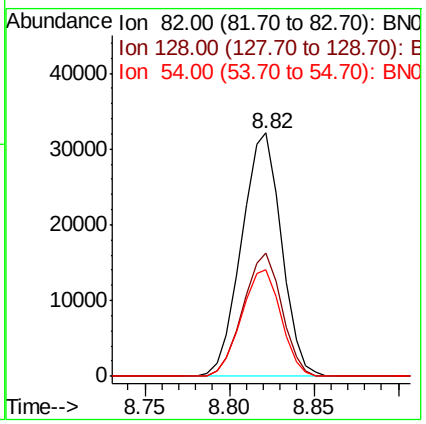


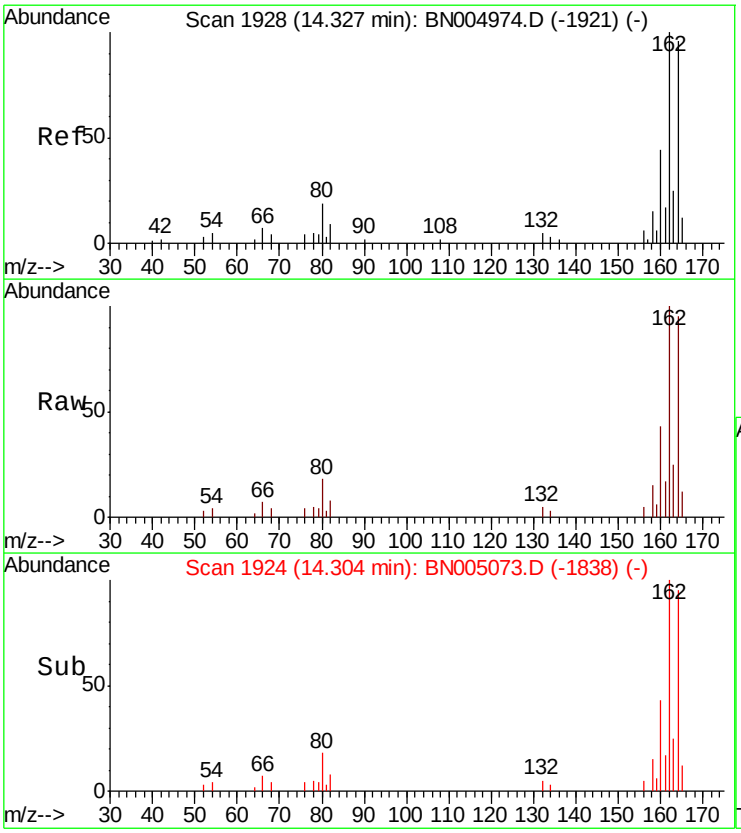
#23
Nitrobenzene-d5
Concen: 90.693 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.02 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Instrument :
BNA_N
ClientSampleId :
CL-02-040219-B

Tgt Ion: 82 Resp: 52770

Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.6	60.8
54	43.6	35.2	52.8

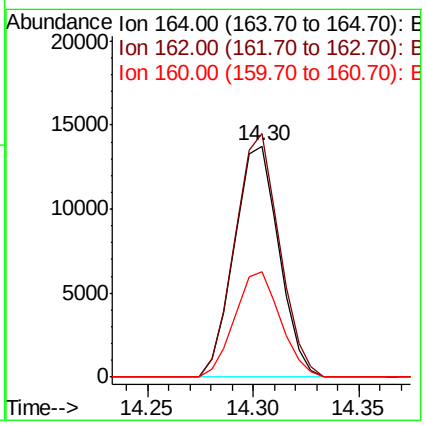


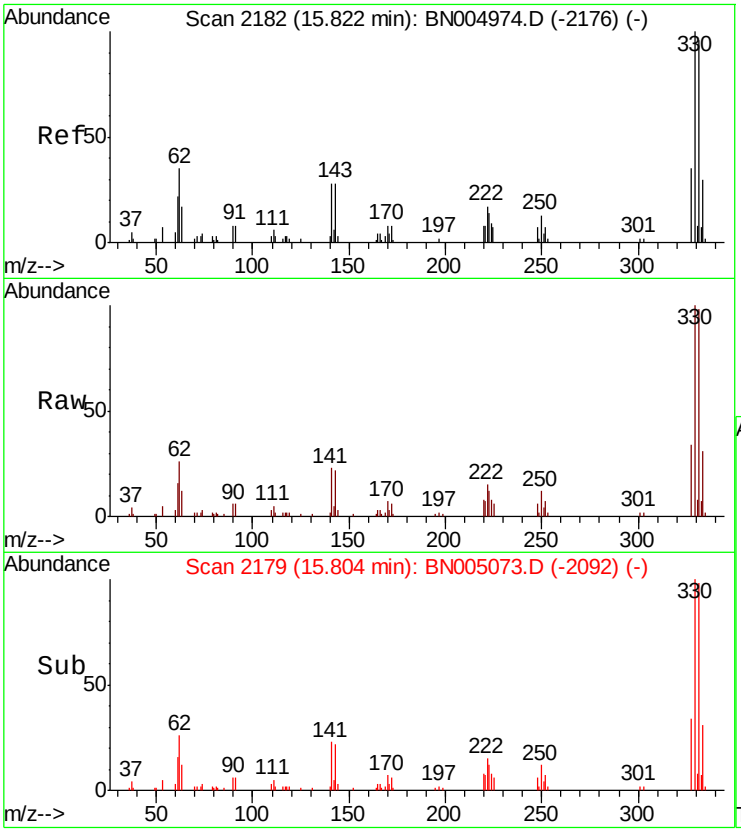


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Tgt Ion:164 Resp: 20190

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.4	125.0
160	45.7	36.6	55.0



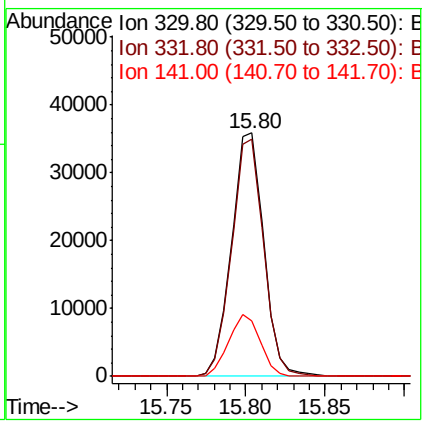


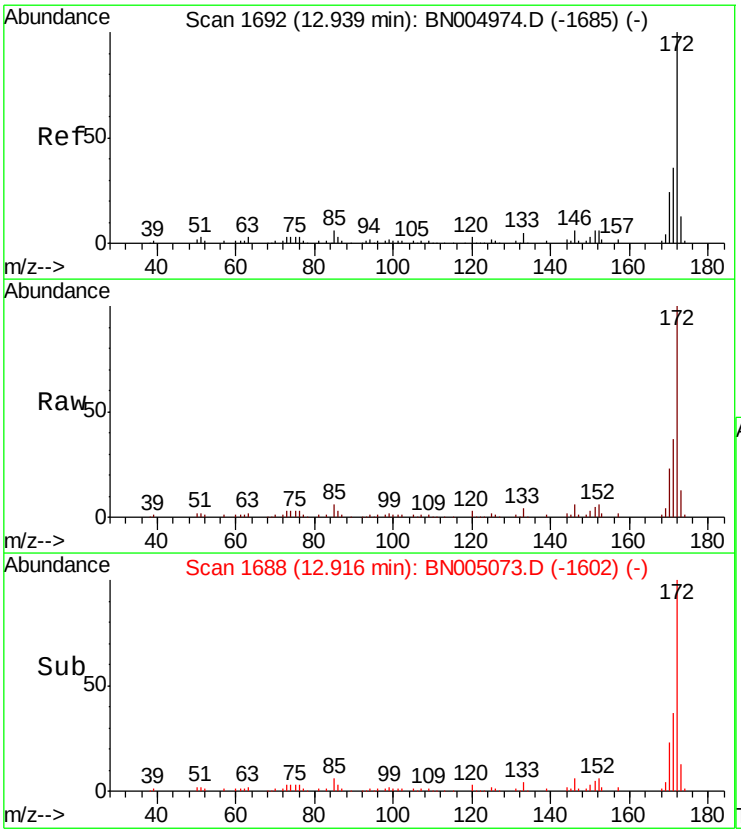
#42
2,4,6-Tribromophenol
Concen: 155.113 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Instrument :
BNA_N
ClientSampleId :
CL-02-040219-B

Tgt Ion:330 Resp: 50509

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	24.9	22.1	33.1

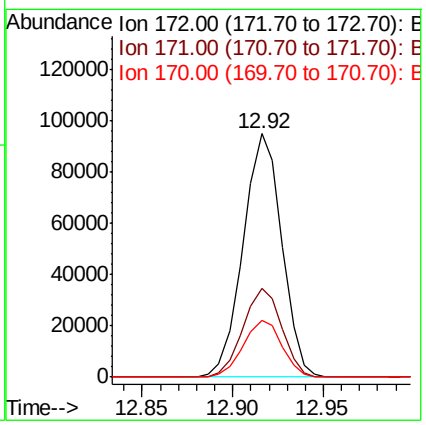


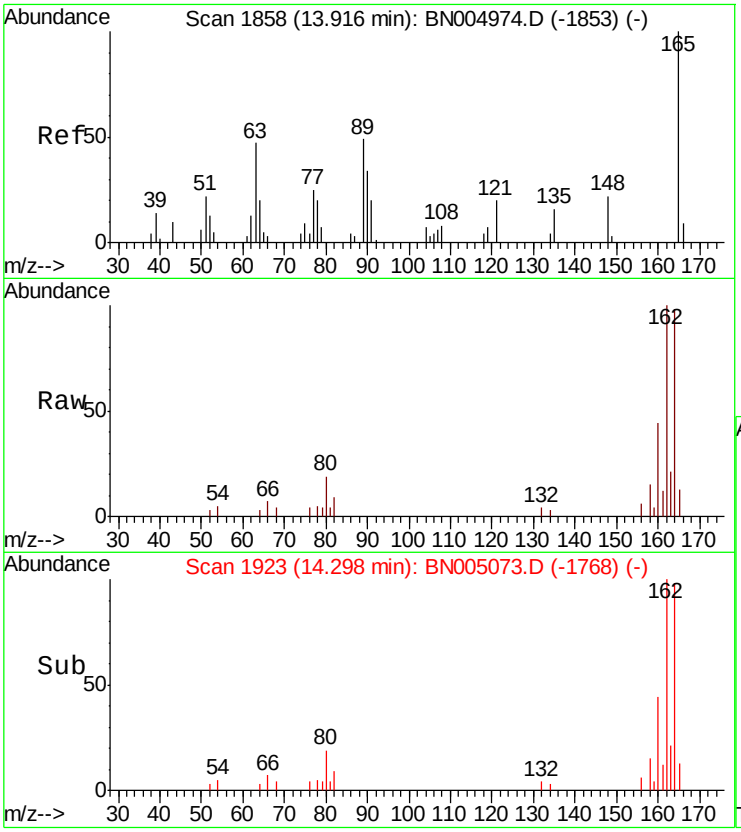


#45
2-Fluorobiphenyl
Concen: 92.485 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Tgt Ion:172 Resp: 140913

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	23.5	18.9	28.3



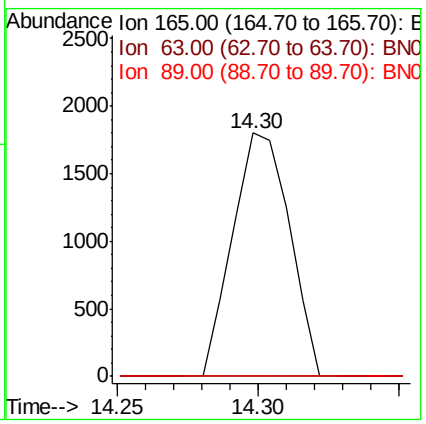


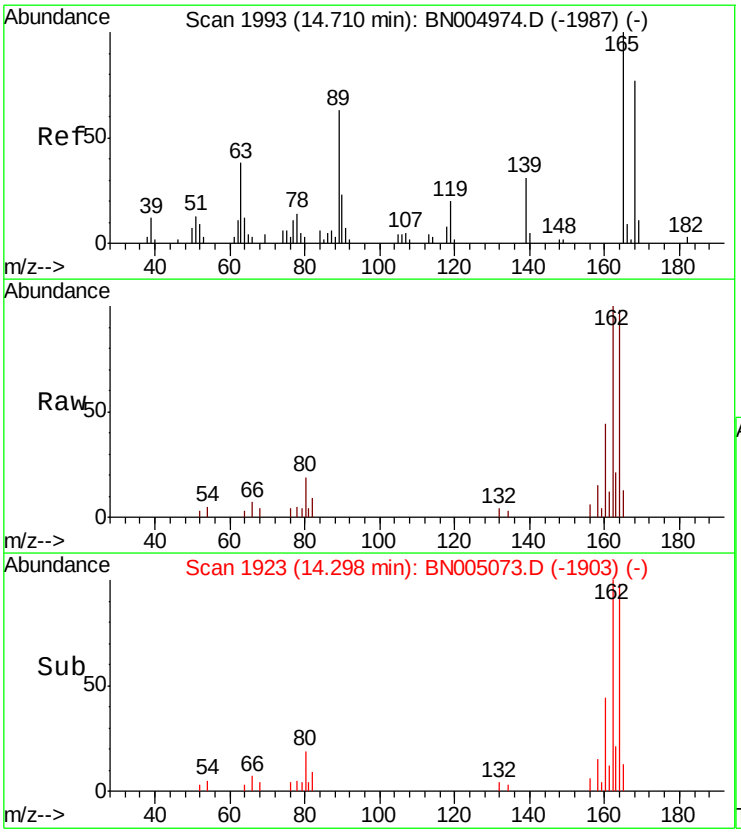
#51
2,6-Dinitrotoluene
Concen: 6.655 ng
RT: 14.30 min Scan# 1923
Delta R.T. 0.38 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Instrument :
BNA_N
ClientSampleId :
CL-02-040219-B

Tgt Ion:165 Resp: 2512

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	0.0	39.2	58.8#

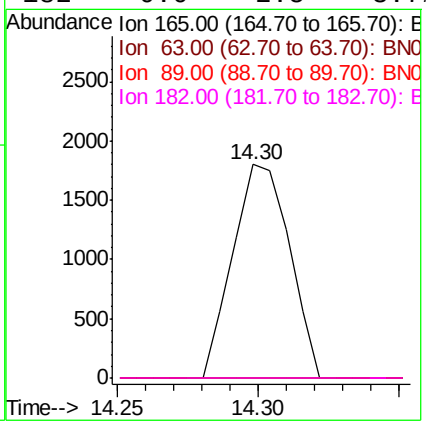


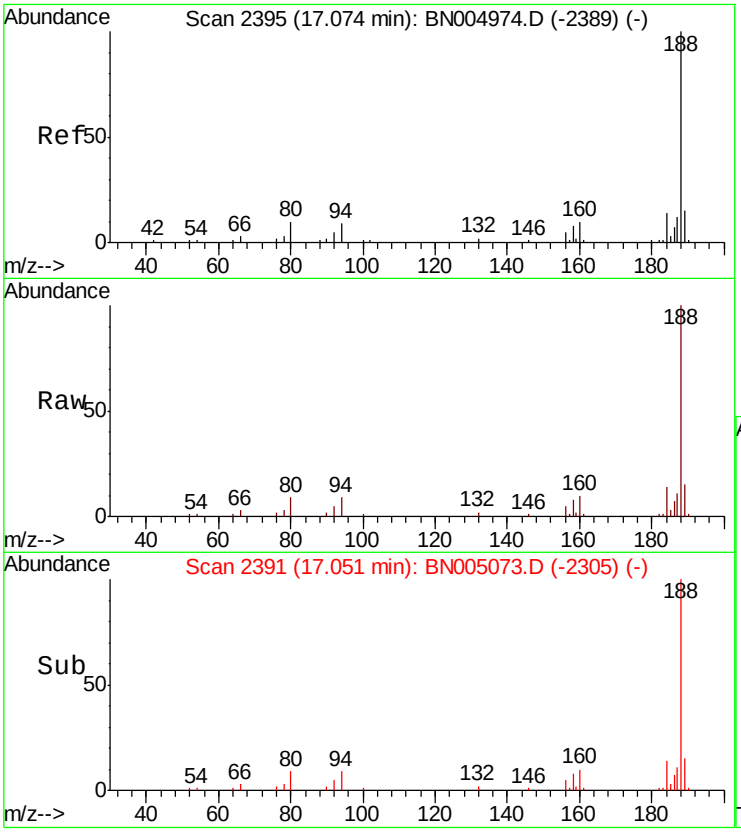


#57
2,4-Dinitrotoluene
Concen: 4.897 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.41 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Tgt Ion:165 Resp: 2512

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.4	45.6#
89	0.0	50.7	76.1#
182	0.0	2.5	3.7#



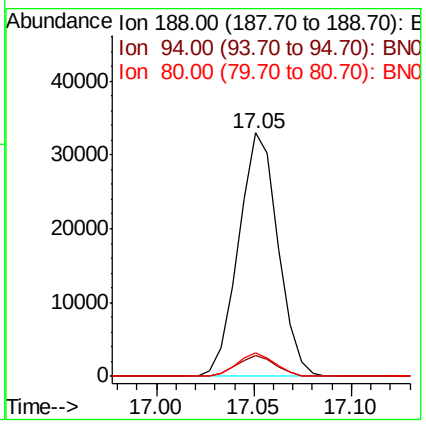


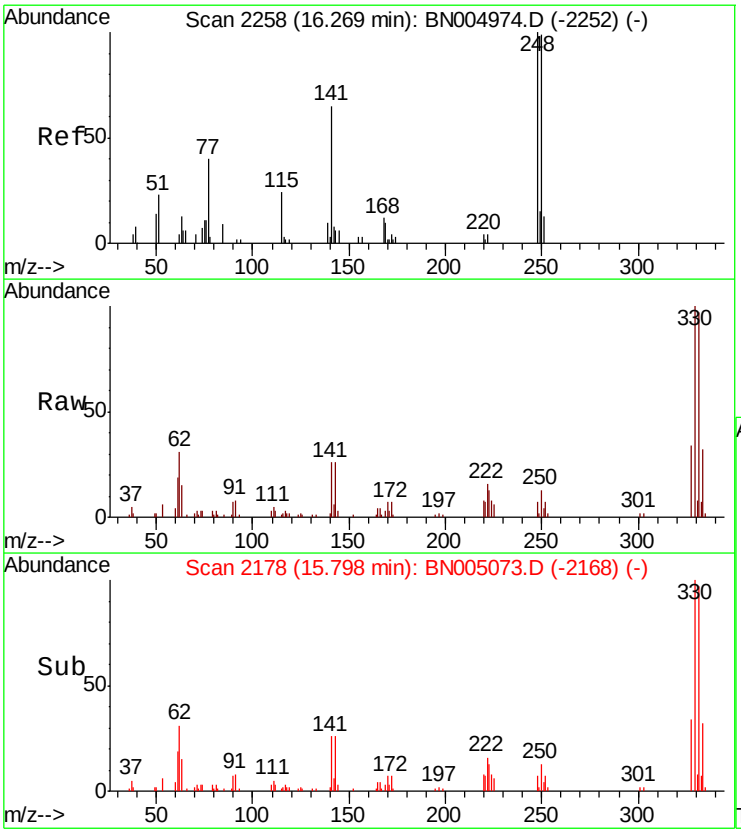
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Instrument :
BNA_N
ClientSampleId :
CL-02-040219-B

Tgt Ion:188 Resp: 46054

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.5	7.8	11.6

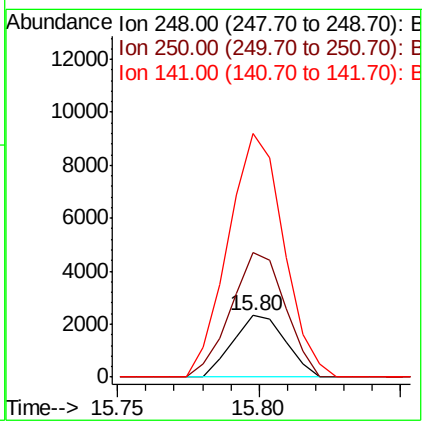


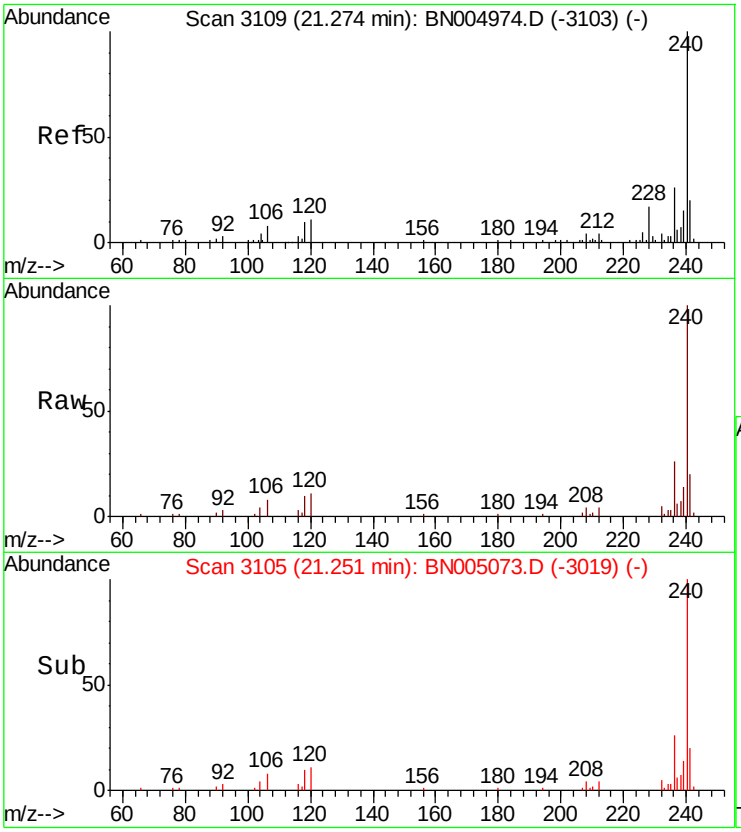


#67
4-Bromophenyl-phenylether
Concen: 5.265 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.47 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Tgt Ion:248 Resp: 3026

Ion	Ratio	Lower	Upper
248	100		
250	203.0	79.4	119.2#
141	397.2	52.3	78.5#



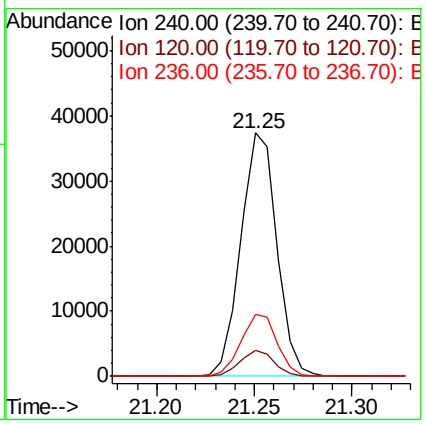


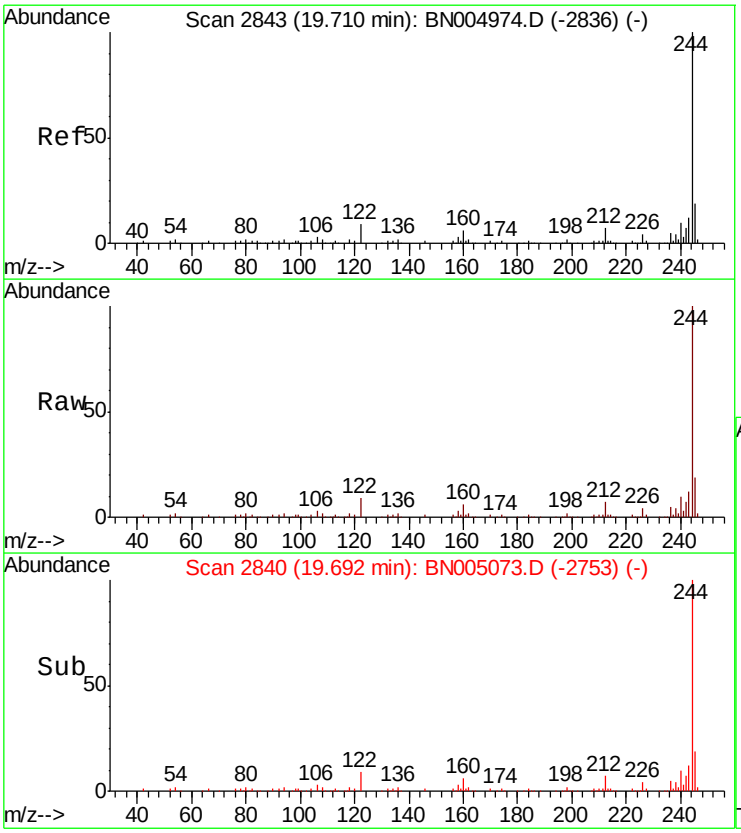
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Instrument :
BNA_N
ClientSampleId :
CL-02-040219-B

Tgt Ion:240 Resp: 47760

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.5	12.7
236	25.6	21.2	31.8

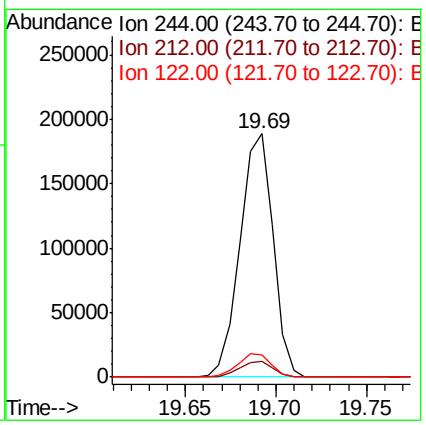


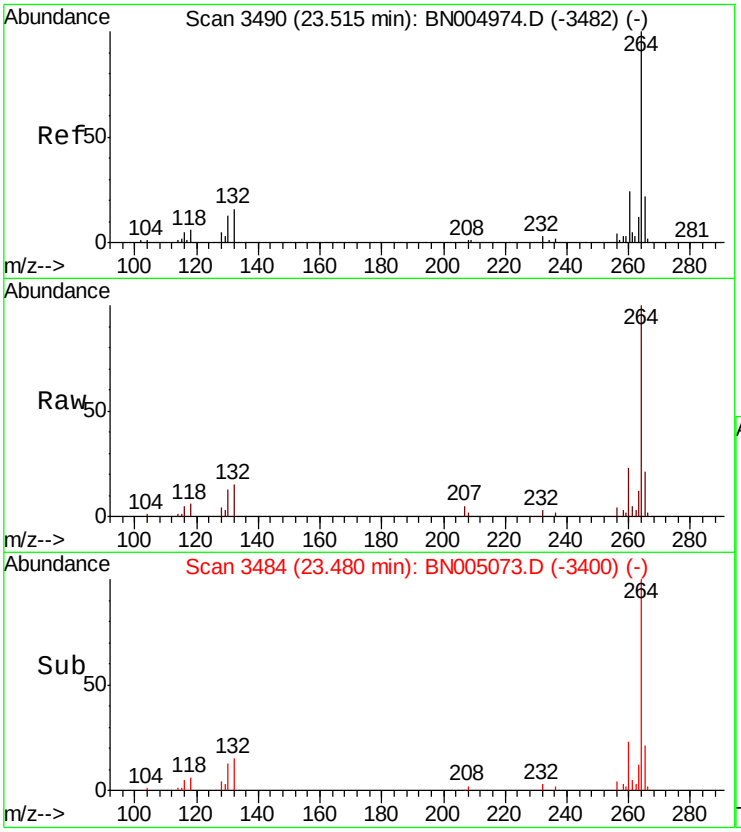


#79
Terphenyl-d14
Concen: 96.563 ng
RT: 19.69 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Tgt Ion:244 Resp: 239545

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.1	7.4	11.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.48 min Scan# 3484
Delta R.T. -0.04 min
Lab File: BN005073.D
Acq: 03 Apr 2019 22:27

Instrument :
BNA_N
ClientSampleId :
CL-02-040219-B

Tgt Ion:264 Resp: 44238

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.5	17.2	25.8