Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032619\
Data File : BN004980.D
Acq On : 26 Mar 2019 17:18
Operator : JU/SJ
Sample : PB118273BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB118273BL

Quant Time: Mar 27 05:07:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 16:45:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	9682	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	37983	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	21601	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	49604	20.00	ng	0.00
76) Chrysene-d12	21.27	240	46598	20.00	ng	0.00
87) Perylene-d12	23.52	264	42901	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	70661	126.18	ng	0.00
7) Phenol-d6	6.86	99	91414	123.07	ng	0.00
23) Nitrobenzene-d5	8.84	82	52523	83.65	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	45310	130.06	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	136931	84.00	ng	0.00
79) Terphenyl-d14	19.70	244	202210	83.55	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.99	79	772	1.366	ng	# 24
19) n-Nitroso-di-n-propylamine	8.84	70	6635	13.626	ng	# 75
51) 2,6-Dinitrotoluene	14.32	165	2725	6.748	ng	# 29
57) 2,4-Dinitrotoluene	14.32	165	2725	4.965	ng	# 27
58) Fluorene	15.82	166	1691	0.991	ng	# 90
66) n-Nitrosodiphenylamine	15.82	169	981	0.628	ng	# 38
67) 4-Bromophenyl-phenylether	15.82	248	2811	4.541	ng	# 1
77) Benzidine	19.70	184	2441	1.681	ng	# 84
78) Pyrene	19.71	202	491	0.158	ng	# 57

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

Quantitation Report (Not Reviewed)

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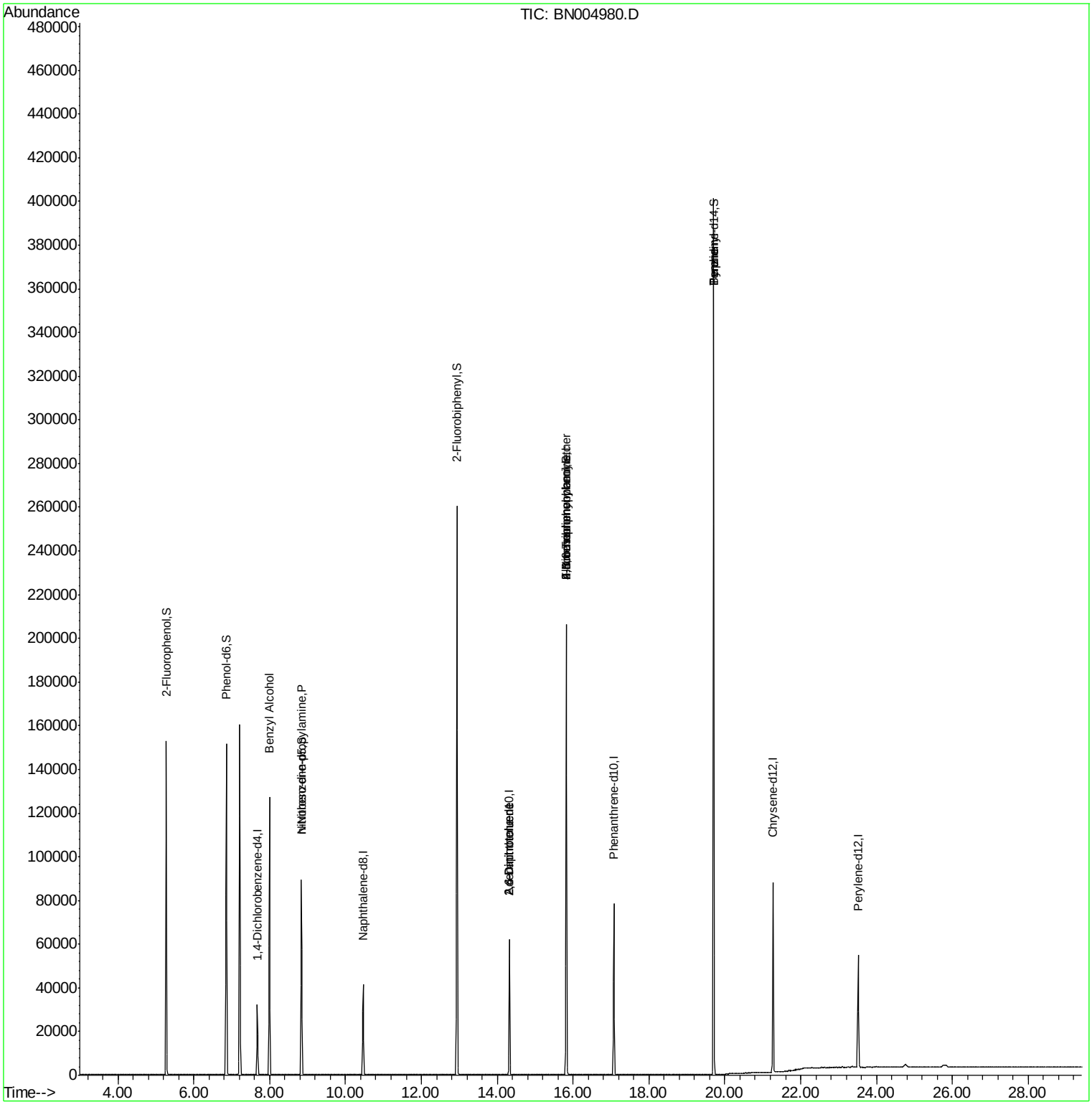
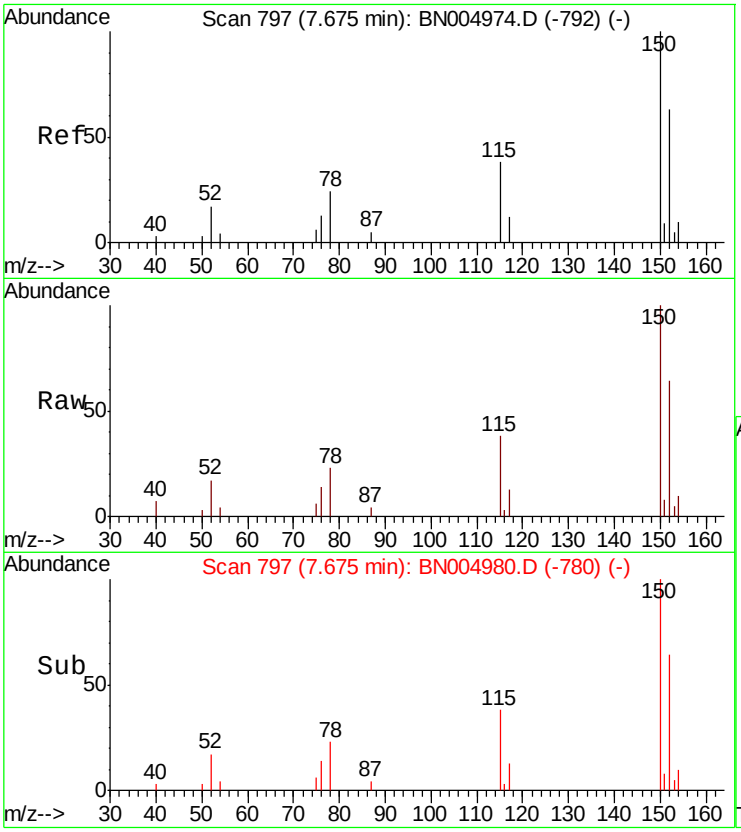


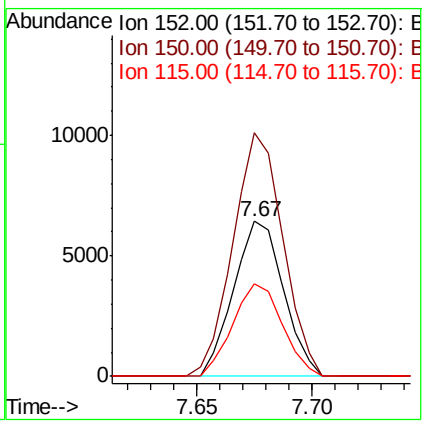


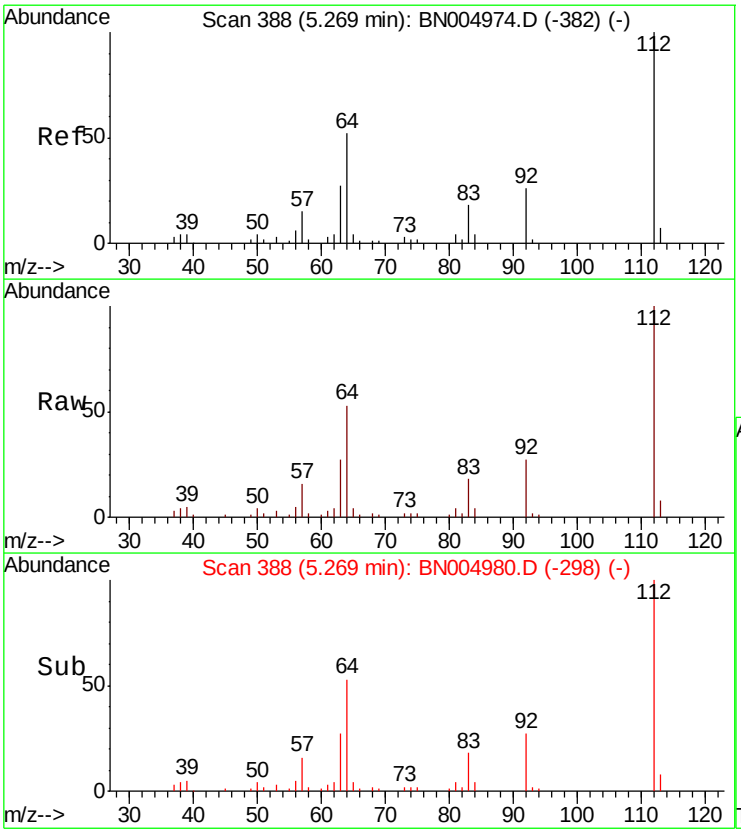
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Instrument :
BNA_N
ClientSampleId :
PB118273BL

Tgt Ion:152 Resp: 9682

Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.9	190.3
115	59.4	47.8	71.6

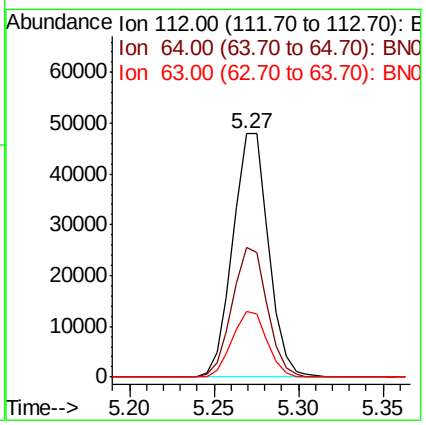


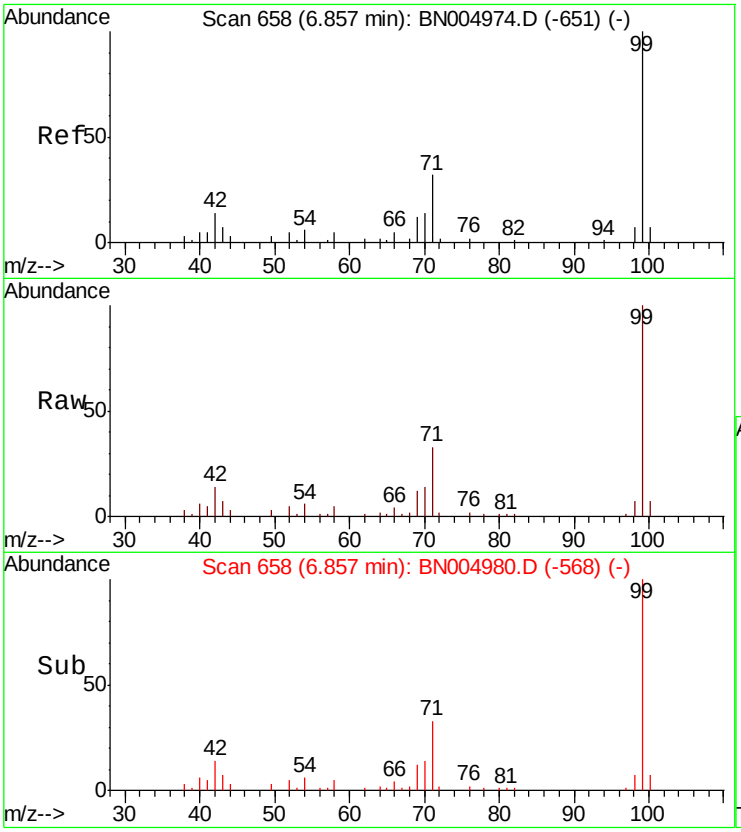


#5
2-Fluorophenol
Concen: 126.178 ng
RT: 5.27 min Scan# 388
Delta R.T. 0.00 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Tgt Ion:112 Resp: 70661

Ion	Ratio	Lower	Upper
112	100		
64	53.4	41.9	62.9
63	27.2	21.4	32.0



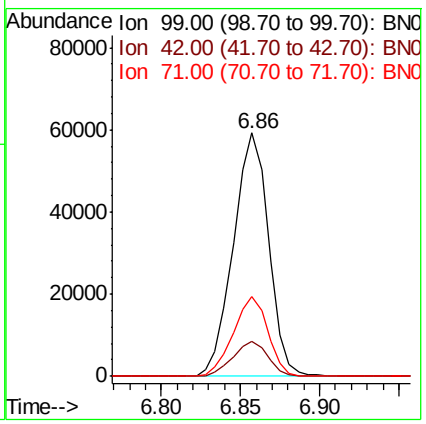


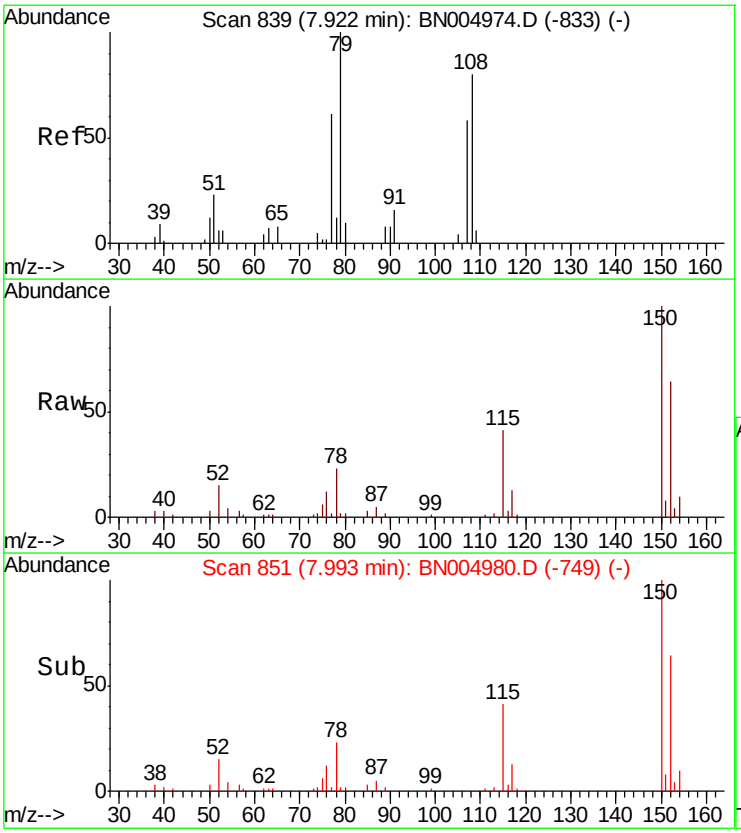
#7
Phenol-d6
Concen: 123.073 ng
RT: 6.86 min Scan# 658
Delta R.T. 0.00 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Instrument :
BNA_N
ClientSampleId :
PB118273BL

Tgt Ion: 99 Resp: 91414

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.4	17.0
71	33.0	25.8	38.8

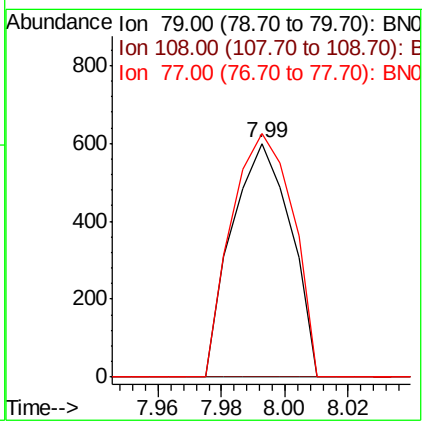


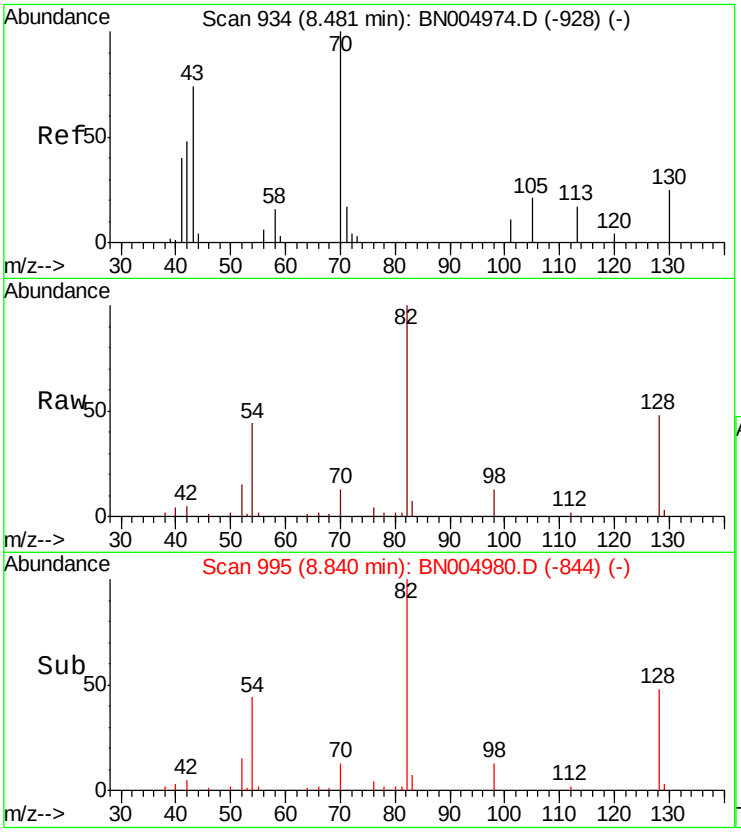


#15
Benzyl Alcohol
Concen: 1.366 ng
RT: 7.99 min Scan# 851
Delta R.T. 0.07 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Tgt Ion: 79 Resp: 772

Ion	Ratio	Lower	Upper
79	100		
108	0.0	64.0	96.0#
77	104.2	48.8	73.2#



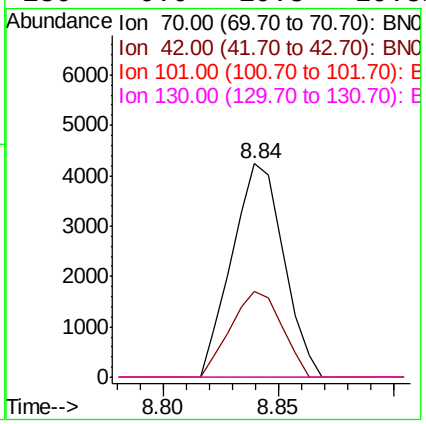


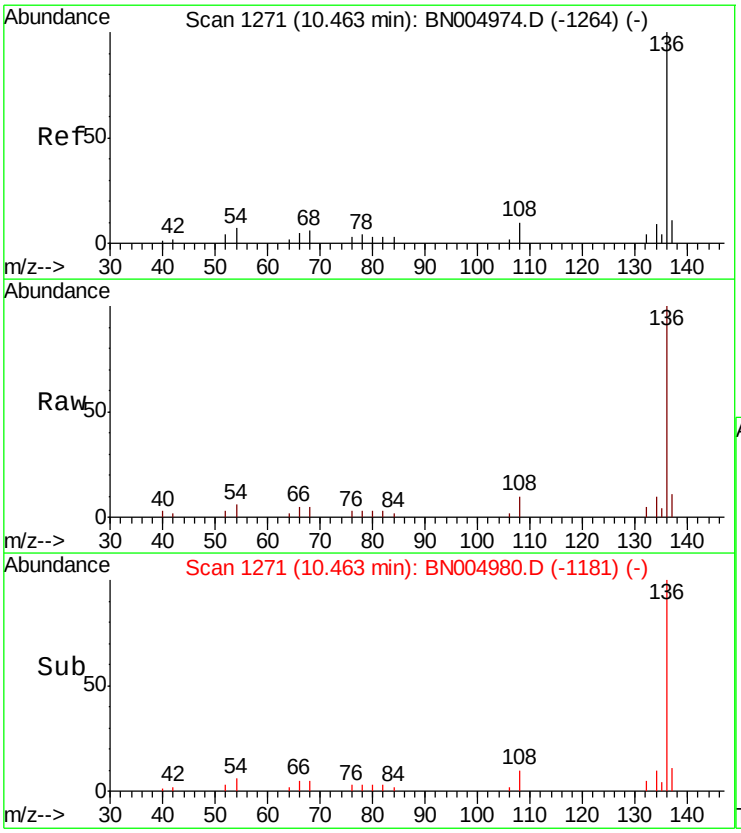
#19
n-Nitroso-di-n-propylamine
Concen: 13.626 ng
RT: 8.84 min Scan# 995
Delta R.T. 0.36 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Instrument :
BNA_N
ClientSampleId :
PB118273BL

Tgt Ion: 70 Resp: 6635

Ion	Ratio	Lower	Upper
70	100		
42	40.3	38.4	57.6
101	0.0	8.8	13.2#
130	0.0	19.8	29.8#

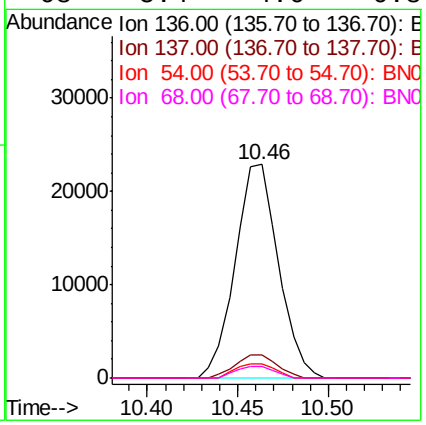


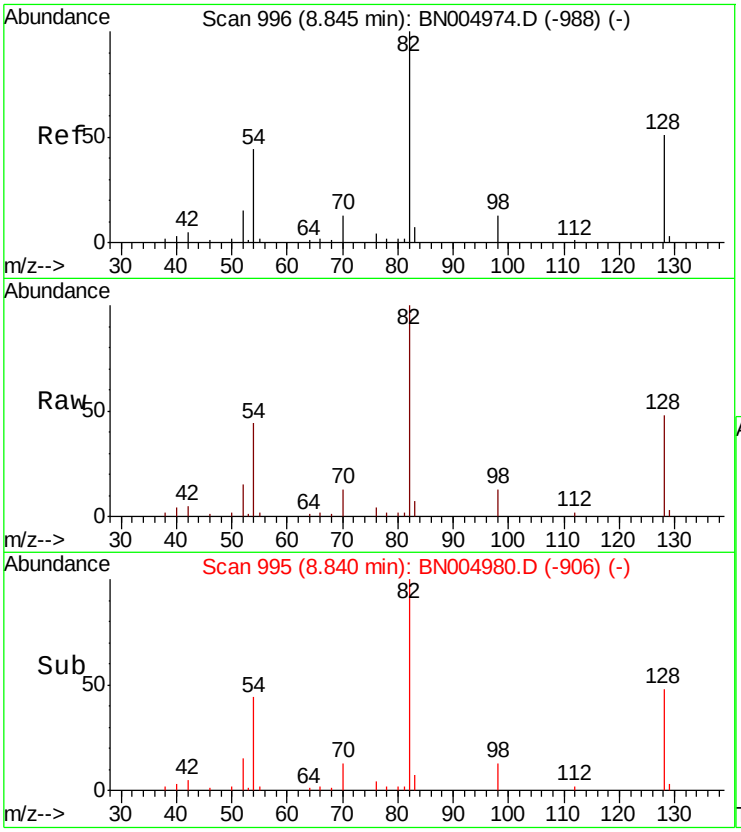


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Tgt Ion:136 Resp: 37983

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.5	5.3	7.9
68	5.4	4.6	6.8



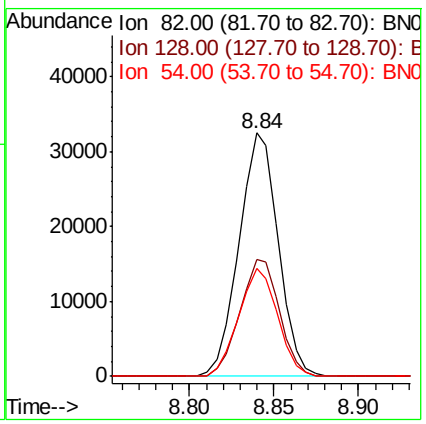


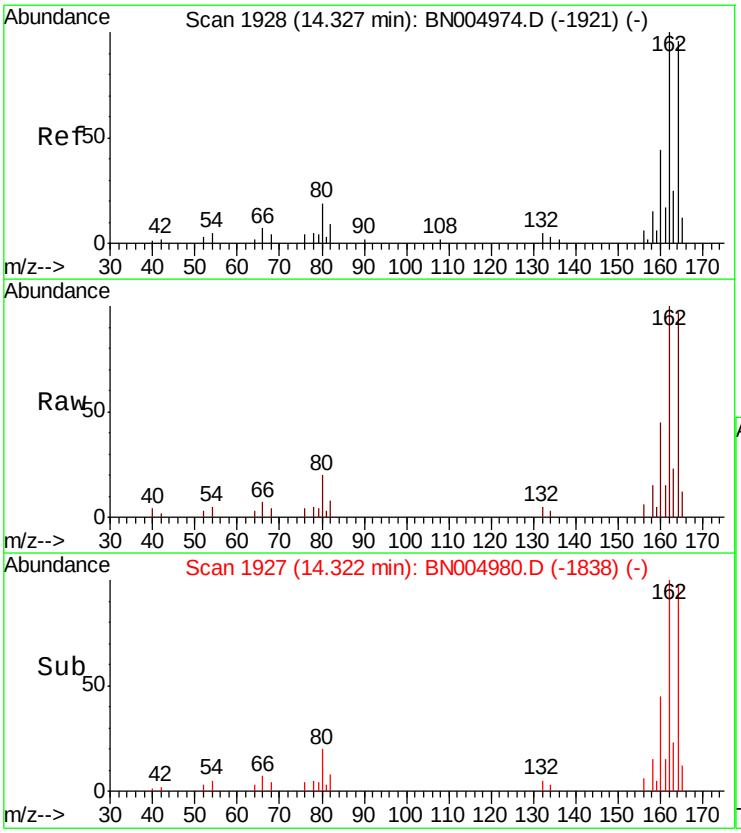
#23
Nitrobenzene-d5
Concen: 83.648 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Instrument :
BNA_N
ClientSampleId :
PB118273BL

Tgt Ion: 82 Resp: 52523

Ion	Ratio	Lower	Upper
82	100		
128	47.8	40.6	60.8
54	44.4	35.2	52.8

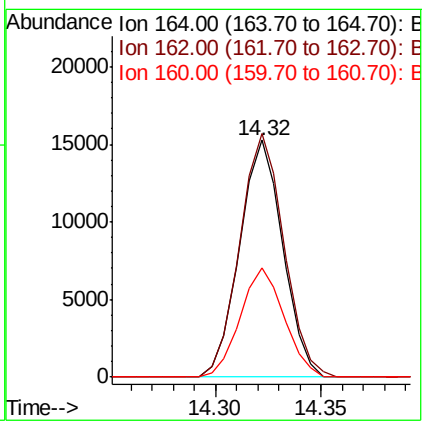


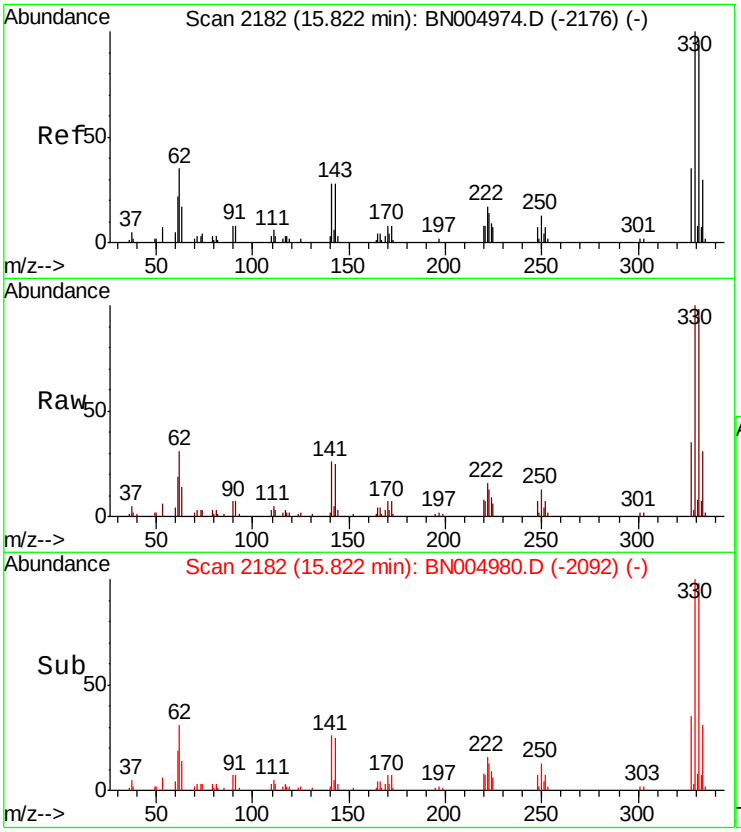


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Tgt Ion:164 Resp: 21601

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.4	125.0
160	45.9	36.6	55.0



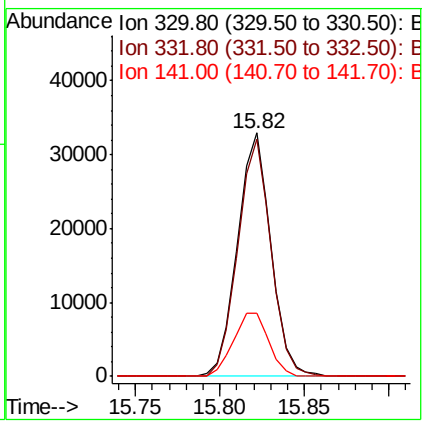


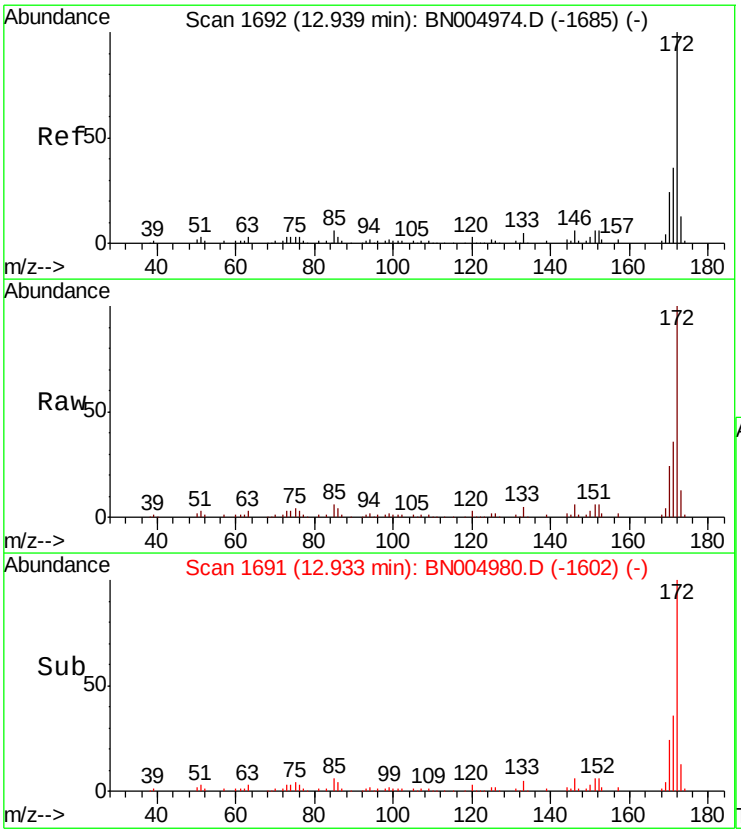
#42
2,4,6-Tribromophenol
Concen: 130.058 ng
RT: 15.82 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Instrument :
BNA_N
ClientSampleId :
PB118273BL

Tgt Ion:330 Resp: 45310

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	27.3	22.1	33.1

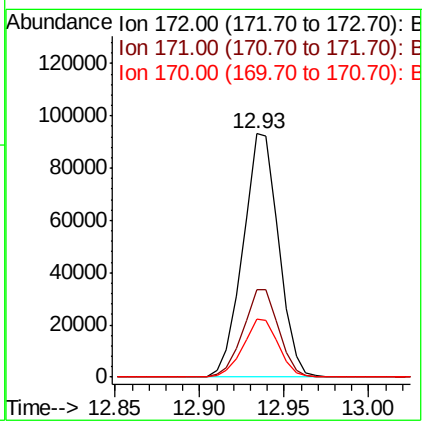


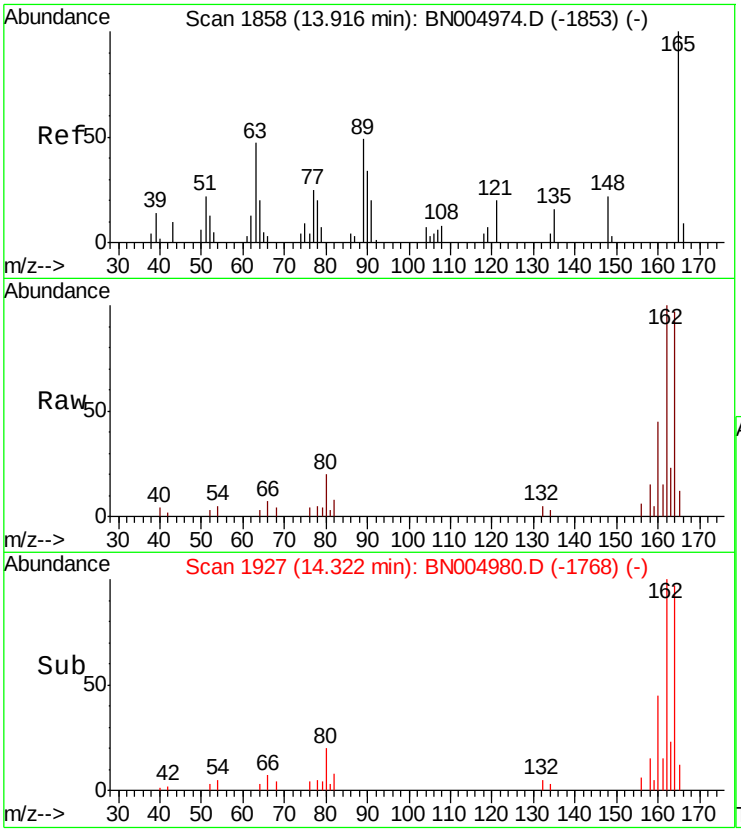


#45
2-Fluorobiphenyl
Concen: 84.001 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Tgt Ion:172 Resp: 136931

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.6	18.9	28.3



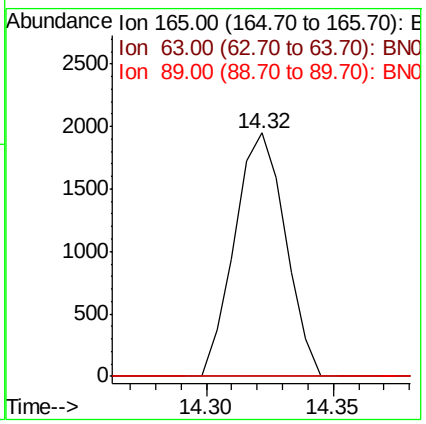


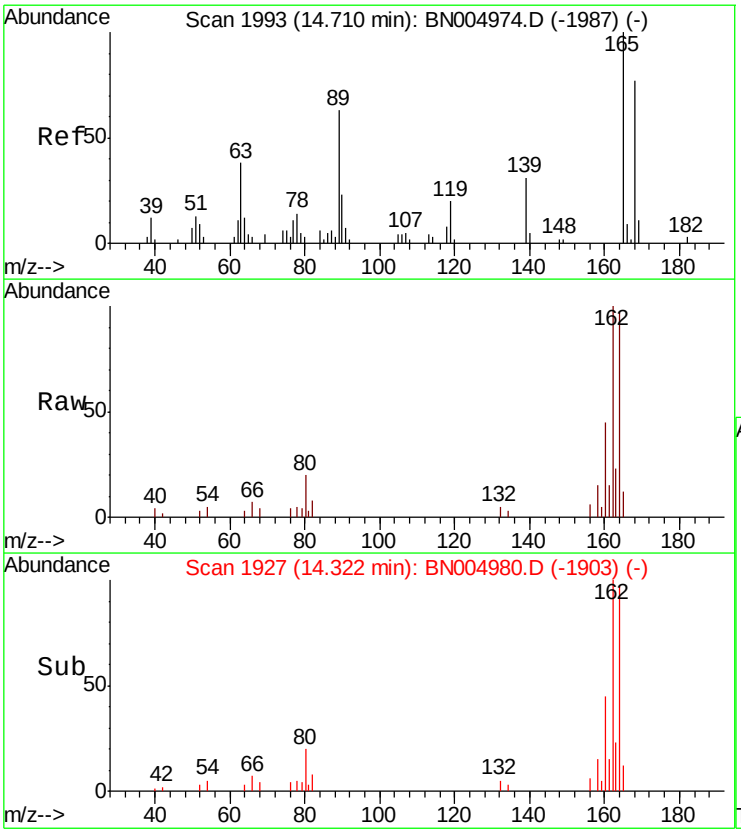
#51
2,6-Dinitrotoluene
Concen: 6.748 ng
RT: 14.32 min Scan# 1927
Delta R.T. 0.41 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Instrument :
BNA_N
ClientSampleId :
PB118273BL

Tgt Ion:165 Resp: 2725

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

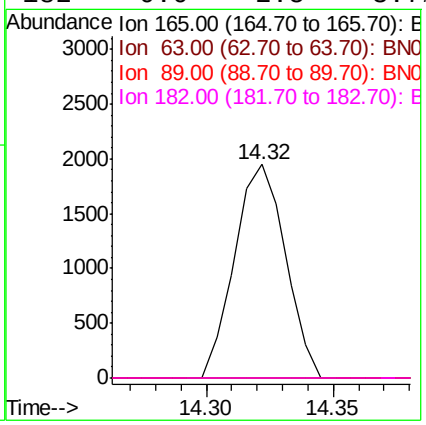


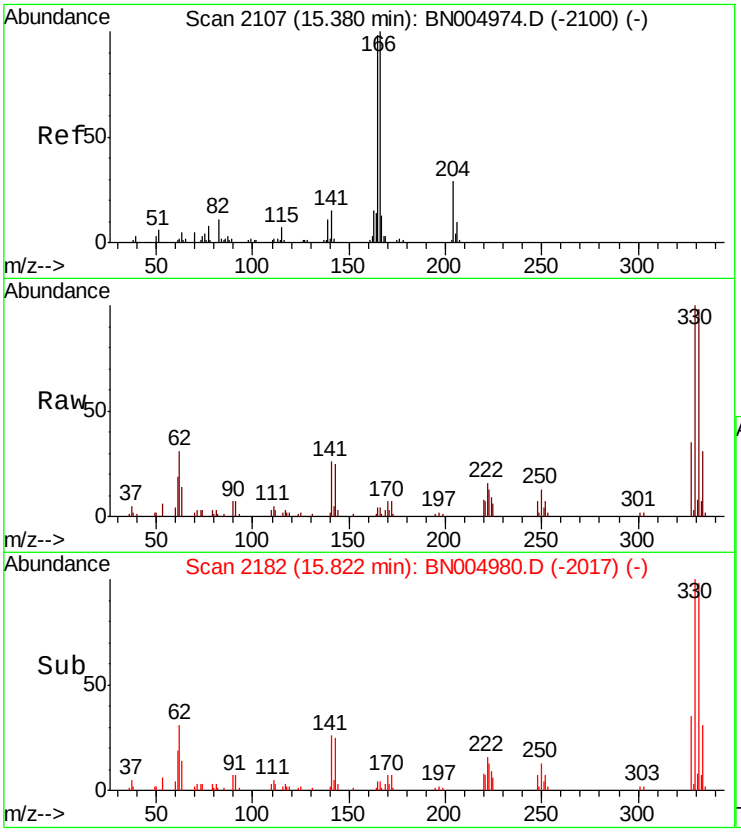


#57
2,4-Dinitrotoluene
Concen: 4.965 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.39 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Tgt Ion:165 Resp: 2725

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#



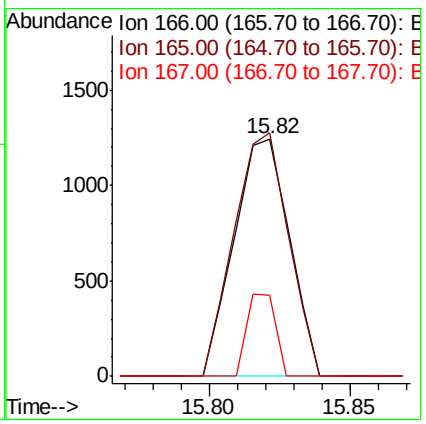


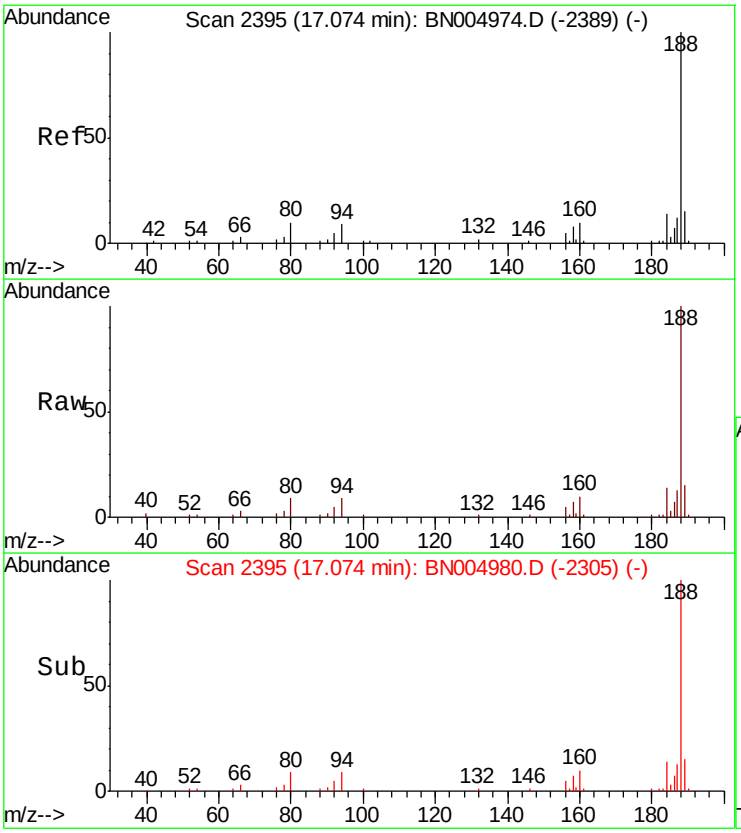
#58
Fluorene
Concen: 0.991 ng
RT: 15.82 min Scan# 2182
Delta R.T. 0.44 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Instrument :
BNA_N
ClientSampleId :
PB118273BL

Tgt Ion:166 Resp: 1691

Ion	Ratio	Lower	Upper
166	100		
165	102.4	78.3	117.5
167	33.9	10.6	15.8#

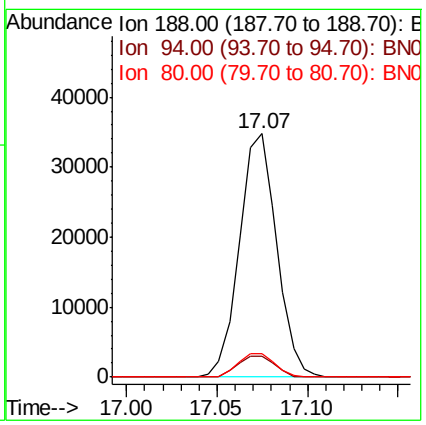


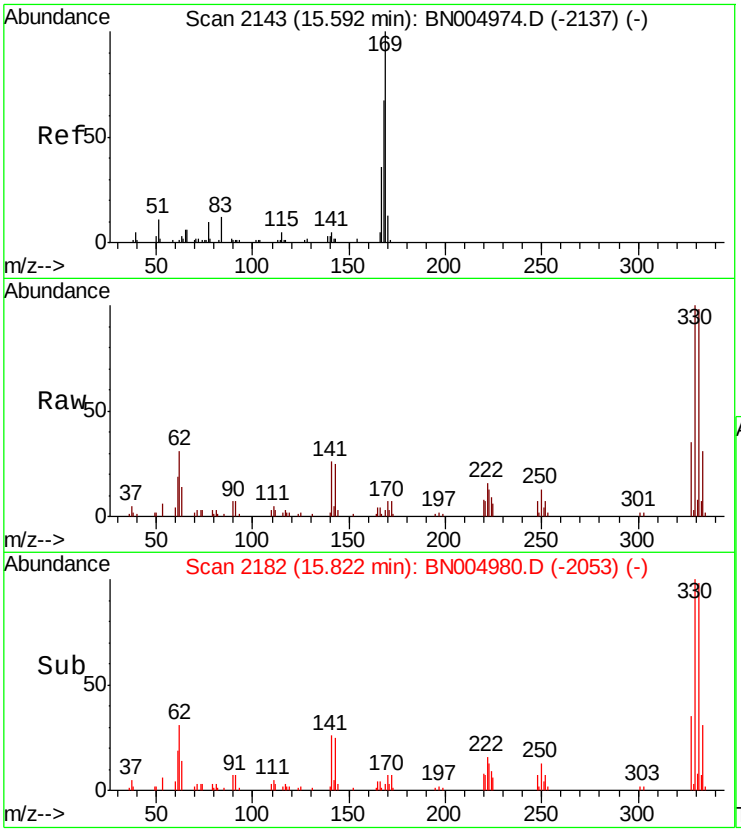


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Tgt Ion:188 Resp: 49604

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.4	7.8	11.6



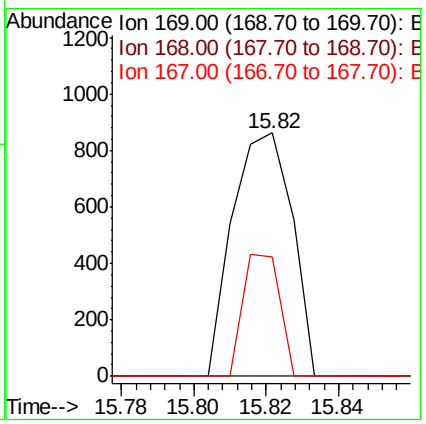


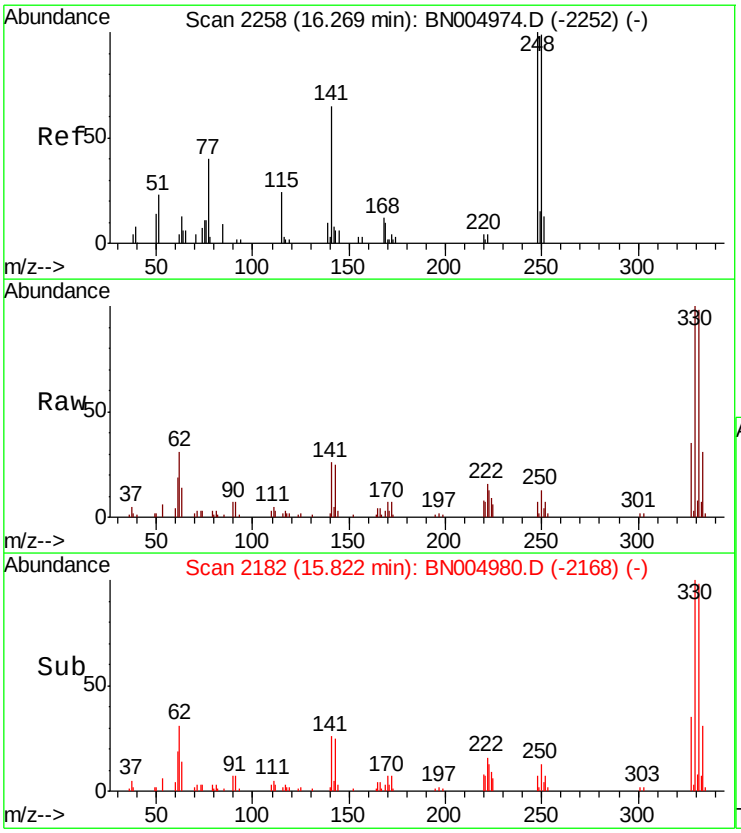
#66
n-Nitrosodiphenylamine
Concen: 0.628 ng
RT: 15.82 min Scan# 2182
Delta R.T. 0.23 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Instrument :
BNA_N
ClientSampleId :
PB118273BL

Tgt Ion:169 Resp: 981

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.4	80.2#
167	49.1	28.9	43.3#

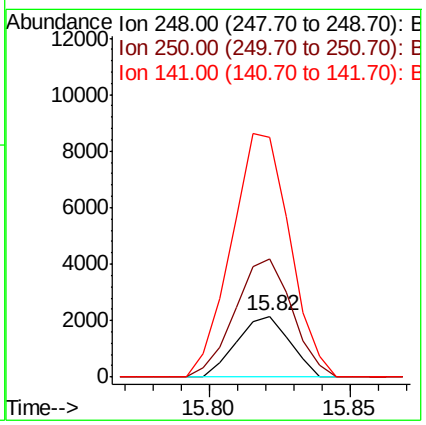


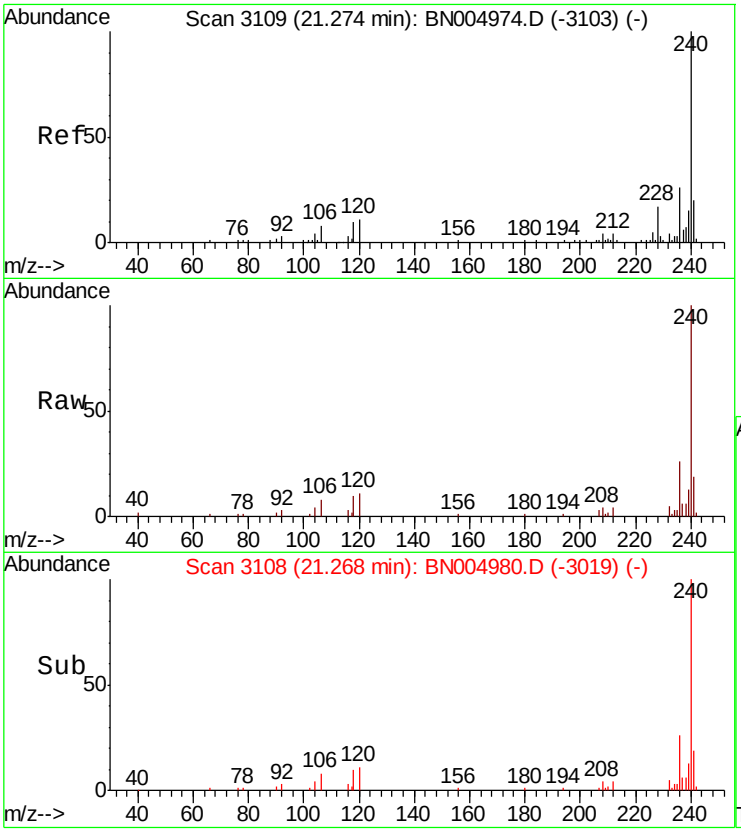


#67
4-Bromophenyl-phenylether
Concen: 4.541 ng
RT: 15.82 min Scan# 2182
Delta R.T. -0.45 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Tgt Ion:248 Resp: 2811

Ion	Ratio	Lower	Upper
248	100		
250	193.4	79.4	119.2#
141	393.0	52.3	78.5#



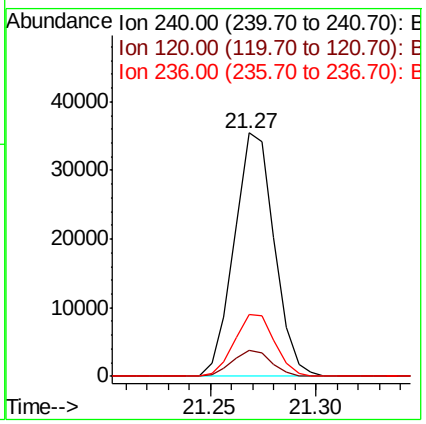


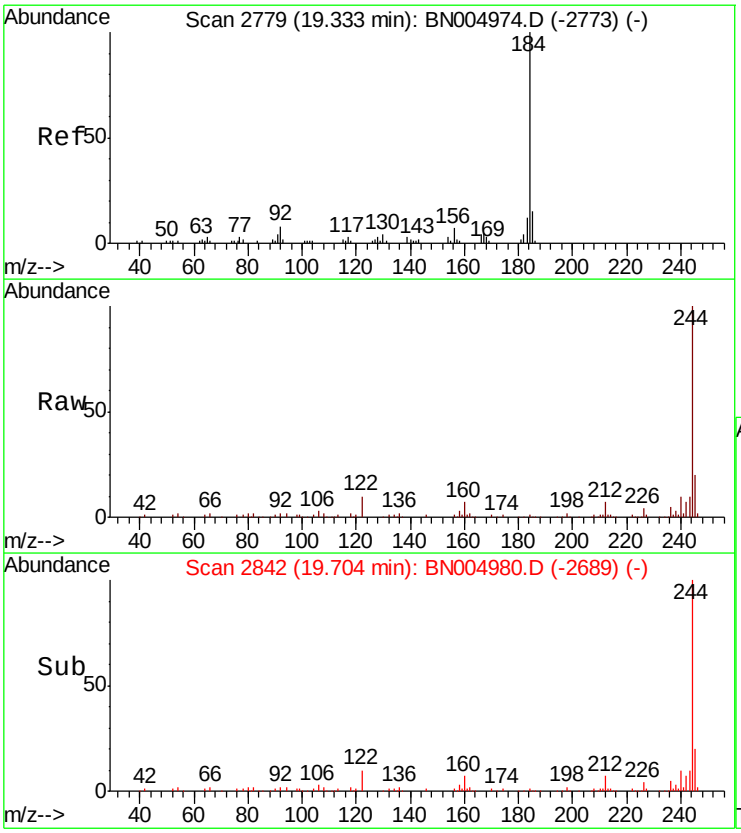
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Instrument :
BNA_N
ClientSampleId :
PB118273BL

Tgt Ion:240 Resp: 46598

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.5	12.7
236	25.6	21.2	31.8

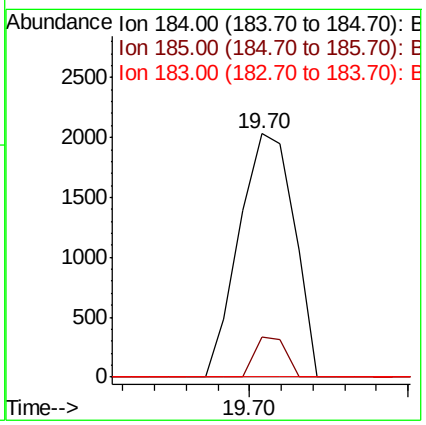


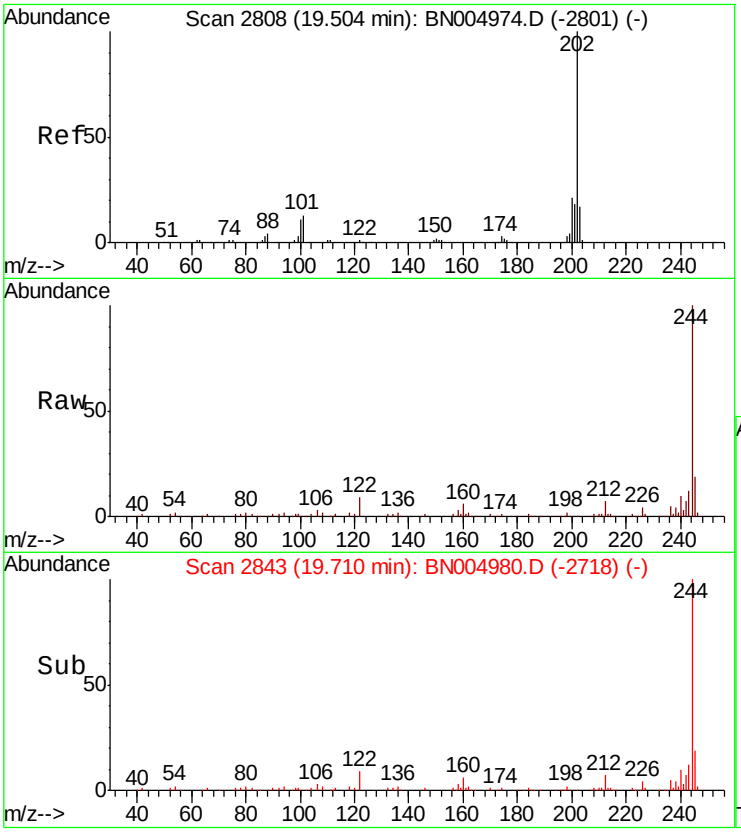


#77
Benzidine
Concen: 1.681 ng
RT: 19.70 min Scan# 2842
Delta R.T. 0.37 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Tgt Ion:184 Resp: 2441

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.8	17.8
183	0.0	9.9	14.9#



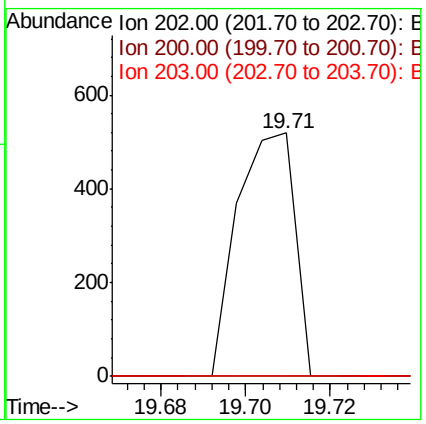


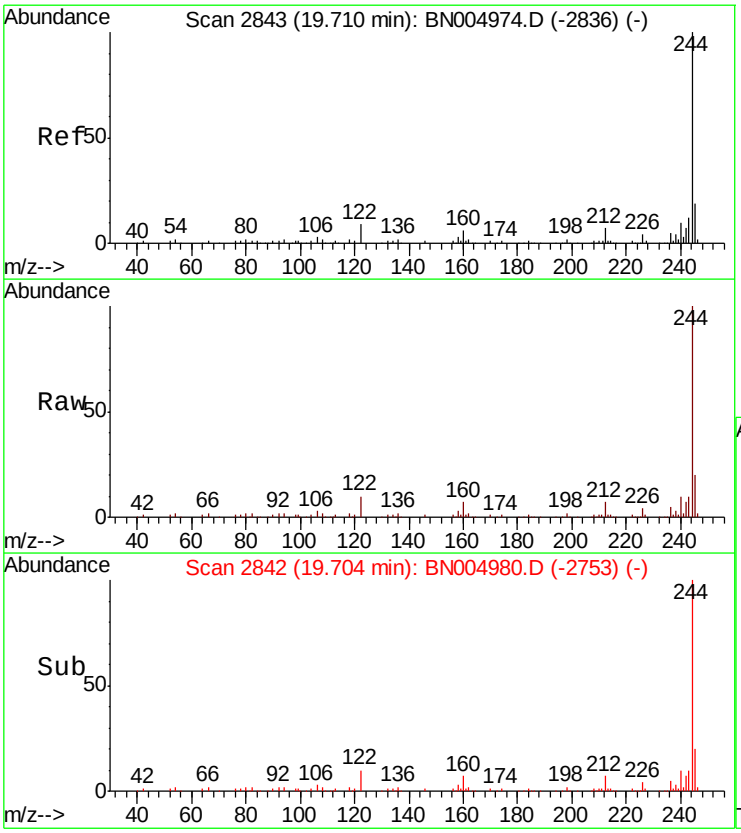
#78
Pyrene
Concen: 0.158 ng
RT: 19.71 min Scan# 2843
Delta R.T. 0.21 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Instrument :
BNA_N
ClientSampleId :
PB118273BL

Tgt Ion:202 Resp: 491

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.0	25.4#
203	0.0	14.0	21.0#

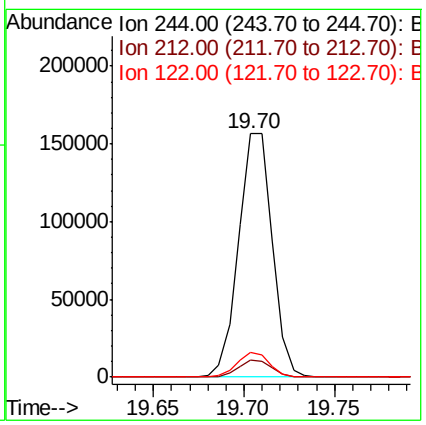


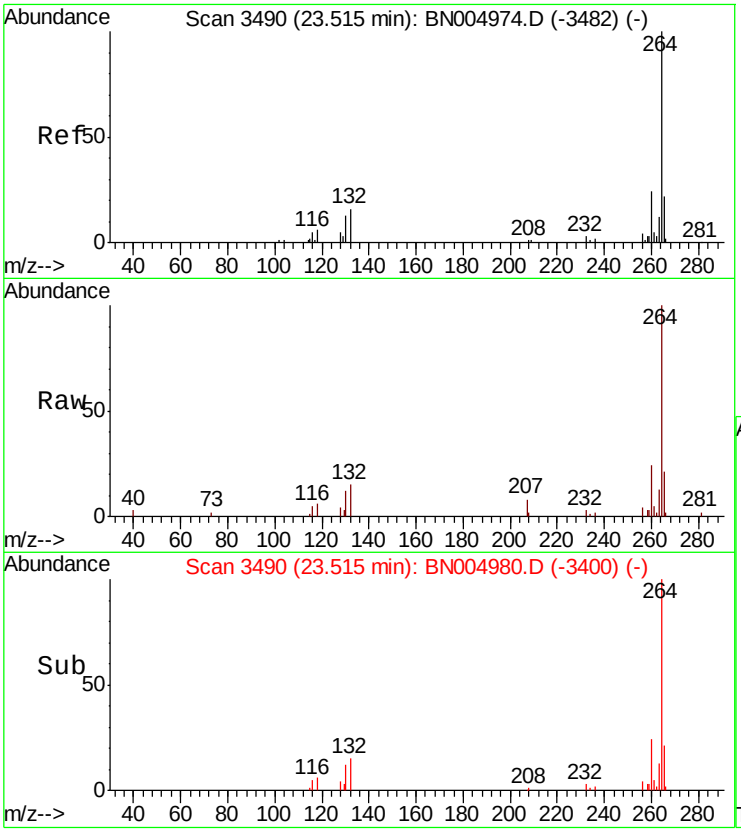


#79
Terphenyl-d14
Concen: 83.545 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Tgt Ion:244 Resp: 202210

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.3	7.4	11.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.52 min Scan# 3490
Delta R.T. 0.00 min
Lab File: BN004980.D
Acq: 26 Mar 2019 17:18

Instrument :
BNA_N
ClientSampleId :
PB118273BL

Tgt Ion:264 Resp: 42901

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	21.3	17.2	25.8