Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072618\
Data File : BN002173.D
Acq On : 26 Jul 2018 15:32
Operator : JU/SJ
Sample : J4086-01DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : 1524DL

Quant Time: Jul 27 01:52:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 26 18:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	223386	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	982028	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	548041	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1074876	20.00	ng		0.00
75) Chrysene-d12	21.27	240	839689	20.00	ng		0.00
86) Perylene-d12	23.49	264	817786	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	249004	17.95	ng		0.00
7) Phenol-d6	6.87	99	367621	18.88	ng		0.00
23) Nitrobenzene-d5	8.84	82	244433	12.76	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	150486	21.15	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	606828	14.42	ng		0.00
78) Terphenyl-d14	19.70	244	777254	19.31	ng		0.00
Target Compounds							Qvalue
8) 2-Chlorophenol	7.26	128	553910	34.421	ng		93
10) Phenol	6.90	94	581854	29.152	ng		98
13) 1,4-Dichlorobenzene	7.73	146	154802	8.251	ng		97
14) 1,2-Dichlorobenzene	8.03	146	147235	8.135	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	494420	18.847	ng		94
17) 2-Methylphenol	8.13	107	533927	39.184	ng		96
18) Hexachloroethane	8.76	117	111484	16.236	ng		87
19) n-Nitroso-di-n-propylamine	8.49	70	337541	23.899	ng	#	97
25) Isophorone	9.40	82	1167302	35.502	ng		96
26) 2-Nitrophenol	9.59	139	76798	8.011	ng		96
29) 2,4-Dichlorophenol	10.12	162	389971	25.083	ng		95
31) Naphthalene	10.51	128	436424	8.806	ng		97
34) Hexachlorobutadiene	10.80	225	153615	14.247	ng		97
42) 2,4,6-Trichlorophenol	12.75	196	360863	29.187	ng		99
43) 2,4,5-Trichlorophenol	12.82	196	271054	20.696	ng		97
46) 2-Chloronaphthalene	13.19	162	1339939	35.996	ng		99
48) Acenaphthylene	14.04	152	1943673	34.409	ng		98
49) Dimethylphthalate	13.78	163	349208	7.671	ng		100
50) 2,6-Dinitrotoluene	13.90	165	329213	32.551	ng		90
51) Acenaphthene	14.39	154	1262378	37.101	ng		99
54) Dibenzofuran	14.72	168	2286268	41.443	ng		96
57) Fluorene	15.37	166	1817428	43.709	ng		95
59) Diethylphthalate	15.15	149	1871635	40.393	ng		98
66) 4-Bromophenyl-phenylether	16.26	248	311912	24.788	ng	#	90
69) Pentachlorophenol	16.72	266	127588	14.241	ng		99
70) Phenanthrene	17.11	178	2015903	34.359	ng		100
71) Anthracene	17.20	178	671739	11.567	ng		97
79) Butylbenzylphthalate	20.41	149	682165	27.063	ng		92
80) Benzo(a)anthracene	21.25	228	1435277	28.044	ng		98
83) Bis(2-ethylhexyl)phthalate	21.19	149	791305	22.512	ng		96
84) Di-n-octyl phthalate	22.07	149	891374	15.993	ng		98
85) Indeno(1,2,3-cd)pyrene	25.72	276	569543	11.988	ng	#	93
87) Benzo(b)fluoranthene	22.83	252	1080717	22.392	ng		98
88) Benzo(k)fluoranthene	22.87	252	2152602	45.287	ng	#	98

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
89) Benzo(a)pyrene	23.40	252	2112822	46.874	ng		97
90) Dibenzo(a,h)anthracene	25.73	278	616810	14.575	ng	#	95

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

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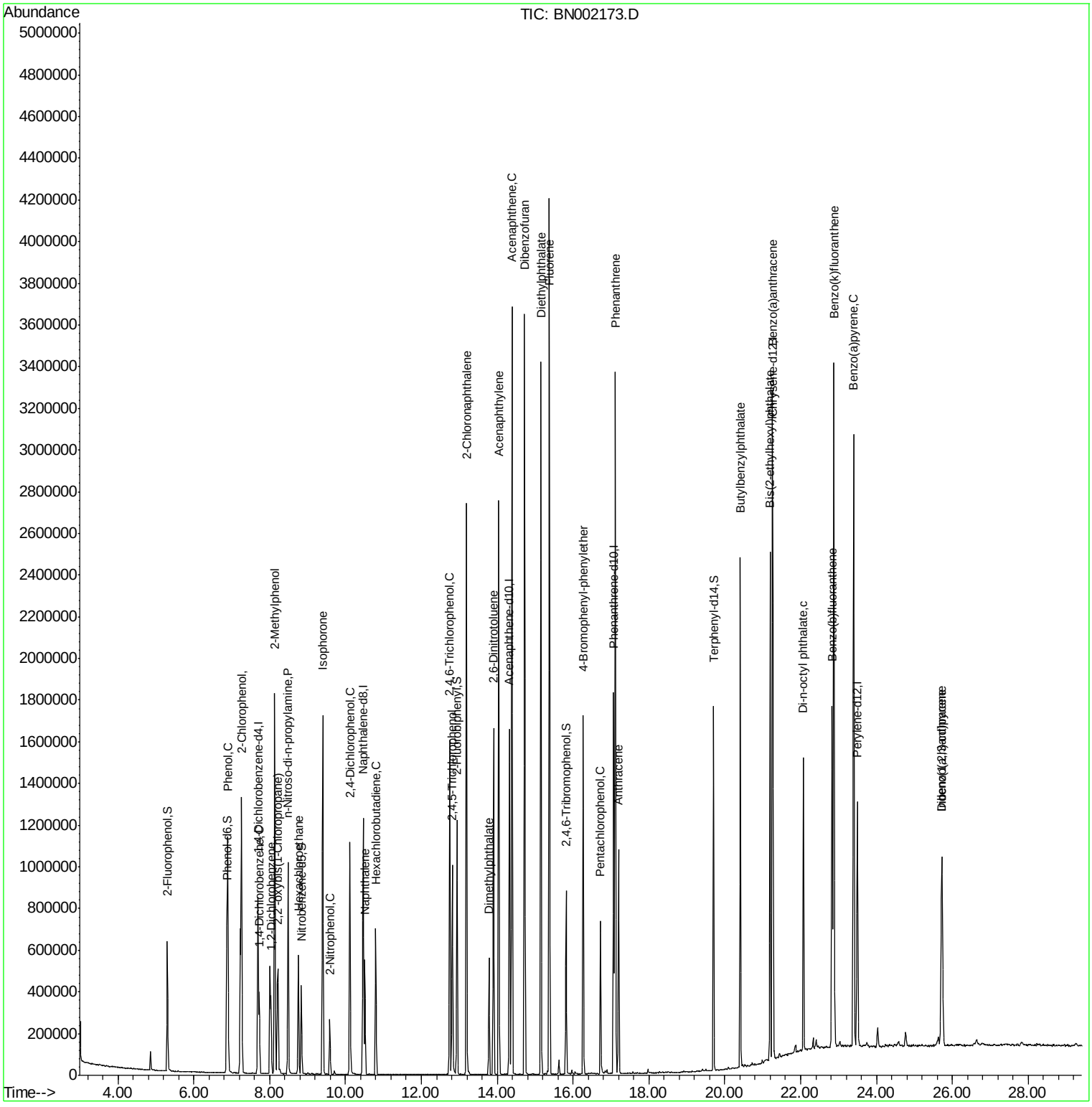
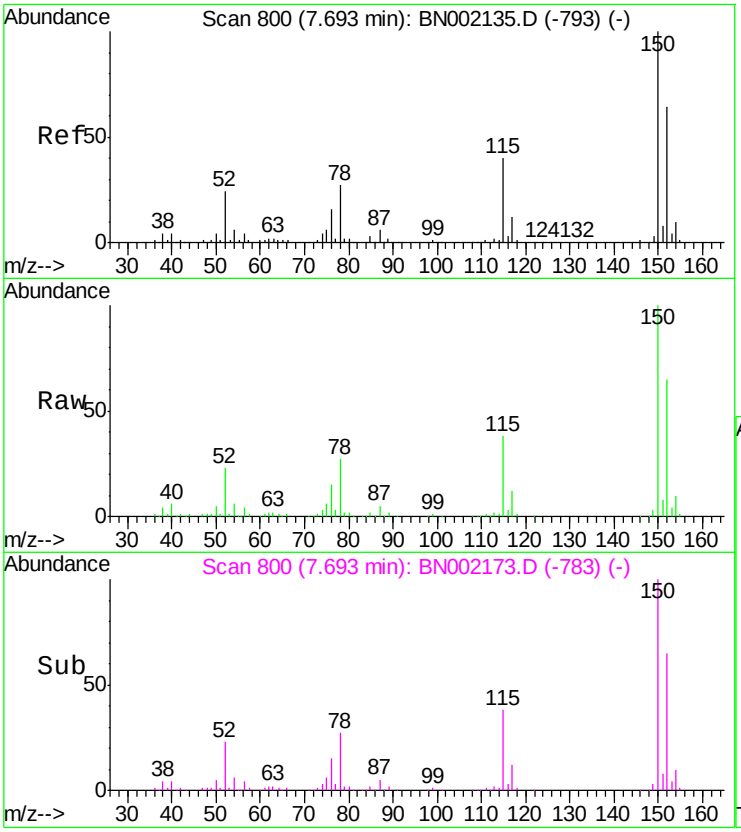


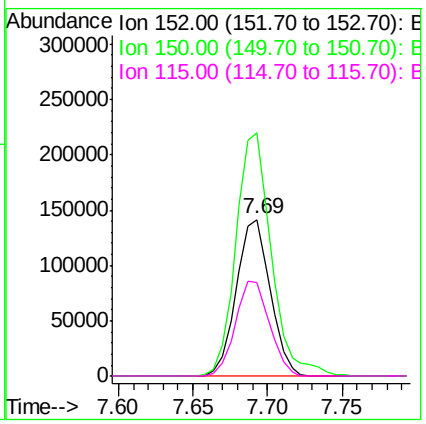


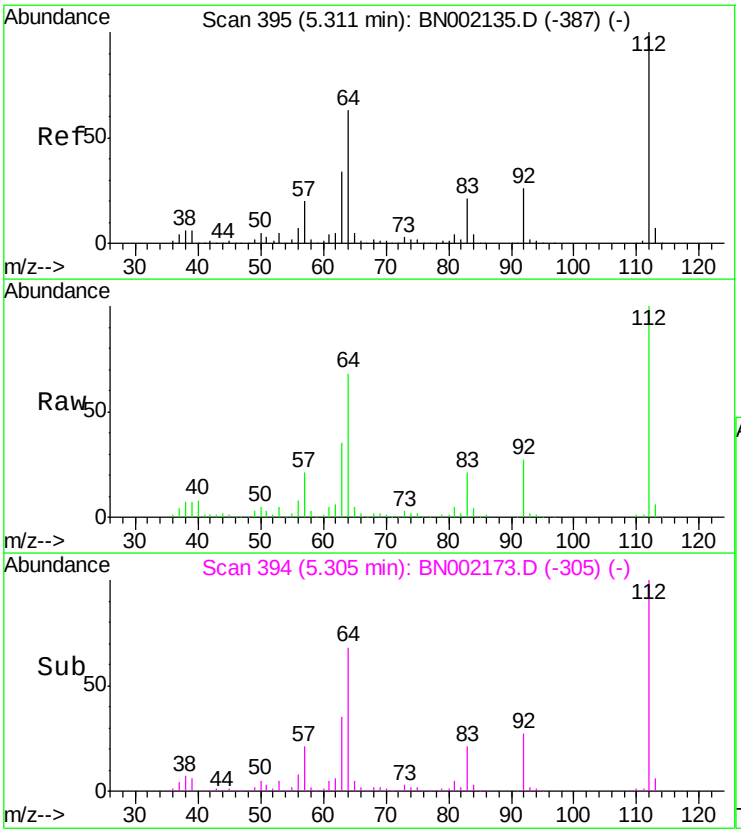
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 800
Delta R.T. 0.00 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:152 Resp: 223386

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.6	189.8
115	59.5	53.0	79.4

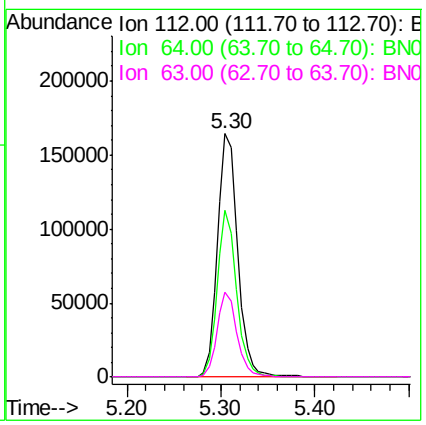


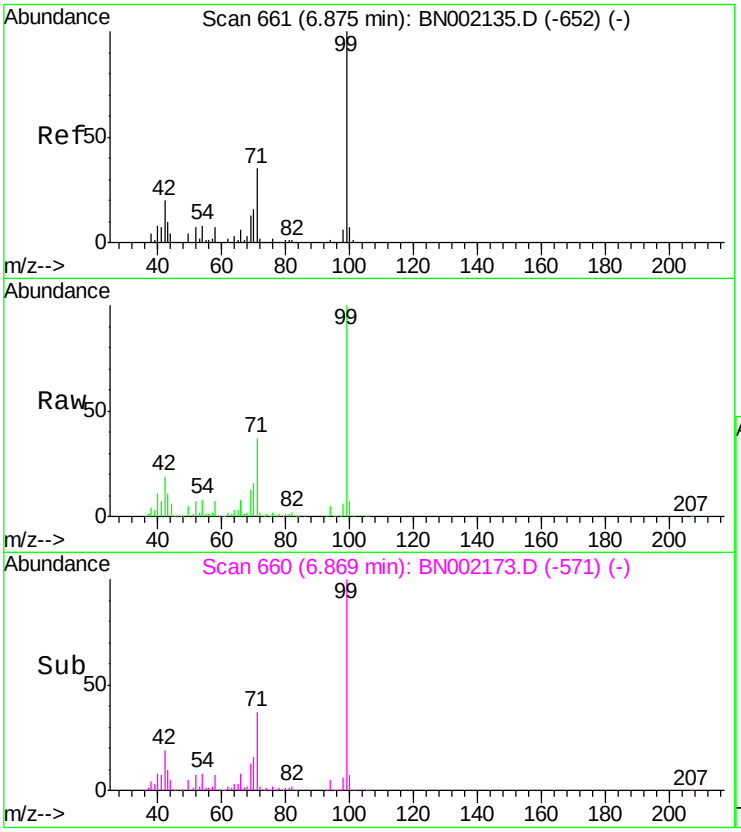


#5
2-Fluorophenol
Concen: 17.946 ng
RT: 5.30 min Scan# 394
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:112 Resp: 249004

Ion	Ratio	Lower	Upper
112	100		
64	68.3	56.3	84.5
63	34.7	30.1	45.1



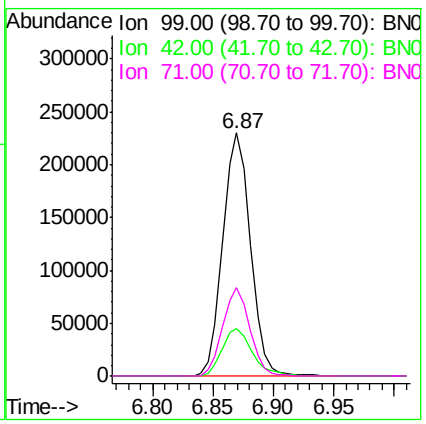


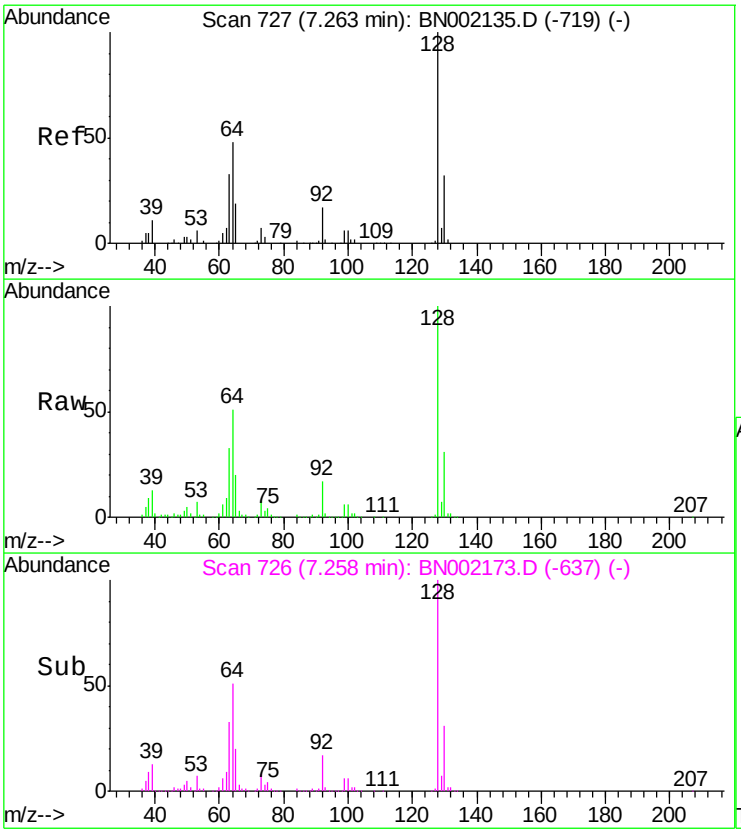
#7
Phenol-d6
Concen: 18.880 ng
RT: 6.87 min Scan# 660
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion: 99 Resp: 367621

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.1	21.1
71	36.5	26.1	39.1

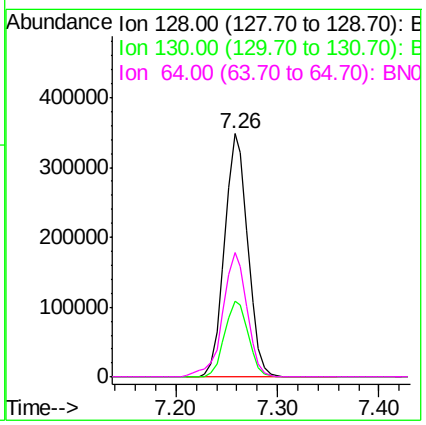


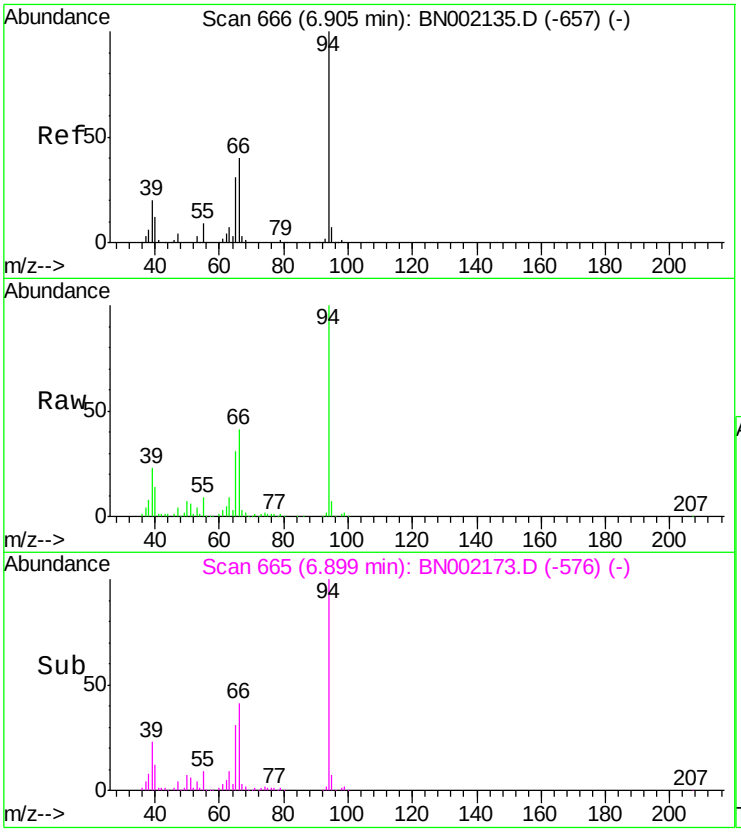


#8
2-Chlorophenol
Concen: 34.421 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:128 Resp: 553910

Ion	Ratio	Lower	Upper
128	100		
130	31.4	14.0	54.0
64	51.4	37.7	77.7



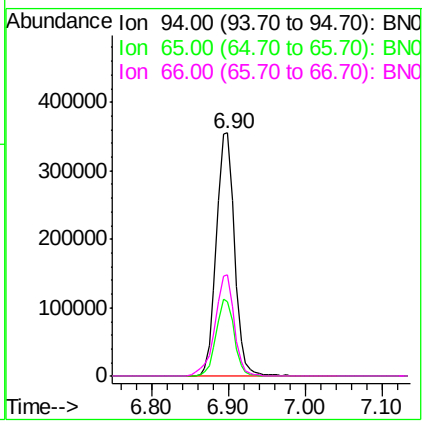


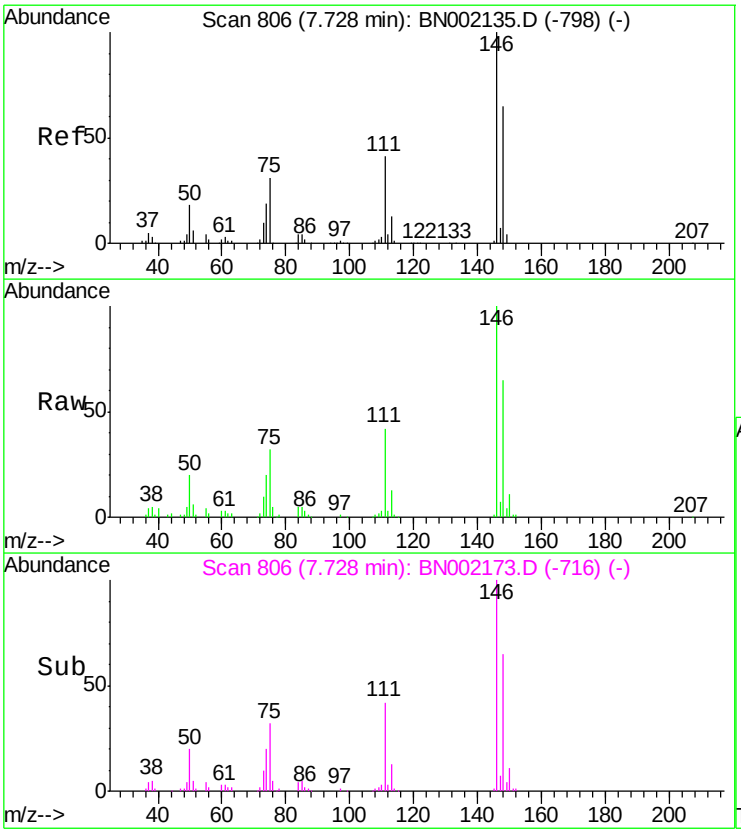
#10
Phenol
Concen: 29.152 ng
RT: 6.90 min Scan# 665
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion: 94 Resp: 581854

Ion	Ratio	Lower	Upper
94	100		
65	30.8	11.9	51.9
66	41.4	22.2	62.2

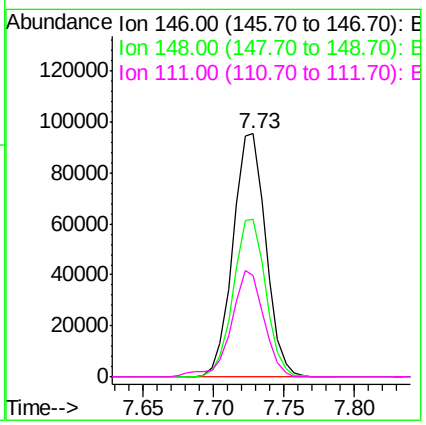


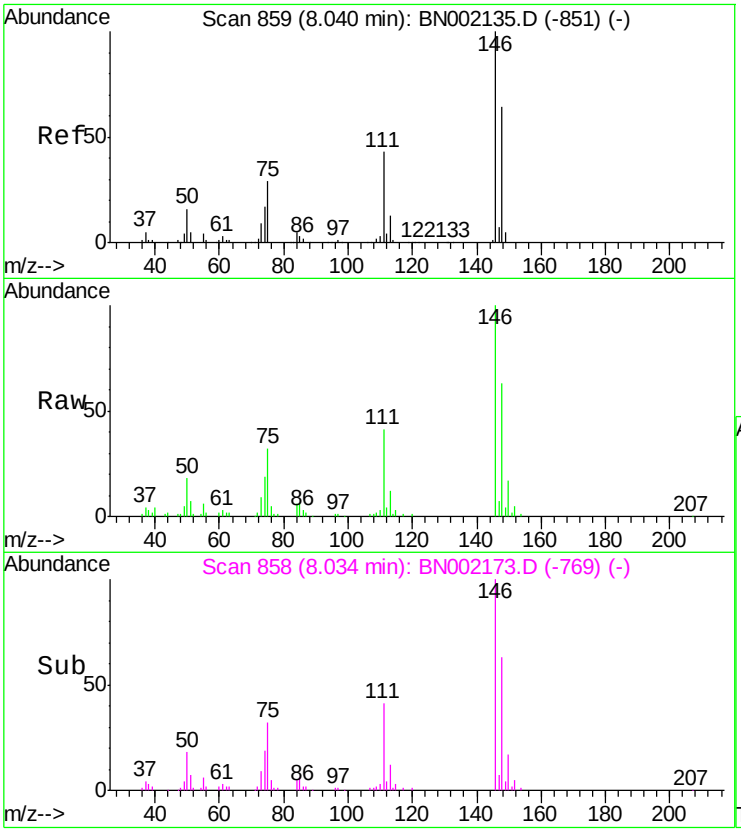


#13
1,4-Dichlorobenzene
Concen: 8.251 ng
RT: 7.73 min Scan# 806
Delta R.T. 0.00 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:146 Resp: 154802

Ion	Ratio	Lower	Upper
146	100		
148	64.8	53.7	80.5
111	41.8	35.2	52.8



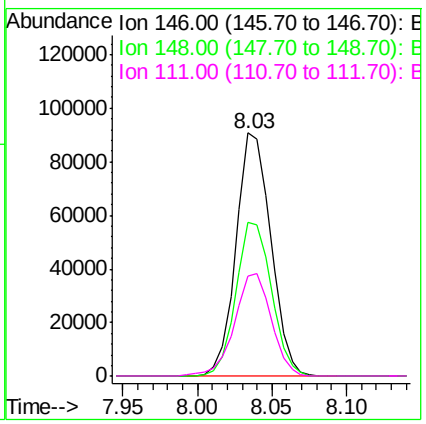


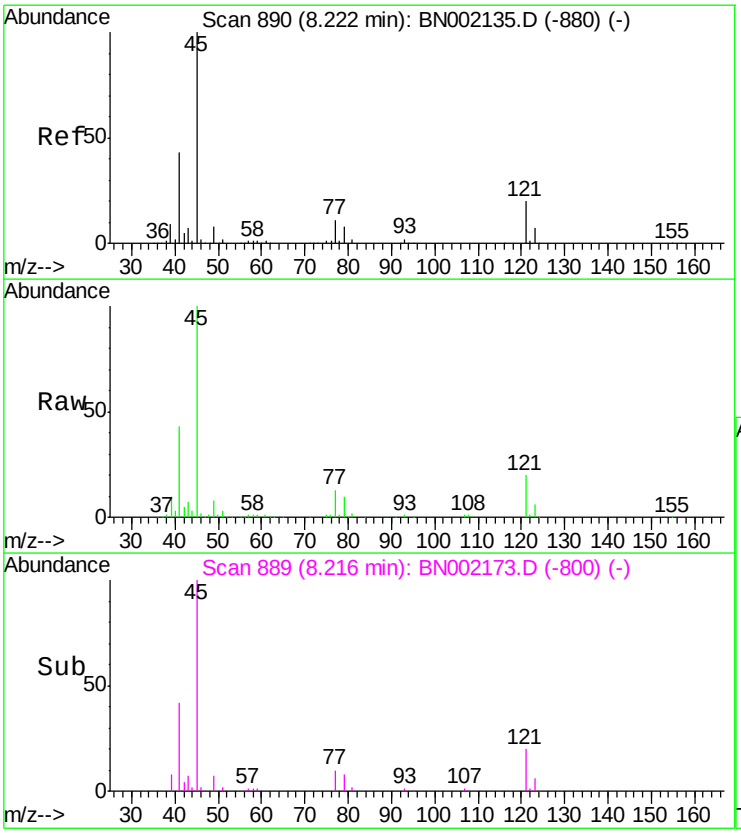
#14
1,2-Dichlorobenzene
Concen: 8.135 ng
RT: 8.03 min Scan# 858
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:146 Resp: 147235

Ion	Ratio	Lower	Upper
146	100		
148	63.2	49.3	73.9
111	41.3	34.3	51.5

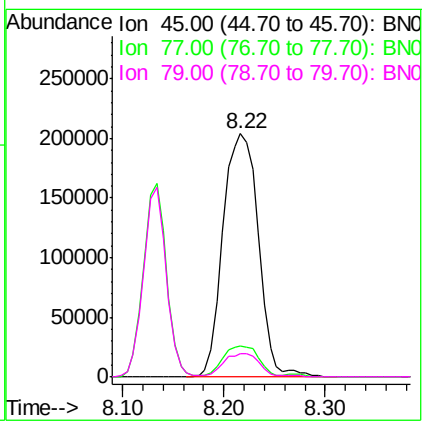


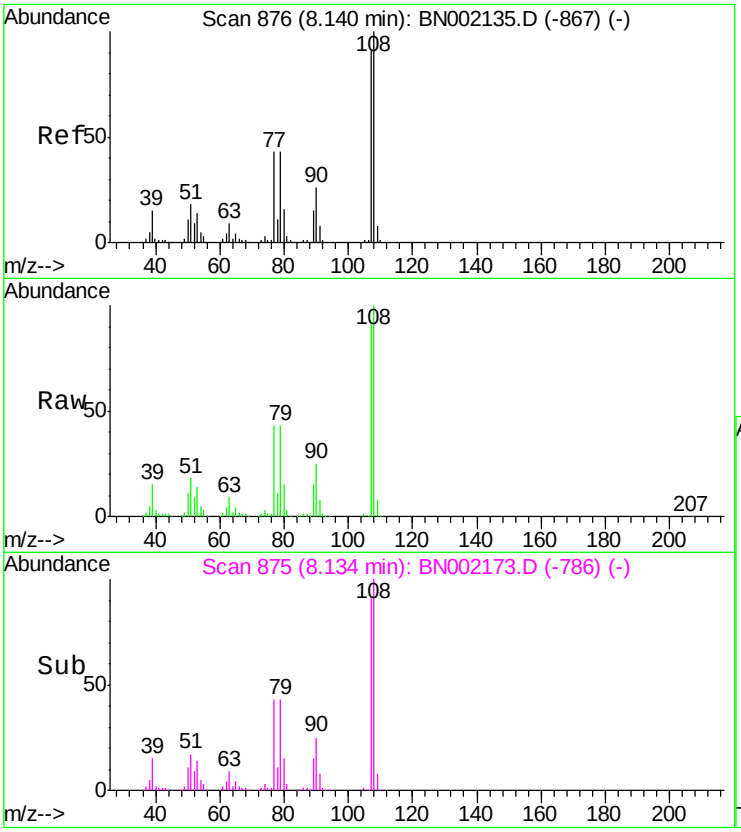


#16
2,2'-oxybis(1-Chloropropane)
Concen: 18.847 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion: 45 Resp: 494420

Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	30.2
79	9.5	0.0	27.9



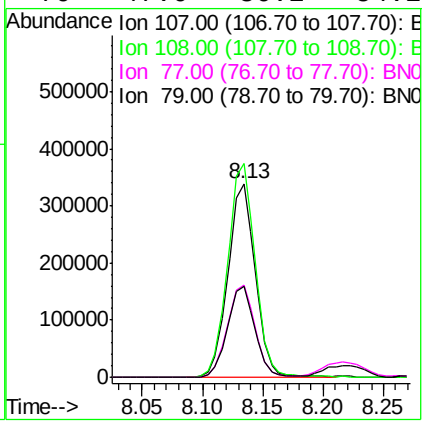


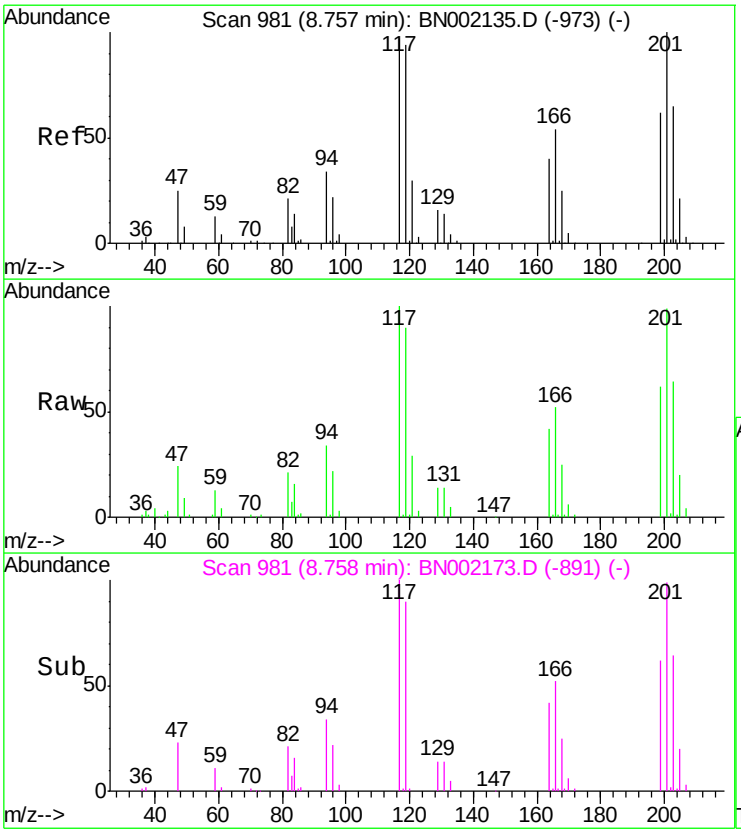
#17
2-Methylphenol
Concen: 39.184 ng
RT: 8.13 min Scan# 875
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:107 Resp: 533927

Ion	Ratio	Lower	Upper
107	100		
108	110.4	83.9	125.9
77	48.0	37.2	55.8
79	47.0	36.2	54.2

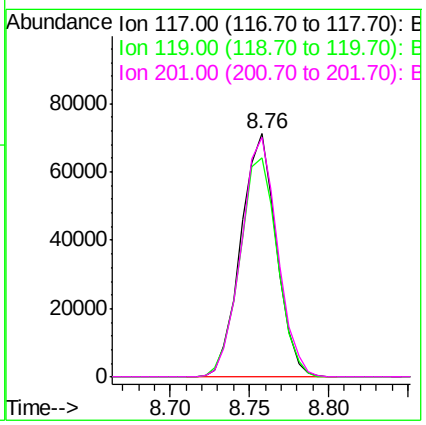


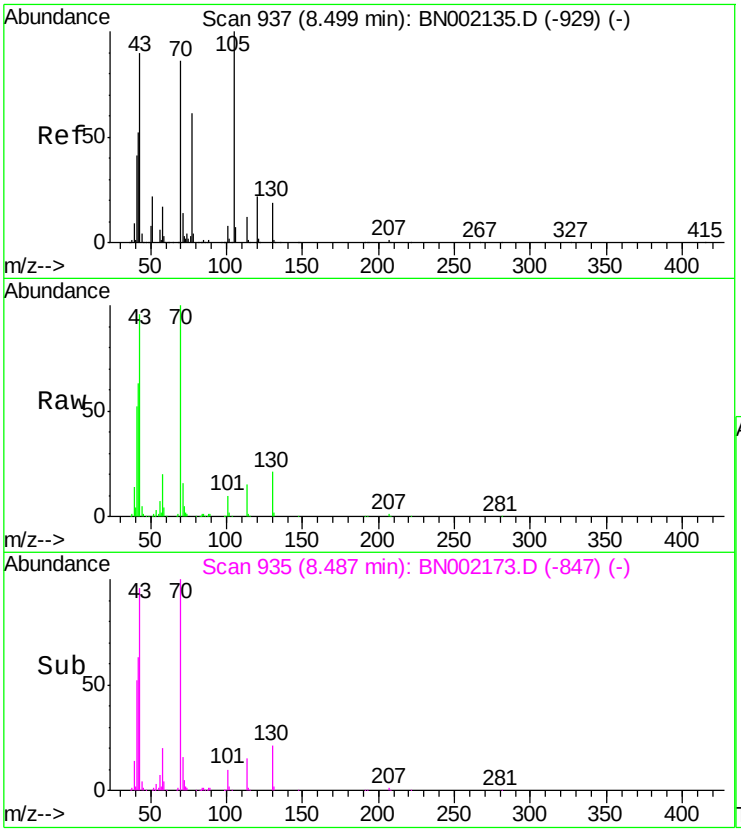


#18
Hexachloroethane
Concen: 16.236 ng
RT: 8.76 min Scan# 981
Delta R.T. 0.00 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:117 Resp: 111484

Ion	Ratio	Lower	Upper
117	100		
119	90.0	76.7	115.1
201	98.6	95.7	143.5



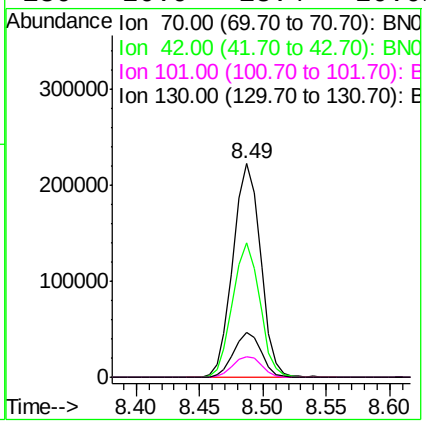


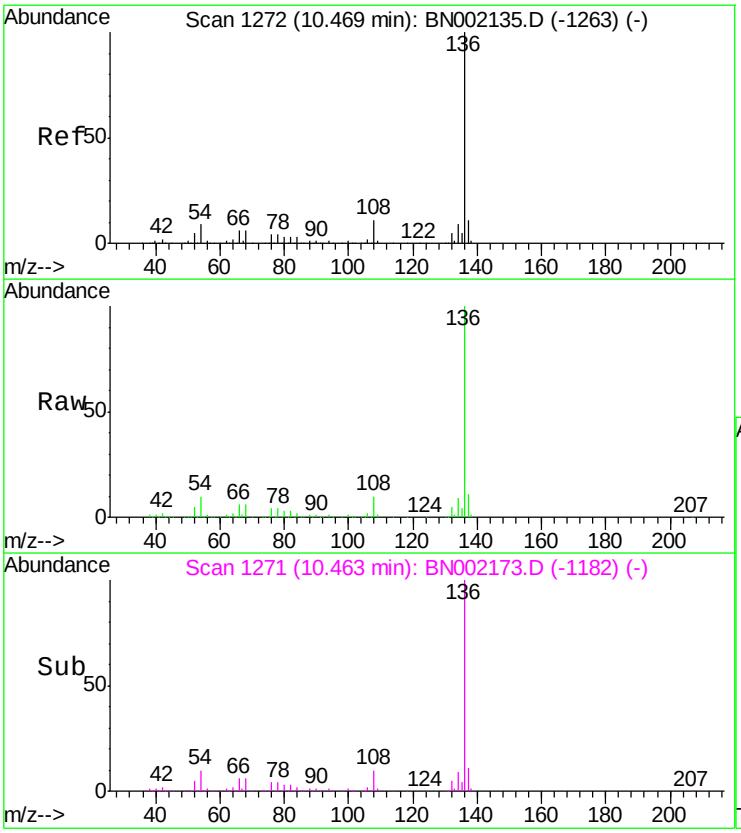
#19
n-Nitroso-di-n-propylamine
Concen: 23.899 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion: 70 Resp: 337541

Ion	Ratio	Lower	Upper
70	100		
42	62.8	49.1	73.7
101	9.7	8.5	12.7
130	20.9	13.4	20.0#

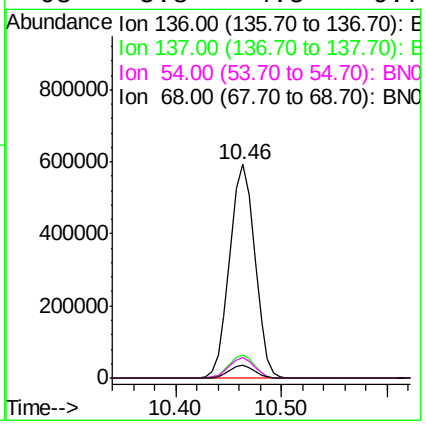


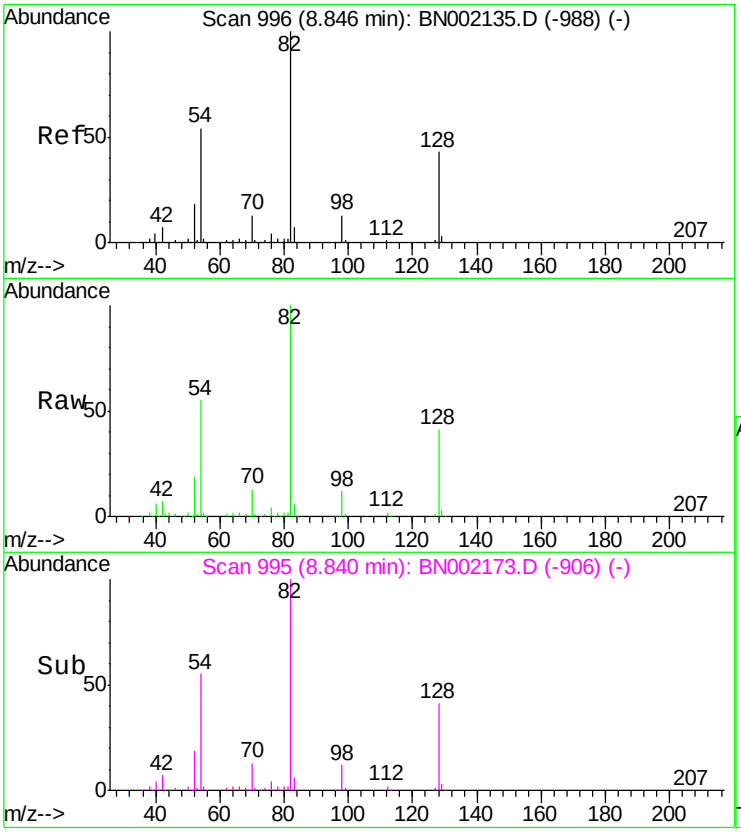


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:136 Resp: 982028

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	9.6	10.3	15.5#
68	5.8	4.5	6.7



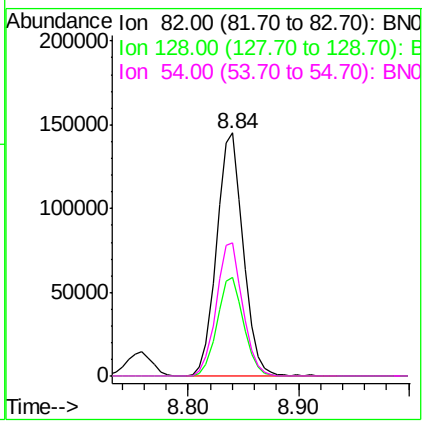


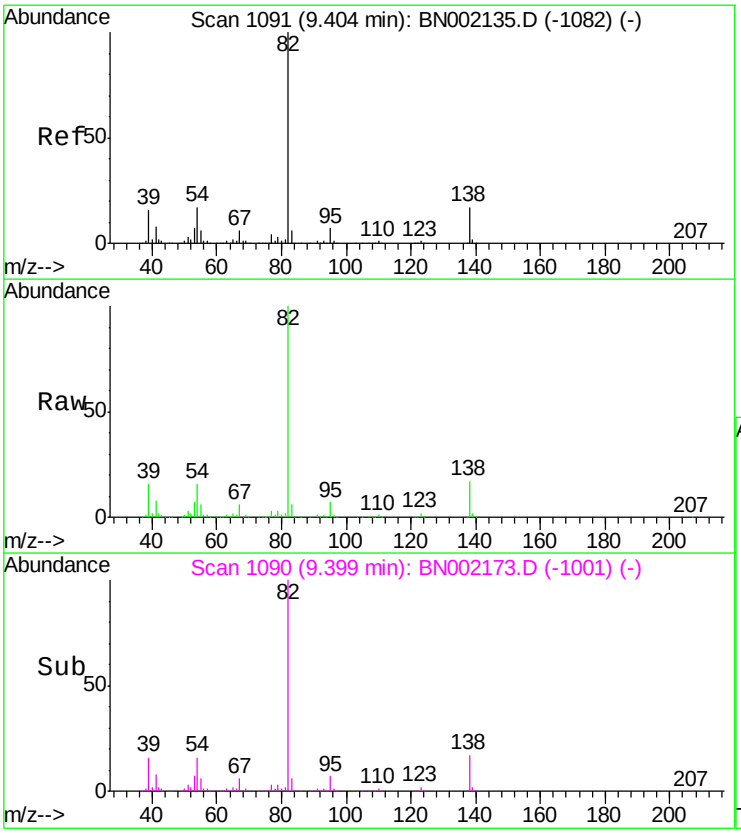
#23
Nitrobenzene-d5
Concen: 12.765 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion: 82 Resp: 244433

Ion	Ratio	Lower	Upper
82	100		
128	40.6	29.7	44.5
54	54.6	43.1	64.7

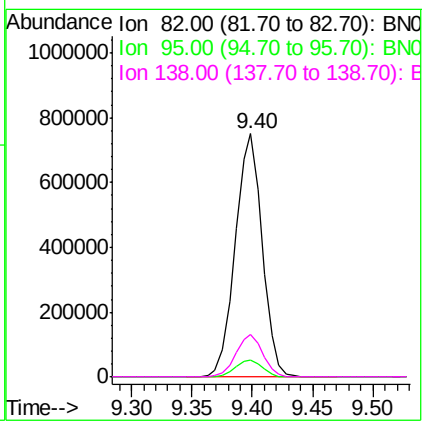


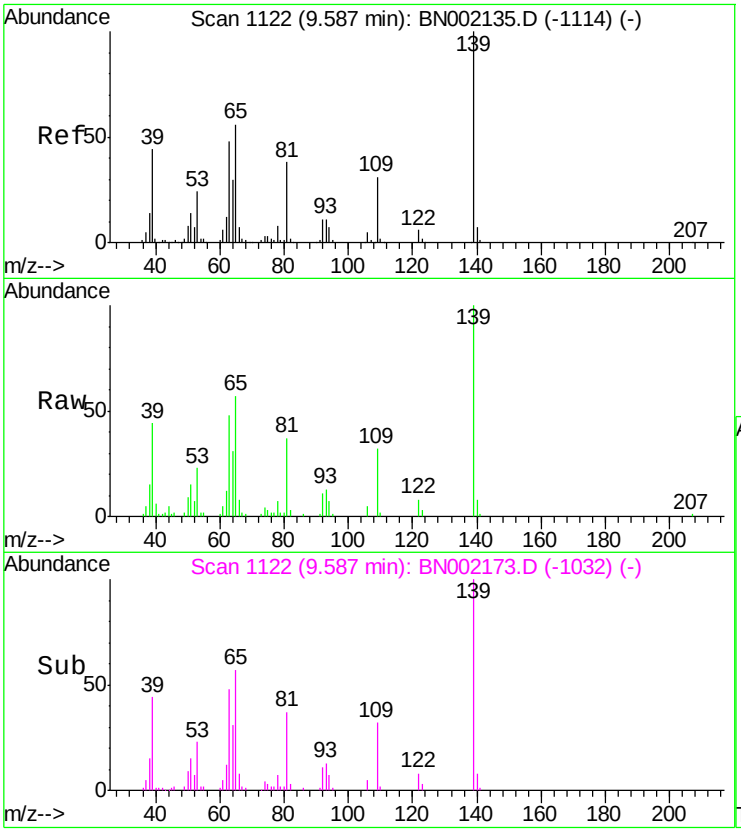


#25
Isophorone
Concen: 35.502 ng
RT: 9.40 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion: 82 Resp: 1167302

Ion	Ratio	Lower	Upper
82	100		
95	7.0	6.2	9.2
138	17.4	12.1	18.1



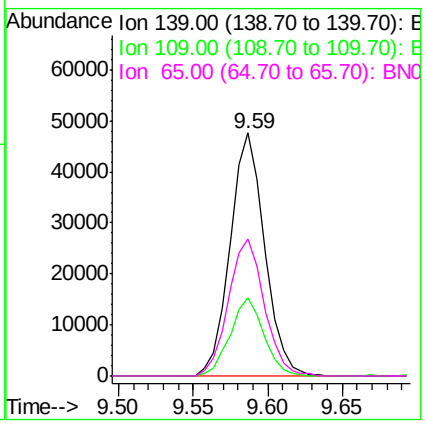


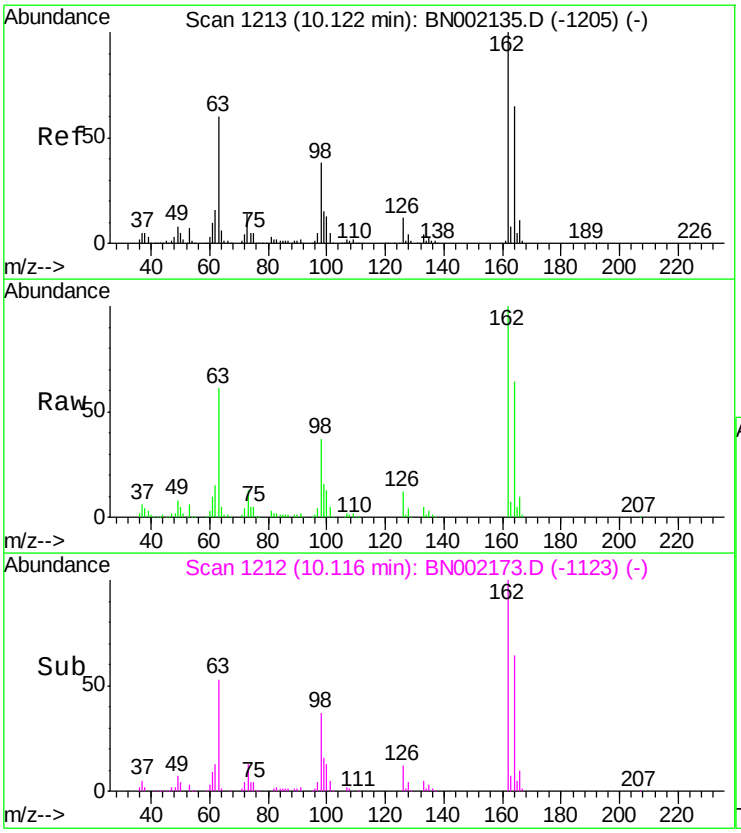
#26
2-Nitrophenol
Concen: 8.011 ng
RT: 9.59 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:139 Resp: 76798

Ion	Ratio	Lower	Upper
139	100		
109	32.2	24.2	36.2
65	56.6	47.4	71.0

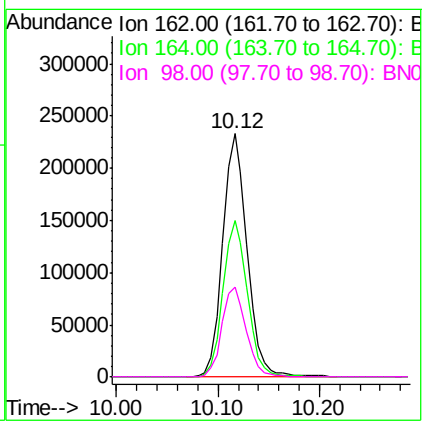


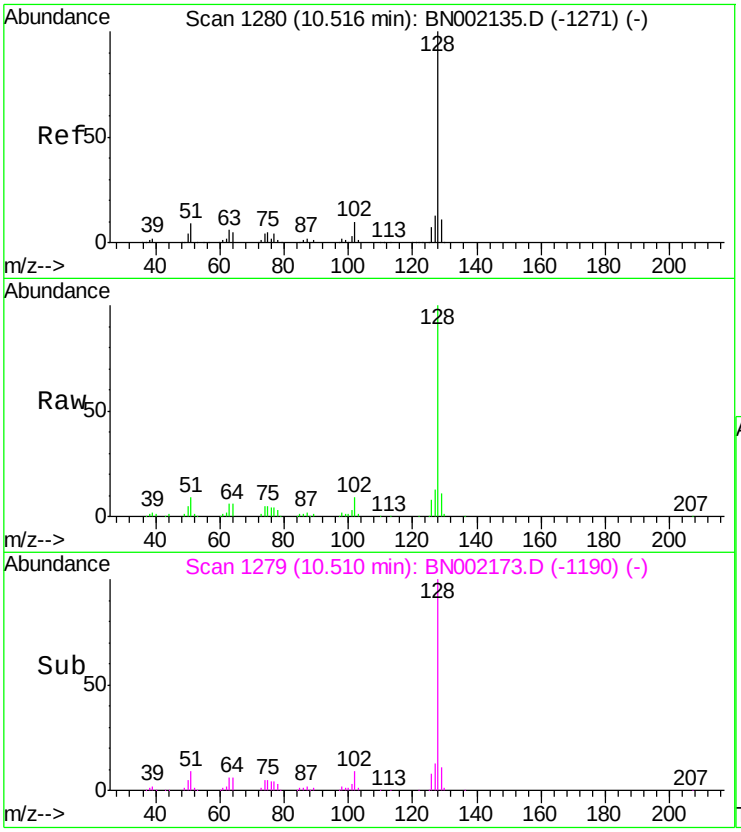


#29
2,4-Dichlorophenol
Concen: 25.083 ng
RT: 10.12 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:162 Resp: 389971

Ion	Ratio	Lower	Upper
162	100		
164	64.3	48.0	88.0
98	37.1	21.1	61.1



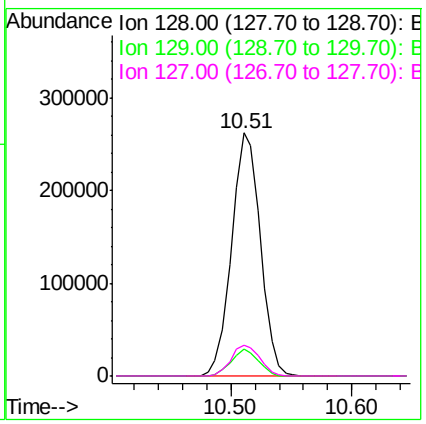


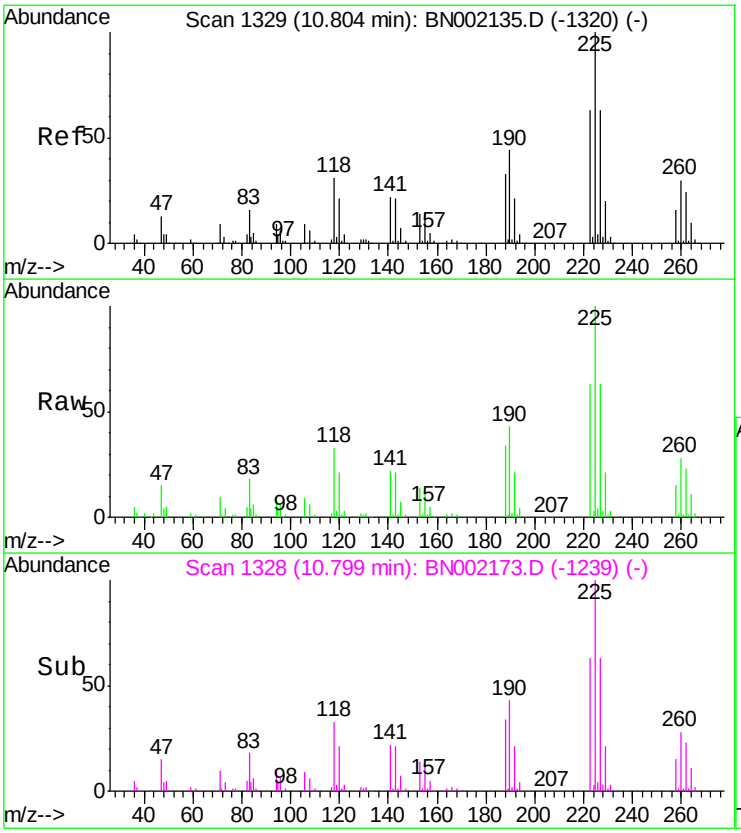
#31
Naphthalene
Concen: 8.806 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:128 Resp: 436424

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.0	11.6	17.4

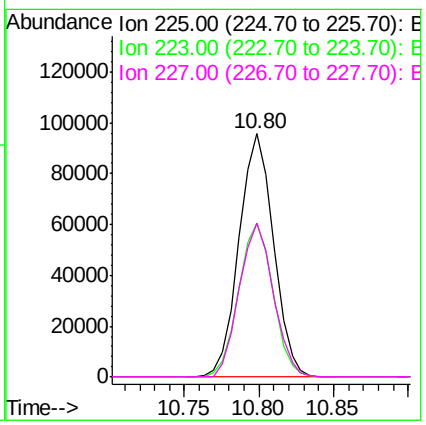


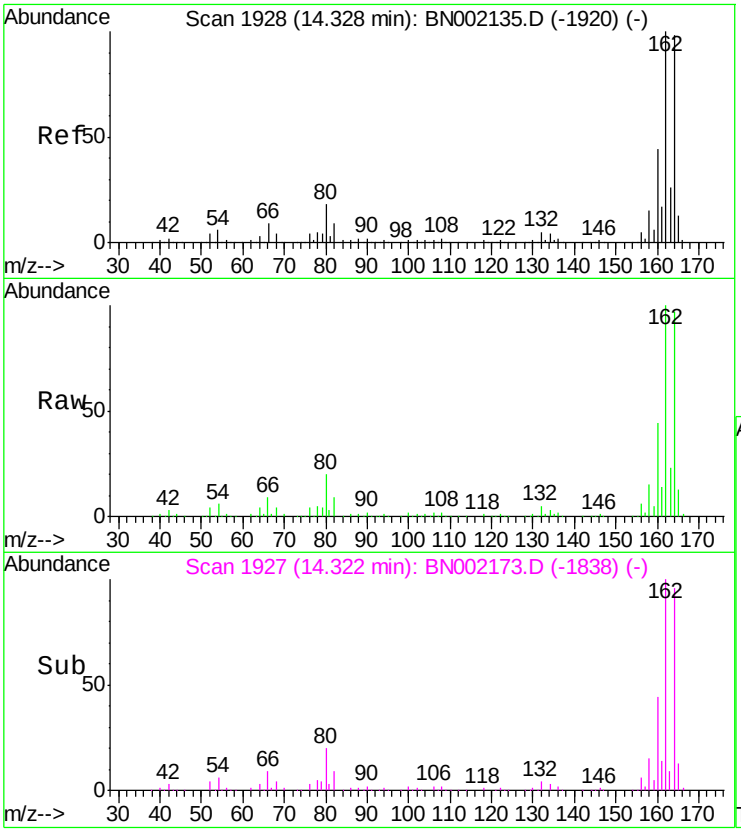


#34
Hexachlorobutadiene
Concen: 14.247 ng
RT: 10.80 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:225 Resp: 153615

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.7	74.5
227	63.4	48.1	72.1



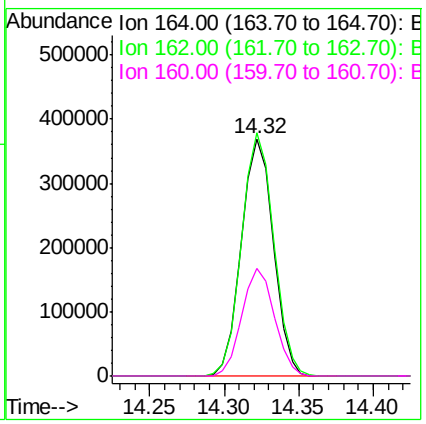


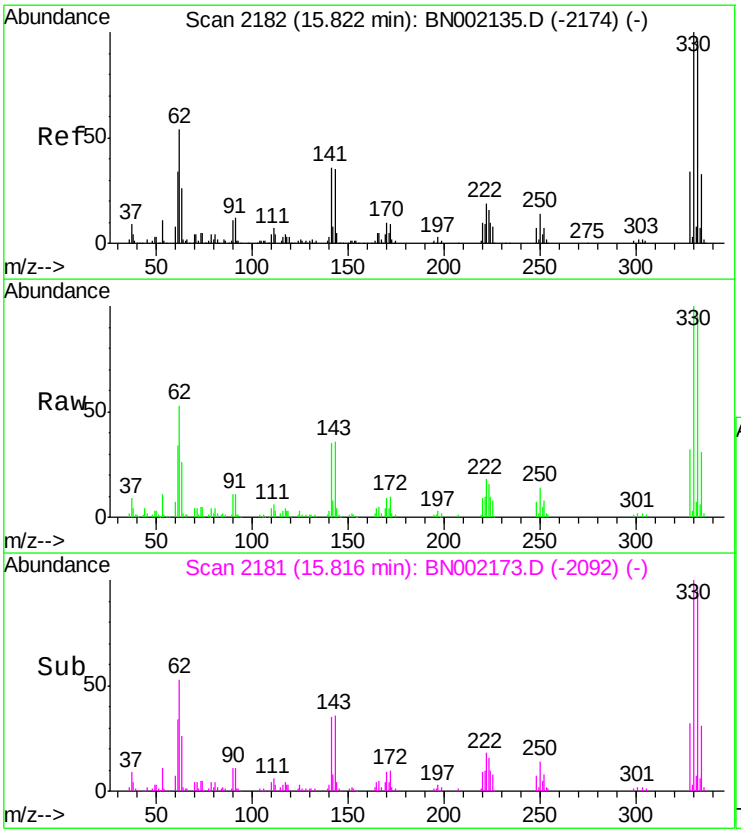
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:164 Resp: 548041

Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	45.7	35.4	53.0

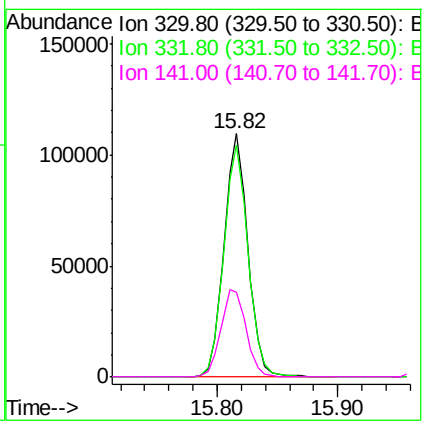


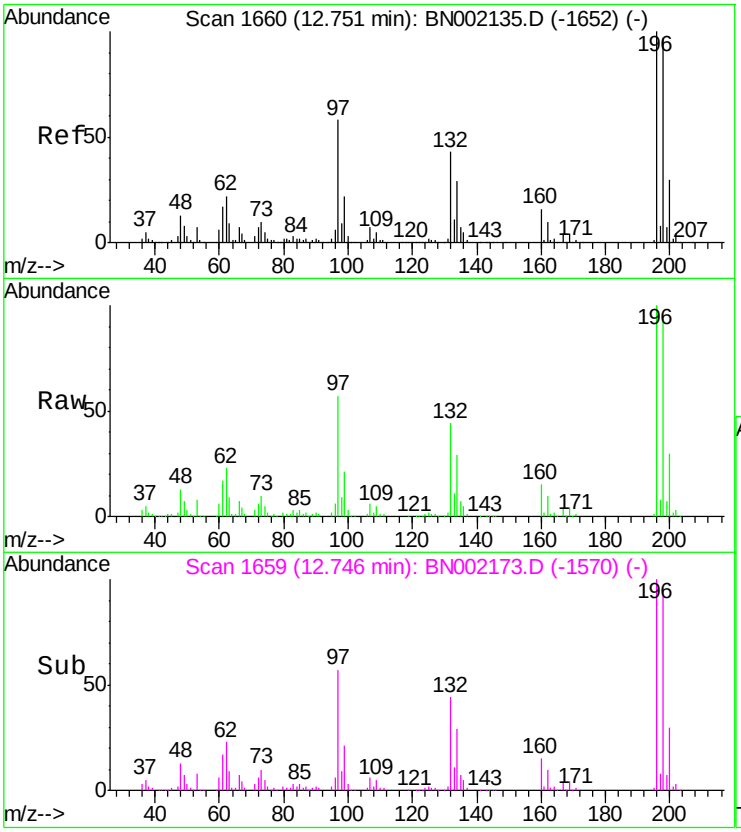


#41
2,4,6-Tribromophenol
Concen: 21.146 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:330 Resp: 150486

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	37.8	25.2	37.8



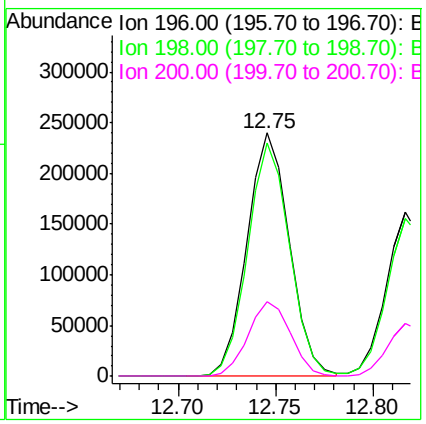


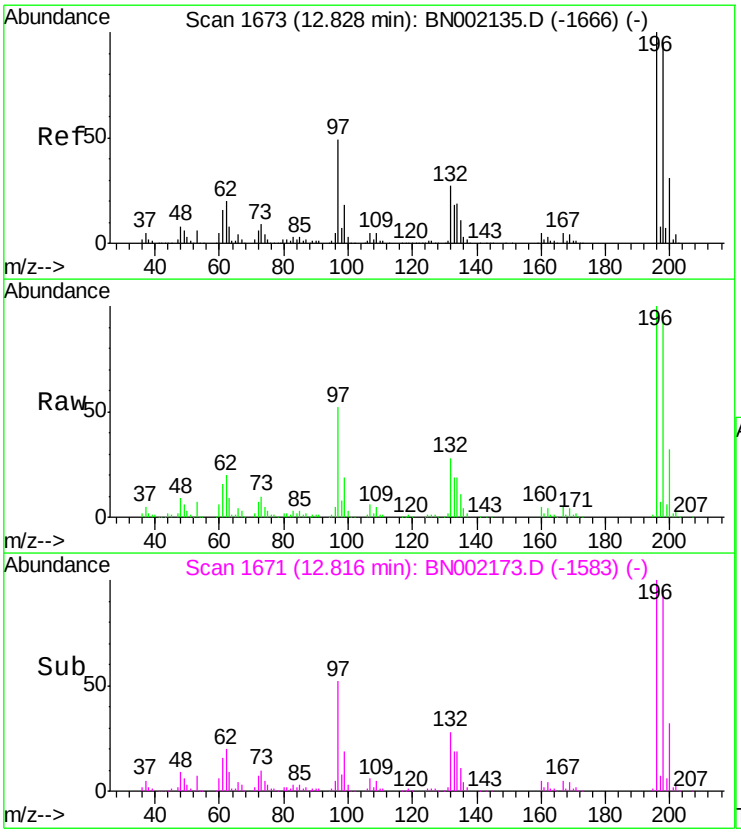
#42
2,4,6-Trichlorophenol
Concen: 29.187 ng
RT: 12.75 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:196 Resp: 360863

Ion	Ratio	Lower	Upper
196	100		
198	95.9	78.2	117.2
200	30.5	24.6	36.8

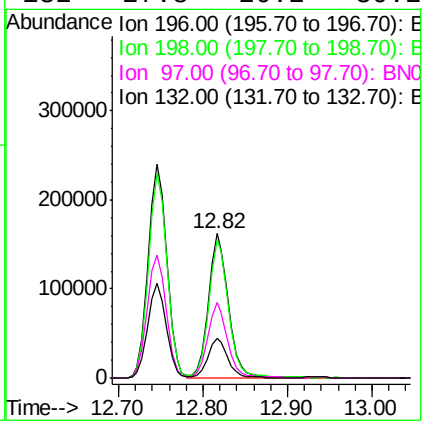


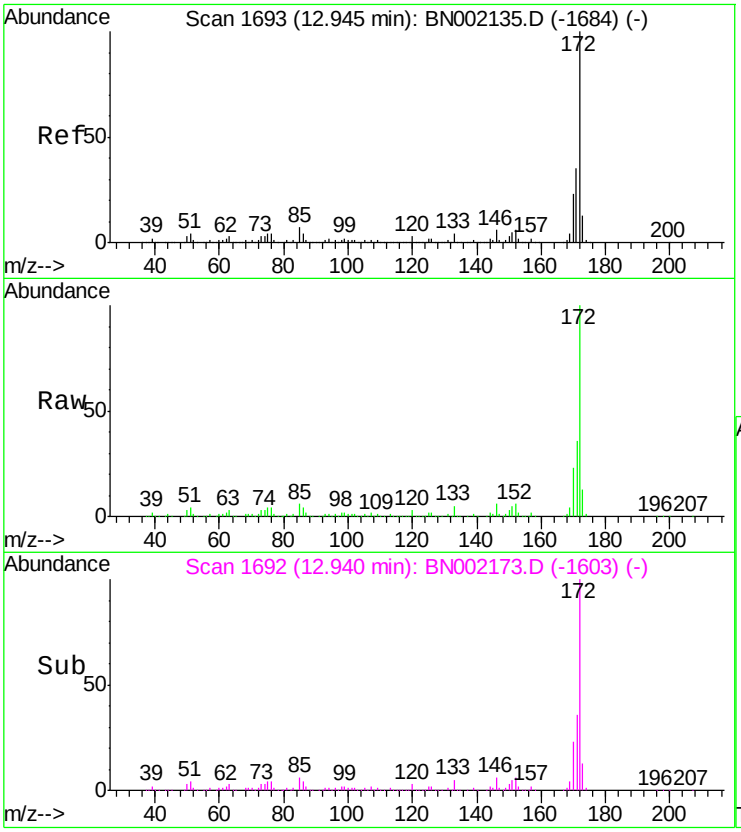


#43
2,4,5-Trichlorophenol
Concen: 20.696 ng
RT: 12.82 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:196 Resp: 271054

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.2	114.4
97	52.2	38.7	58.1
132	27.8	20.2	30.2



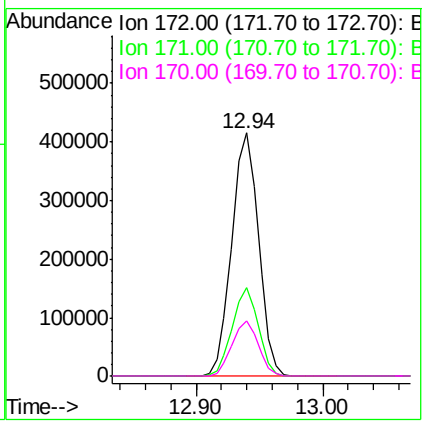


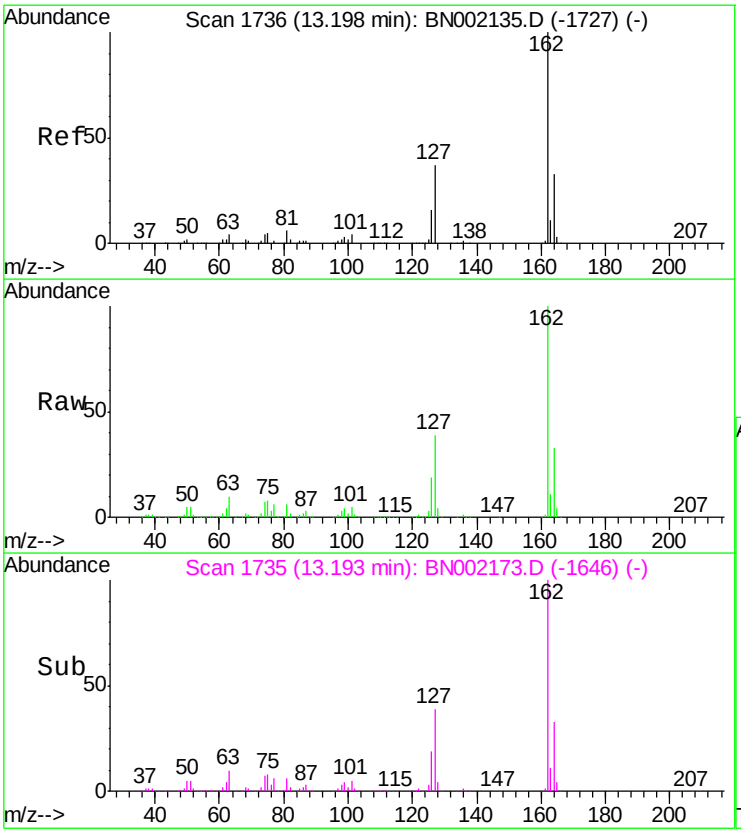
#44
2-Fluorobiphenyl
Concen: 14.422 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:172 Resp: 606828

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	22.9	19.5	29.3

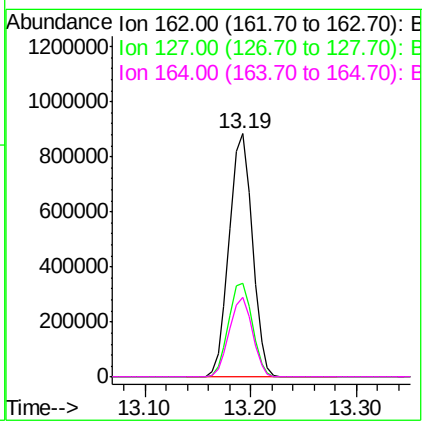


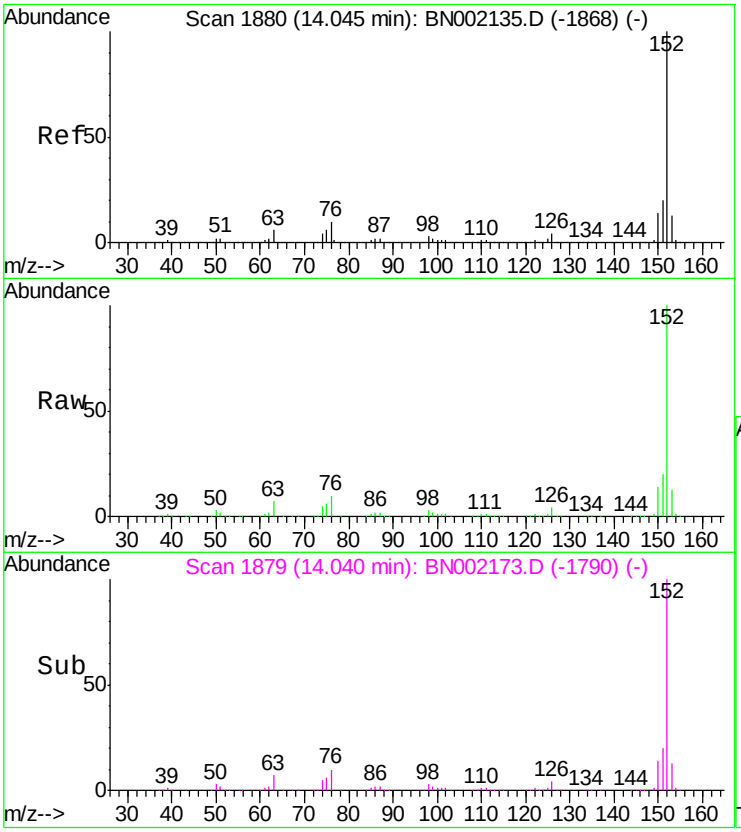


#46
2-Chloronaphthalene
Concen: 35.996 ng
RT: 13.19 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:162 Resp: 1339939

Ion	Ratio	Lower	Upper
162	100		
127	38.7	30.7	46.1
164	32.8	26.0	39.0



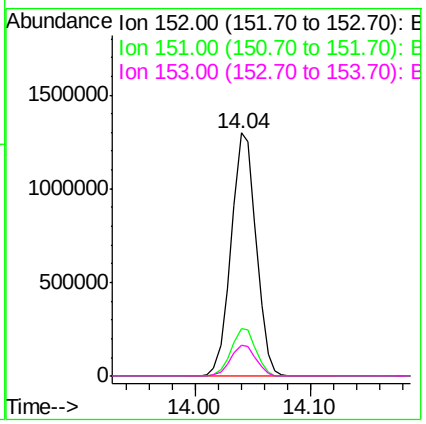


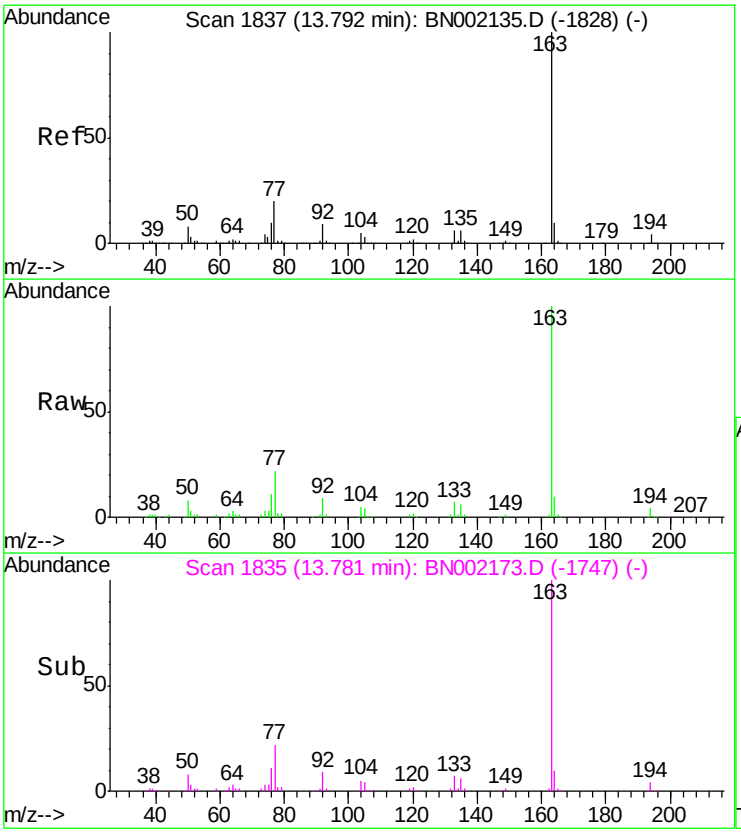
#48
Acenaphthylene
Concen: 34.409 ng
RT: 14.04 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:152 Resp: 1943673

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.2	25.8
153	13.0	10.2	15.4

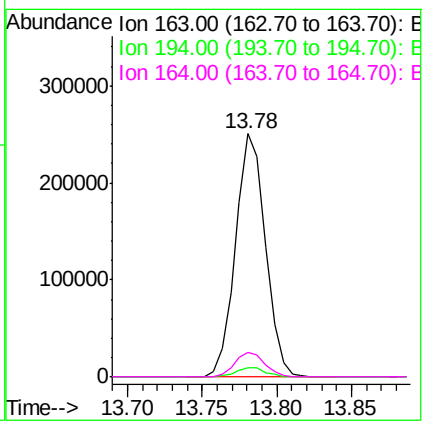


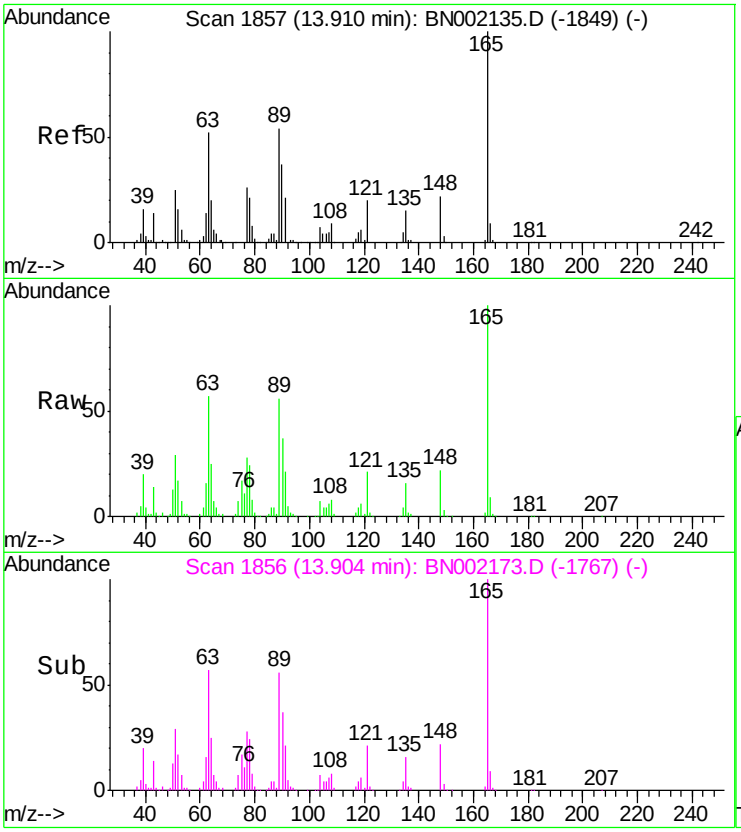


#49
Dimethylphthalate
Concen: 7.671 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:163 Resp: 349208

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.4	8.2	12.4



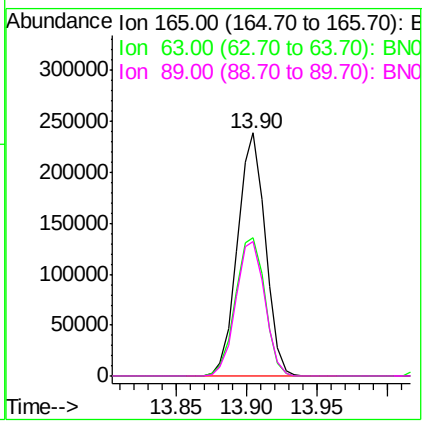


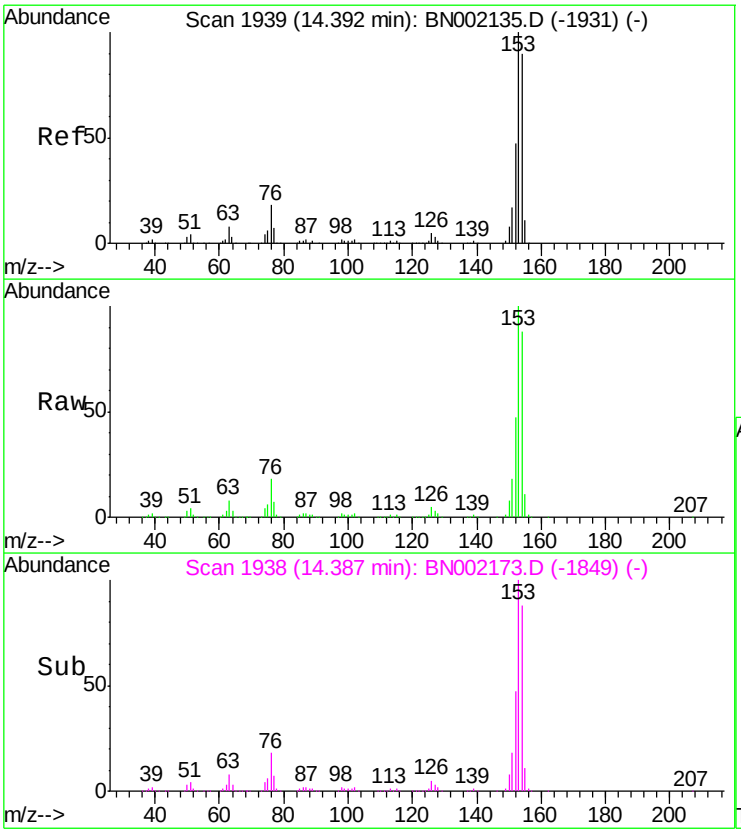
#50
2,6-Dinitrotoluene
Concen: 32.551 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:165 Resp: 329213

Ion	Ratio	Lower	Upper
165	100		
63	56.9	52.7	79.1
89	55.6	49.2	73.8

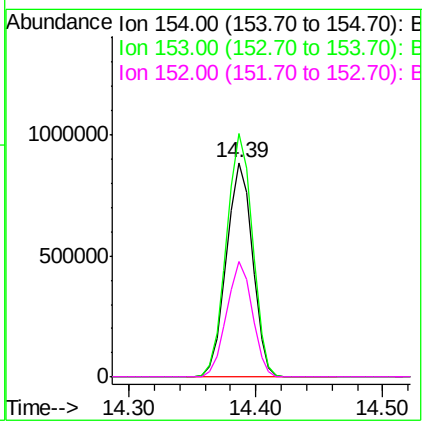


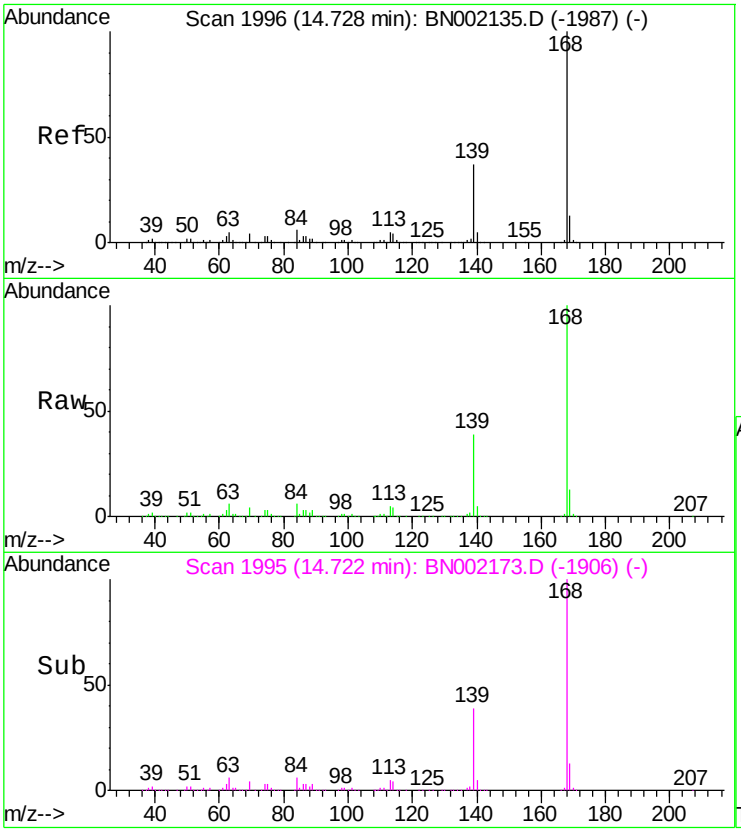


#51
Acenaphthene
Concen: 37.101 ng
RT: 14.39 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:154 Resp: 1262378

Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.4	135.6
152	53.7	41.6	62.4



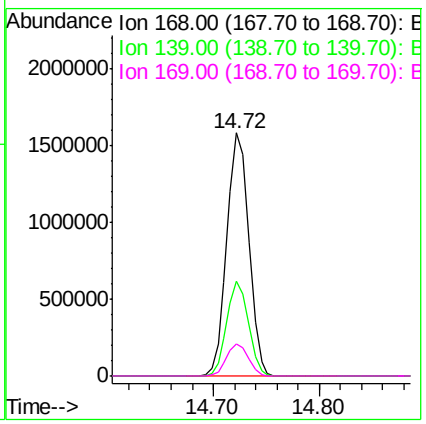


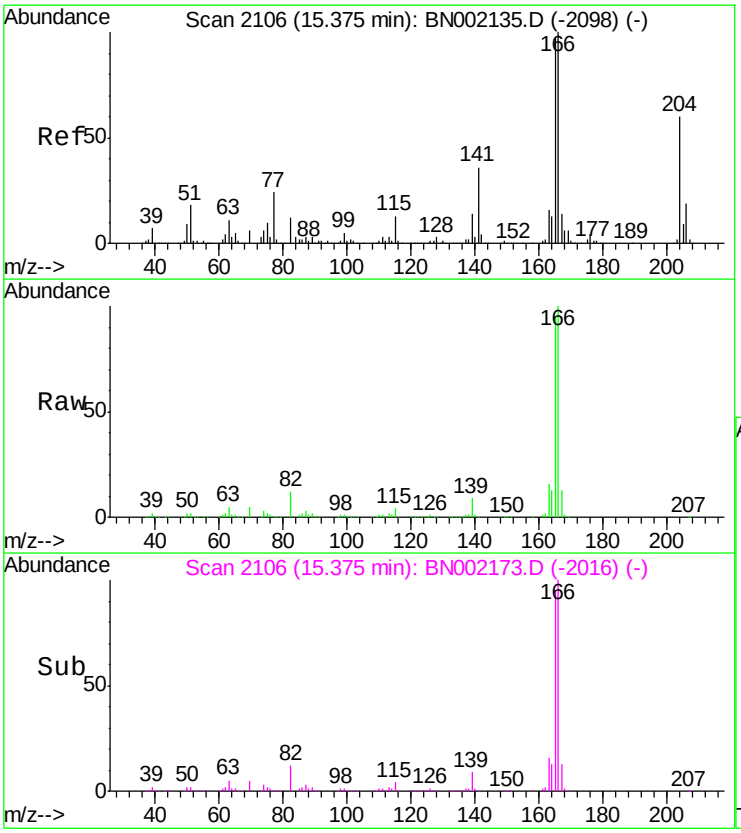
#54
Dibenzofuran
Concen: 41.443 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:168 Resp: 2286268

Ion	Ratio	Lower	Upper
168	100		
139	38.9	28.6	43.0
169	13.3	11.2	16.8

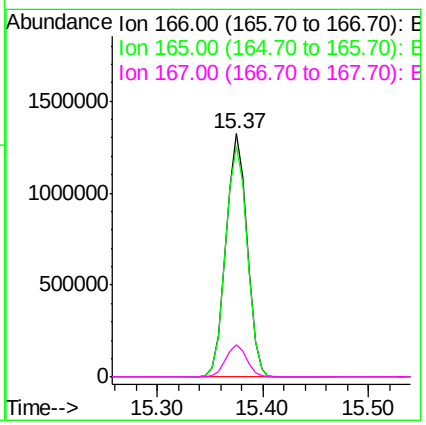


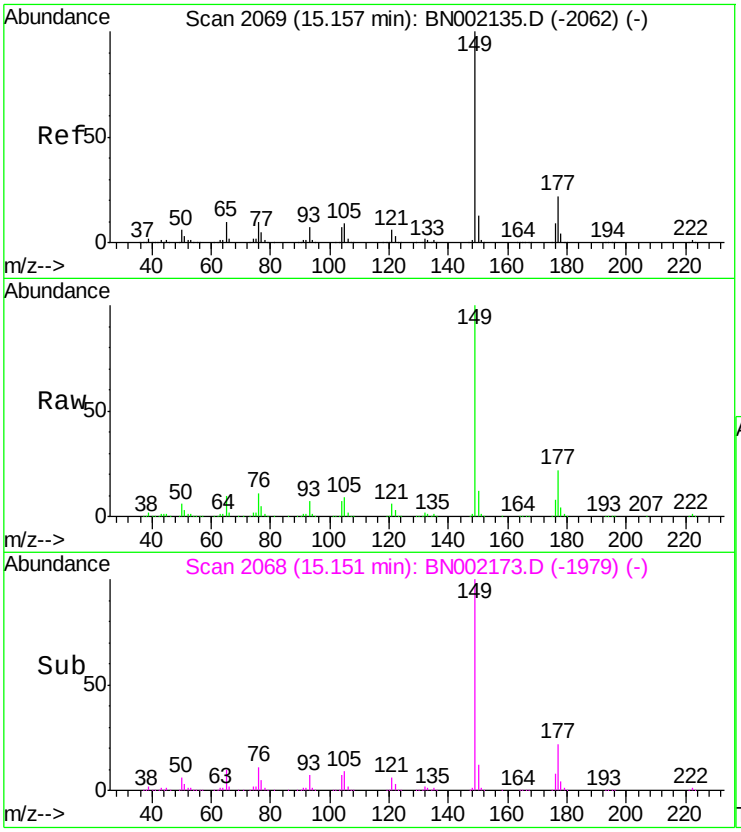


#57
Fluorene
Concen: 43.709 ng
RT: 15.37 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:166 Resp: 1817428

Ion	Ratio	Lower	Upper
166	100		
165	94.9	80.6	121.0
167	13.1	10.4	15.6



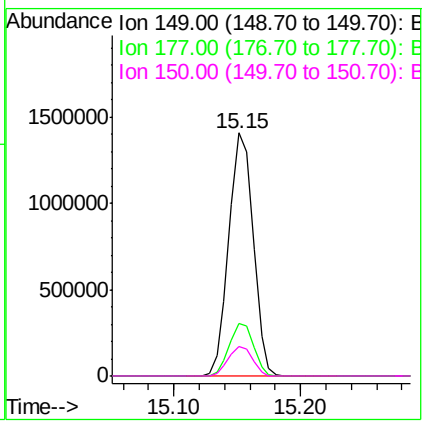


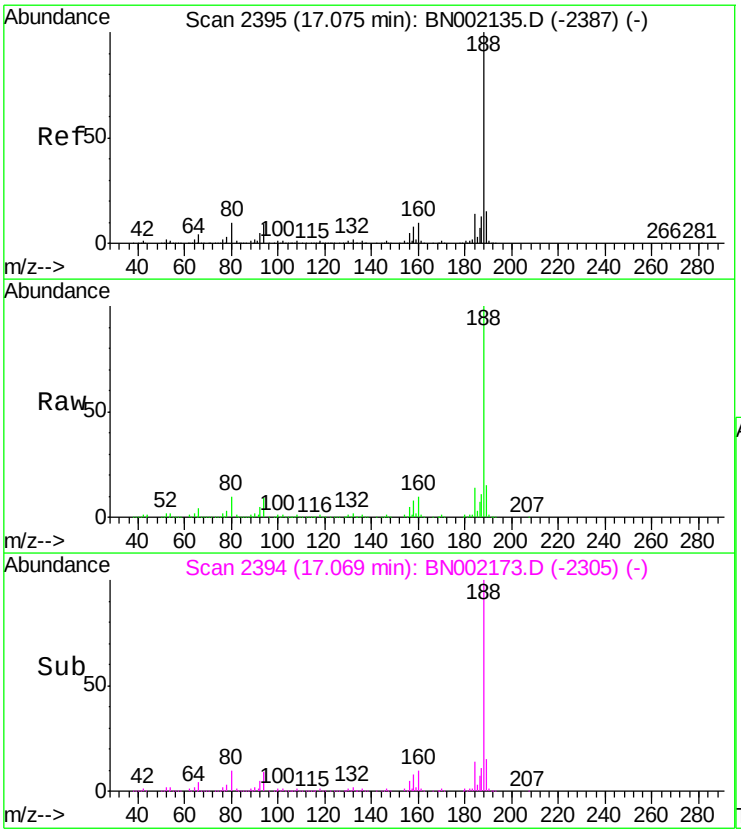
#59
Diethylphthalate
Concen: 40.393 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:149 Resp: 1871635

Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.5	27.7
150	12.4	10.2	15.2

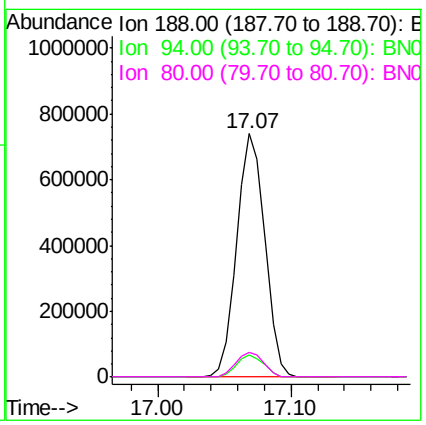


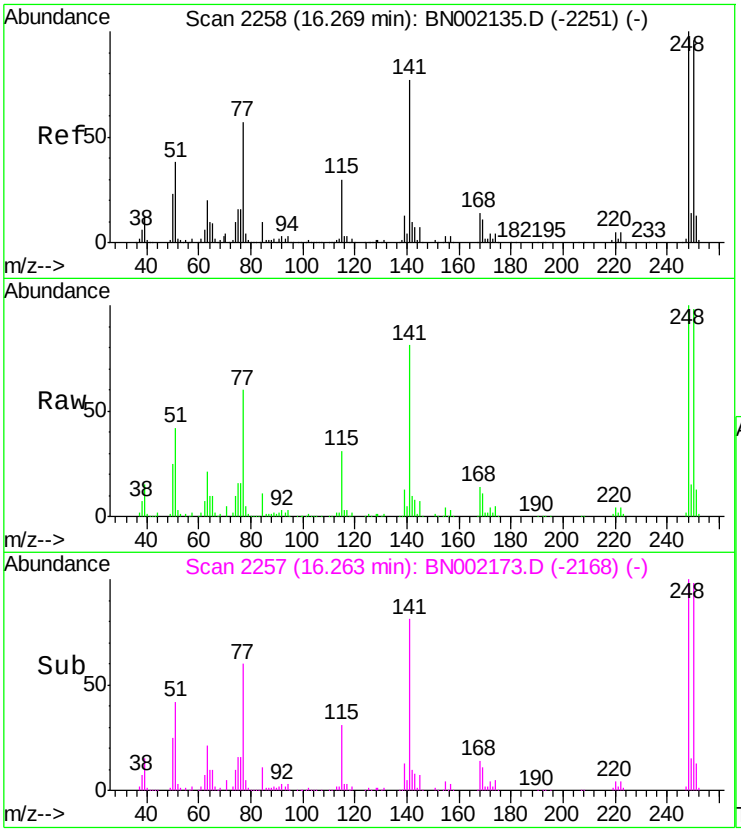


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:188 Resp: 1074876

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.9	10.3
80	10.2	7.7	11.5



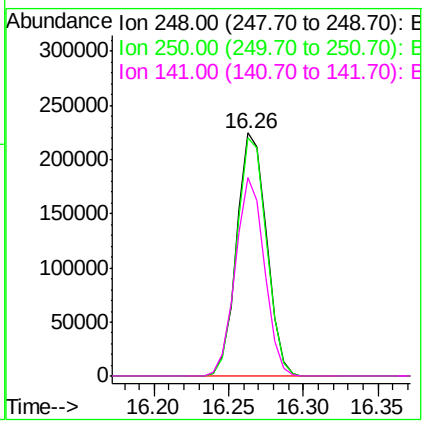


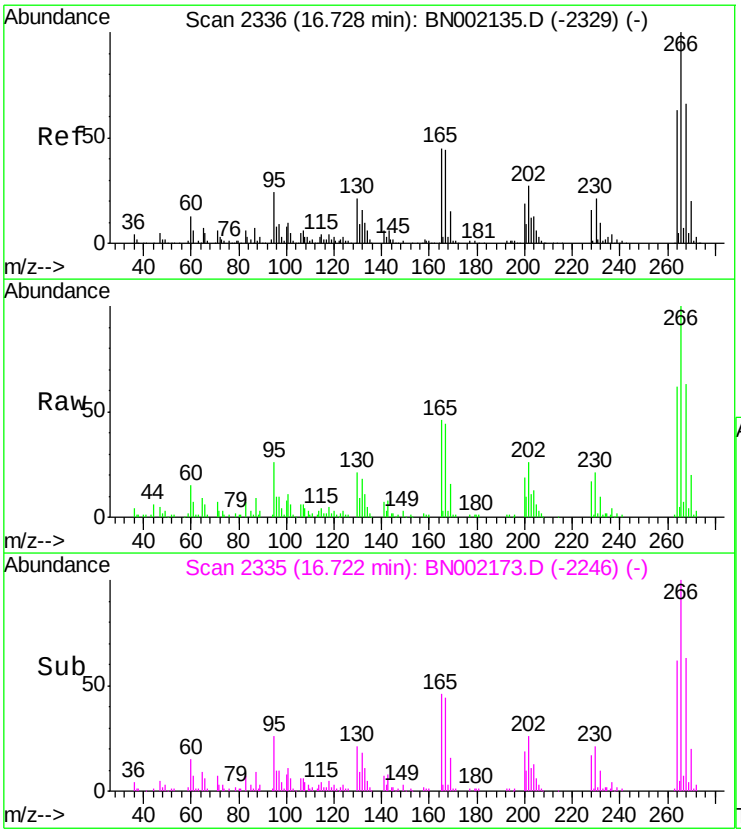
#66
4-Bromophenyl-phenylether
Concen: 24.788 ng
RT: 16.26 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:248 Resp: 311912

Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.1	115.7
141	81.4	50.8	76.2#

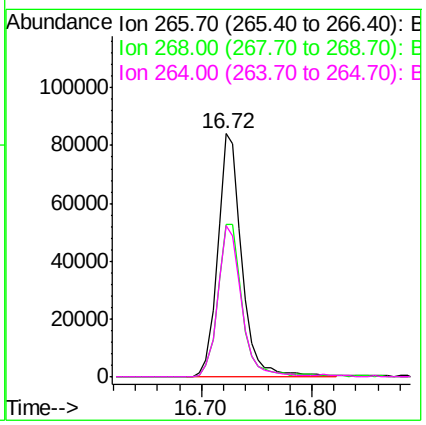


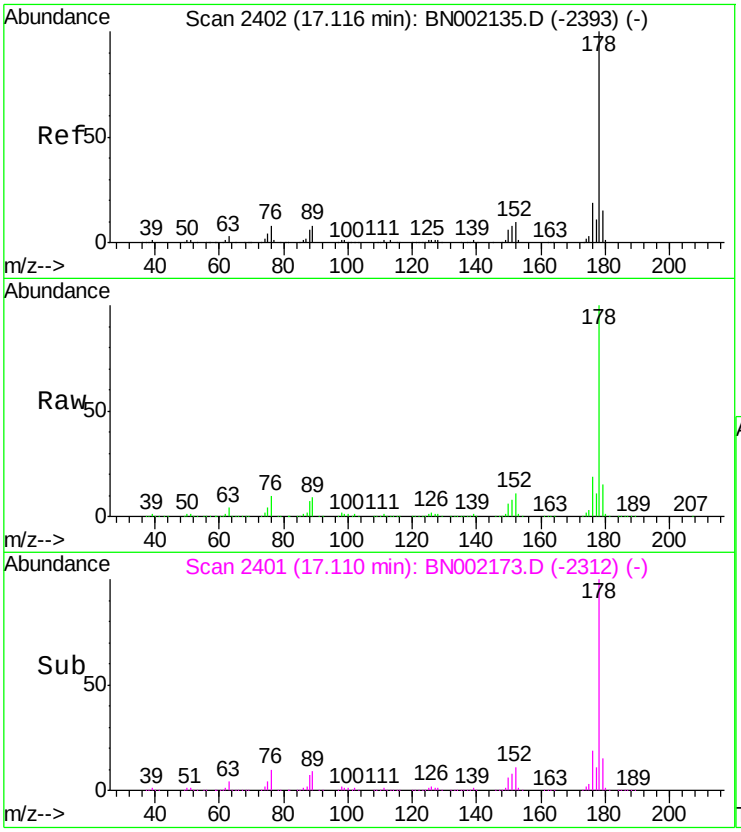


#69
Pentachlorophenol
Concen: 14.241 ng
RT: 16.72 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:266 Resp: 127588

Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.1	76.7
264	62.4	49.6	74.4



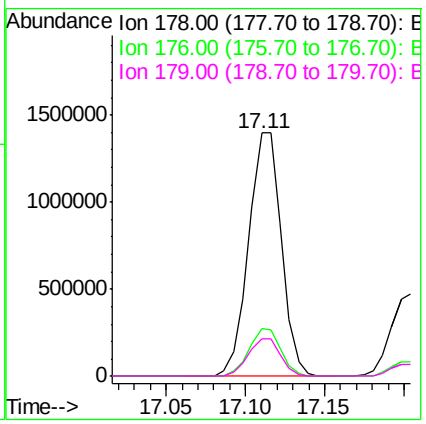


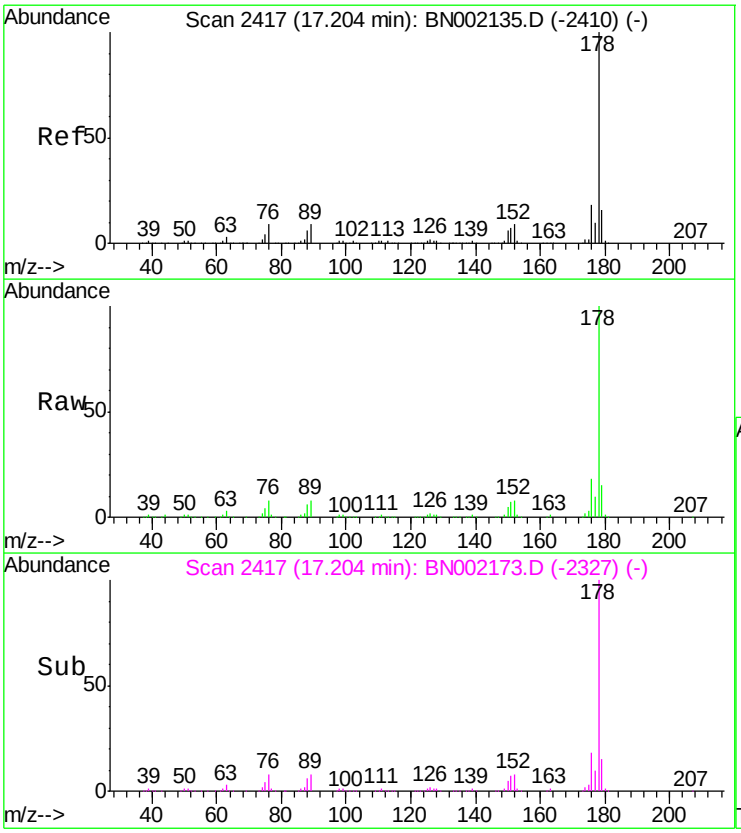
#70
Phenanthrene
Concen: 34.359 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:178 Resp: 2015903

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.4	12.5	18.7

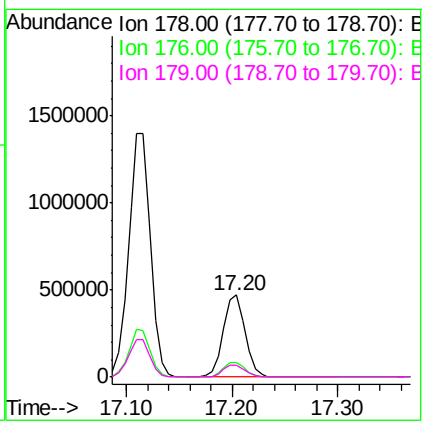


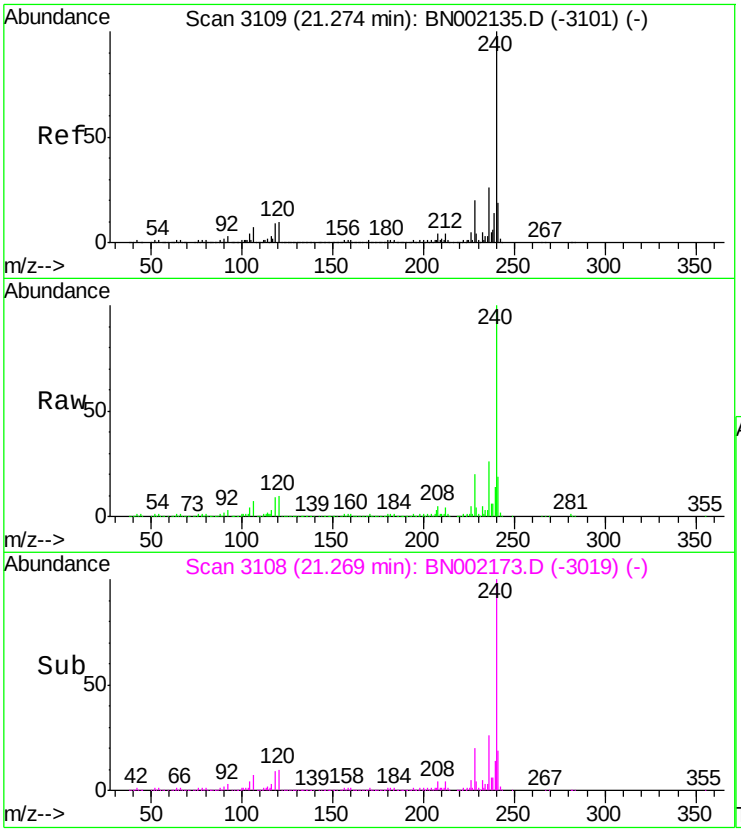


#71
Anthracene
Concen: 11.567 ng
RT: 17.20 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:178 Resp: 671739

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.0	24.0
179	15.0	12.5	18.7



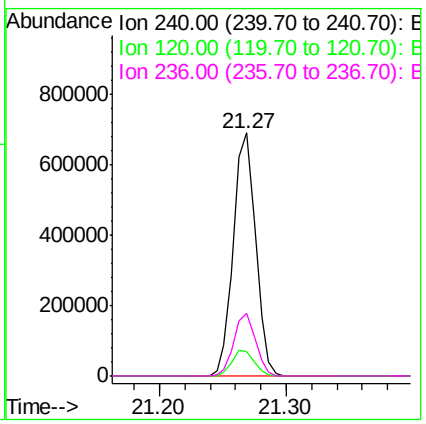


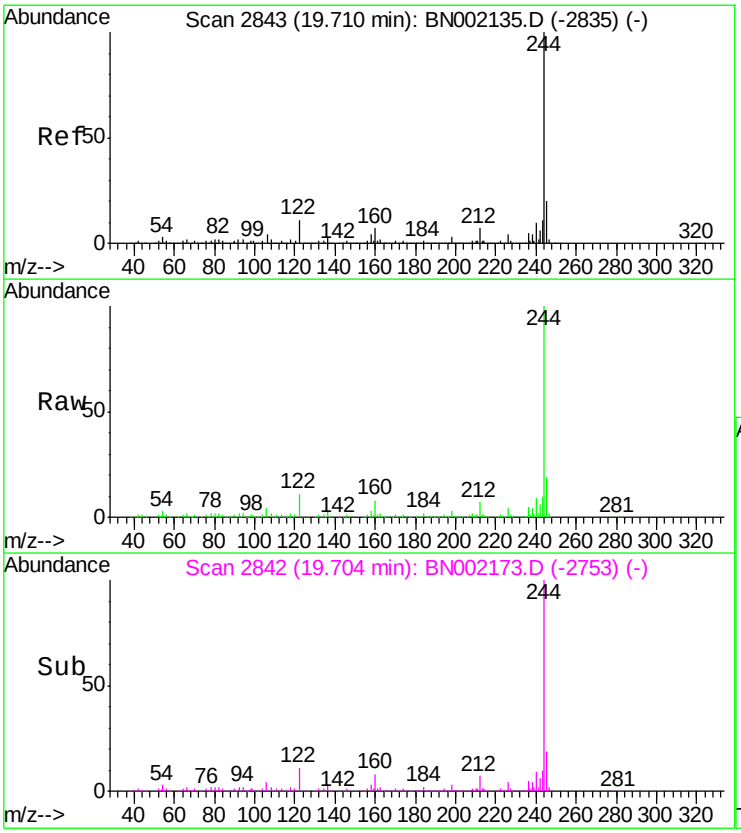
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:240 Resp: 839689

Ion	Ratio	Lower	Upper
240	100		
120	10.4	6.8	10.2#
236	26.2	20.9	31.3

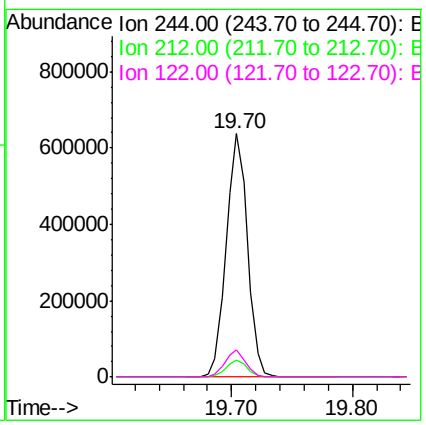


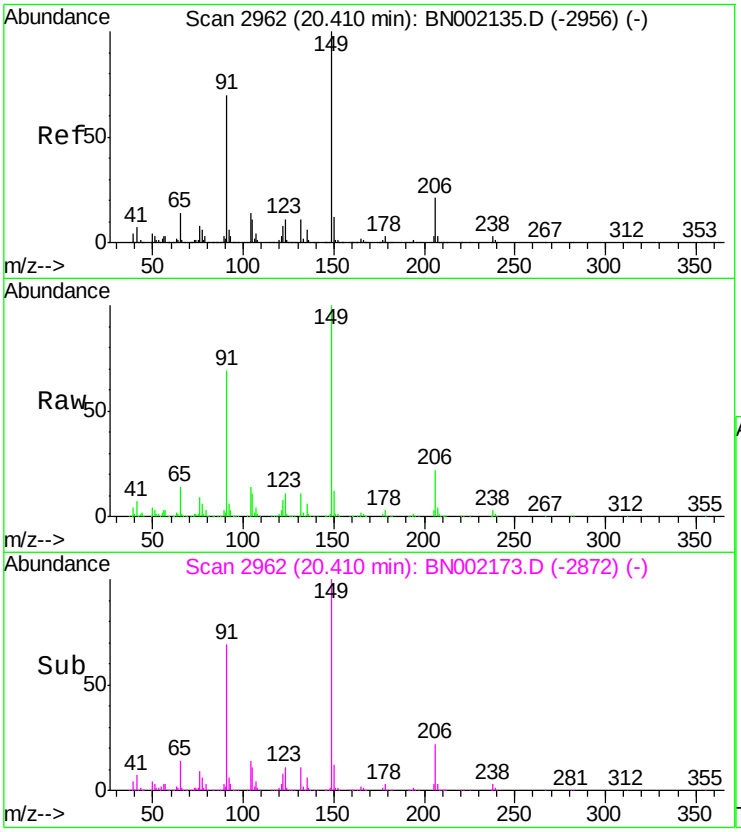


#78
Terphenyl-d14
Concen: 19.306 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:244 Resp: 777254

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.0	7.0	10.4#



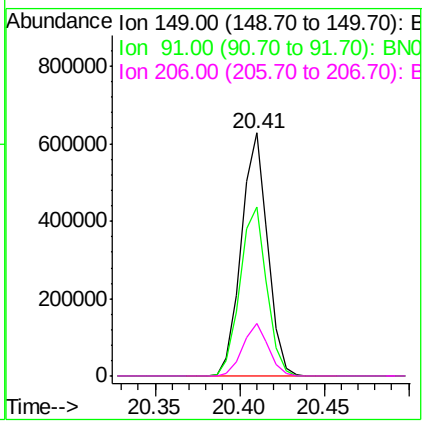


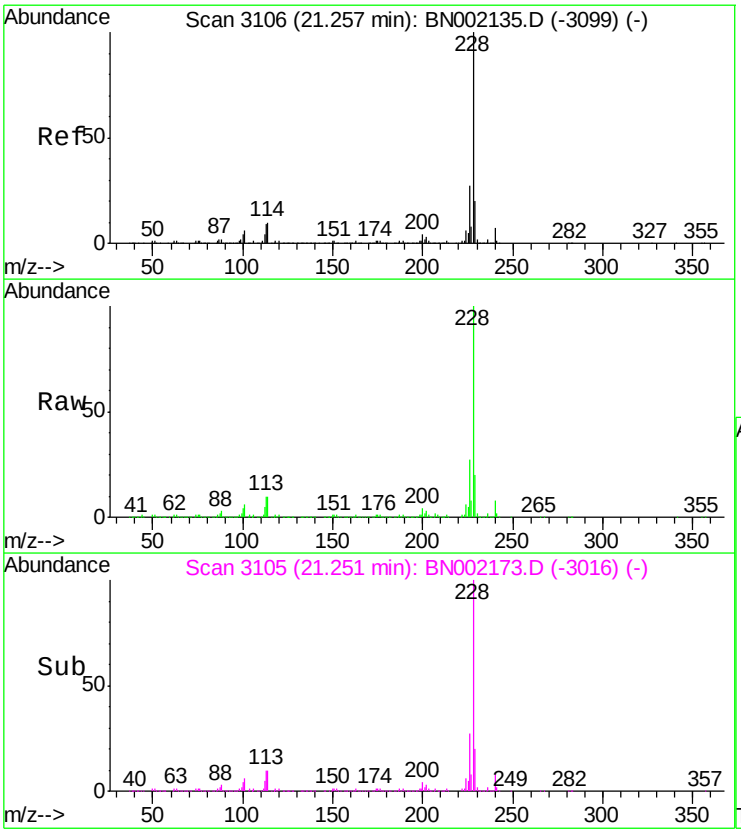
#79
Butylbenzylphthalate
Concen: 27.063 ng
RT: 20.41 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:149 Resp: 682165

Ion	Ratio	Lower	Upper
149	100		
91	69.4	62.2	93.2
206	21.5	18.6	27.8

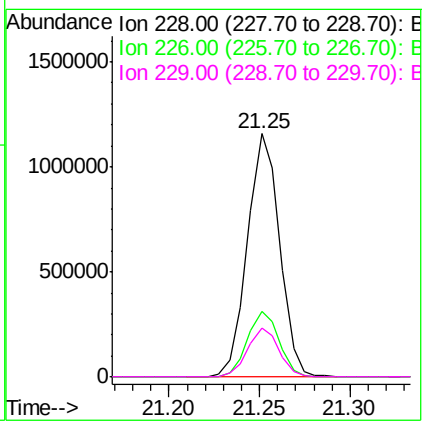


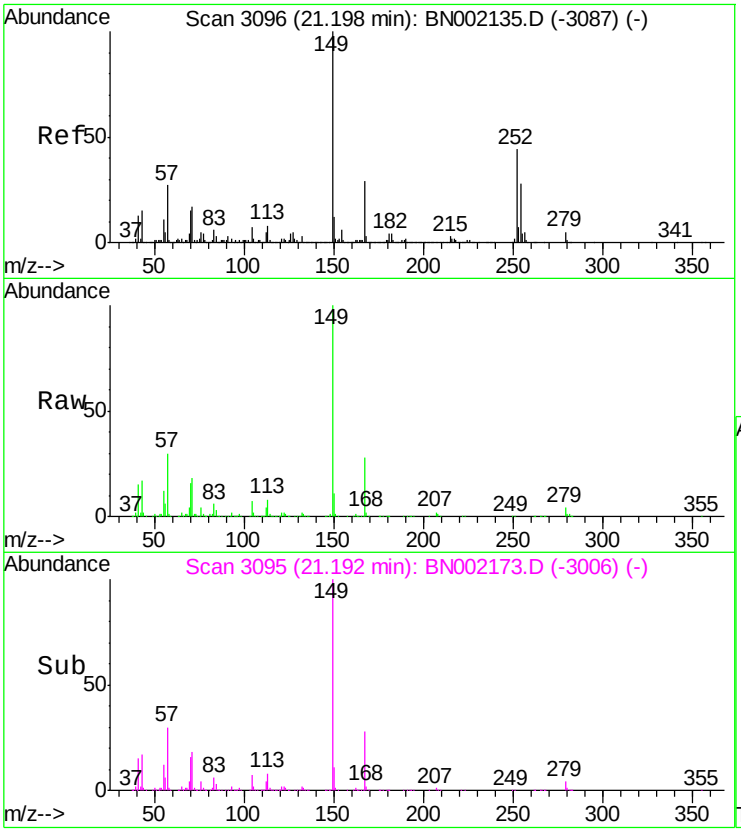


#80
Benzo(a)anthracene
Concen: 28.044 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:228 Resp: 1435277

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.7	34.1
229	20.1	16.2	24.2



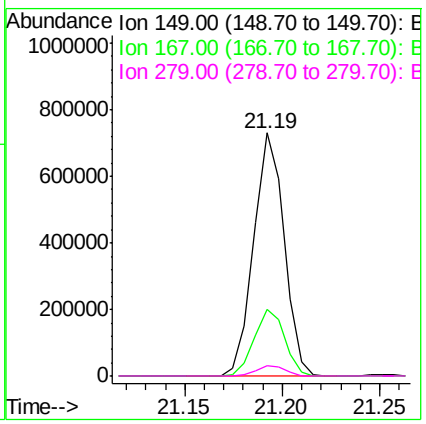


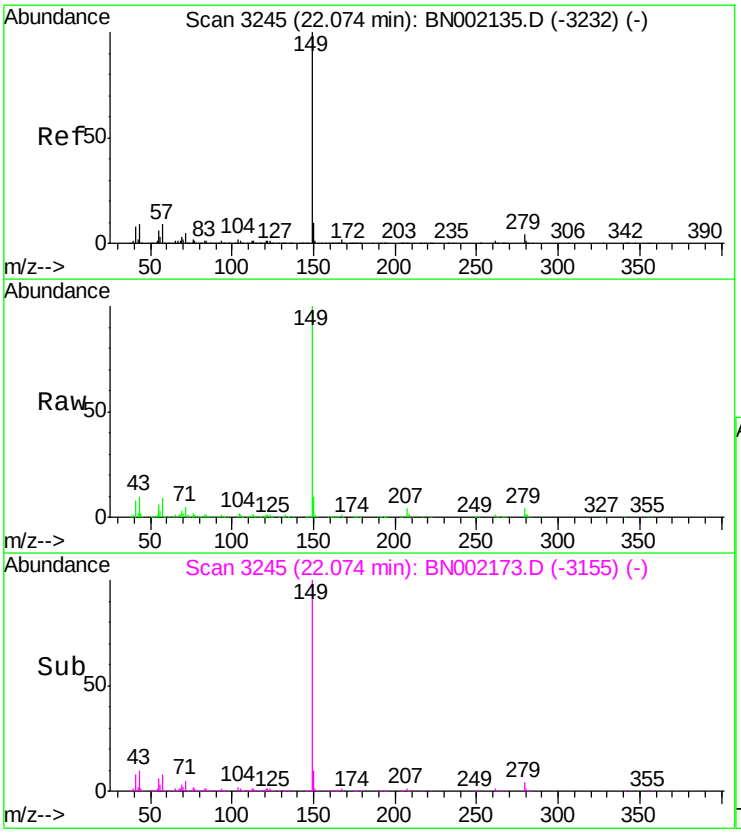
#83
Bis(2-ethylhexyl)phthalate
Concen: 22.512 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:149 Resp: 791305

Ion	Ratio	Lower	Upper
149	100		
167	27.8	24.3	36.5
279	4.4	4.0	6.0

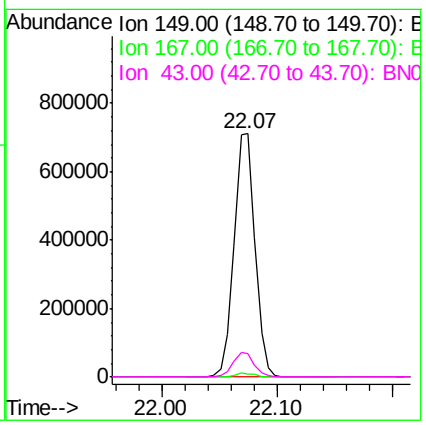


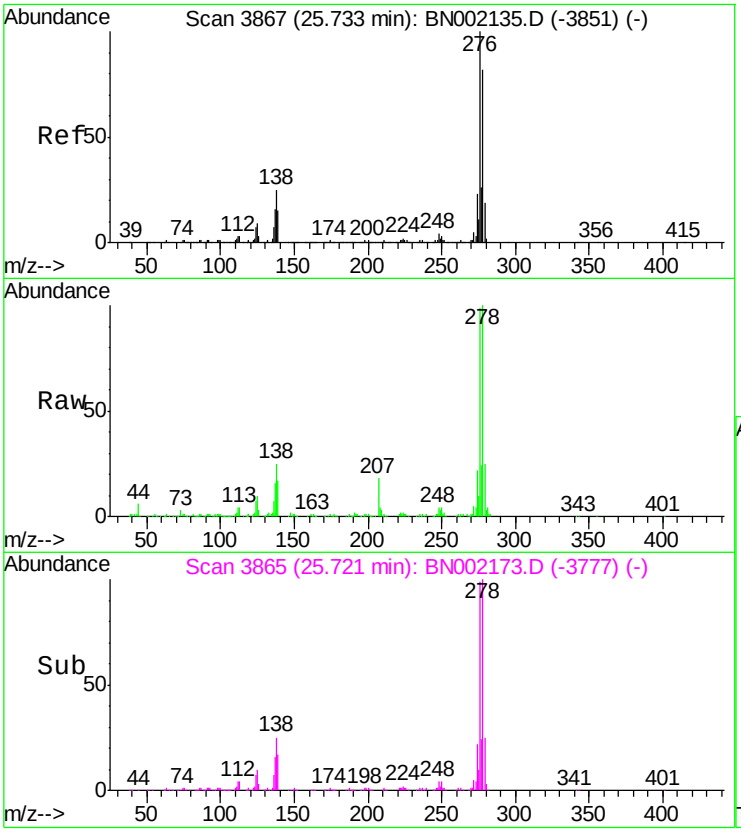


#84
Di-n-octyl phthalate
Concen: 15.993 ng
RT: 22.07 min Scan# 3245
Delta R.T. 0.00 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:149 Resp: 891374

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.2	8.9	13.3



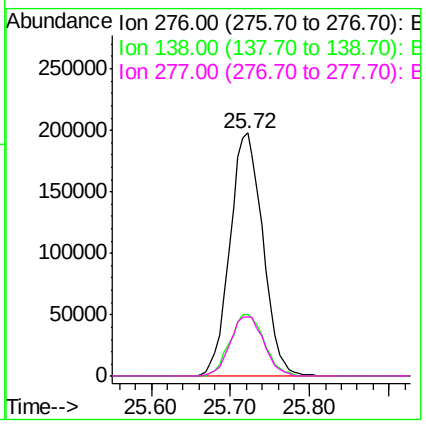


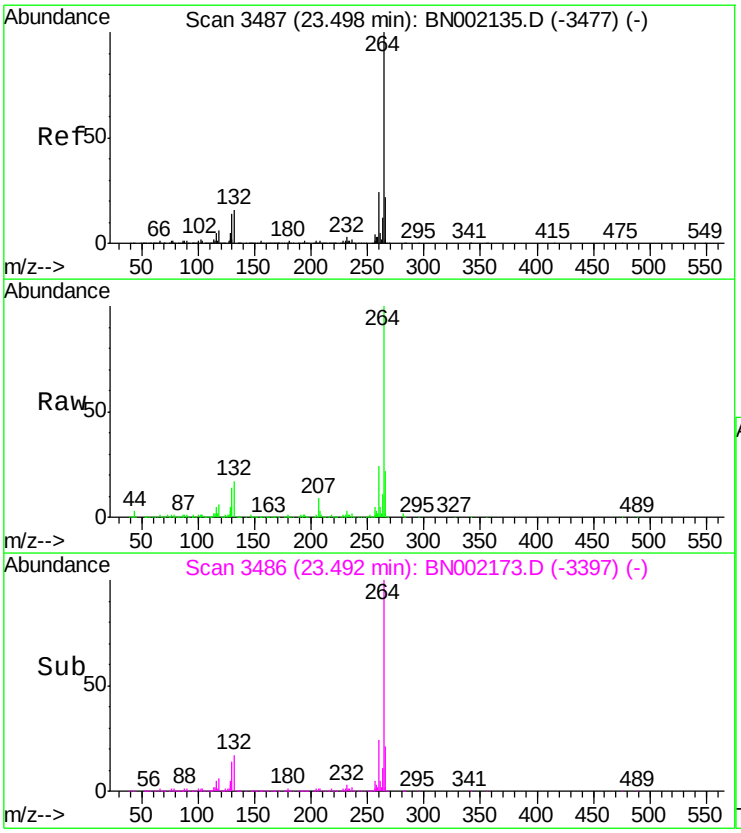
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.988 ng
RT: 25.72 min Scan# 3865
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:276 Resp: 569543

Ion	Ratio	Lower	Upper
276	100		
138	26.7	16.0	24.0#
277	25.4	20.0	30.0

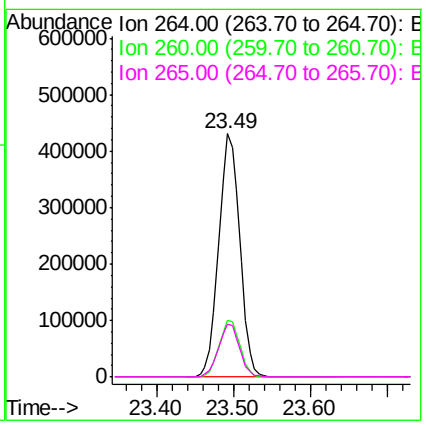


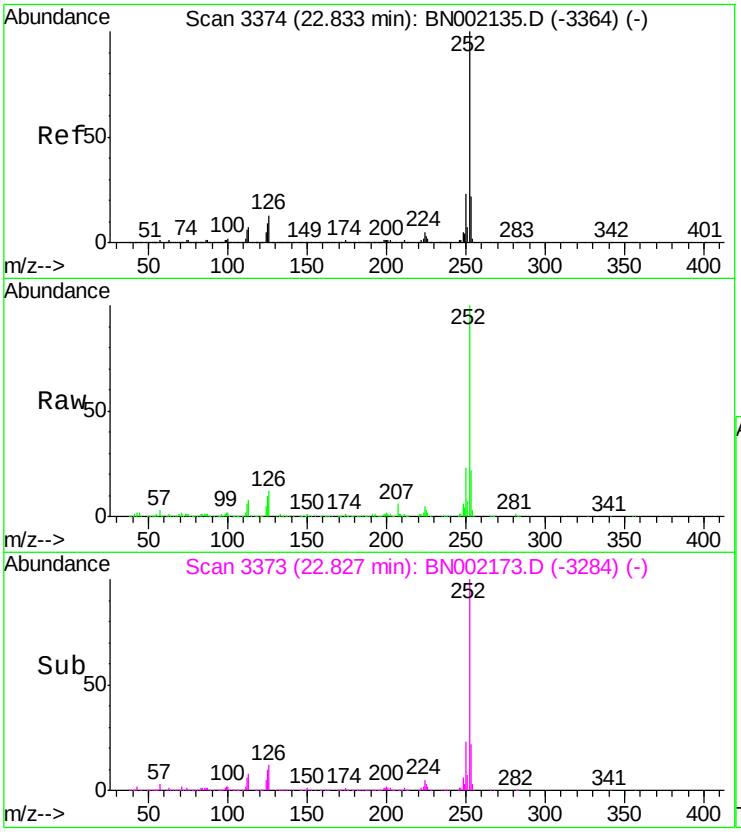


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:264 Resp: 817786

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.5	17.7	26.5



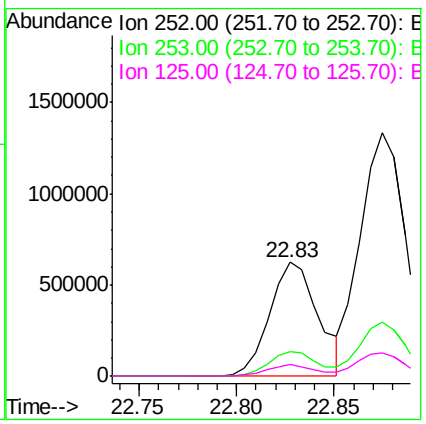


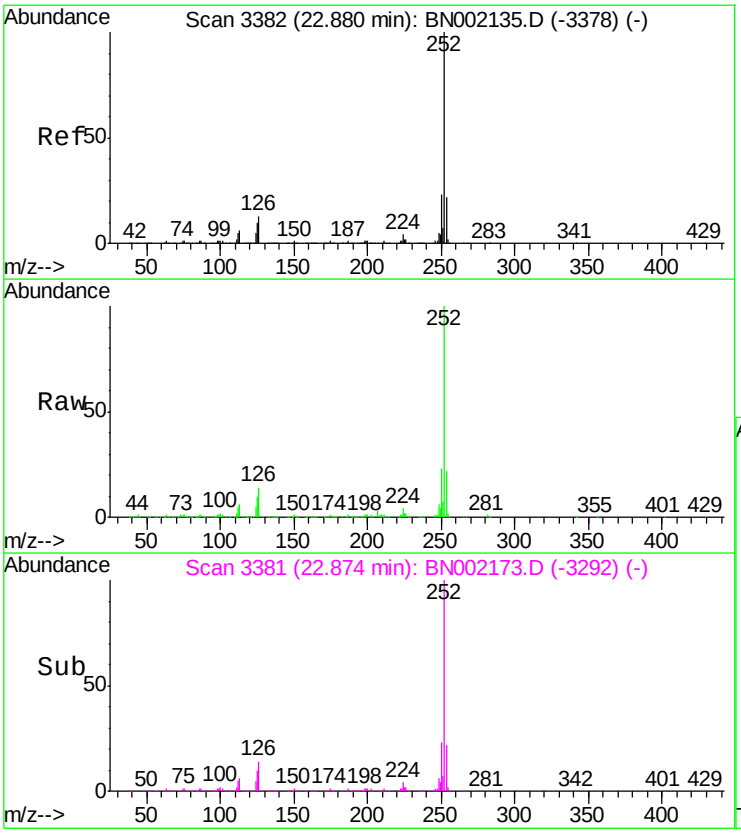
#87
Benzo(b)fluoranthene
Concen: 22.392 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:252 Resp: 1080717

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.1	7.2	10.8

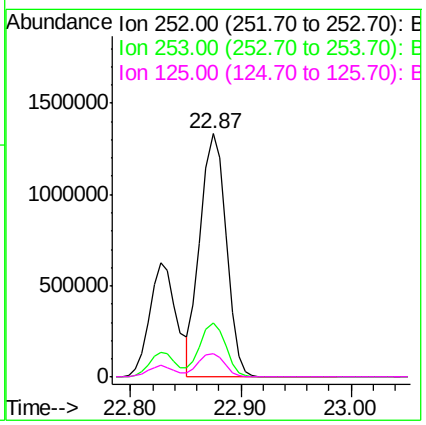


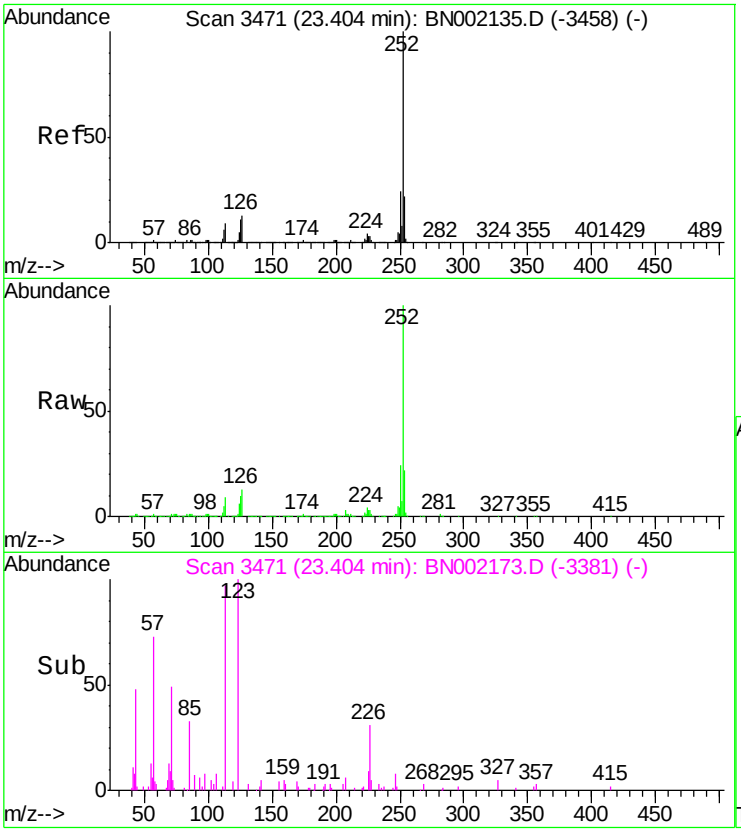


#88
Benzo(k)fluoranthene
Concen: 45.287 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:252 Resp: 2152602

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	9.8	6.6	9.8#



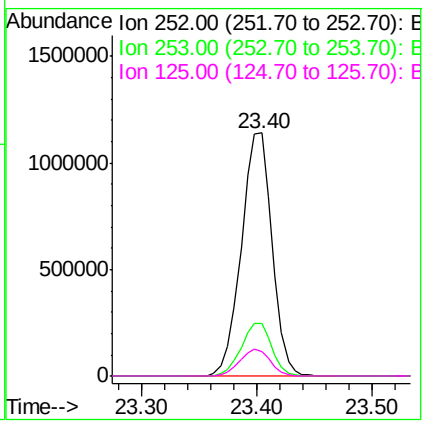


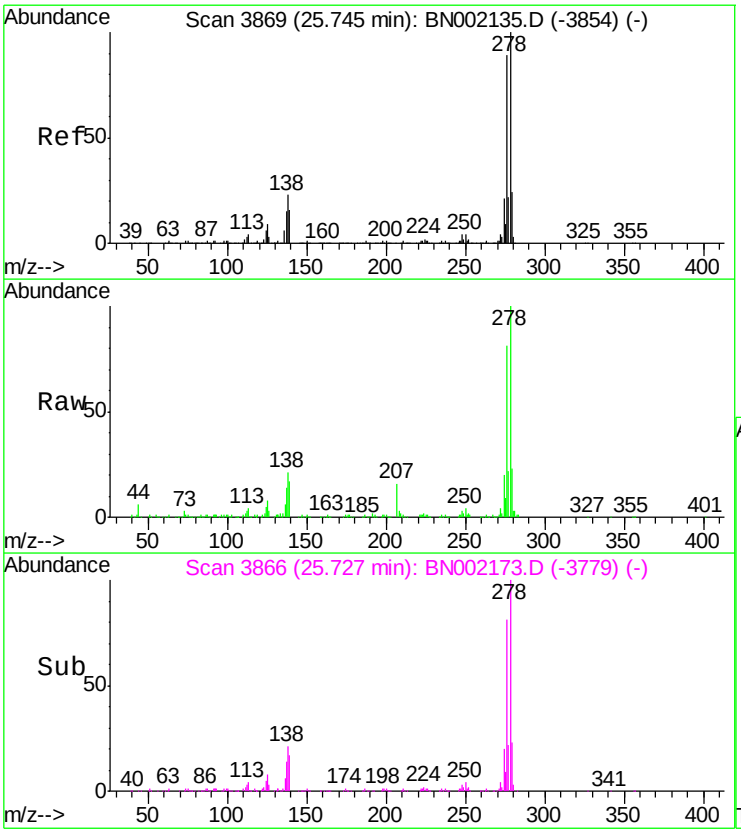
#89
Benzo(a)pyrene
Concen: 46.874 ng
RT: 23.40 min Scan# 3471
Delta R.T. 0.00 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Instrument :
BNA_N
ClientSampleId :
1524DL

Tgt Ion:252 Resp: 2112822

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.3	27.5
125	10.1	7.3	10.9





#90
Dibenzo(a,h)anthracene
Concen: 14.575 ng
RT: 25.73 min Scan# 3866
Delta R.T. -0.02 min
Lab File: BN002173.D
Acq: 26 Jul 2018 15:32

Tgt Ion:278 Resp: 616810

Ion	Ratio	Lower	Upper
278	100		
139	17.0	9.8	14.6#
279	23.3	18.4	27.6