Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072618\
Data File : BN002169.D
Acq On : 26 Jul 2018 11:18
Operator : JU/SJ
Sample : J4086-22DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : 1535DL

Quant Time: Jul 27 01:36:22 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	213814	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	936213	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	565110	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	1286601	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1125850	20.00	ng	0.00
86) Perylene-d12	23.49	264	952991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	385903	29.06	ng	0.00
7) Phenol-d6	6.87	99	542137	29.09	ng	0.00
23) Nitrobenzene-d5	8.84	82	356613	19.53	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	221449	30.18	ng	-0.01
44) 2-Fluorobiphenyl	12.94	172	850434	19.60	ng	0.00
78) Terphenyl-d14	19.70	244	1243341	23.03	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.90	94	655521	34.313	ng	98
17) 2-Methylphenol	8.13	107	315243	24.171	ng	95
20) 3+4-Methylphenols	8.45	107	431787	23.728	ng	96
26) 2-Nitrophenol	9.59	139	228053	24.953	ng	97
29) 2,4-Dichlorophenol	10.12	162	390466	26.344	ng	94
36) 4-Chloro-3-methylphenol	11.75	107	417560	24.775	ng	96
42) 2,4,6-Trichlorophenol	12.75	196	92876	7.285	ng	96
43) 2,4,5-Trichlorophenol	12.82	196	306850	22.721	ng	97
53) 2,4-Dinitrophenol	14.45	184	151685	27.469	ng	97
55) 4-Nitrophenol	14.55	139	270832	31.220	ng	92
64) 4,6-Dinitro-2-methylphenol	15.46	198	52636	6.060	ng	97
69) Pentachlorophenol	16.72	266	213864	19.943	ng	99

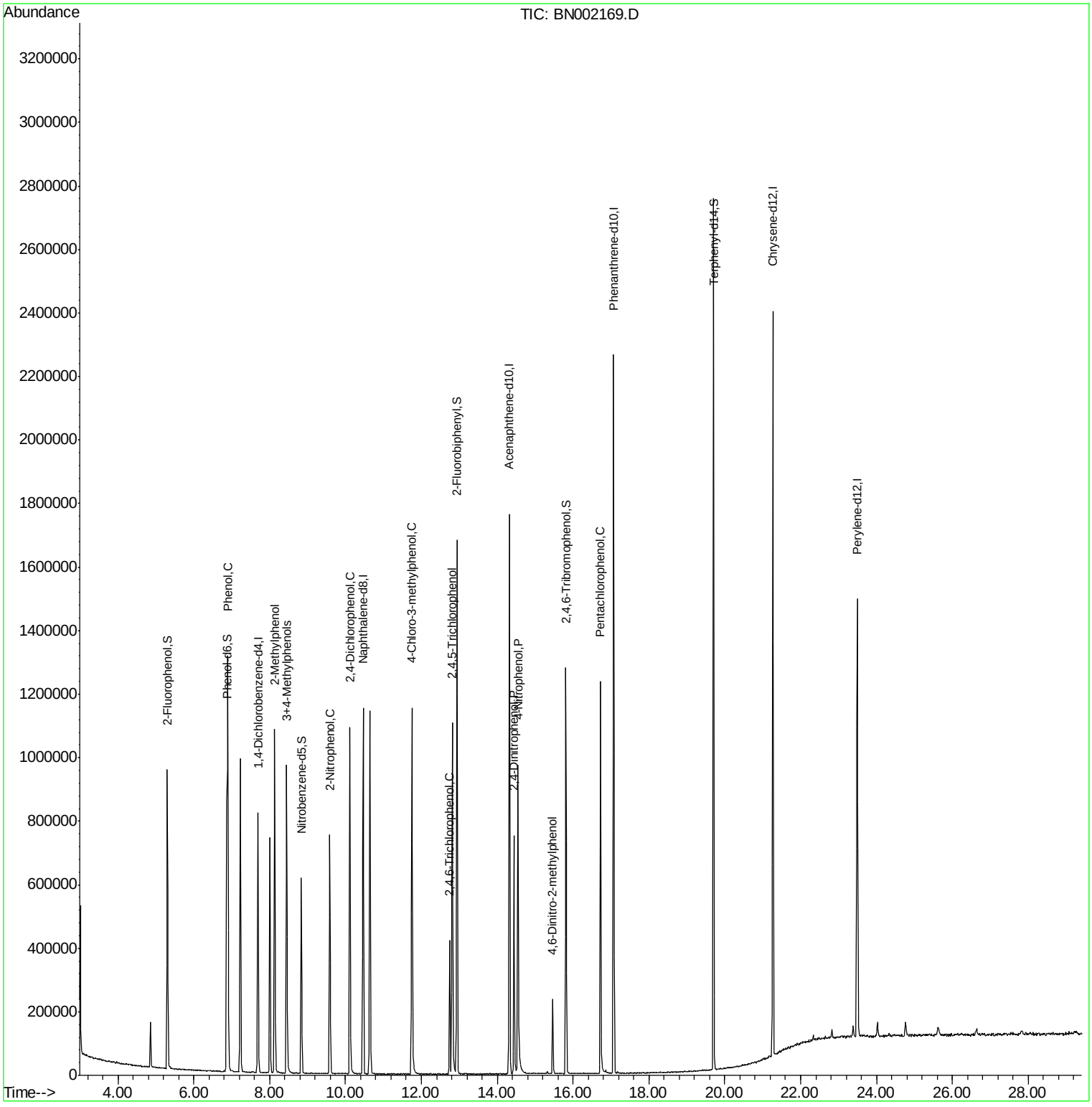
(#) = qualifier out of range (m) = manual integration (+) = signals summed

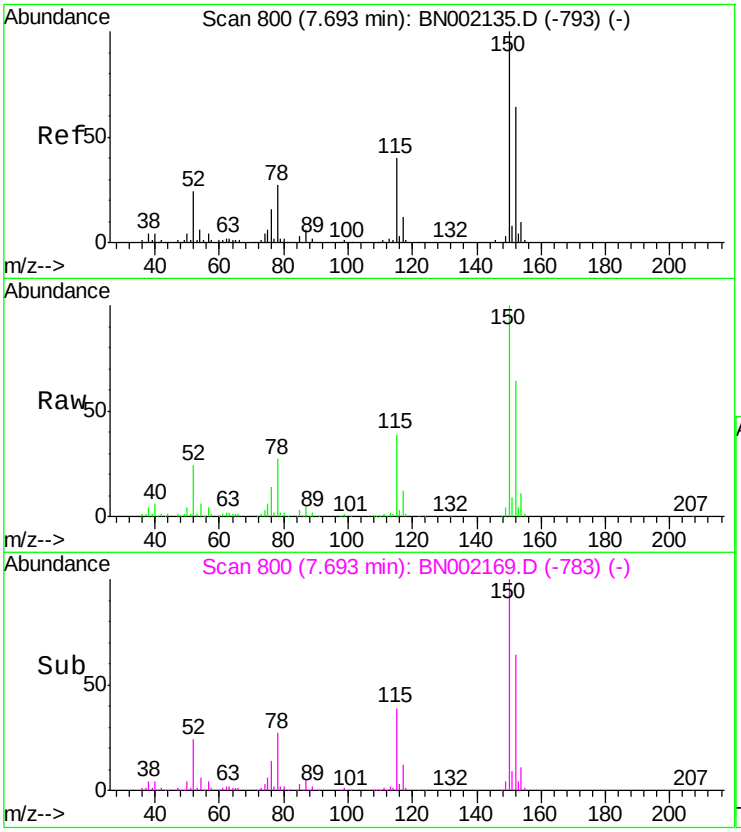
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072618\
Data File : BN002169.D
Acq On : 26 Jul 2018 11:18
Operator : JU/SJ
Sample : J4086-22DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
1535DL

Quant Time: Jul 27 01:36:22 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



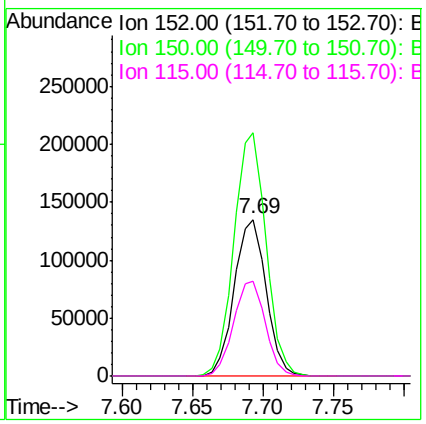


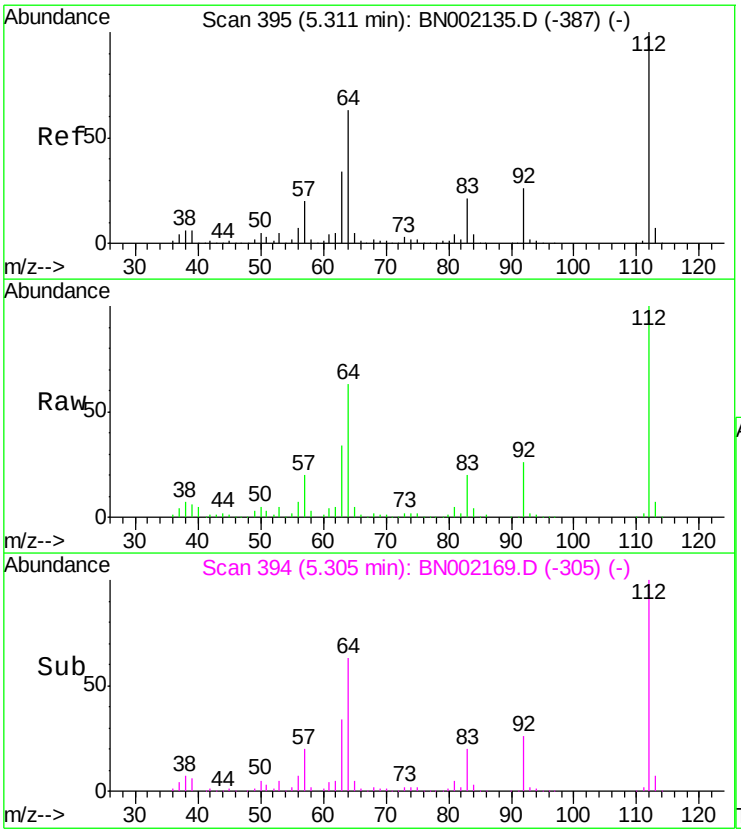
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 800
Delta R.T. 0.00 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Instrument :
BNA_N
ClientSampleId :
1535DL

Tgt Ion:152 Resp: 213814

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.6	189.8
115	60.8	53.0	79.4

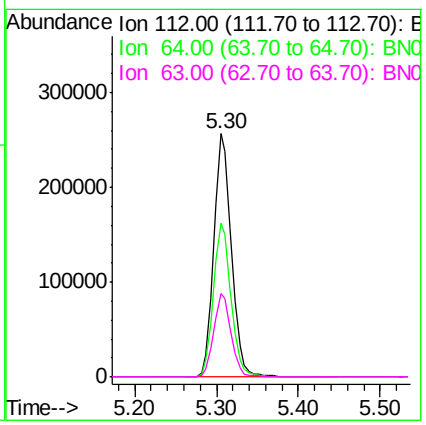


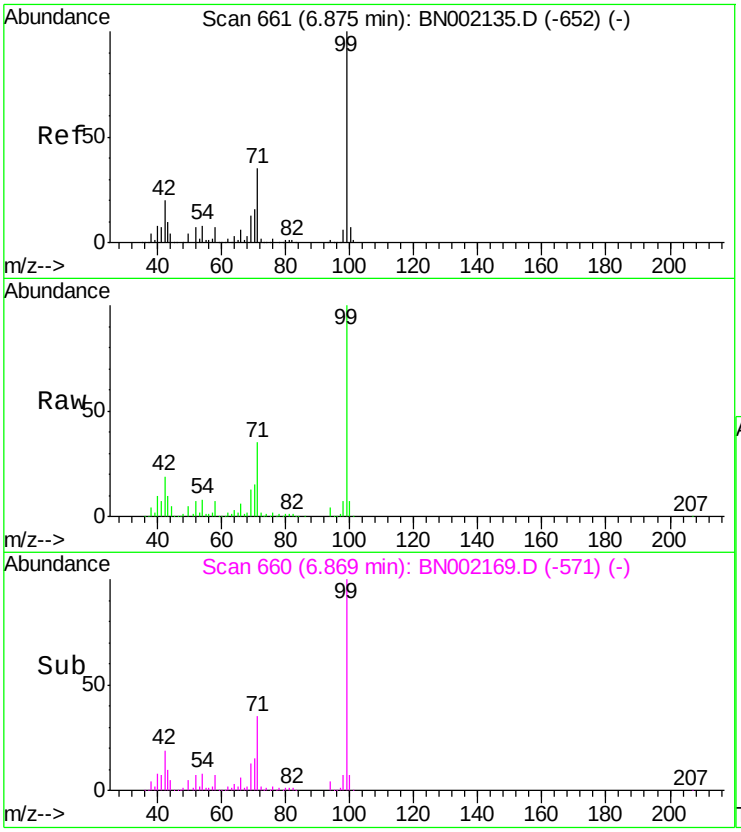


#5
2-Fluorophenol
Concen: 29.057 ng
RT: 5.30 min Scan# 394
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Tgt Ion:112 Resp: 385903

Ion	Ratio	Lower	Upper
112	100		
64	63.4	56.3	84.5
63	34.2	30.1	45.1



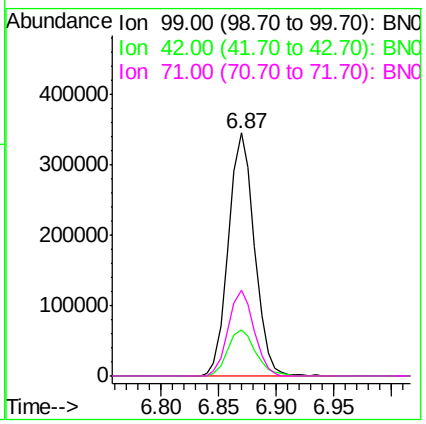


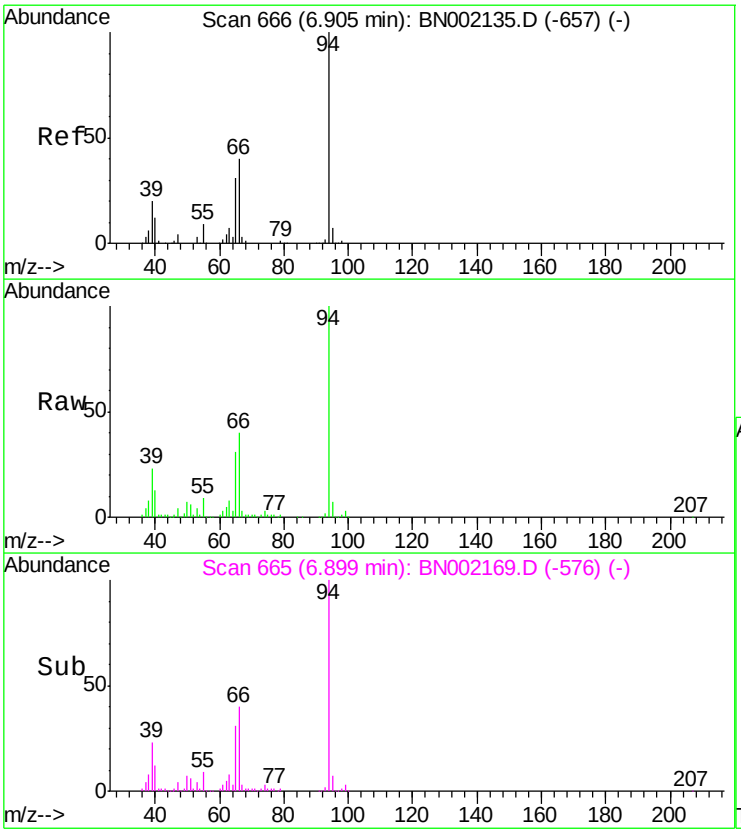
#7
Phenol-d6
Concen: 29.089 ng
RT: 6.87 min Scan# 660
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Instrument :
BNA_N
ClientSampleId :
1535DL

Tgt Ion: 99 Resp: 542137

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.1	21.1
71	35.2	26.1	39.1

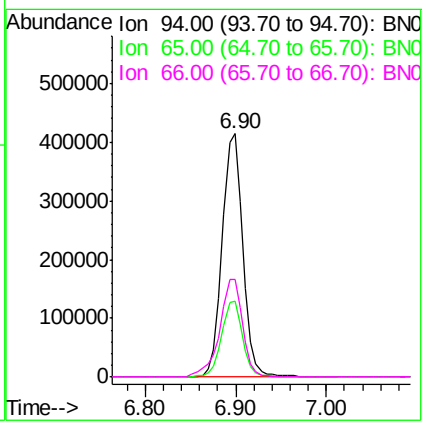


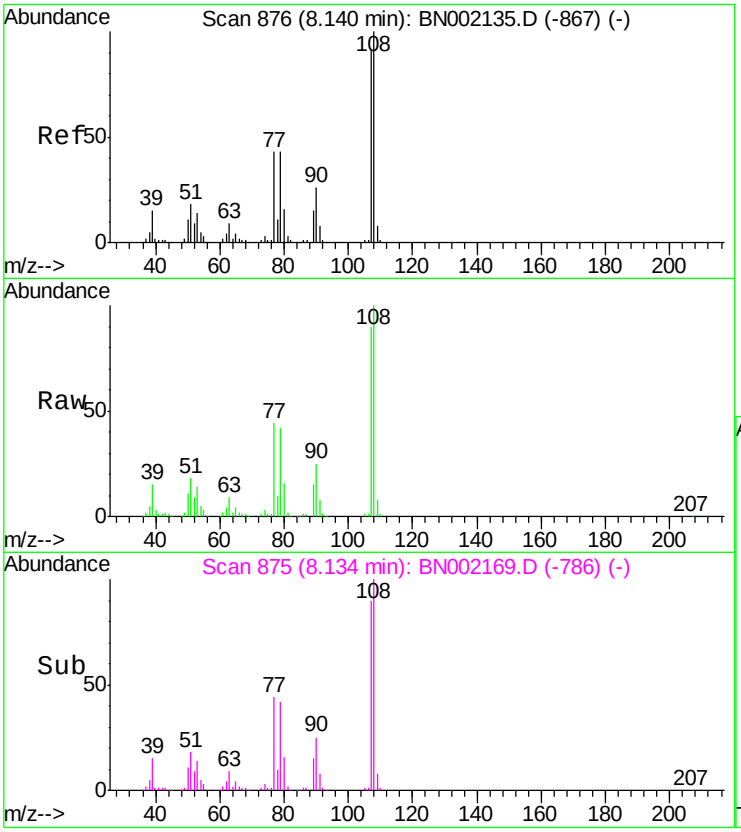


#10
Phenol
Concen: 34.313 ng
RT: 6.90 min Scan# 665
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Tgt Ion: 94 Resp: 655521

Ion	Ratio	Lower	Upper
94	100		
65	31.4	11.9	51.9
66	39.9	22.2	62.2



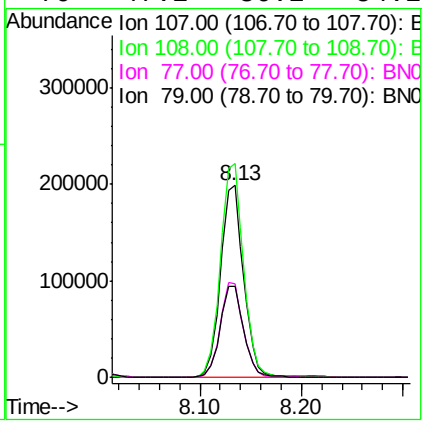


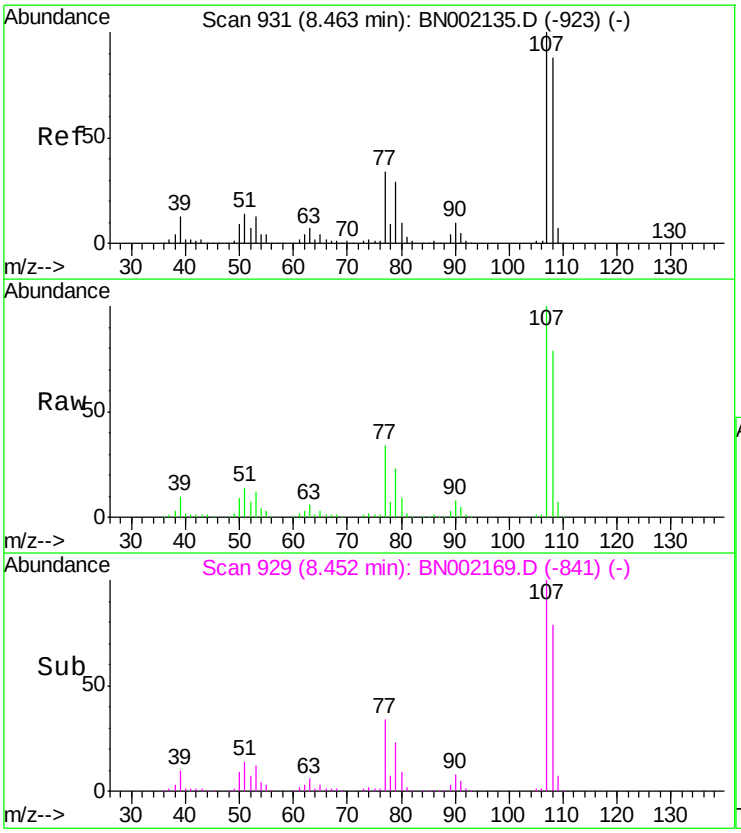
#17
2-Methylphenol
Concen: 24.171 ng
RT: 8.13 min Scan# 875
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Instrument :
BNA_N
ClientSampleId :
1535DL

Tgt Ion:107 Resp: 315243

Ion	Ratio	Lower	Upper
107	100		
108	111.5	83.9	125.9
77	48.9	37.2	55.8
79	47.2	36.2	54.2

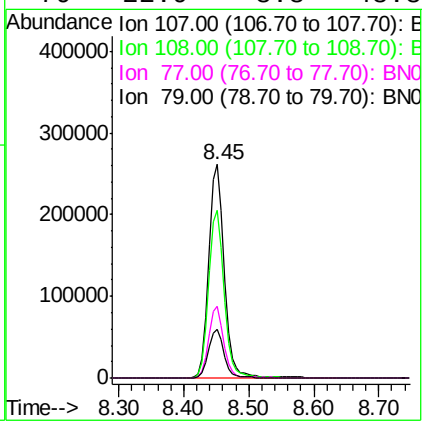


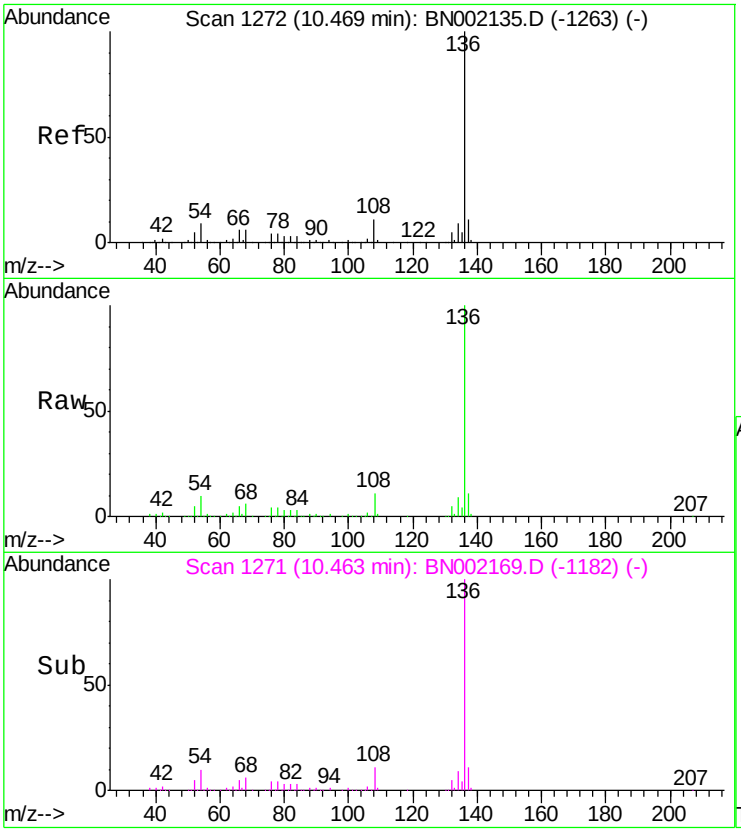


#20
3+4-Methylphenols
Concen: 23.728 ng
RT: 8.45 min Scan# 929
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Tgt Ion:107 Resp: 431787

Ion	Ratio	Lower	Upper
107	100		
108	78.8	61.6	101.6
77	33.5	13.9	53.9
79	22.9	8.8	48.8



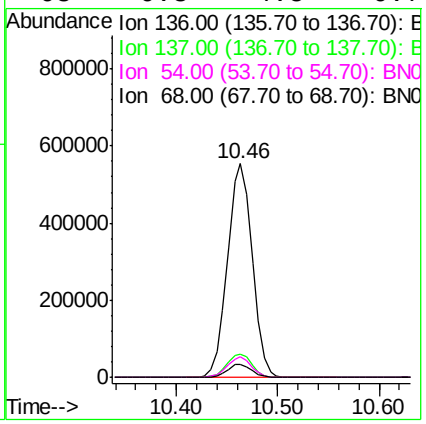


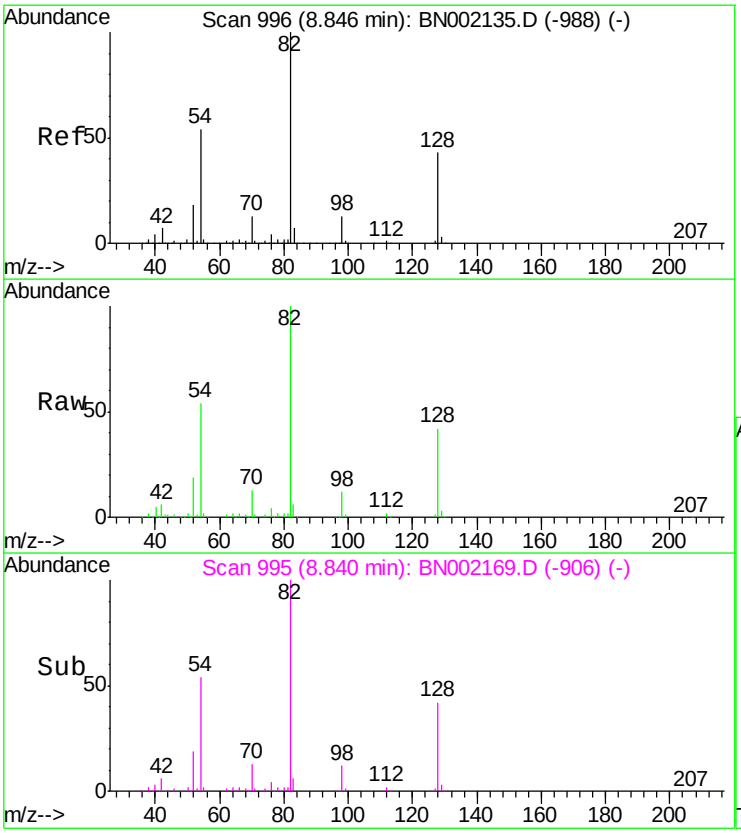
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Instrument :
BNA_N
ClientSampleId :
1535DL

Tgt Ion:136 Resp: 936213

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.8	10.3	15.5#
68	6.3	4.5	6.7

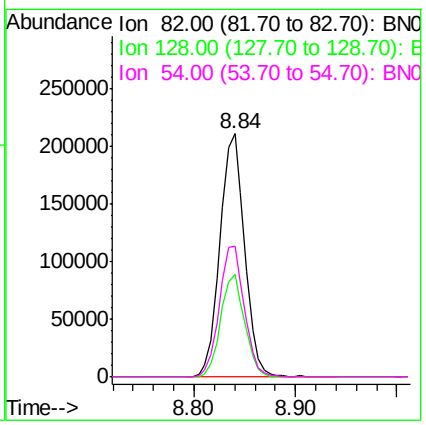


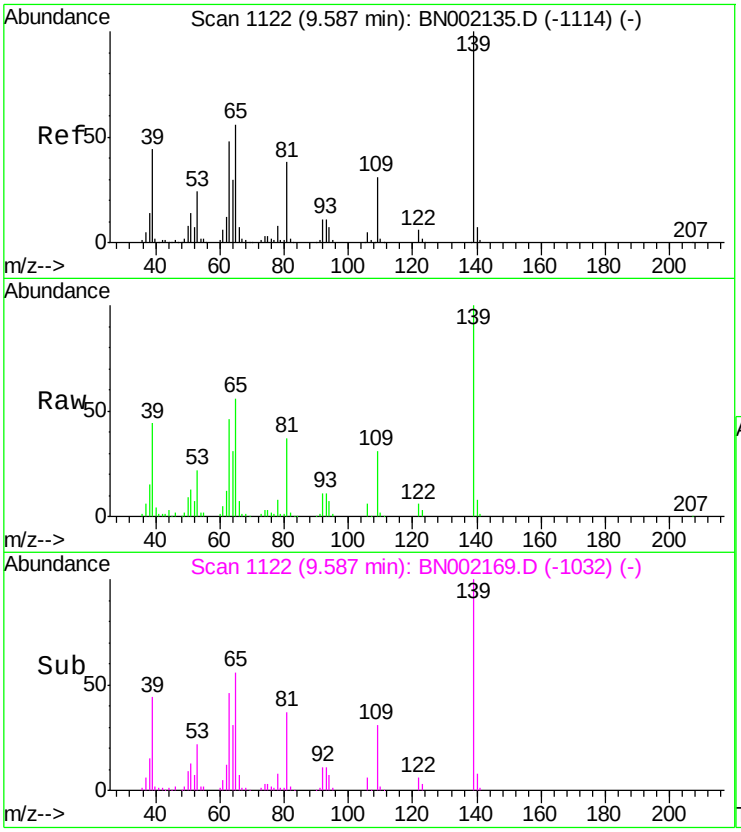


#23
Nitrobenzene-d5
Concen: 19.534 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Tgt Ion: 82 Resp: 356613

Ion	Ratio	Lower	Upper
82	100		
128	42.2	29.7	44.5
54	54.0	43.1	64.7



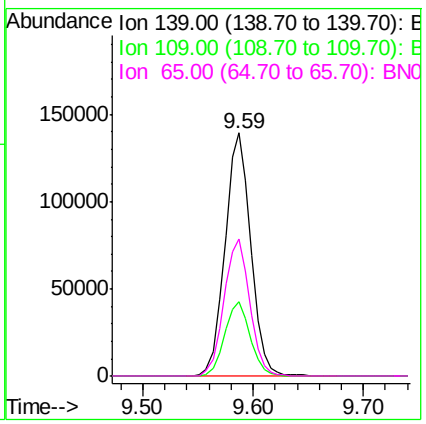


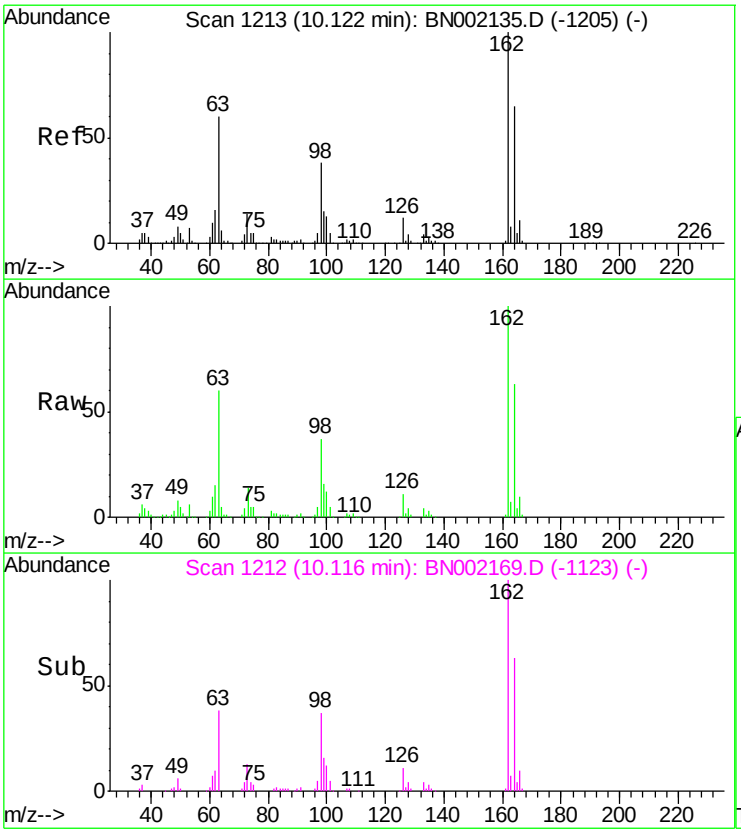
#26
2-Nitrophenol
Concen: 24.953 ng
RT: 9.59 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Instrument :
BNA_N
ClientSampleId :
1535DL

Tgt Ion:139 Resp: 228053

Ion	Ratio	Lower	Upper
139	100		
109	30.6	24.2	36.2
65	56.5	47.4	71.0

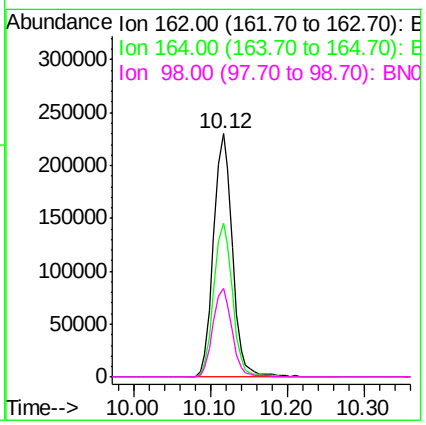


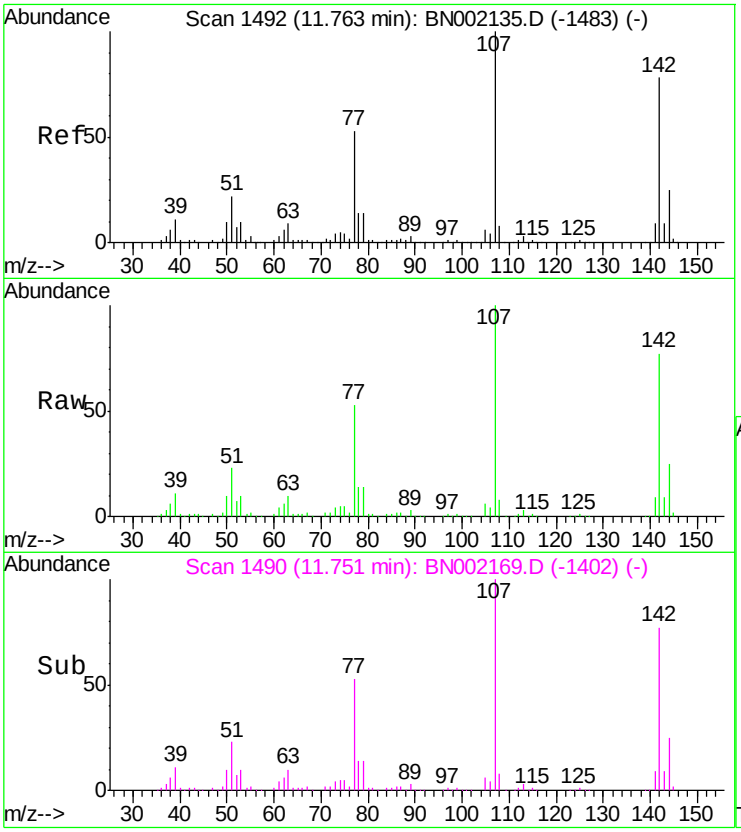


#29
2,4-Dichlorophenol
Concen: 26.344 ng
RT: 10.12 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Tgt Ion:162 Resp: 390466

Ion	Ratio	Lower	Upper
162	100		
164	63.2	48.0	88.0
98	36.5	21.1	61.1



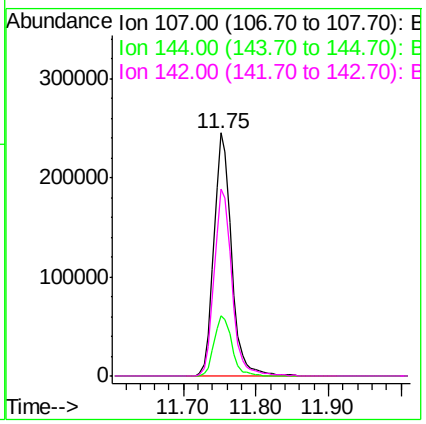


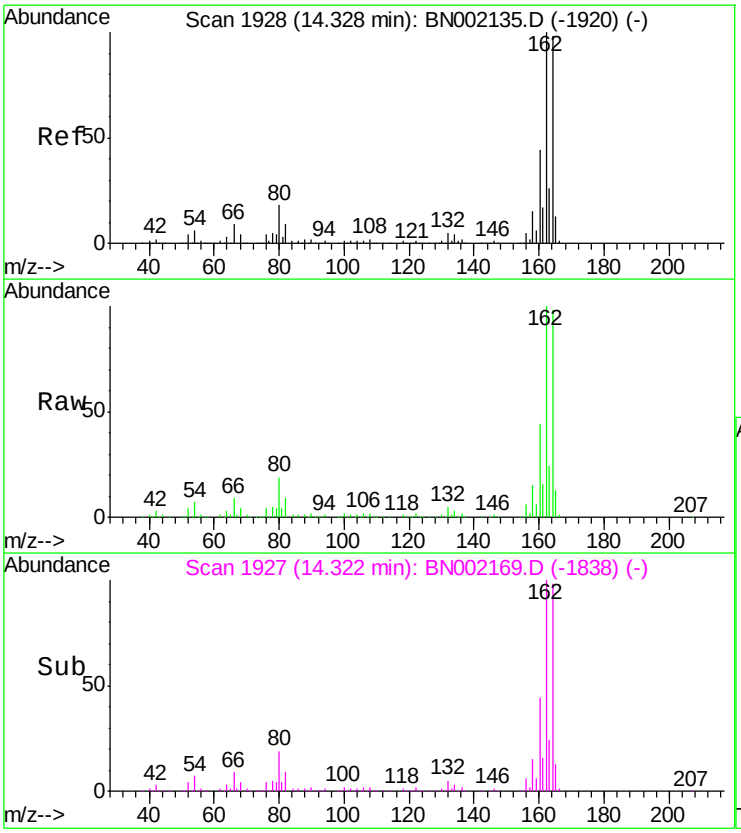
#36
4-Chloro-3-methylphenol
Concen: 24.775 ng
RT: 11.75 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Instrument :
BNA_N
ClientSampleId :
1535DL

Tgt Ion:107 Resp: 417560

Ion	Ratio	Lower	Upper
107	100		
144	24.9	18.2	27.4
142	77.1	59.0	88.4

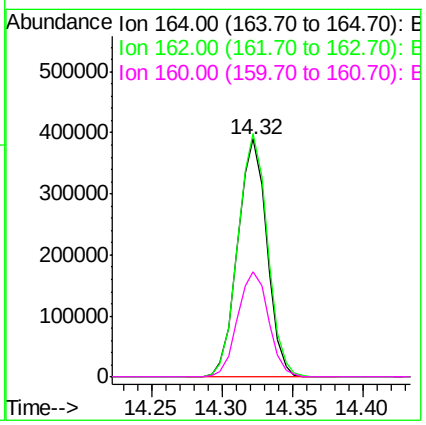


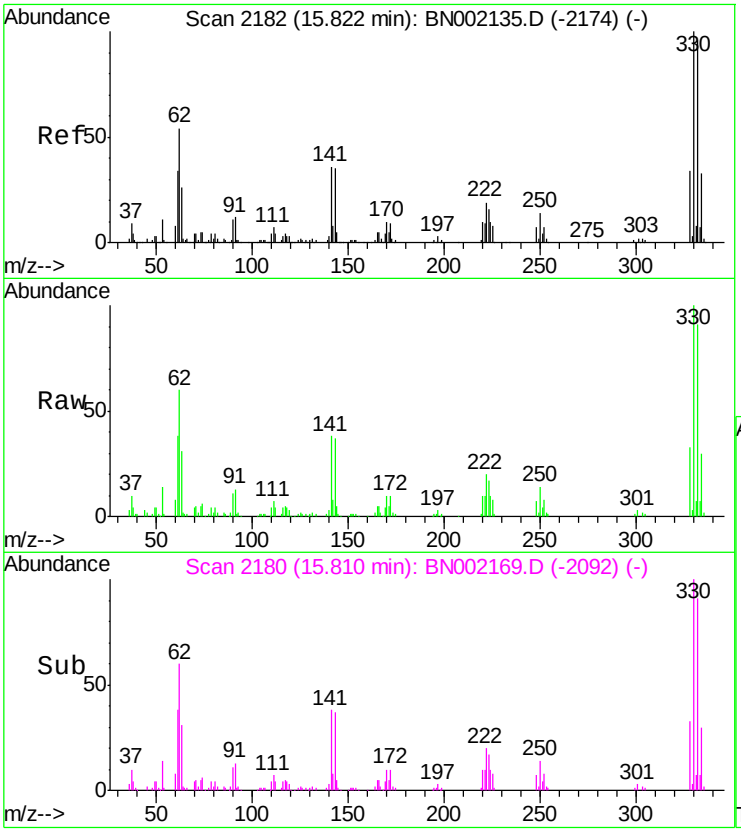


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Tgt Ion:164 Resp: 565110

Ion	Ratio	Lower	Upper
164	100		
162	102.2	78.8	118.2
160	44.5	35.4	53.0



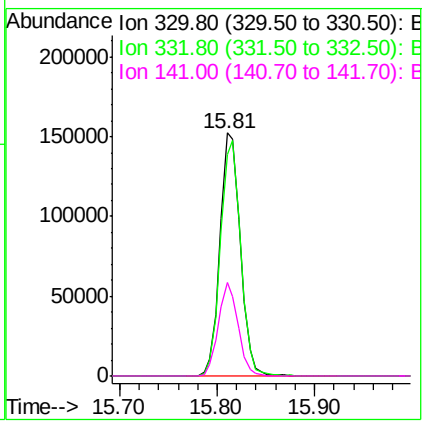


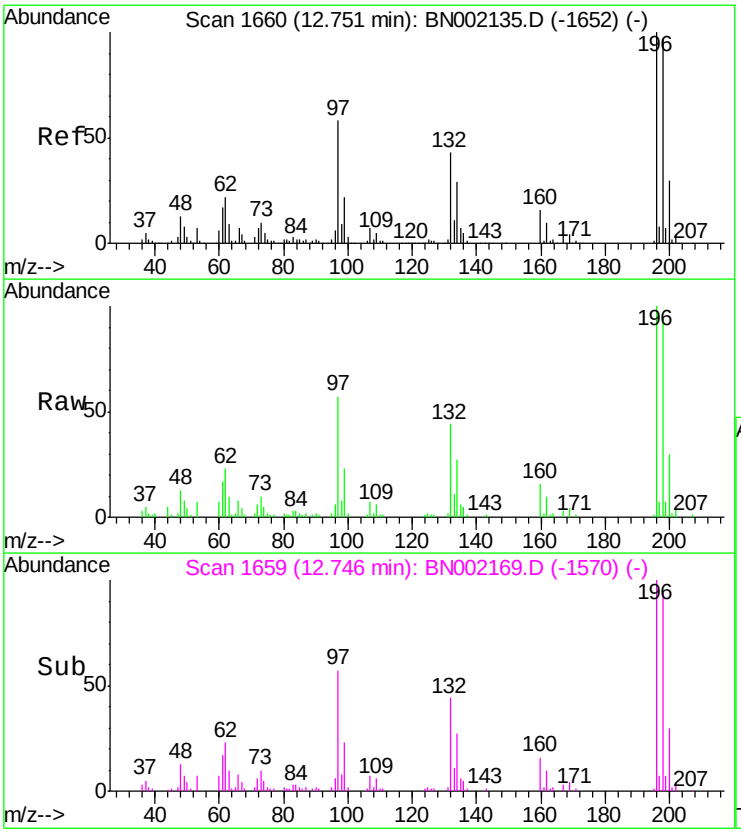
#41
2,4,6-Tribromophenol
Concen: 30.178 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Instrument :
BNA_N
ClientSampleId :
1535DL

Tgt Ion:330 Resp: 221449

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	37.2	25.2	37.8

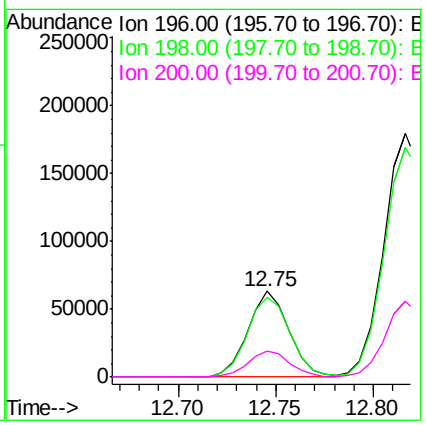


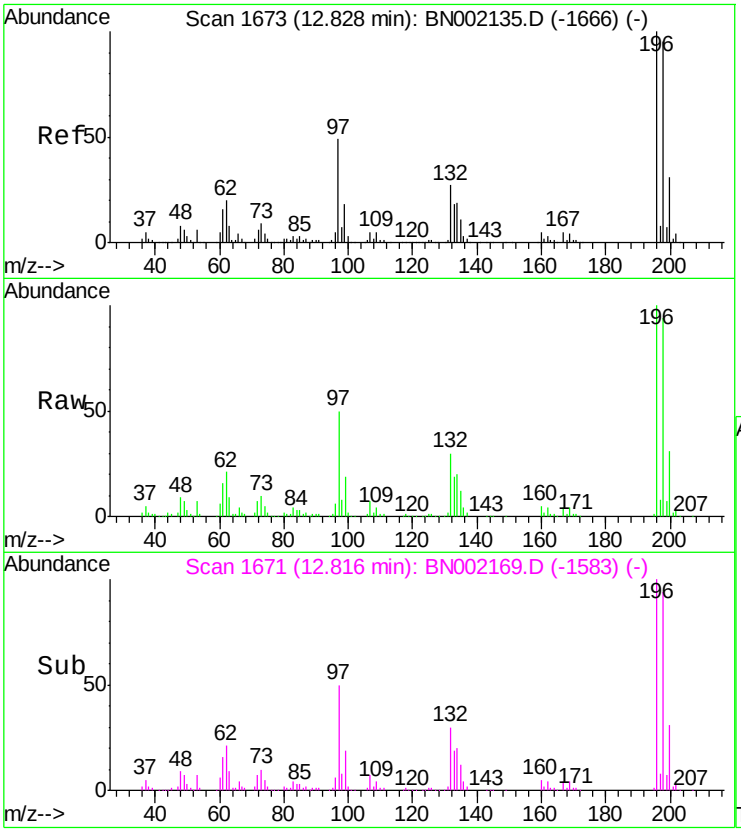


#42
2,4,6-Trichlorophenol
Concen: 7.285 ng
RT: 12.75 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Tgt Ion:196 Resp: 92876

Ion	Ratio	Lower	Upper
196	100		
198	93.5	78.2	117.2
200	29.8	24.6	36.8



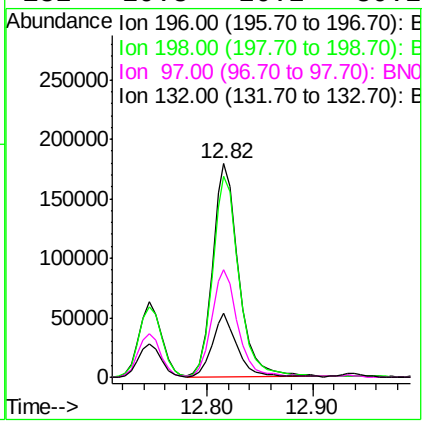


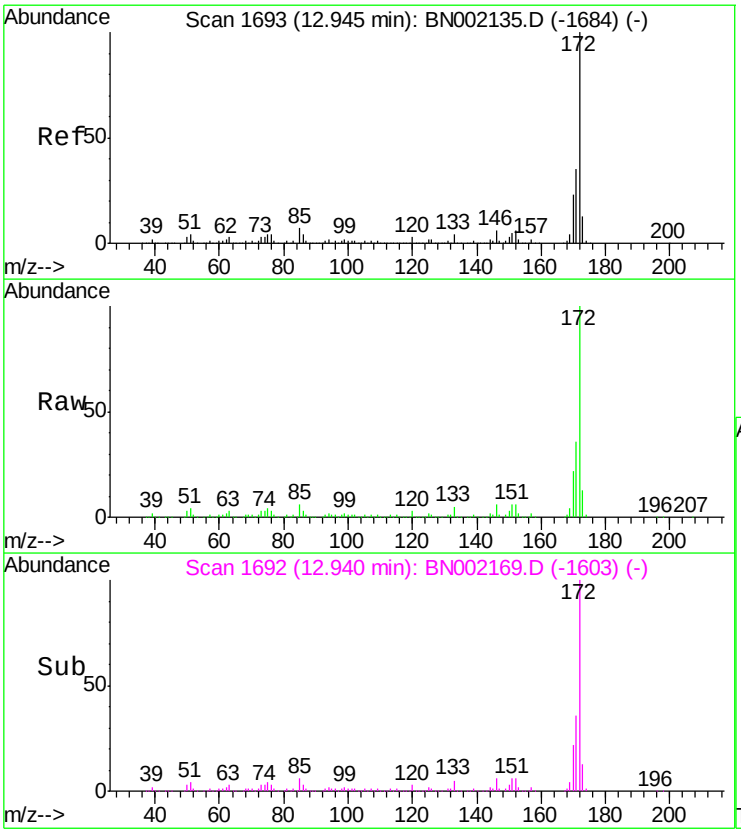
#43
2,4,5-Trichlorophenol
Concen: 22.721 ng
RT: 12.82 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Instrument :
BNA_N
ClientSampleId :
1535DL

Tgt Ion:196 Resp: 306850

Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.2	114.4
97	50.2	38.7	58.1
132	29.8	20.2	30.2

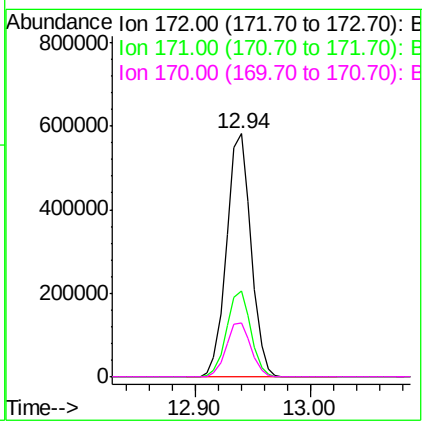


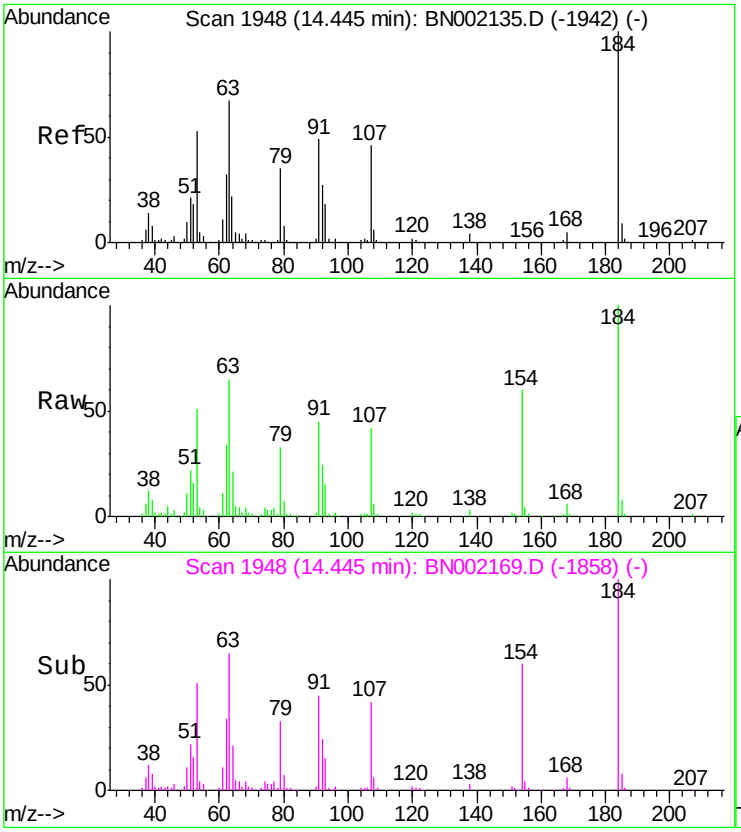


#44
2-Fluorobiphenyl
Concen: 19.601 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Tgt Ion:172 Resp: 850434

Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	22.4	19.5	29.3



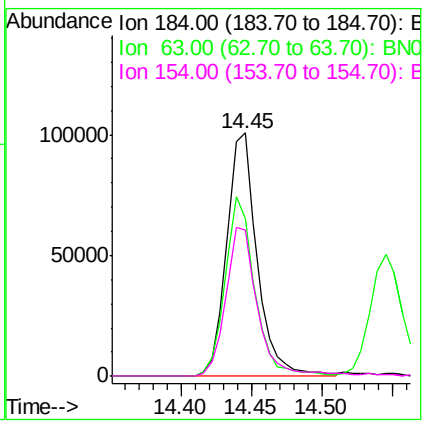


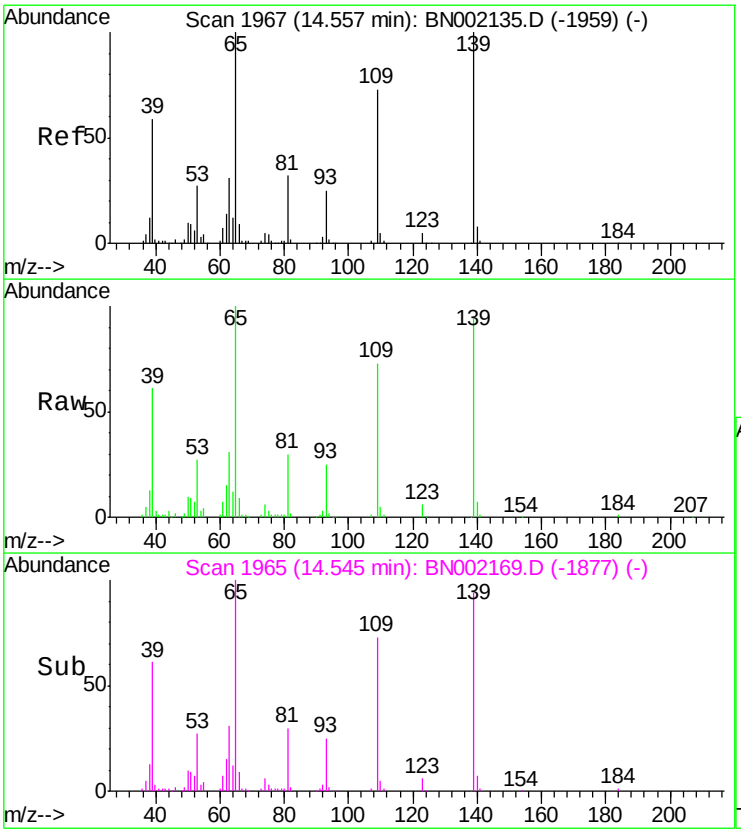
#53
2,4-Dinitrophenol
Concen: 27.469 ng
RT: 14.45 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Instrument :
BNA_N
ClientSampleId :
1535DL

Tgt Ion:184 Resp: 151685

Ion	Ratio	Lower	Upper
184	100		
63	65.0	56.0	84.0
154	60.1	48.0	72.0

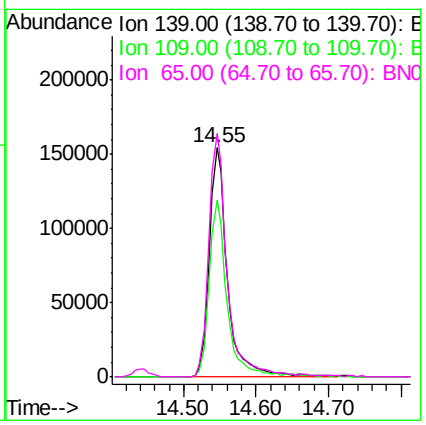


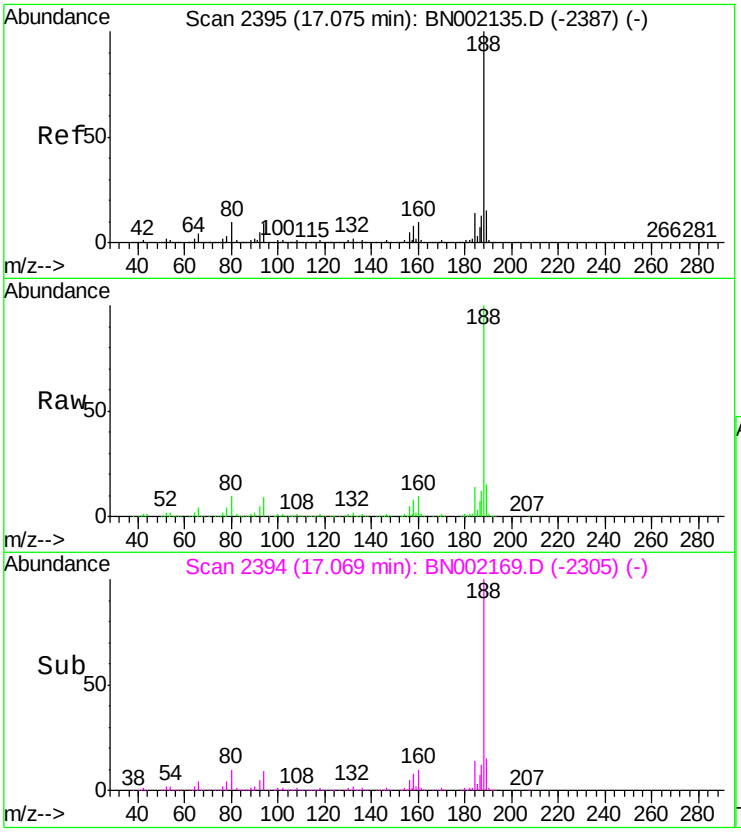


#55
4-Nitrophenol
Concen: 31.220 ng
RT: 14.55 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Tgt Ion:139 Resp: 270832

Ion	Ratio	Lower	Upper
139	100		
109	77.3	62.2	102.2
65	106.4	97.2	137.2



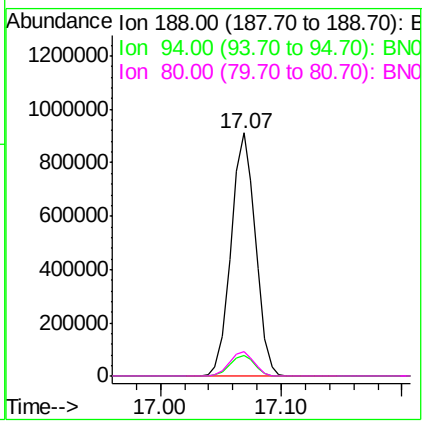


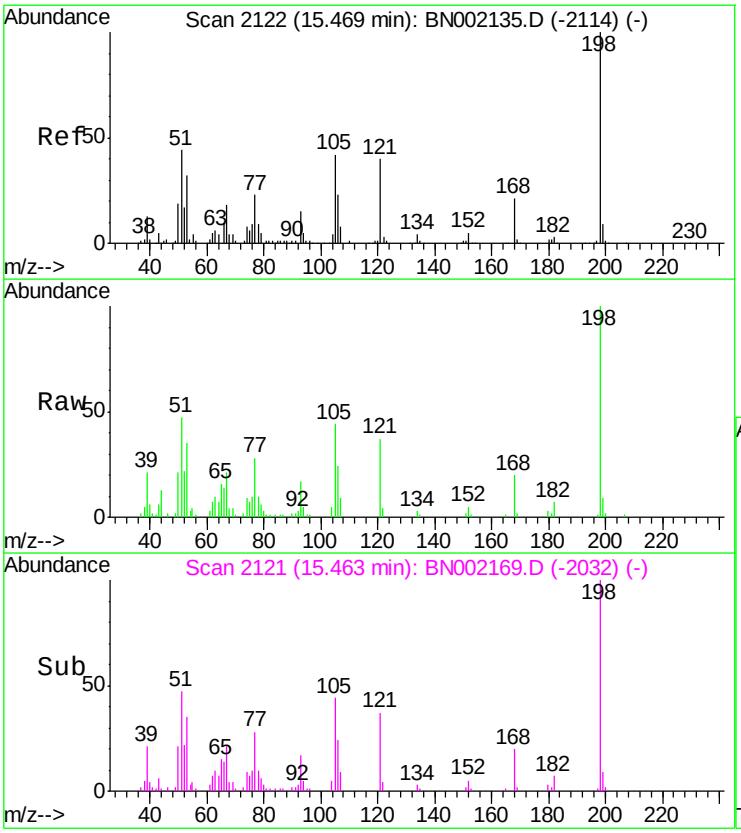
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Instrument :
BNA_N
ClientSampleId :
1535DL

Tgt Ion:188 Resp: 1286601

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.9	10.3
80	10.4	7.7	11.5

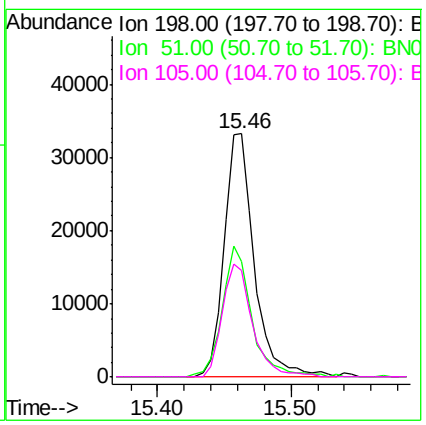


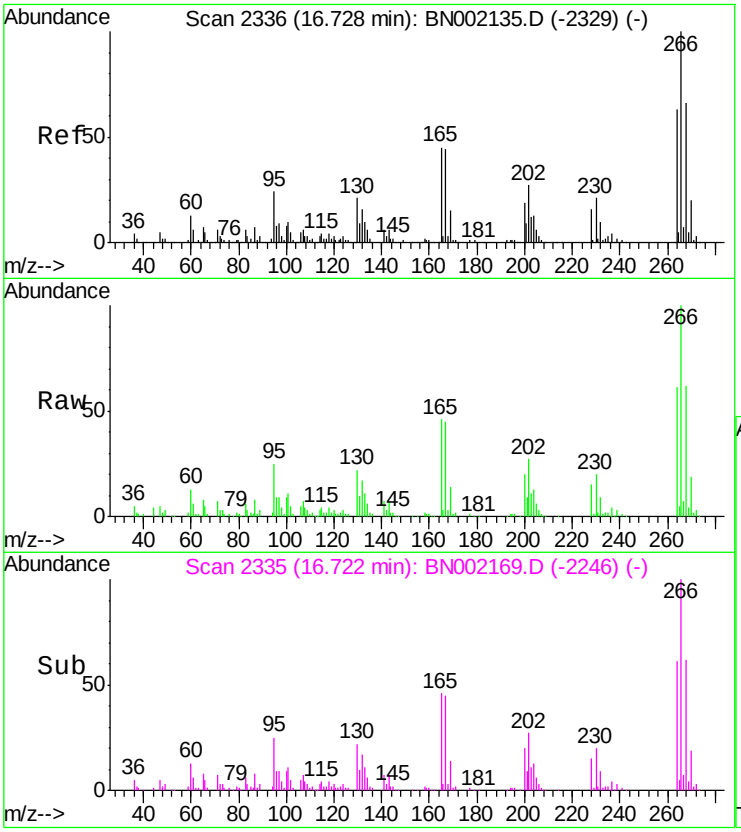


#64
4,6-Dinitro-2-methylphenol
Concen: 6.060 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Tgt Ion:198 Resp: 52636

Ion	Ratio	Lower	Upper
198	100		
51	47.3	30.6	70.6
105	43.6	23.8	63.8



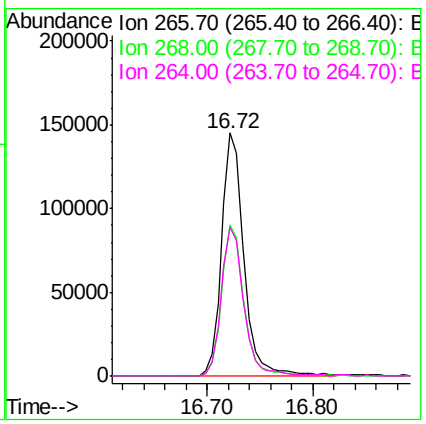


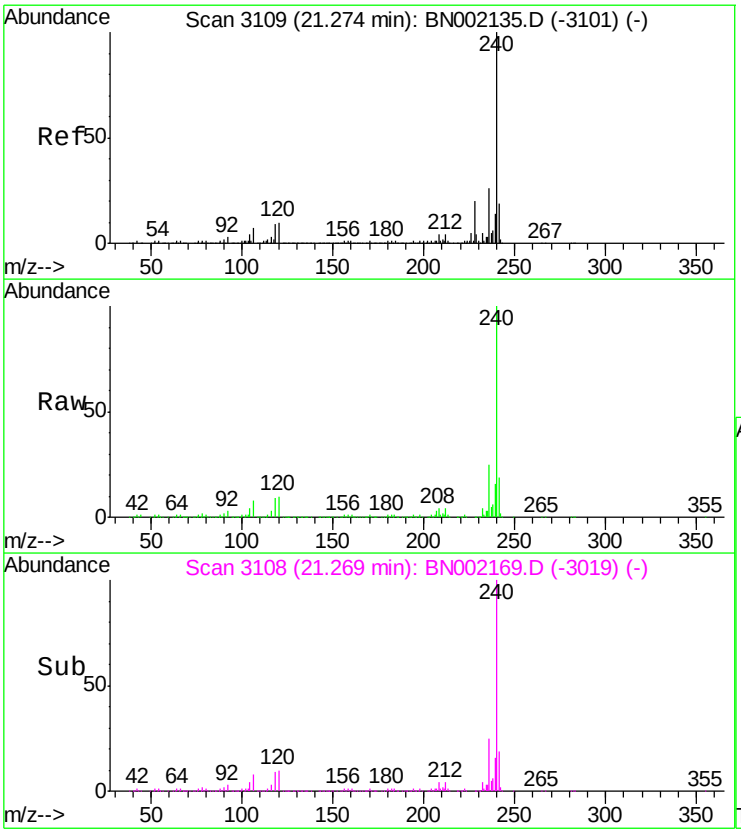
#69
Pentachlorophenol
Concen: 19.943 ng
RT: 16.72 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Instrument :
BNA_N
ClientSampleId :
1535DL

Tgt Ion:266 Resp: 213864

Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	61.2	49.6	74.4

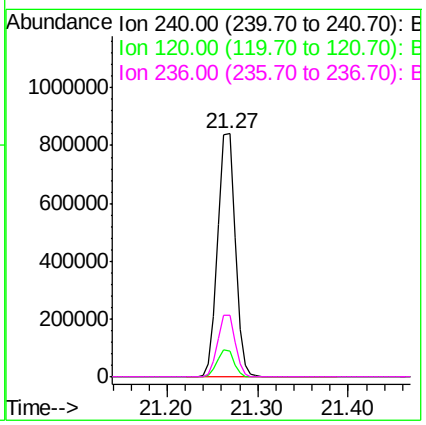


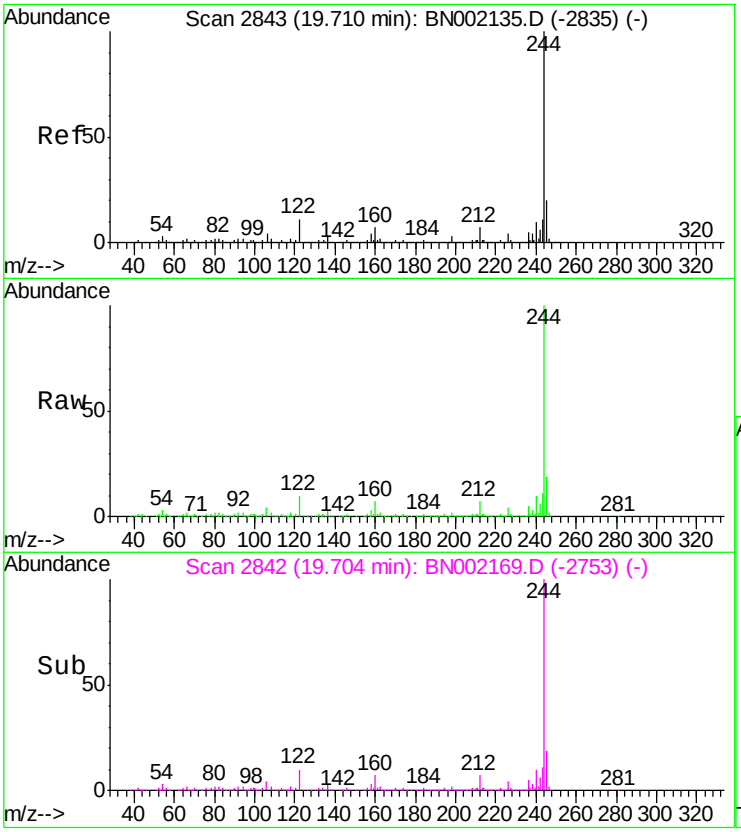


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Tgt Ion:240 Resp: 1125850

Ion	Ratio	Lower	Upper
240	100		
120	10.4	6.8	10.2#
236	25.4	20.9	31.3



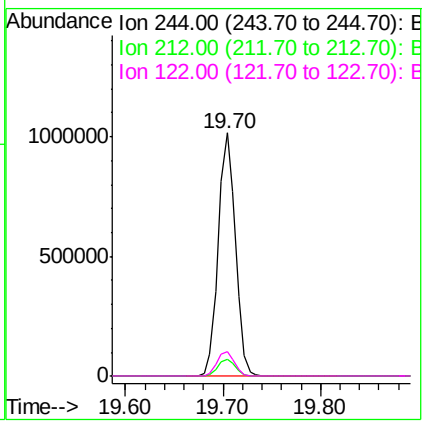


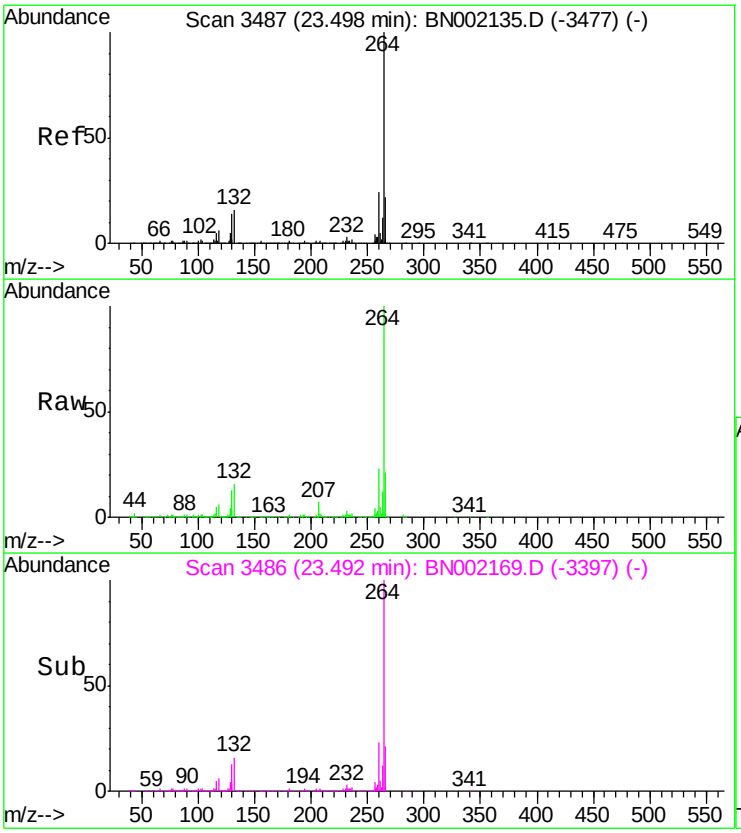
#78
Terphenyl-d14
Concen: 23.033 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Instrument :
BNA_N
ClientSampleId :
1535DL

Tgt Ion:244 Resp: 1243341

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BN002169.D
Acq: 26 Jul 2018 11:18

Tgt Ion:264 Resp: 952991

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	20.9	17.7	26.5