Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 23 02:24:42 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	144043	20.00	ng/ul	0.00
18) Naphthalene-d8	11.26	136	609484	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	342981	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.78	188	721044	20.00	ng/ul	0.02
75) Chrysene-d12	21.88	240	775565	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	824098	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	826	0.20	ng/uL	0.00
5) Phenol-d5	7.57	99	24178	1.80	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.72	67	30513	3.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	24712	2.43	ng/ul	0.00
13) 4-Methylphenol-d8	9.14	113	24347	2.33	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	23162	4.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	11404	2.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.88	165	27209	2.96	ng/ul	0.01
29) 4-Chloroaniline-d4	11.35	131	75348	7.99	ng/ul	-0.03
43) Dimethylphthalate-d6	14.42	166	76768	2.83	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	101828	2.85	ng/ul	0.00
51) 4-Nitrophenol-d4	15.23	143	35036	6.96	ng/ul	0.00
57) Fluorene-d10	16.02	176	69877	3.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.16	200	34928	8.46	ng/ul	0.02
70) Anthracene-d10	17.88	188	100251	2.89	ng/ul	0.02
76) Pyrene-d10	20.12	212	112141	2.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	106976	2.75	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.54	77	50404	9.200	ng/ul#	1
6) Phenol	7.60	94	18031	1.315	ng/ul#	11
14) Acetophenone	9.37	105	83713	5.380	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.21	70	11464	1.409	ng/ul#	67
17) Hexachloroethane	9.53	117	87977	20.325	ng/ul#	1
20) Nitrobenzene	9.62	77	21183	1.734	ng/ul#	32
21) Isophorone	10.17	82	287581	12.346	ng/ul#	77
28) Naphthalene	11.31	128	336002	10.498	ng/ul#	95
33) 4-Chloro-3-methylphenol	12.53	107	14418	1.375	ng/ul#	23
34) 2-Methylnaphthalene	12.89	142	621579	29.088	ng/ul	100
38) 2,4,6-Trichlorophenol	13.49	196	18516	2.649	ng/ul	98
39) 2,4,5-Trichlorophenol	13.57	196	13311	1.826	ng/ul	97
40) 1,1'-Biphenyl	13.88	154	59518	2.038	ng/ul#	94
45) 2,6-Dinitrotoluene	14.56	165	16506	3.056	ng/ul#	45
49) Acenaphthene	15.10	153	57476	2.407	ng/ul#	86
50) 2,4-Dinitrophenol	15.20	184	3903	1.532	ng/ul	96
52) 4-Nitrophenol	15.27	109	60823	15.643	ng/ul#	9
53) Dibenzofuran	15.58	168	33995	1.048	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.67	232	2220088	398.923	ng/ul#	86
58) Fluorene	16.08	166	97691	3.791	ng/ul#	87
60) 4-Nitroaniline	16.10	138	43540	7.432	ng/ul#	59
63) 4,6-Dinitro-2-methylphenol	16.16	198	89502	20.530	ng/ul	98
64) N-Nitrosodiphenylamine	16.27	169	94675	3.986	ng/ul#	41

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 23 02:24:42 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) Pentachlorophenol	17.47	266	6487237	1583.440	ng/ul	95
69) Phenanthrene	17.82	178	615497	14.817	ng/ul	96
71) Anthracene	17.82	178	615497	14.451	ng/ul	98
72) Carbazole	18.17	167	38533	1.055	ng/ul#	54
74) Fluoranthene	19.79	202	426708	10.338	ng/ul#	78
77) Pyrene	20.15	202	383145	6.764	ng/ul#	75
80) Benzo(a)anthracene	21.87	228	78730	1.524	ng/ul#	93
81) Bis(2-ethylhexyl)phthalate	21.75	149	408879	10.009	ng/ul#	99
82) Chrysene	21.92	228	75665	1.562	ng/ul#	92
84) Di-n-octyl phthalate	22.70	149	186436	2.688	ng/ul	100
85) Benzo(b)fluoranthene	23.61	252	53164	1.021	ng/ul#	69

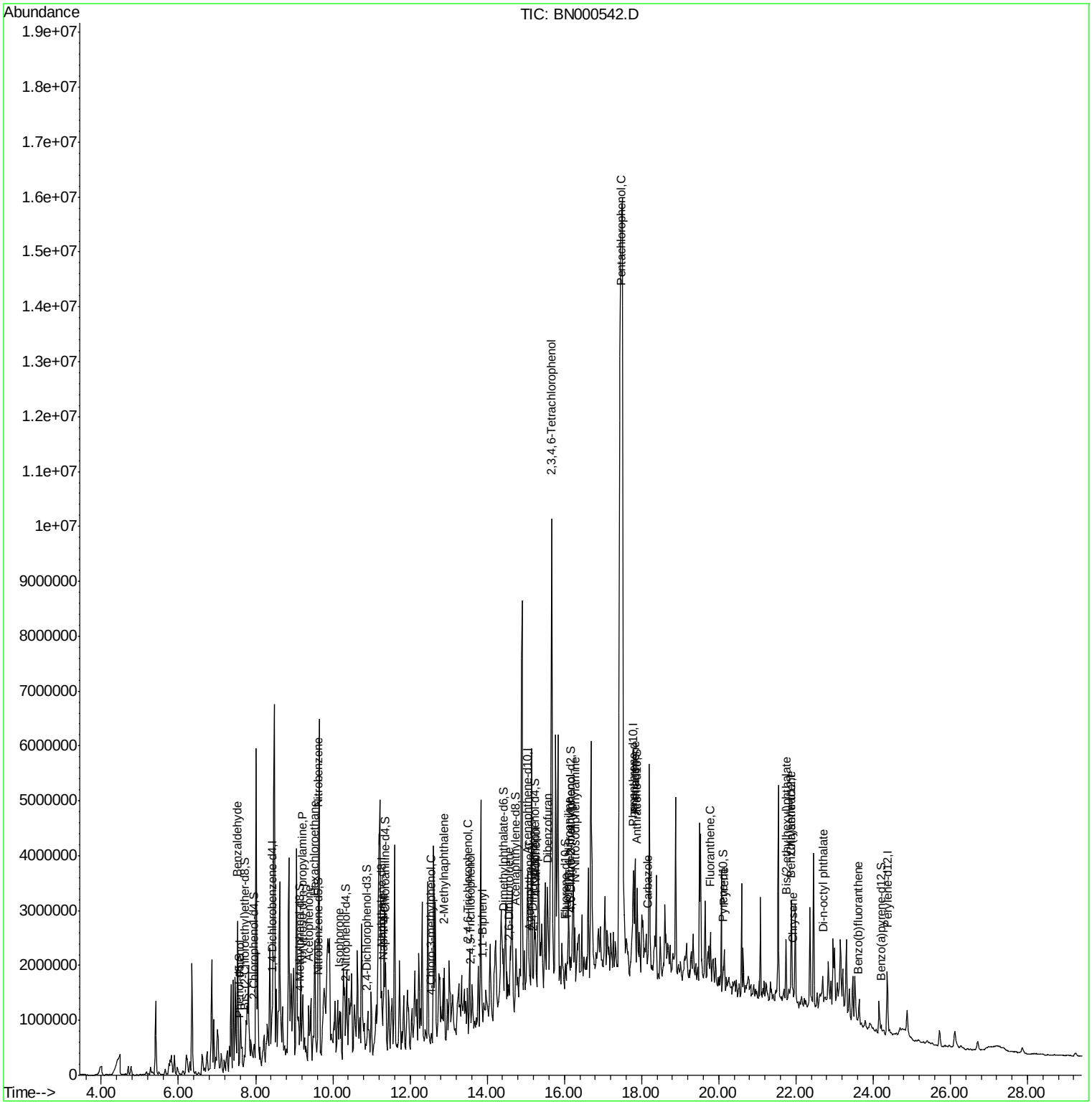
(#) = qualifier out of range (m) = manual integration (+) = signals summed

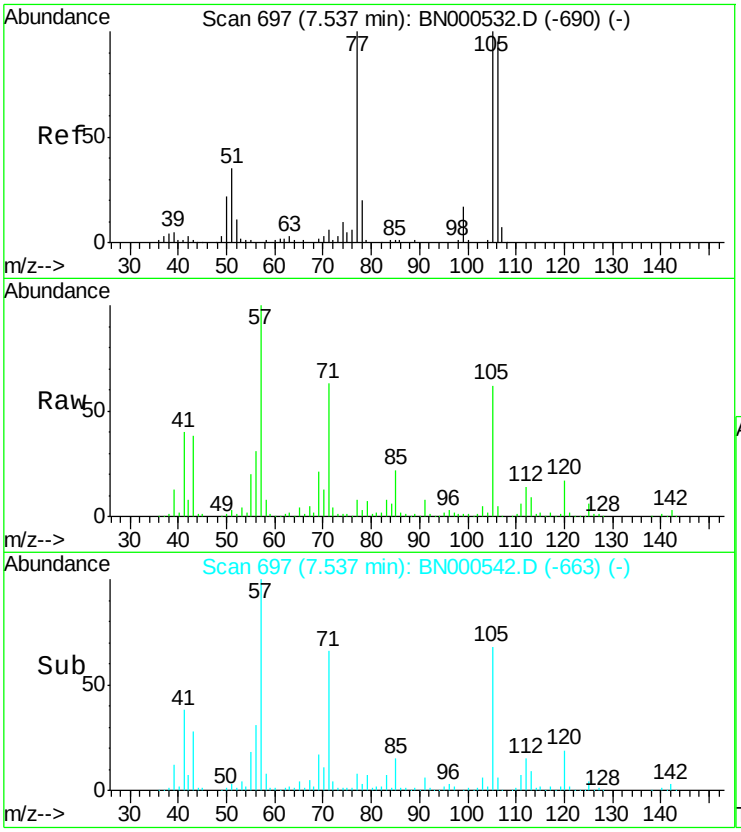
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 23 02:24:42 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration



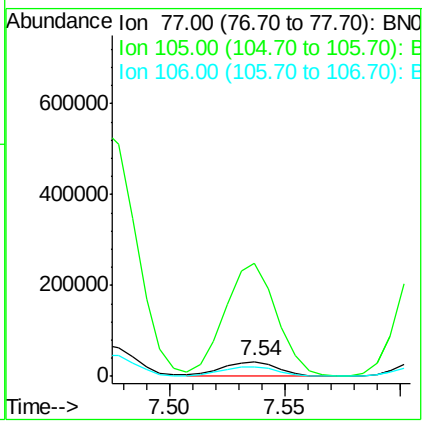


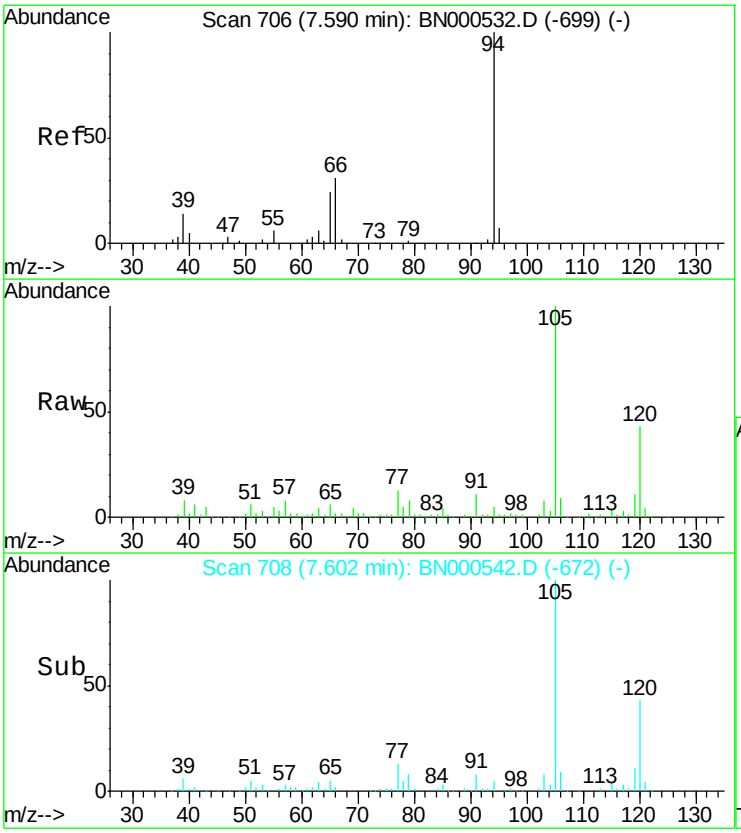
#4
Benzaldehyde
Concen: 9.200 ng/ul
RT: 7.54 min Scan# 697
Delta R.T. 0.00 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 50404

Ion	Ratio	Lower	Upper
77	100		
105	778.8	71.0	106.6#
106	67.7	69.5	104.3#

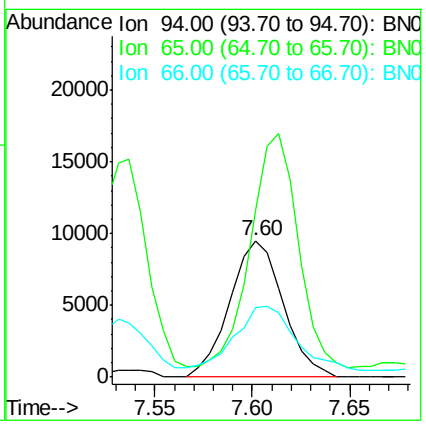


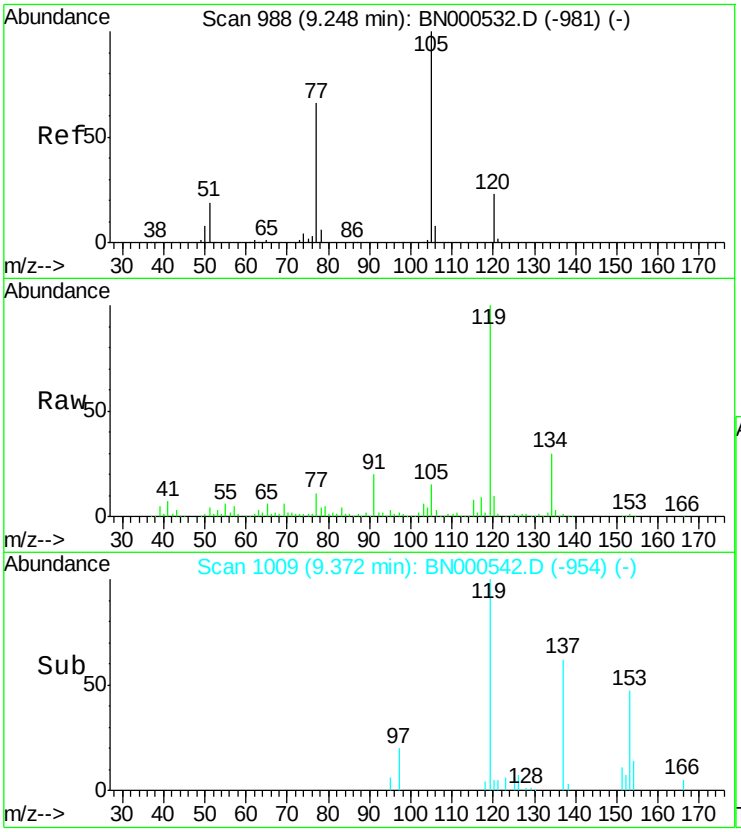


#6
Phenol
Concen: 1.315 ng/ul
RT: 7.60 min Scan# 708
Delta R.T. 0.01 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion: 94 Resp: 18031

Ion	Ratio	Lower	Upper
94	100		
65	122.7	23.0	34.6#
66	51.5	30.4	45.6#



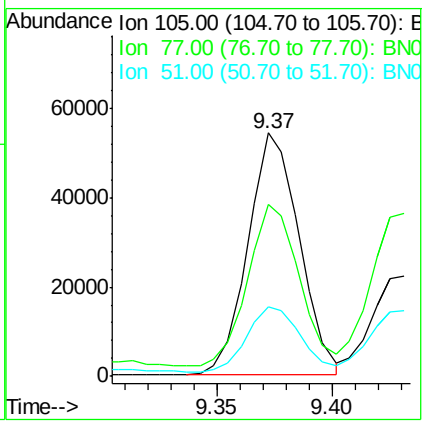


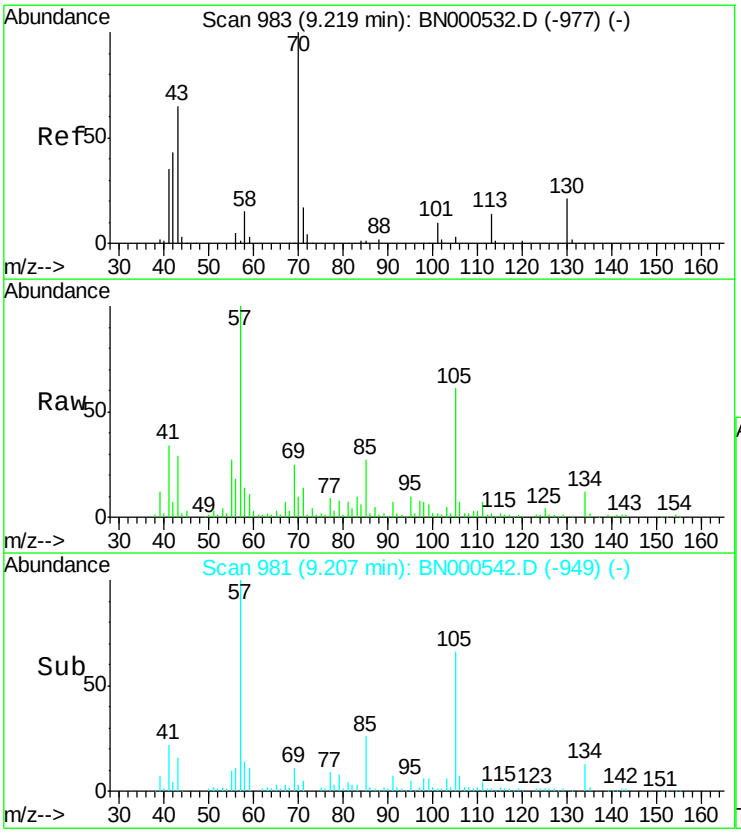
#14
Acetophenone
Concen: 5.380 ng/ul
RT: 9.37 min Scan# 1009
Delta R.T. 0.12 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:105 Resp: 83713

Ion	Ratio	Lower	Upper
105	100		
77	70.7	63.2	94.8
51	28.6	19.8	29.8

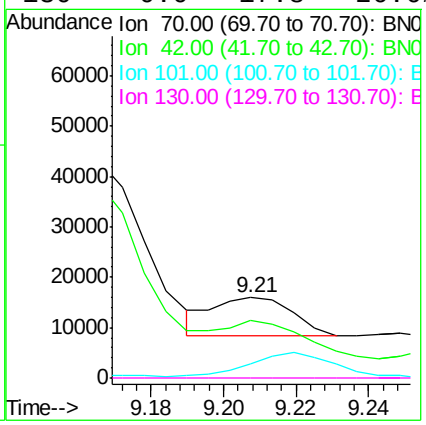


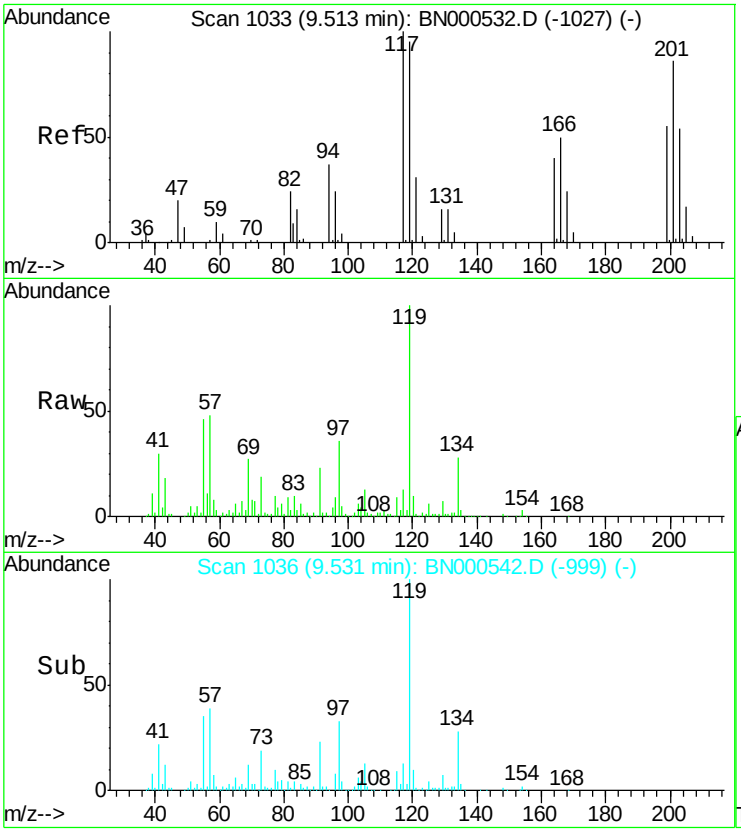


#15
N-Nitroso-di-n-propylamine
Concen: 1.409 ng/ul
RT: 9.21 min Scan# 981
Delta R.T. -0.01 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion: 70 Resp: 11464

Ion	Ratio	Lower	Upper
70	100		
42	71.0	40.2	60.4#
101	17.1	7.7	11.5#
130	0.0	17.8	26.6#



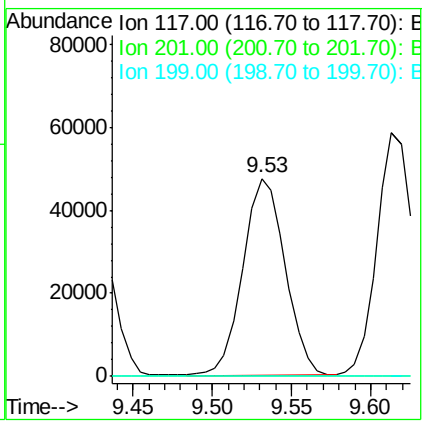


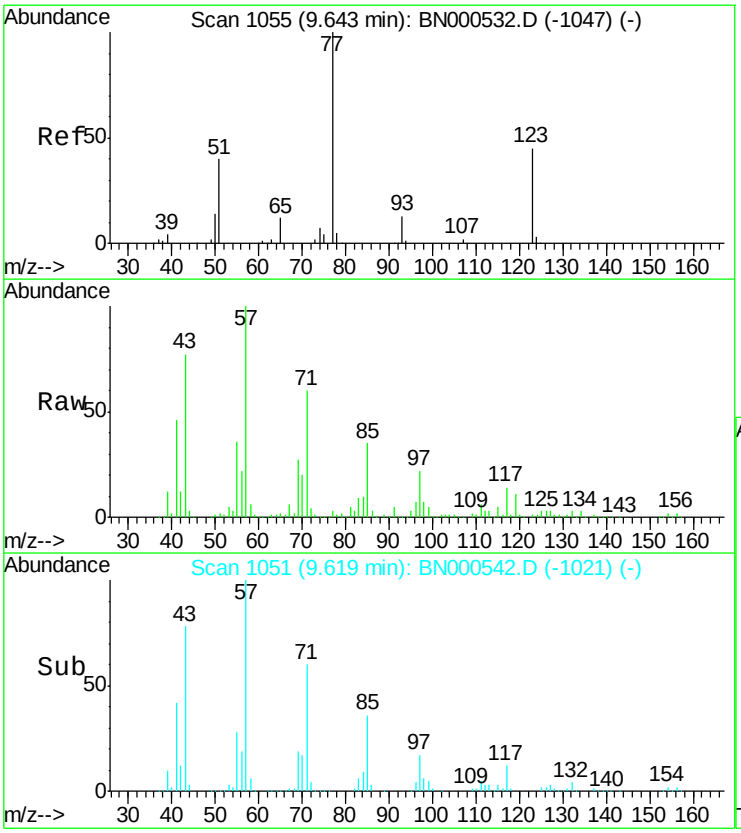
#17
Hexachloroethane
Concen: 20.325 ng/ul
RT: 9.53 min Scan# 1036
Delta R.T. 0.02 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:117 Resp: 87977

Ion	Ratio	Lower	Upper
117	100		
201	0.0	96.1	144.1#
199	0.0	59.7	89.5#

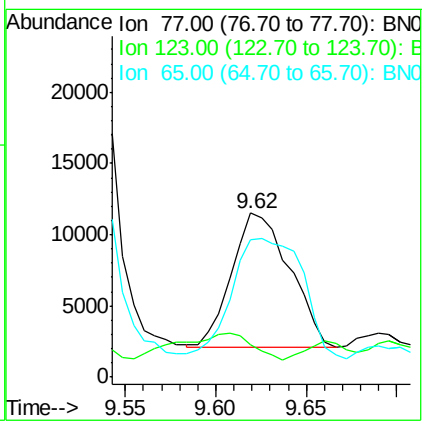


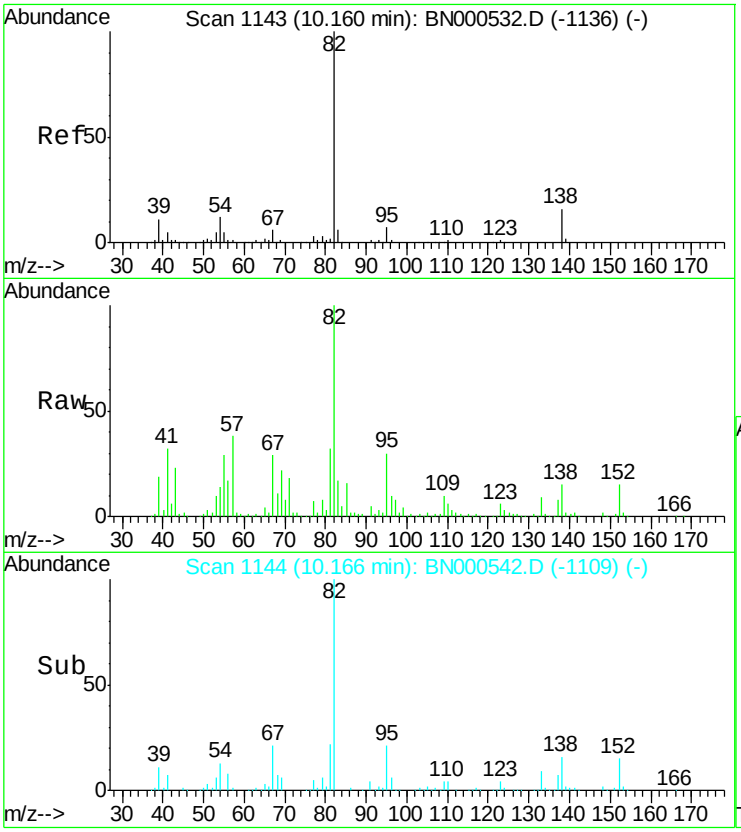


#20
Nitrobenzene
Concen: 1.734 ng/ul
RT: 9.62 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion: 77 Resp: 21183

Ion	Ratio	Lower	Upper
77	100		
123	19.6	31.8	47.8#
65	83.5	10.6	16.0#



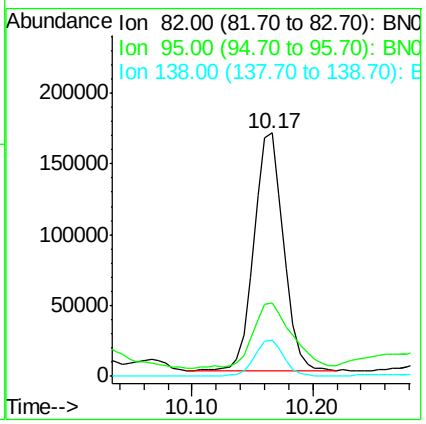


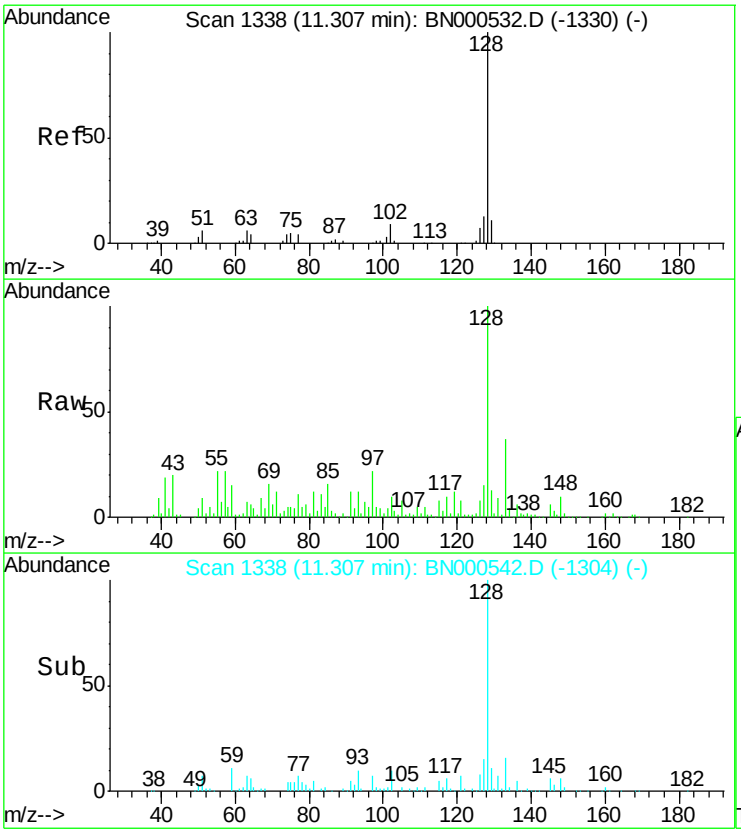
#21
Isophorone
Concen: 12.346 ng/ul
RT: 10.17 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 287581

Ion	Ratio	Lower	Upper
82	100		
95	30.0	6.1	9.1#
138	15.1	13.5	20.3

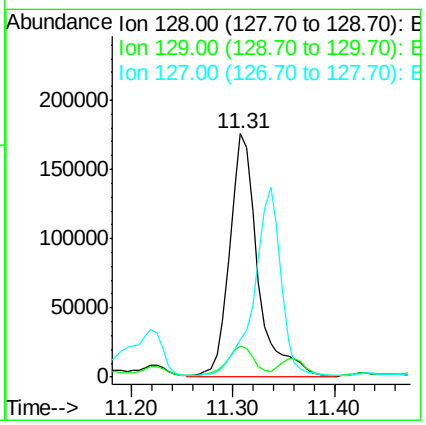


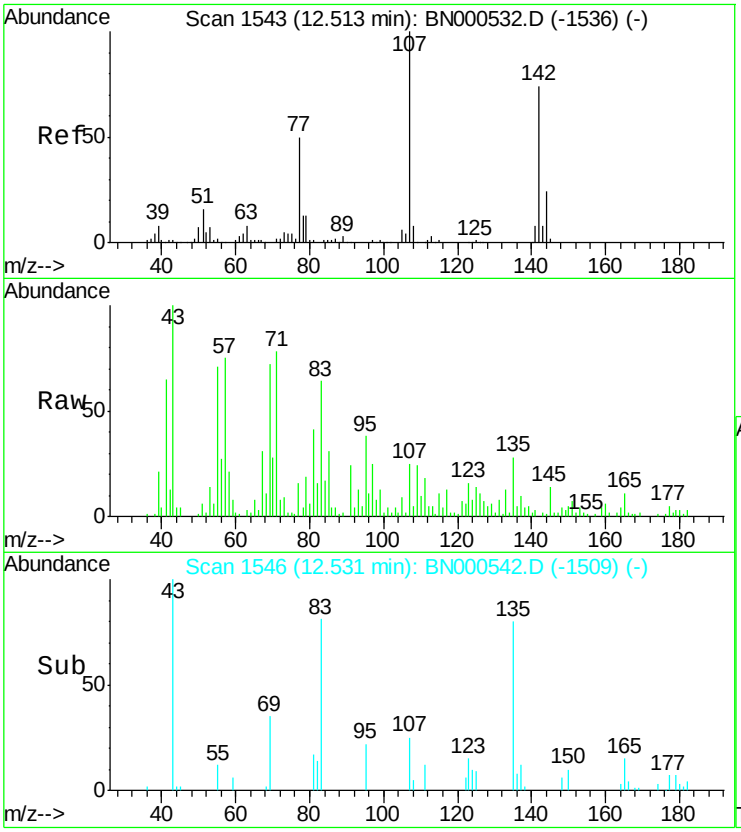


#28
Naphthalene
Concen: 10.498 ng/ul
RT: 11.31 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion:128 Resp: 336002

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.3	12.5#
127	15.3	10.8	16.2



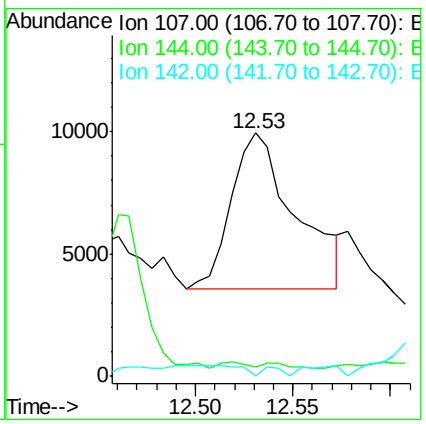


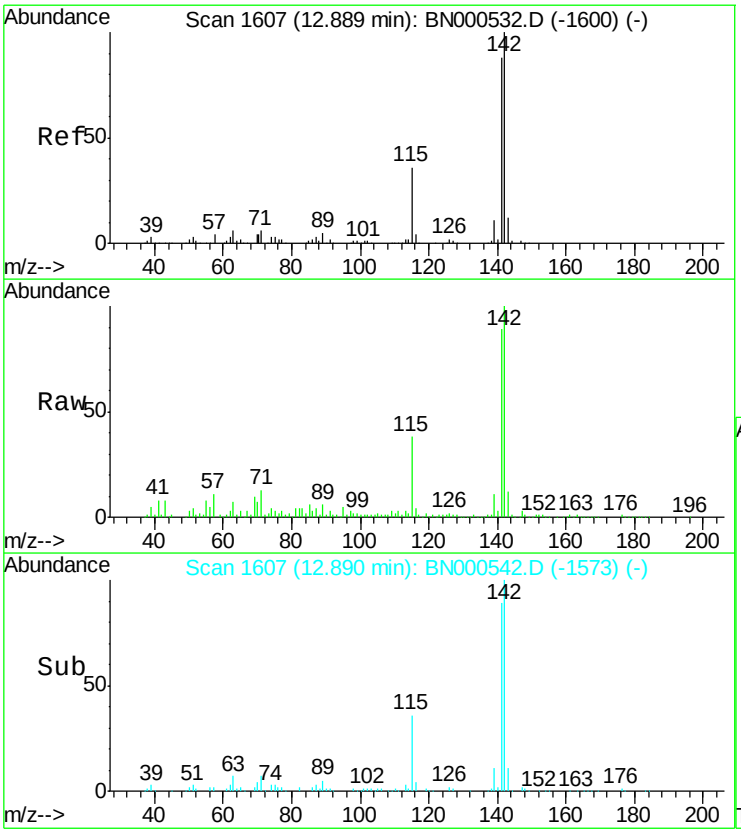
#33
4-Chloro-3-methylphenol
Concen: 1.375 ng/ul
RT: 12.53 min Scan# 1546
Delta R.T. 0.02 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:107 Resp: 14418

Ion	Ratio	Lower	Upper
107	100		
144	3.9	21.1	31.7#
142	0.0	60.1	90.1#

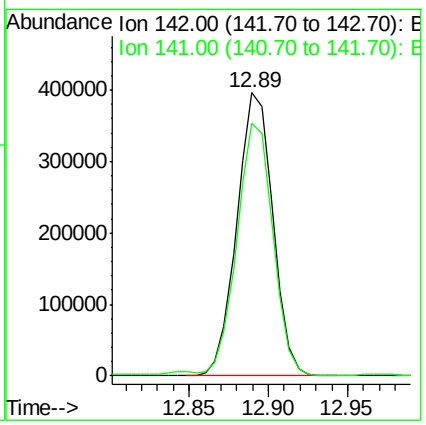


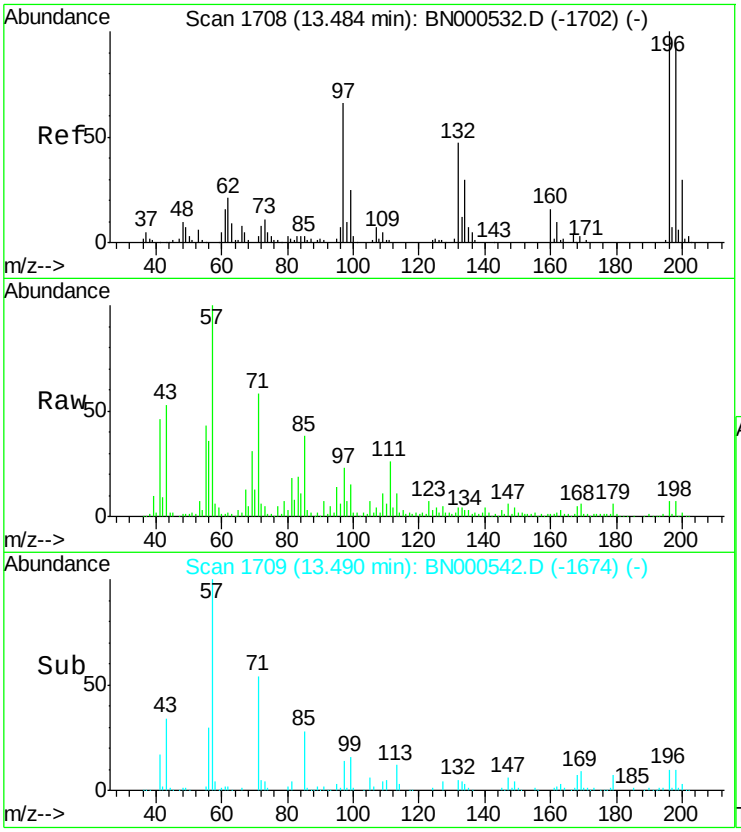


#34
2-Methylnaphthalene
Concen: 29.088 ng/ul
RT: 12.89 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion:142 Resp: 621579

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2



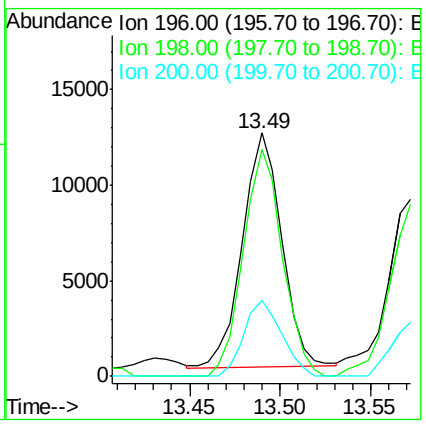


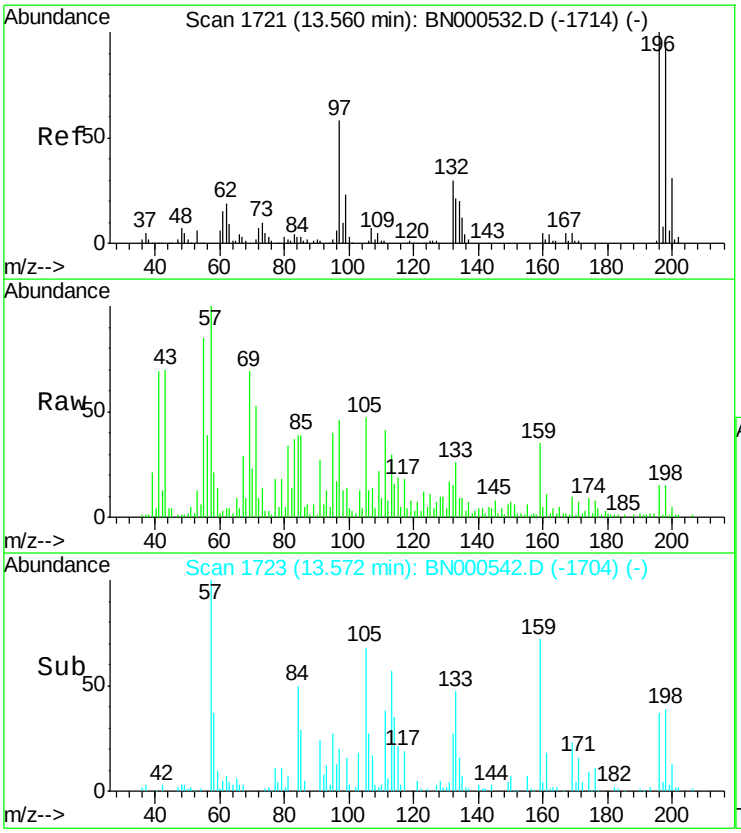
#38
2,4,6-Trichlorophenol
Concen: 2.649 ng/ul
RT: 13.49 min Scan# 1709
Delta R.T. 0.01 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:196 Resp: 18516

Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.9	113.9
200	31.0	25.8	38.6

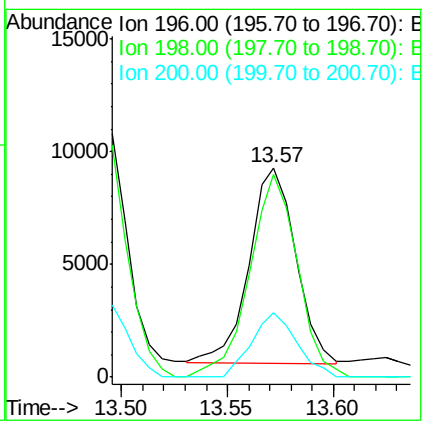


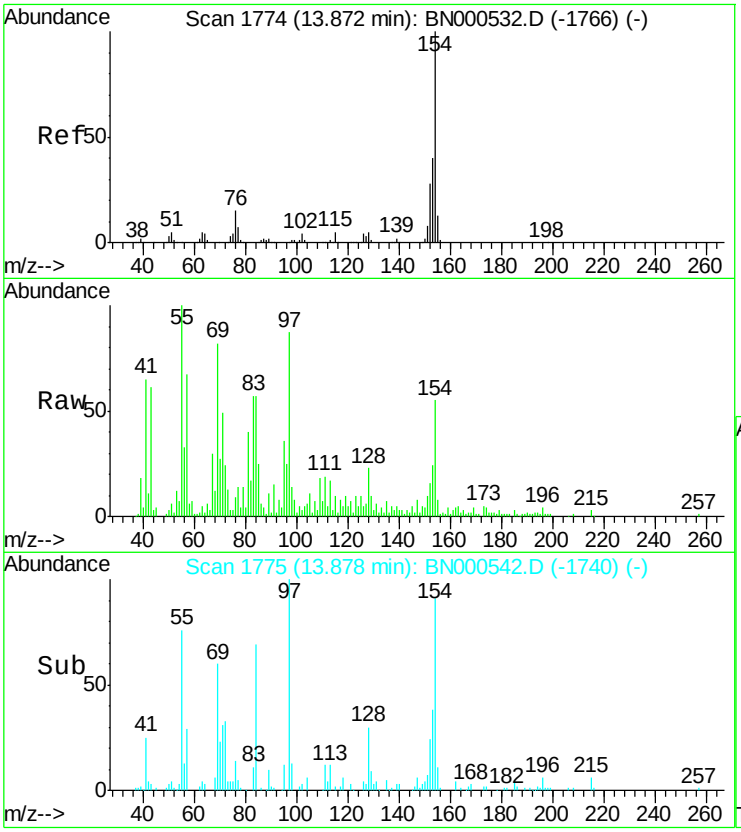


#39
2,4,5-Trichlorophenol
Concen: 1.826 ng/ul
RT: 13.57 min Scan# 1723
Delta R.T. 0.01 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion:196 Resp: 13311

Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.7	112.1
200	30.7	25.4	38.0



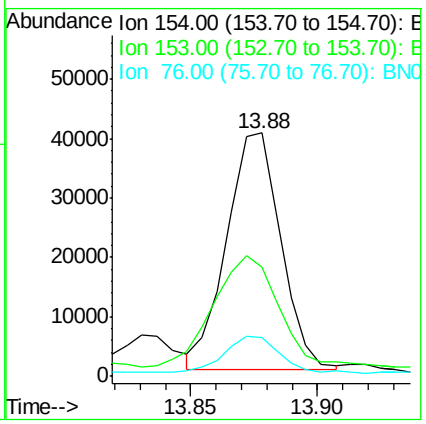


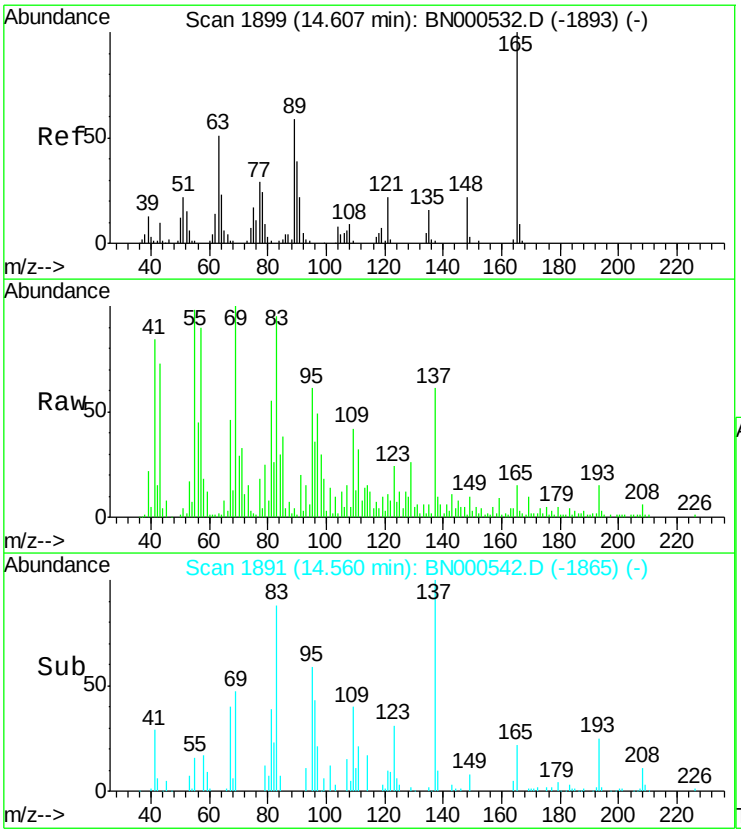
#40
1,1'-Biphenyl
Concen: 2.038 ng/ul
RT: 13.88 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 59518

Ion	Ratio	Lower	Upper
154	100		
153	44.9	34.0	51.0
76	16.2	8.4	12.6#

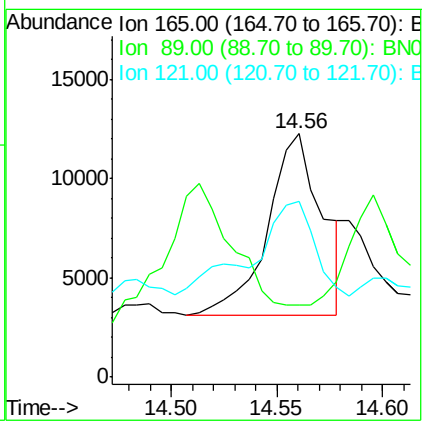


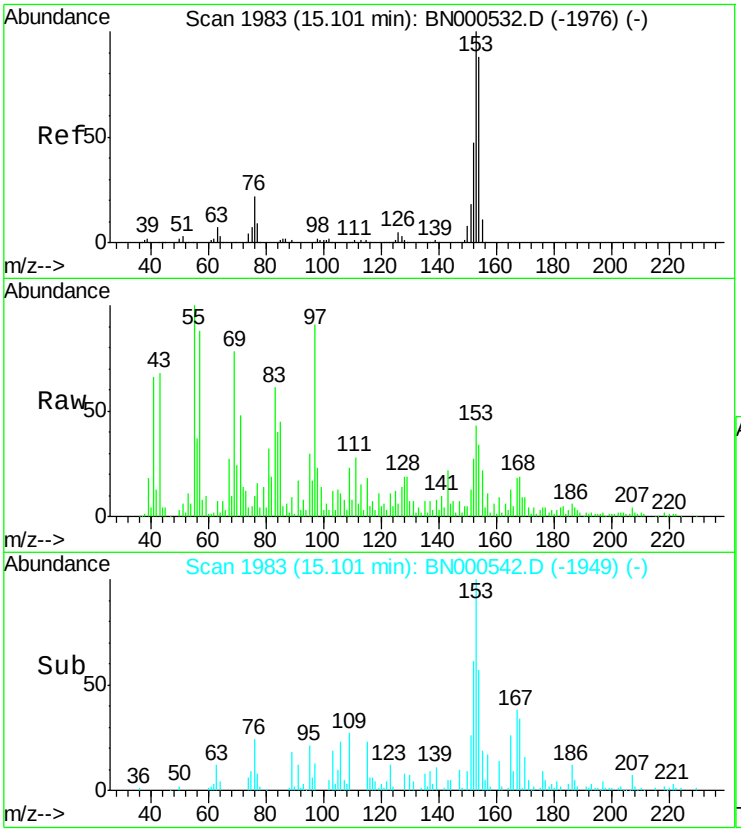


#45
2,6-Dinitrotoluene
Concen: 3.056 ng/ul
RT: 14.56 min Scan# 1891
Delta R.T. -0.05 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion:165 Resp: 16506

Ion	Ratio	Lower	Upper
165	100		
89	29.5	43.8	65.8#
121	72.0	17.8	26.6#



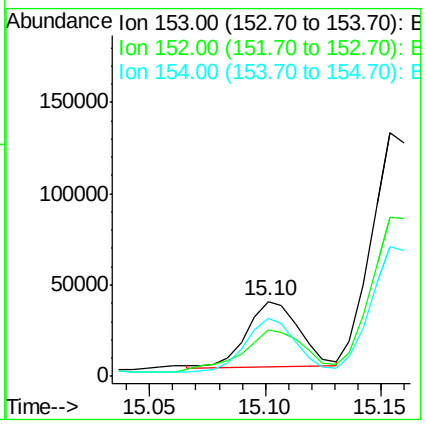


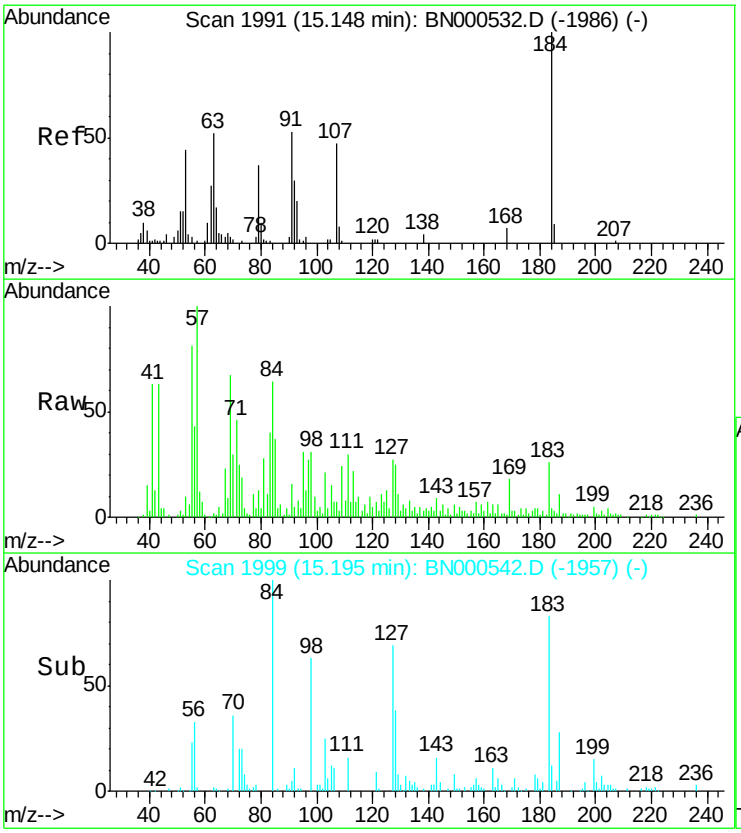
#49
Acenaphthene
Concen: 2.407 ng/ul
RT: 15.10 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 57476

Ion	Ratio	Lower	Upper
153	100		
152	61.5	37.9	56.9#
154	77.6	69.8	104.6

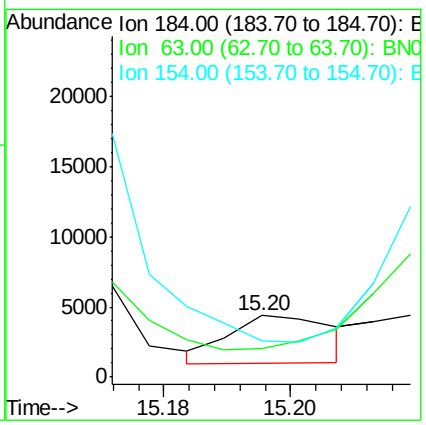


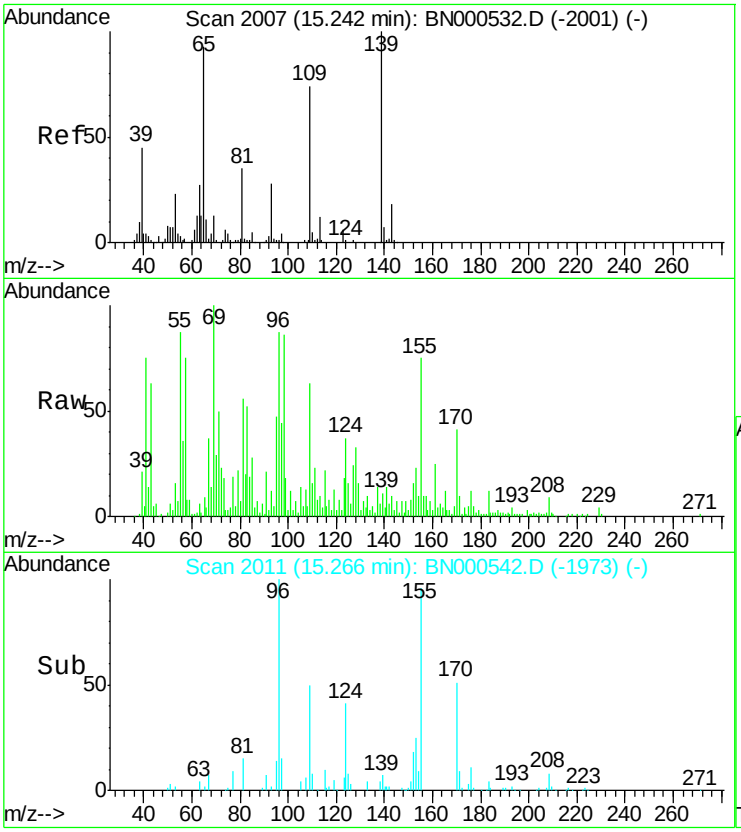


#50
2,4-Dinitrophenol
Concen: 1.532 ng/ul
RT: 15.20 min Scan# 1999
Delta R.T. 0.05 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion:184 Resp: 3903

Ion	Ratio	Lower	Upper
184	100		
63	46.0	39.7	59.5
154	58.2	45.0	67.6



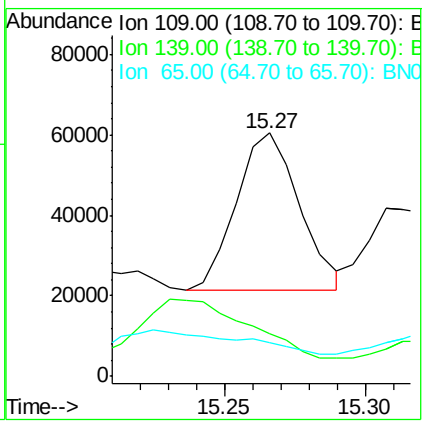


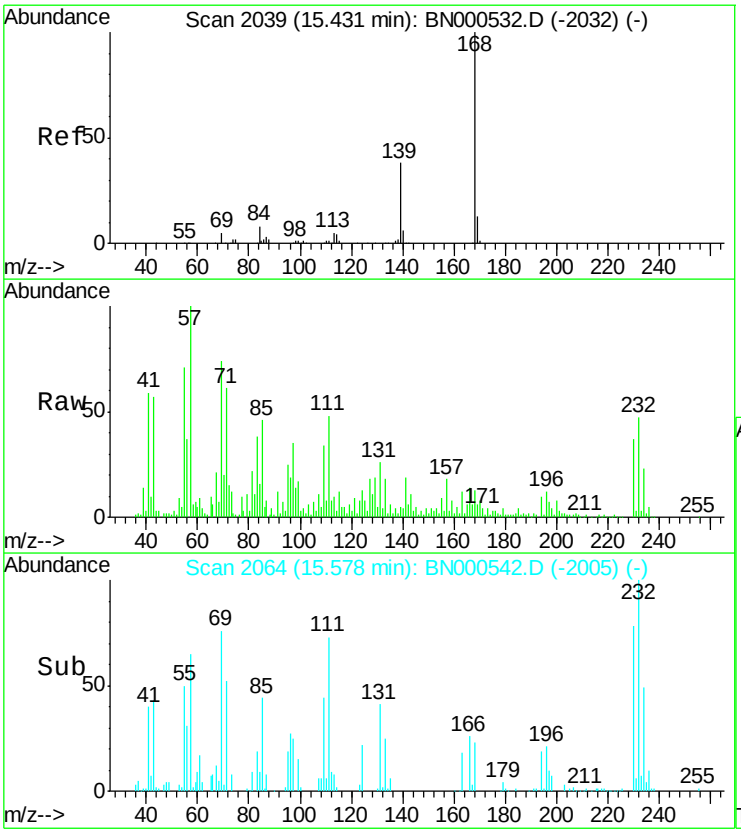
#52
4-Nitrophenol
Concen: 15.643 ng/ul
RT: 15.27 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:109 Resp: 60823

Ion	Ratio	Lower	Upper
109	100		
139	17.6	91.2	136.8#
65	14.1	92.6	139.0#

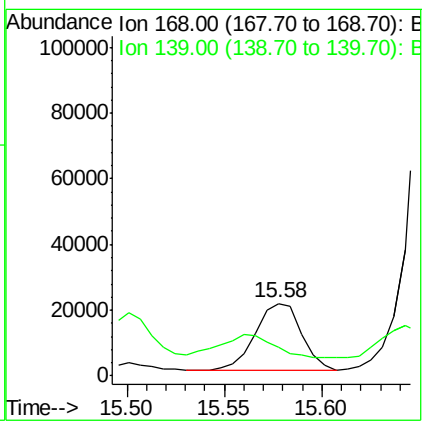


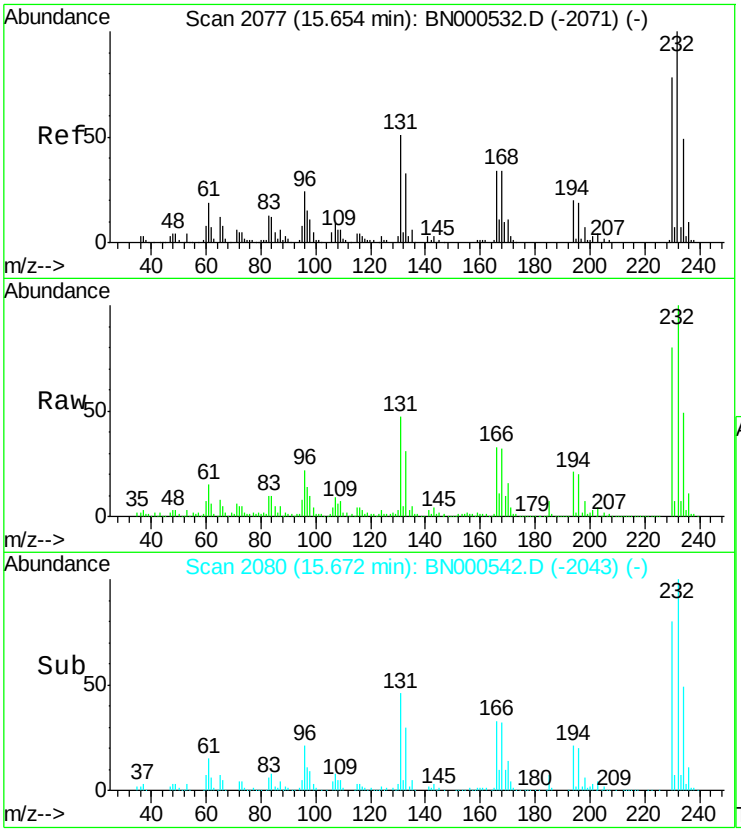


#53
Dibenzofuran
Concen: 1.048 ng/ul
RT: 15.58 min Scan# 2064
Delta R.T. 0.15 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion:168 Resp: 33995

Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.0	46.4



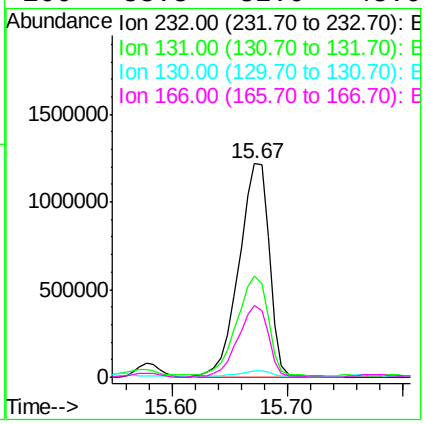


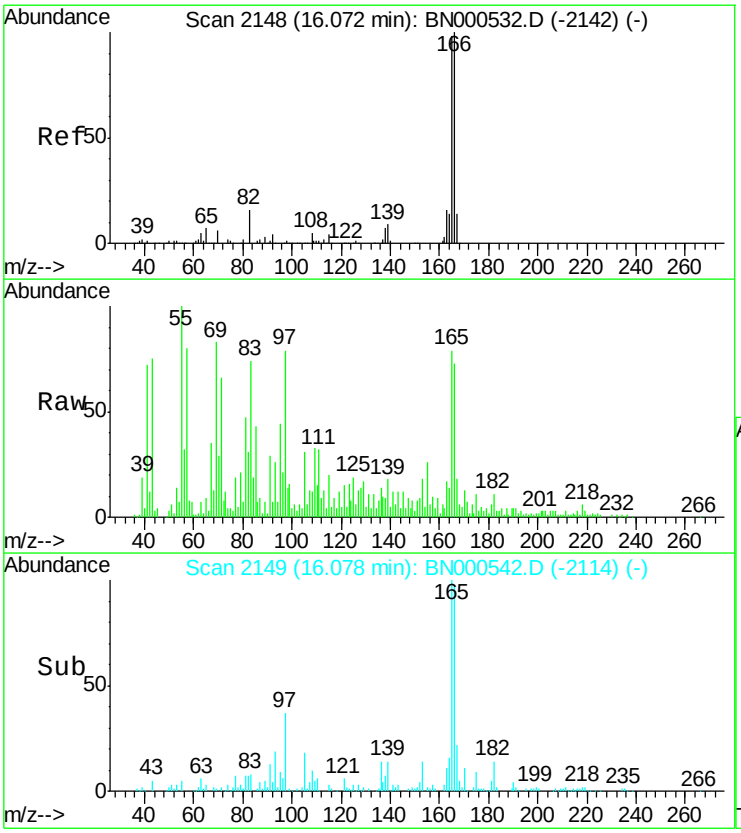
#55
2,3,4,6-Tetrachlorophenol
Concen: 398.923 ng/ul
RT: 15.67 min Scan# 2080
Delta R.T. 0.02 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:232 Resp: 2220088

Ion	Ratio	Lower	Upper
232	100		
131	47.2	48.0	72.0#
130	2.9	4.0	6.0#
166	33.3	32.0	48.0

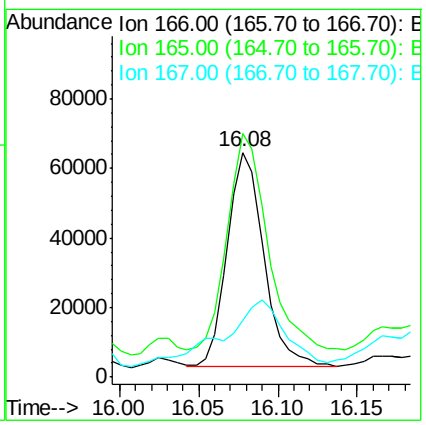


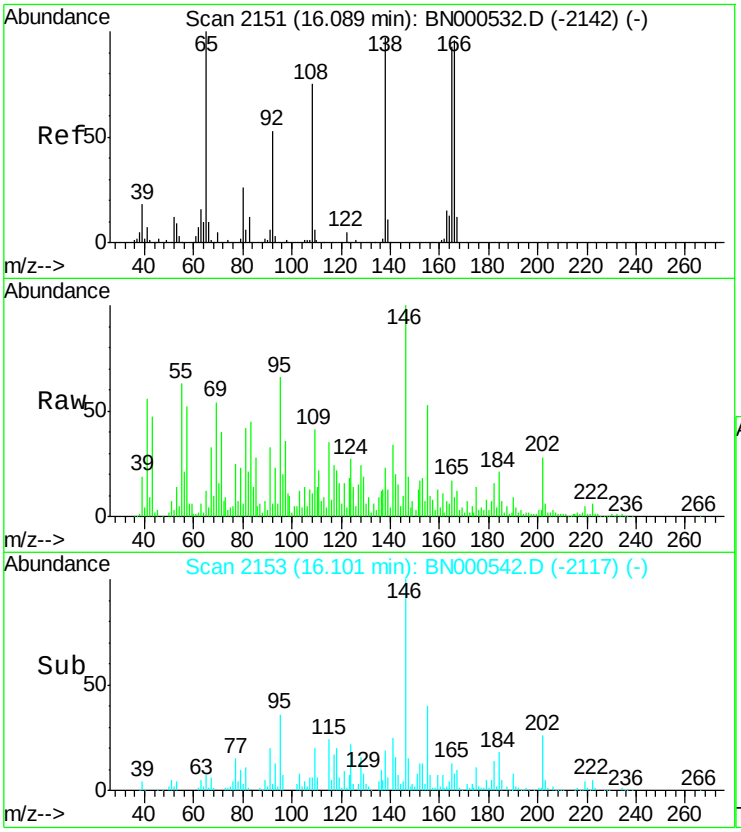


#58
Fluorene
Concen: 3.791 ng/ul
RT: 16.08 min Scan# 2149
Delta R.T. 0.01 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion:166 Resp: 97691

Ion	Ratio	Lower	Upper
166	100		
165	108.4	78.4	117.6
167	25.2	11.1	16.7#



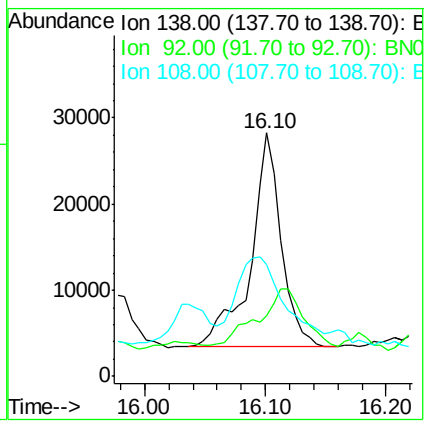


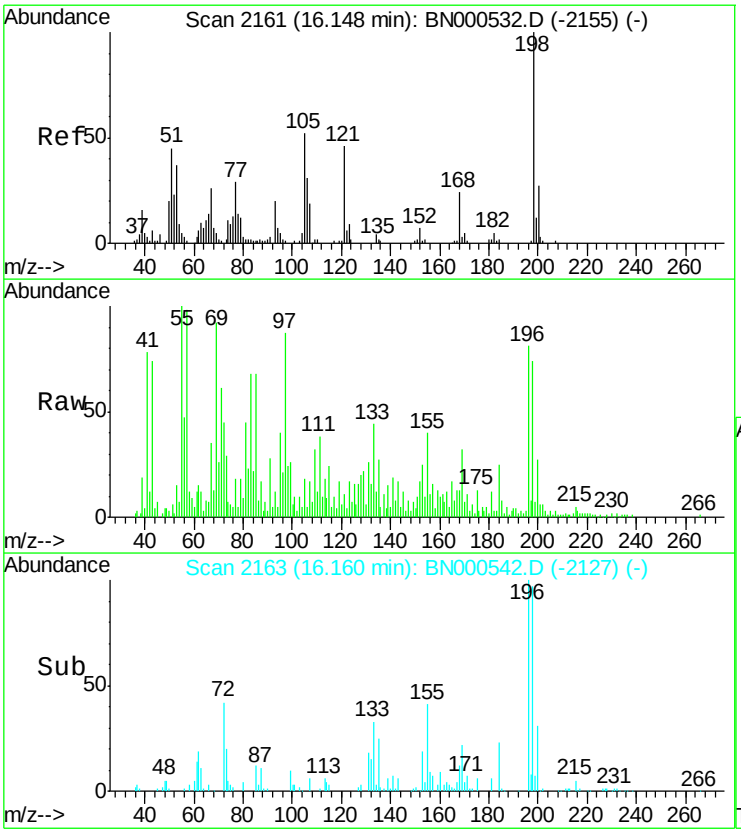
#60
4-Nitroaniline
Concen: 7.432 ng/ul
RT: 16.10 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:138 Resp: 43540

Ion	Ratio	Lower	Upper
138	100		
92	25.0	38.2	57.4#
108	45.8	70.0	105.0#

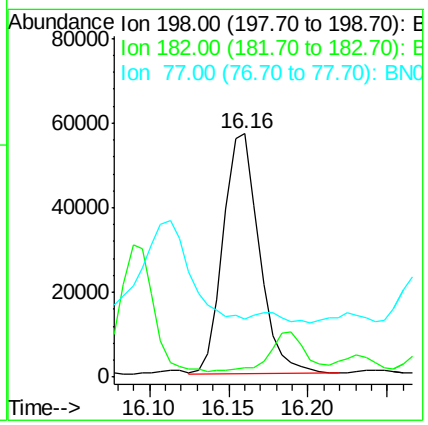


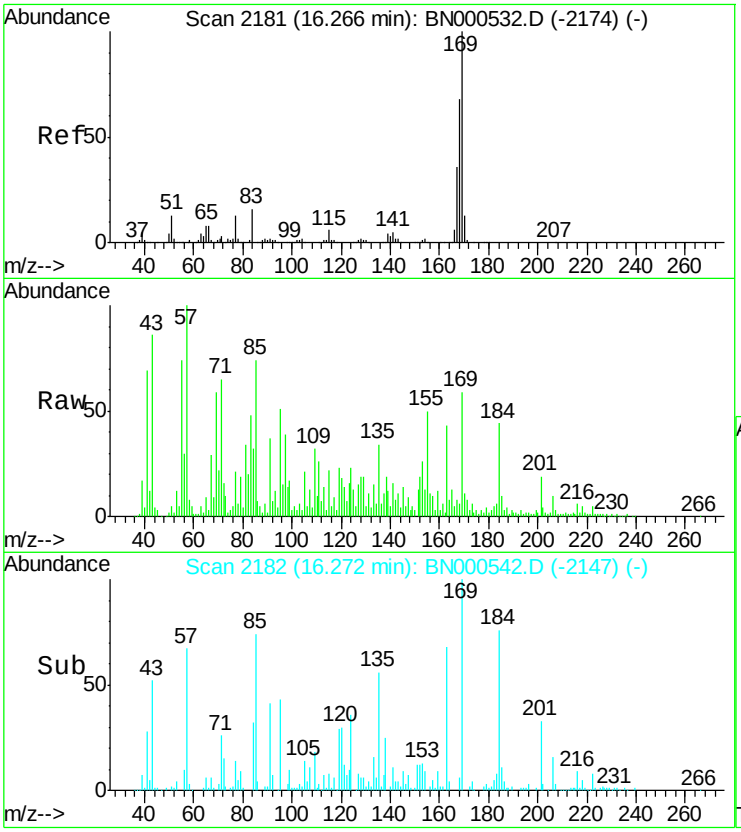


#63
4,6-Dinitro-2-methylphenol
Concen: 20.530 ng/ul
RT: 16.16 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion:198 Resp: 89502

Ion	Ratio	Lower	Upper
198	100		
182	3.9	3.5	5.3
77	23.7	18.2	27.4



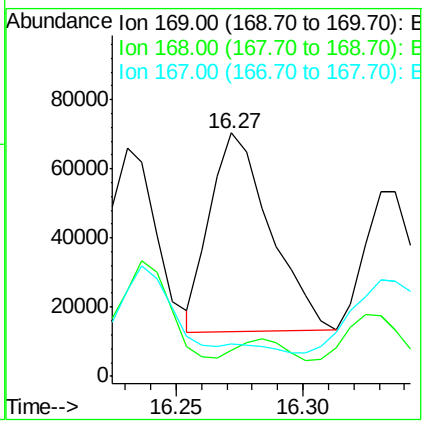


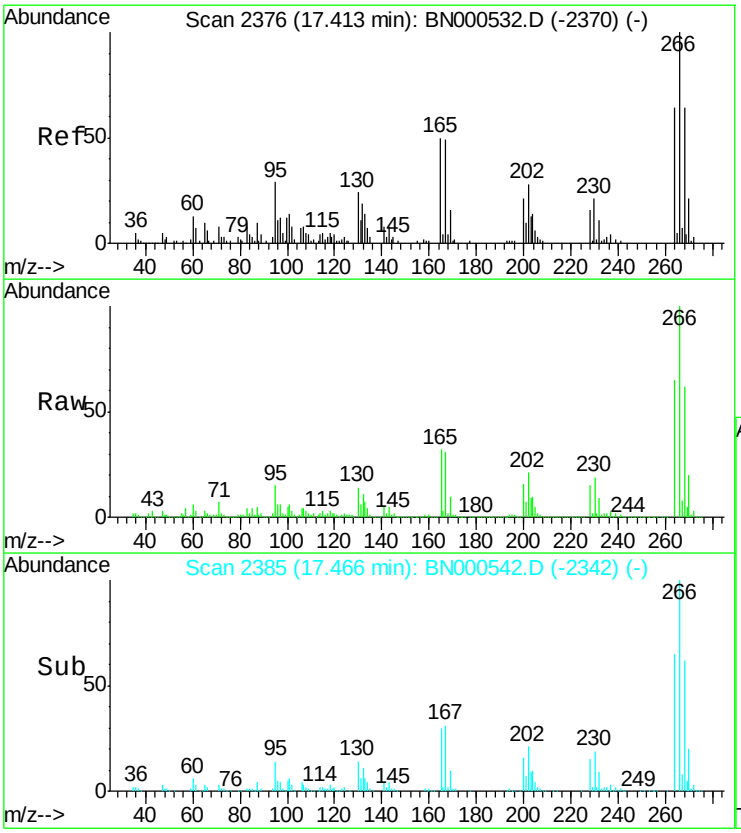
#64
N-Nitrosodiphenylamine
Concen: 3.986 ng/ul
RT: 16.27 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:169 Resp: 94675

Ion	Ratio	Lower	Upper
169	100		
168	10.9	53.8	80.8#
167	13.6	29.5	44.3#

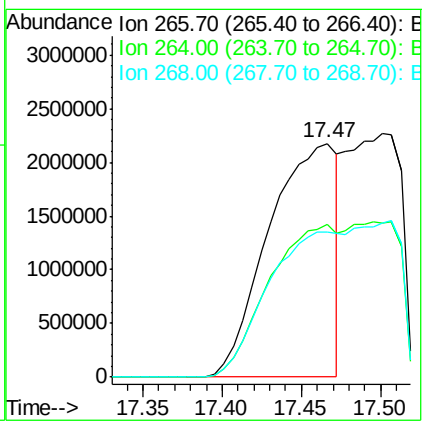


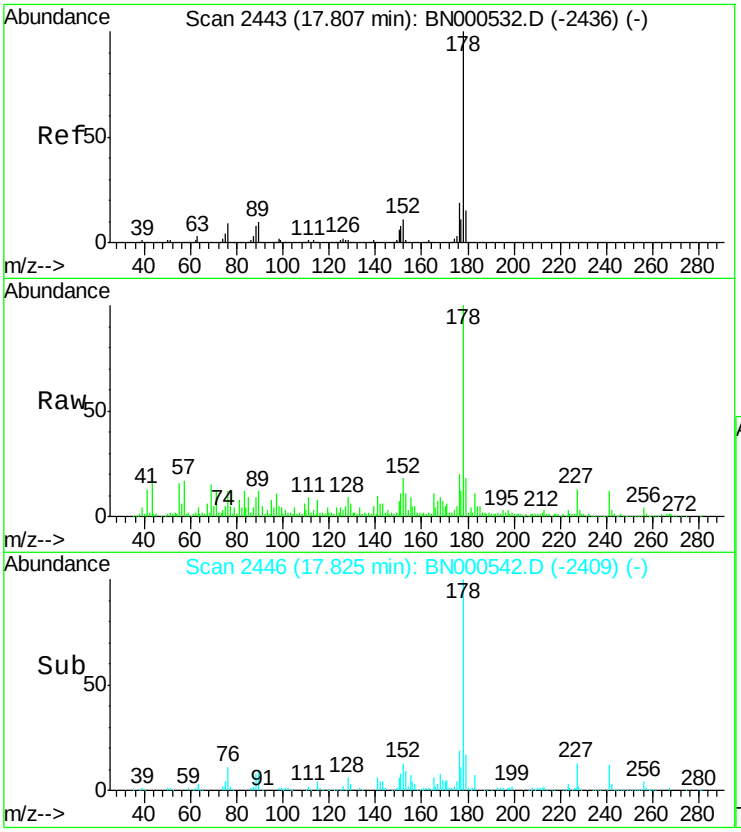


#68
Pentachlorophenol
Concen: 1583.440 ng/ul
RT: 17.47 min Scan# 2385
Delta R.T. 0.05 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion:266 Resp: 6487237

Ion	Ratio	Lower	Upper
266	100		
264	65.1	48.2	72.4
268	61.9	52.3	78.5



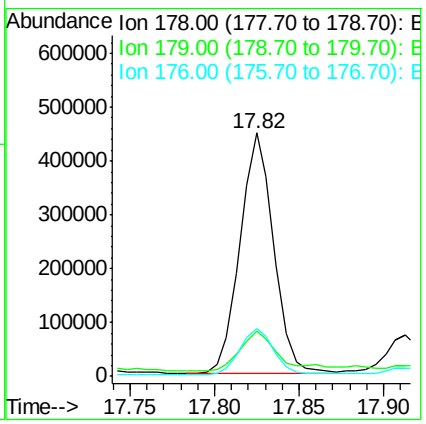


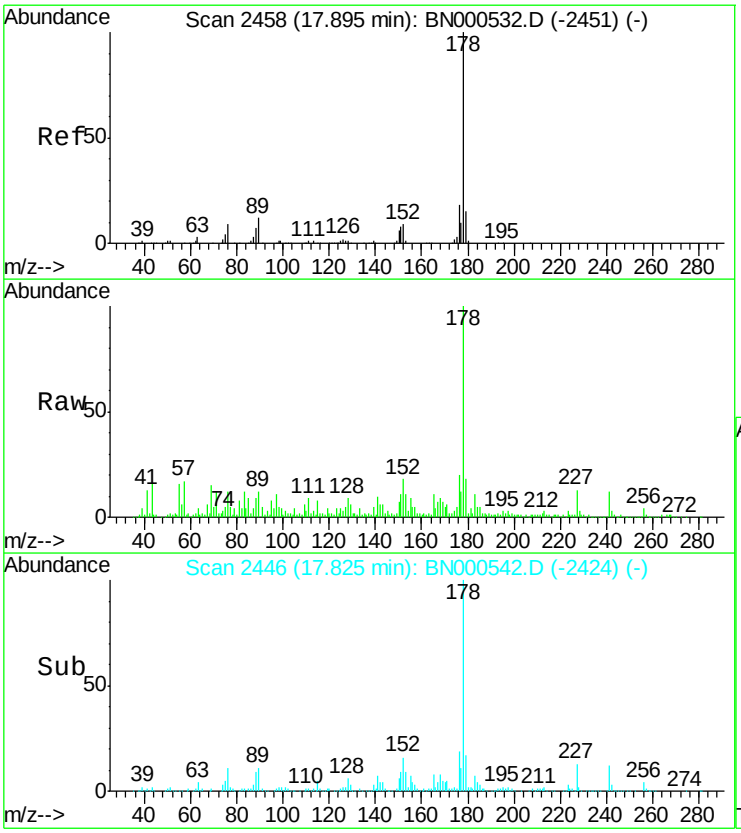
#69
Phenanthrene
Concen: 14.817 ng/ul
RT: 17.82 min Scan# 2446
Delta R.T. 0.02 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 615497

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.3	18.5
176	19.6	15.4	23.0

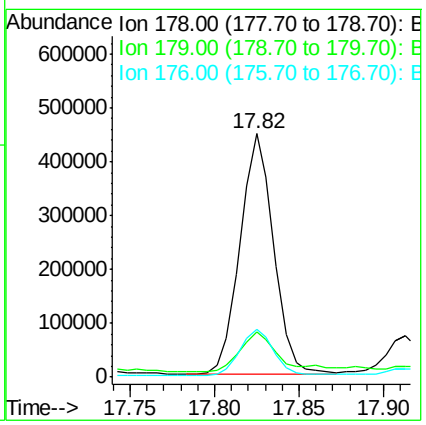


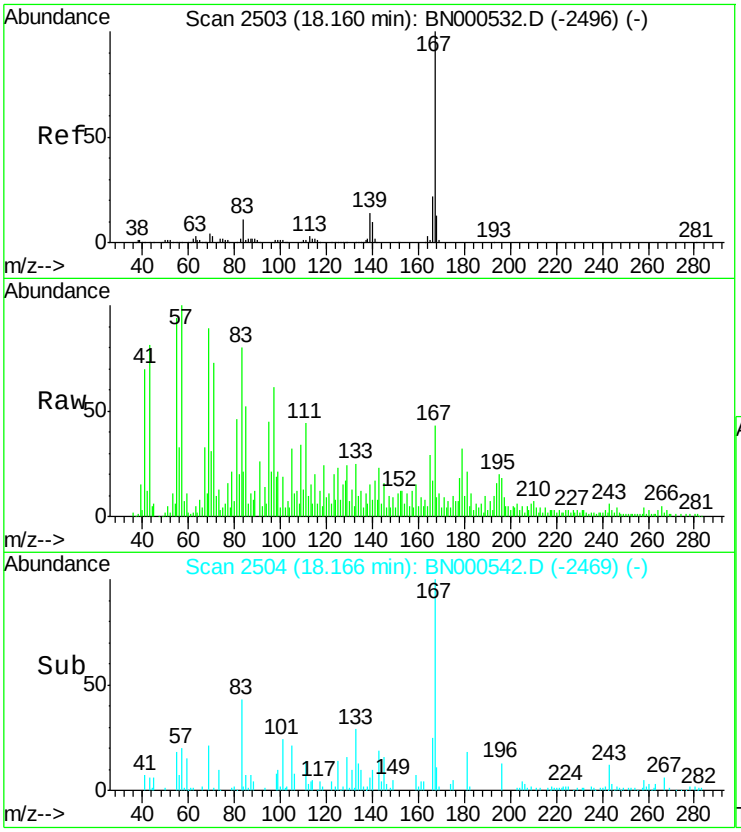


#71
Anthracene
Concen: 14.451 ng/ul
RT: 17.82 min Scan# 2446
Delta R.T. -0.07 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion:178 Resp: 615497

Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.4	20.2
176	19.6	15.4	23.0



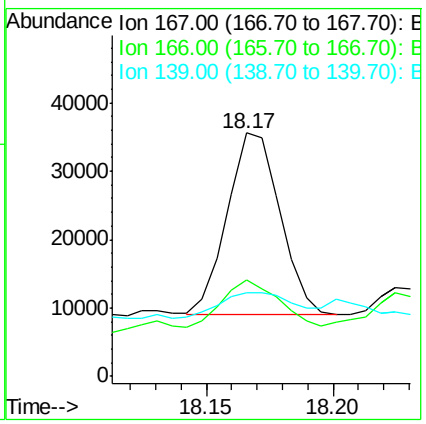


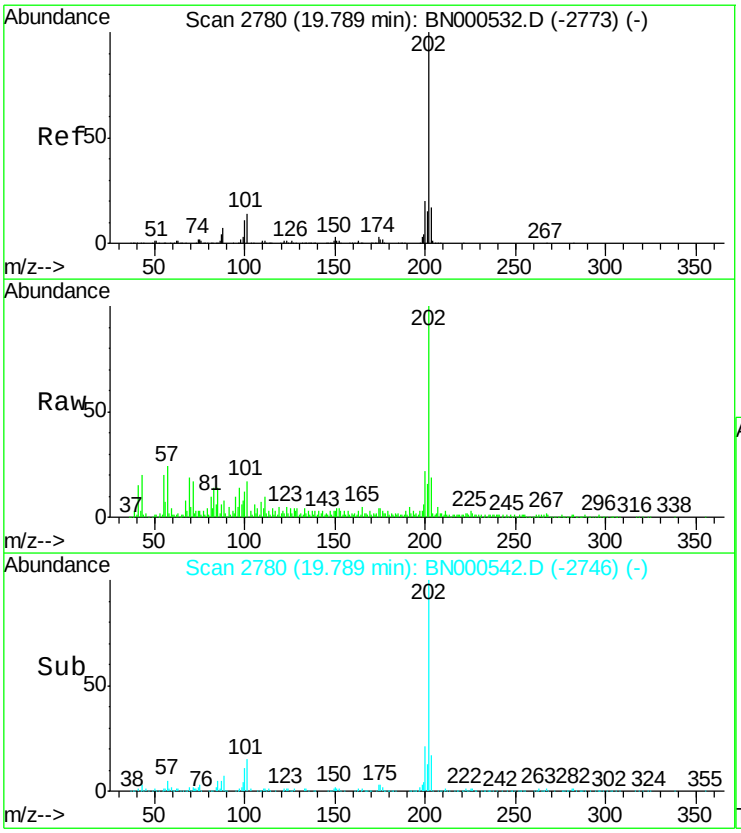
#72
Carbazole
Concen: 1.055 ng/ul
RT: 18.17 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:167 Resp: 38533

Ion	Ratio	Lower	Upper
167	100		
166	39.7	17.0	25.4#
139	34.2	9.1	13.7#

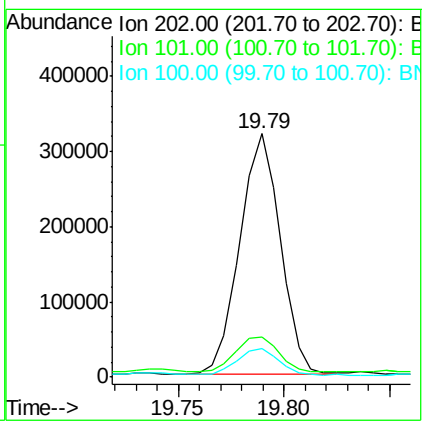


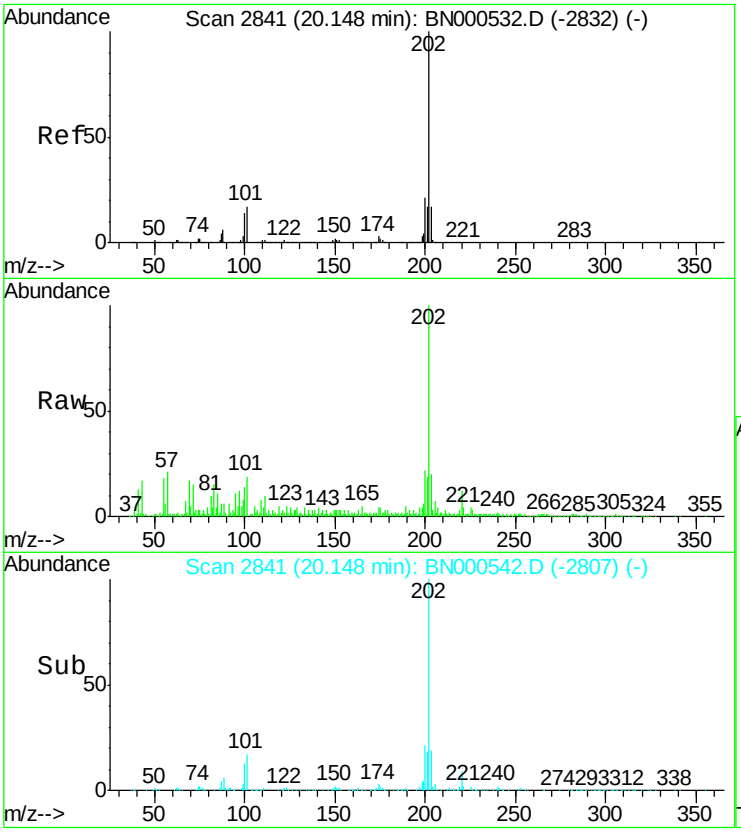


#74
Fluoranthene
Concen: 10.338 ng/ul
RT: 19.79 min Scan# 2780
Delta R.T. 0.00 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion:202 Resp: 426708

Ion	Ratio	Lower	Upper
202	100		
101	16.6	6.1	9.1#
100	11.7	4.6	7.0#



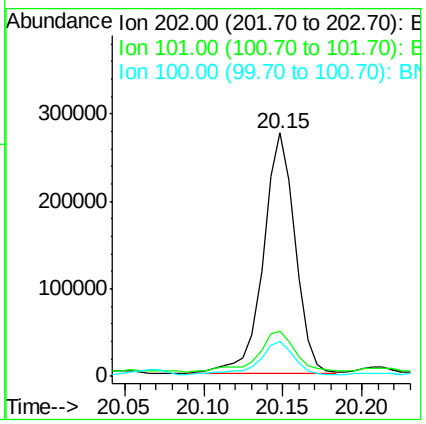


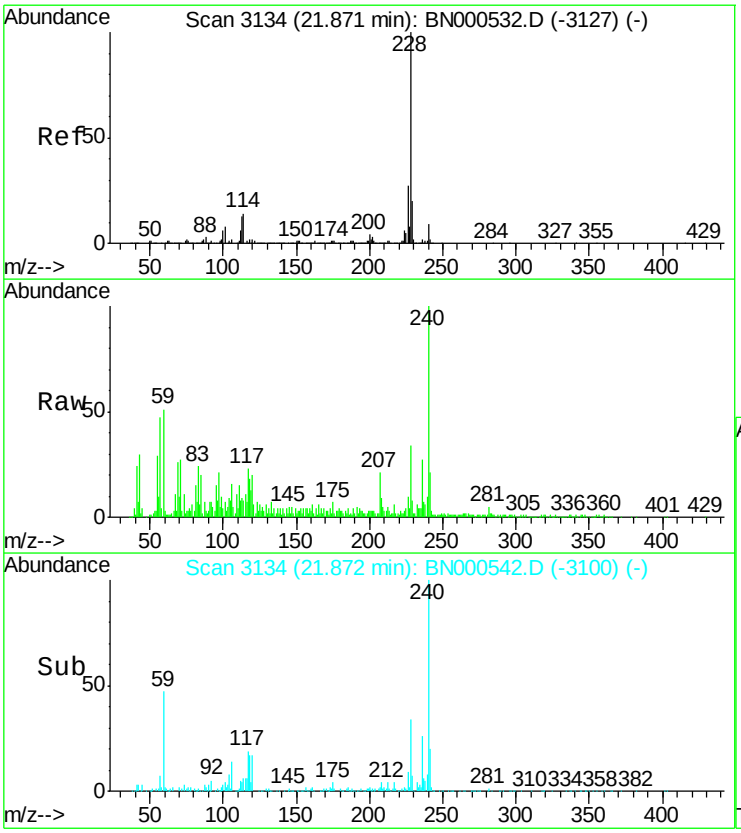
#77
Pyrene
Concen: 6.764 ng/ul
RT: 20.15 min Scan# 2841
Delta R.T. 0.00 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 383145

Ion	Ratio	Lower	Upper
202	100		
101	18.7	6.9	10.3#
100	14.2	5.6	8.4#

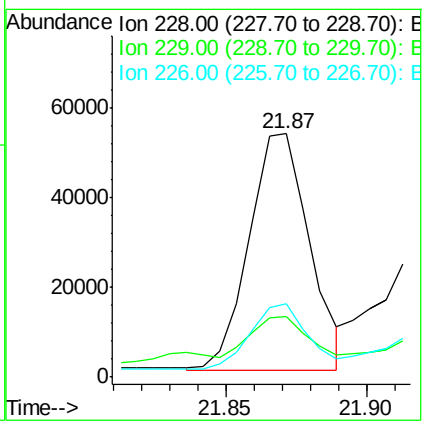


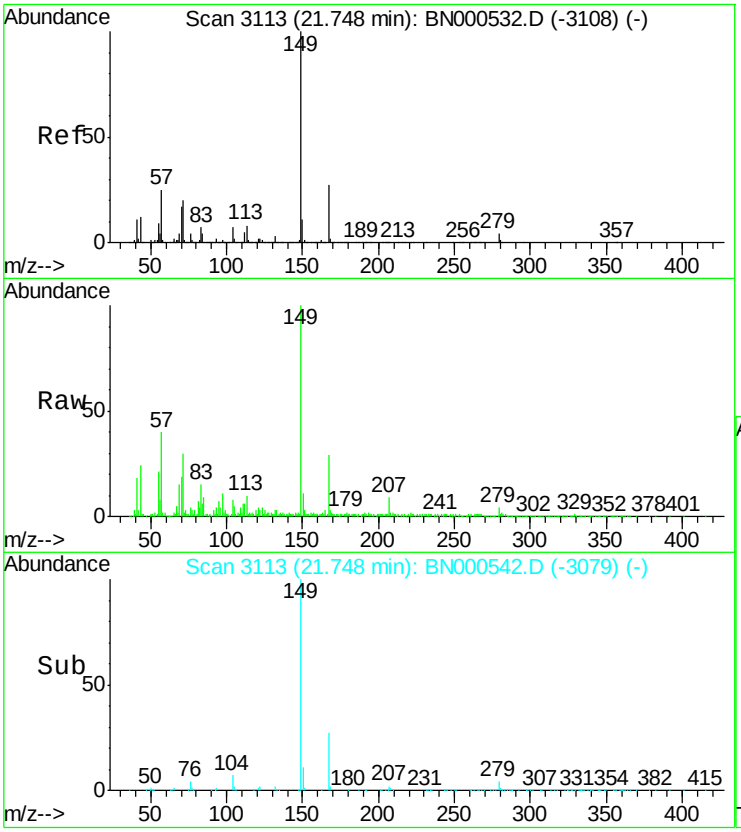


#80
Benzo(a)anthracene
Concen: 1.524 ng/ul
RT: 21.87 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion:228 Resp: 78730

Ion	Ratio	Lower	Upper
228	100		
229	24.7	16.0	24.0#
226	29.9	21.8	32.8



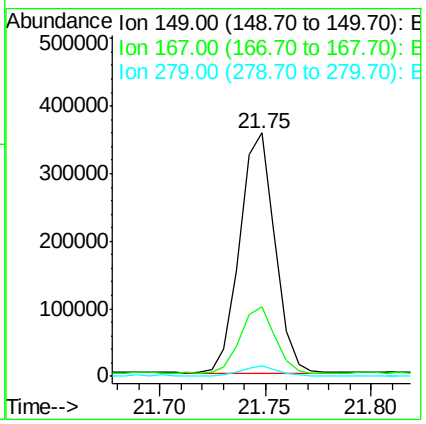


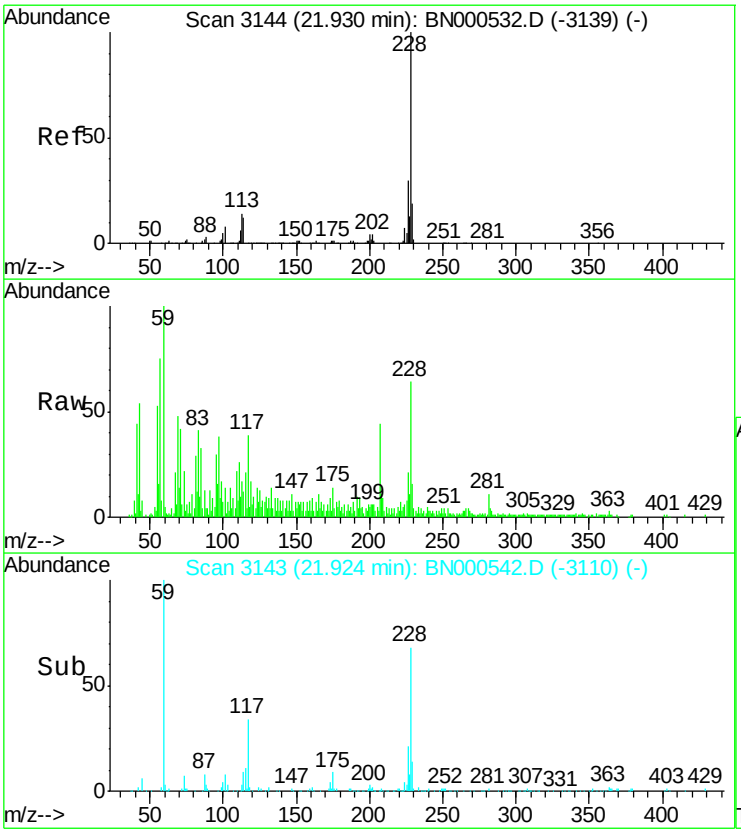
#81
Bis(2-ethylhexyl)phthalate
Concen: 10.009 ng/ul
RT: 21.75 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 408879

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.0	34.6
279	4.1	4.3	6.5#

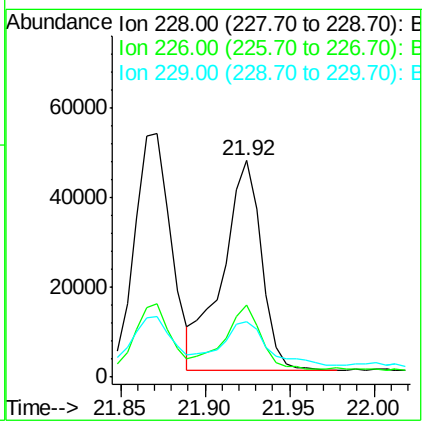


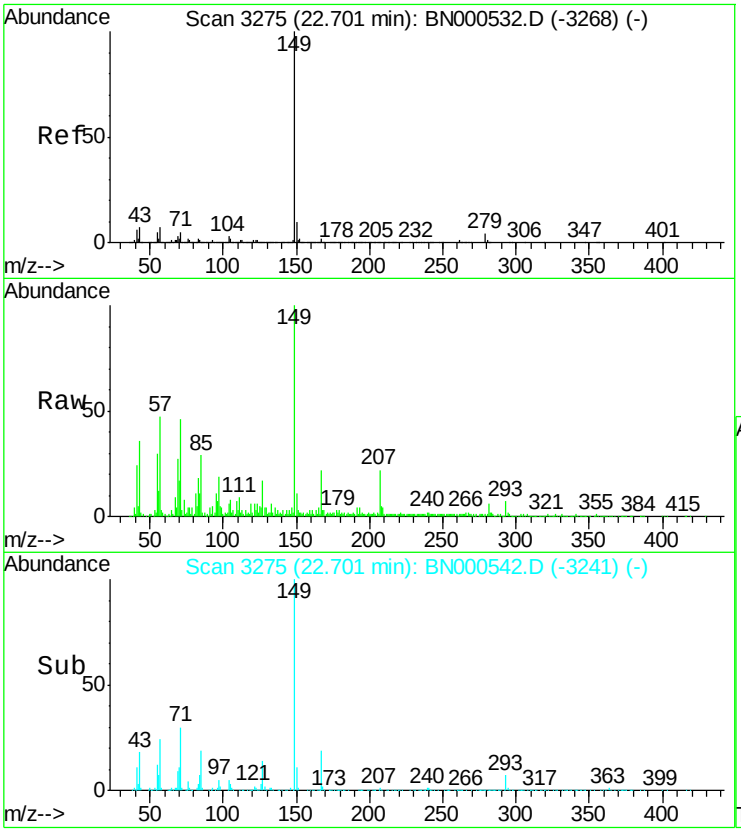


#82
Chrysene
Concen: 1.562 ng/ul
RT: 21.92 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion:228 Resp: 75665

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.1	36.1
229	25.7	16.0	24.0#

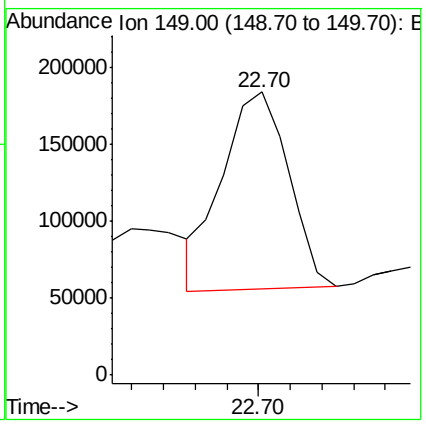


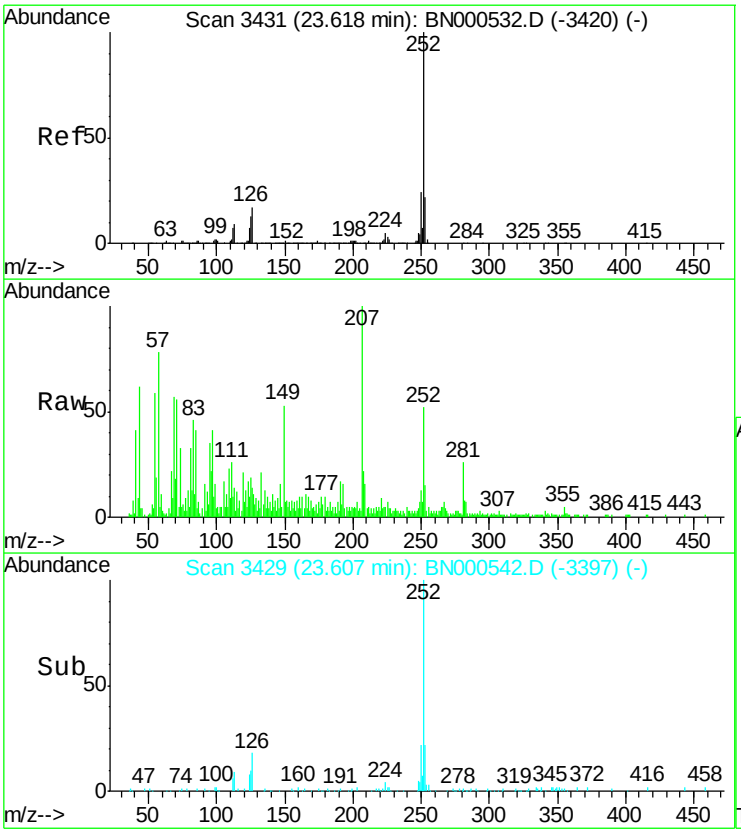


#84
Di-n-octyl phthalate
Concen: 2.688 ng/ul
RT: 22.70 min Scan# 3275
Delta R.T. 0.00 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 186436





#85
Benzo(b)fluoranthene
Concen: 1.021 ng/ul
RT: 23.61 min Scan# 3429
Delta R.T. -0.01 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion:252 Resp: 53164

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.4	26.0#
125	37.0	4.9	7.3#