Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
Data File : BN001879.D
Acq On : 20 Jun 2018 10:18
Operator : JU/SJ
Sample : J3527-24
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAXN3

Quant Time: Jun 20 11:54:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 19 14:50:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	512415	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2334405	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	1388392	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3168625	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2813422	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2364831	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	73037	6.19	ng/uL	0.00
5) Phenol-d5	6.89	99	1627569	35.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	1003854	35.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1273316	34.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	1341371	36.11	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	636082	36.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	698936	38.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	1385438	36.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1936253	48.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	4396384	37.50	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	5265960	36.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	646895	29.95	ng/ul	0.00
57) Fluorene-d10	15.34	176	3720922	36.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	599749	34.75	ng/ul	0.00
70) Anthracene-d10	17.19	188	5853741	38.24	ng/ul	0.00
76) Pyrene-d10	19.49	212	6235108	43.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	5147499	40.03	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.92	94	873109	18.670	ng/ul	98
10) 2-Chlorophenol	7.28	128	676639	18.182	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.25	45	1490446	26.210	ng/ul	95
17) Hexachloroethane	8.79	117	268200	18.278	ng/ul	87
27) 2,4-Dichlorophenol	10.14	162	720805	19.370	ng/ul	97
28) Naphthalene	10.54	128	2314832	18.687	ng/ul	99
31) Hexachlorobutadiene	10.83	225	625061	27.507	ng/ul	98
45) 2,6-Dinitrotoluene	13.92	165	644474	29.620	ng/ul	99
49) Acenaphthene	14.41	153	1873457	19.331	ng/ul	99
54) 2,4-Dinitrotoluene	14.71	165	963159	29.773	ng/ul	96
56) Diethylphthalate	15.18	149	2923641	25.036	ng/ul	97
58) Fluorene	15.40	166	2227672	20.082	ng/ul	99
66) Hexachlorobenzene	16.40	284	946529	24.417	ng/ul#	92
68) Pentachlorophenol	16.75	266	811562	37.858	ng/ul	98
71) Anthracene	17.22	178	3189986	17.656	ng/ul	98
77) Pyrene	19.52	202	4266837	24.235	ng/ul#	86
78) Butylbenzylphthalate	20.44	149	3464829	46.118	ng/ul	96
80) Benzo(a)anthracene	21.27	228	3600488	20.249	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.23	149	3931238	35.090	ng/ul	99
82) Chrysene	21.33	228	3601736	21.771	ng/ul	100
85) Benzo(b)fluoranthene	22.86	252	5221450	34.958	ng/ul#	96
86) Benzo(k)fluoranthene	22.90	252	3019795	20.850	ng/ul#	96
88) Benzo(a)pyrene	23.43	252	2743263	19.654	ng/ul#	96

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Misc :
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Instrument : BNA_N
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Quant Time: Jun 20 11:54:20 2018
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 19 14:50:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Indeno(1,2,3-cd)pyrene	25.77	276	4354126	29.317	ng/ul#	89
90) Dibenzo(a,h)anthracene	25.78	278	3220849	26.057	ng/ul#	95

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

Quantitation Report (LSC Reviewed)

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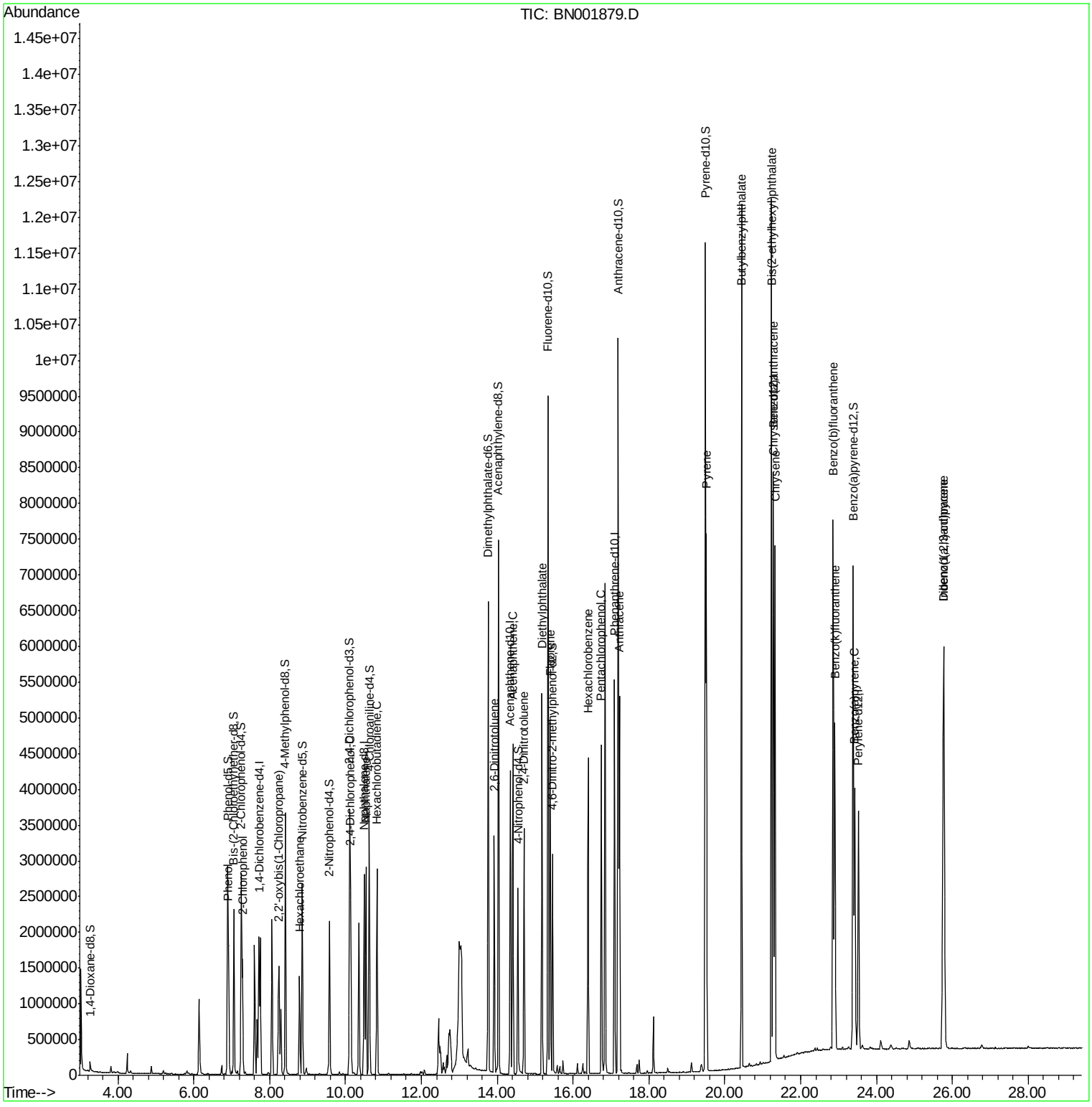
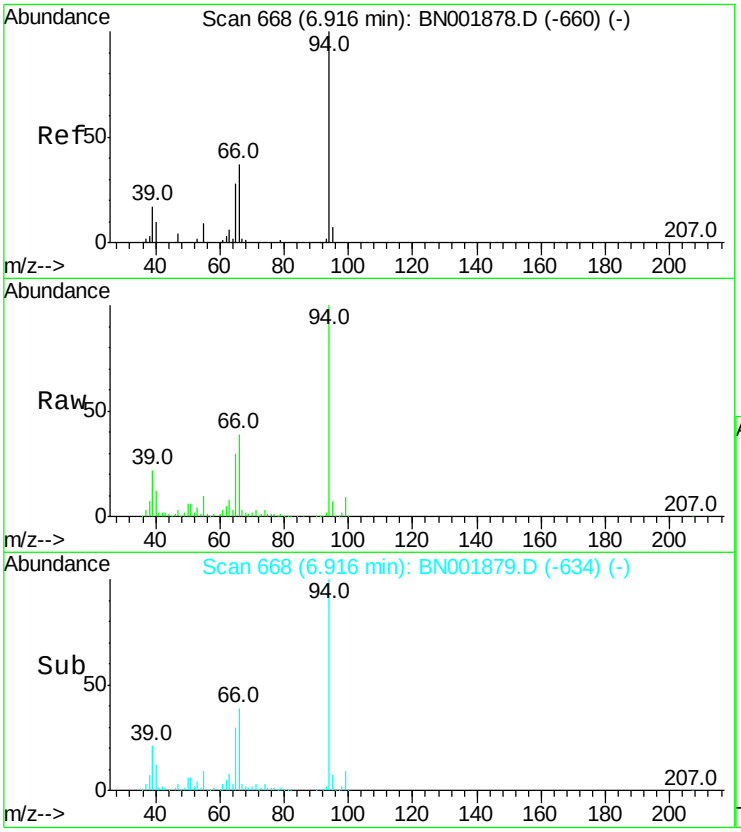


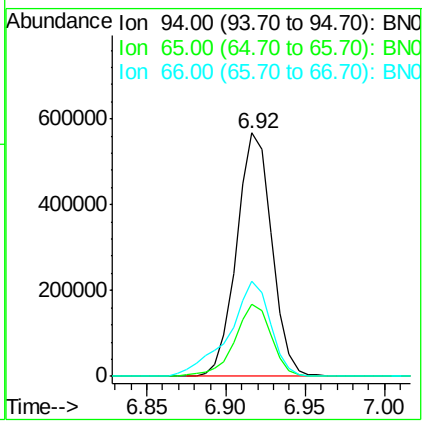


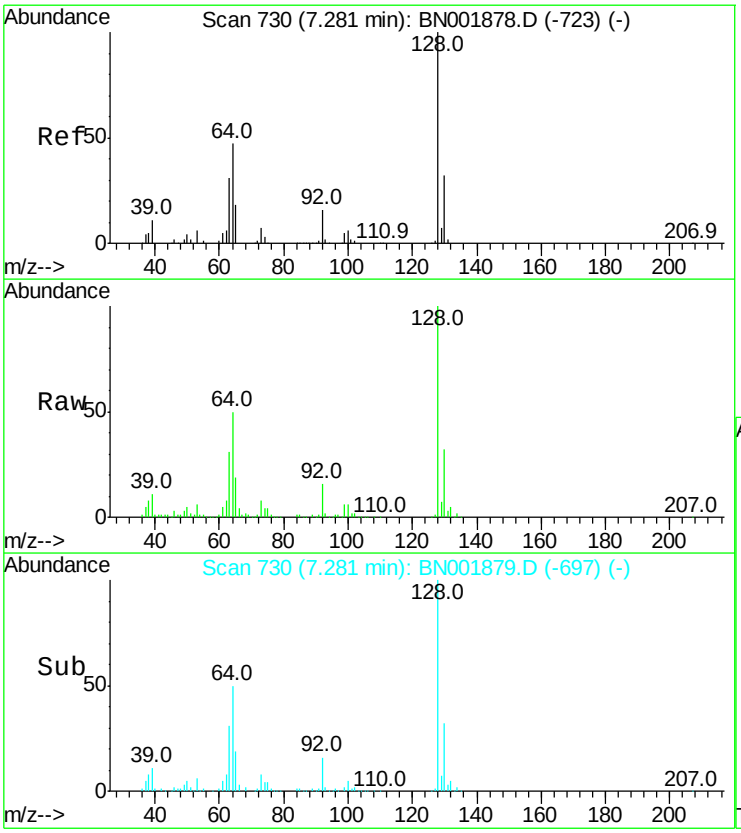
#6
Phenol
Concen: 18.670 ng/ul
RT: 6.92 min Scan# 668
Delta R.T. 0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Instrument :
BNA_N
ClientSampleId :
DAXN3

Tgt Ion: 94 Resp: 873109

Ion	Ratio	Lower	Upper
94	100		
65	29.8	23.0	34.6
66	39.0	30.4	45.6

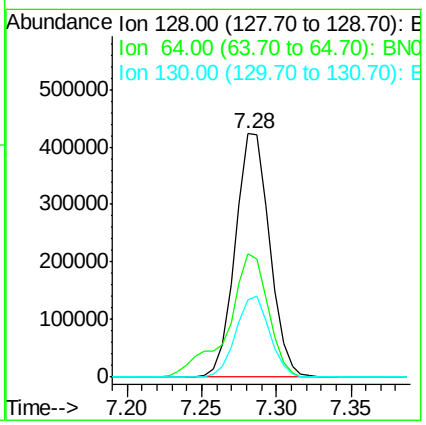


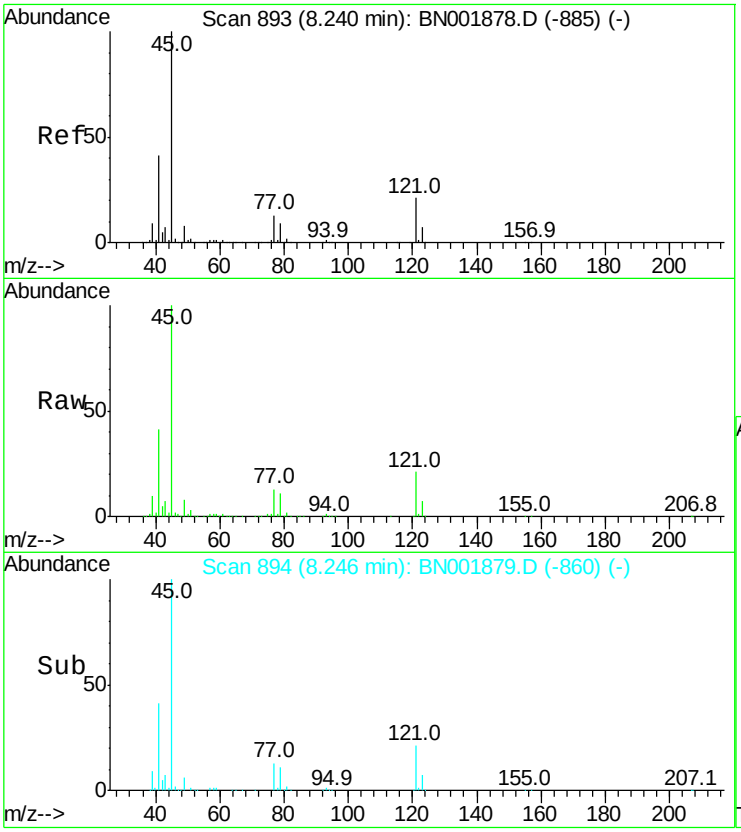


#10
2-Chlorophenol
Concen: 18.182 ng/ul
RT: 7.28 min Scan# 730
Delta R.T. -0.01 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Tgt Ion:128 Resp: 676639

Ion	Ratio	Lower	Upper
128	100		
64	50.5	39.8	59.6
130	31.8	25.8	38.8



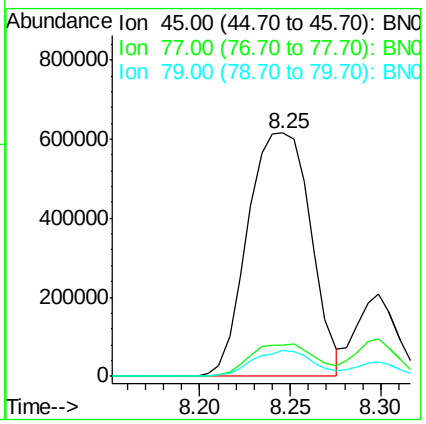


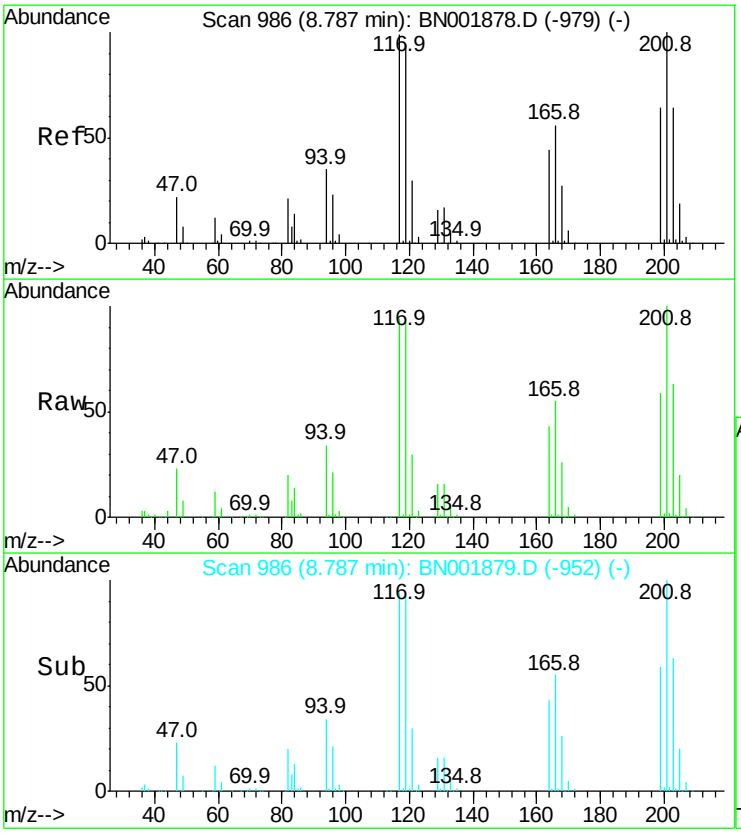
#12
2,2'-oxybis(1-Chloropropane)
Concen: 26.210 ng/ul
RT: 8.25 min Scan# 894
Delta R.T. -0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Instrument :
BNA_N
ClientSampleId :
DAXN3

Tgt Ion: 45 Resp: 1490446

Ion	Ratio	Lower	Upper
45	100		
77	12.8	12.5	18.7
79	10.6	9.4	14.2

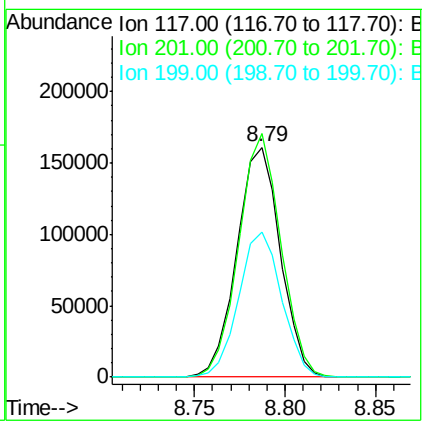


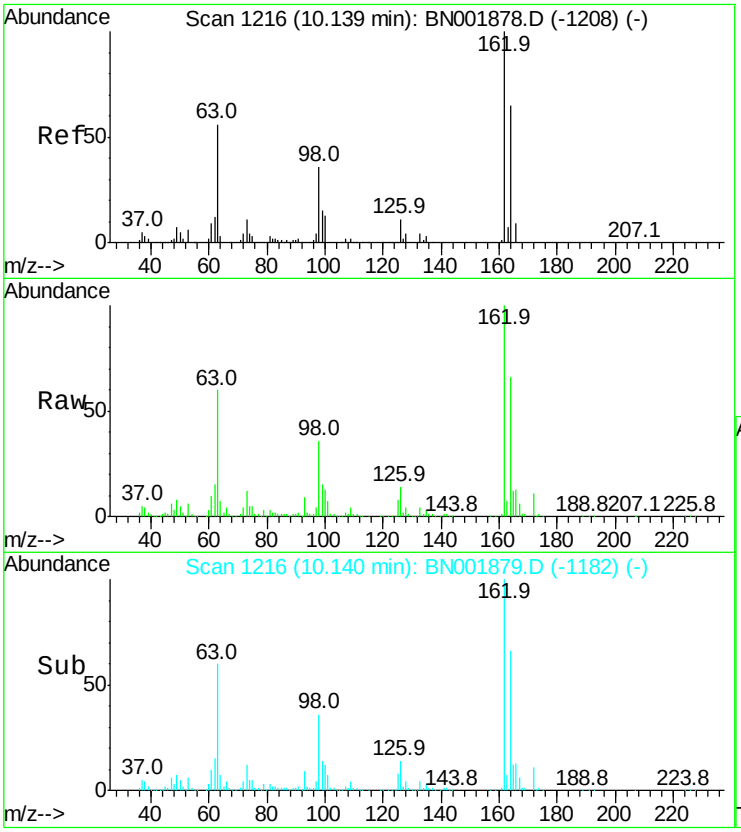


#17
Hexachloroethane
Concen: 18.278 ng/ul
RT: 8.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Tgt Ion:117 Resp: 268200

Ion	Ratio	Lower	Upper
117	100		
201	106.0	96.1	144.1
199	63.0	59.7	89.5



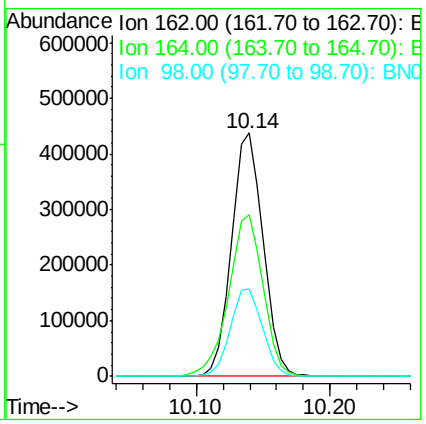


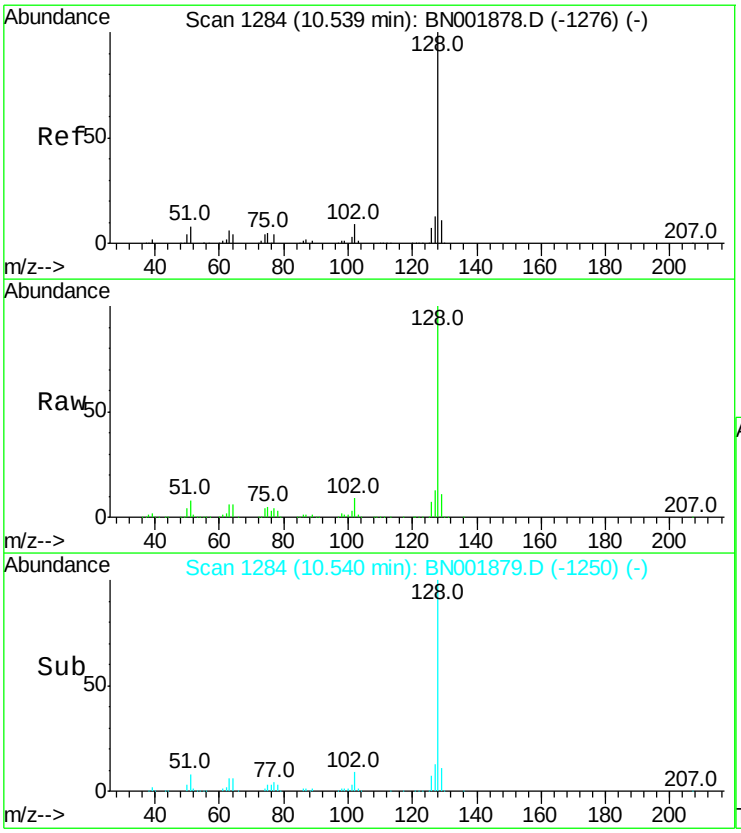
#27
2,4-Dichlorophenol
Concen: 19.370 ng/ul
RT: 10.14 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Instrument :
BNA_N
ClientSampleId :
DAXN3

Tgt Ion:162 Resp: 720805

Ion	Ratio	Lower	Upper
162	100		
164	66.4	52.0	78.0
98	35.7	26.6	39.8

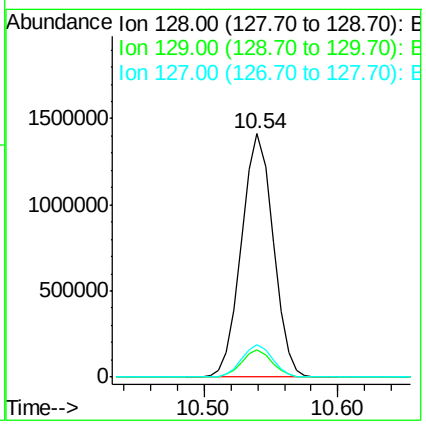


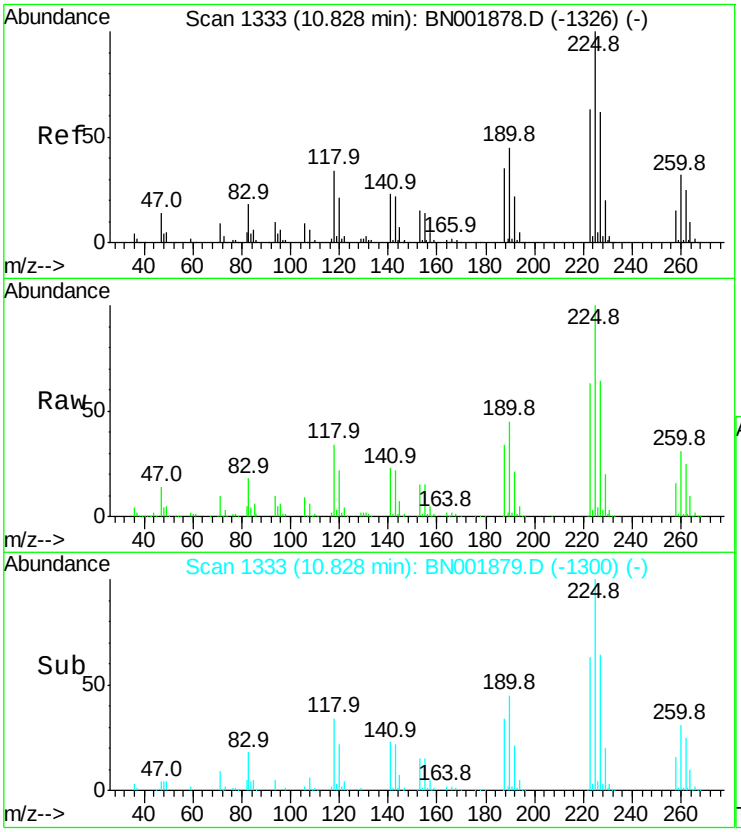


#28
Naphthalene
Concen: 18.687 ng/ul
RT: 10.54 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Tgt Ion:128 Resp: 2314832

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	13.3	10.8	16.2



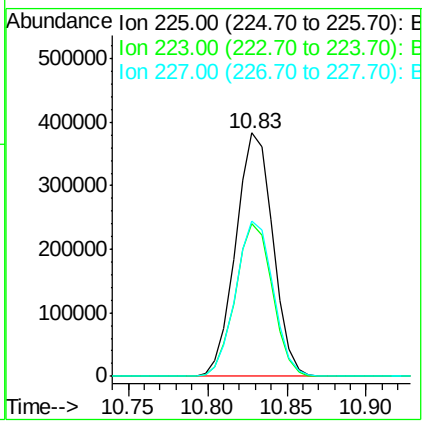


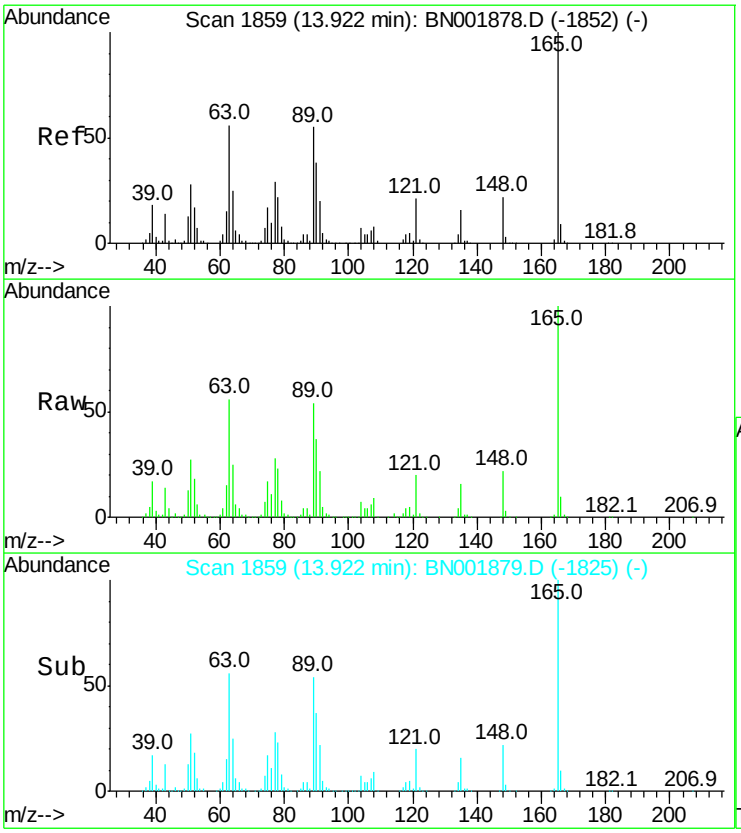
#31
Hexachlorobutadiene
Concen: 27.507 ng/ul
RT: 10.83 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Instrument :
BNA_N
ClientSampleId :
DAXN3

Tgt Ion:225 Resp: 625061

Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.1	72.1
227	64.0	52.1	78.1

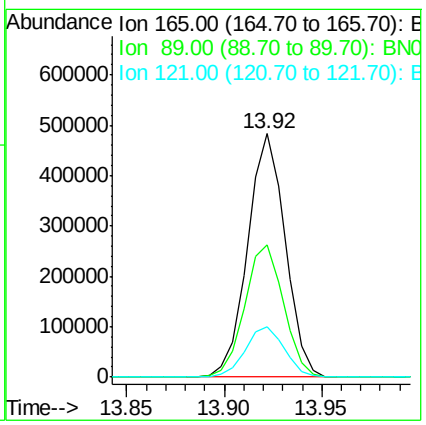


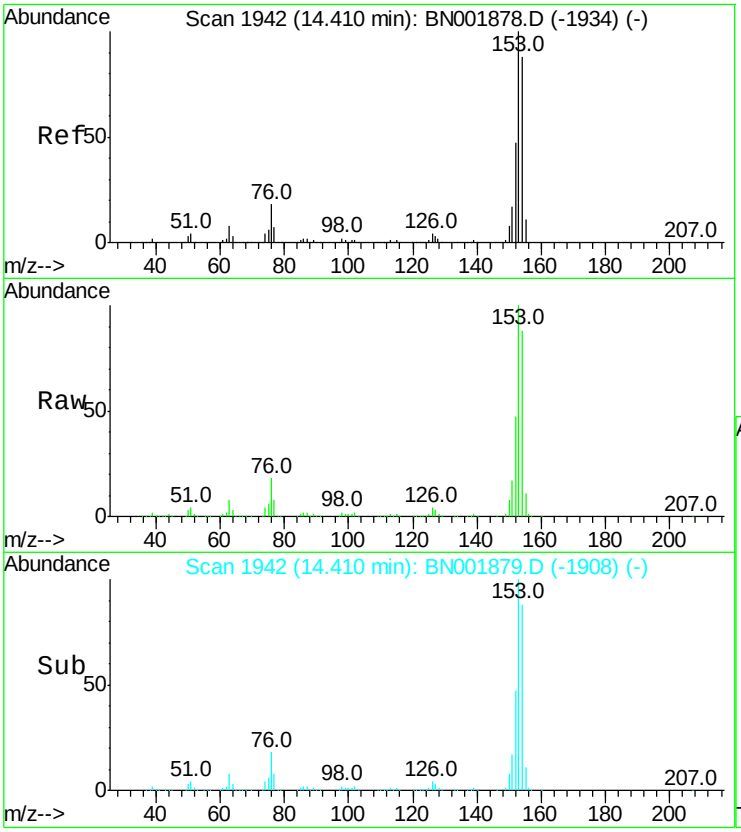


#45
2,6-Dinitrotoluene
Concen: 29.620 ng/ul
RT: 13.92 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Tgt Ion:165 Resp: 644474

Ion	Ratio	Lower	Upper
165	100		
89	54.4	43.8	65.8
121	20.4	17.8	26.6



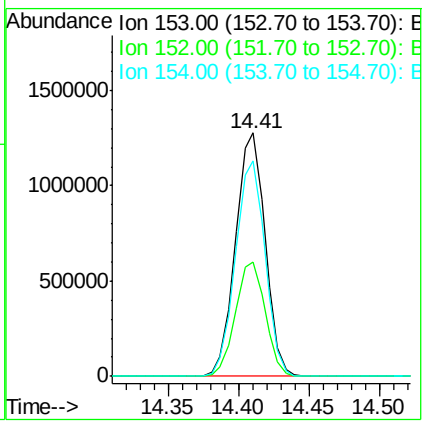


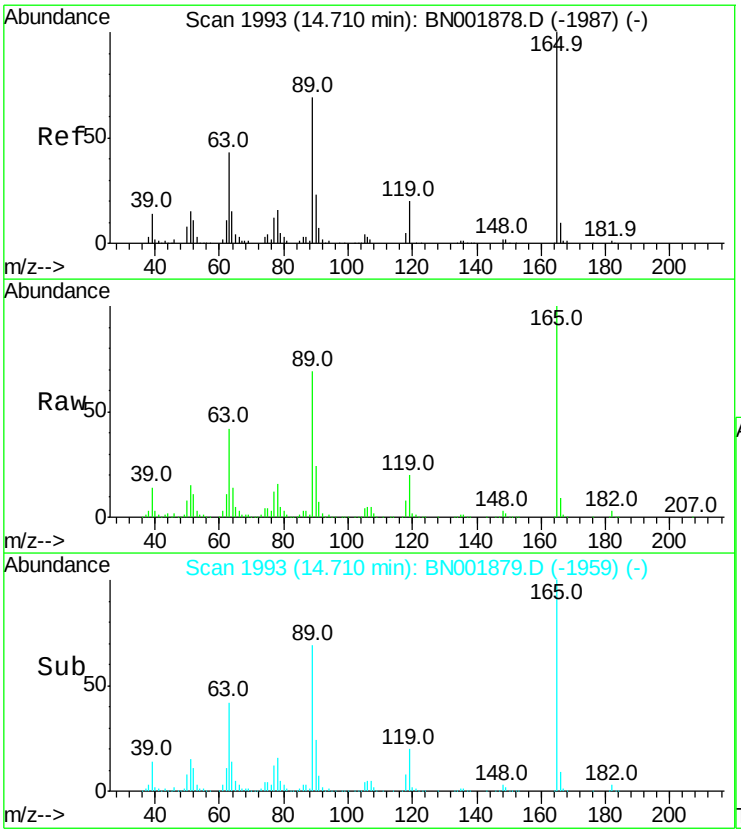
#49
Acenaphthene
Concen: 19.331 ng/ul
RT: 14.41 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Instrument :
BNA_N
ClientSampleId :
DAXN3

Tgt Ion:153 Resp: 1873457

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.9	56.9
154	88.5	69.8	104.6

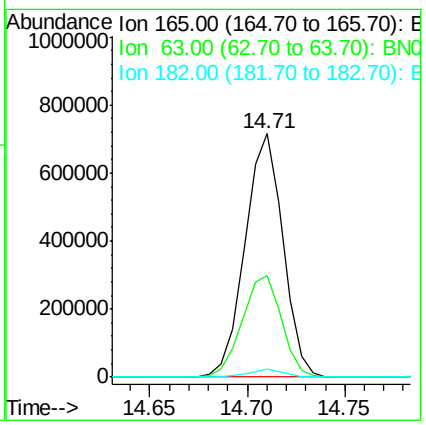


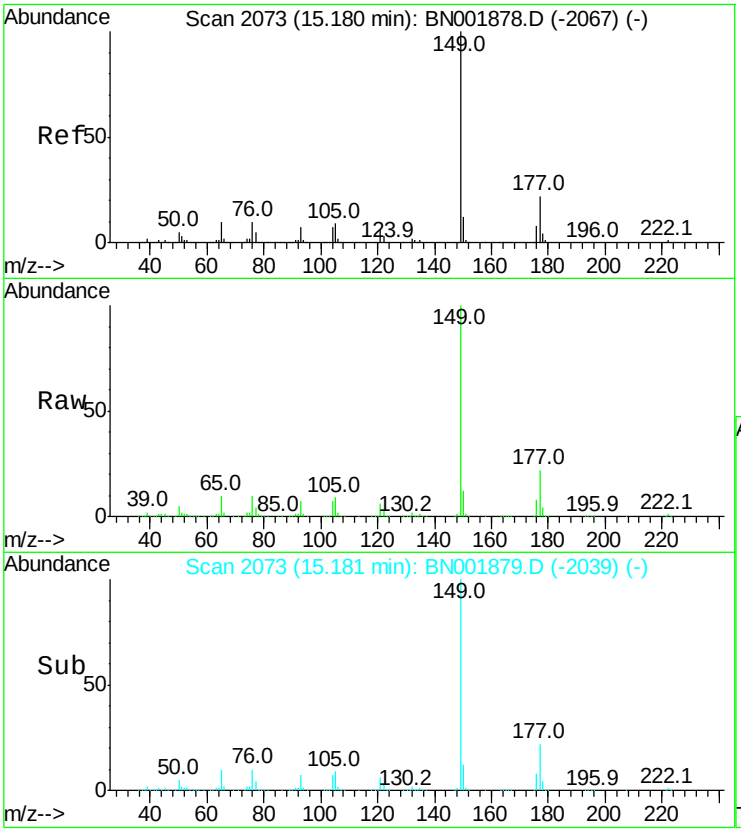


#54
2,4-Dinitrotoluene
Concen: 29.773 ng/ul
RT: 14.71 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Tgt Ion:165 Resp: 963159

Ion	Ratio	Lower	Upper
165	100		
63	41.9	31.4	47.0
182	3.1	2.7	4.1



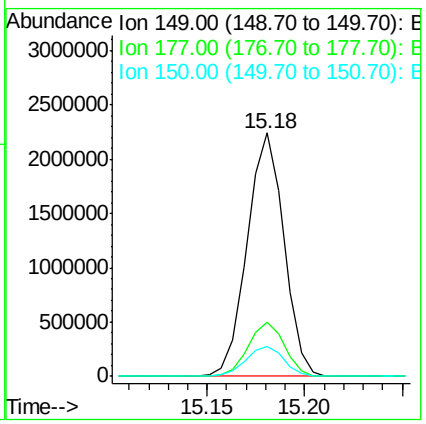


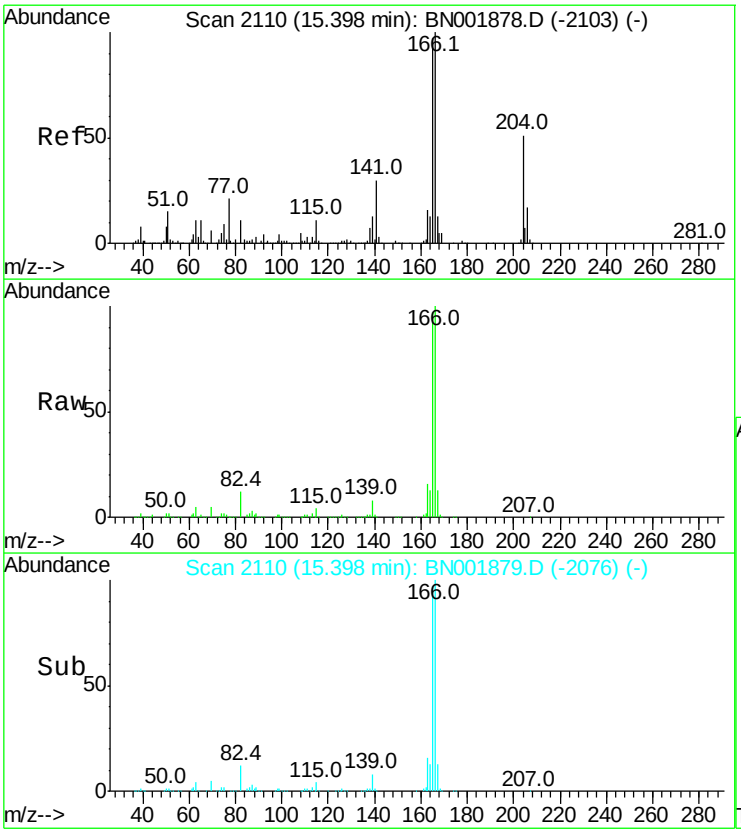
#56
Diethylphthalate
Concen: 25.036 ng/ul
RT: 15.18 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Instrument :
BNA_N
ClientSampleId :
DAXN3

Tgt Ion:149 Resp: 2923641

Ion	Ratio	Lower	Upper
149	100		
177	22.4	19.3	28.9
150	12.3	10.6	15.8

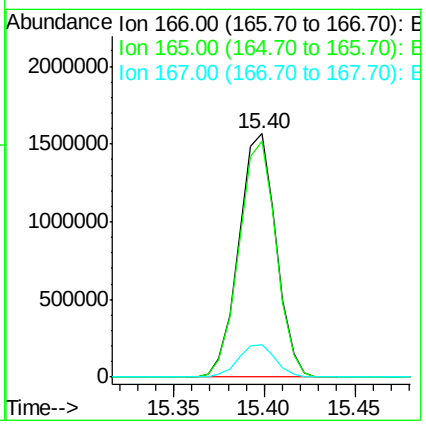


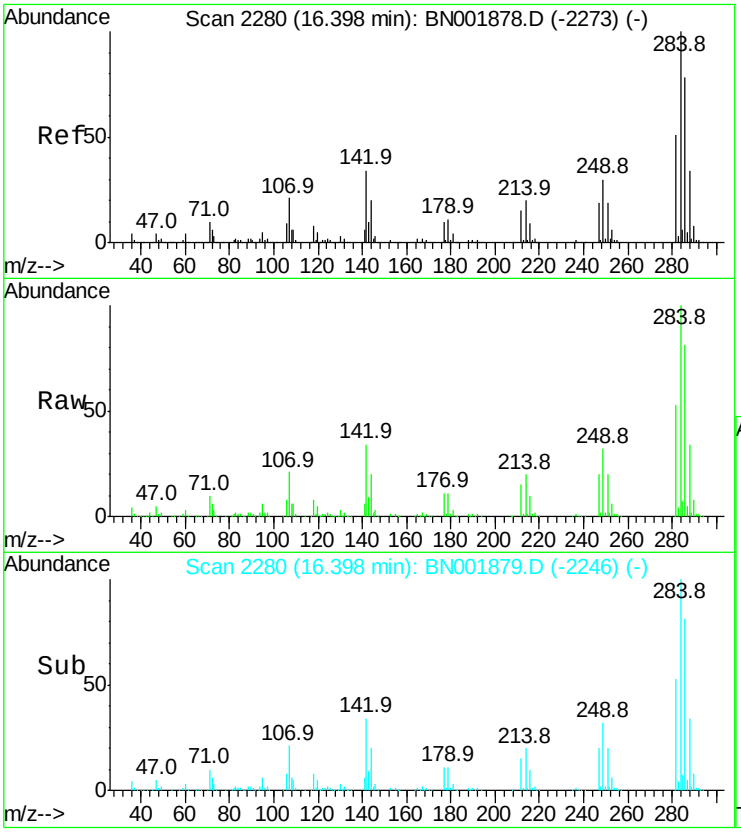


#58
Fluorene
Concen: 20.082 ng/ul
RT: 15.40 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Tgt Ion:166 Resp: 2227672

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.4	117.6
167	13.1	11.1	16.7



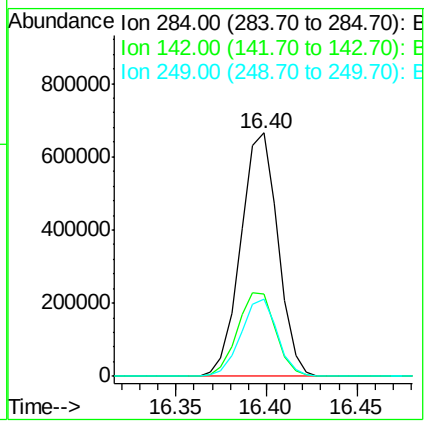


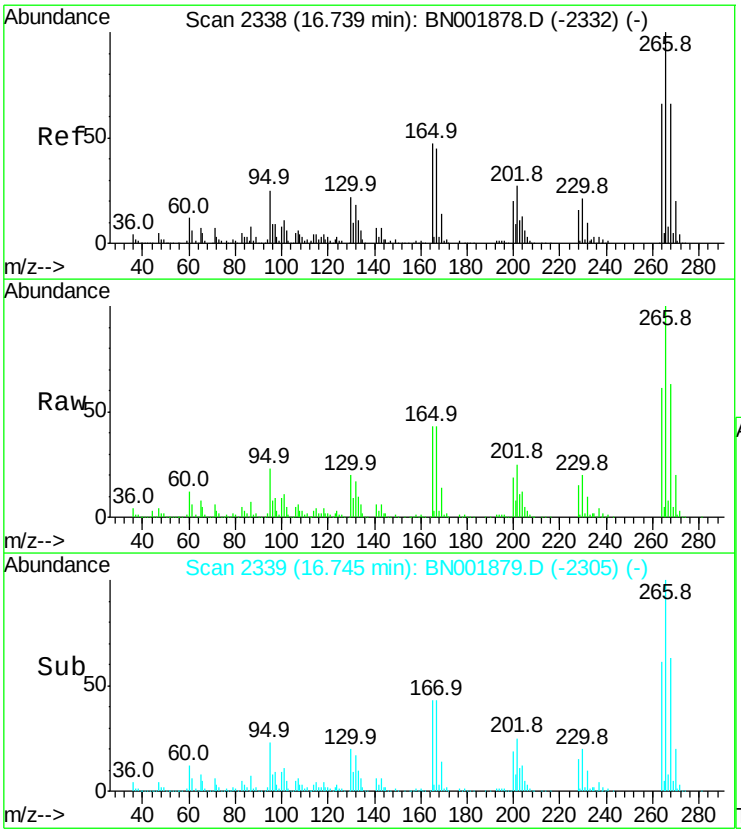
#66
Hexachlorobenzene
Concen: 24.417 ng/ul
RT: 16.40 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Instrument :
BNA_N
ClientSampleId :
DAXN3

Tgt Ion:284 Resp: 946529

Ion	Ratio	Lower	Upper
284	100		
142	33.8	21.3	31.9#
249	31.6	26.3	39.5

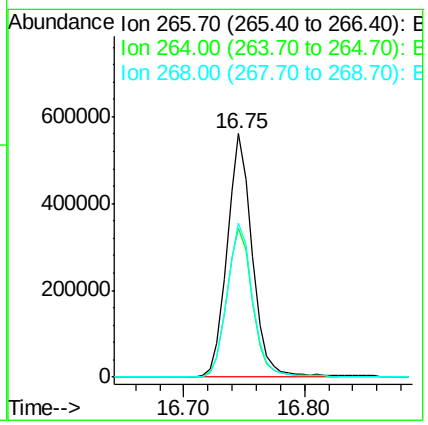


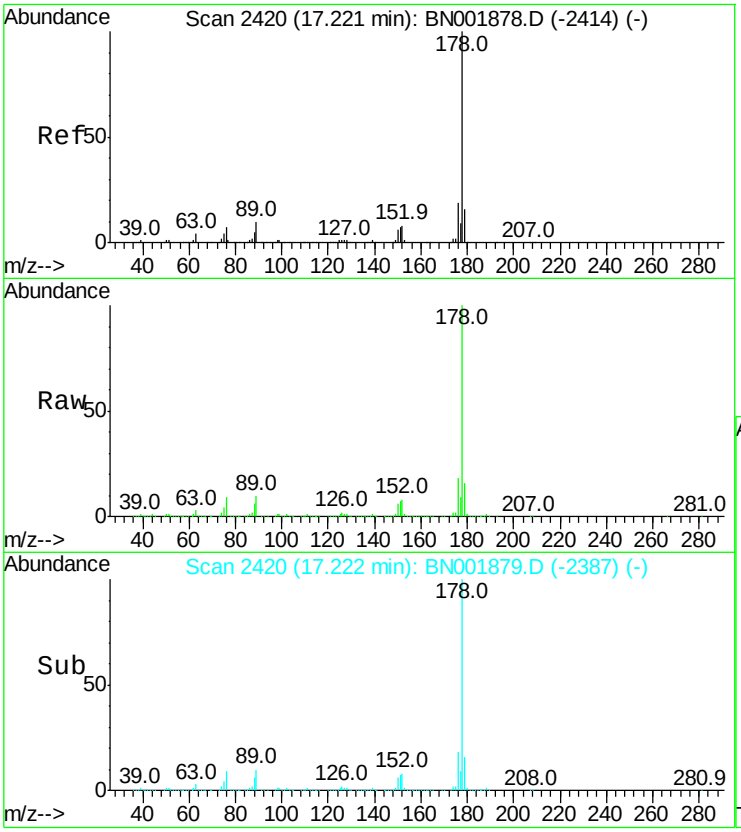


#68
Pentachlorophenol
Concen: 37.858 ng/ul
RT: 16.75 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Tgt Ion:266 Resp: 811562

Ion	Ratio	Lower	Upper
266	100		
264	61.2	48.2	72.4
268	63.5	52.3	78.5



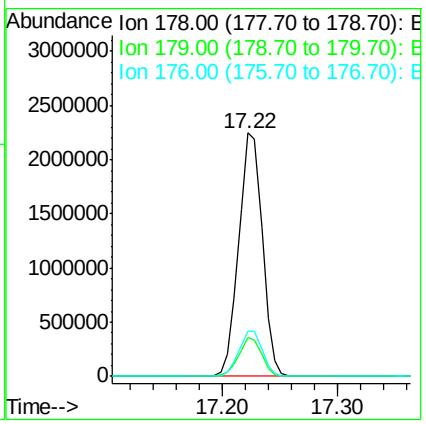


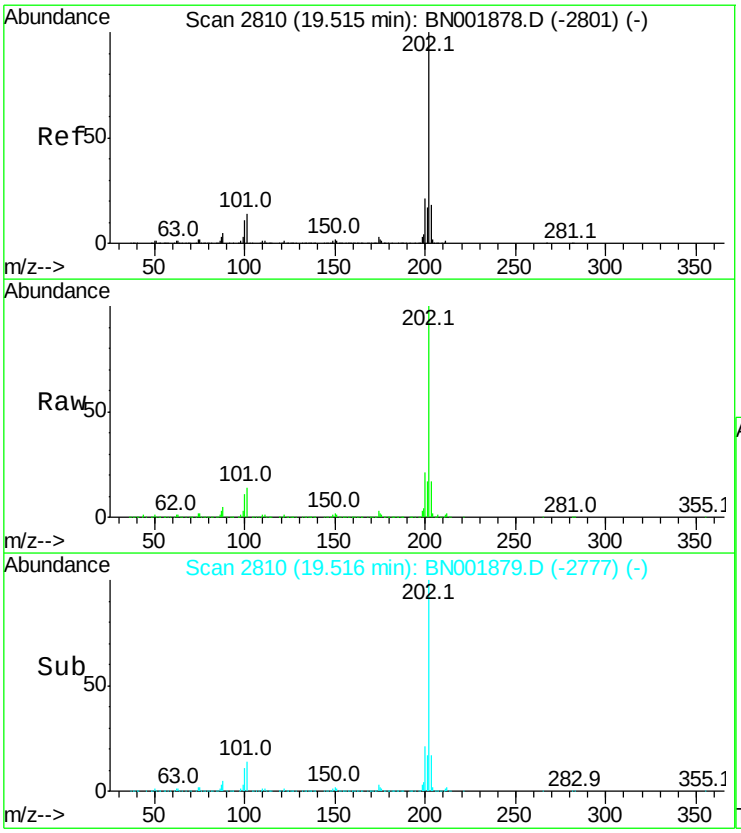
#71
Anthracene
Concen: 17.656 ng/ul
RT: 17.22 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Instrument :
BNA_N
ClientSampleId :
DAXN3

Tgt Ion:178 Resp: 3189986

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	18.4	15.4	23.0

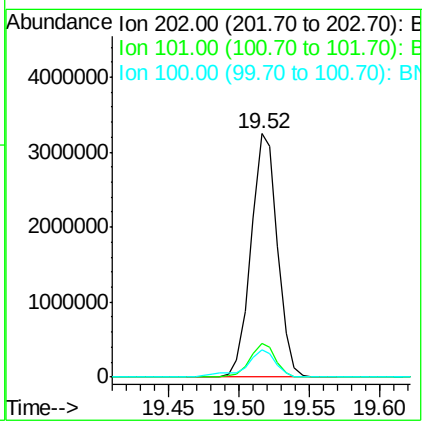


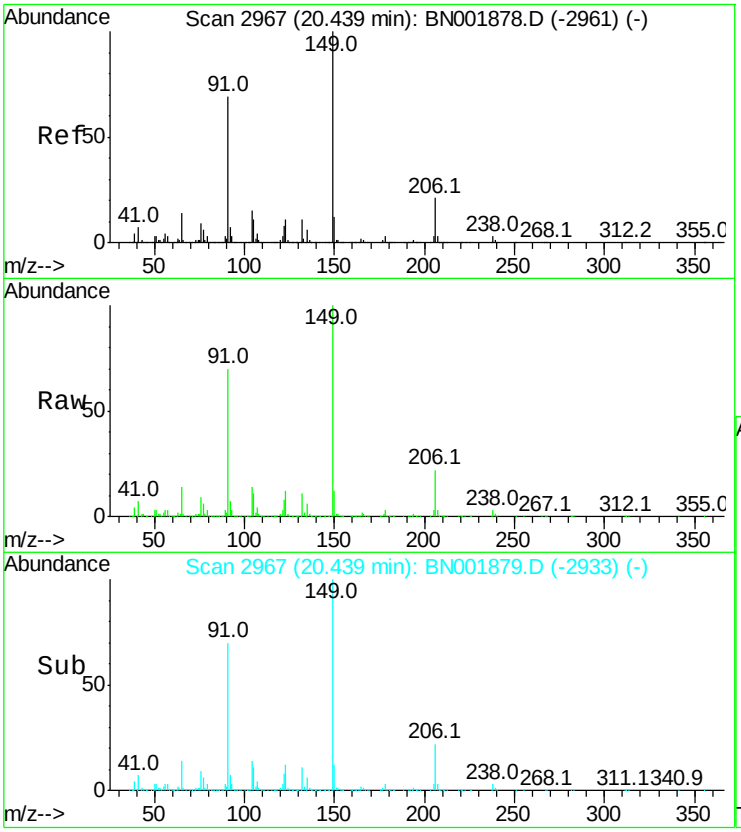


#77
Pyrene
Concen: 24.235 ng/ul
RT: 19.52 min Scan# 2810
Delta R.T. -0.01 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Tgt Ion:202 Resp: 4266837

Ion	Ratio	Lower	Upper
202	100		
101	13.9	6.9	10.3#
100	11.3	5.6	8.4#



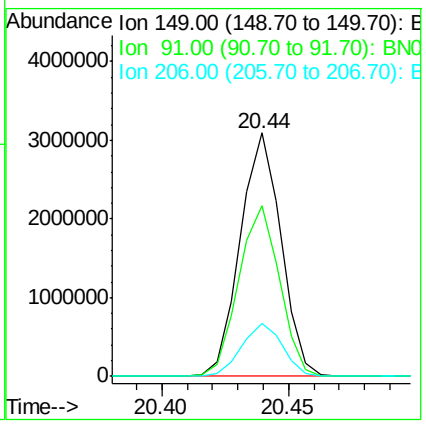


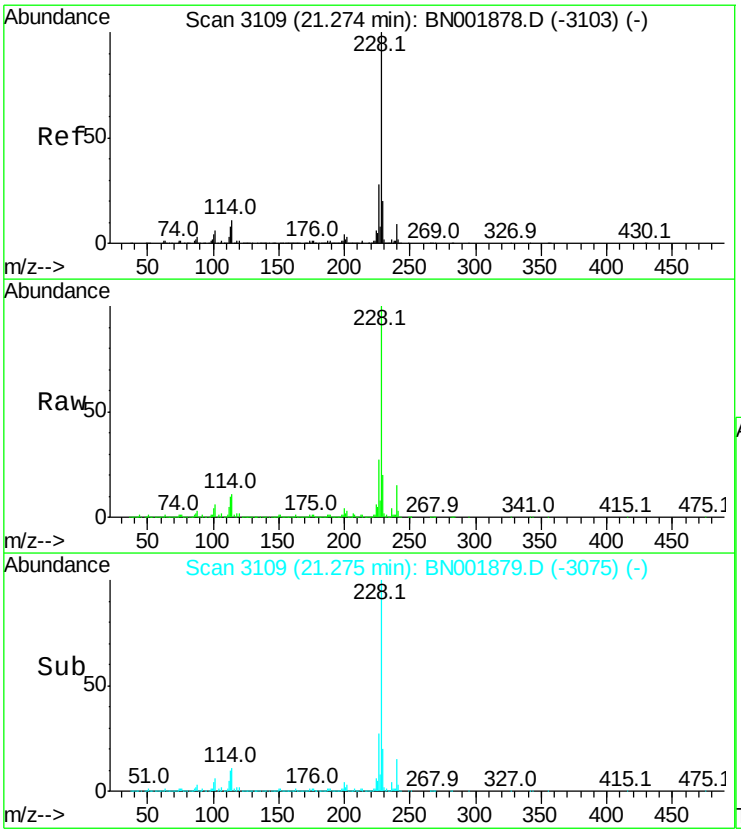
#78
Butylbenzylphthalate
Concen: 46.118 ng/ul
RT: 20.44 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Instrument :
BNA_N
ClientSampleId :
DAXN3

Tgt Ion:149 Resp: 3464829

Ion	Ratio	Lower	Upper
149	100		
91	70.2	53.4	80.0
206	21.7	19.3	28.9

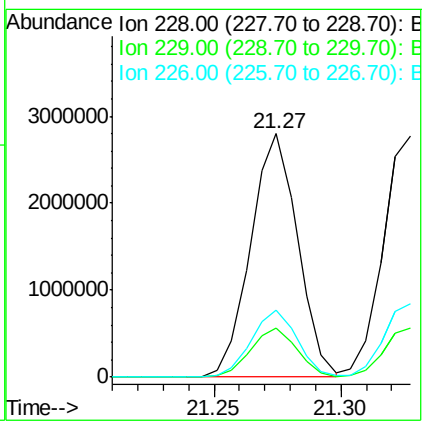


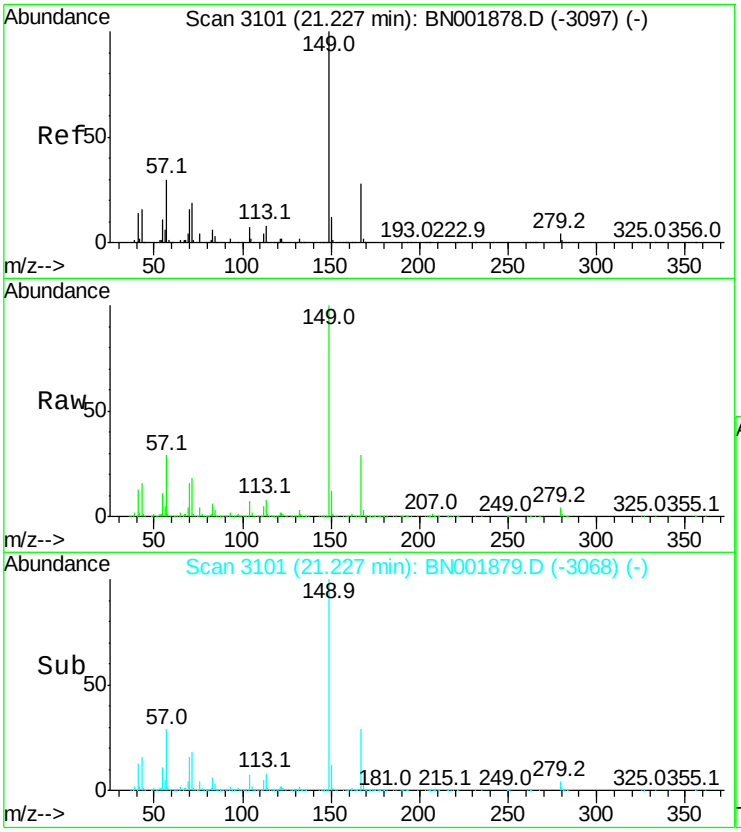


#80
Benzo(a)anthracene
Concen: 20.249 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Tgt Ion:228 Resp: 3600488

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.0	24.0
226	27.4	21.8	32.8



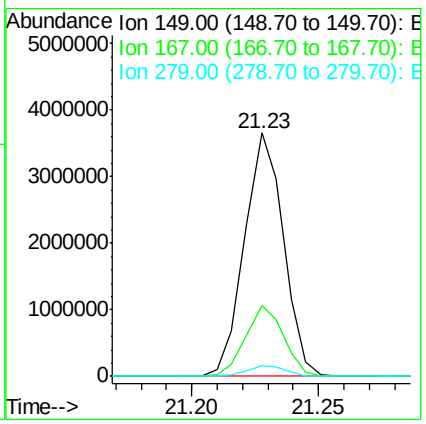


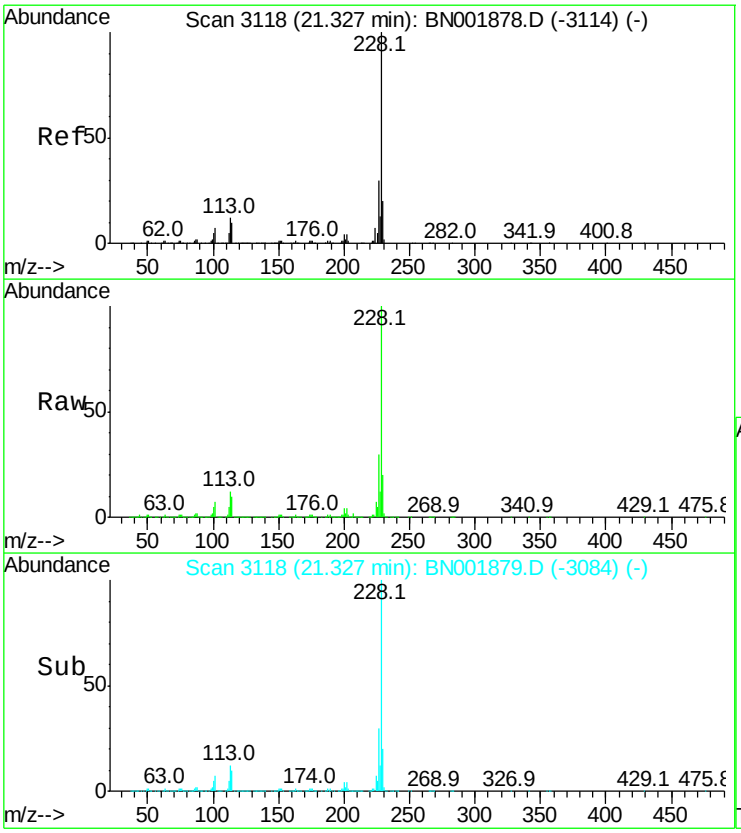
#81
Bis(2-ethylhexyl)phthalate
Concen: 35.090 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Instrument :
BNA_N
ClientSampleId :
DAXN3

Tgt Ion:149 Resp: 3931238

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.6
279	4.5	4.3	6.5

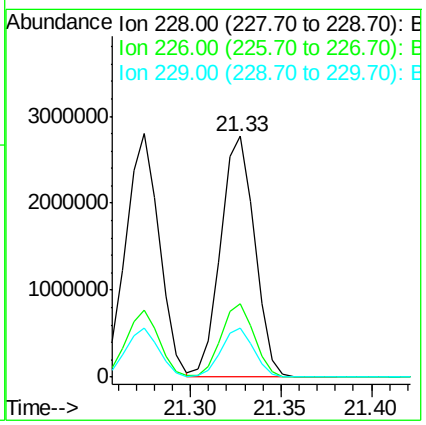


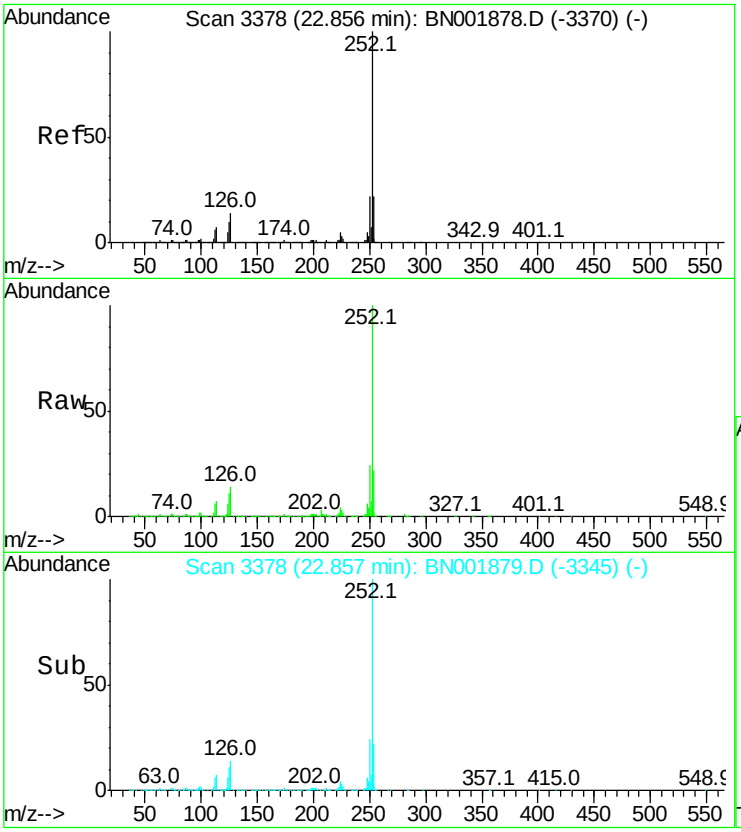


#82
Chrysene
Concen: 21.771 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Tgt Ion:228 Resp: 3601736

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	20.3	16.0	24.0



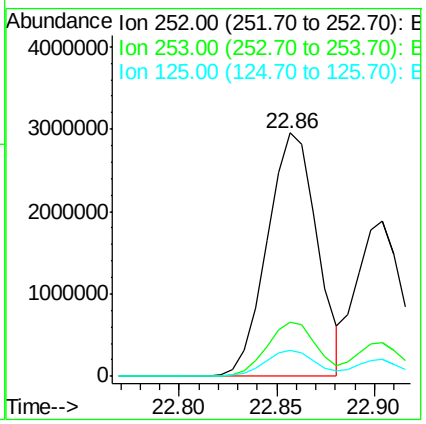


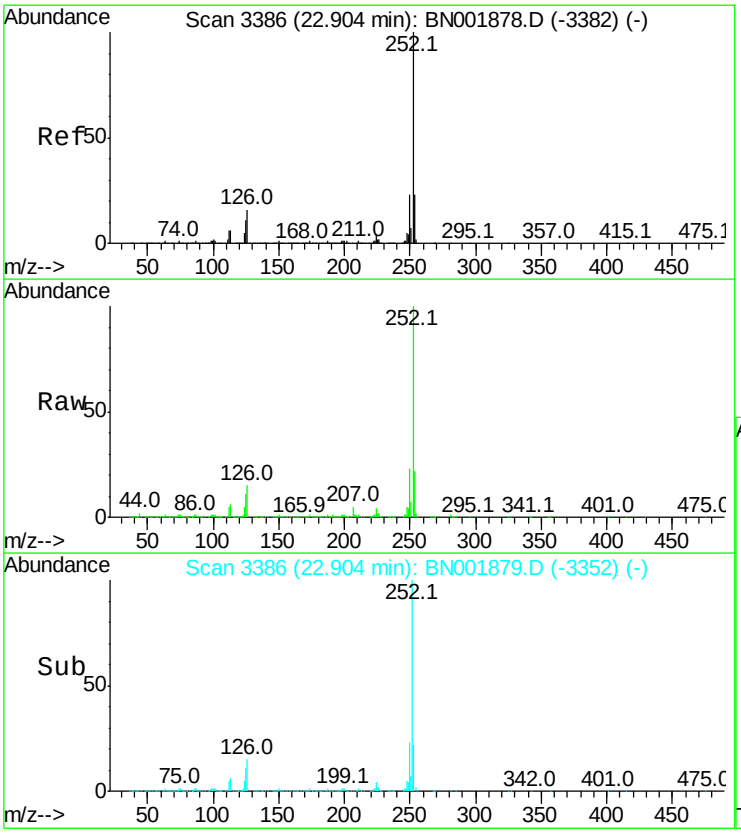
#85
Benzo(b)fluoranthene
Concen: 34.958 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Instrument :
BNA_N
ClientSampleId :
DAXN3

Tgt Ion:252 Resp: 5221450

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.8	4.9	7.3#

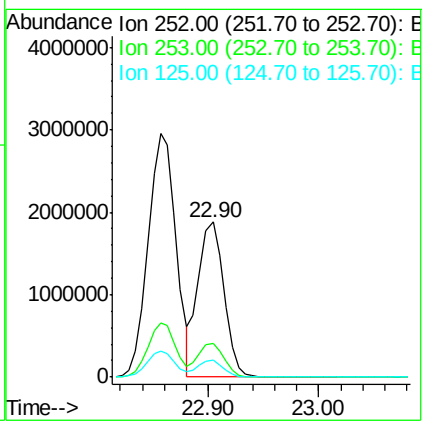


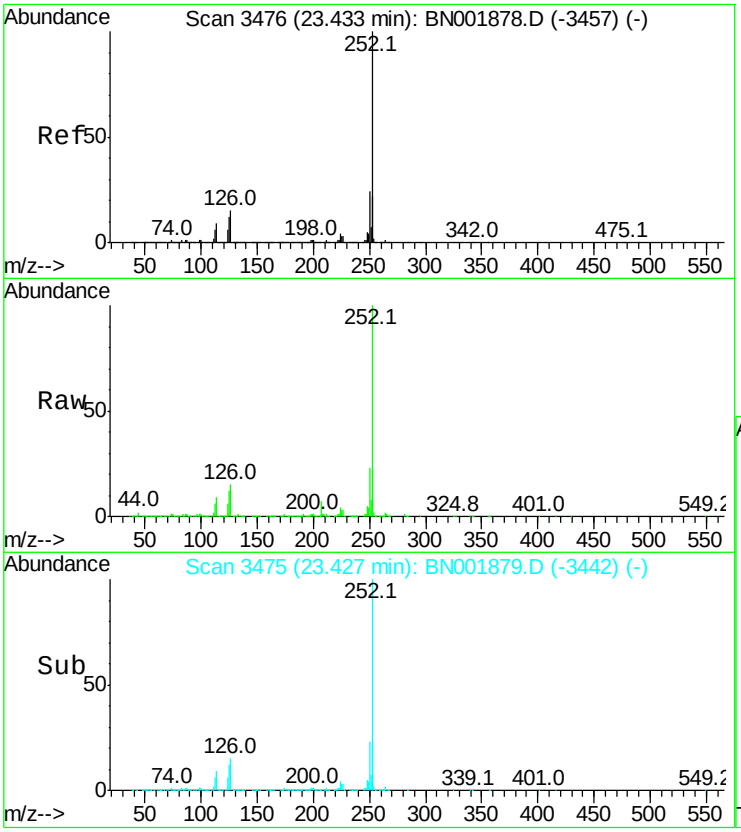


#86
Benzo(k)fluoranthene
Concen: 20.850 ng/ul
RT: 22.90 min Scan# 3386
Delta R.T. -0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Tgt Ion:252 Resp: 3019795

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	10.7	5.4	8.0#



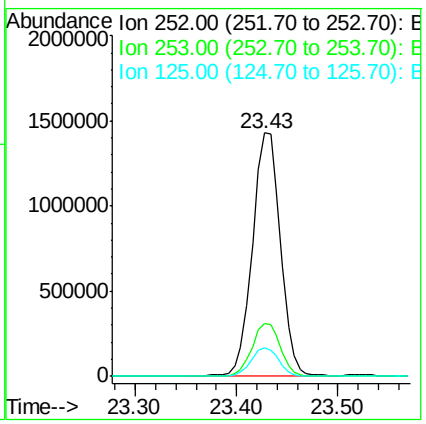


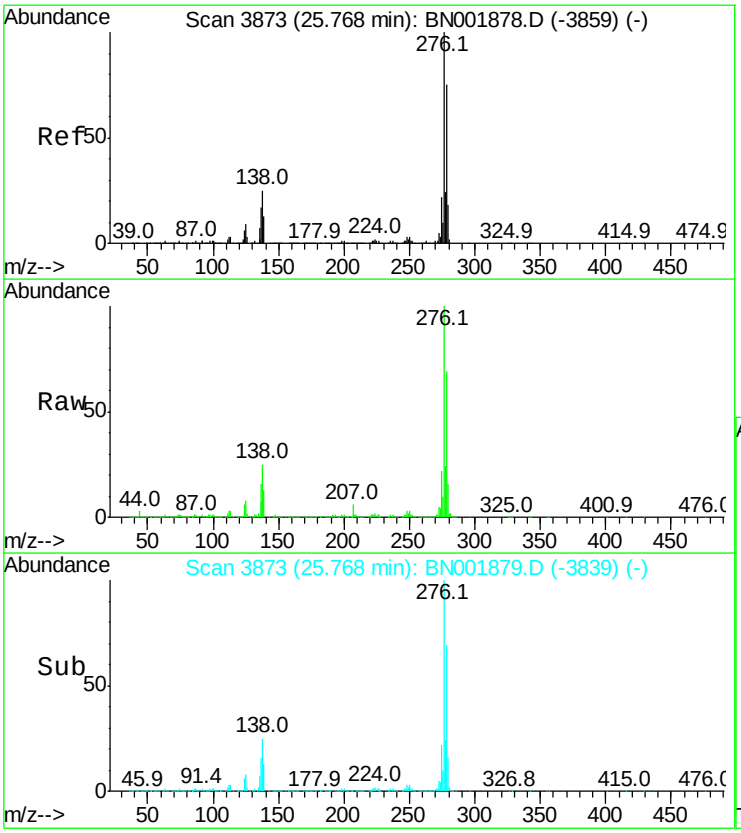
#88
Benzo(a)pyrene
Concen: 19.654 ng/ul
RT: 23.43 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Instrument :
BNA_N
ClientSampleId :
DAXN3

Tgt Ion:252 Resp: 2743263

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.6	5.8	8.6#

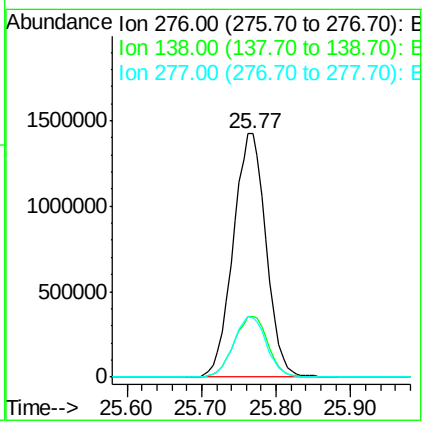


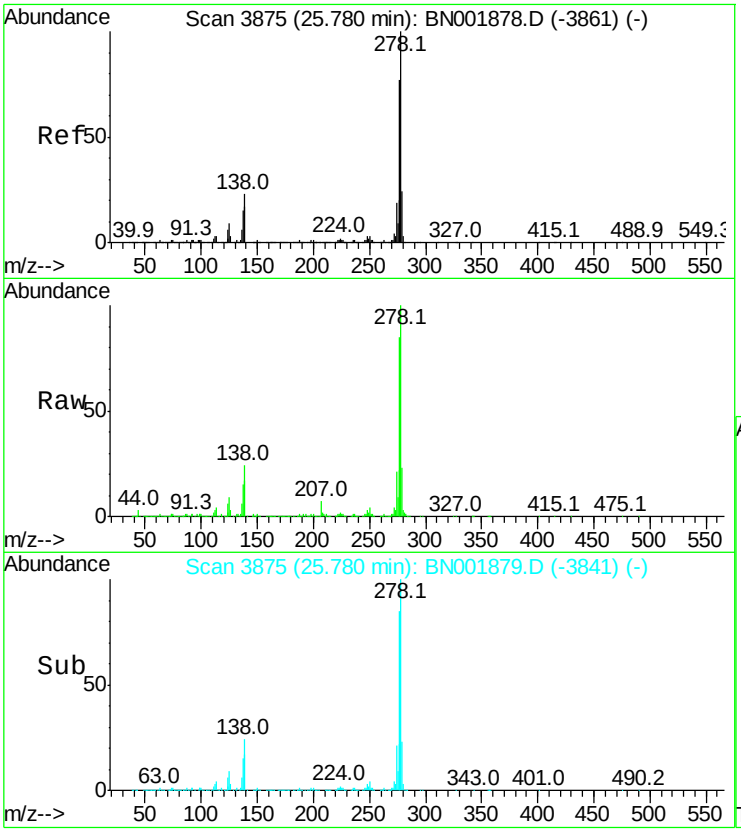


#89
Indeno(1,2,3-cd)pyrene
Concen: 29.317 ng/ul
RT: 25.77 min Scan# 3873
Delta R.T. -0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Tgt Ion:276 Resp: 4354126

Ion	Ratio	Lower	Upper
276	100		
138	25.1	10.9	16.3#
277	24.4	18.9	28.3





#90
Dibenzo(a,h)anthracene
Concen: 26.057 ng/ul
RT: 25.78 min Scan# 3875
Delta R.T. -0.00 min
Lab File: BN001879.D
Acq: 20 Jun 2018 10:18

Instrument :
BNA_N
ClientSampleId :
DAXN3

Tgt Ion:278 Resp: 3220849

Ion	Ratio	Lower	Upper
278	100		
139	17.0	9.0	13.4#
279	23.4	19.1	28.7