Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN030118\
Data File : BN000220.D
Acq On : 01 Mar 2018 16:46
Operator : JU/SJ
Sample : J1161-02
Misc : LOQ 0.2 PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DFTPP

Quant Time: Mar 01 17:59:40 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 15:07:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	7785	0.40	ng		0.00
7) Naphthalene-d8	11.29	136	27621	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	13590	0.40	ng		0.00
19) Phenanthrene-d10	17.78	188	30545	0.40	ng		0.00
27) Chrysene-d12	21.89	240	21696	0.40	ng		0.00
34) Perylene-d12	24.37	264	16851	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.93	112	4973	0.30	ng		0.00
5) Phenol-d6	7.57	99	6078	0.29	ng		0.00
8) Nitrobenzene-d5	9.63	82	4843	0.30	ng		0.00
11) 2-Methylnaphthalene-d10	12.85	152	13474	0.32	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	1197	0.28	ng		0.00
15) 2-Fluorobiphenyl	13.69	172	20683	0.32	ng		0.00
25) Fluoranthene-d10	19.77	212	23326	0.29	ng		0.00
29) Terphenyl-d14	20.33	244	13830	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	1448	0.180	ng		91
3) n-Nitrosodimethylamine	4.04	42	597	0.183	ng	#	98
6) bis(2-Chloroethyl)ether	7.85	93	4378	0.165	ng		99
9) Naphthalene	11.34	128	13954	0.173	ng		96
10) Hexachlorobutadiene	11.62	225	2422	0.177	ng		97
12) 2-Methylnaphthalene	12.92	142	8931	0.169	ng		99
16) Acenaphthylene	14.79	152	9556	0.149	ng		100
17) Acenaphthene	15.12	154	8501	0.168	ng		97
18) Fluorene	16.09	166	10262	0.163	ng	#	80
20) 4-Bromophenyl-phenylether	16.96	248	2805	0.159	ng	#	69
21) Hexachlorobenzene	17.09	284	3937	0.167	ng		97
22) Pentachlorophenol	17.43	266	679	0.187	ng		94
23) Phenanthrene	17.82	178	17560	0.163	ng		98
24) Anthracene	17.91	178	11757	0.144	ng		95
26) Fluoranthene	19.80	202	16600	0.149	ng	#	96
28) Pyrene	20.15	202	16743	0.197	ng		100
30) Benzo(a)anthracene	21.87	228	11039	0.162	ng		98
31) Chrysene	21.93	228	14274	0.179	ng		99
32) Bis(2-ethylhexyl)phthalate	21.76	149	4453	0.175	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.92	276	10866	0.146	ng	#	89
35) Benzo(b)fluoranthene	23.61	252	13052	0.170	ng		98
36) Benzo(k)fluoranthene	23.66	252	12604	0.168	ng	#	83
37) Benzo(a)pyrene	24.26	252	9638	0.154	ng	#	81
38) Dibenzo(a,h)anthracene	26.93	278	8470	0.152	ng	#	88
39) Benzo(g,h,i)perylene	27.71	276	10600	0.161	ng	#	85

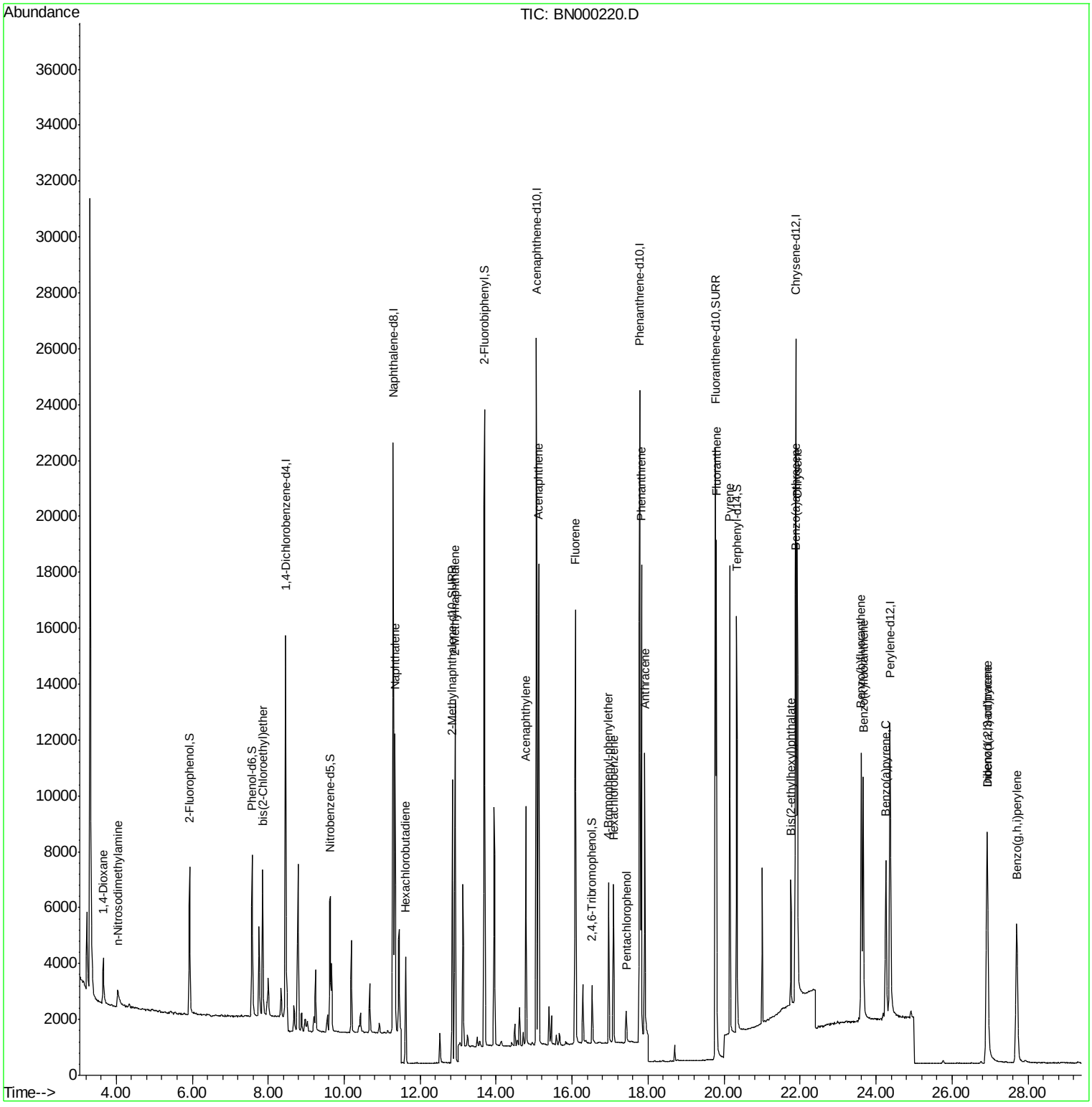
(#) = qualifier out of range (m) = manual integration (+) = signals summed

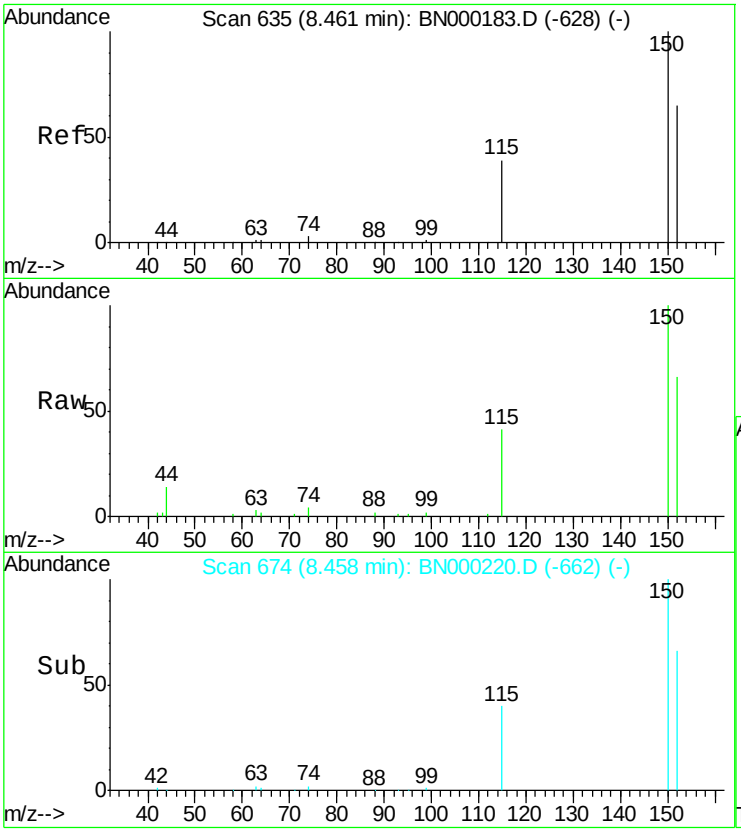
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN030118\
Data File : BN000220.D
Acq On : 01 Mar 2018 16:46
Operator : JU/SJ
Sample : J1161-02
Misc : LOQ 0.2 PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DFTPP

Quant Time: Mar 01 17:59:40 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 15:07:57 2018
Response via : Initial Calibration



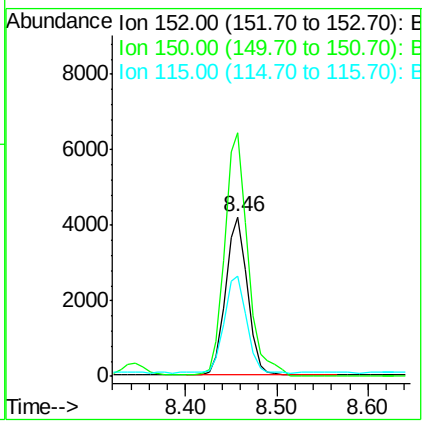


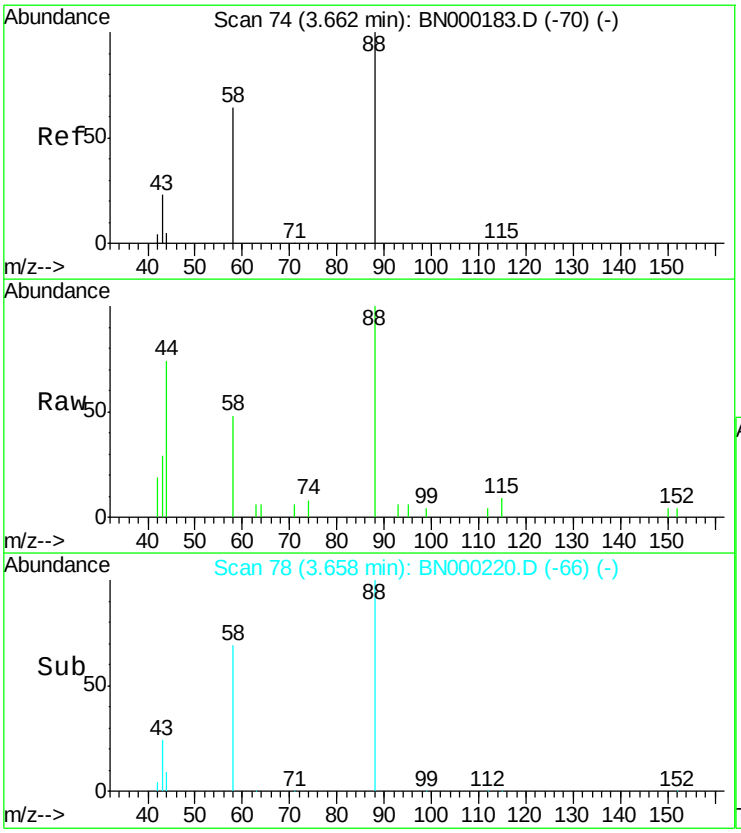
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 674
Delta R.T. -0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 7785

Ion	Ratio	Lower	Upper
152	100		
150	152.7	117.2	175.8
115	62.5	57.0	85.6

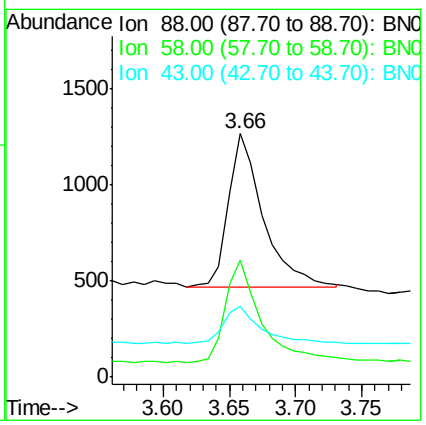


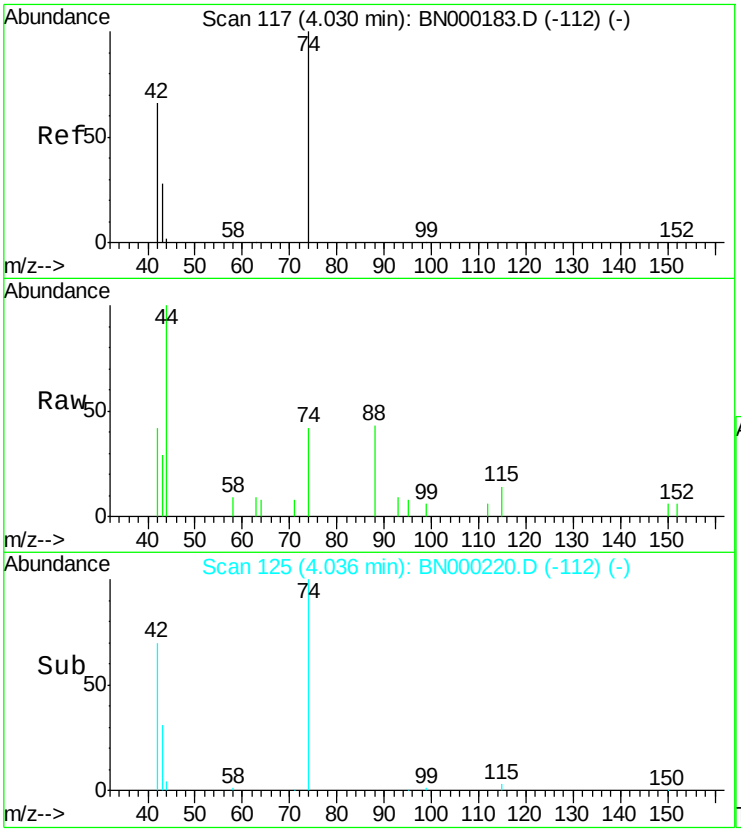


#2
1,4-Dioxane
Concen: 0.180 ng
RT: 3.66 min Scan# 78
Delta R.T. -0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion: 88 Resp: 1448

Ion	Ratio	Lower	Upper
88	100		
58	68.4	48.0	72.0
43	27.3	20.0	30.0



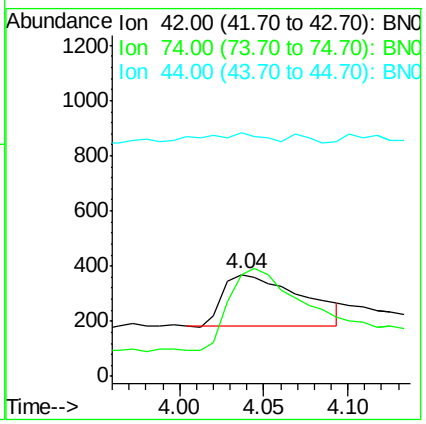


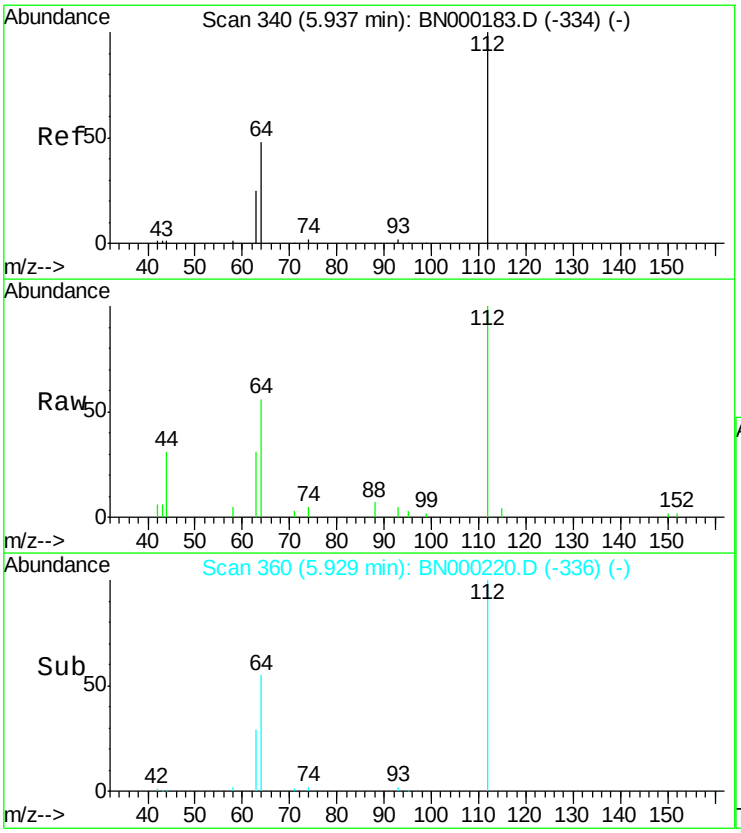
#3
n-Nitrosodimethylamine
Concen: 0.183 ng
RT: 4.04 min Scan# 125
Delta R.T. 0.01 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion: 42 Resp: 597

Ion	Ratio	Lower	Upper
42	100		
74	151.9	120.0	180.0
44	14.1	4.0	6.0#

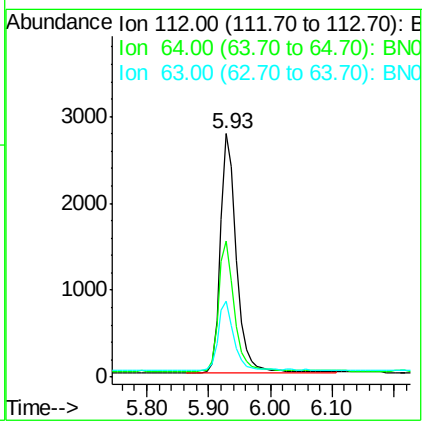


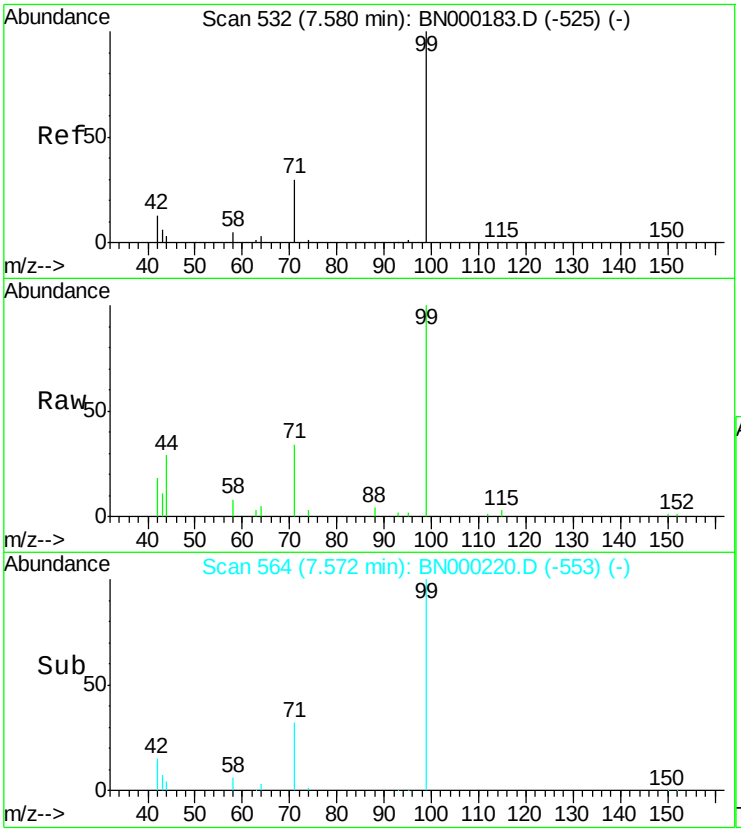


#4
2-Fluorophenol
Concen: 0.303 ng
RT: 5.93 min Scan# 360
Delta R.T. -0.01 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion:112 Resp: 4973

Ion	Ratio	Lower	Upper
112	100		
64	54.7	60.1	90.1#
63	29.1	116.8	175.2#



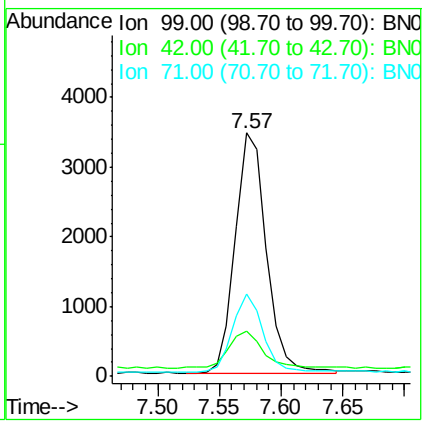


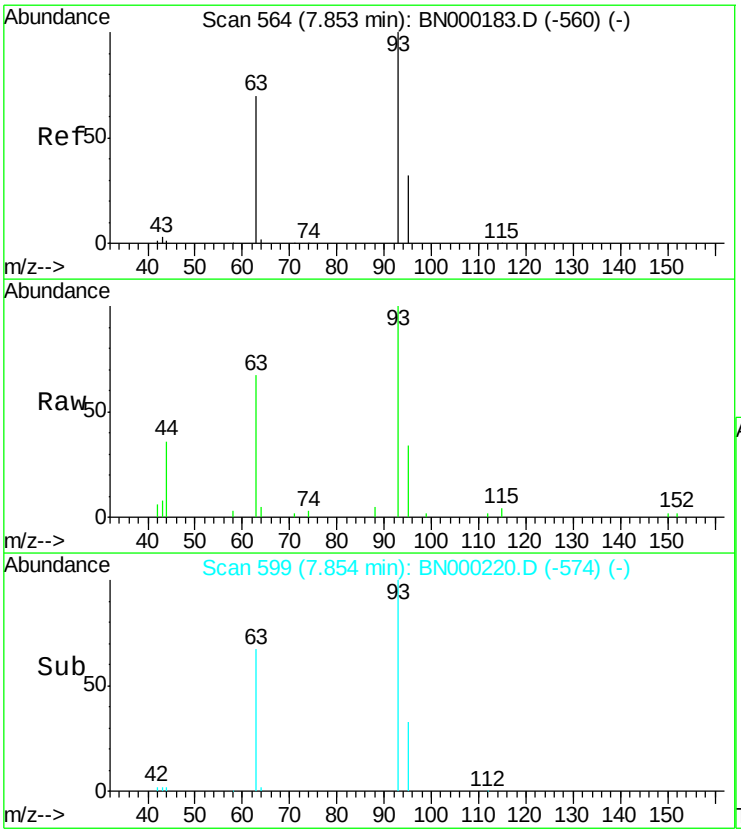
#5
Phenol-d6
Concen: 0.291 ng
RT: 7.57 min Scan# 564
Delta R.T. -0.01 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion: 99 Resp: 6078

Ion	Ratio	Lower	Upper
99	100		
42	16.8	20.2	30.2#
71	31.2	28.4	42.6

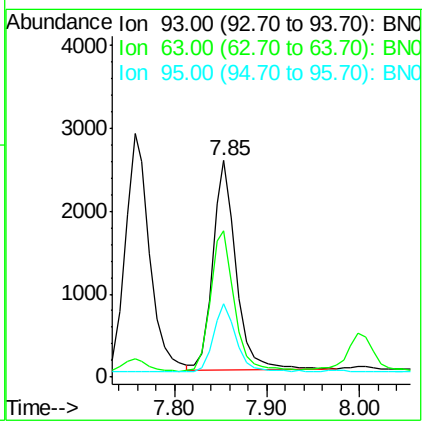


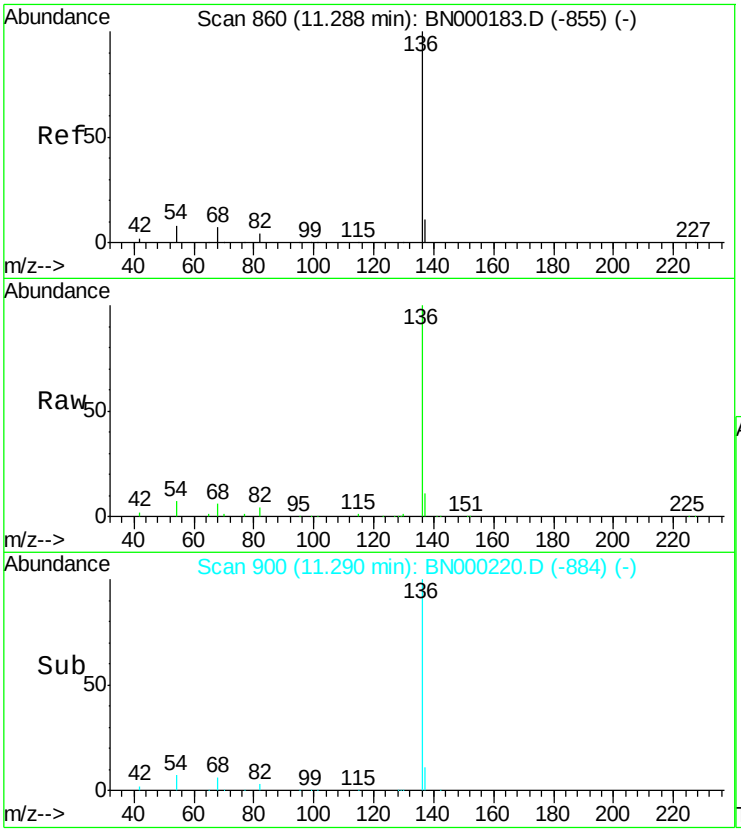


#6
bis(2-Chloroethyl)ether
Concen: 0.165 ng
RT: 7.85 min Scan# 599
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion: 93 Resp: 4378

Ion	Ratio	Lower	Upper
93	100		
63	69.6	56.0	84.0
95	32.1	25.2	37.8



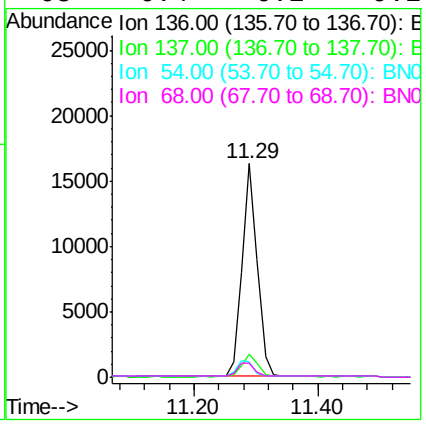


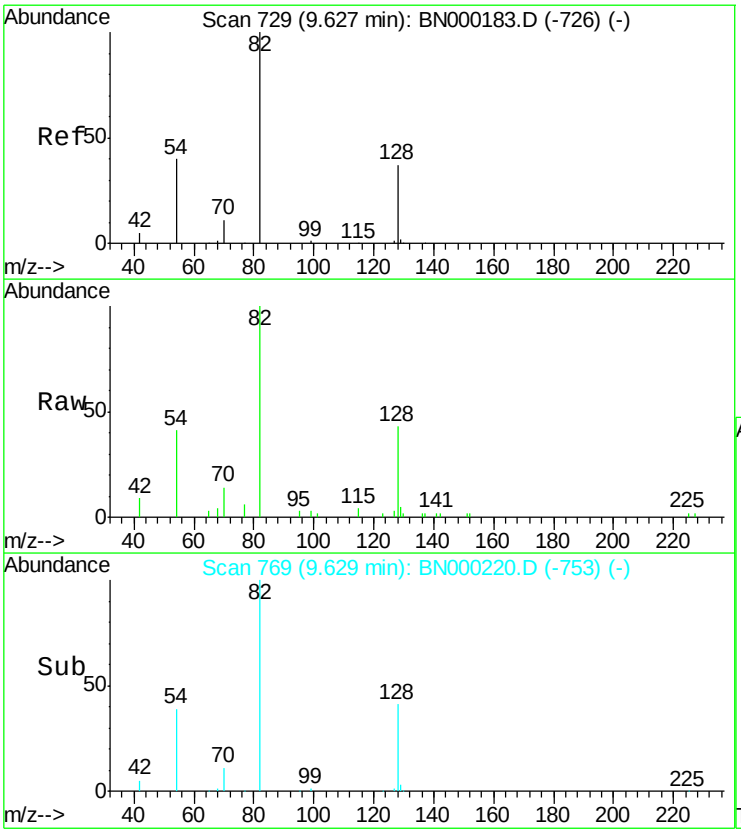
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.29 min Scan# 900
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:136 Resp: 27621

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.5	14.3
54	7.0	29.1	43.7#
68	6.4	6.2	9.2

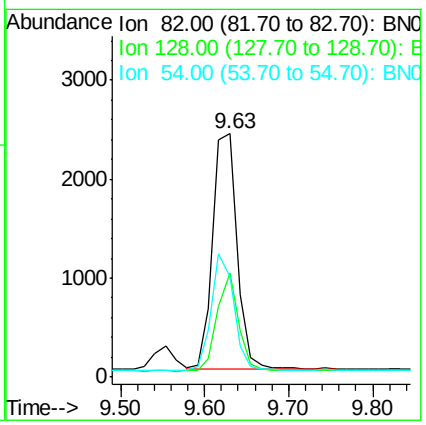


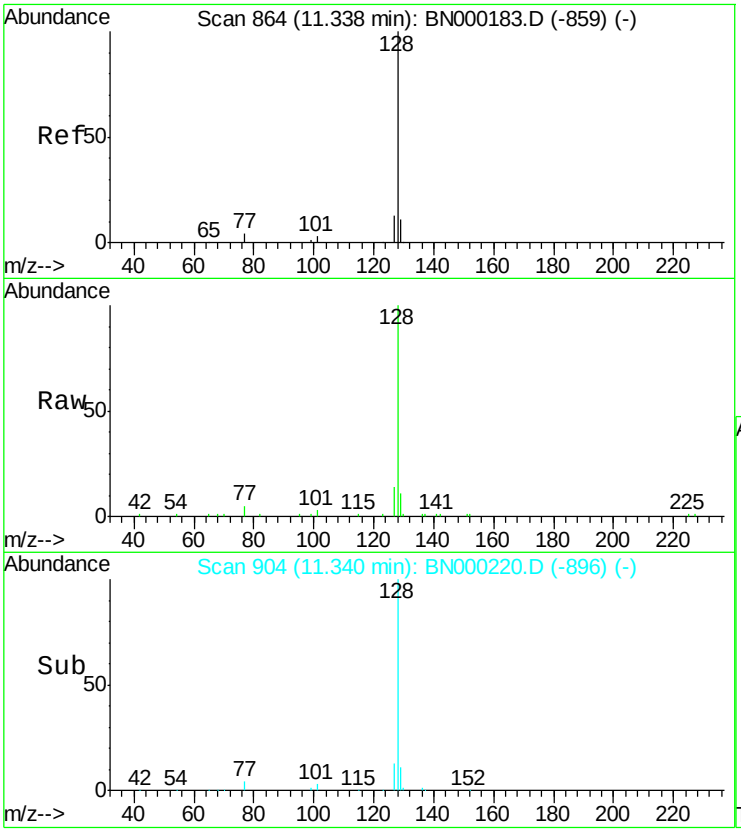


#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 9.63 min Scan# 769
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion: 82 Resp: 4843

Ion	Ratio	Lower	Upper
82	100		
128	42.7	150.0	225.0#
54	40.9	154.2	231.4#



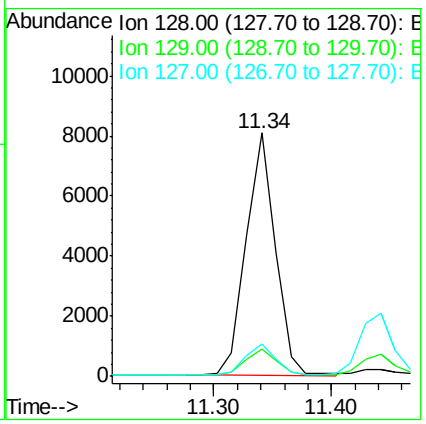


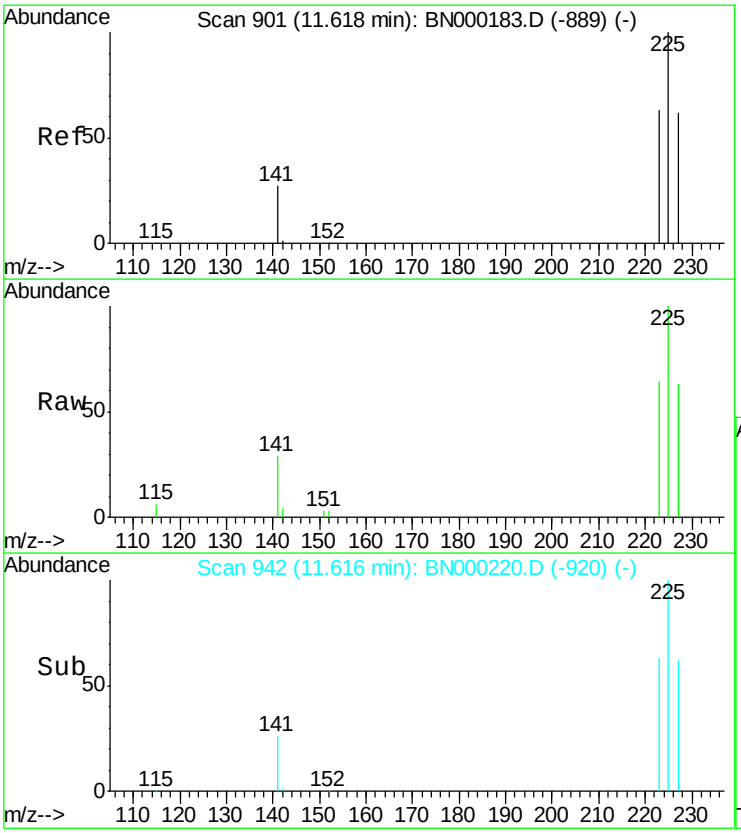
#9
Naphthalene
Concen: 0.173 ng
RT: 11.34 min Scan# 904
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:128 Resp: 13954

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.0	12.0
127	13.6	9.6	14.4

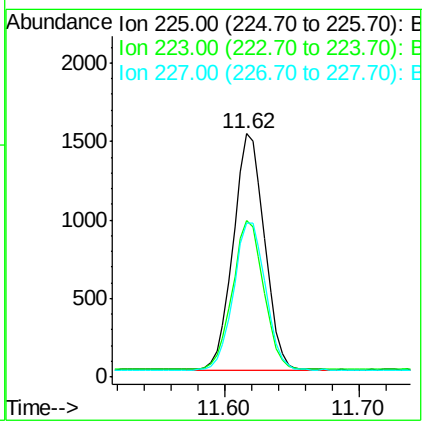


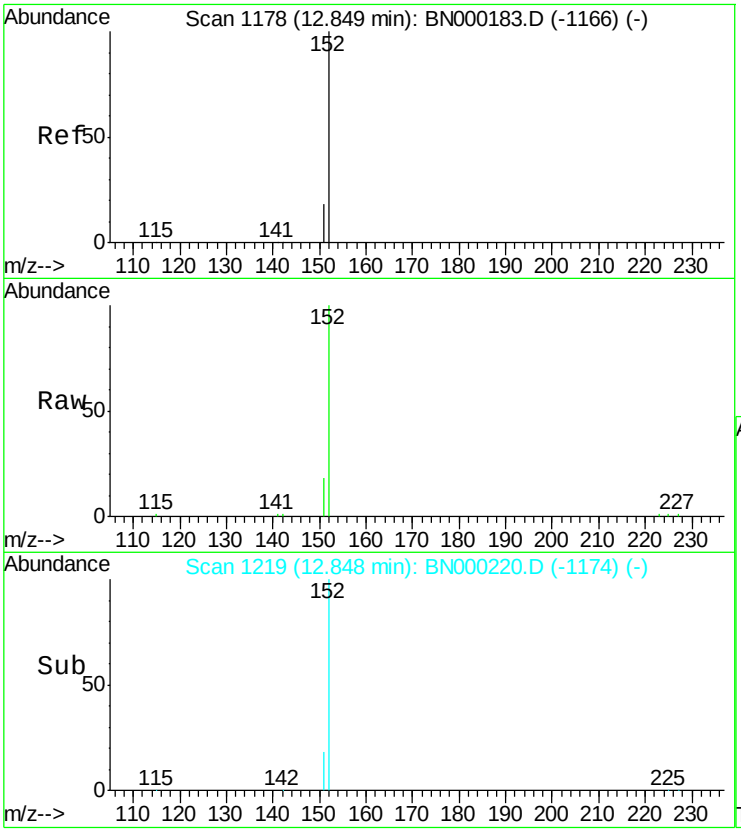


#10
Hexachlorobutadiene
Concen: 0.177 ng
RT: 11.62 min Scan# 942
Delta R.T. -0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion:225 Resp: 2422

Ion	Ratio	Lower	Upper
225	100		
223	62.8	53.0	79.6
227	63.5	51.4	77.2



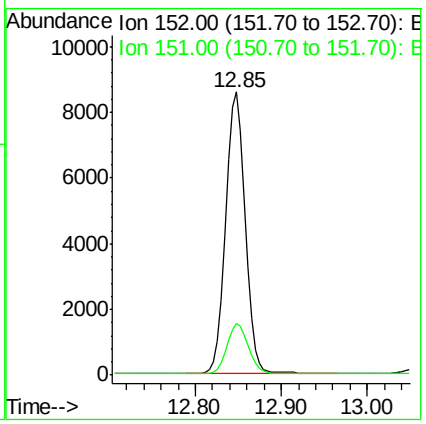


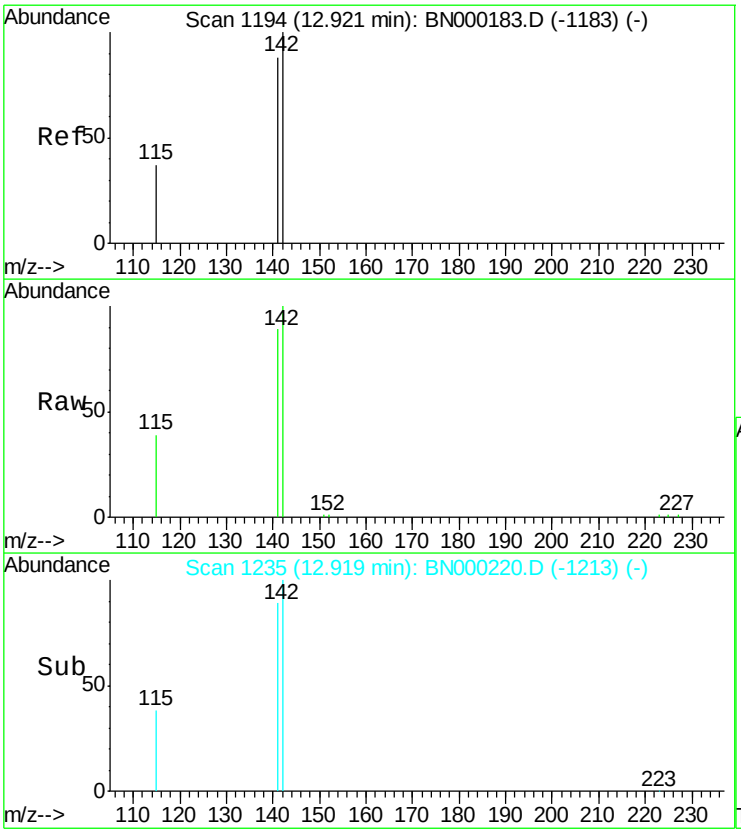
#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 12.85 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 13474

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0

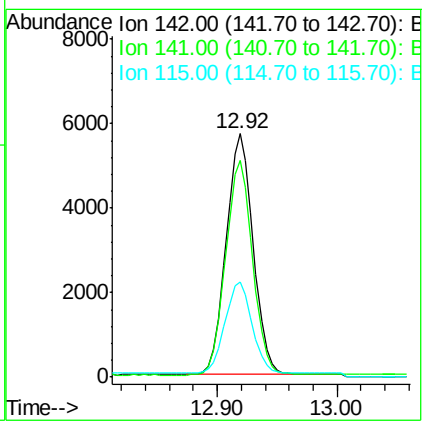


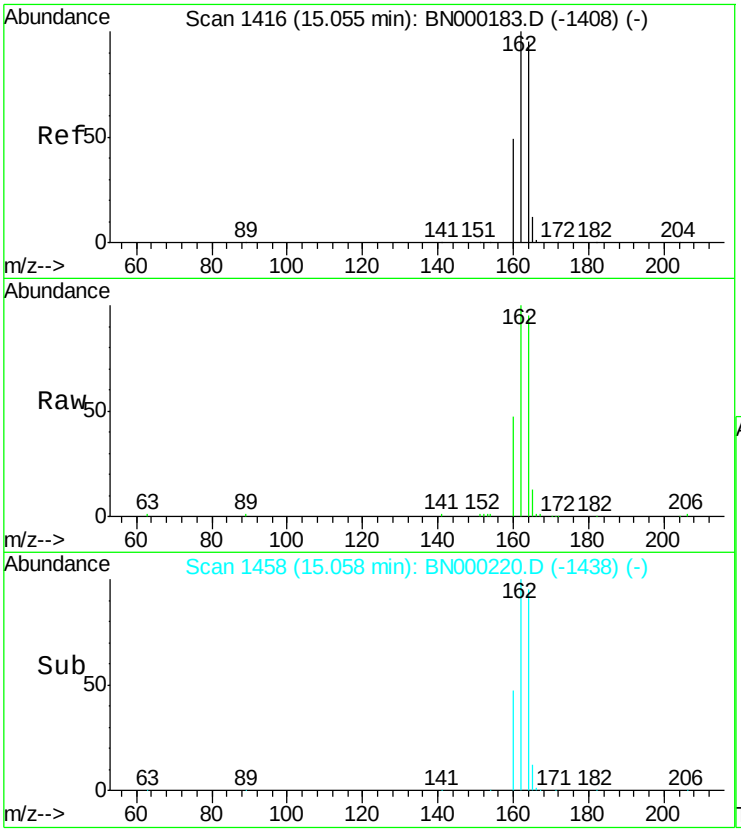


#12
2-Methylnaphthalene
Concen: 0.169 ng
RT: 12.92 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion:142 Resp: 8931

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.4	105.6
115	39.3	31.7	47.5



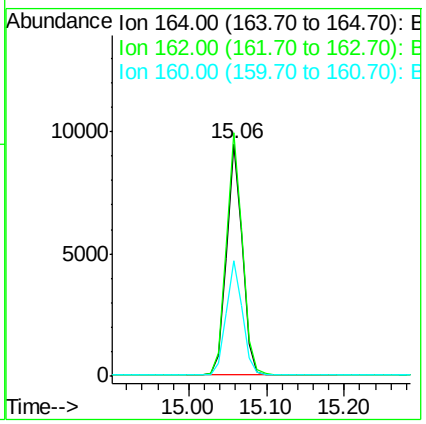


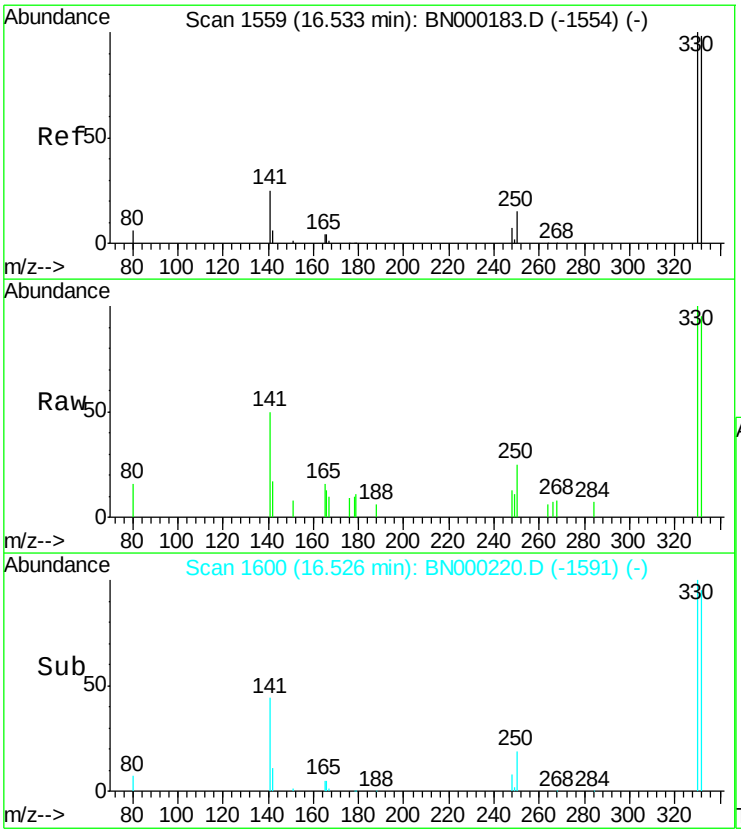
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:164 Resp: 13590

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.1	124.7
160	49.6	37.1	55.7

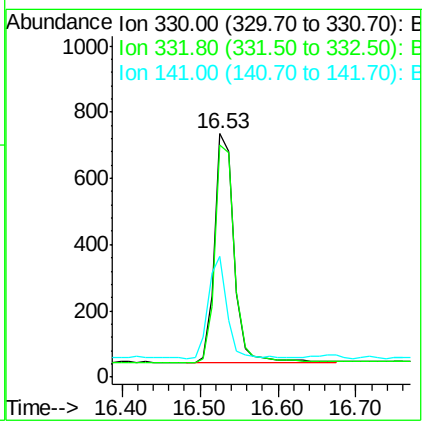


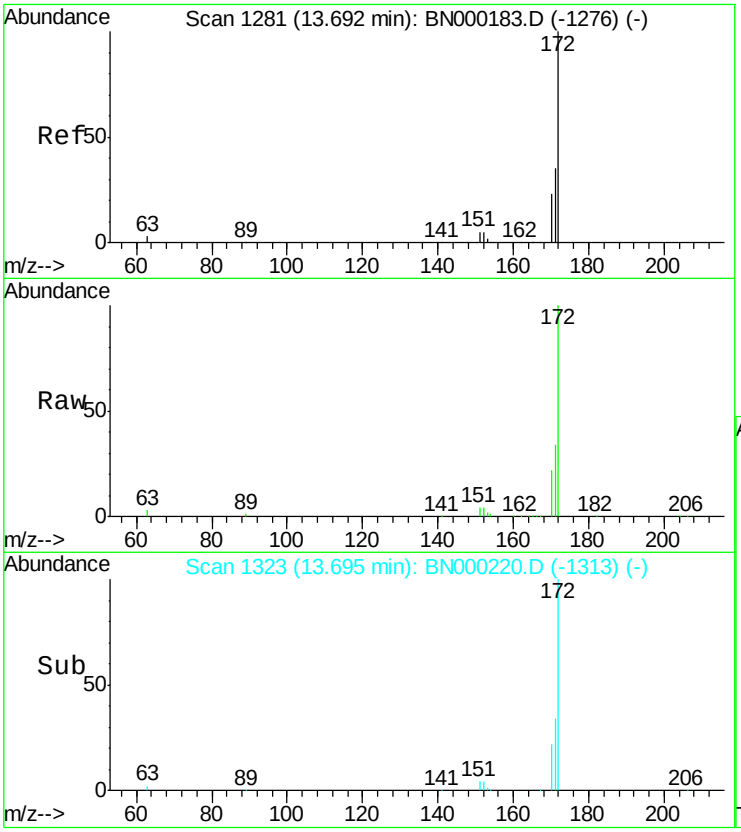


#14
2,4,6-Tribromophenol
Concen: 0.277 ng
RT: 16.53 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion:330 Resp: 1197

Ion	Ratio	Lower	Upper
330	100		
332	97.0	152.7	229.1#
141	42.4	33.7	50.5



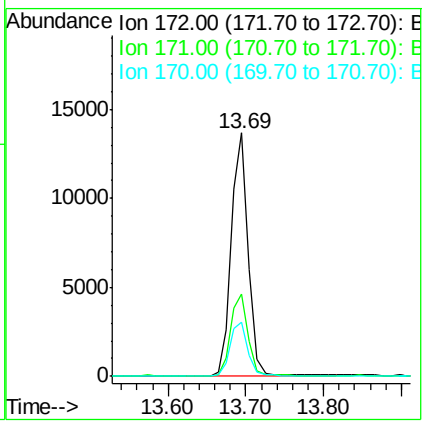


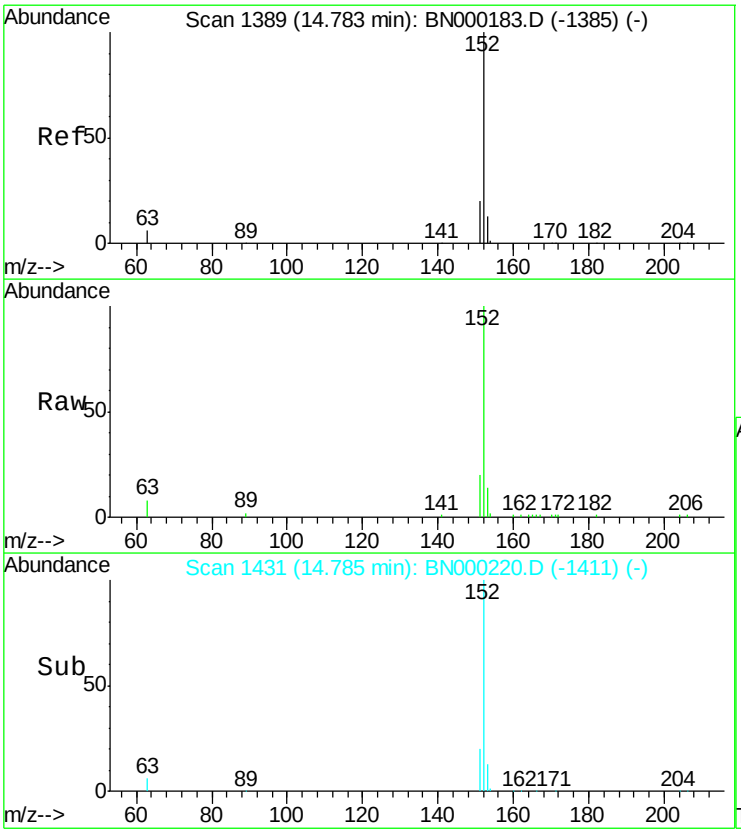
#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 13.69 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 20683

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.9	44.9
170	22.1	21.8	32.8

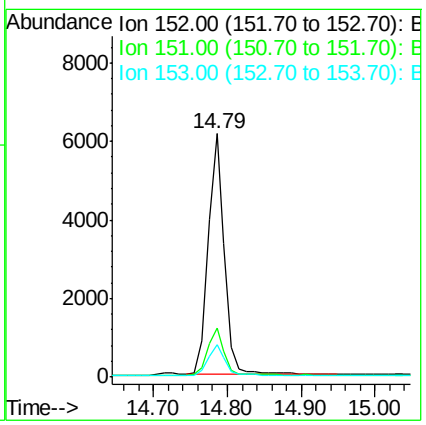


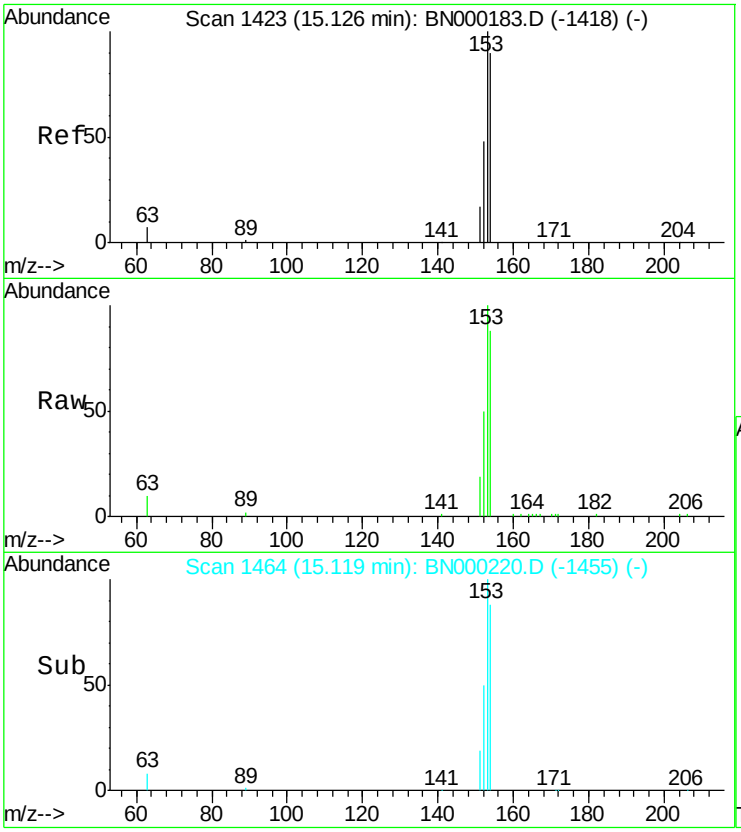


#16
Acenaphthylene
Concen: 0.149 ng
RT: 14.79 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion:152 Resp: 9556

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.9	10.5	15.7



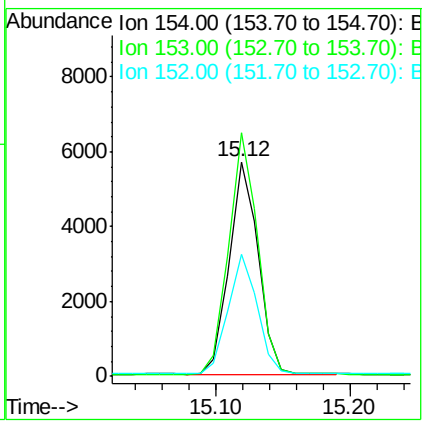


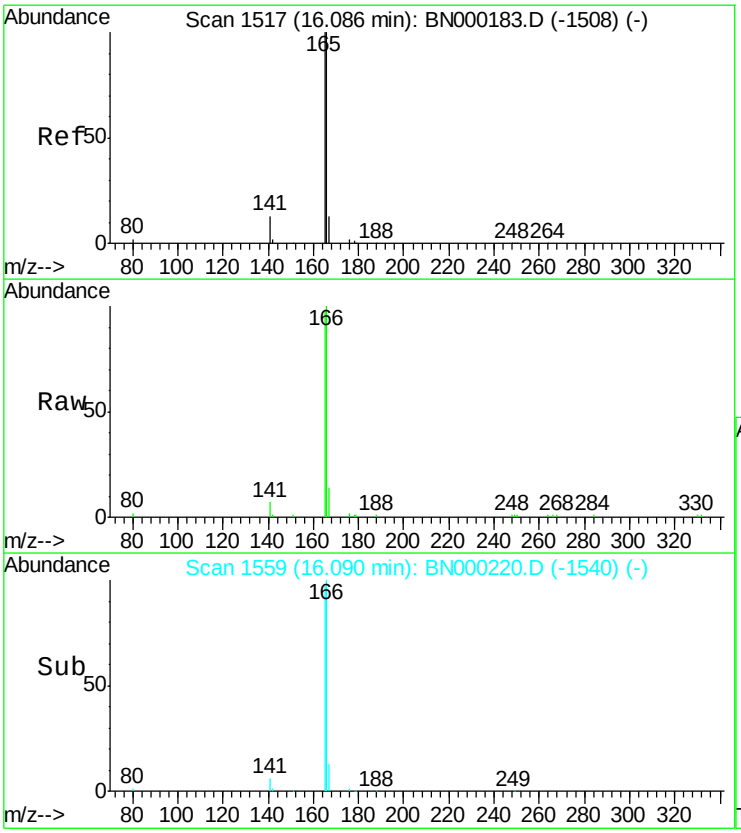
#17
Acenaphthene
Concen: 0.168 ng
RT: 15.12 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:154 Resp: 8501

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.2	133.8
152	56.9	42.0	63.0

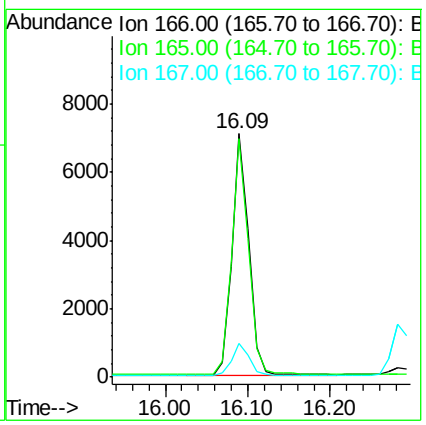


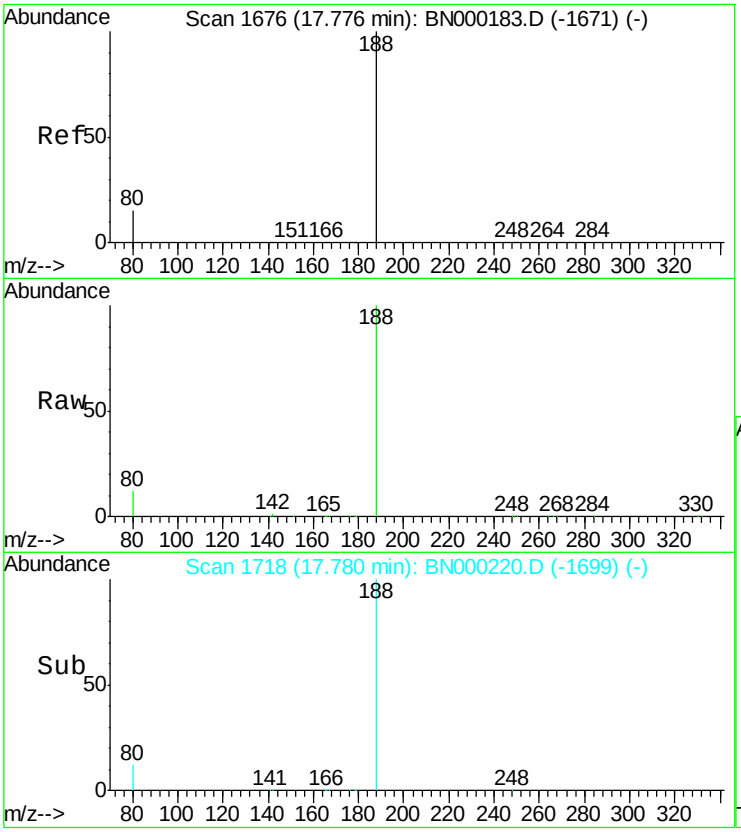


#18
Fluorene
Concen: 0.163 ng
RT: 16.09 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion:166 Resp: 10262

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.6
167	13.5	42.4	63.6#



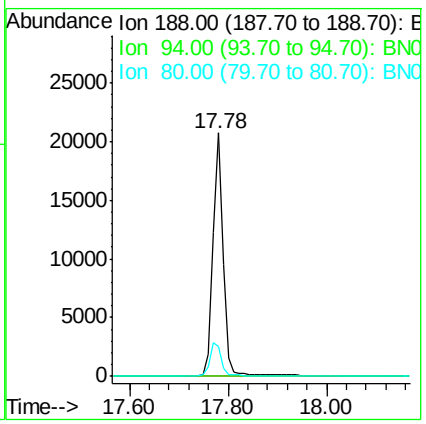


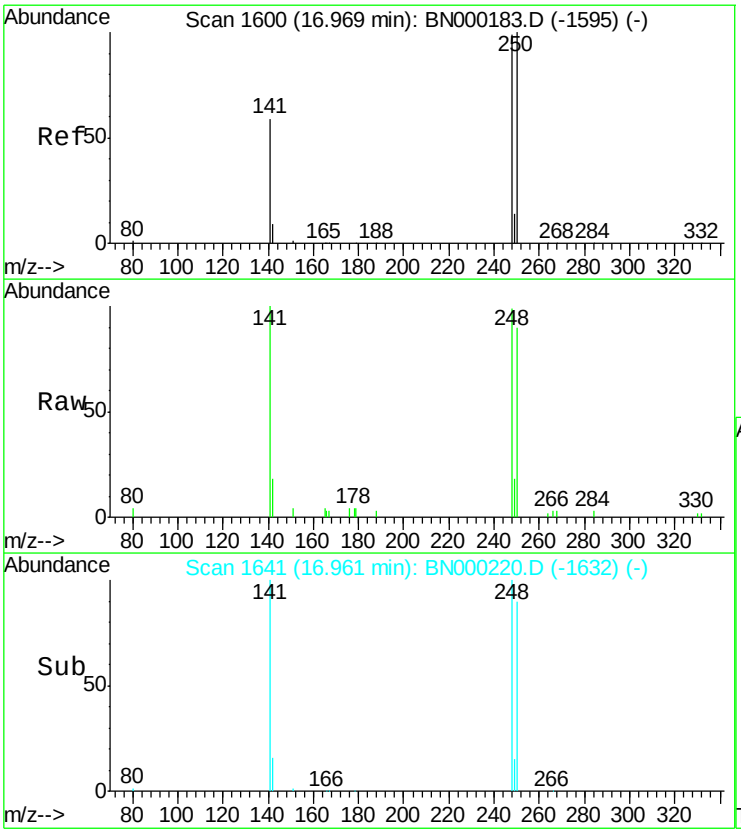
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.78 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 30545

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.4	3.6	5.4#

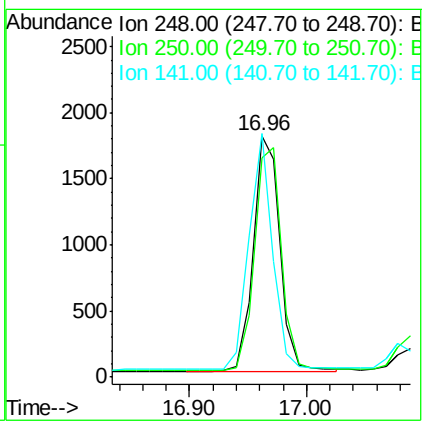


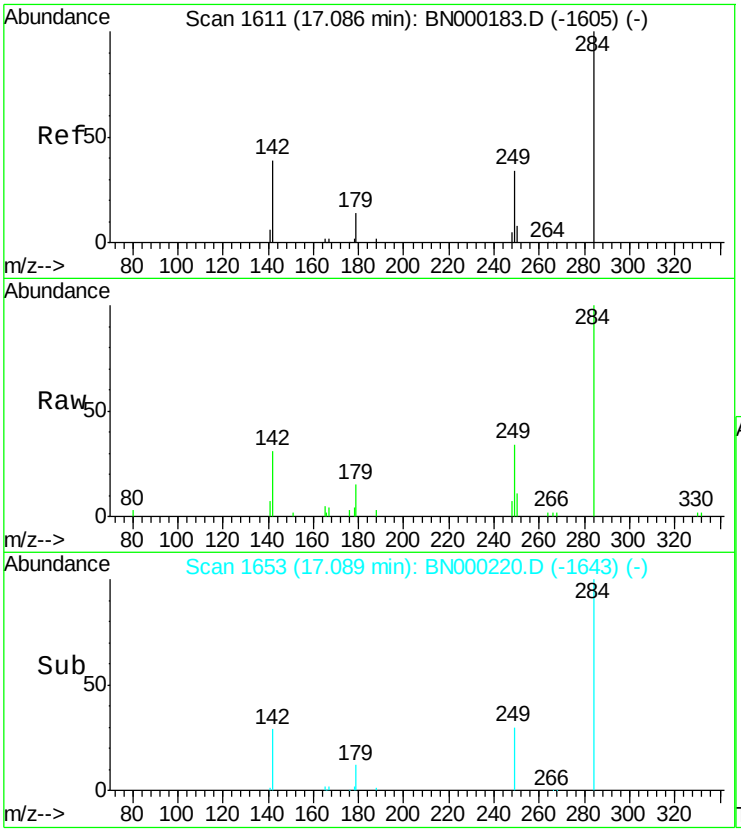


#20
4-Bromophenyl-phenylether
Concen: 0.159 ng
RT: 16.96 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion:248 Resp: 2805

Ion	Ratio	Lower	Upper
248	100		
250	90.9	62.7	94.1
141	100.8	48.2	72.2#



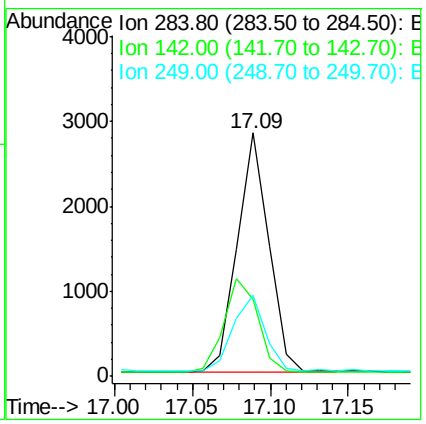


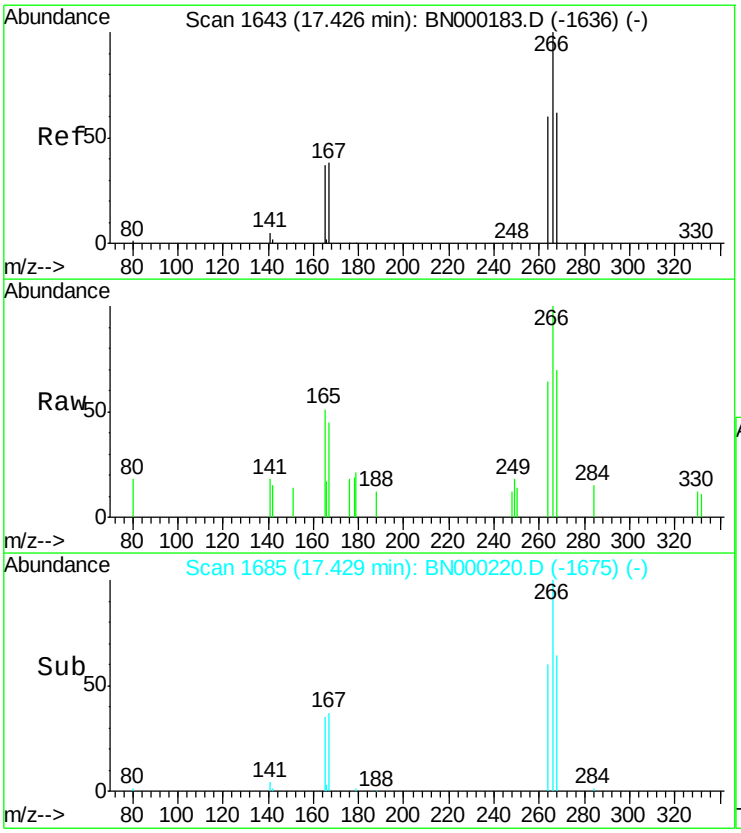
#21
Hexachlorobenzene
Concen: 0.167 ng
RT: 17.09 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:284 Resp: 3937

Ion	Ratio	Lower	Upper
284	100		
142	41.8	32.0	48.0
249	32.0	24.0	36.0

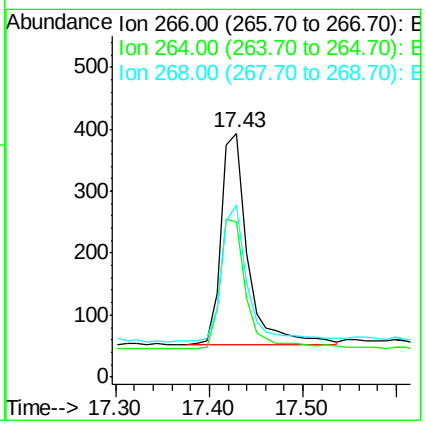


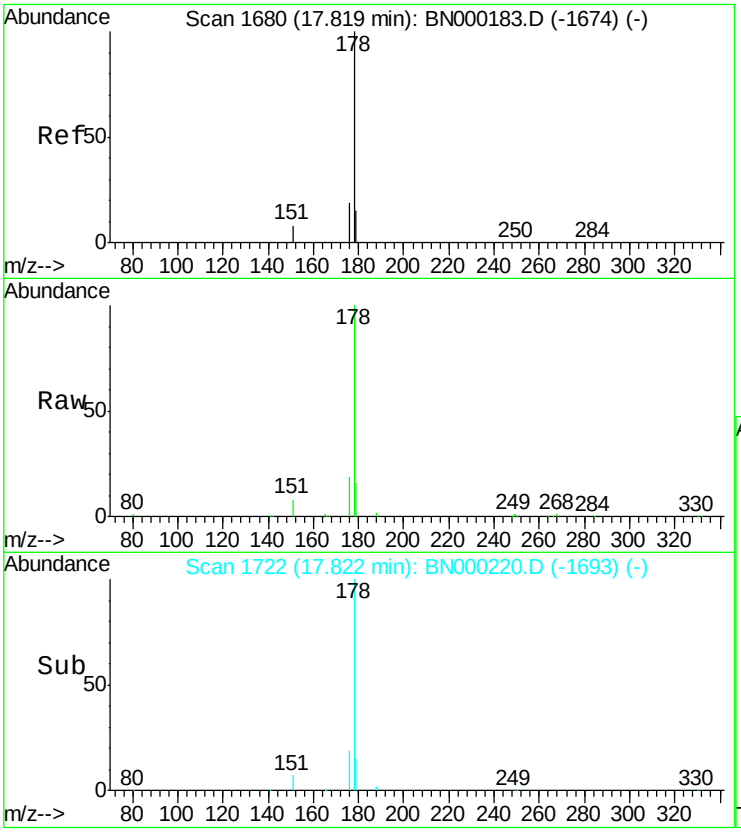


#22
Pentachlorophenol
Concen: 0.187 ng
RT: 17.43 min Scan# 1685
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion:266 Resp: 679

Ion	Ratio	Lower	Upper
266	100		
264	63.6	48.0	72.0
268	70.5	52.0	78.0



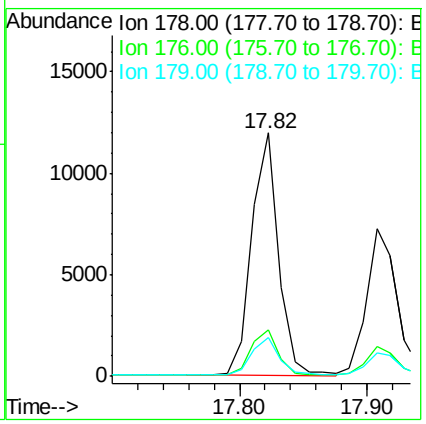


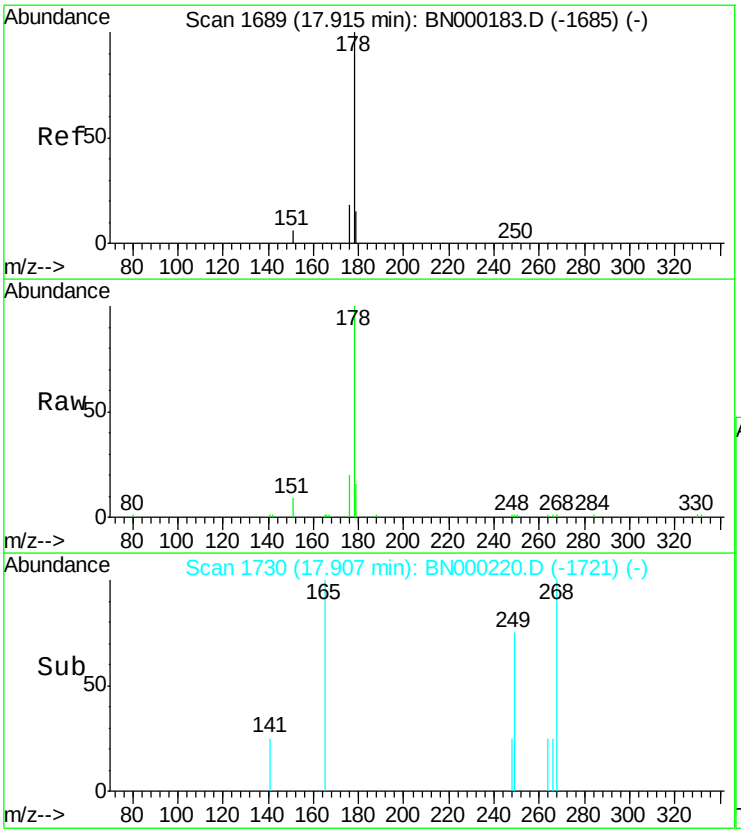
#23
Phenanthrene
Concen: 0.163 ng
RT: 17.82 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 17560

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.7	11.8	17.6

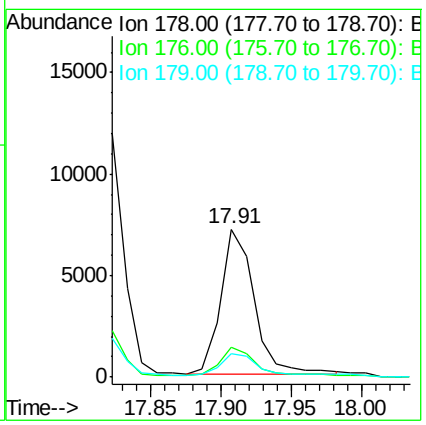


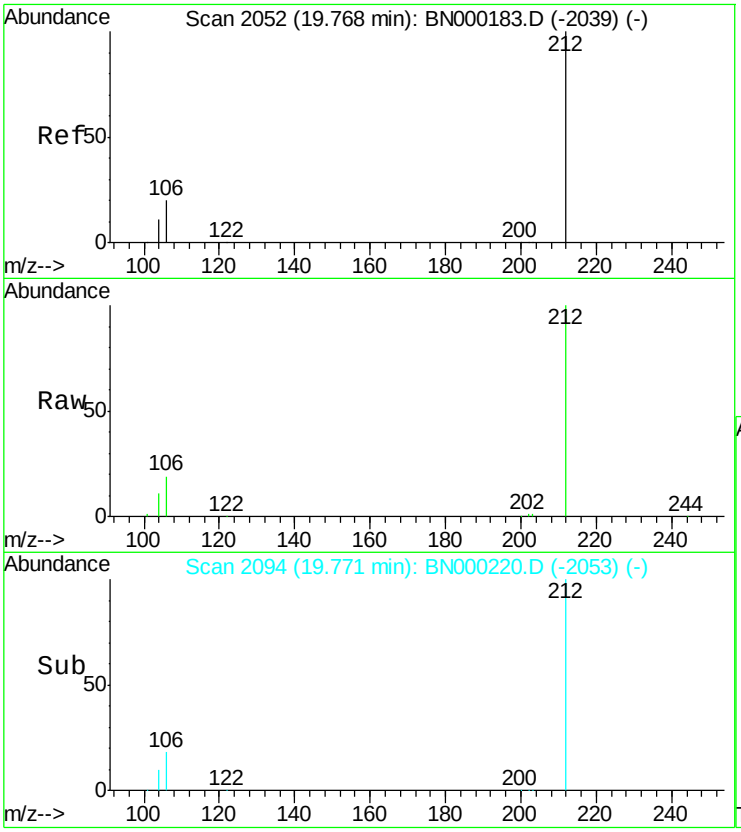


#24
Anthracene
Concen: 0.144 ng
RT: 17.91 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion:178 Resp: 11757

Ion	Ratio	Lower	Upper
178	100		
176	19.1	12.8	19.2
179	15.5	13.0	19.6



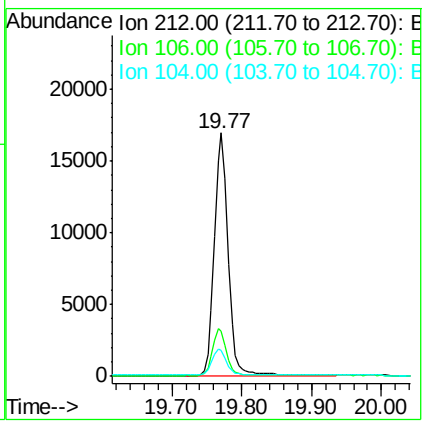


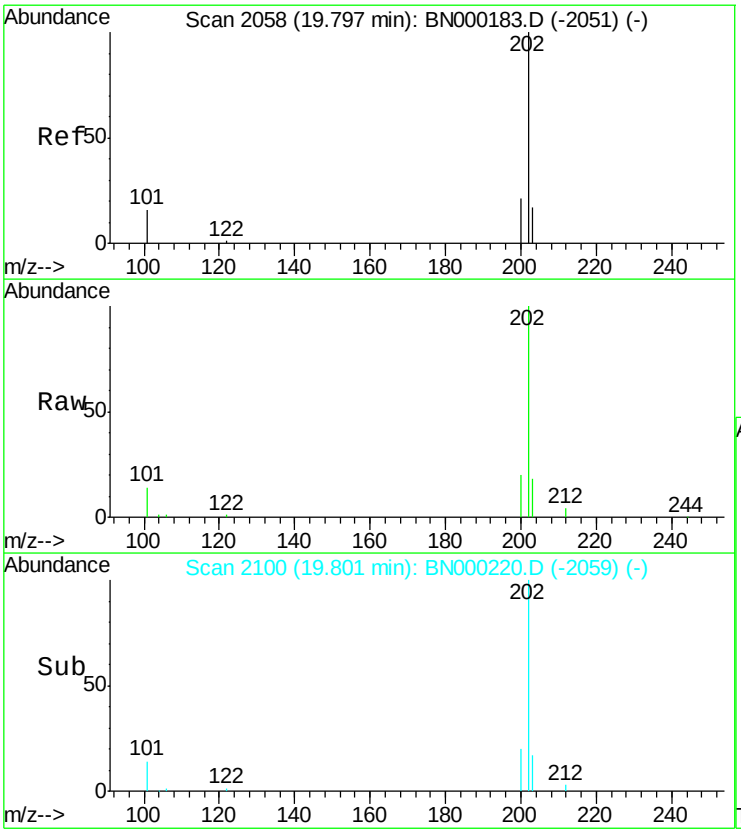
#25
Fluoranthene-d10
Concen: 0.286 ng
RT: 19.77 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:212 Resp: 23326

Ion	Ratio	Lower	Upper
212	100		
106	19.1	2.8	4.2#
104	11.0	1.6	2.4#

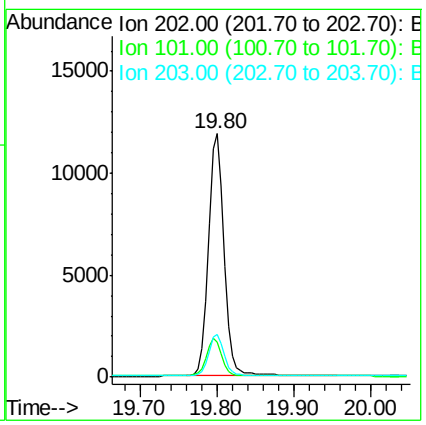


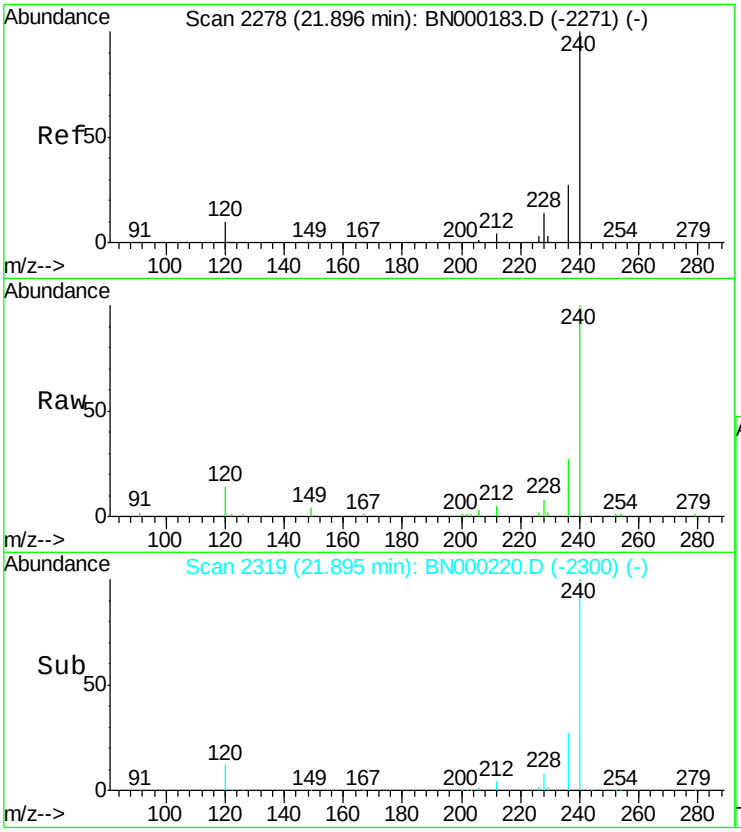


#26
Fluoranthene
Concen: 0.149 ng
RT: 19.80 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion:202 Resp: 16600

Ion	Ratio	Lower	Upper
202	100		
101	15.7	9.8	14.8#
203	16.8	13.7	20.5



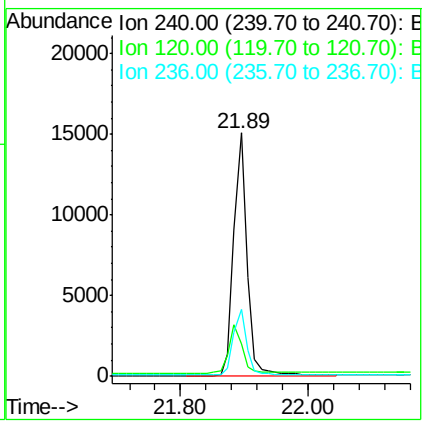


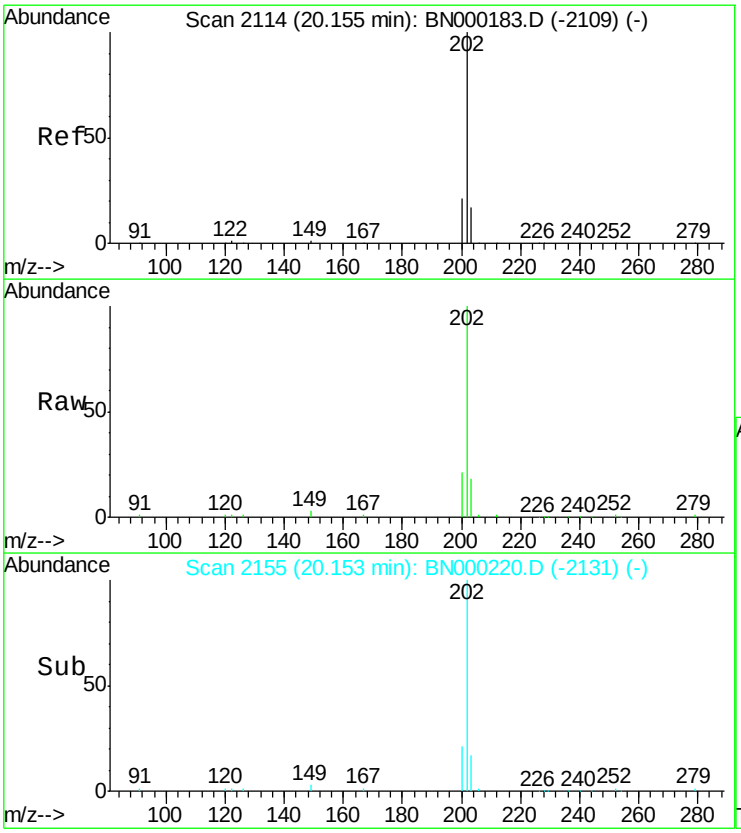
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:240 Resp: 21696

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.5	8.3#
236	27.3	20.7	31.1

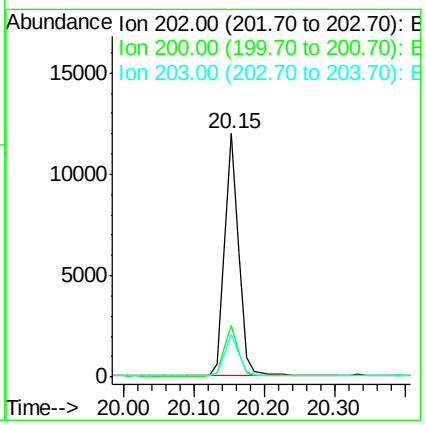


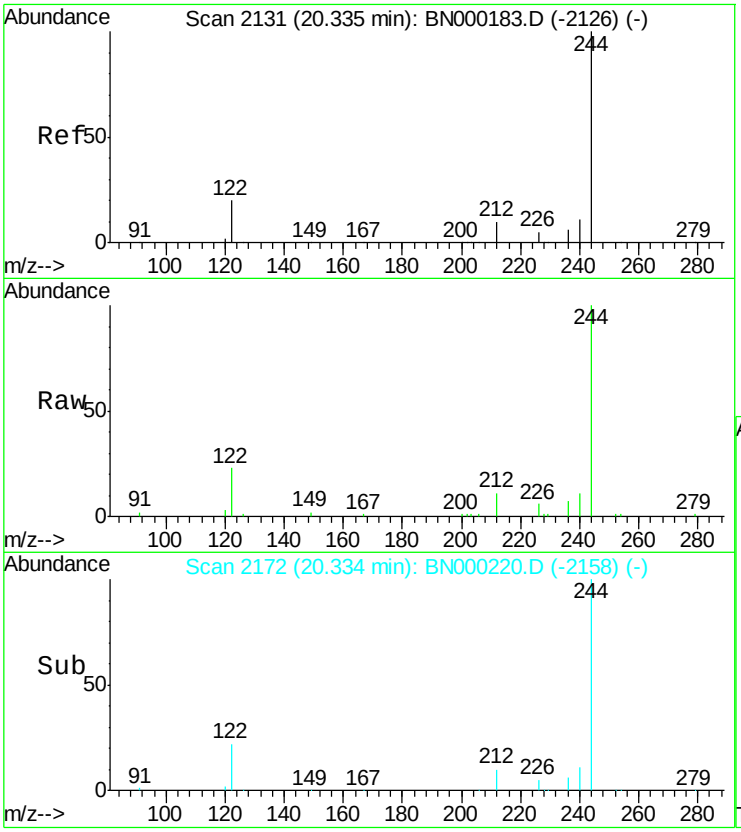


#28
Pyrene
Concen: 0.197 ng
RT: 20.15 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion:202 Resp: 16743

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.3	13.8	20.8



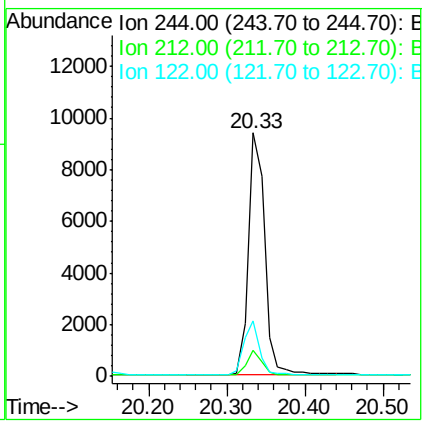


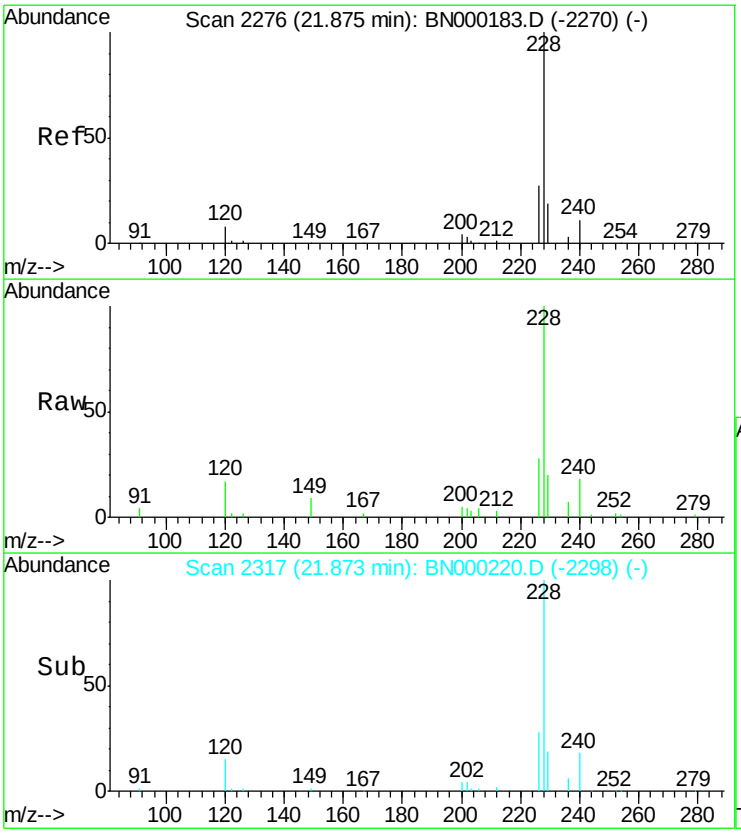
#29
Terphenyl-d14
Concen: 0.363 ng
RT: 20.33 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:244 Resp: 13830

Ion	Ratio	Lower	Upper
244	100		
212	10.8	25.4	38.0#
122	22.8	8.1	12.1#

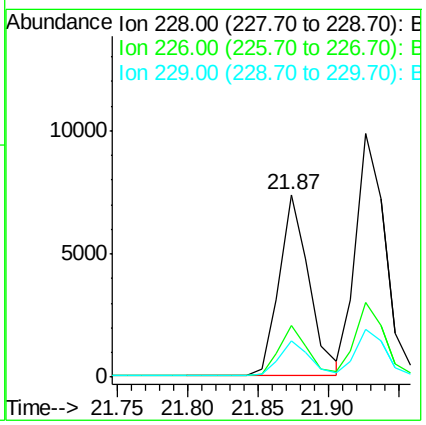


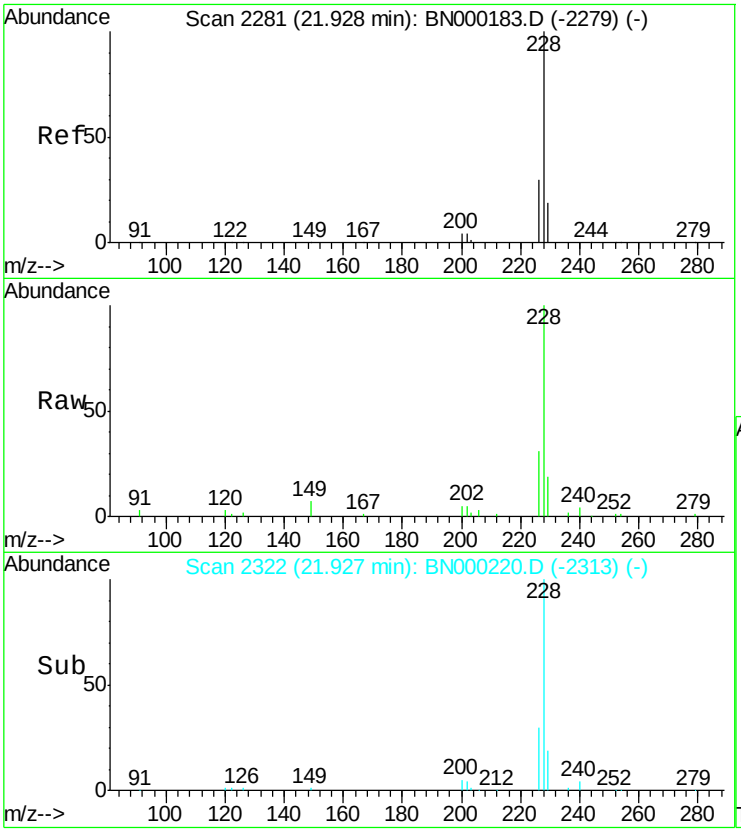


#30
Benzo(a)anthracene
Concen: 0.162 ng
RT: 21.87 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion:228 Resp: 11039

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.0	36.0
229	20.0	16.0	24.0



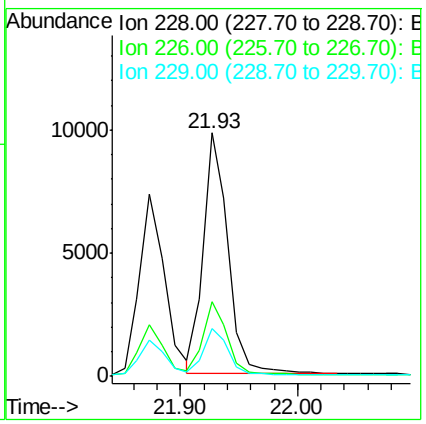


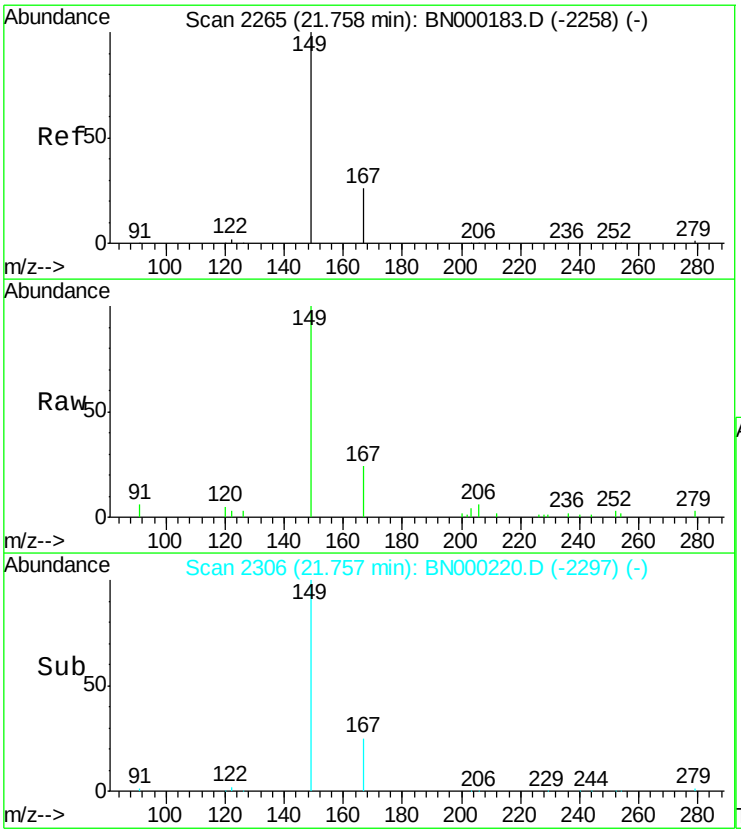
#31
Chrysene
Concen: 0.179 ng
RT: 21.93 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:228 Resp: 14274

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	19.5	16.0	24.0

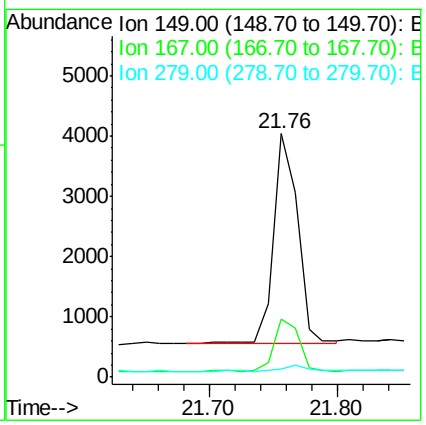


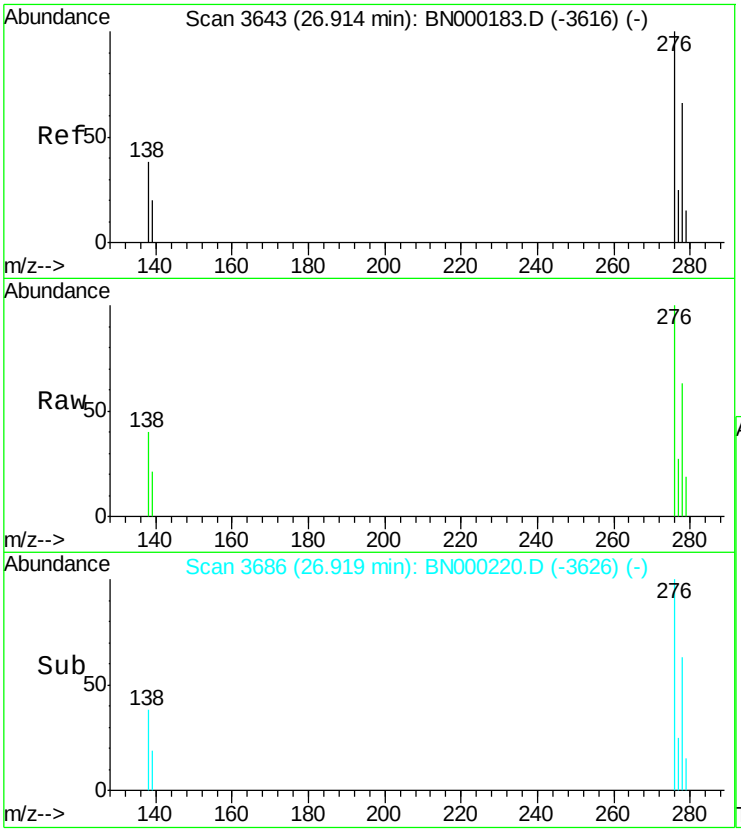


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.175 ng
RT: 21.76 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion:149 Resp: 4453

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.0	30.0
279	3.8	1.6	2.4#



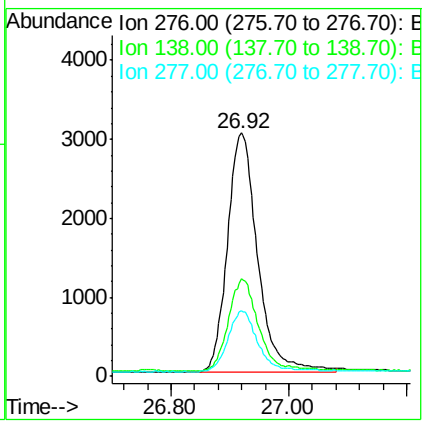


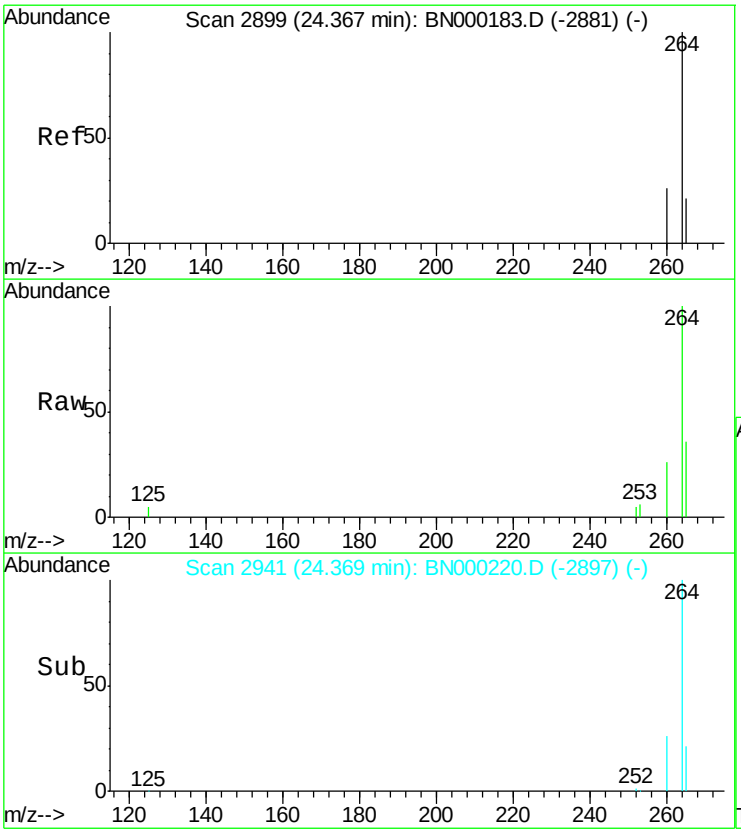
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.146 ng
RT: 26.92 min Scan# 3686
Delta R.T. 0.01 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 10866

Ion	Ratio	Lower	Upper
276	100		
138	38.5	22.5	33.7#
277	25.3	19.9	29.9

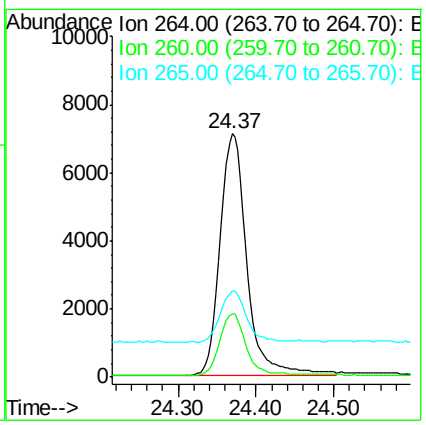


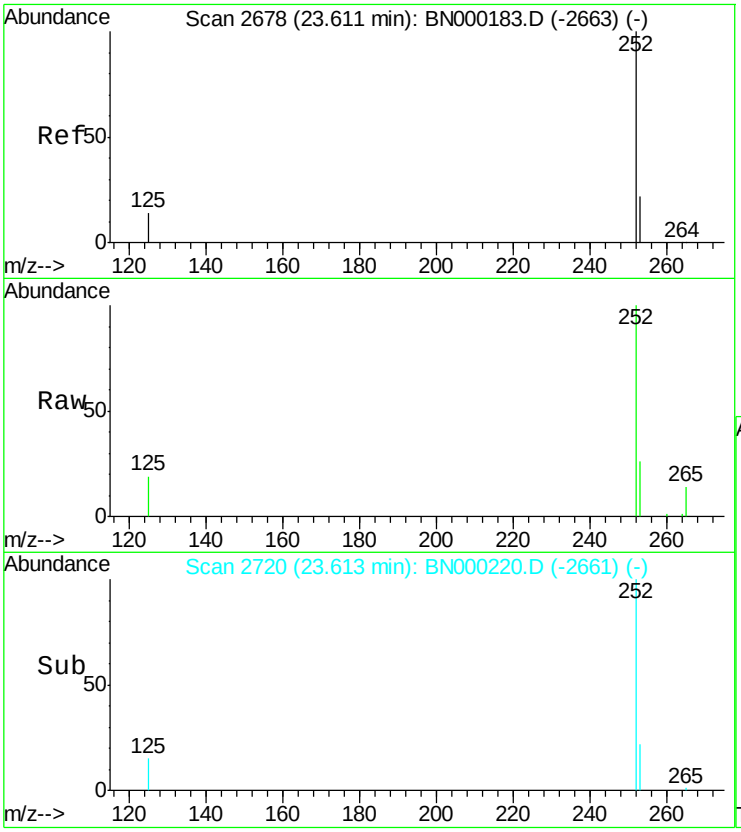


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.37 min Scan# 2941
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion:264 Resp: 16851

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	35.5	22.8	34.2#



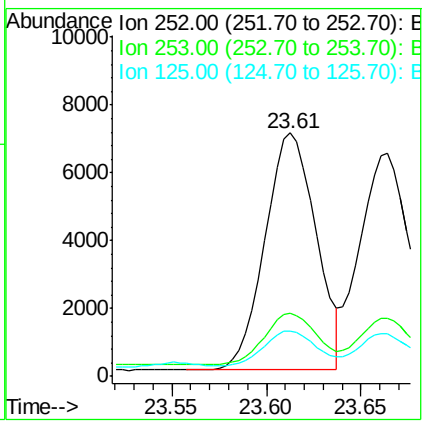


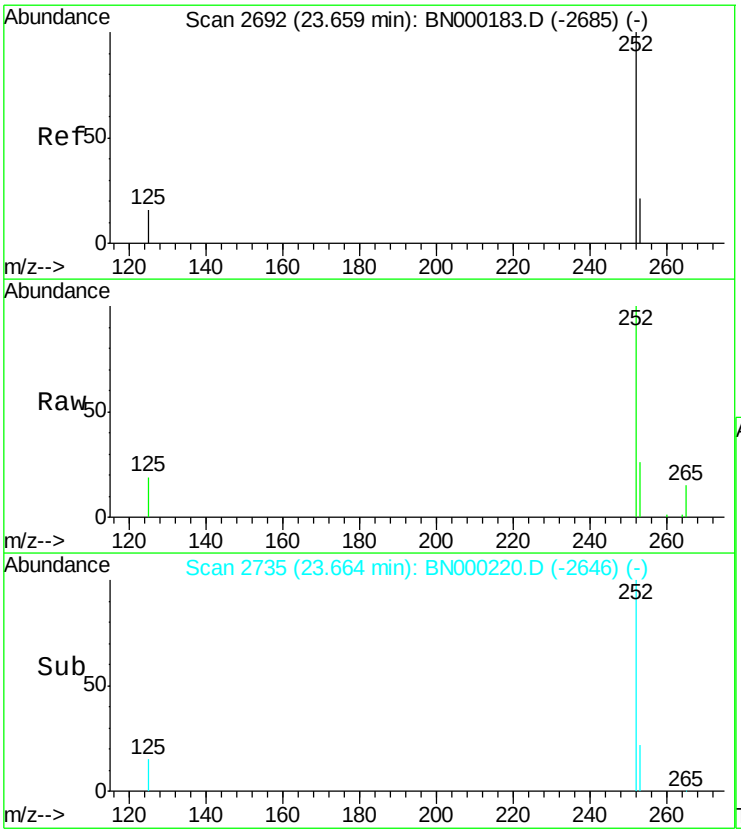
#35
Benzo(b)fluoranthene
Concen: 0.170 ng
RT: 23.61 min Scan# 2720
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 13052

Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.0	30.0
125	18.7	16.0	24.0

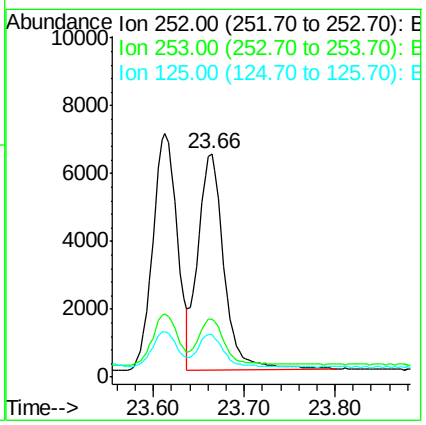


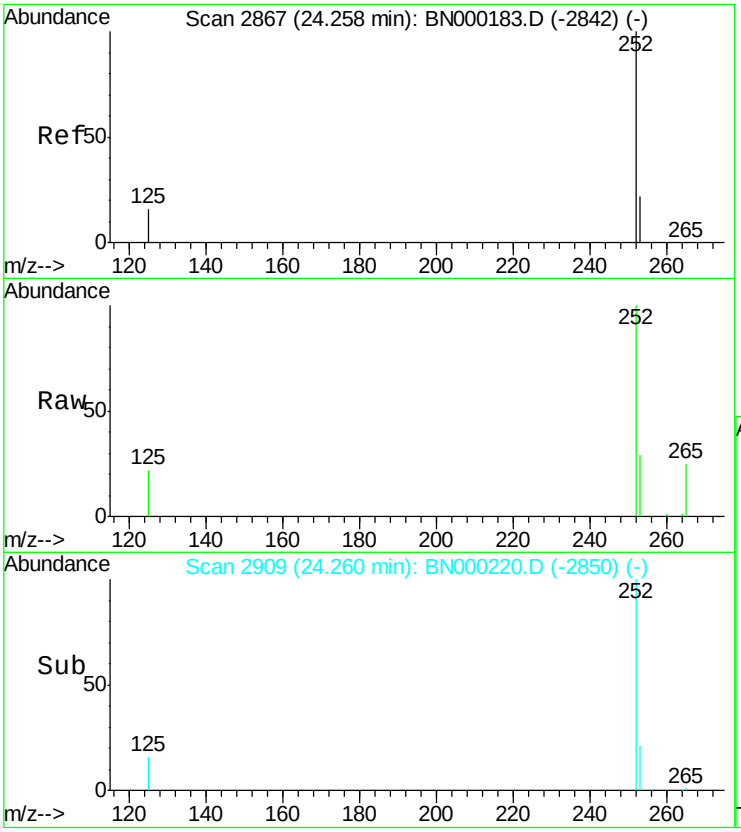


#36
Benzo(k)fluoranthene
Concen: 0.168 ng
RT: 23.66 min Scan# 2735
Delta R.T. 0.01 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion:252 Resp: 12604

Ion	Ratio	Lower	Upper
252	100		
253	26.0	16.0	24.0#
125	19.3	8.0	12.0#



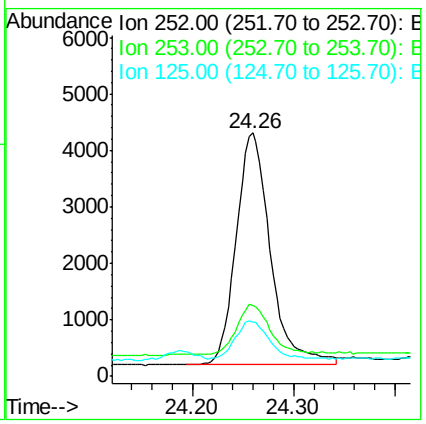


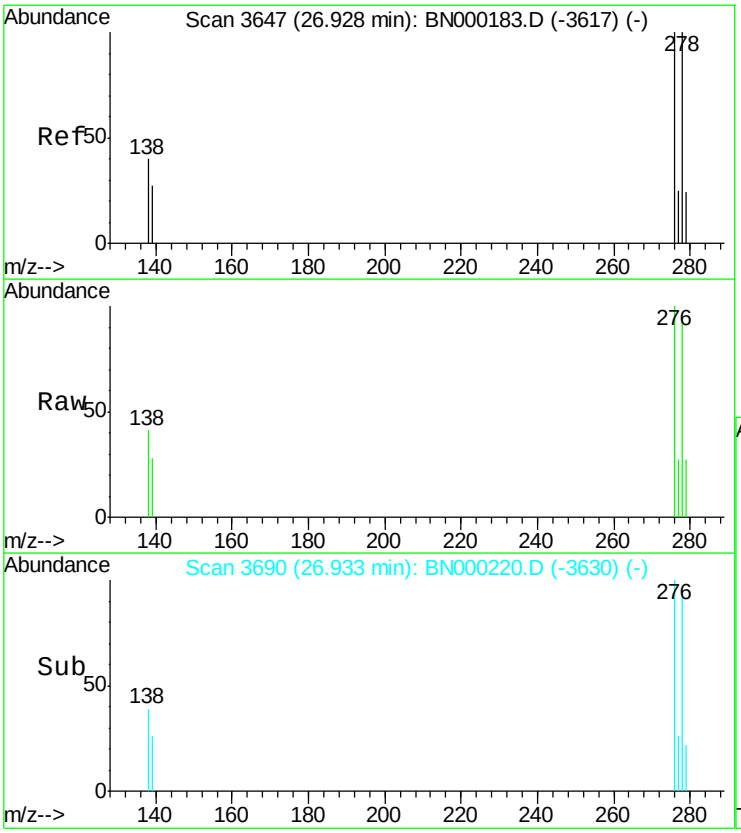
#37
Benzo(a)pyrene
Concen: 0.154 ng
RT: 24.26 min Scan# 2909
Delta R.T. 0.00 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 9638

Ion	Ratio	Lower	Upper
252	100		
253	29.0	16.0	24.0#
125	22.4	12.0	18.0#

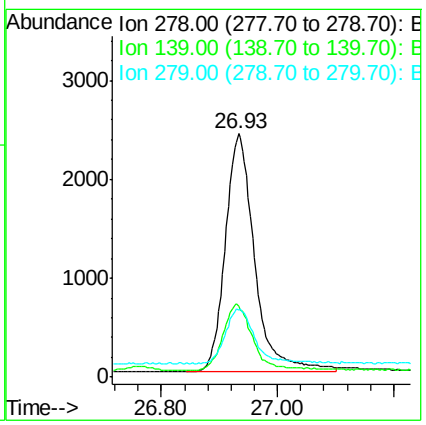


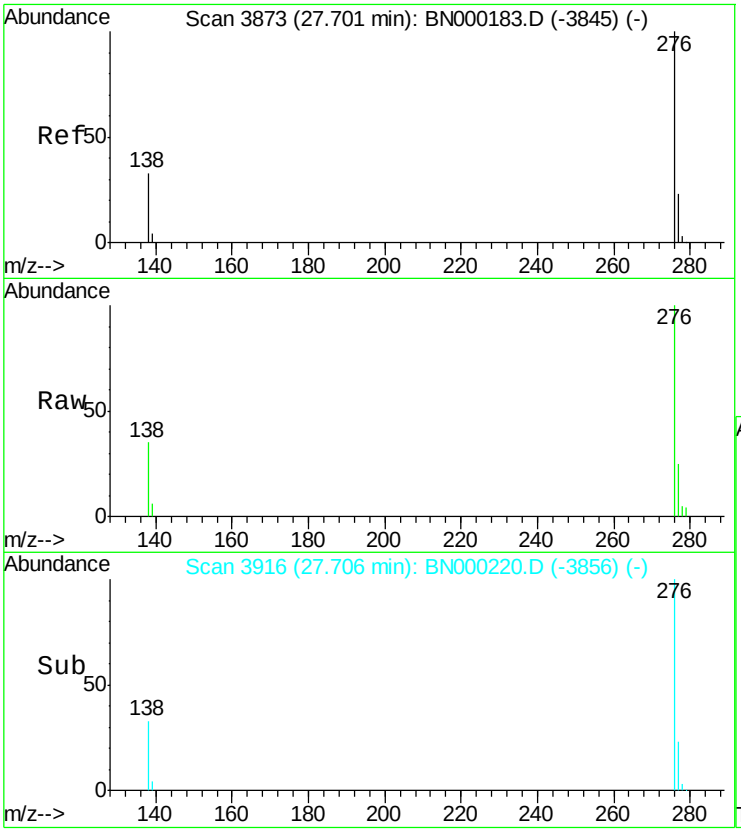


#38
Dibenzo(a,h)anthracene
Concen: 0.152 ng
RT: 26.93 min Scan# 3690
Delta R.T. 0.01 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Tgt Ion:278 Resp: 8470

Ion	Ratio	Lower	Upper
278	100		
139	29.2	16.0	24.0#
279	27.5	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.161 ng
RT: 27.71 min Scan# 3916
Delta R.T. 0.01 min
Lab File: BN000220.D
Acq: 01 Mar 2018 16:46

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 10600

Ion	Ratio	Lower	Upper
276	100		
277	24.7	16.0	24.0#
138	34.6	20.0	30.0#