Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN030118\
Data File : BN000216.D
Acq On : 01 Mar 2018 14:28
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 01 17:46:19 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	4611	0.40	ng		0.00
7) Naphthalene-d8	11.29	136	17861	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	9685	0.40	ng		0.00
19) Phenanthrene-d10	17.78	188	22601	0.40	ng		0.00
27) Chrysene-d12	21.89	240	21026	0.40	ng		0.00
34) Perylene-d12	24.37	264	16924	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.93	112	4135	0.42	ng		0.00
5) Phenol-d6	7.57	99	5207	0.42	ng		0.00
8) Nitrobenzene-d5	9.63	82	4073	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.85	152	11043	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	1206	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.69	172	17612	0.38	ng		0.00
25) Fluoranthene-d10	19.77	212	22387	0.37	ng		0.00
29) Terphenyl-d14	20.33	244	14068	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	2029	0.425	ng		93
3) n-Nitrosodimethylamine	4.03	42	1037	0.342	ng	#	92
6) bis(2-Chloroethyl)ether	7.85	93	6472	0.412	ng		98
9) Naphthalene	11.34	128	21178	0.406	ng		97
10) Hexachlorobutadiene	11.62	225	3611	0.408	ng		97
12) 2-Methylnaphthalene	12.92	142	13824	0.404	ng		100
16) Acenaphthylene	14.79	152	15876	0.348	ng		99
17) Acenaphthene	15.12	154	13644	0.379	ng		98
18) Fluorene	16.09	166	16928	0.377	ng	#	79
20) 4-Bromophenyl-phenylether	16.96	248	4795	0.368	ng	#	71
21) Hexachlorobenzene	17.09	284	6476	0.372	ng		96
22) Pentachlorophenol	17.42	266	1575	0.384	ng		97
23) Phenanthrene	17.82	178	29717	0.374	ng		98
24) Anthracene	17.91	178	21344	0.354	ng		96
26) Fluoranthene	19.80	202	29786	0.361	ng	#	96
28) Pyrene	20.15	202	30694	0.372	ng		100
30) Benzo(a)anthracene	21.87	228	24708	0.373	ng		97
31) Chrysene	21.93	228	29957	0.387	ng		98
32) Bis(2-ethylhexyl)phthalate	21.76	149	8637	0.350	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.92	276	27076	0.375	ng	#	89
35) Benzo(b)fluoranthene	23.61	252	28932	0.374	ng		96
36) Benzo(k)fluoranthene	23.66	252	28751	0.380	ng	#	88
37) Benzo(a)pyrene	24.26	252	23091	0.367	ng	#	90
38) Dibenzo(a,h)anthracene	26.93	278	21335	0.381	ng	#	91
39) Benzo(g,h,i)perylene	27.71	276	25111	0.380	ng	#	86

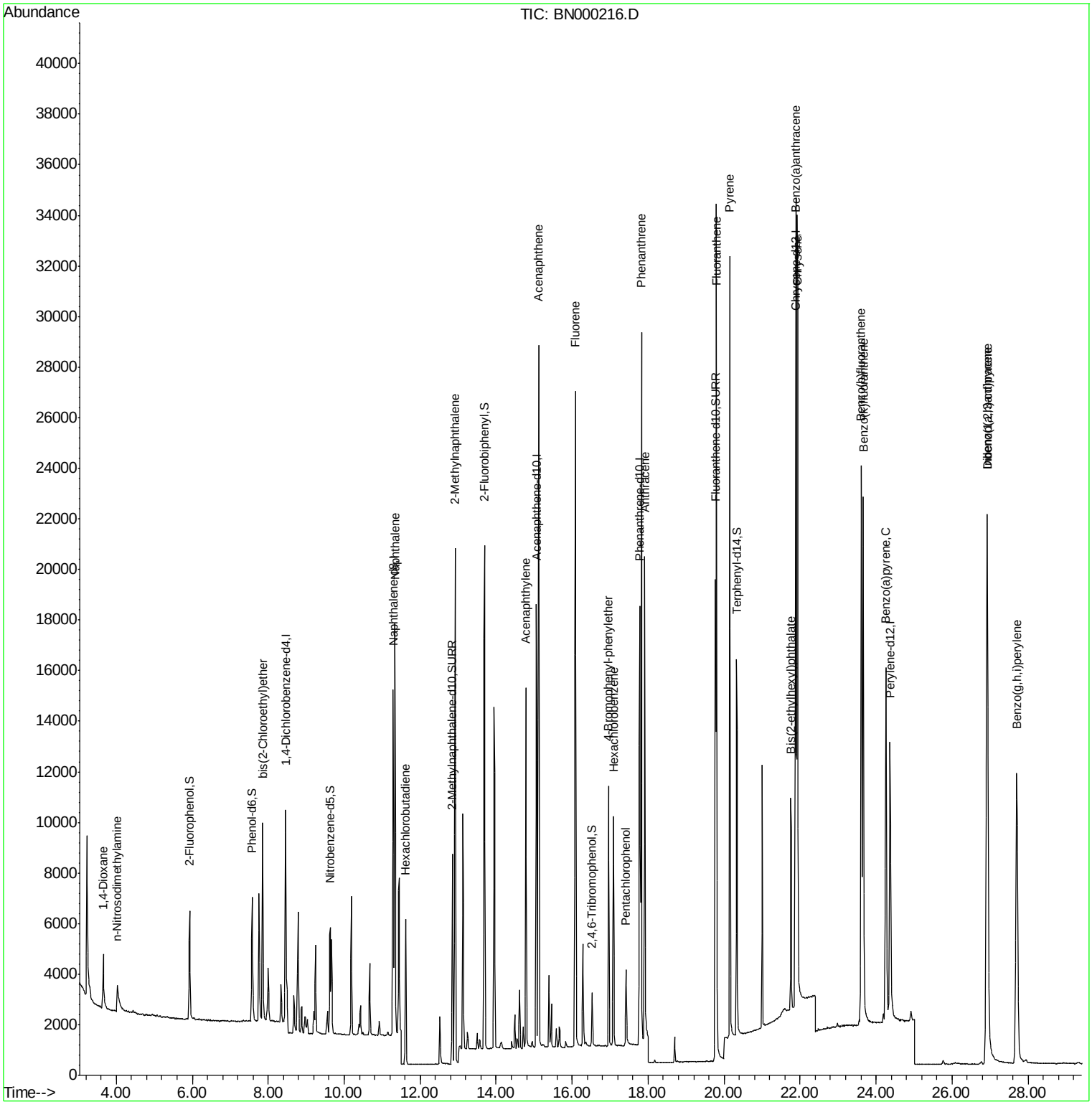
(#) = qualifier out of range (m) = manual integration (+) = signals summed

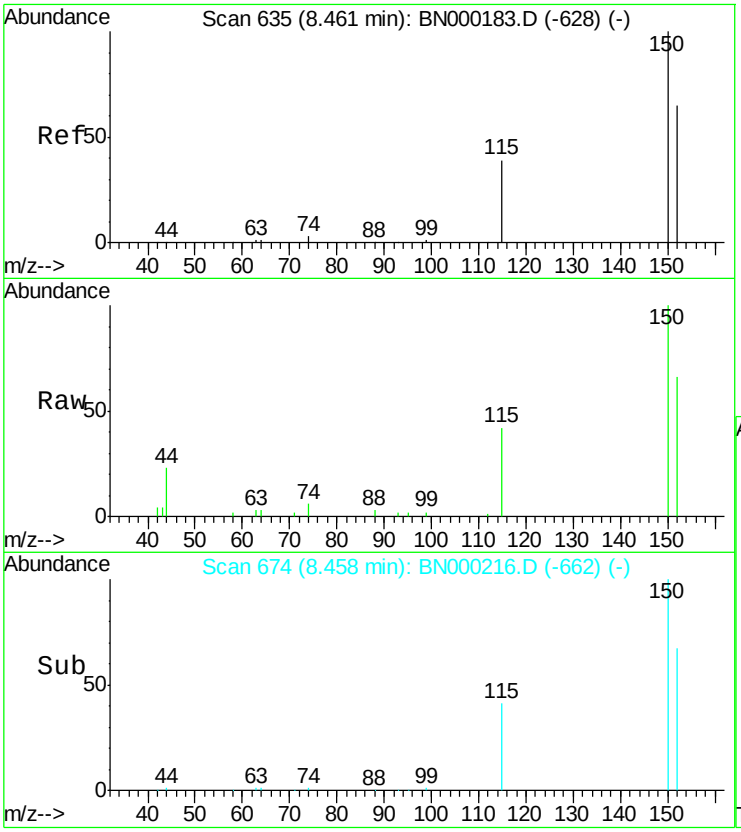
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN030118\
Data File : BN000216.D
Acq On : 01 Mar 2018 14:28
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 01 17:46:19 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



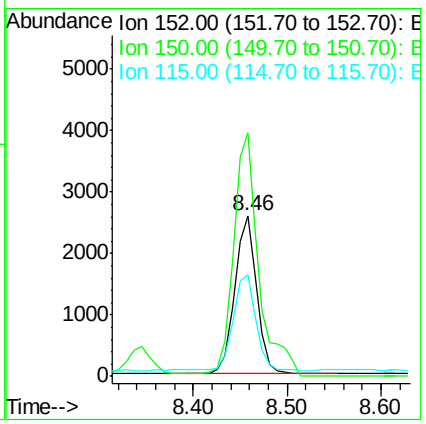


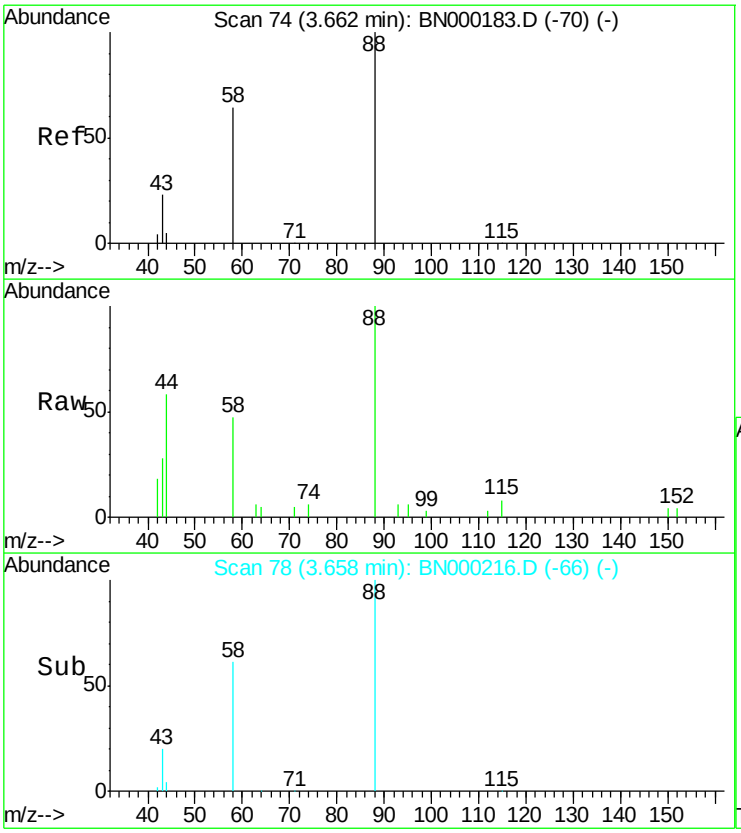
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 674
Delta R.T. -0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4611

Ion	Ratio	Lower	Upper
152	100		
150	151.7	117.2	175.8
115	63.5	57.0	85.6

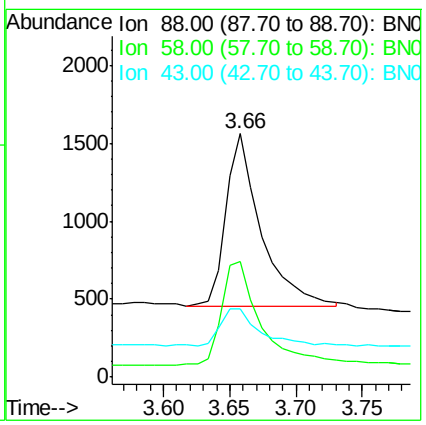


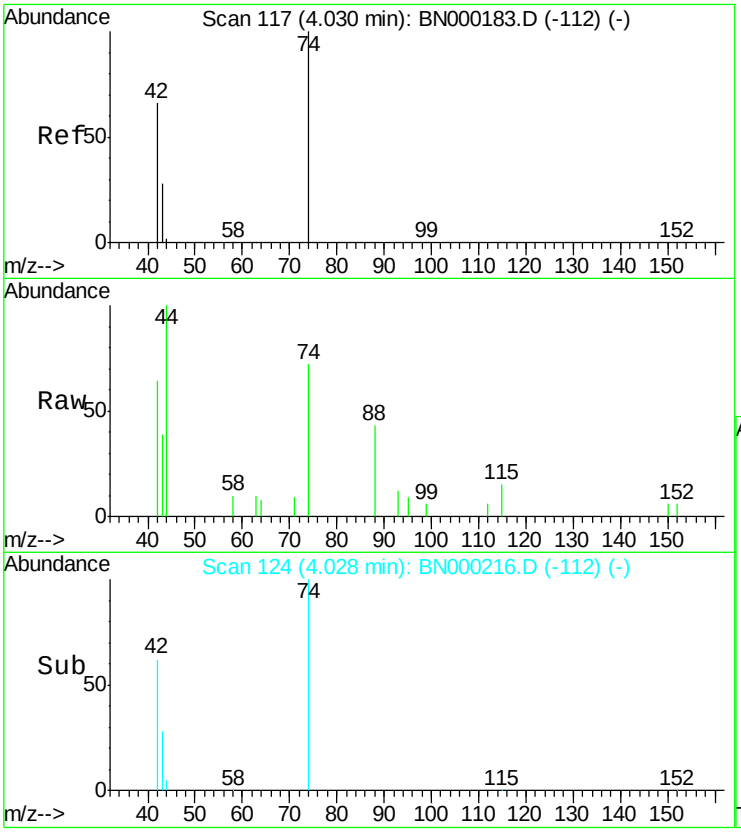


#2
1,4-Dioxane
Concen: 0.425 ng
RT: 3.66 min Scan# 78
Delta R.T. -0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion: 88 Resp: 2029

Ion	Ratio	Lower	Upper
88	100		
58	67.2	48.0	72.0
43	24.5	20.0	30.0



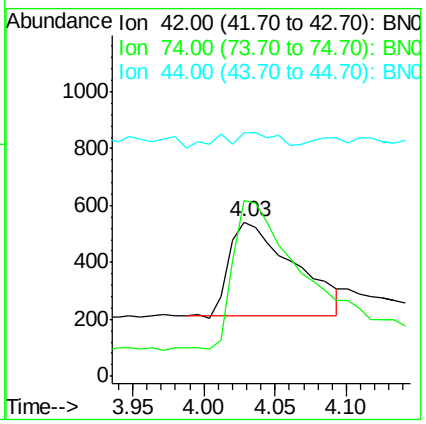


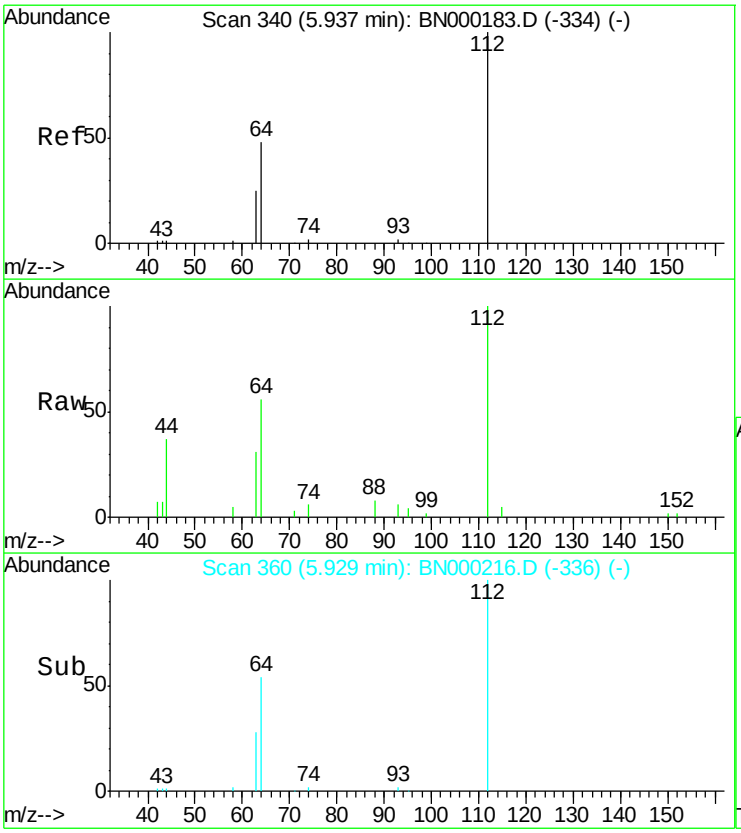
#3
n-Nitrosodimethylamine
Concen: 0.342 ng
RT: 4.03 min Scan# 124
Delta R.T. -0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1037

Ion	Ratio	Lower	Upper
42	100		
74	160.0	120.0	180.0
44	13.7	4.0	6.0#

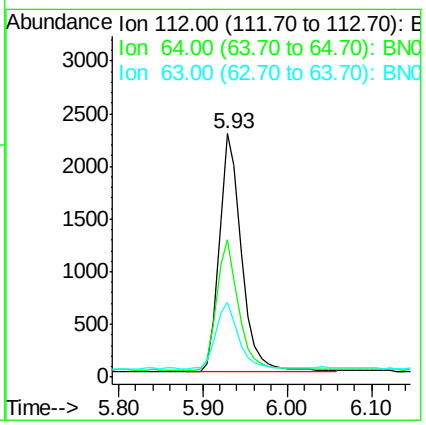


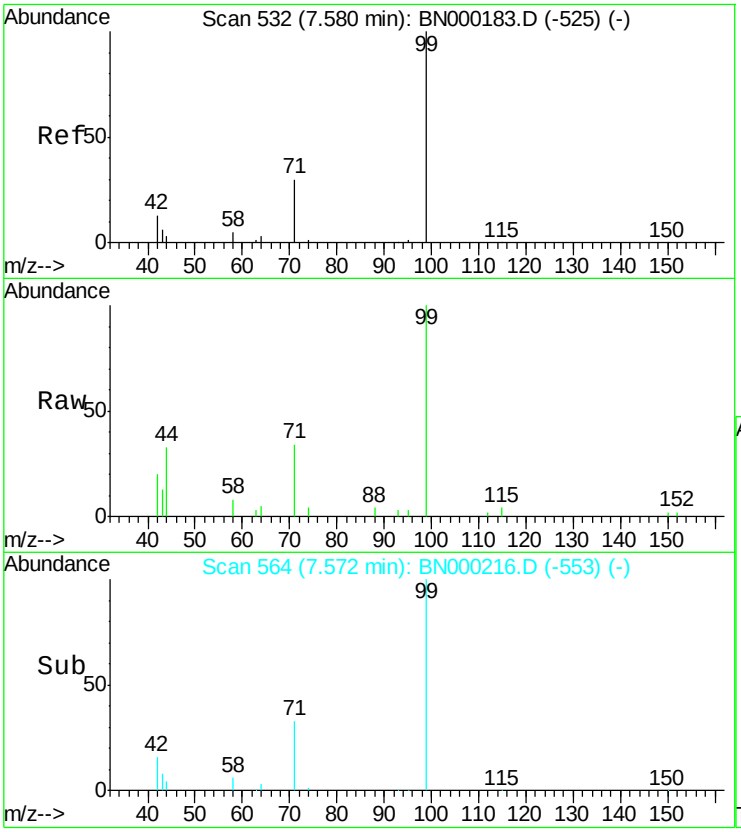


#4
2-Fluorophenol
Concen: 0.425 ng
RT: 5.93 min Scan# 360
Delta R.T. -0.01 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion:112 Resp: 4135

Ion	Ratio	Lower	Upper
112	100		
64	53.3	60.1	90.1#
63	27.7	116.8	175.2#



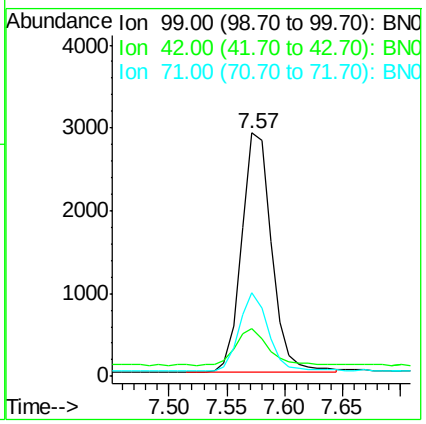


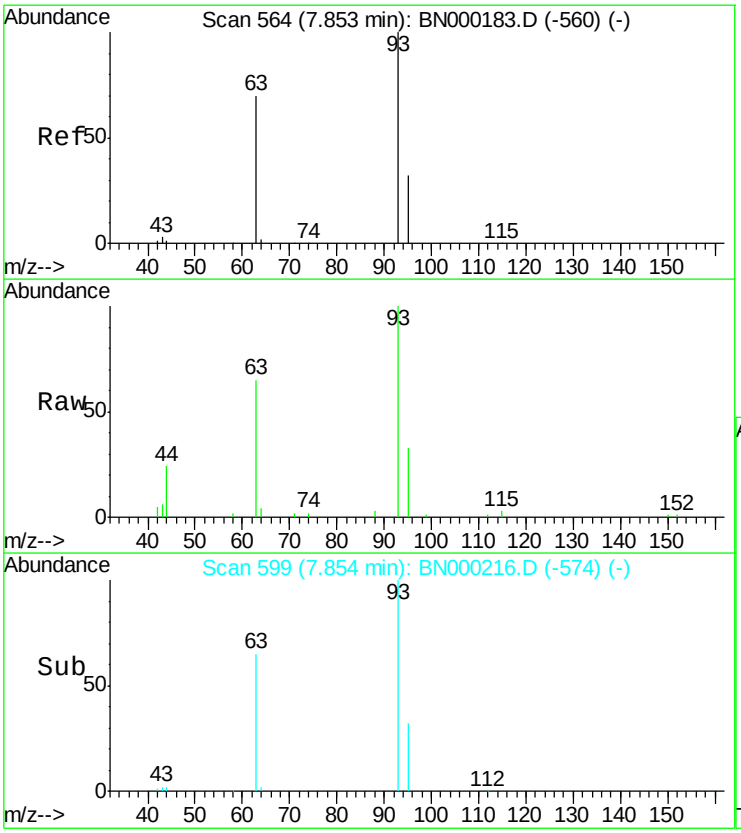
#5
Phenol-d6
Concen: 0.421 ng
RT: 7.57 min Scan# 564
Delta R.T. -0.01 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5207

Ion	Ratio	Lower	Upper
99	100		
42	16.8	20.2	30.2#
71	31.3	28.4	42.6

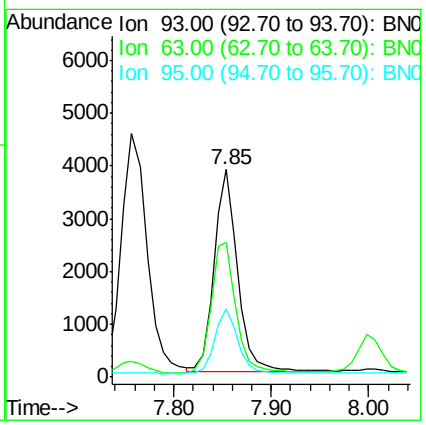


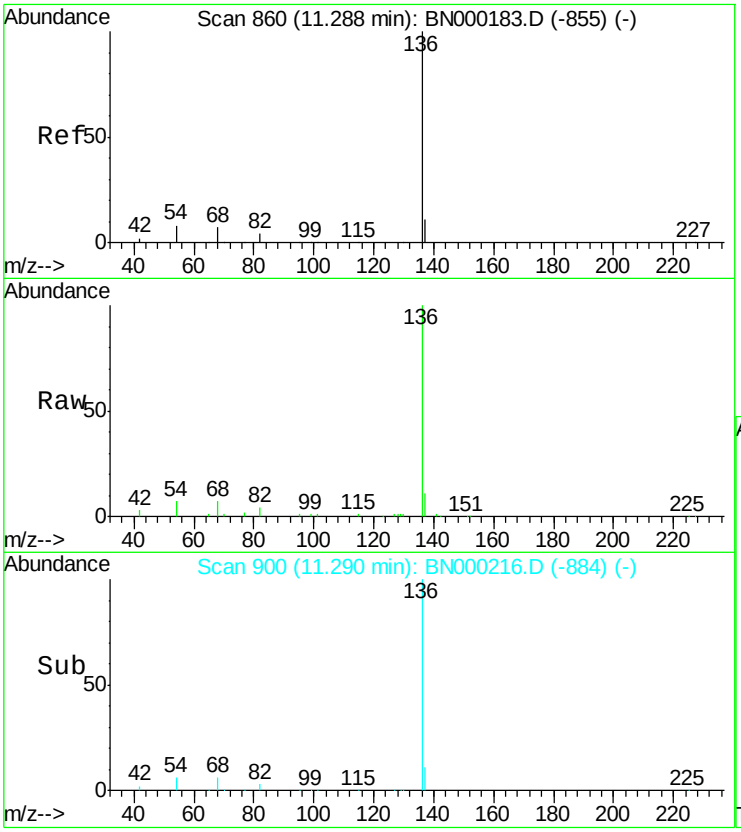


#6
bis(2-Chloroethyl)ether
Concen: 0.412 ng
RT: 7.85 min Scan# 599
Delta R.T. 0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion: 93 Resp: 6472

Ion	Ratio	Lower	Upper
93	100		
63	68.1	56.0	84.0
95	32.2	25.2	37.8



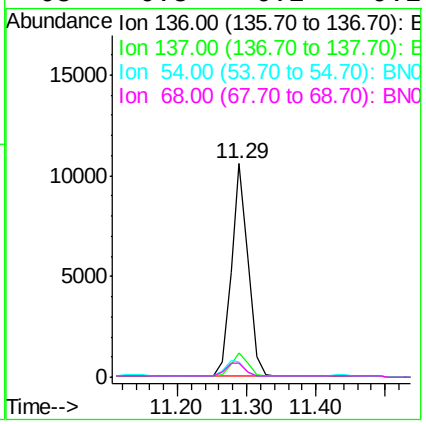


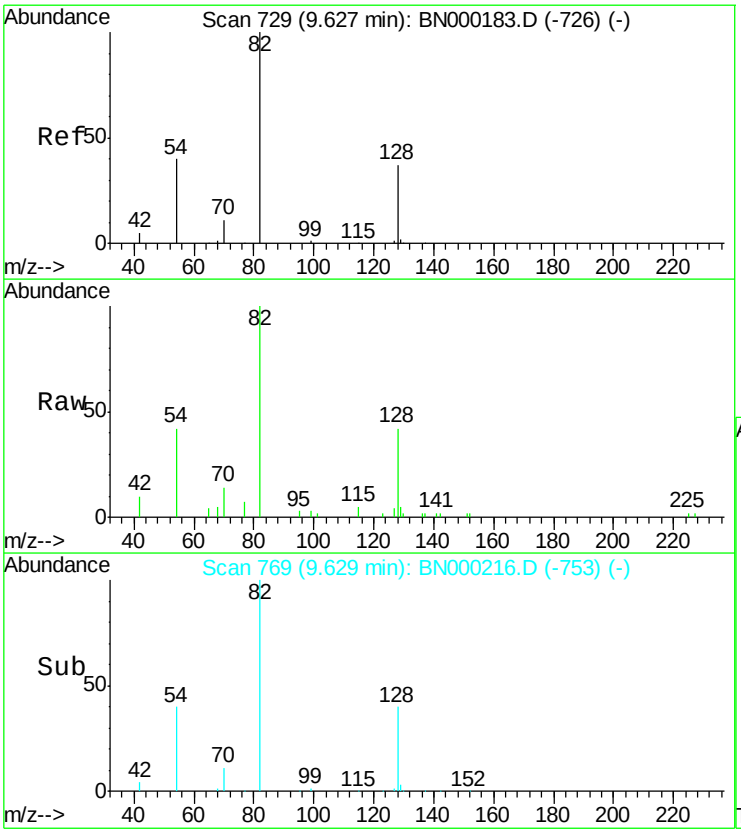
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.29 min Scan# 900
Delta R.T. 0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 17861

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	7.1	29.1	43.7#
68	6.8	6.2	9.2

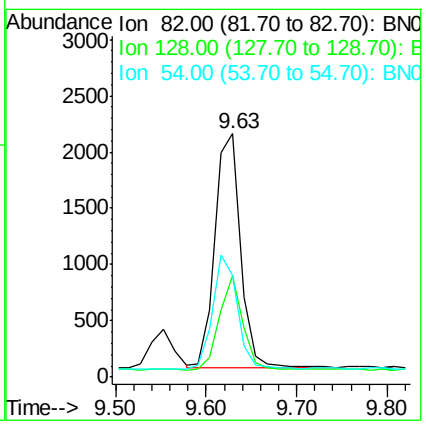


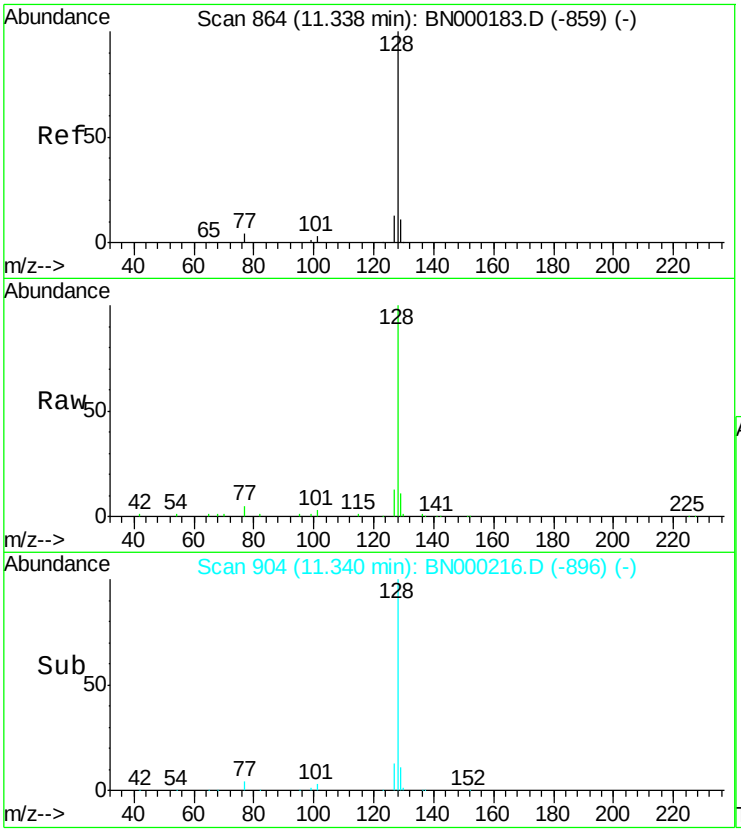


#8
Nitrobenzene-d5
Concen: 0.385 ng
RT: 9.63 min Scan# 769
Delta R.T. 0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion: 82 Resp: 4073

Ion	Ratio	Lower	Upper
82	100		
128	41.9	150.0	225.0#
54	42.0	154.2	231.4#



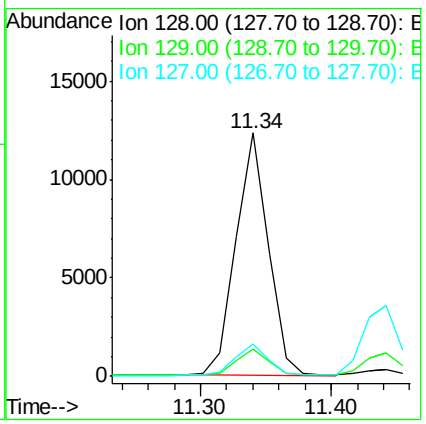


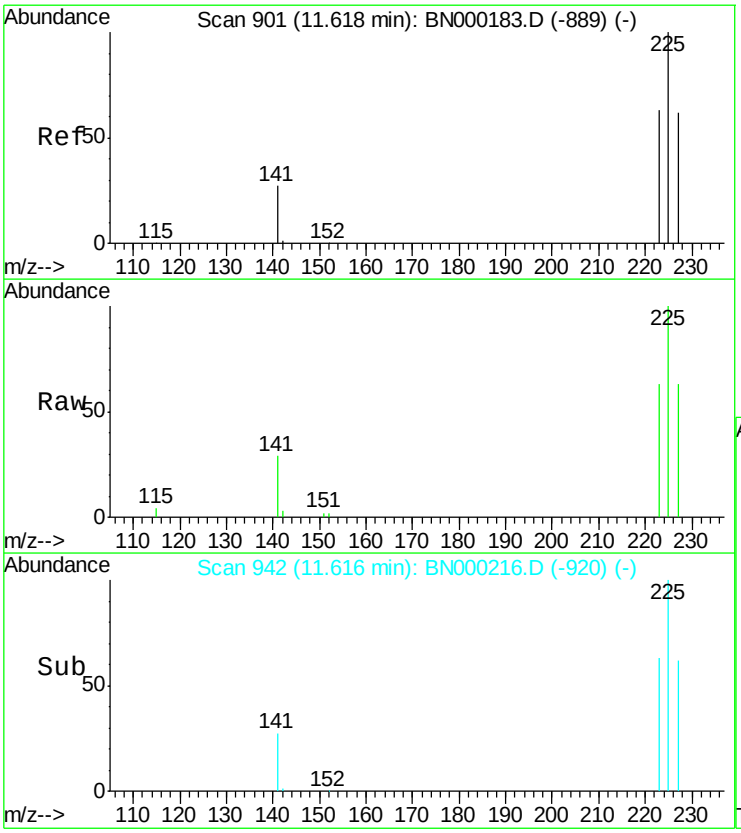
#9
Naphthalene
Concen: 0.406 ng
RT: 11.34 min Scan# 904
Delta R.T. 0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 21178

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.0	12.0
127	13.1	9.6	14.4

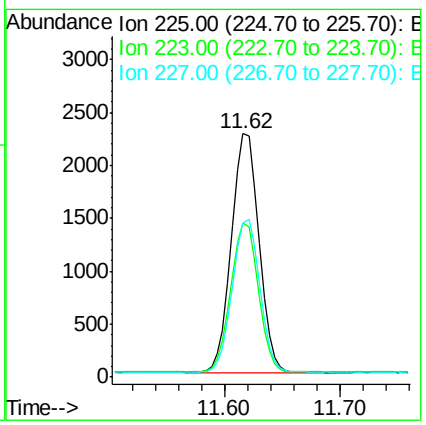


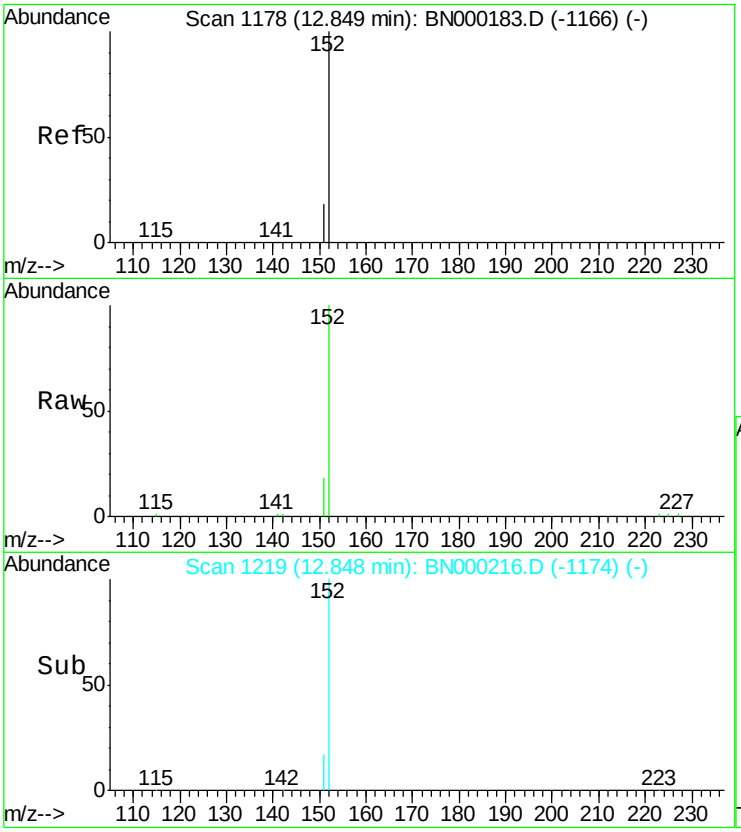


#10
Hexachlorobutadiene
Concen: 0.408 ng
RT: 11.62 min Scan# 942
Delta R.T. -0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion:225 Resp: 3611

Ion	Ratio	Lower	Upper
225	100		
223	62.3	53.0	79.6
227	63.9	51.4	77.2



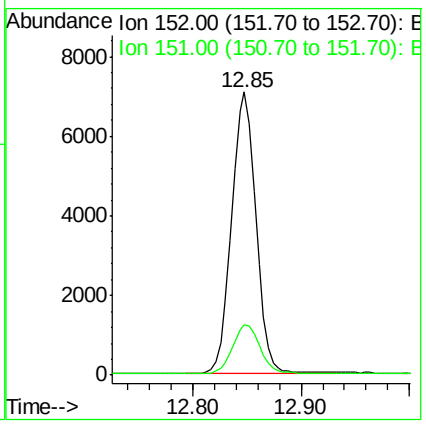


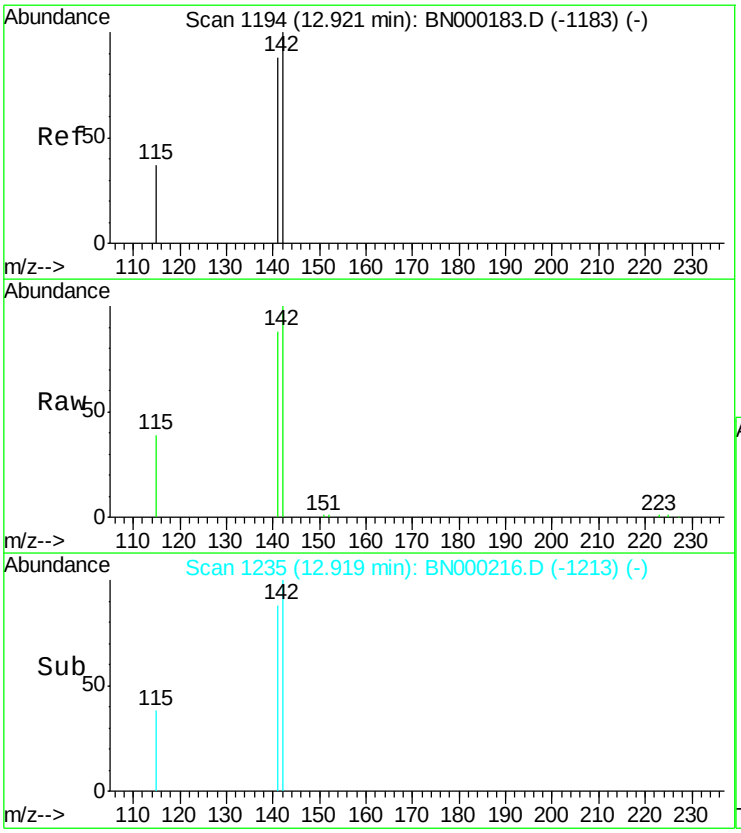
#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.85 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 11043

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

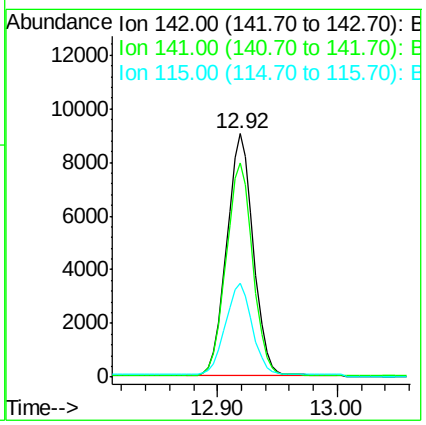


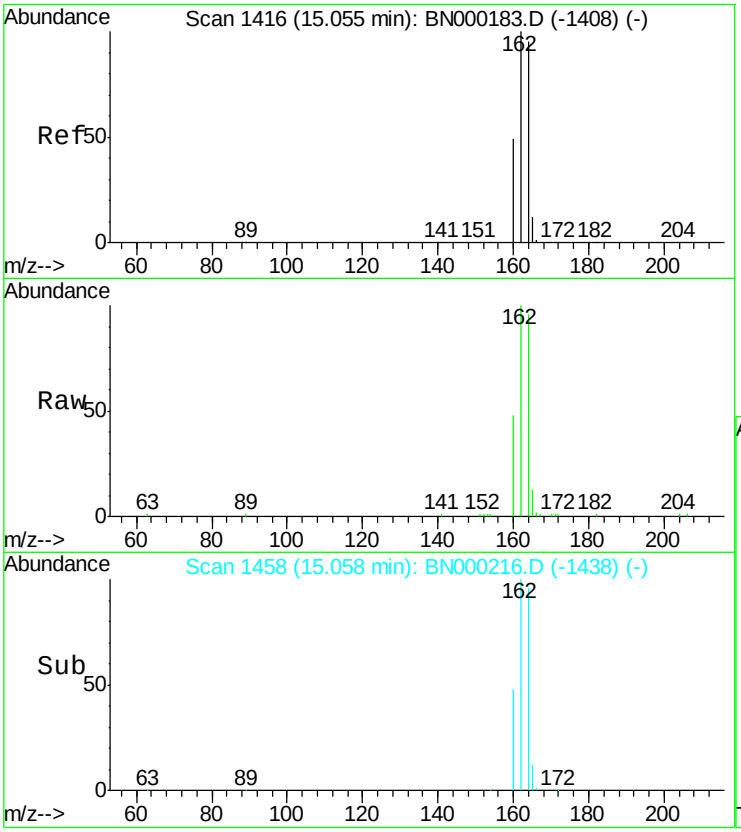


#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 12.92 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion:142 Resp: 13824

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	38.7	31.7	47.5



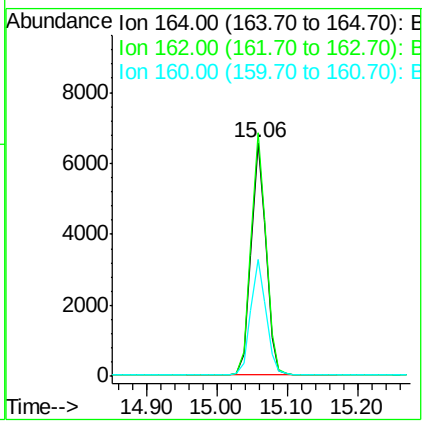


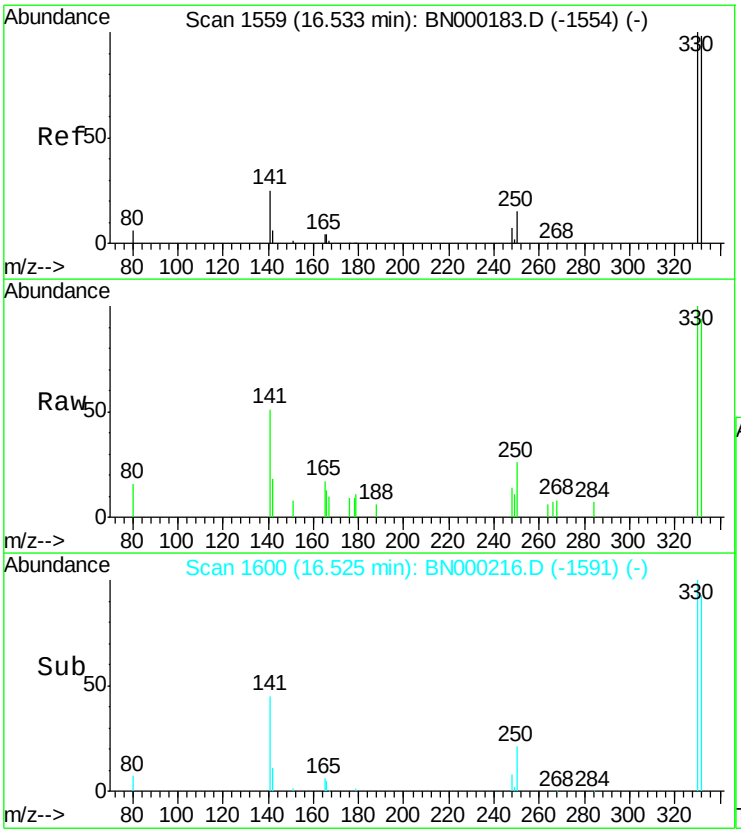
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 9685

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.1	124.7
160	50.0	37.1	55.7

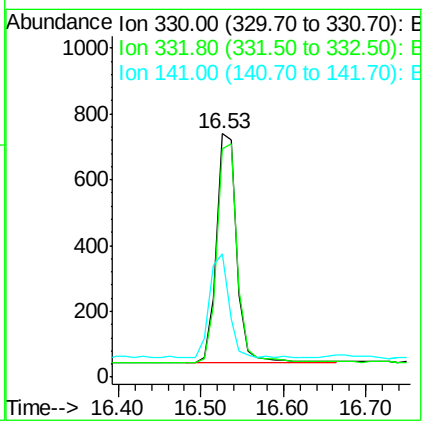


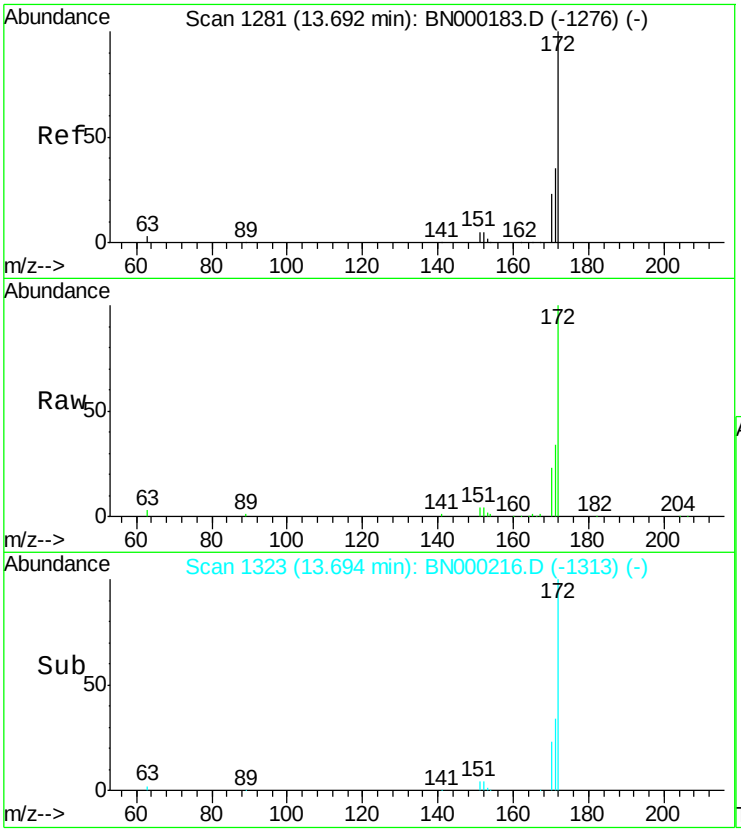


#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 16.53 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion:330 Resp: 1206

Ion	Ratio	Lower	Upper
330	100		
332	96.8	152.7	229.1#
141	43.9	33.7	50.5



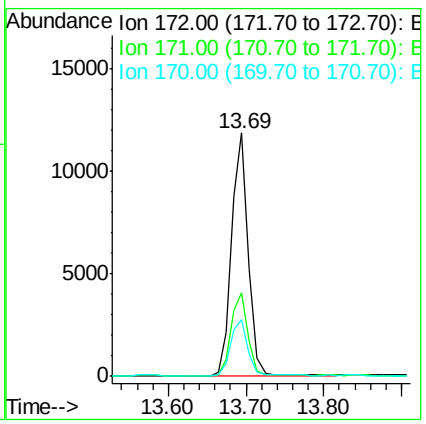


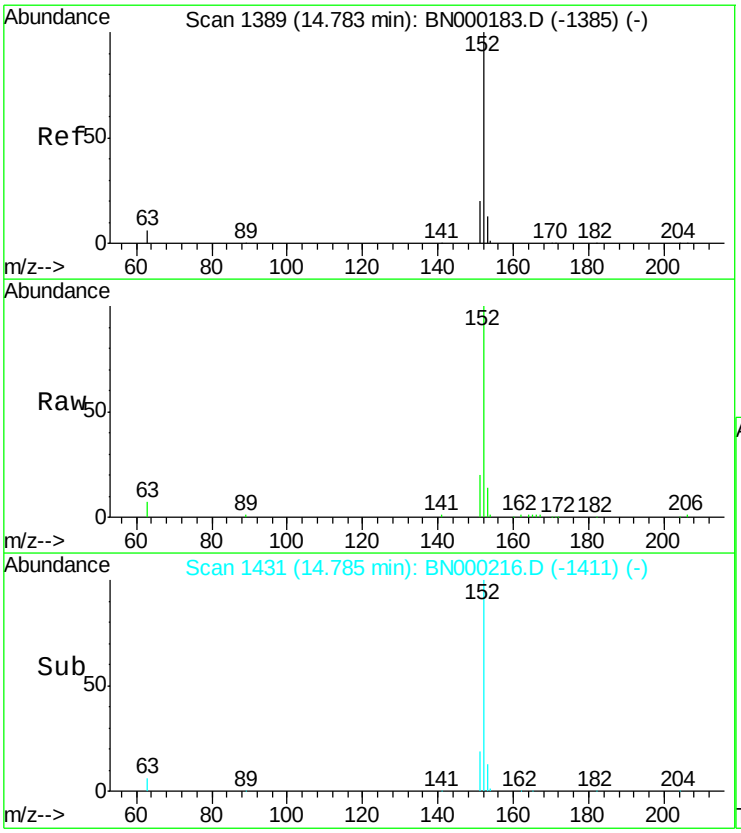
#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.69 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 17612

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	23.1	21.8	32.8

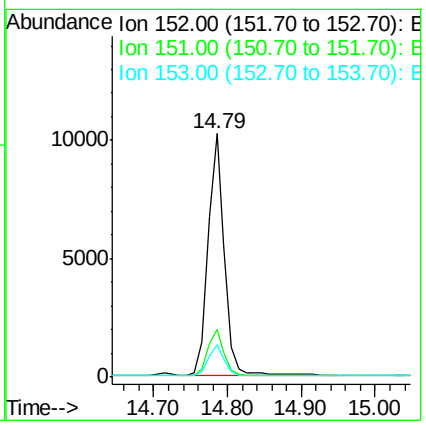


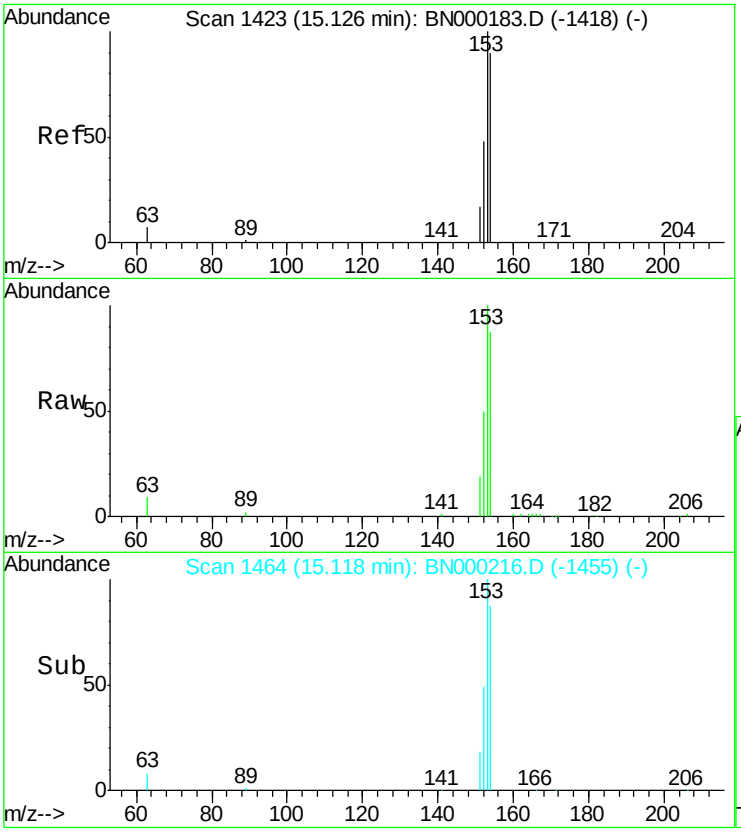


#16
Acenaphthylene
Concen: 0.348 ng
RT: 14.79 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion:152 Resp: 15876

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.7	10.5	15.7



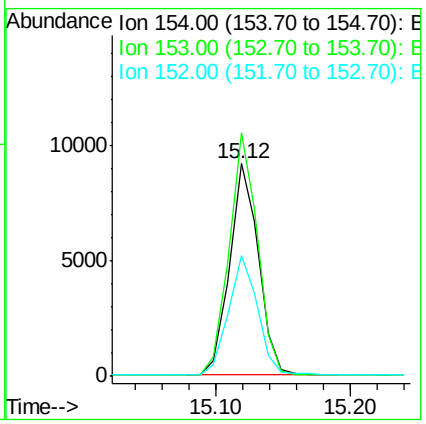


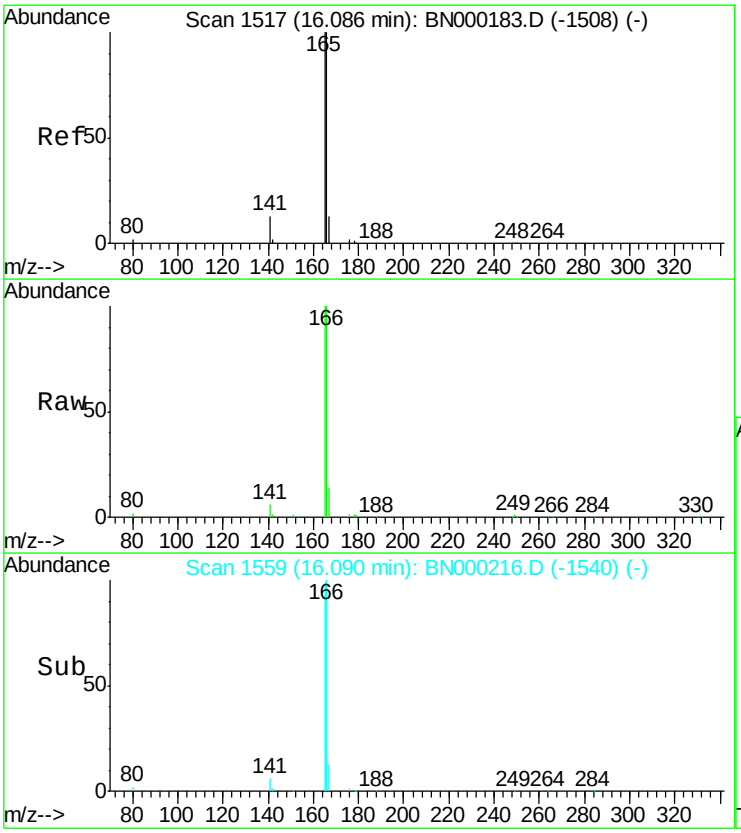
#17
Acenaphthene
Concen: 0.379 ng
RT: 15.12 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 13644

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.2	133.8
152	56.6	42.0	63.0

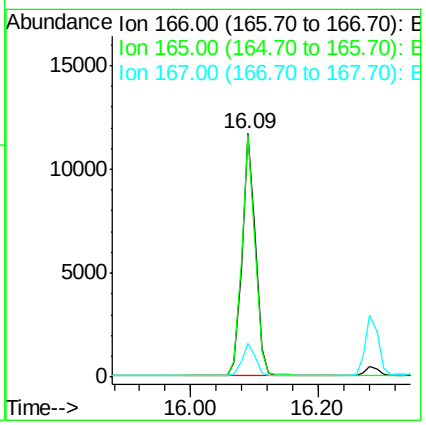


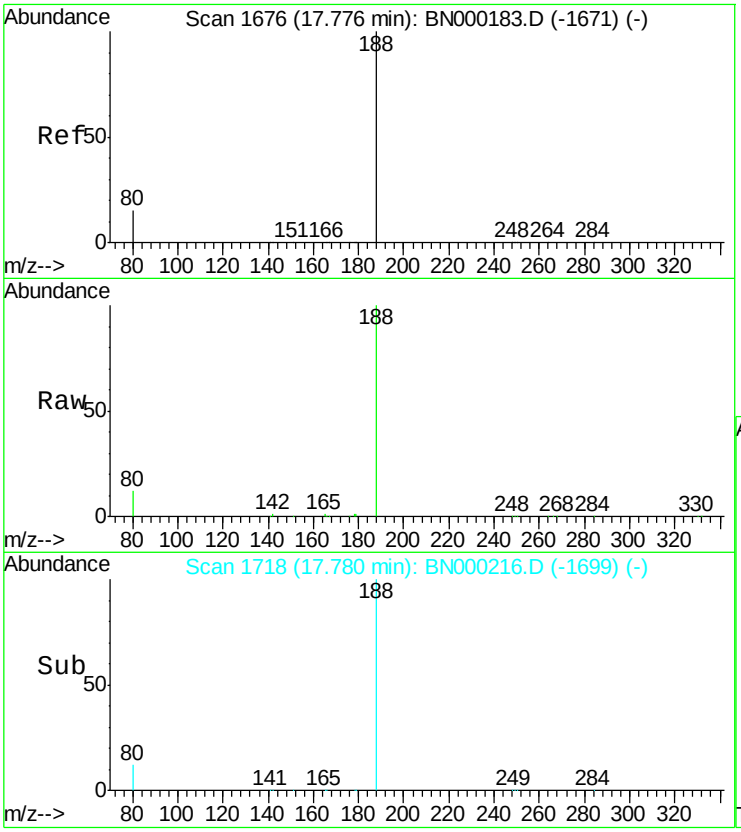


#18
Fluorene
Concen: 0.377 ng
RT: 16.09 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion:166 Resp: 16928

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.8	116.6
167	13.5	42.4	63.6#



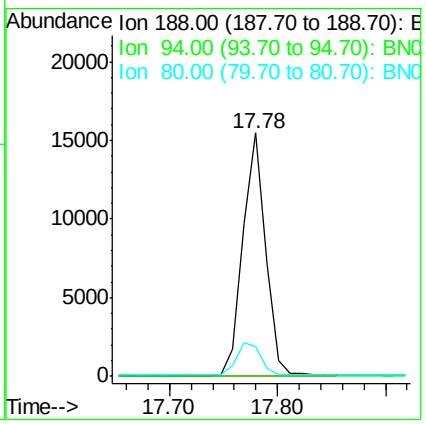


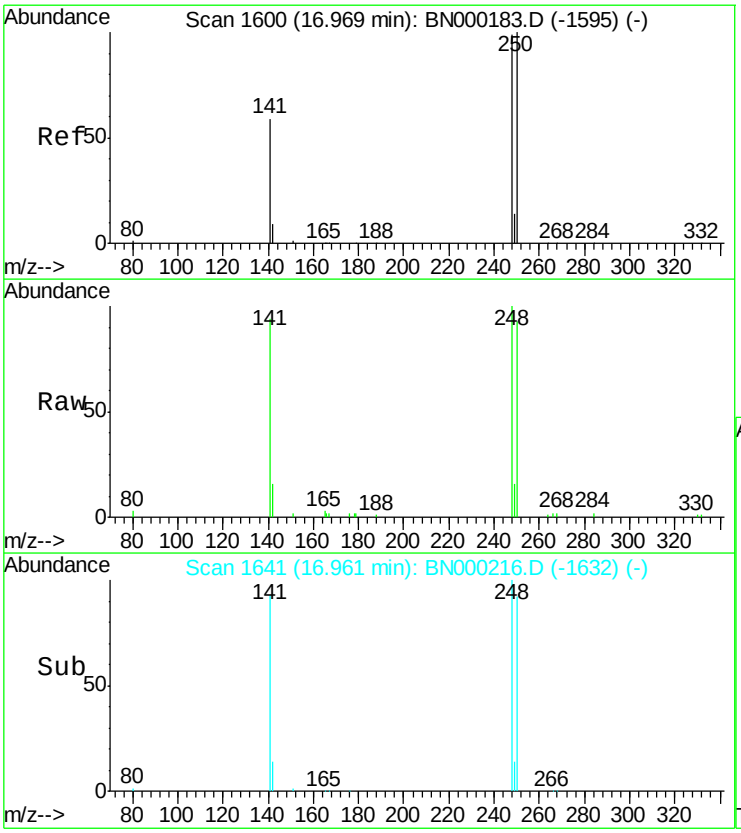
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.78 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 22601

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.3	3.6	5.4#

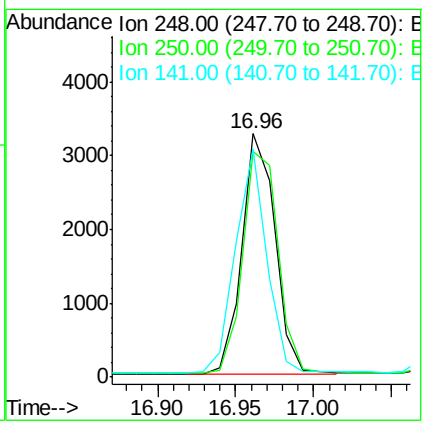


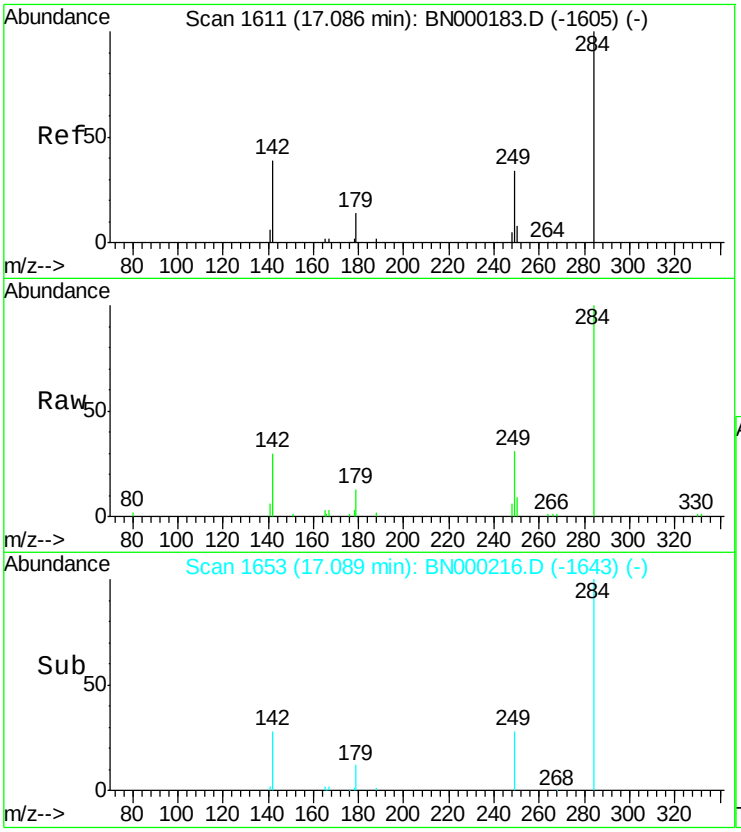


#20
4-Bromophenyl-phenylether
Concen: 0.368 ng
RT: 16.96 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion:248 Resp: 4795

Ion	Ratio	Lower	Upper
248	100		
250	92.8	62.7	94.1
141	94.0	48.2	72.2#



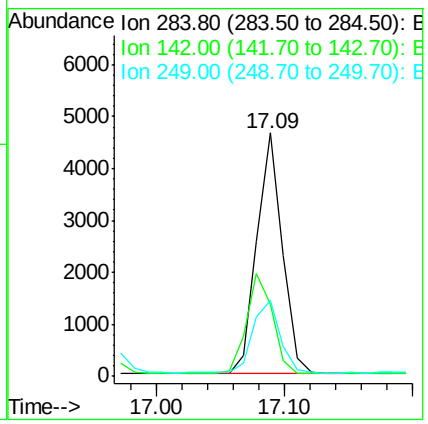


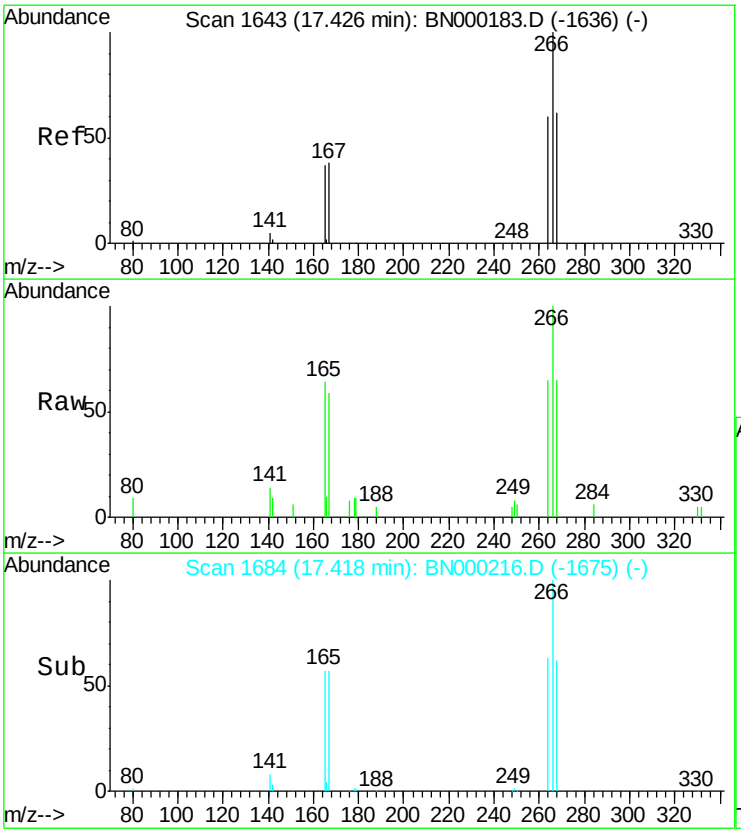
#21
Hexachlorobenzene
Concen: 0.372 ng
RT: 17.09 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 6476

Ion	Ratio	Lower	Upper
284	100		
142	42.4	32.0	48.0
249	32.1	24.0	36.0

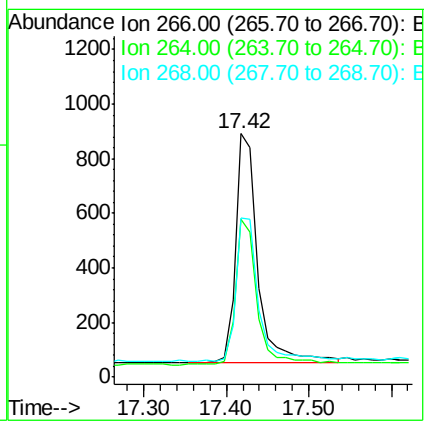


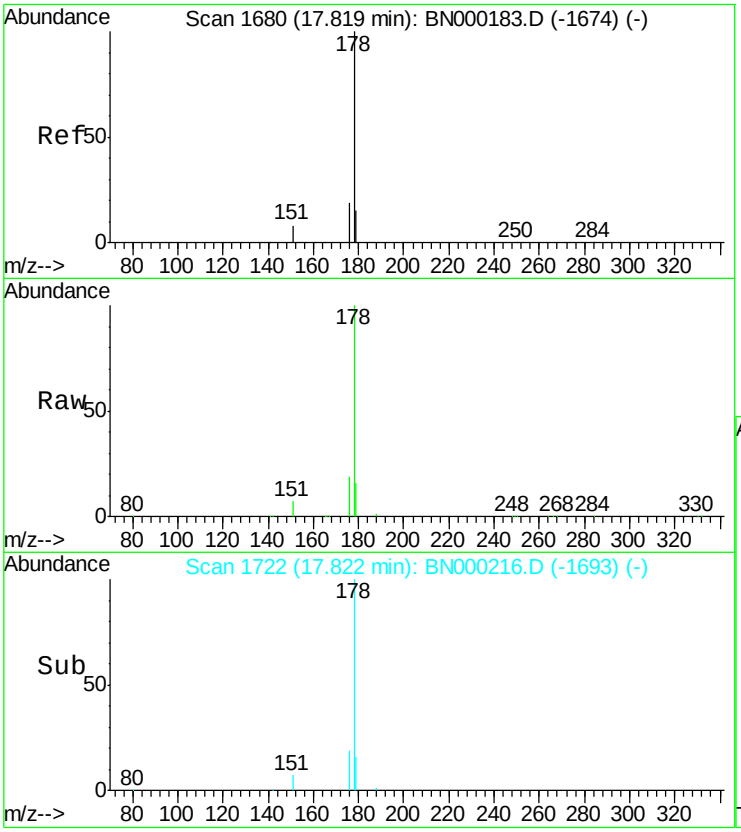


#22
Pentachlorophenol
Concen: 0.384 ng
RT: 17.42 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion:266 Resp: 1575

Ion	Ratio	Lower	Upper
266	100		
264	64.6	48.0	72.0
268	65.2	52.0	78.0



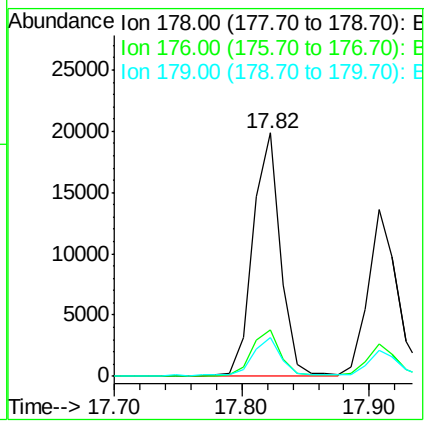


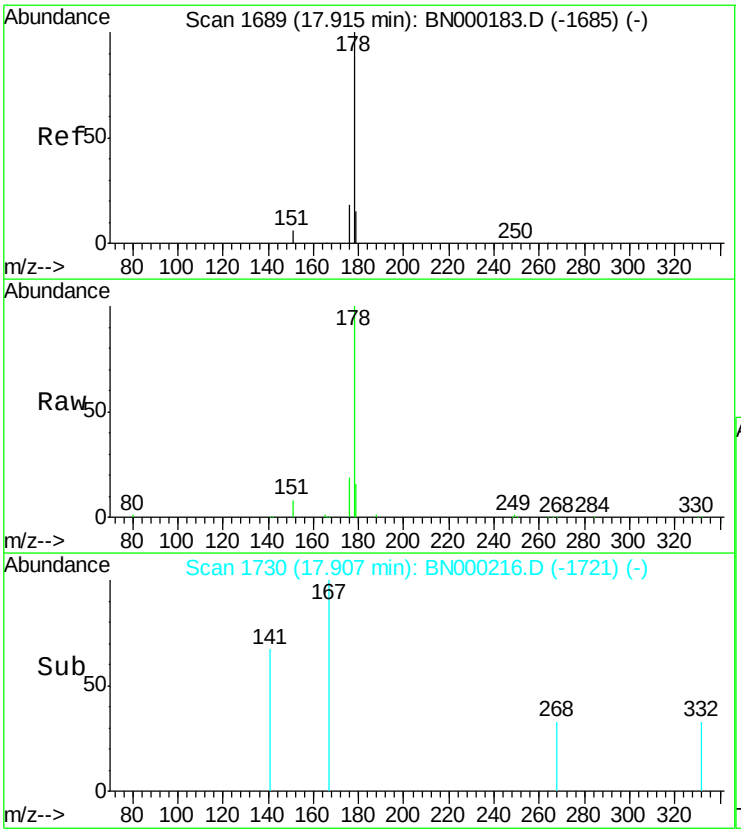
#23
Phenanthrene
Concen: 0.374 ng
RT: 17.82 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 29717

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.7	11.8	17.6

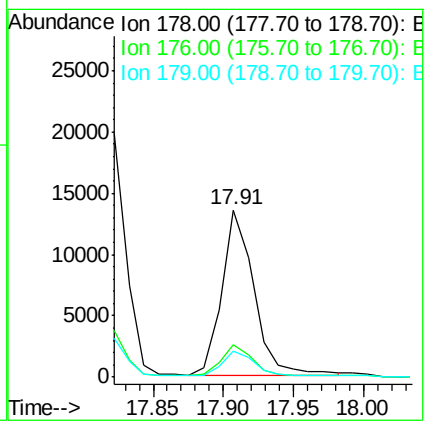


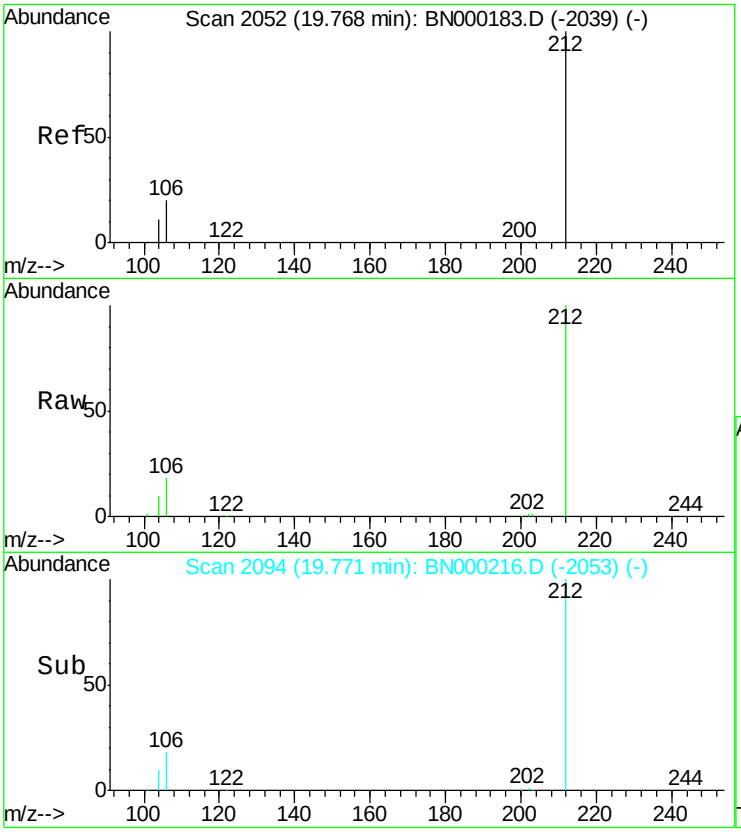


#24
Anthracene
Concen: 0.354 ng
RT: 17.91 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion:178 Resp: 21344

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	15.4	13.0	19.6



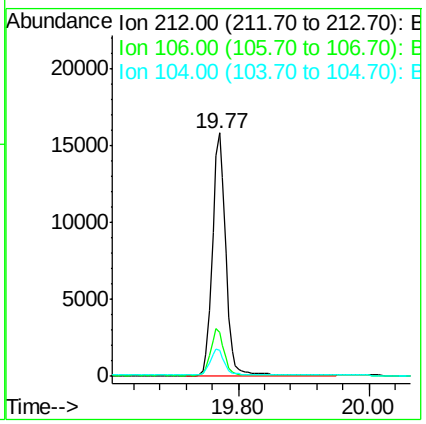


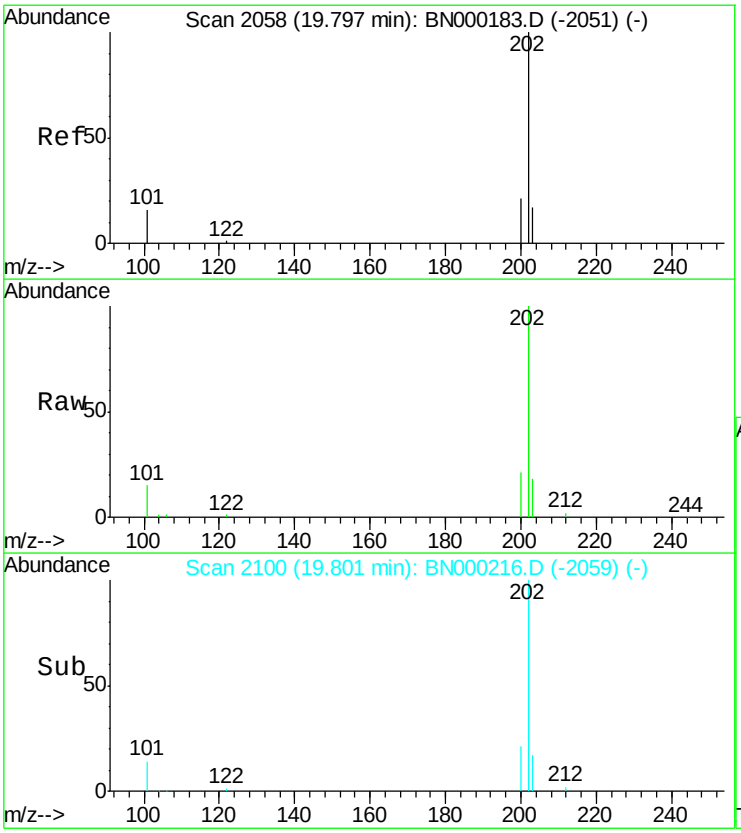
#25
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.77 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 22387

Ion	Ratio	Lower	Upper
212	100		
106	19.1	2.8	4.2#
104	10.6	1.6	2.4#

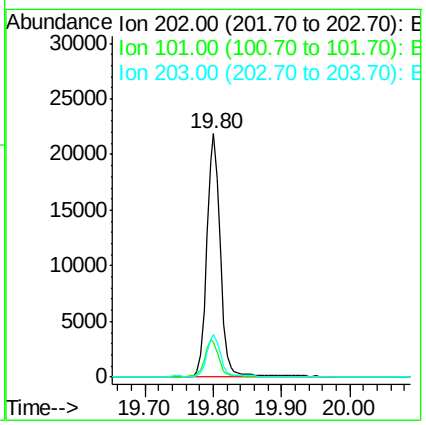


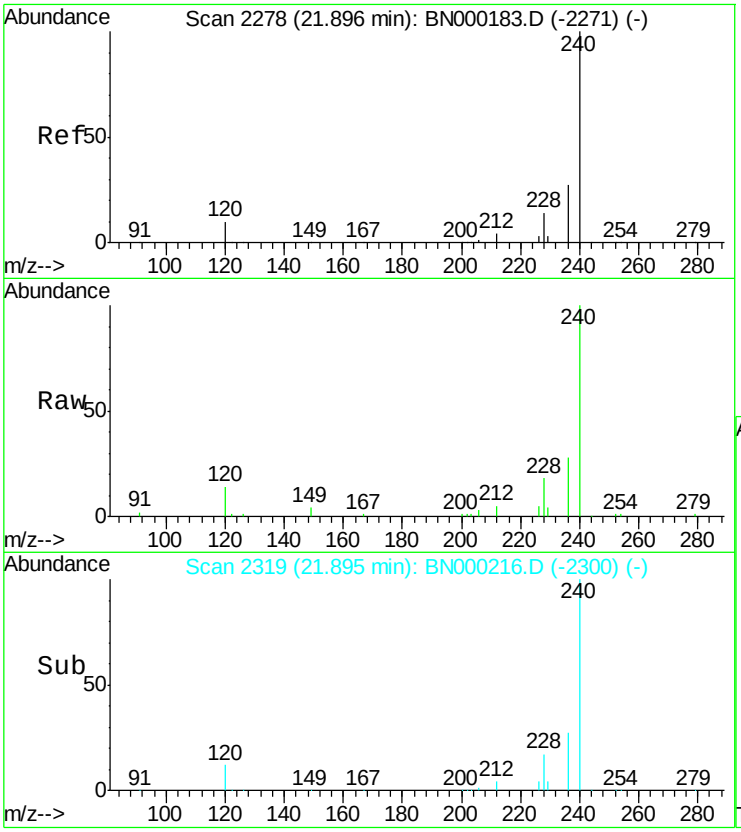


#26
Fluoranthene
Concen: 0.361 ng
RT: 19.80 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion:202 Resp: 29786

Ion	Ratio	Lower	Upper
202	100		
101	15.7	9.8	14.8#
203	16.9	13.7	20.5



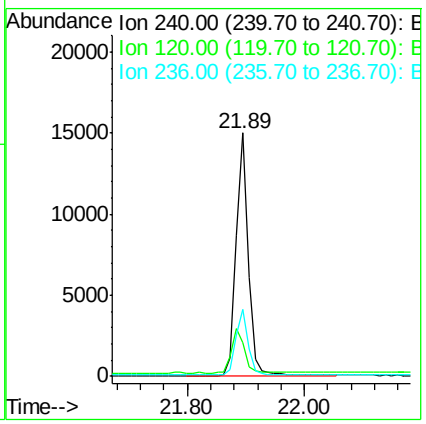


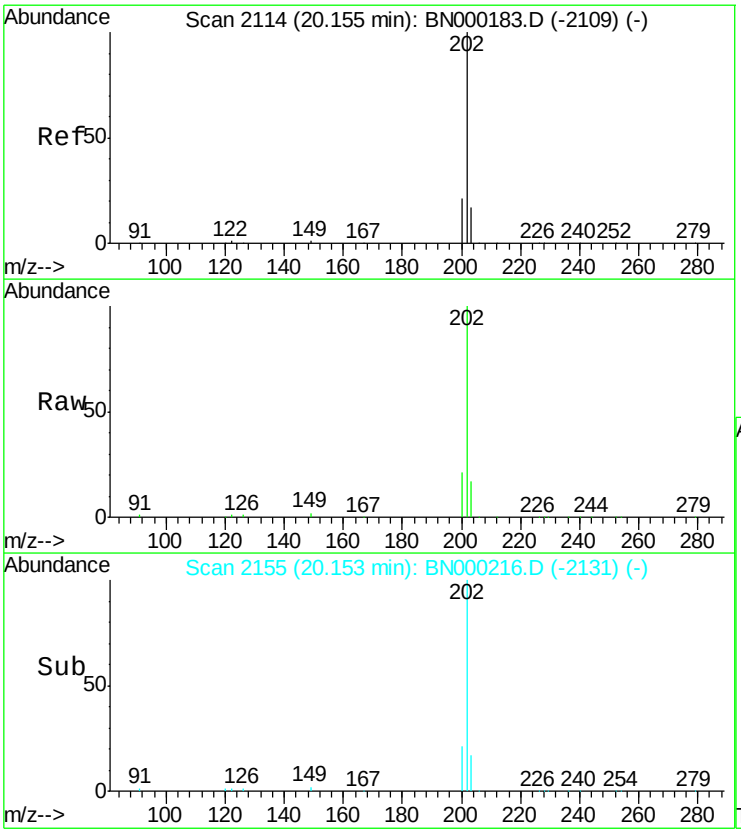
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 21026

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.5	8.3#
236	27.5	20.7	31.1

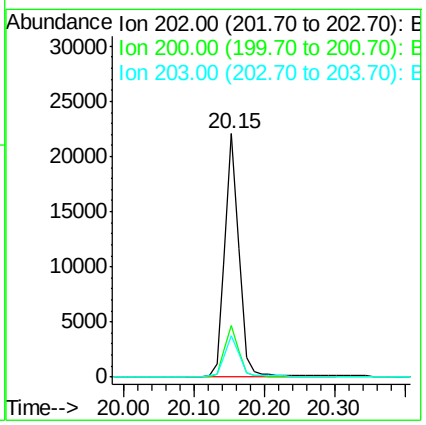


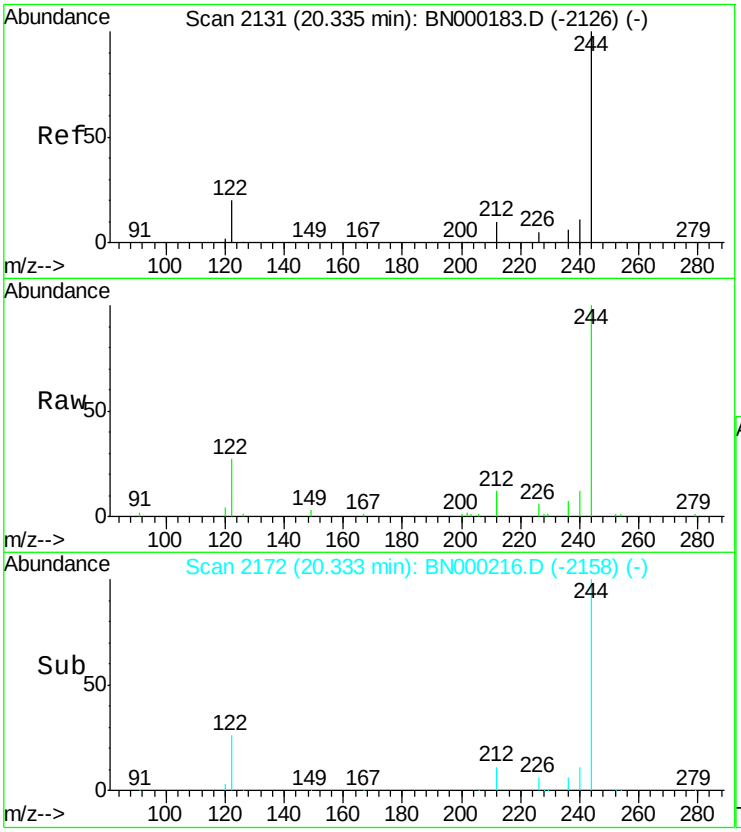


#28
Pyrene
Concen: 0.372 ng
RT: 20.15 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion:202 Resp: 30694

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.3	13.8	20.8



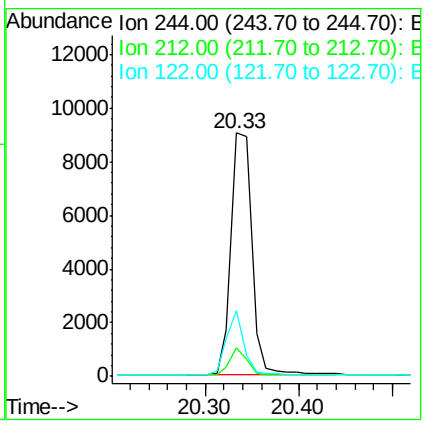


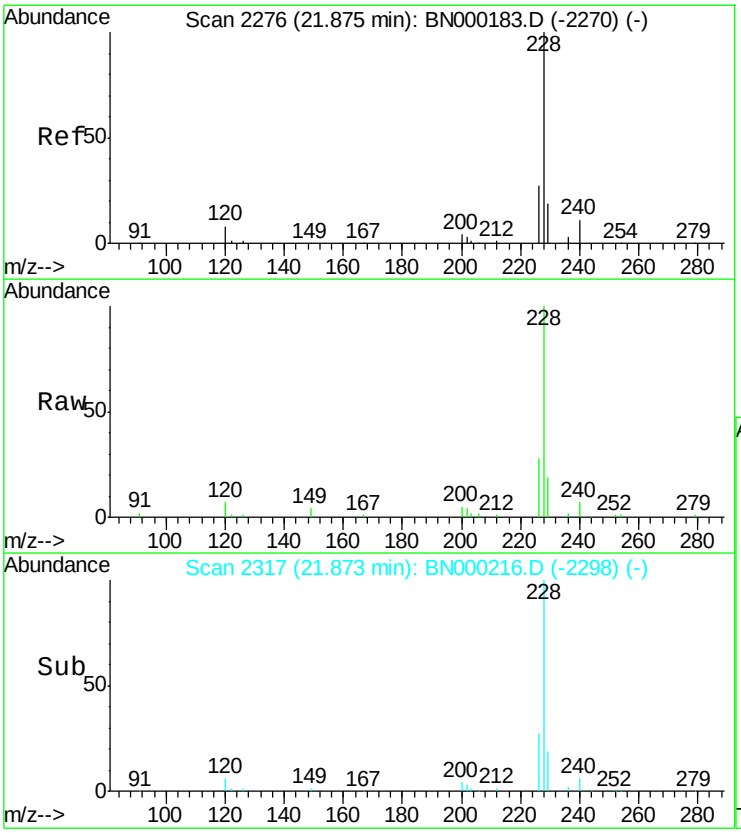
#29
Terphenyl-d14
Concen: 0.381 ng
RT: 20.33 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 14068

Ion	Ratio	Lower	Upper
244	100		
212	11.9	25.4	38.0#
122	26.8	8.1	12.1#

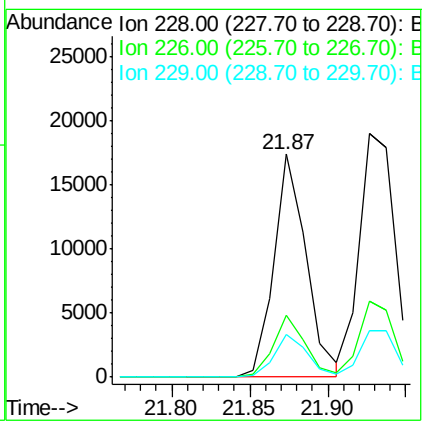


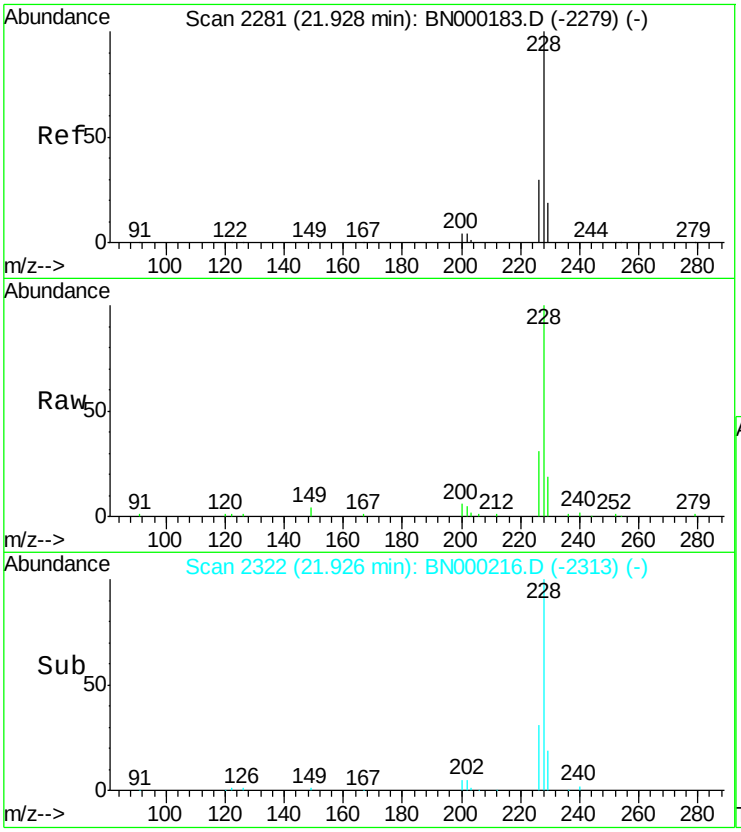


#30
Benzo(a)anthracene
Concen: 0.373 ng
RT: 21.87 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion:228 Resp: 24708

Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.0	36.0
229	19.3	16.0	24.0



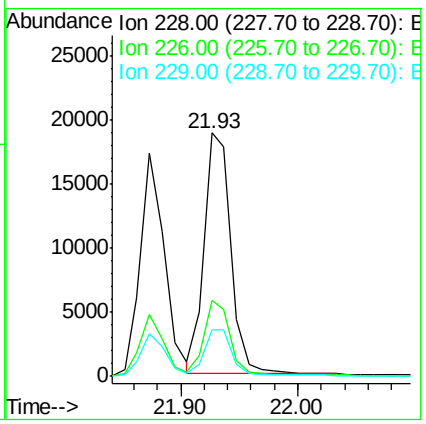


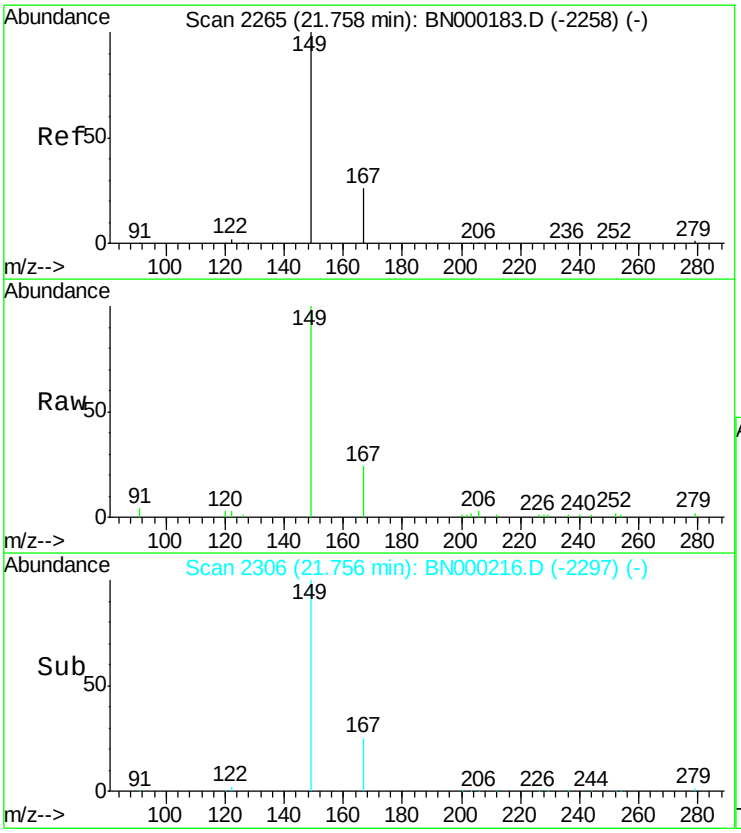
#31
Chrysene
Concen: 0.387 ng
RT: 21.93 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 29957

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	19.2	16.0	24.0

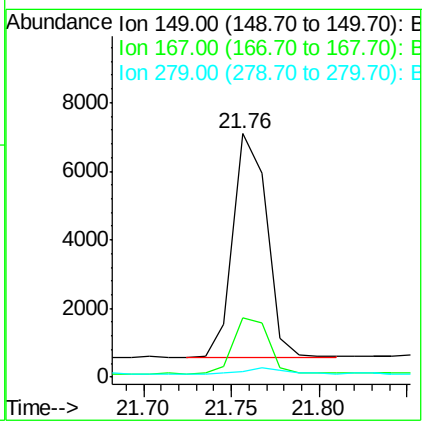


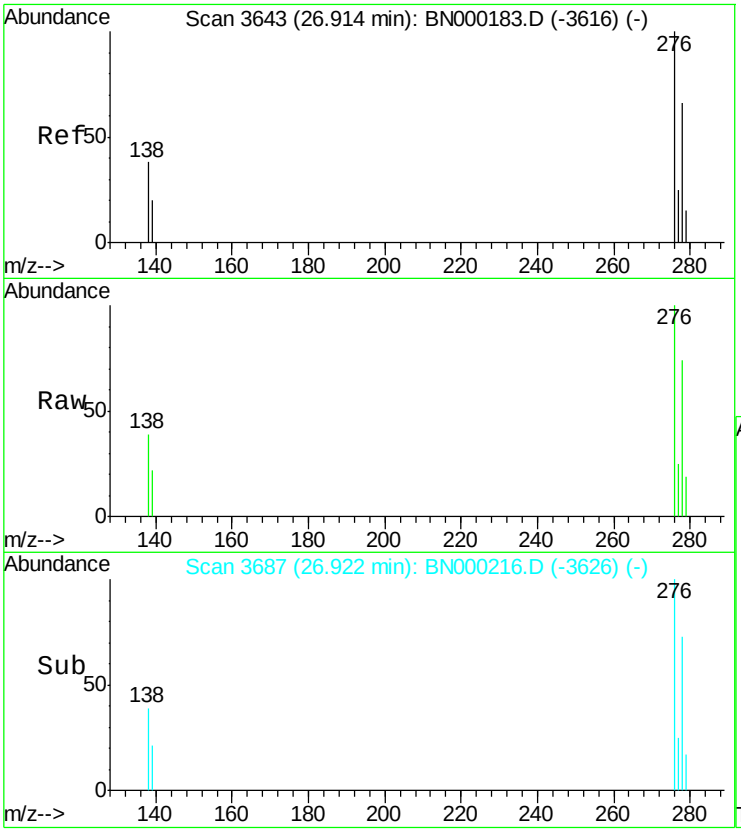


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.350 ng
RT: 21.76 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion:149 Resp: 8637

Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.0	30.0
279	2.7	1.6	2.4#



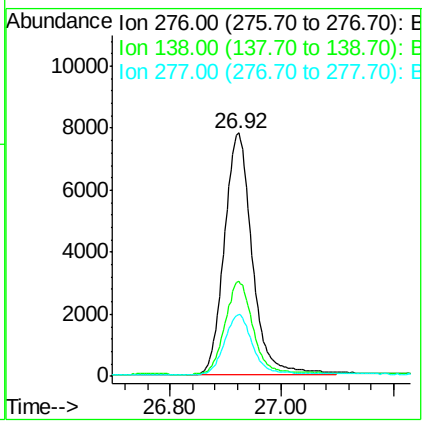


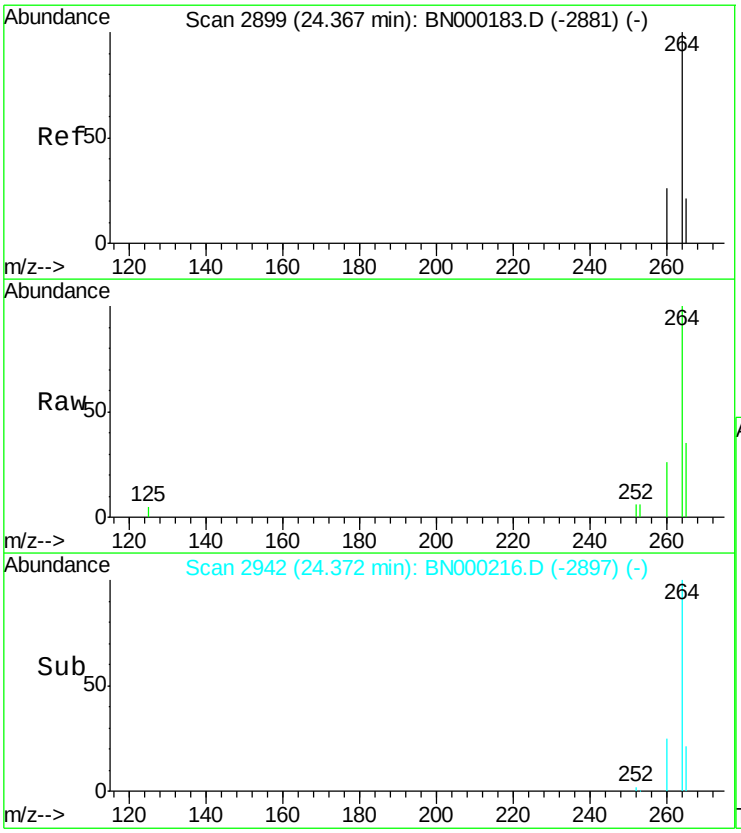
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng
RT: 26.92 min Scan# 3687
Delta R.T. 0.01 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 27076

Ion	Ratio	Lower	Upper
276	100		
138	38.5	22.5	33.7#
277	24.7	19.9	29.9

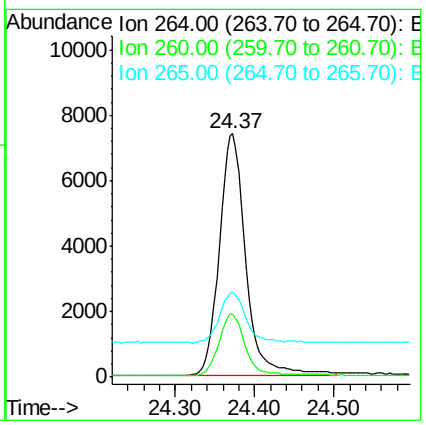


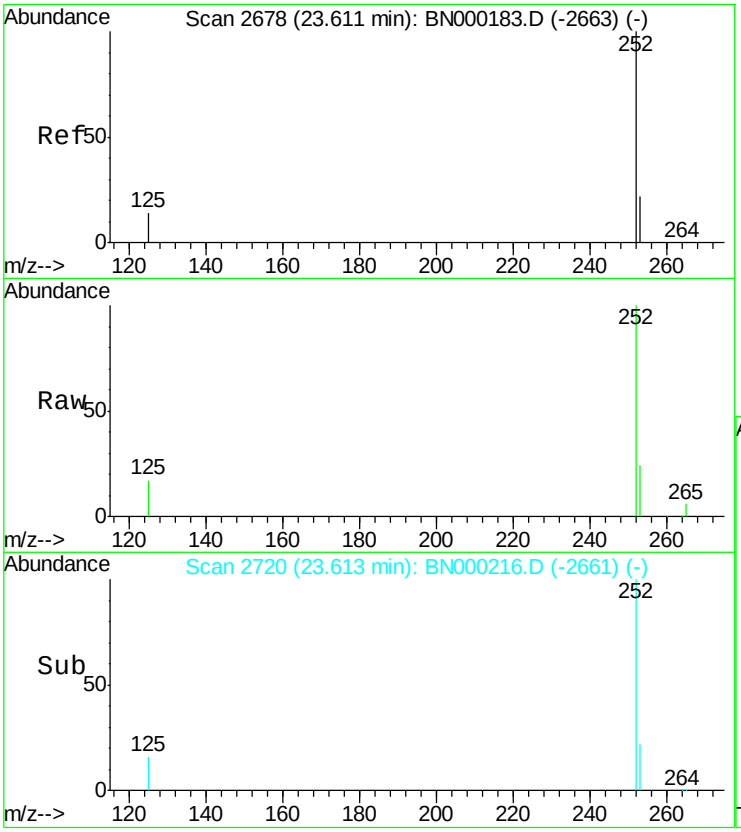


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.37 min Scan# 2942
Delta R.T. 0.01 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion:264 Resp: 16924

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	35.0	22.8	34.2#



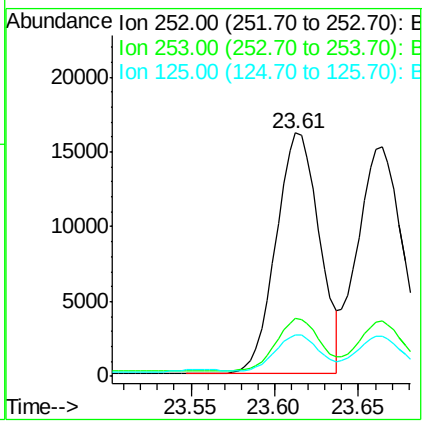


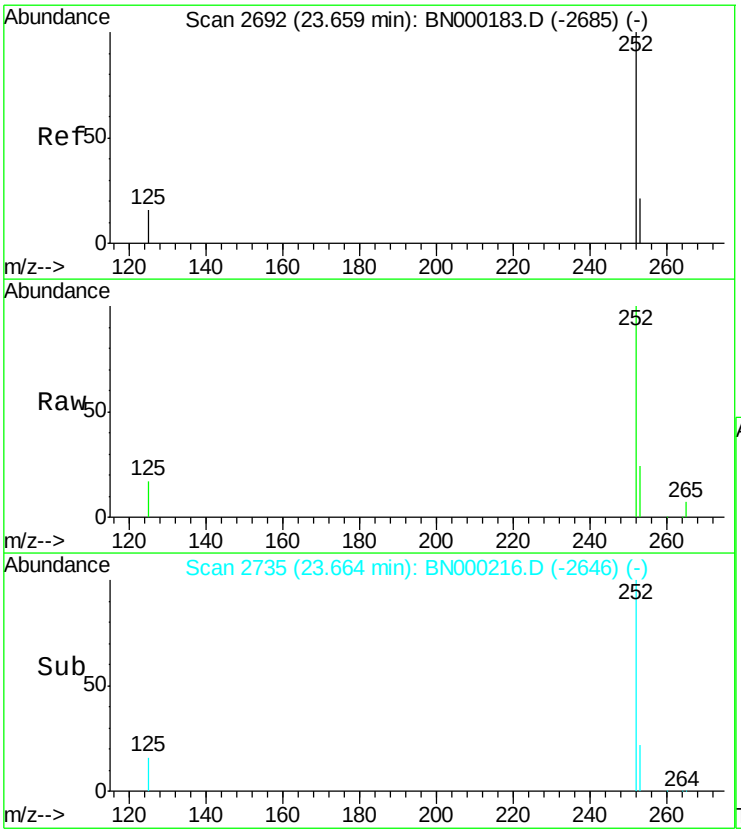
#35
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 23.61 min Scan# 2720
Delta R.T. 0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 28932

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.0	30.0
125	17.2	16.0	24.0

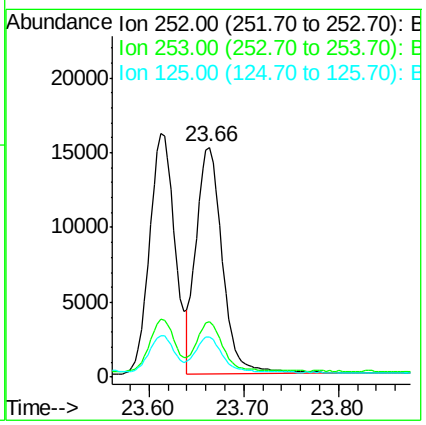


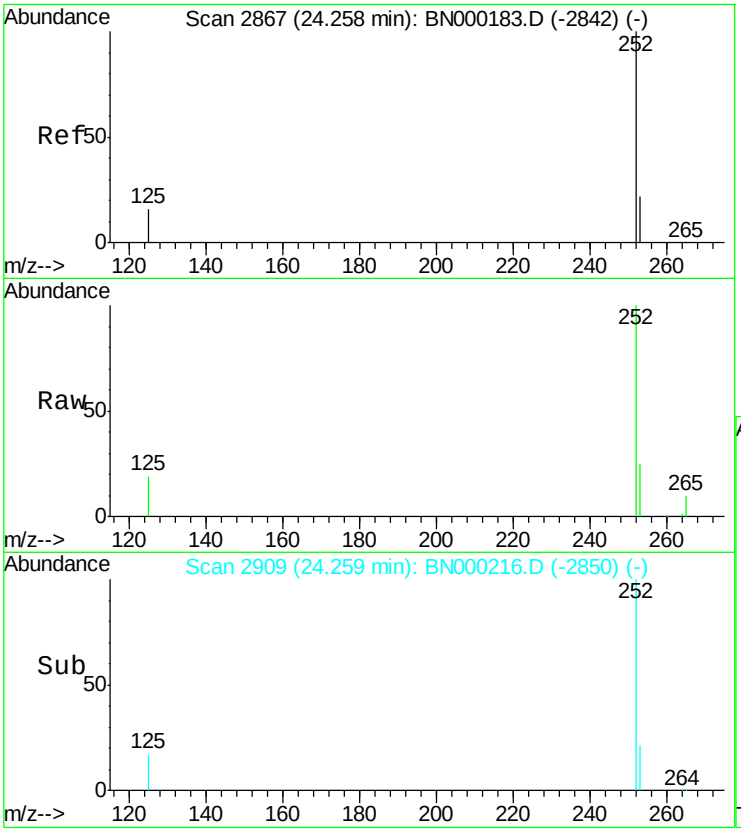


#36
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 23.66 min Scan# 2735
Delta R.T. 0.01 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion:252 Resp: 28751

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	17.5	8.0	12.0#



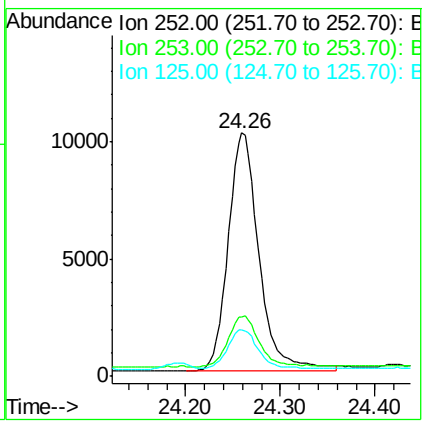


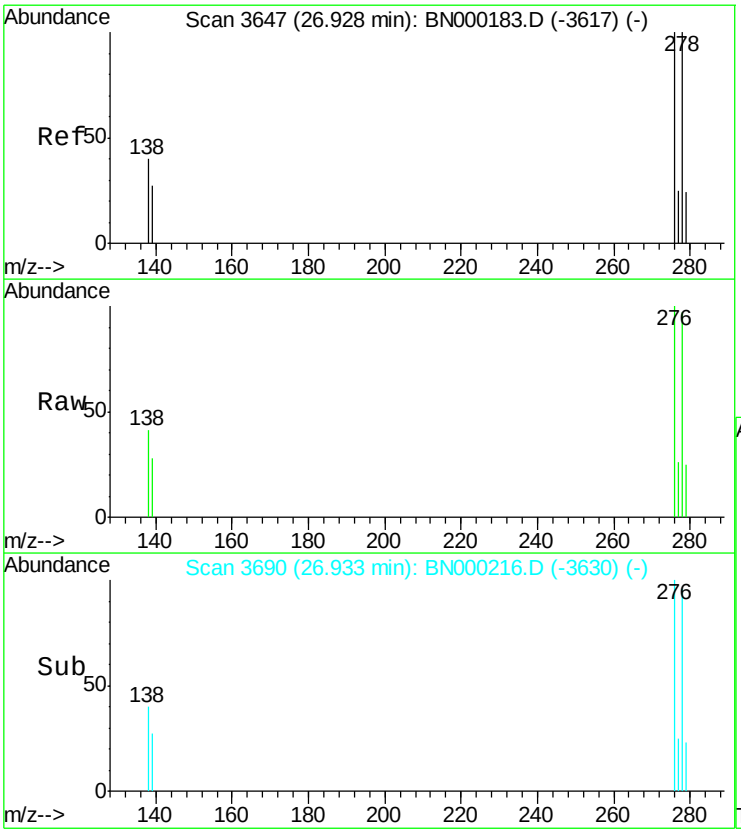
#37
Benzo(a)pyrene
Concen: 0.367 ng
RT: 24.26 min Scan# 2909
Delta R.T. 0.00 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 23091

Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.0	24.0#
125	19.3	12.0	18.0#

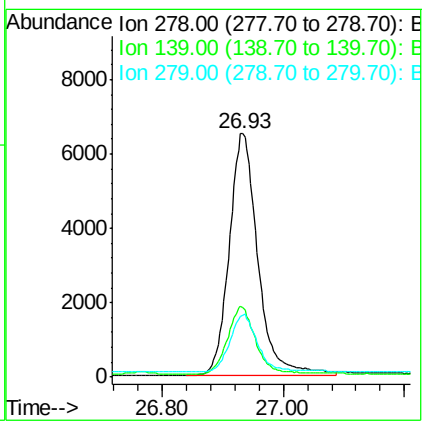


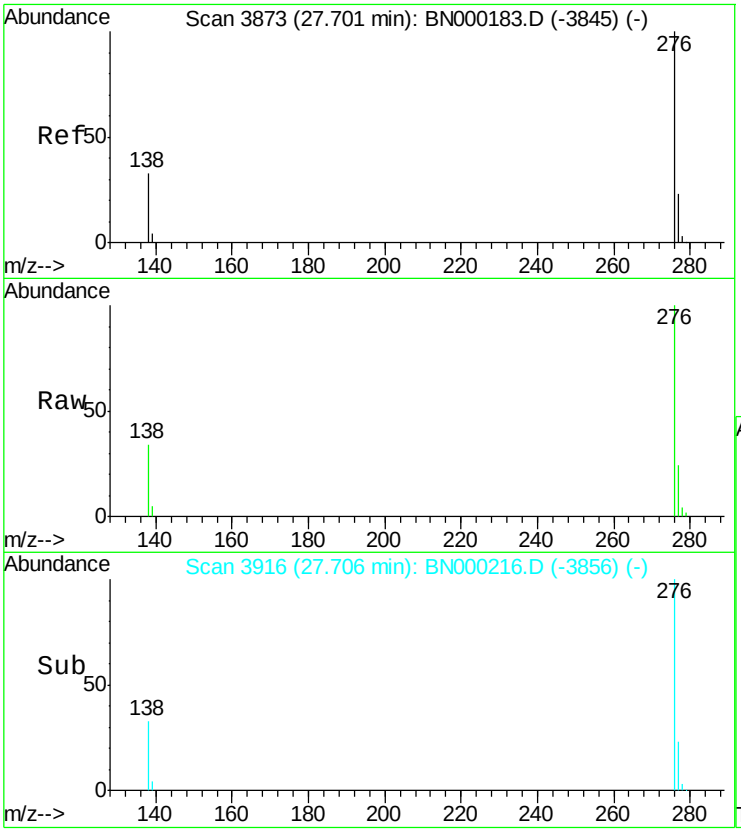


#38
Dibenzo(a,h)anthracene
Concen: 0.381 ng
RT: 26.93 min Scan# 3690
Delta R.T. 0.01 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Tgt Ion:278 Resp: 21335

Ion	Ratio	Lower	Upper
278	100		
139	28.7	16.0	24.0#
279	25.6	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.380 ng
RT: 27.71 min Scan# 3916
Delta R.T. 0.01 min
Lab File: BN000216.D
Acq: 01 Mar 2018 14:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 25111

Ion	Ratio	Lower	Upper
276	100		
277	24.1	16.0	24.0#
138	34.1	20.0	30.0#