Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032819\
Data File : BN005021.D
Acq On : 28 Mar 2019 20:24
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Mar 29 03:24:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:18:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2758	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	12448	0.40	ng		0.00
13) Acenaphthene-d10	14.30	164	7619	0.40	ng		0.00
19) Phenanthrene-d10	17.06	188	17590	0.40	ng		0.00
27) Chrysene-d12	21.26	240	23030	0.40	ng		0.00
34) Perylene-d12	23.49	264	22644	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	22891	3.05	ng		0.00
5) Phenol-d6	6.83	99	28275	3.03	ng		-0.02
8) Nitrobenzene-d5	8.82	82	25091	3.05	ng		-0.01
11) 2-Methylnaphthalene-d10	12.03	152	63511	2.92	ng		0.00
14) 2,4,6-Tribromophenol	15.80	330	15724	2.99	ng		-0.01
15) 2-Fluorobiphenyl	12.92	172	93204	2.96	ng		0.00
25) Fluoranthene-d10	19.09	212	172230	2.92	ng		0.00
29) Terphenyl-d14	19.69	244	141886	3.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	9096	2.901	ng		98
3) n-Nitrosodimethylamine	3.51	42	6715	3.623	ng	#	94
6) bis(2-Chloroethyl)ether	7.09	93	26425	3.138	ng		98
9) Naphthalene	10.49	128	100956	2.892	ng		98
10) Hexachlorobutadiene	10.76	225	18443	2.769	ng	#	100
12) 2-Methylnaphthalene	12.11	142	73963	2.852	ng		97
16) Acenaphthylene	14.02	152	126829	3.232	ng		100
17) Acenaphthene	14.37	154	74923	2.915	ng		99
18) Fluorene	15.36	166	100522	2.802	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	34329	2.987	ng	#	90
21) Hexachlorobenzene	16.36	284	37457	2.848	ng		100
22) Pentachlorophenol	16.72	266	9990	3.884	ng		91
23) Phenanthrene	17.09	178	165153	2.908	ng		100
24) Anthracene	17.18	178	155440	3.064	ng		100
26) Fluoranthene	19.12	202	204513	2.802	ng		100
28) Pyrene	19.49	202	206080	2.935	ng		100
30) Benzo(a)anthracene	21.24	228	219565	2.907	ng		99
31) Chrysene	21.29	228	214212	2.693	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	99509	3.298	ng		99
33) Indeno(1,2,3-cd)pyrene	25.73	276	270407	2.349	ng		100
35) Benzo(b)fluoranthene	22.81	252	237945	2.905	ng		96
36) Benzo(k)fluoranthene	22.86	252	224306	2.783	ng		96
37) Benzo(a)pyrene	23.39	252	215648	2.870	ng		94
38) Dibenzo(a,h)anthracene	25.74	278	220752	2.536	ng		97
39) Benzo(g,h,i)perylene	26.43	276	219034	2.470	ng		98

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

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Mar 29 03:24:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:18:03 2019
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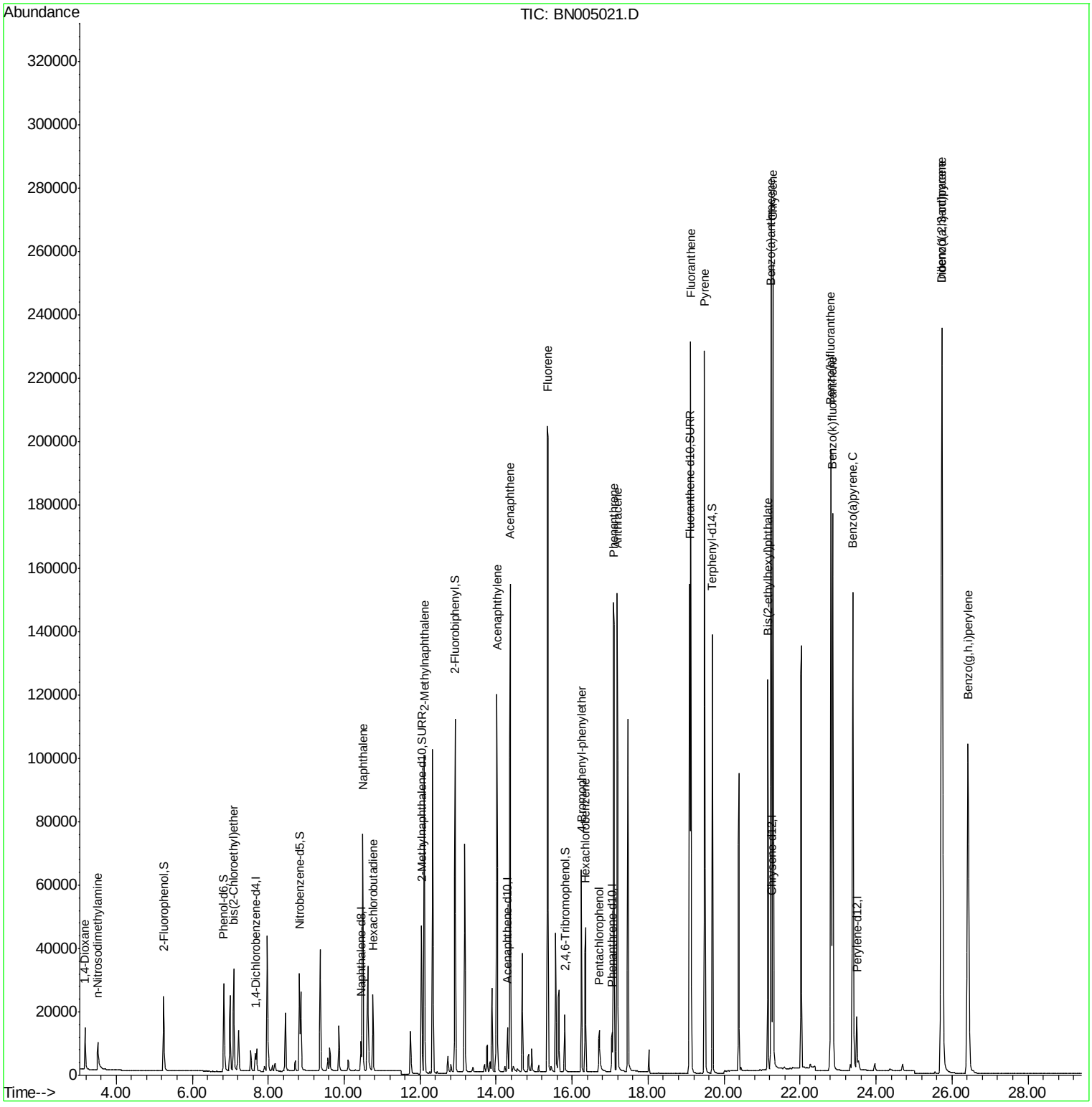
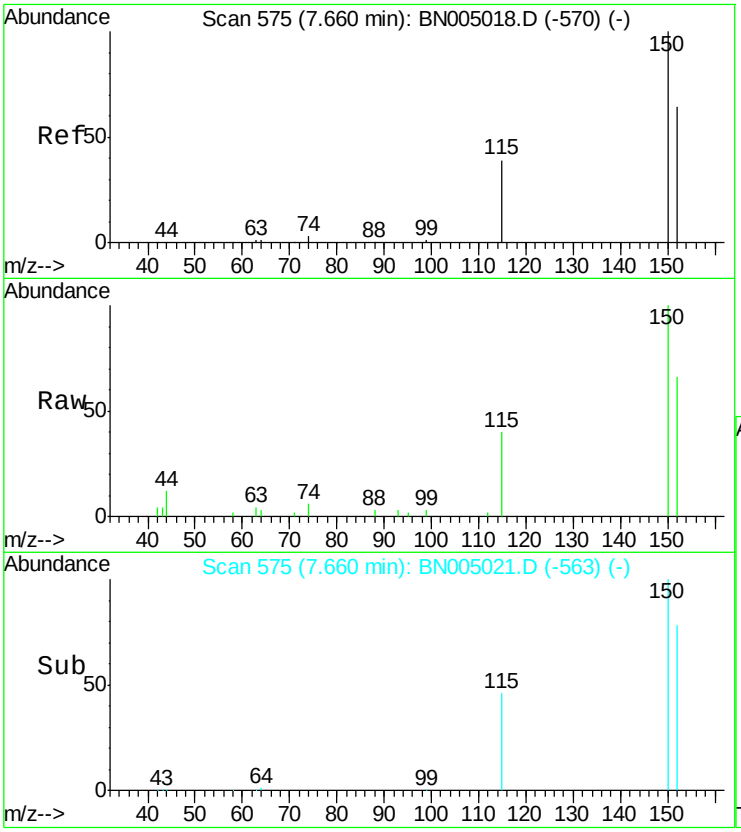


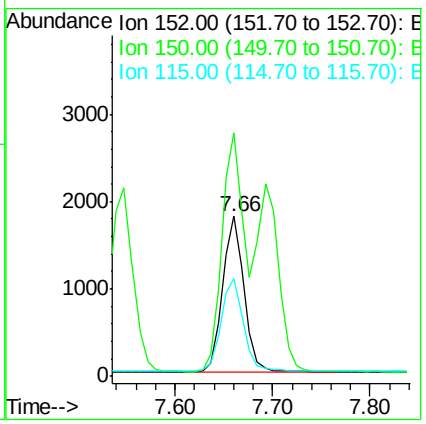


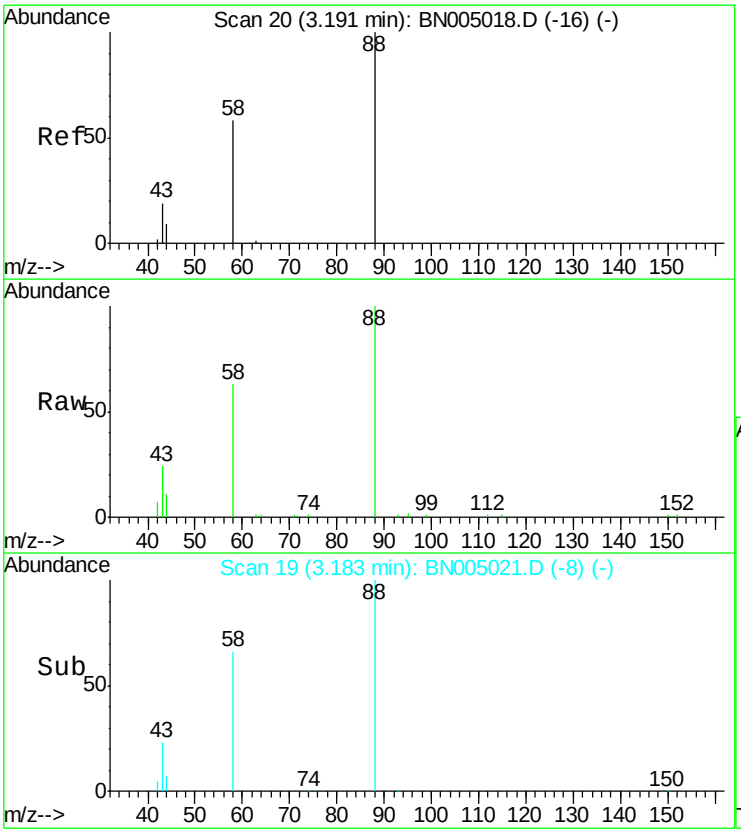
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 2758

Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.4	185.2
115	60.7	50.0	75.0

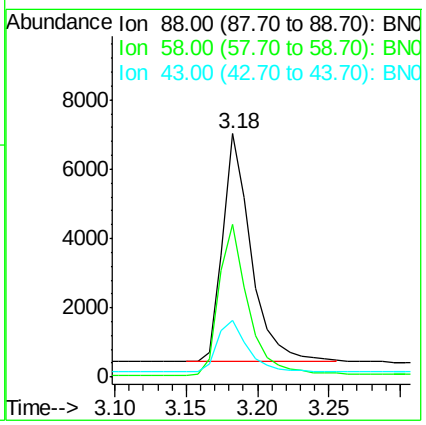


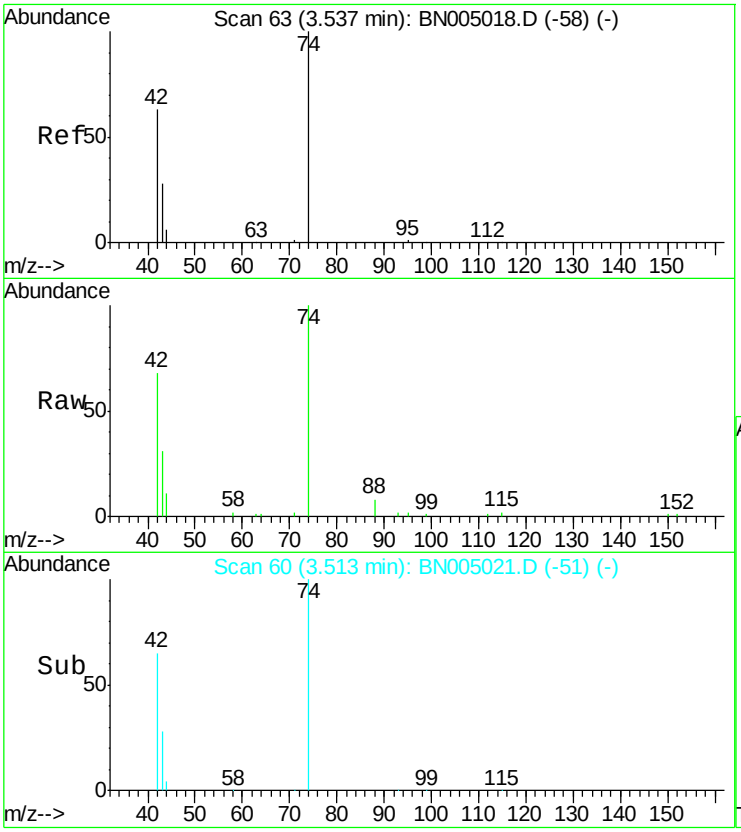


#2
1,4-Dioxane
Concen: 2.901 ng
RT: 3.18 min Scan# 19
Delta R.T. -0.01 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion: 88 Resp: 9096

Ion	Ratio	Lower	Upper
88	100		
58	68.1	52.8	79.2
43	23.9	19.6	29.4



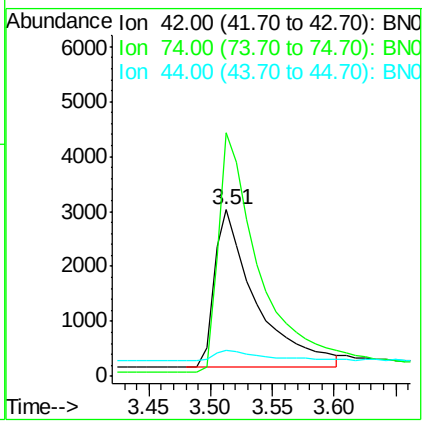


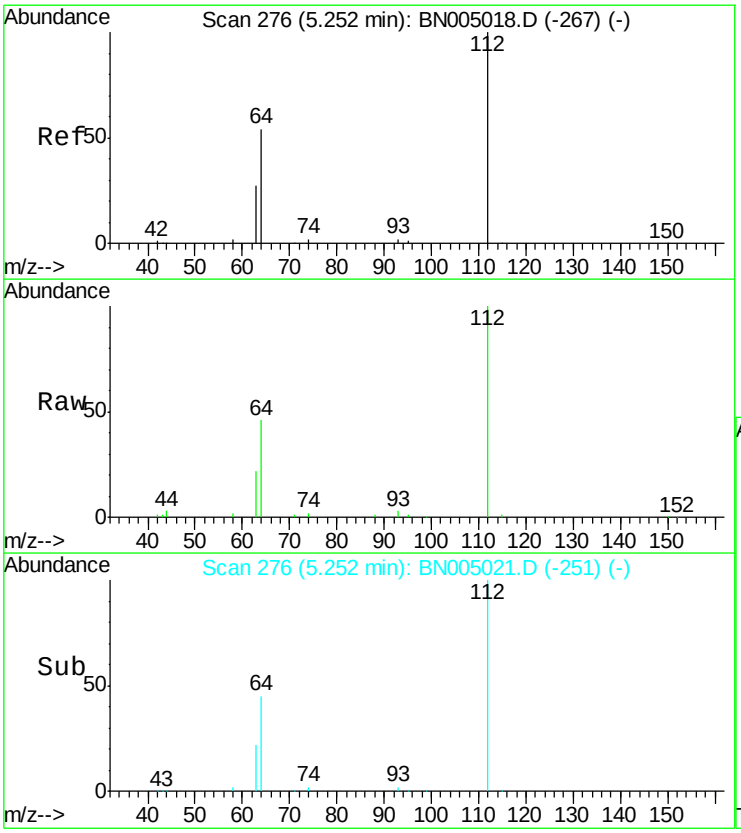
#3
n-Nitrosodimethylamine
Concen: 3.623 ng
RT: 3.51 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 6715

Ion	Ratio	Lower	Upper
42	100		
74	154.0	129.1	193.7
44	7.7	11.6	17.4#

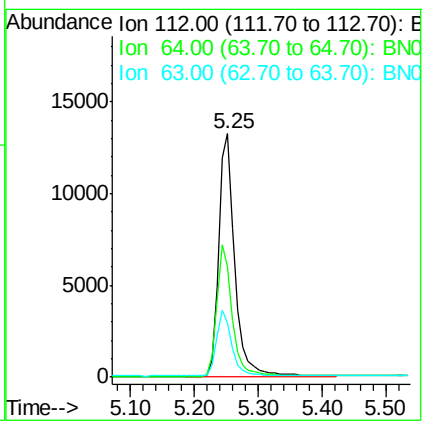


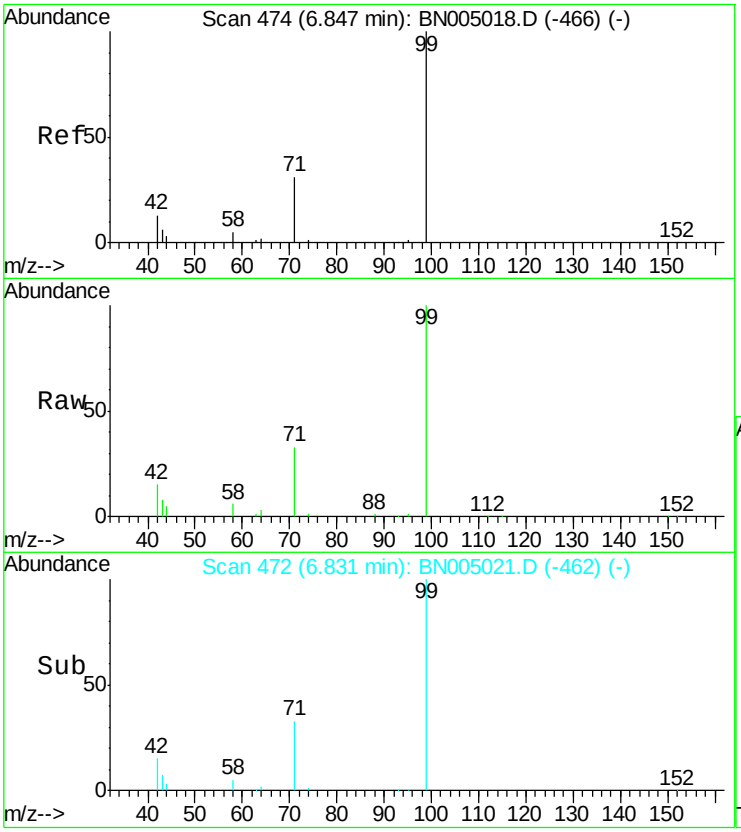


#4
2-Fluorophenol
Concen: 3.054 ng
RT: 5.25 min Scan# 276
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:112 Resp: 22891

Ion	Ratio	Lower	Upper
112	100		
64	52.6	41.9	62.9
63	26.3	21.5	32.3



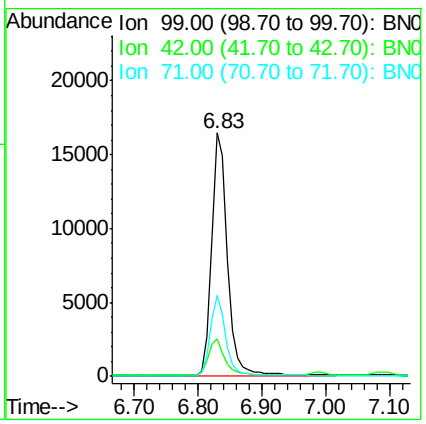


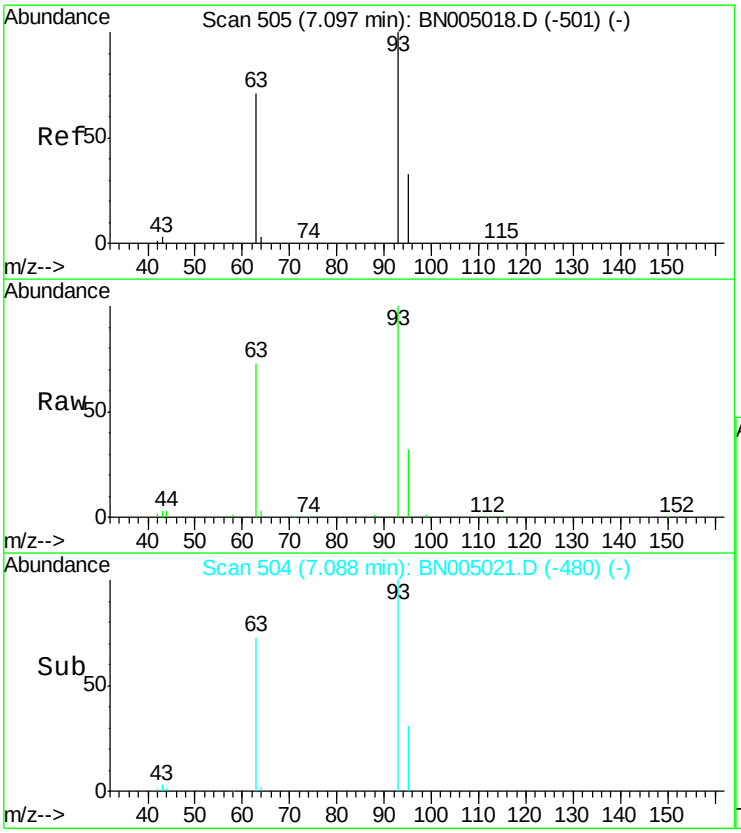
#5
Phenol-d6
Concen: 3.029 ng
RT: 6.83 min Scan# 472
Delta R.T. -0.02 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 28275

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.2	18.2
71	31.9	26.1	39.1

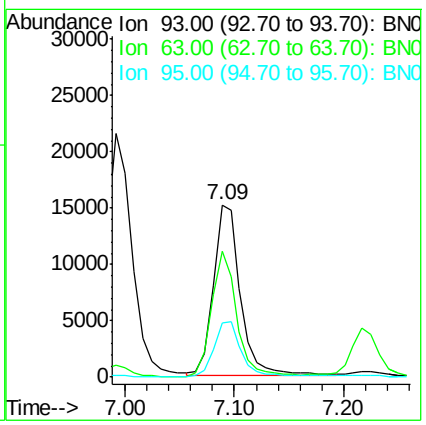


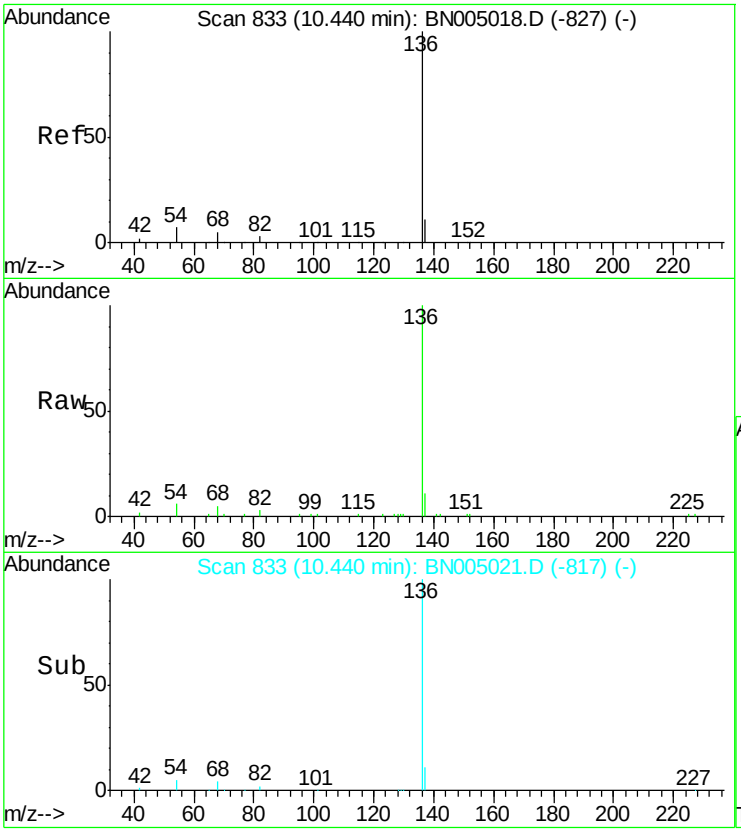


#6
bis(2-Chloroethyl)ether
Concen: 3.138 ng
RT: 7.09 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion: 93 Resp: 26425

Ion	Ratio	Lower	Upper
93	100		
63	67.2	51.8	77.6
95	31.5	24.8	37.2



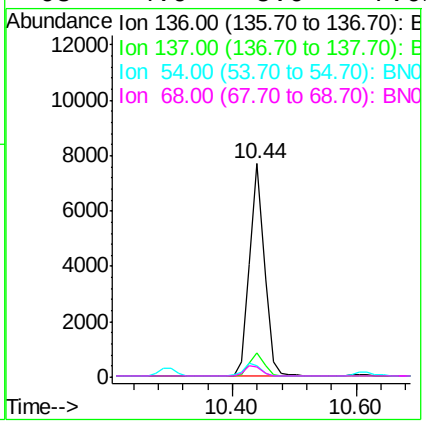


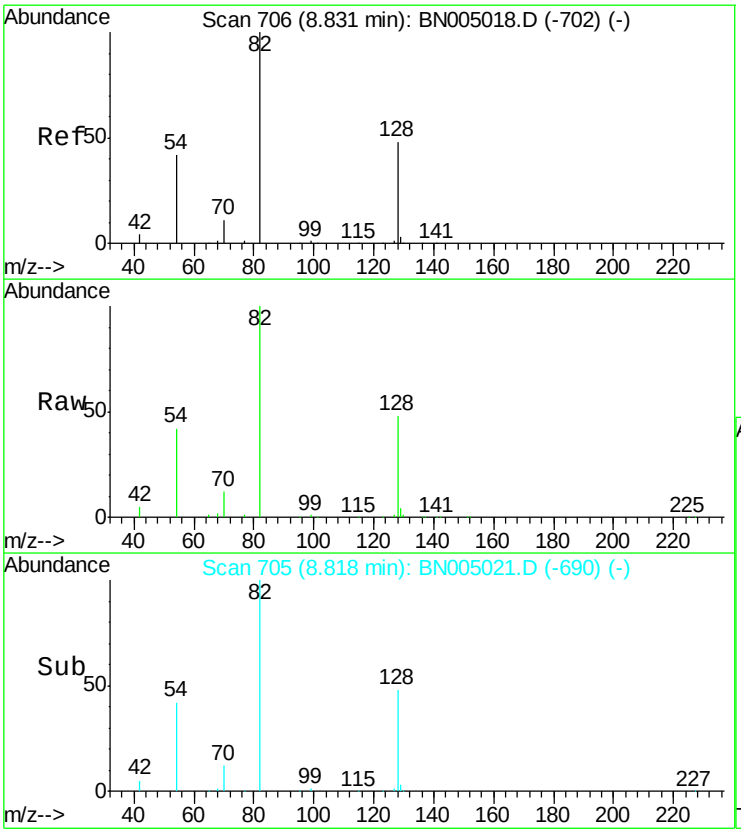
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 12448

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.6	6.0	9.0#
68	4.9	5.0	7.6#

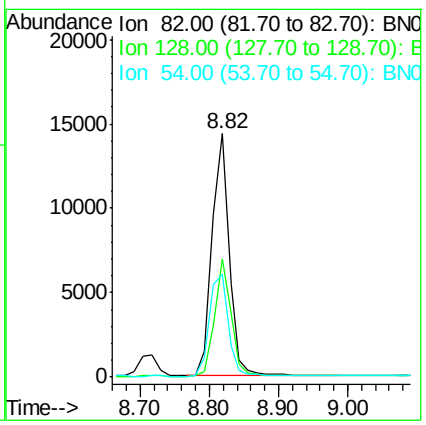


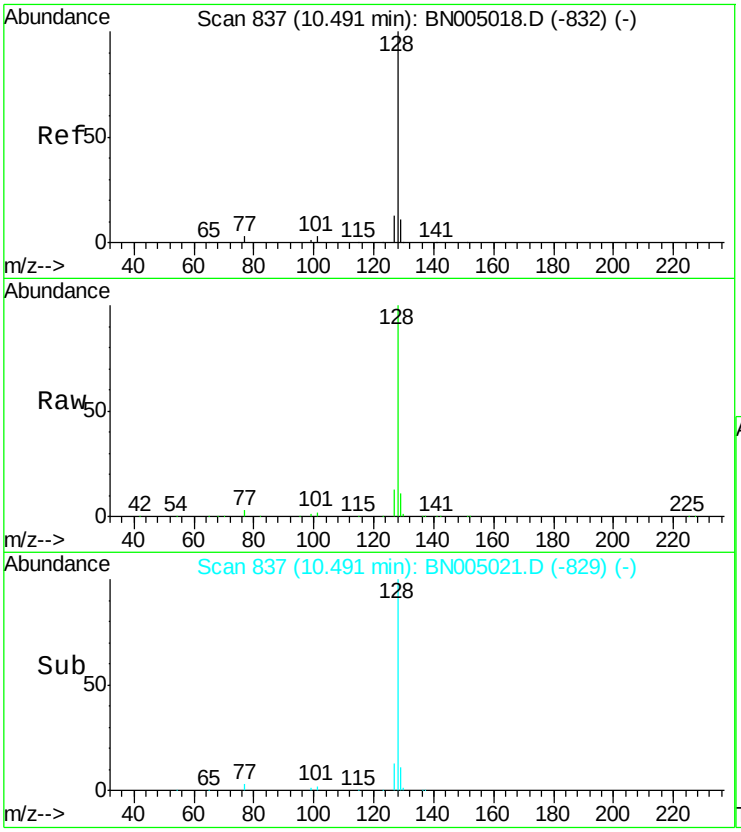


#8
Nitrobenzene-d5
Concen: 3.047 ng
RT: 8.82 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion: 82 Resp: 25091

Ion	Ratio	Lower	Upper
82	100		
128	48.5	40.5	60.7
54	42.1	35.7	53.5



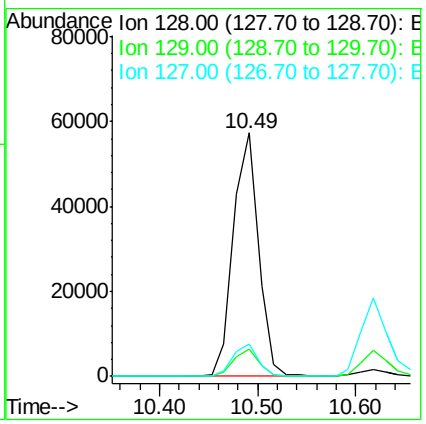


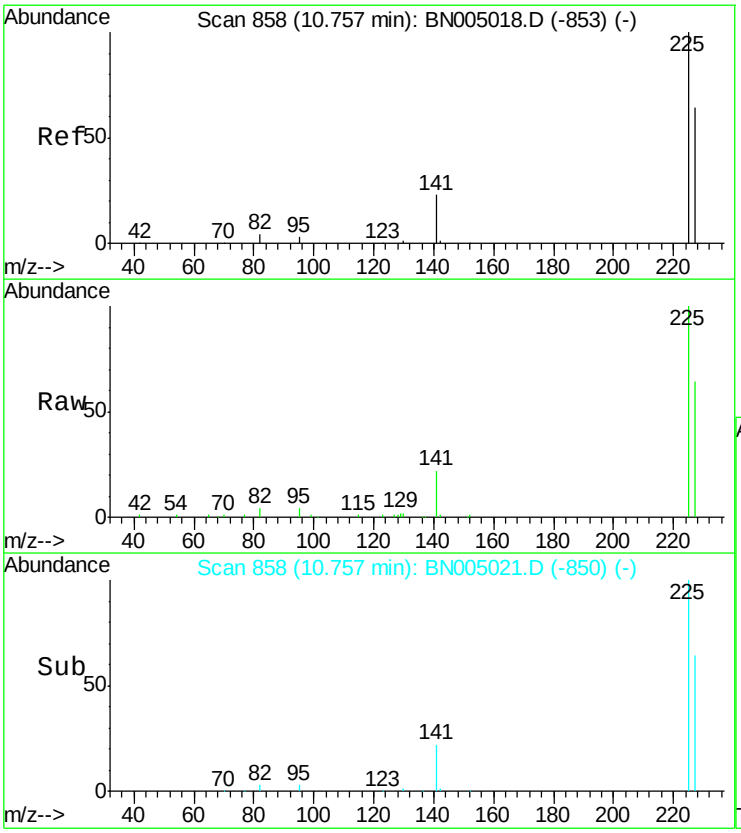
#9
Naphthalene
Concen: 2.892 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 100956

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	13.1	11.0	16.6

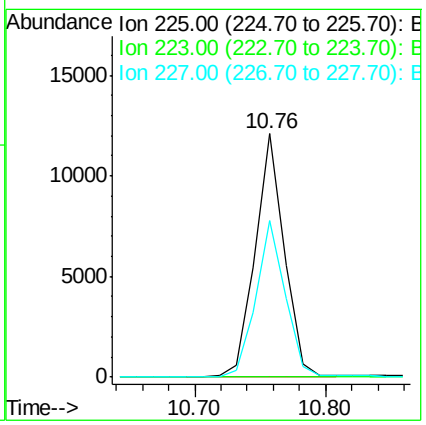


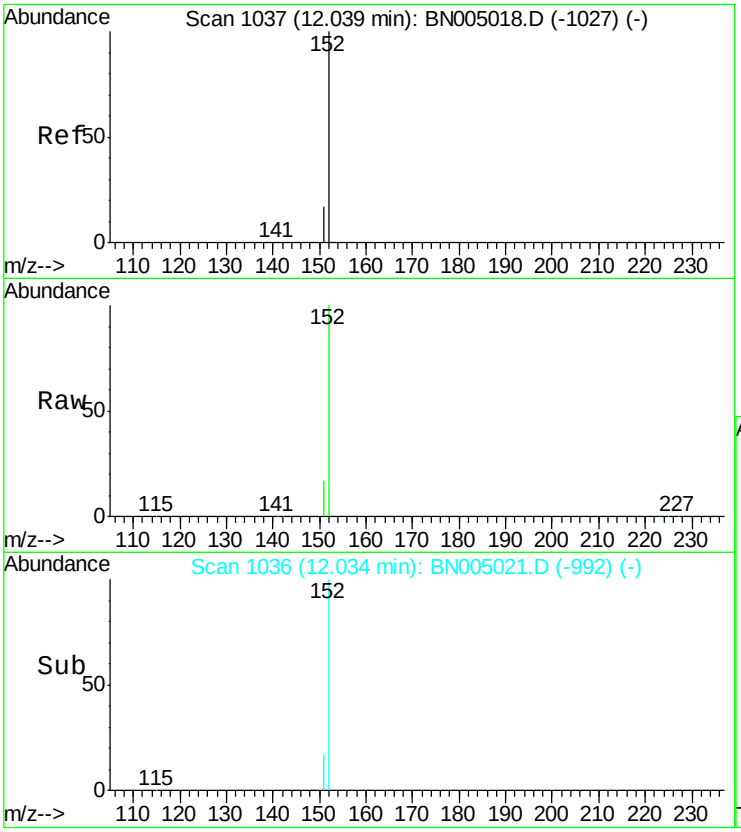


#10
Hexachlorobutadiene
Concen: 2.769 ng
RT: 10.76 min Scan# 858
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:225 Resp: 18443

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.5	77.3



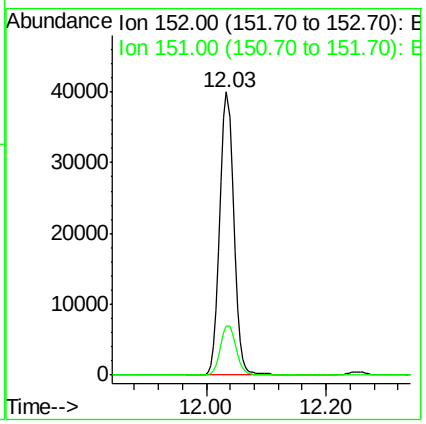


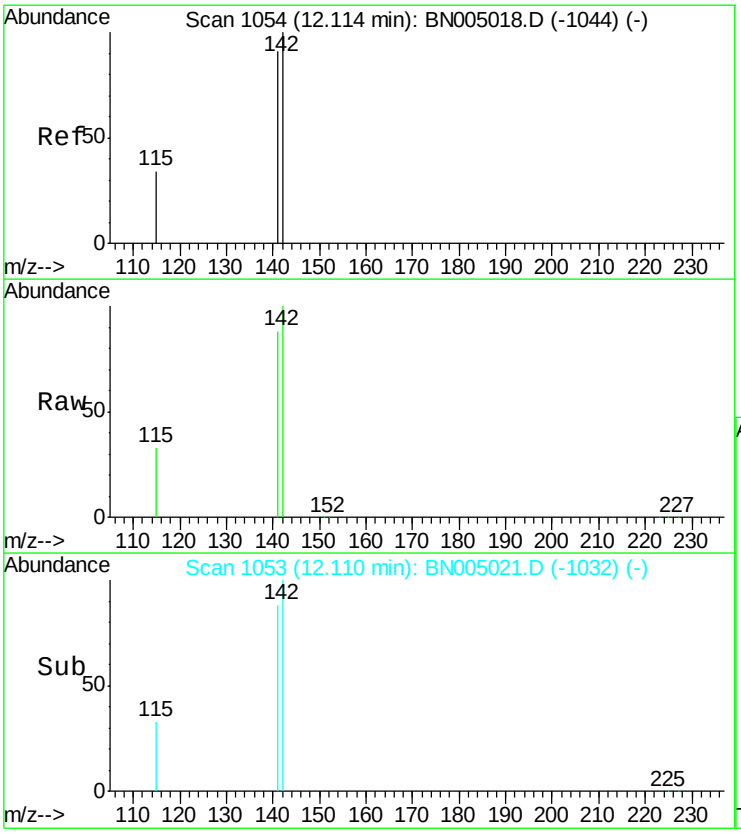
#11
2-Methylnaphthalene-d10
Concen: 2.924 ng
RT: 12.03 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 63511

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

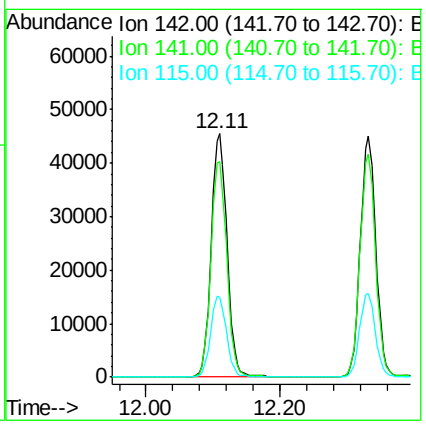


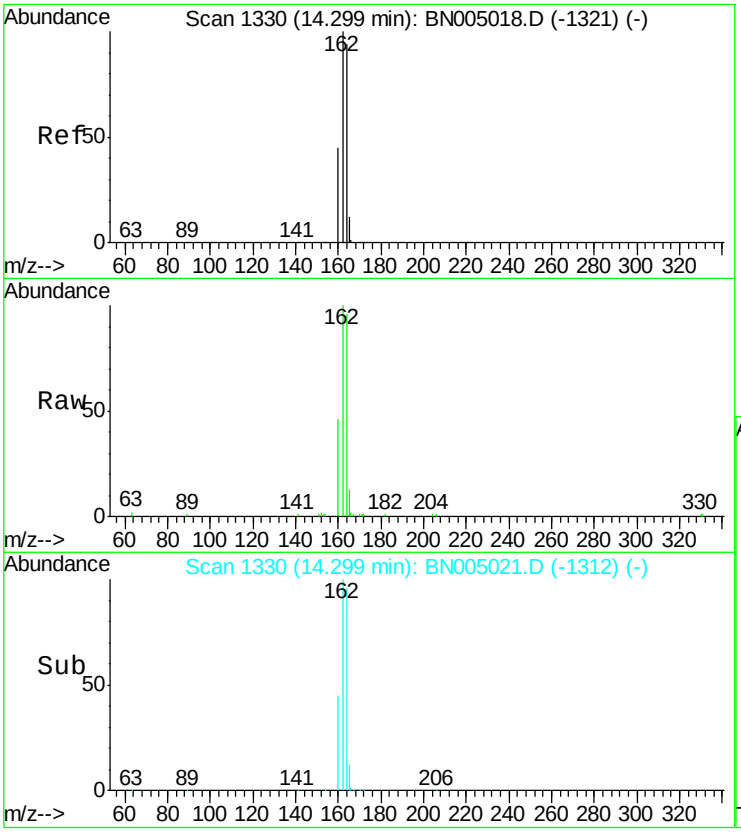


#12
2-Methylnaphthalene
Concen: 2.852 ng
RT: 12.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:142 Resp: 73963

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.6	108.8
115	33.0	27.8	41.8



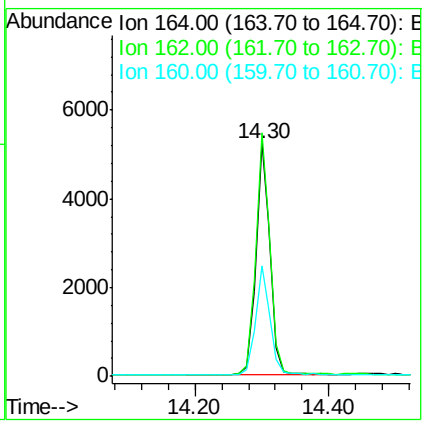


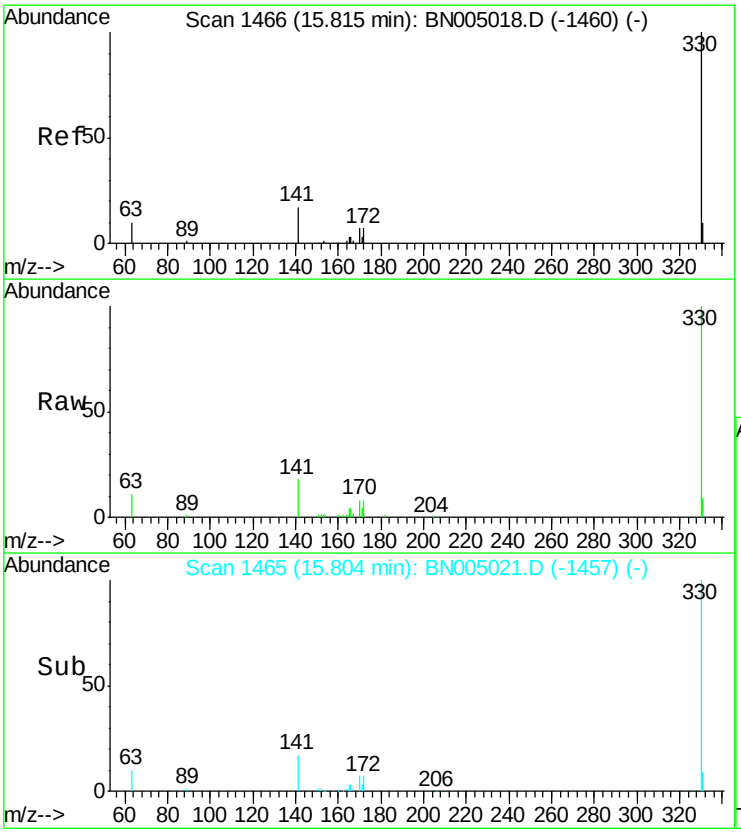
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 7619

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.3	127.9
160	47.6	39.2	58.8

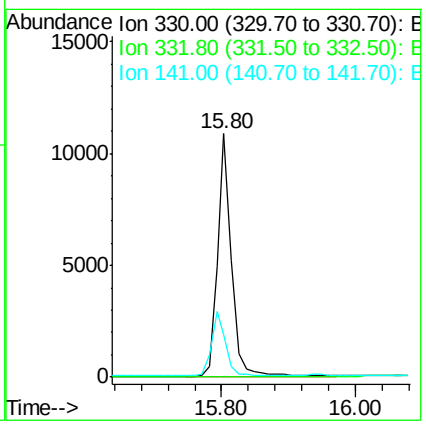


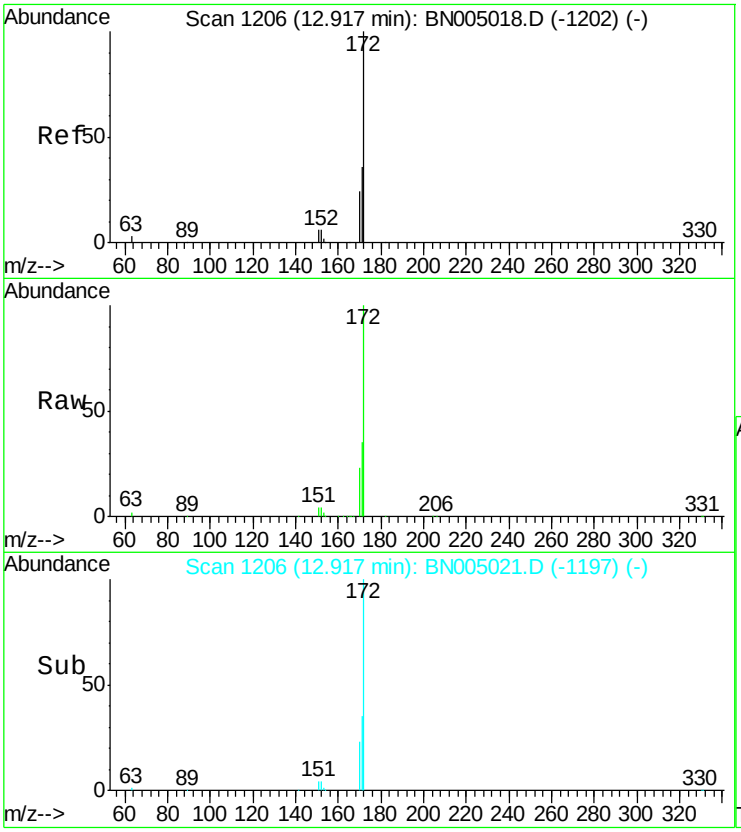


#14
2,4,6-Tribromophenol
Concen: 2.988 ng
RT: 15.80 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:330 Resp: 15724

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.5	21.3	31.9



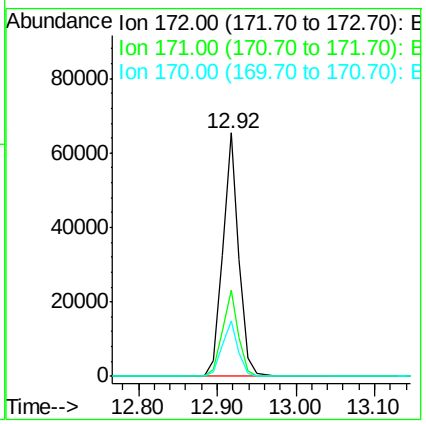


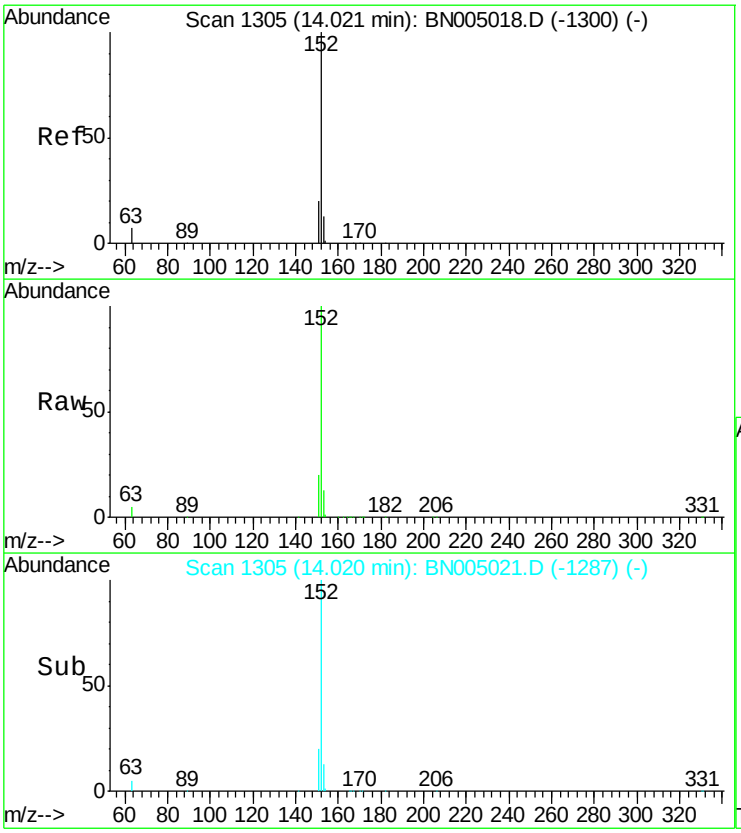
#15
2-Fluorobiphenyl
Concen: 2.960 ng
RT: 12.92 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 93204

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.0	20.0	30.0

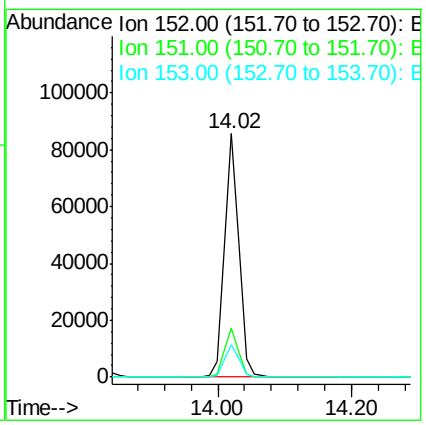


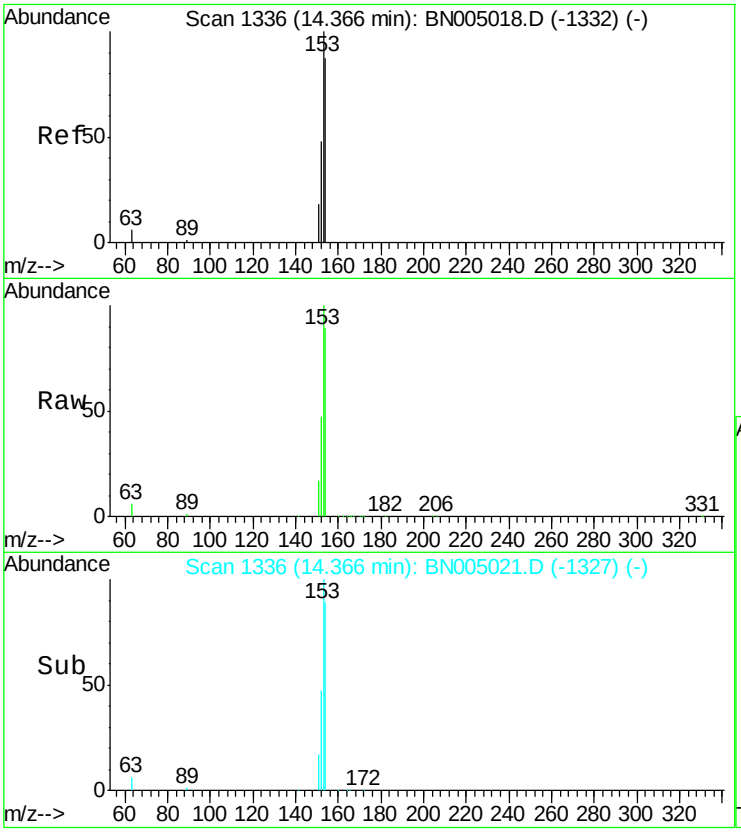


#16
Acenaphthylene
Concen: 3.232 ng
RT: 14.02 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:152 Resp: 126829

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.1	10.6	15.8



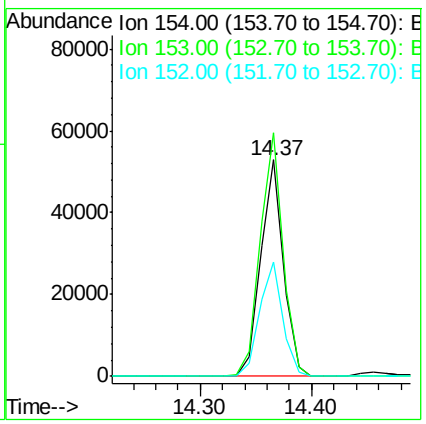


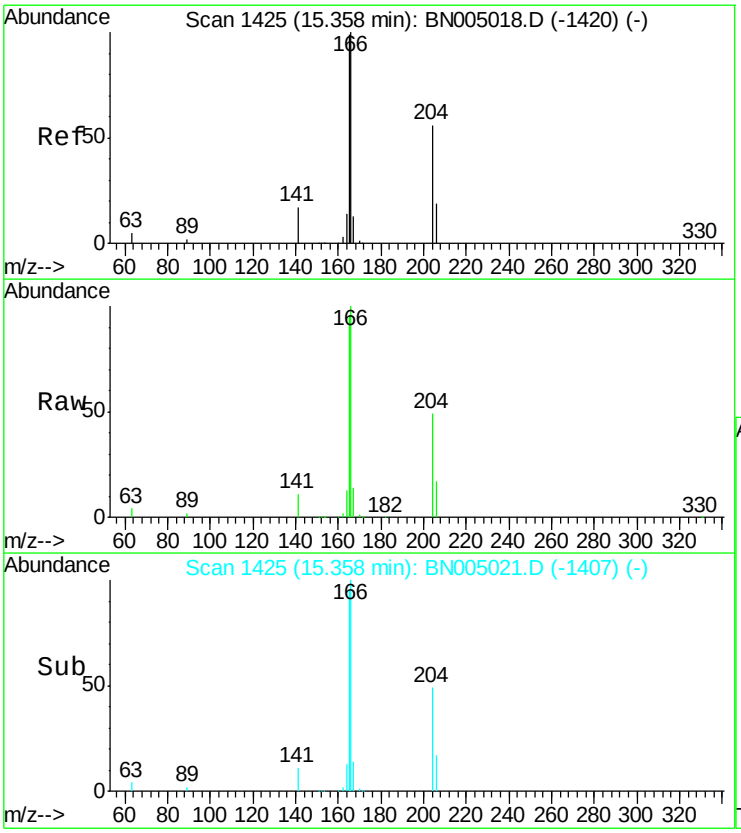
#17
Acenaphthene
Concen: 2.915 ng
RT: 14.37 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 74923

Ion	Ratio	Lower	Upper
154	100		
153	113.8	92.1	138.1
152	54.0	44.2	66.2

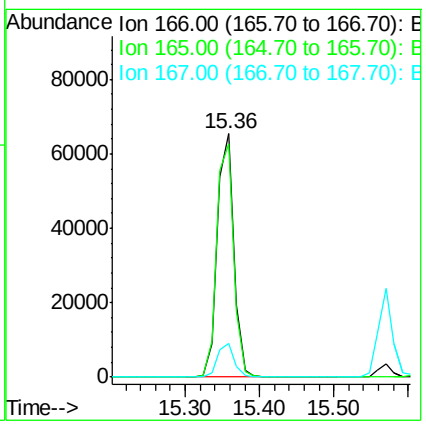


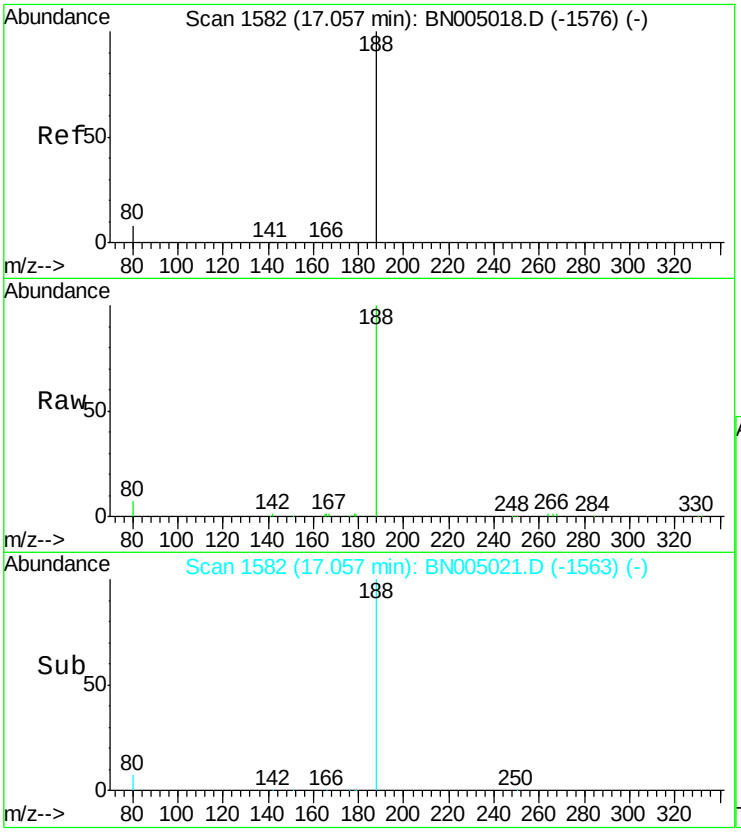


#18
Fluorene
Concen: 2.802 ng
RT: 15.36 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:166 Resp: 100522

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.7	118.1
167	13.5	10.9	16.3



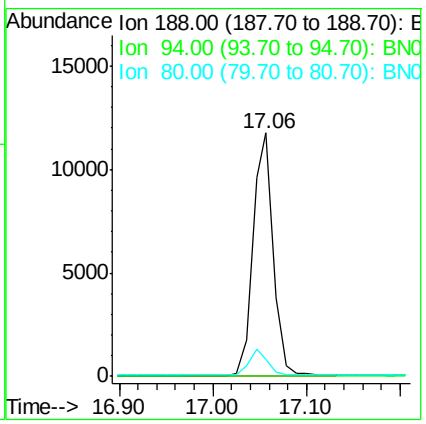


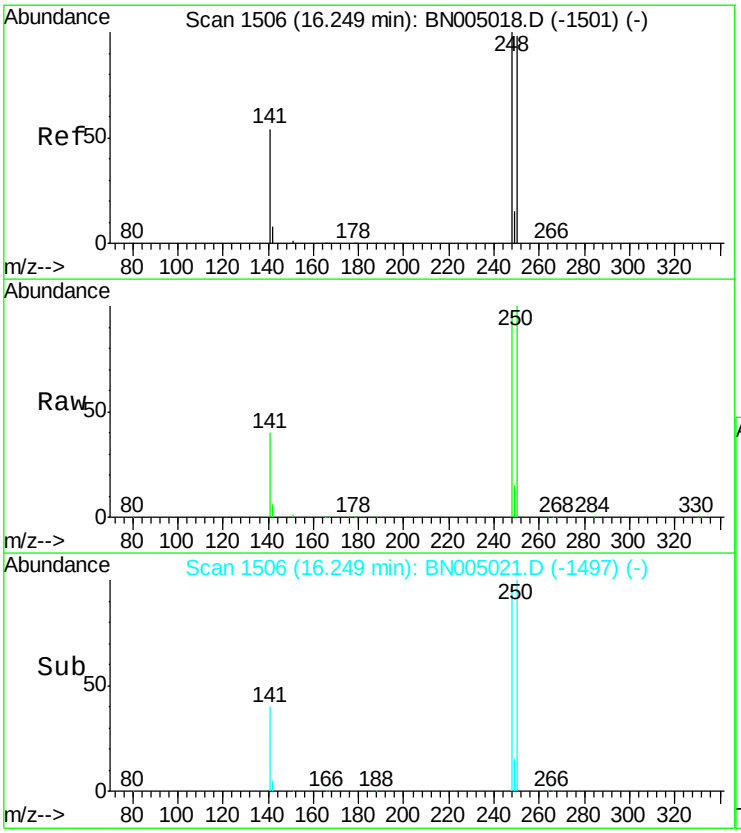
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 17590

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	6.9	10.3

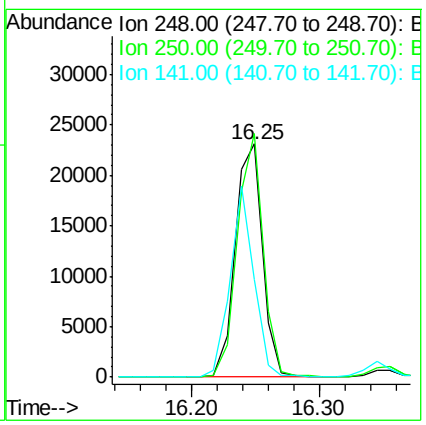


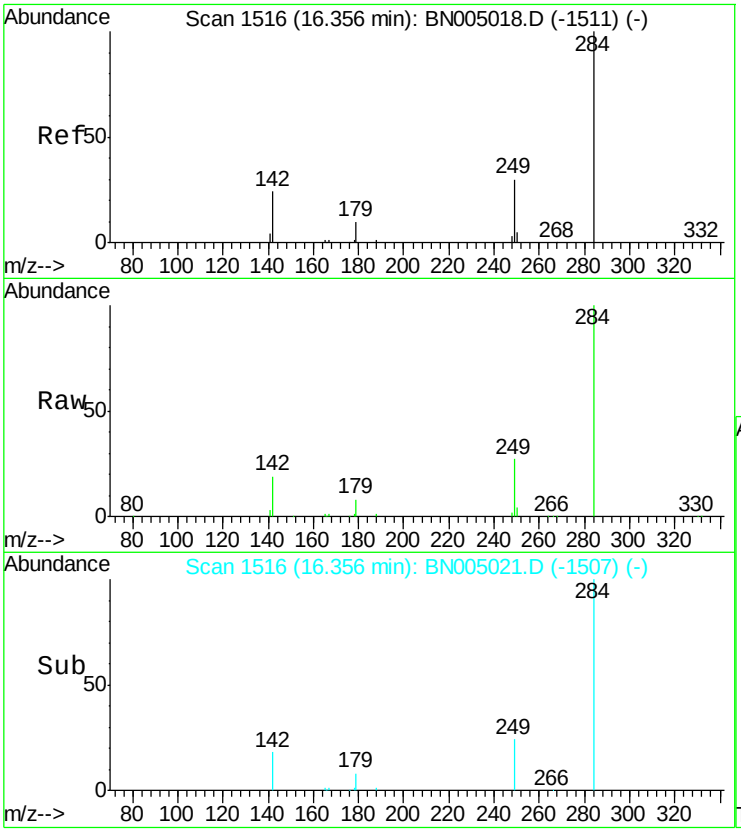


#20
4-Bromophenyl-phenylether
Concen: 2.987 ng
RT: 16.25 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:248 Resp: 34329

Ion	Ratio	Lower	Upper
248	100		
250	104.5	78.6	117.8
141	42.1	43.6	65.4#



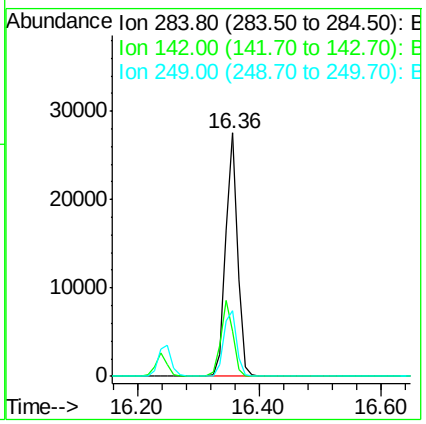


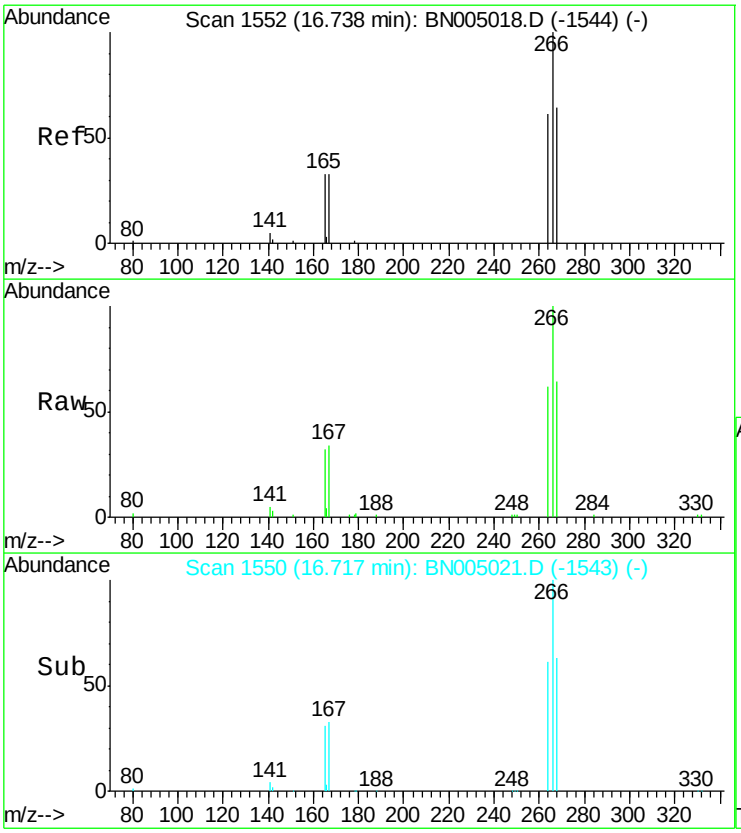
#21
Hexachlorobenzene
Concen: 2.848 ng
RT: 16.36 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 37457

Ion	Ratio	Lower	Upper
284	100		
142	31.1	24.9	37.3
249	29.3	23.8	35.6

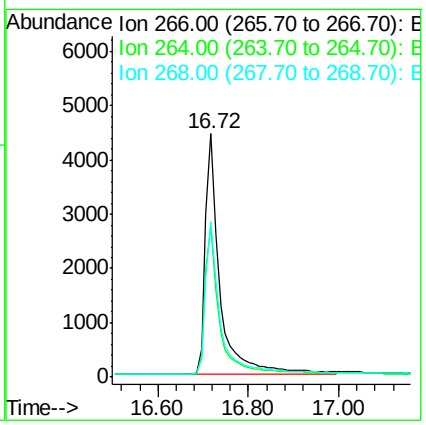


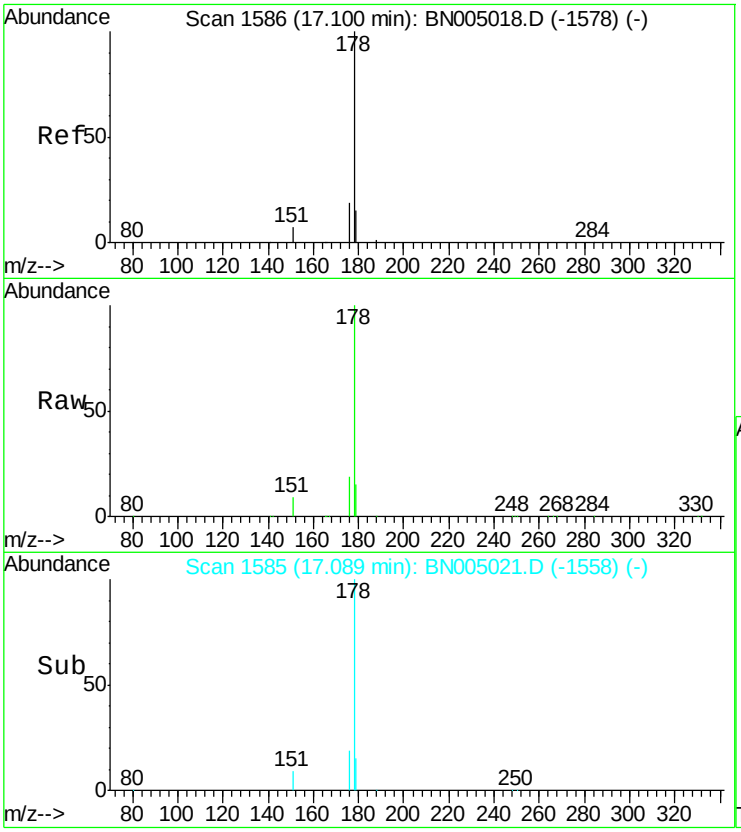


#22
Pentachlorophenol
Concen: 3.884 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:266 Resp: 9990

Ion	Ratio	Lower	Upper
266	100		
264	61.7	53.4	80.0
268	63.9	58.9	88.3



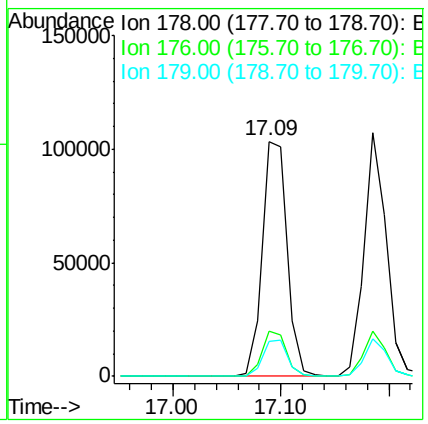


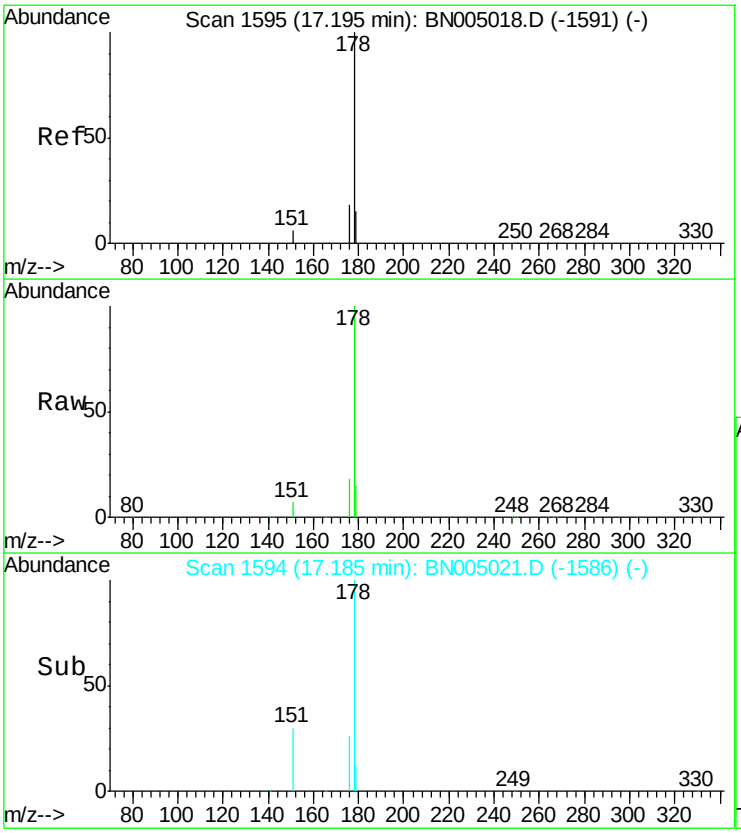
#23
Phenanthrene
Concen: 2.908 ng
RT: 17.09 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 165153

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.3	12.2	18.2

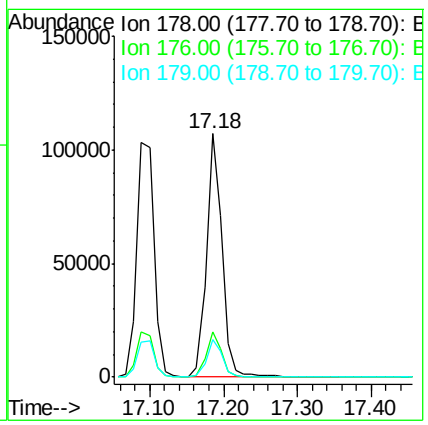


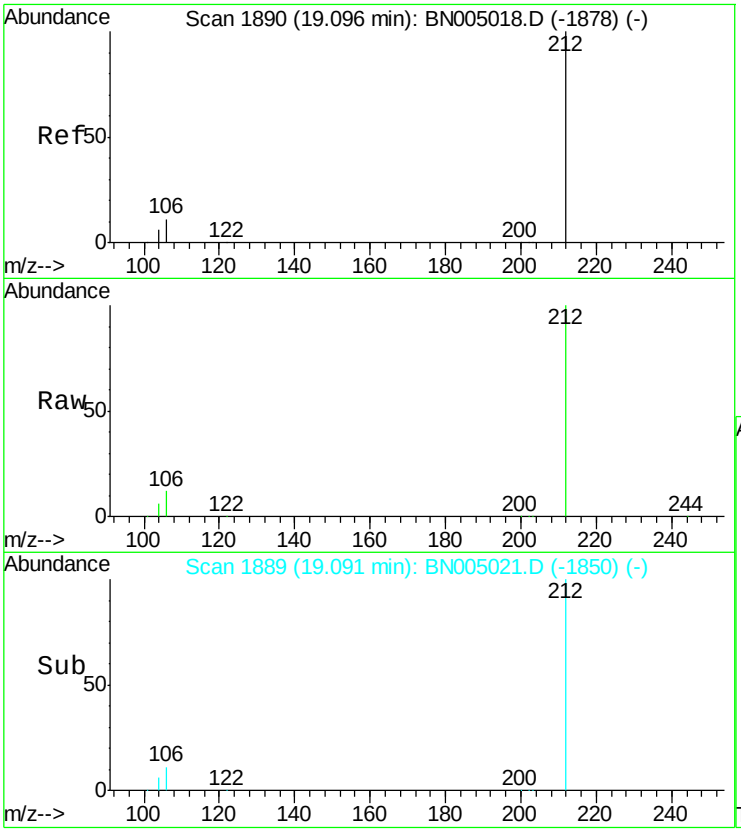


#24
Anthracene
Concen: 3.064 ng
RT: 17.18 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:178 Resp: 155440

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.3	12.3	18.5



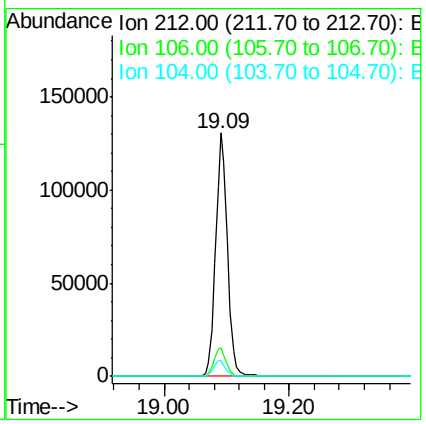


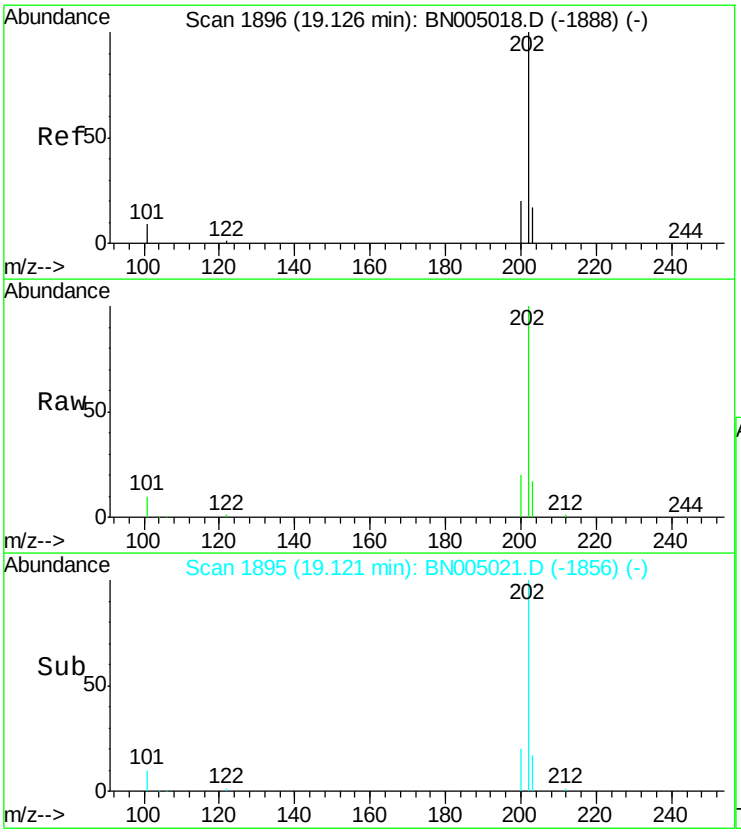
#25
Fluoranthene-d10
Concen: 2.924 ng
RT: 19.09 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 172230

Ion	Ratio	Lower	Upper
212	100		
106	11.9	9.4	14.2
104	6.6	5.4	8.0

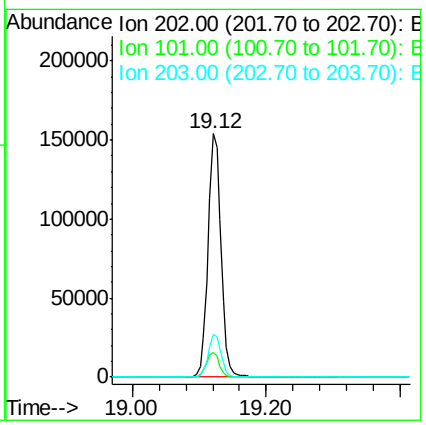


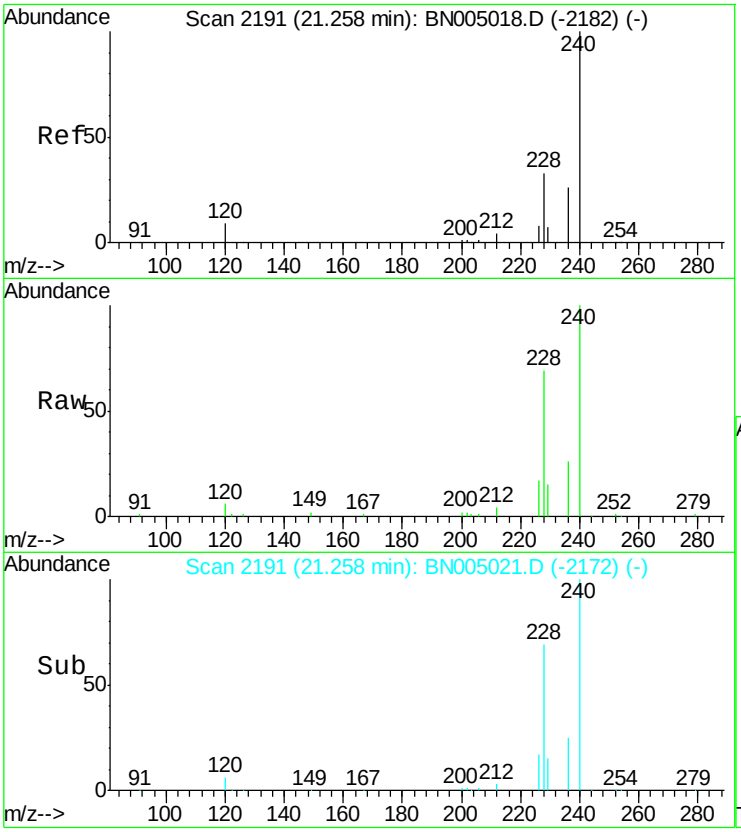


#26
Fluoranthene
Concen: 2.802 ng
RT: 19.12 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:202 Resp: 204513

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.2	12.2
203	17.4	13.8	20.8



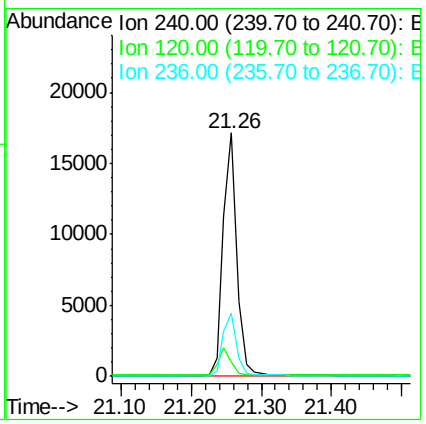


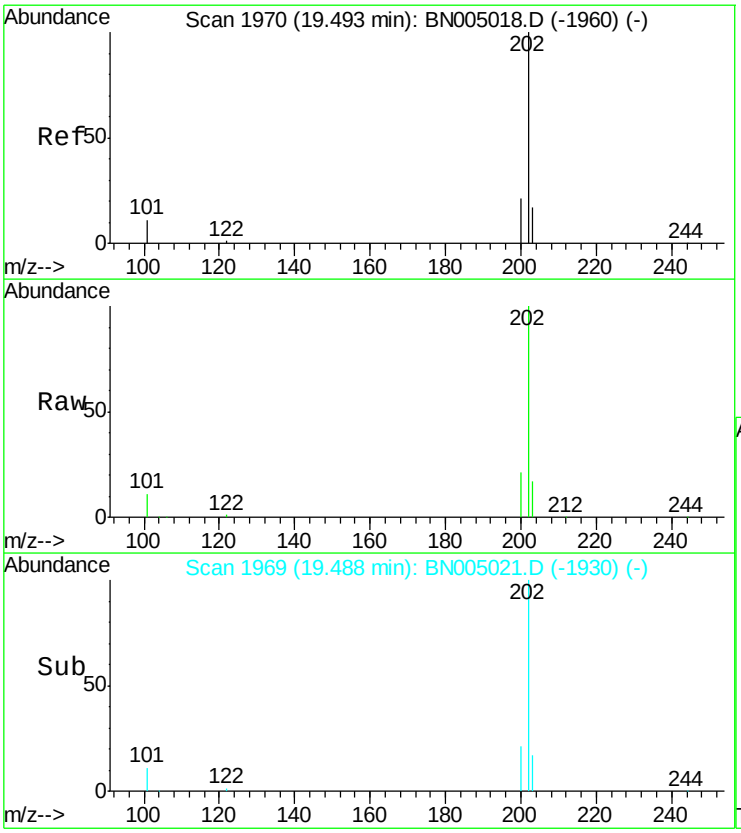
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 23030

Ion	Ratio	Lower	Upper
240	100		
120	6.1	7.4	11.0#
236	25.7	21.0	31.6

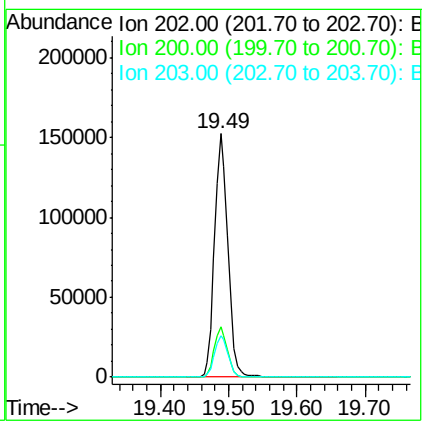


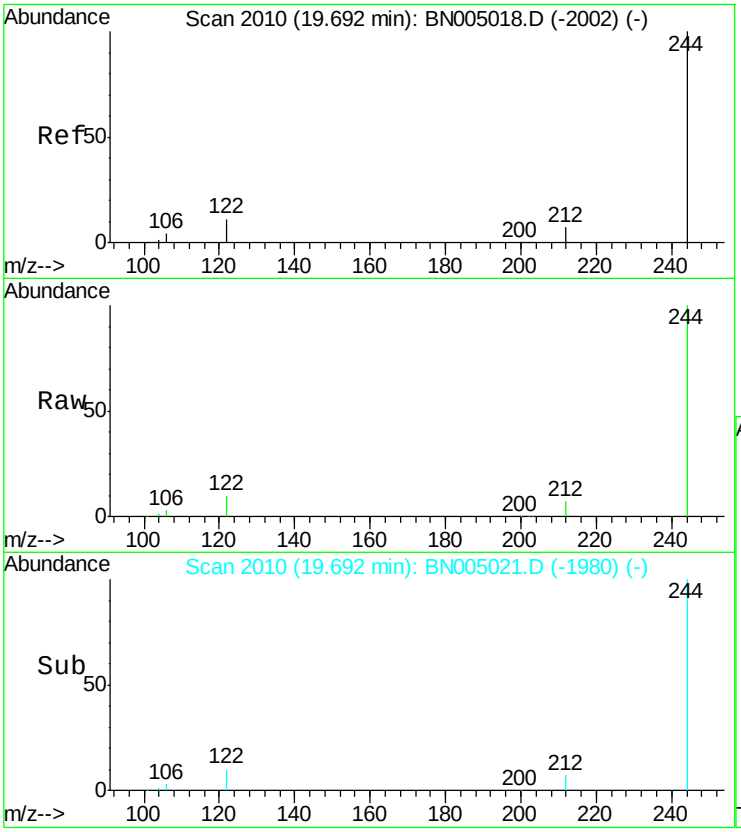


#28
Pyrene
Concen: 2.935 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:202 Resp: 206080

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	13.9	20.9



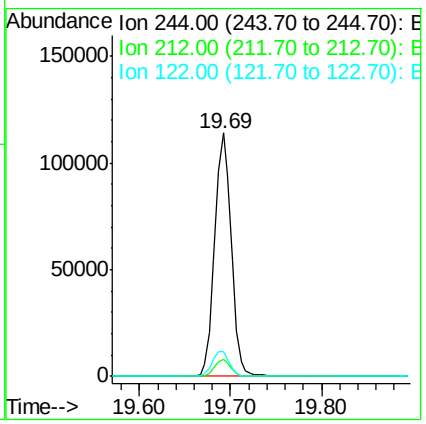


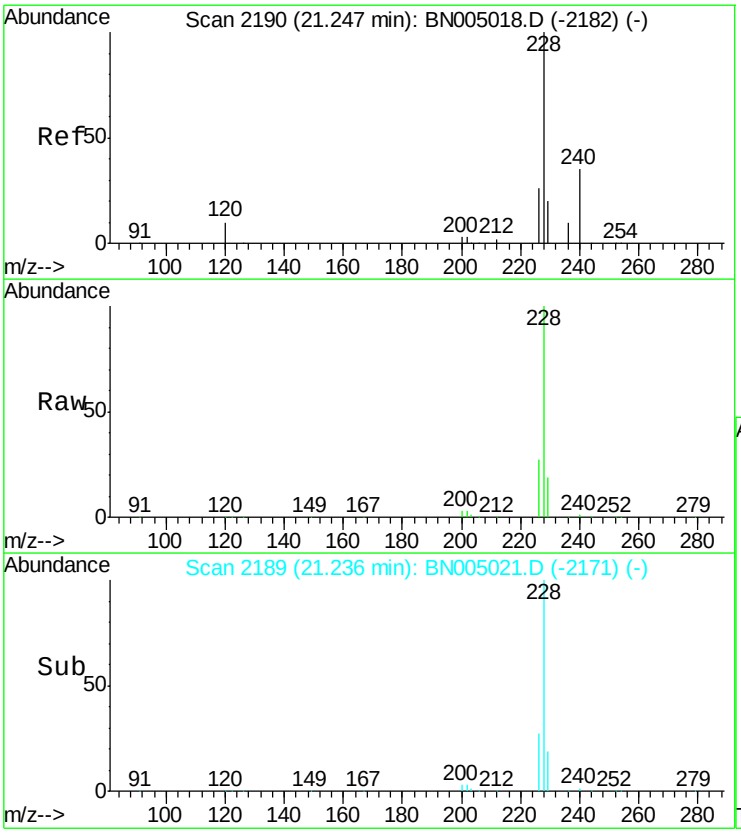
#29
Terphenyl-d14
Concen: 3.011 ng
RT: 19.69 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 141886

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	9.9	9.0	13.4

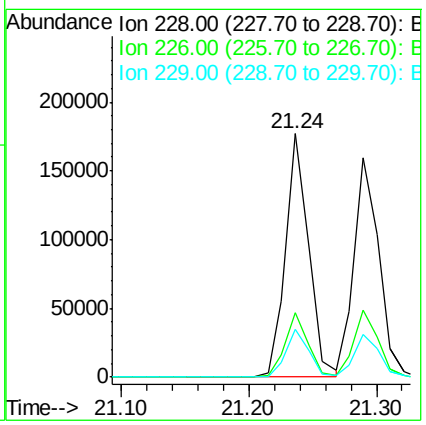


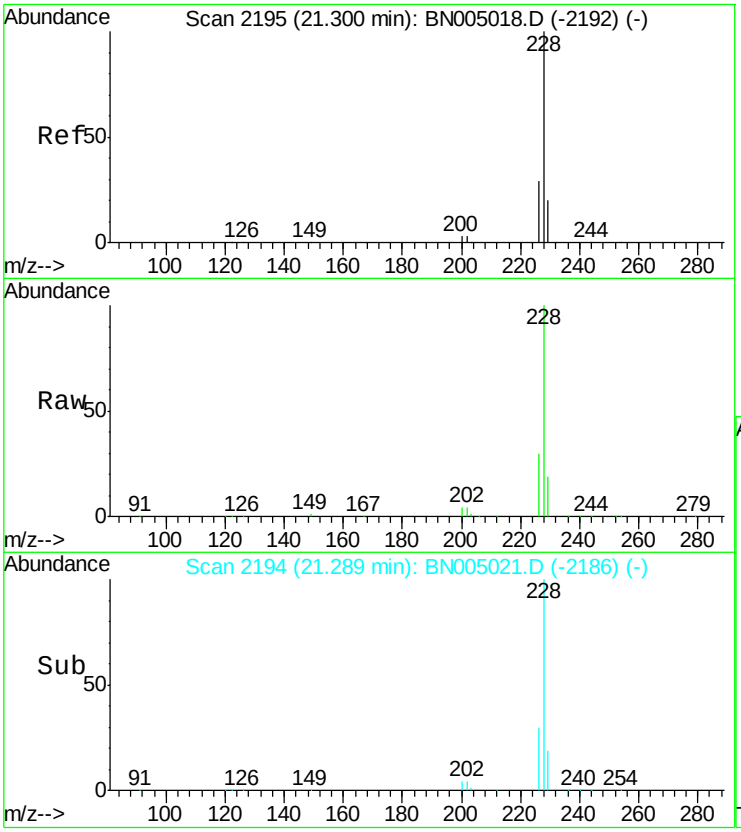


#30
Benzo(a)anthracene
Concen: 2.907 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:228 Resp: 219565

Ion	Ratio	Lower	Upper
228	100		
226	26.7	20.9	31.3
229	19.4	16.2	24.2



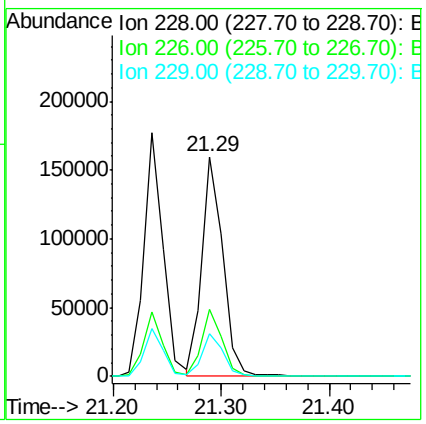


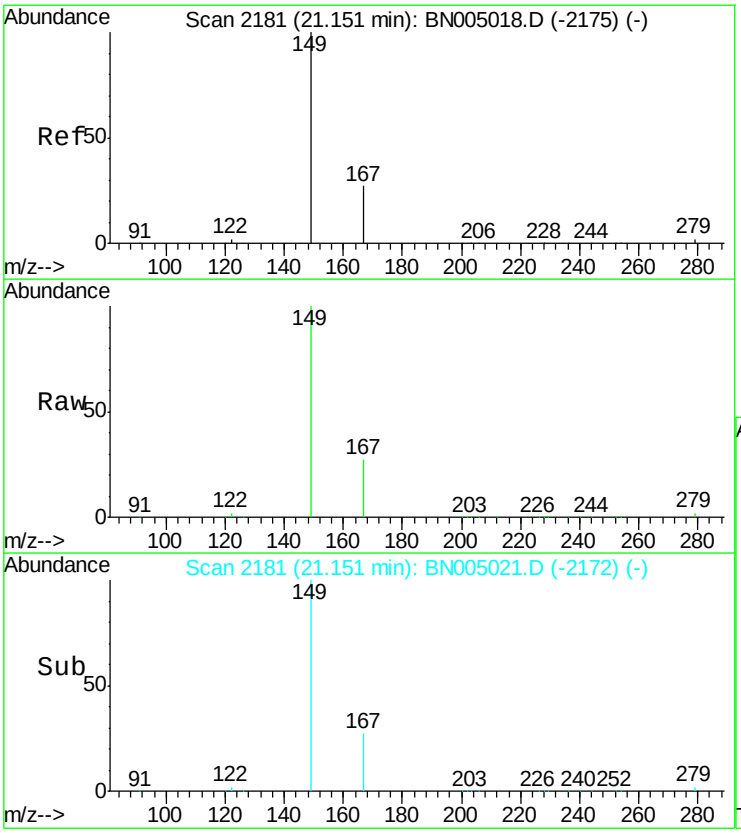
#31
Chrysene
Concen: 2.693 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 214212

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.8	34.2
229	19.2	16.2	24.4

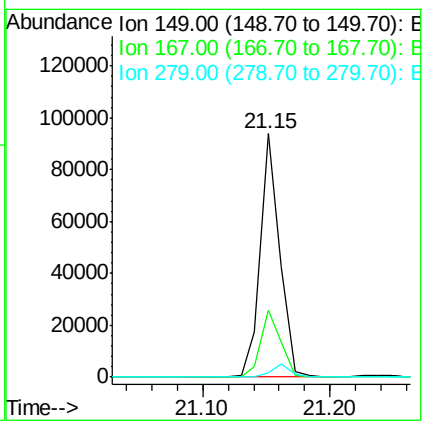


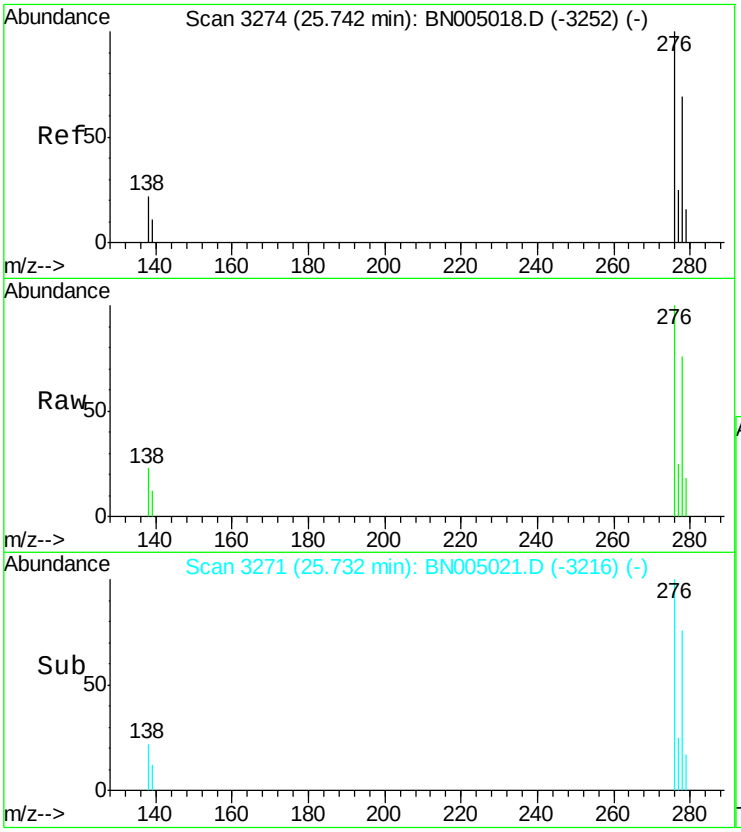


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.298 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:149 Resp: 99509

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.4
279	5.2	4.2	6.4



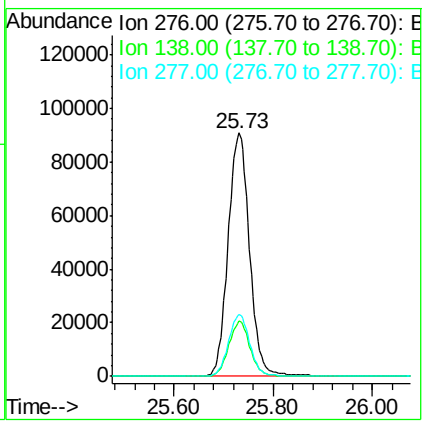


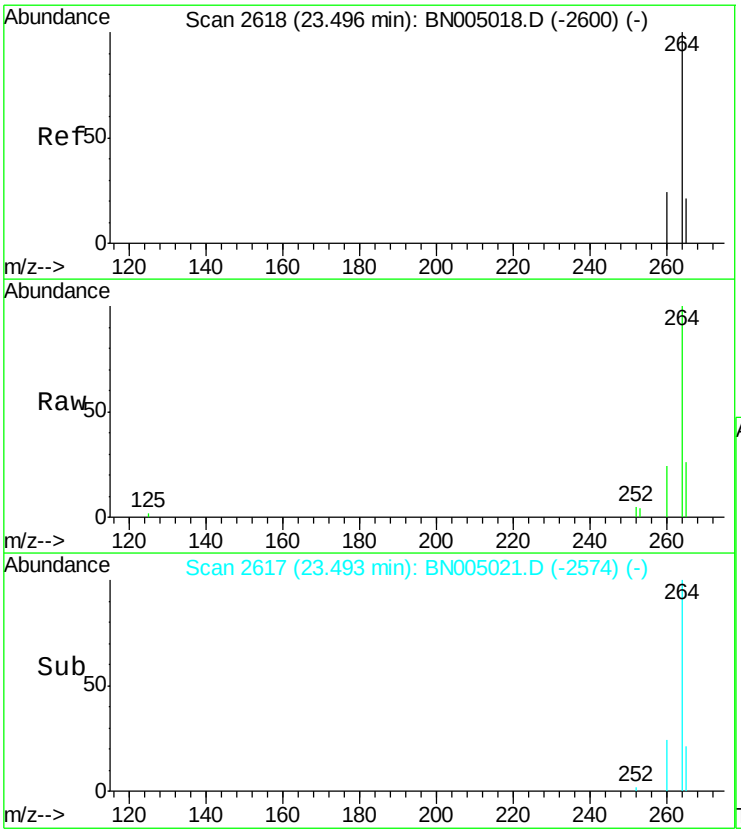
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.349 ng
RT: 25.73 min Scan# 3271
Delta R.T. -0.01 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 270407

Ion	Ratio	Lower	Upper
276	100		
138	22.5	18.2	27.2
277	25.4	20.3	30.5

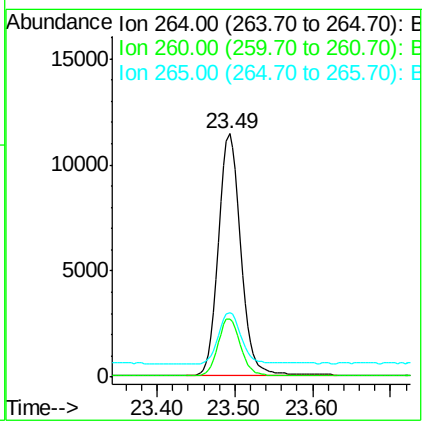


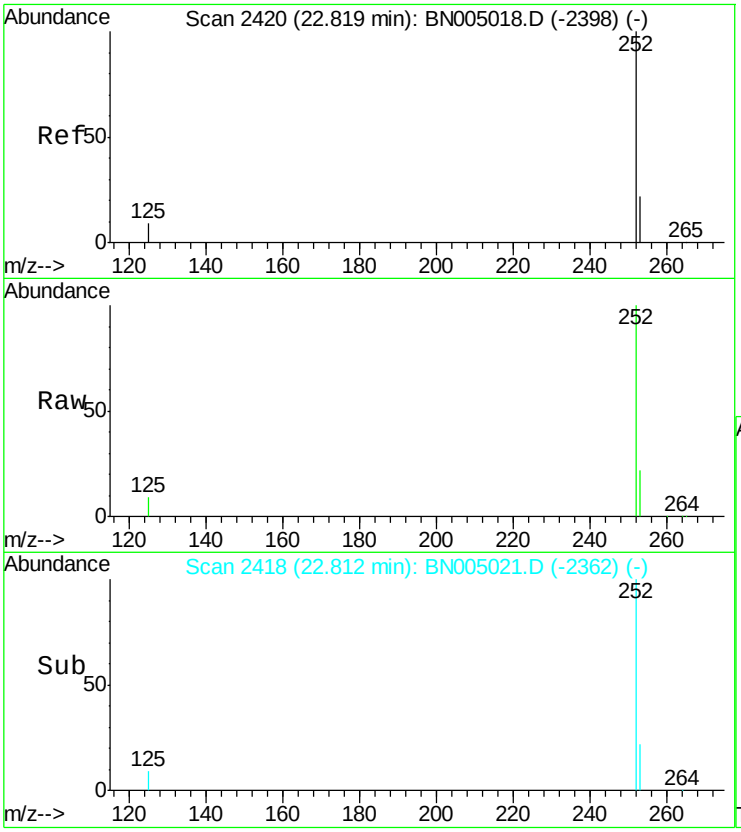


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2617
Delta R.T. -0.00 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:264 Resp: 22644

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	26.4	22.5	33.7



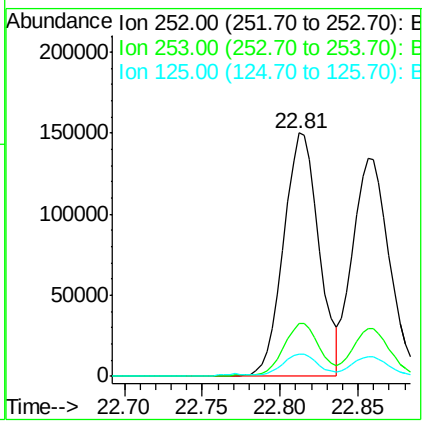


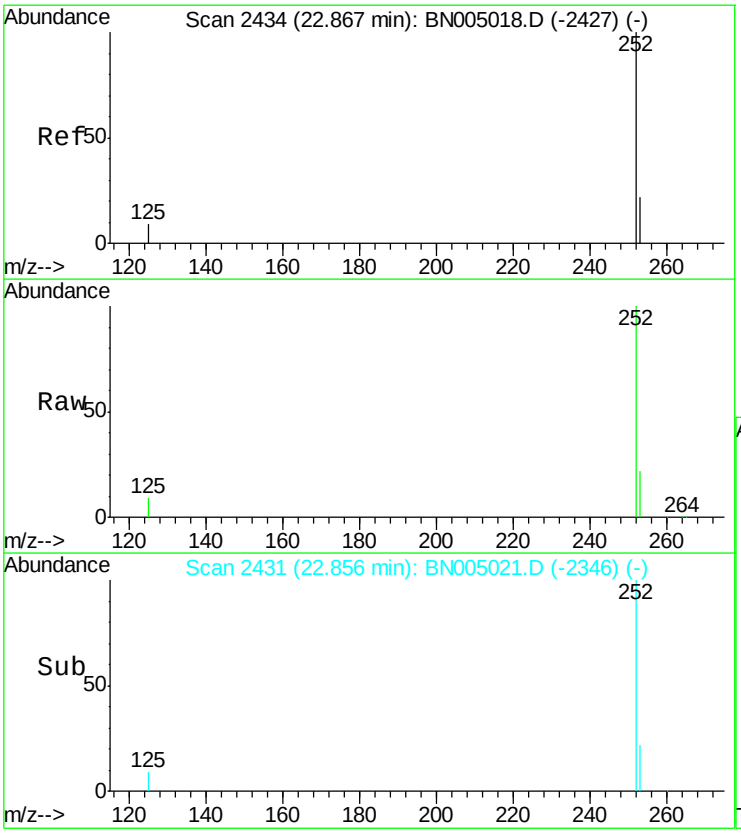
#35
Benzo(b)fluoranthene
Concen: 2.905 ng
RT: 22.81 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 237945

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.2	28.8
125	9.2	8.2	12.2

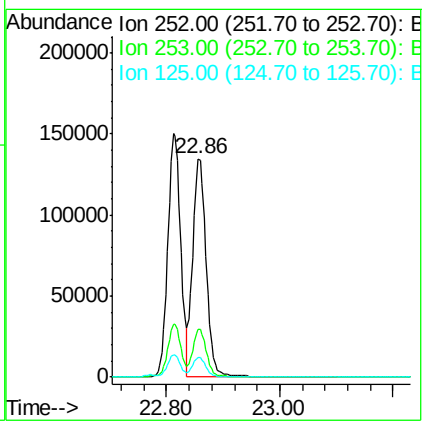


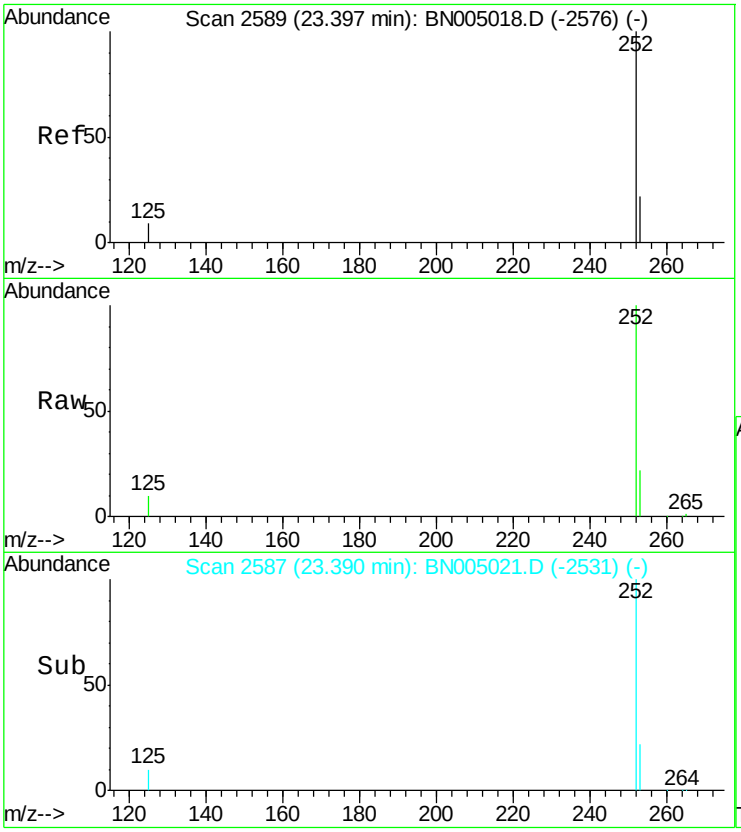


#36
Benzo(k)fluoranthene
Concen: 2.783 ng
RT: 22.86 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:252 Resp: 224306

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.3	28.9
125	9.1	8.2	12.2



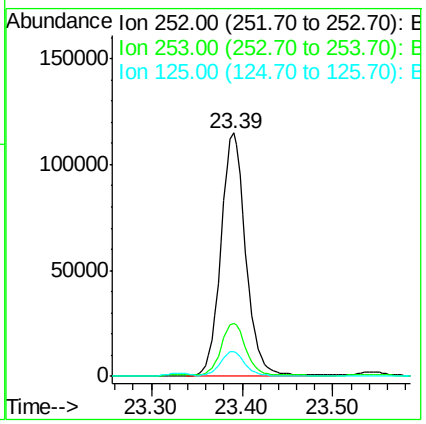


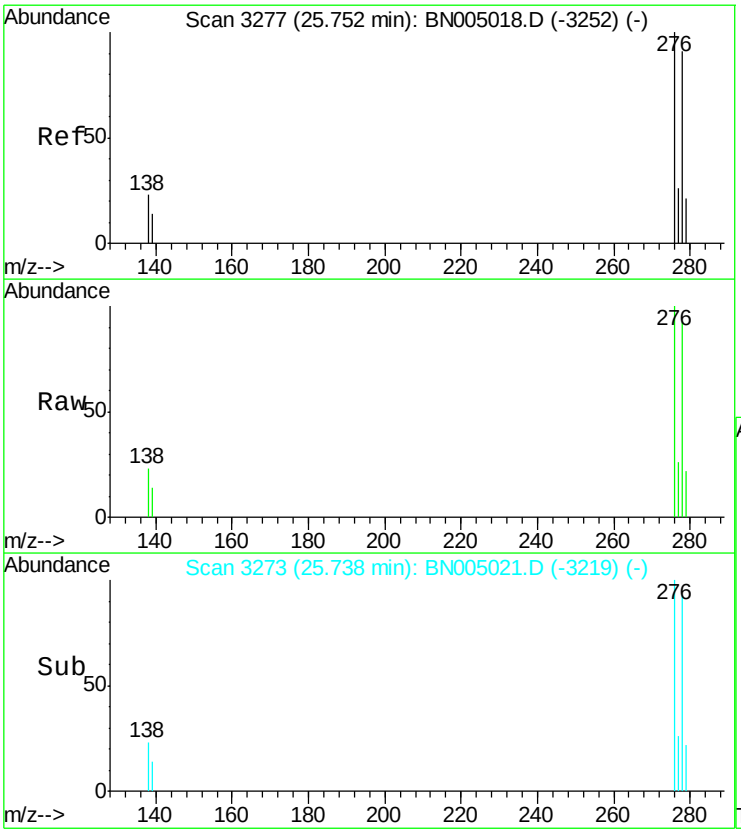
#37
Benzo(a)pyrene
Concen: 2.870 ng
RT: 23.39 min Scan# 2587
Delta R.T. -0.01 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 215648

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.2	30.2
125	10.1	9.2	13.8

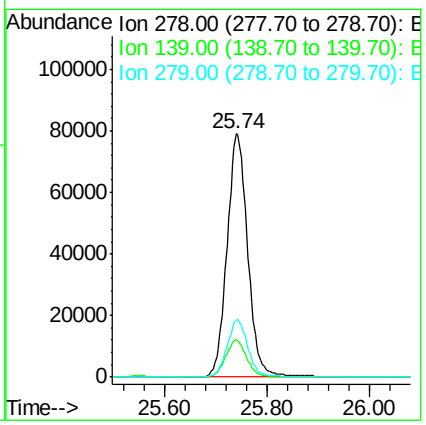


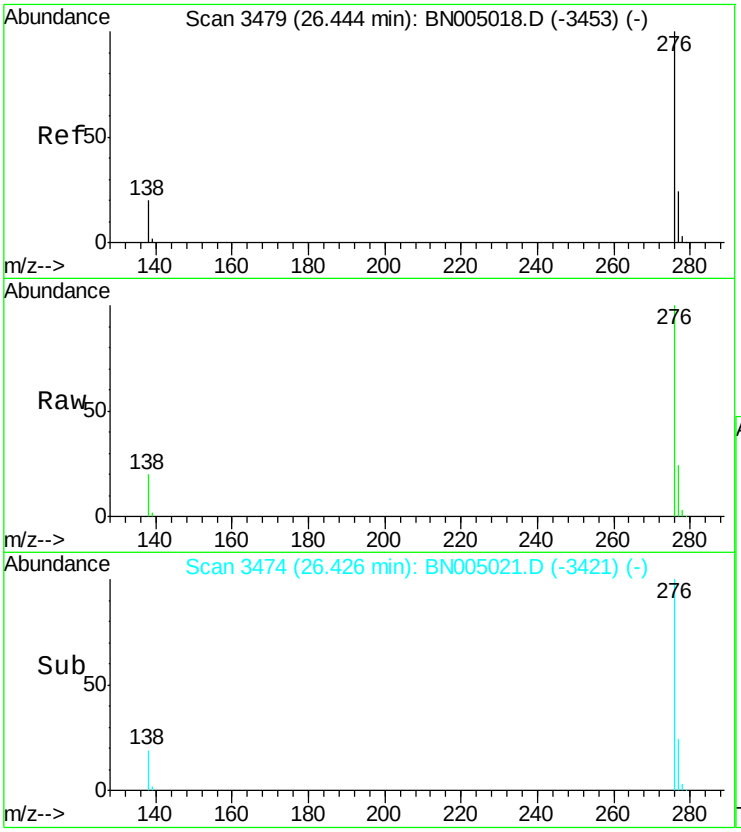


#38
Dibenzo(a,h)anthracene
Concen: 2.536 ng
RT: 25.74 min Scan# 3273
Delta R.T. -0.01 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Tgt Ion:278 Resp: 220752

Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.1	19.7
279	23.5	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 2.470 ng
RT: 26.43 min Scan# 3474
Delta R.T. -0.02 min
Lab File: BN005021.D
Acq: 28 Mar 2019 20:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 219034

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.6
138	19.5	16.4	24.6