Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
Data File : BN004952.D
Acq On : 24 Mar 2019 22:53
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 24 23:44:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3588	0.40	ng		-0.02
7) Naphthalene-d8	10.47	136	15149	0.40	ng		-0.03
13) Acenaphthene-d10	14.32	164	7987	0.40	ng		-0.02
19) Phenanthrene-d10	17.08	188	16754	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	17357	0.40	ng		-0.01
34) Perylene-d12	23.53	264	18166	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	4723	0.48	ng		0.00
5) Phenol-d6	6.87	99	5945	0.49	ng		0.00
8) Nitrobenzene-d5	8.84	82	5003	0.50	ng		-0.03
11) 2-Methylnaphthalene-d10	12.06	152	10520	0.40	ng		-0.02
14) 2,4,6-Tribromophenol	15.84	330	2195	0.40	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	15605	0.47	ng		-0.02
25) Fluoranthene-d10	19.12	212	20679	0.37	ng		-0.02
29) Terphenyl-d14	19.71	244	18081	0.51	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1737	0.426	ng		98
3) n-Nitrosodimethylamine	3.55	42	1176	0.488	ng		98
6) bis(2-Chloroethyl)ether	7.12	93	4935	0.450	ng		98
9) Naphthalene	10.52	128	18511	0.436	ng		98
10) Hexachlorobutadiene	10.78	225	3340	0.412	ng	#	99
12) 2-Methylnaphthalene	12.14	142	12725	0.403	ng		100
16) Acenaphthylene	14.04	152	20086	0.488	ng		100
17) Acenaphthene	14.39	154	11865	0.440	ng		99
18) Fluorene	15.38	166	15218	0.405	ng		98
20) 4-Bromophenyl-phenylether	16.27	248	5009	0.458	ng	#	90
21) Hexachlorobenzene	16.38	284	5174	0.413	ng		94
22) Pentachlorophenol	16.75	266	1144	0.467	ng		98
23) Phenanthrene	17.12	178	22437	0.415	ng		99
24) Anthracene	17.22	178	21457	0.444	ng		99
26) Fluoranthene	19.15	202	25243	0.363	ng		98
28) Pyrene	19.51	202	25482	0.481	ng		99
30) Benzo(a)anthracene	21.26	228	25713	0.452	ng		95
31) Chrysene	21.31	228	24312	0.406	ng		95
32) Bis(2-ethylhexyl)phthalate	21.17	149	17850	0.785	ng		100
33) Indeno(1,2,3-cd)pyrene	25.79	276	32217	0.371	ng		97
35) Benzo(b)fluoranthene	22.85	252	27464	0.418	ng	#	90
36) Benzo(k)fluoranthene	22.89	252	25480	0.394	ng	#	89
37) Benzo(a)pyrene	23.43	252	24362	0.404	ng	#	89
38) Dibenzo(a,h)anthracene	25.80	278	26268	0.376	ng	#	91
39) Benzo(g,h,i)perylene	26.49	276	26786	0.377	ng	#	91

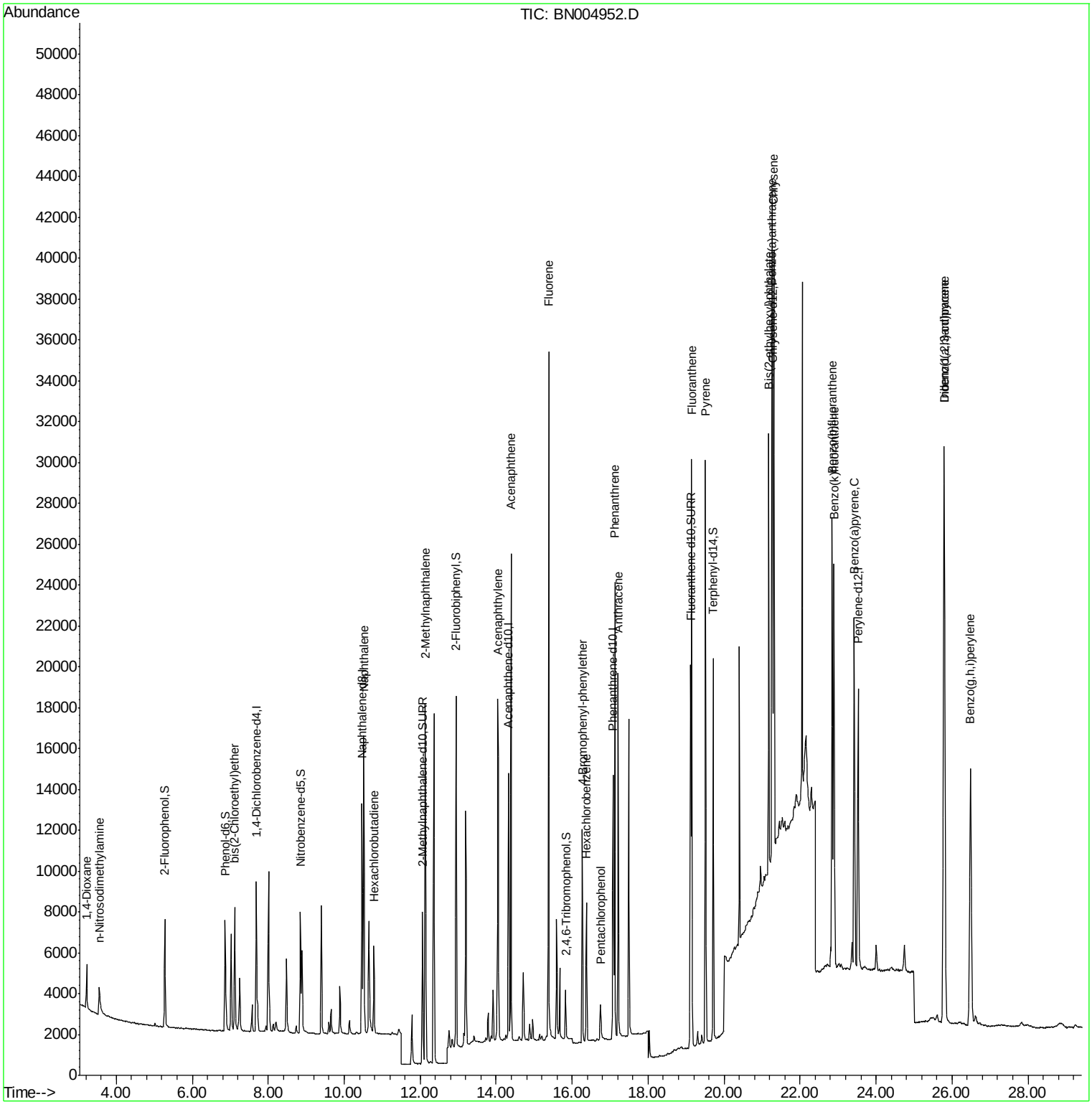
(#) = qualifier out of range (m) = manual integration (+) = signals summed

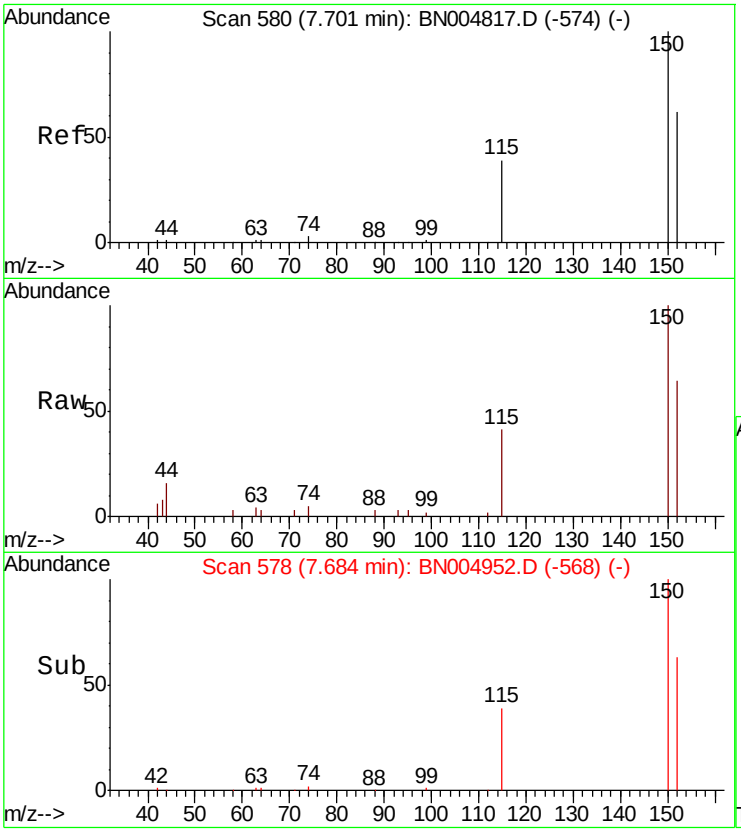
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
Data File : BN004952.D
Acq On : 24 Mar 2019 22:53
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 24 23:44:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration



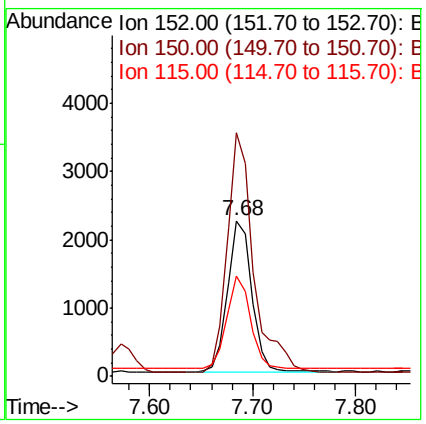


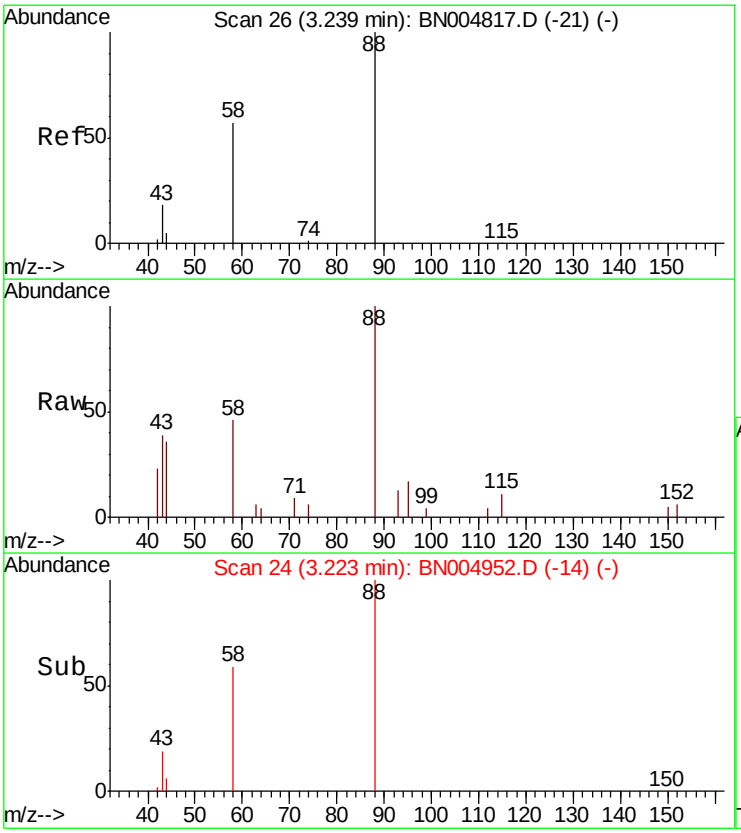
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 578
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3588

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.4
115	64.8	52.6	79.0

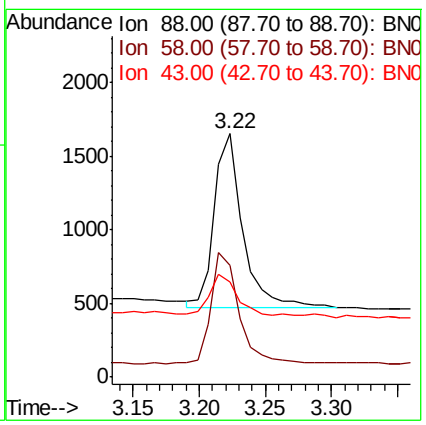


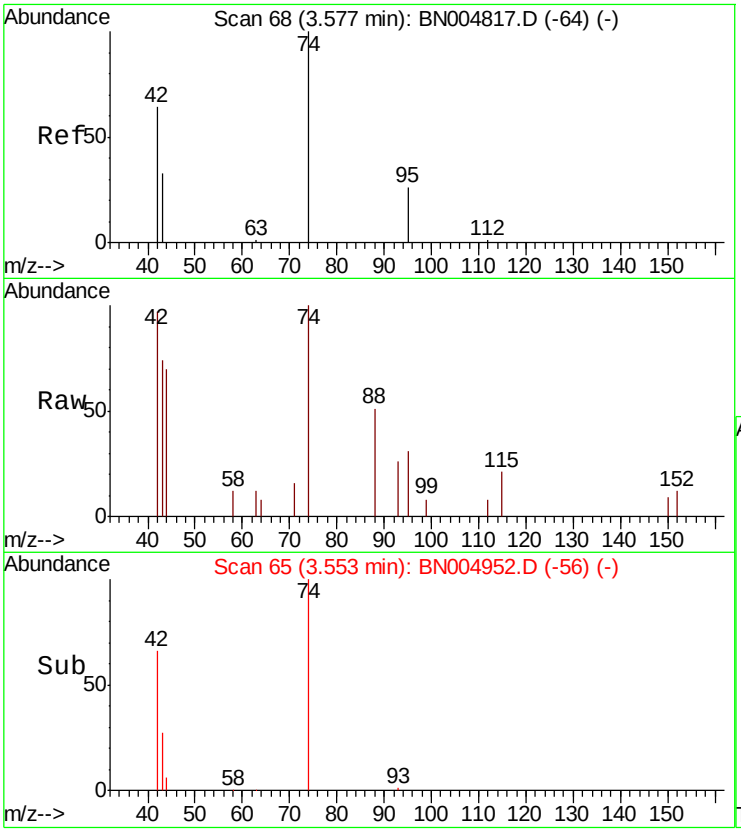


#2
1,4-Dioxane
Concen: 0.426 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion: 88 Resp: 1737

Ion	Ratio	Lower	Upper
88	100		
58	63.4	51.4	77.2
43	22.4	20.0	30.0



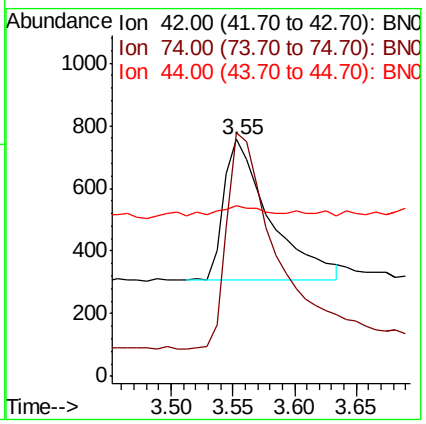


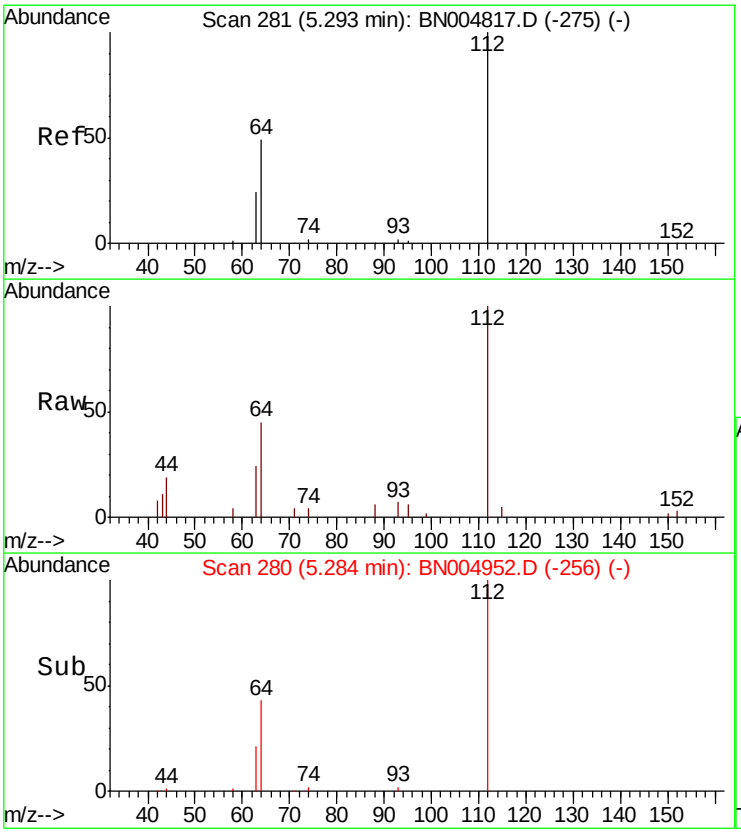
#3
n-Nitrosodimethylamine
Concen: 0.488 ng
RT: 3.55 min Scan# 65
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1176

Ion	Ratio	Lower	Upper
42	100		
74	163.4	128.4	192.6
44	6.8	6.1	9.1

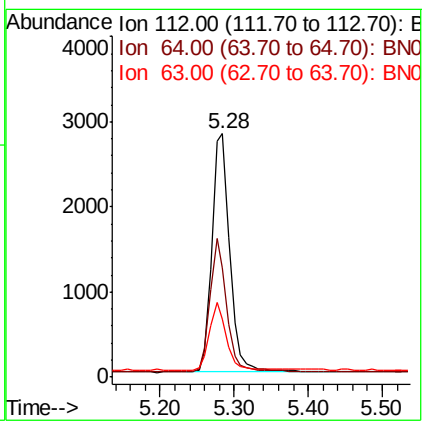


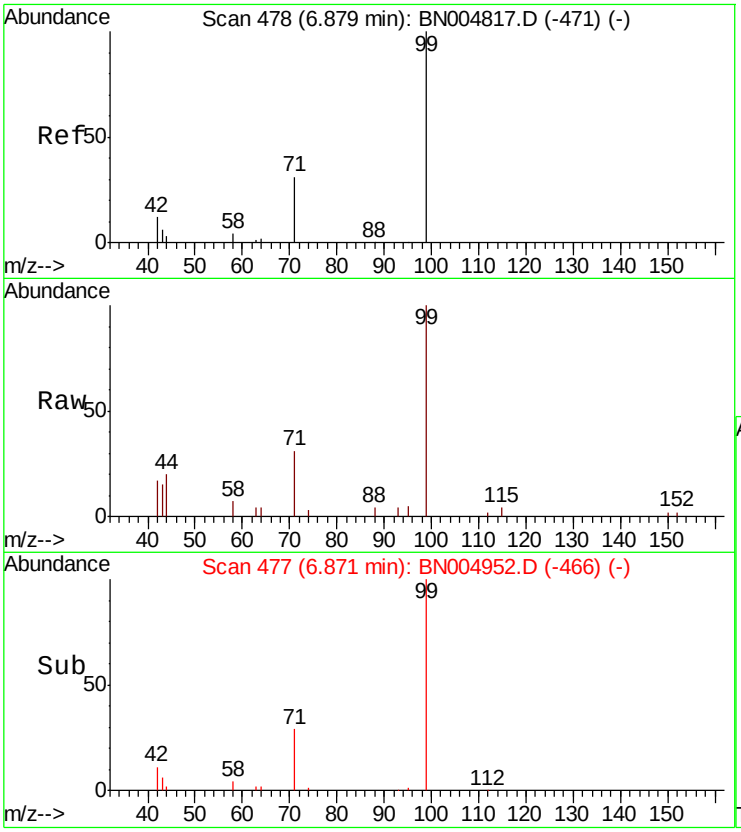


#4
2-Fluorophenol
Concen: 0.484 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:112 Resp: 4723

Ion	Ratio	Lower	Upper
112	100		
64	51.7	40.0	60.0
63	26.5	20.2	30.2



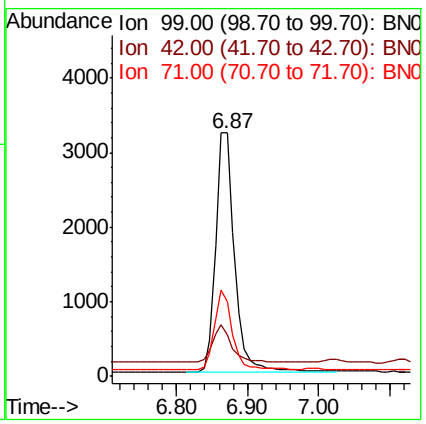


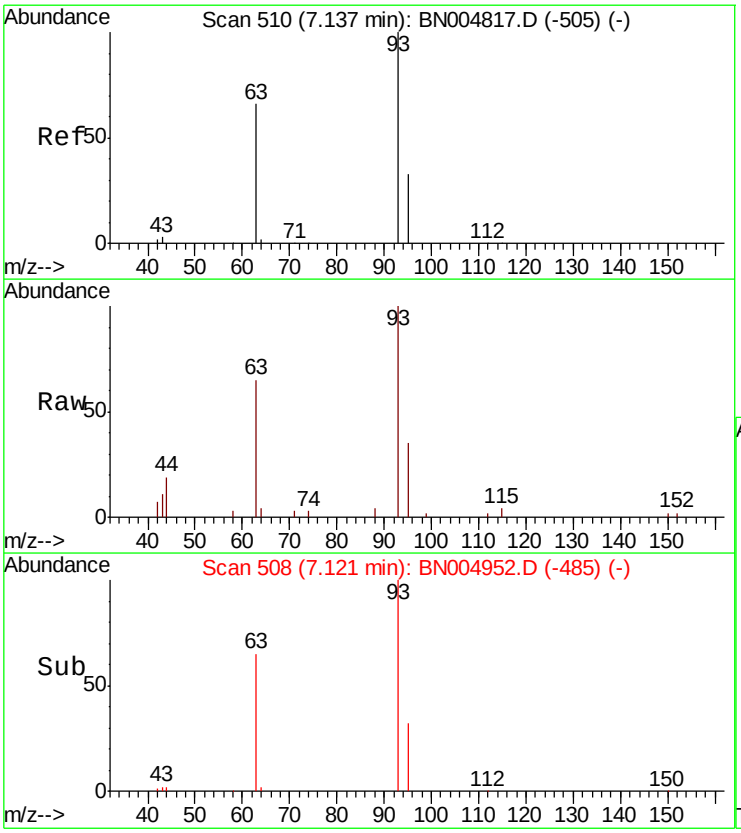
#5
Phenol-d6
Concen: 0.490 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 5945

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.7	19.1
71	31.3	26.6	40.0

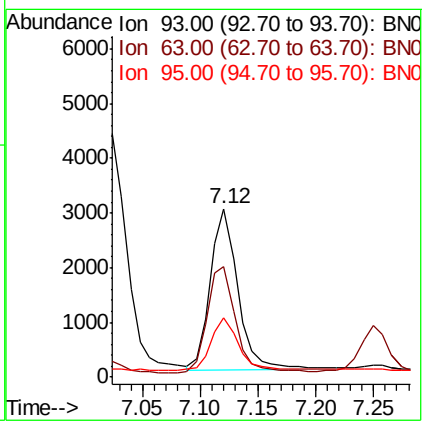


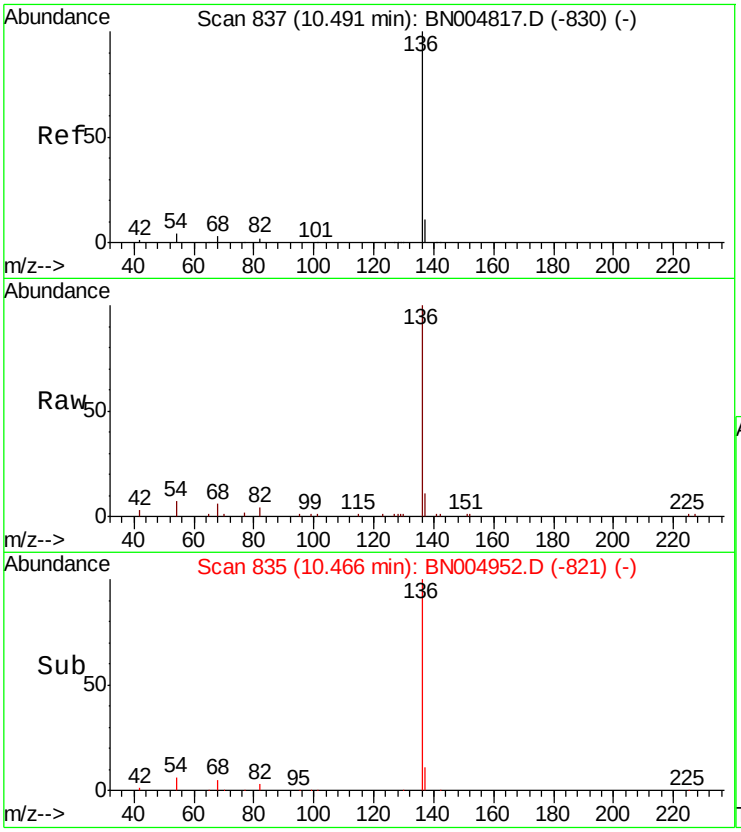


#6
bis(2-Chloroethyl)ether
Concen: 0.450 ng
RT: 7.12 min Scan# 508
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion: 93 Resp: 4935

Ion	Ratio	Lower	Upper
93	100		
63	66.8	52.6	78.8
95	31.2	25.9	38.9



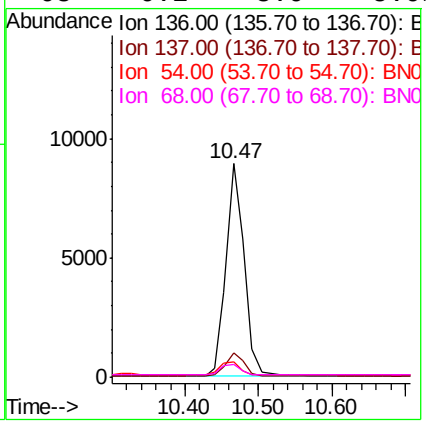


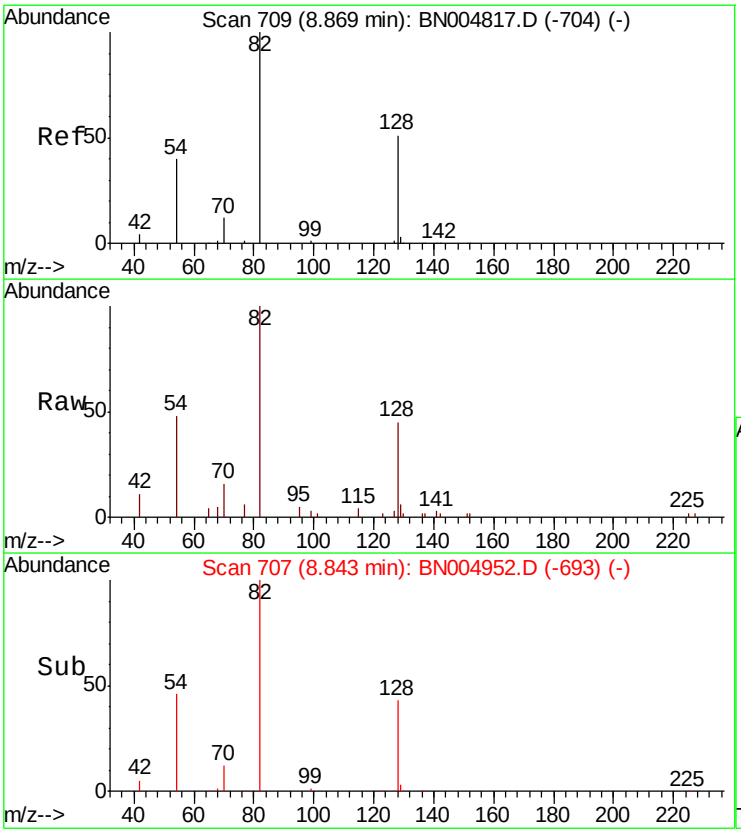
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 15149

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	7.1	4.2	6.2#
68	6.2	3.9	5.9#

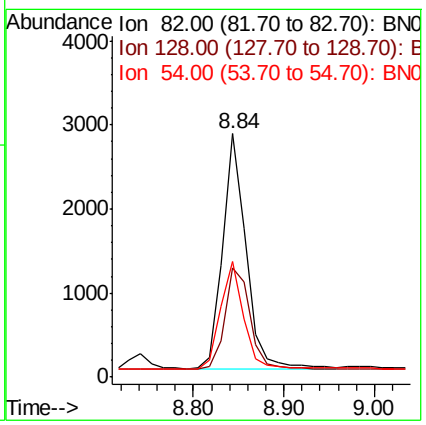


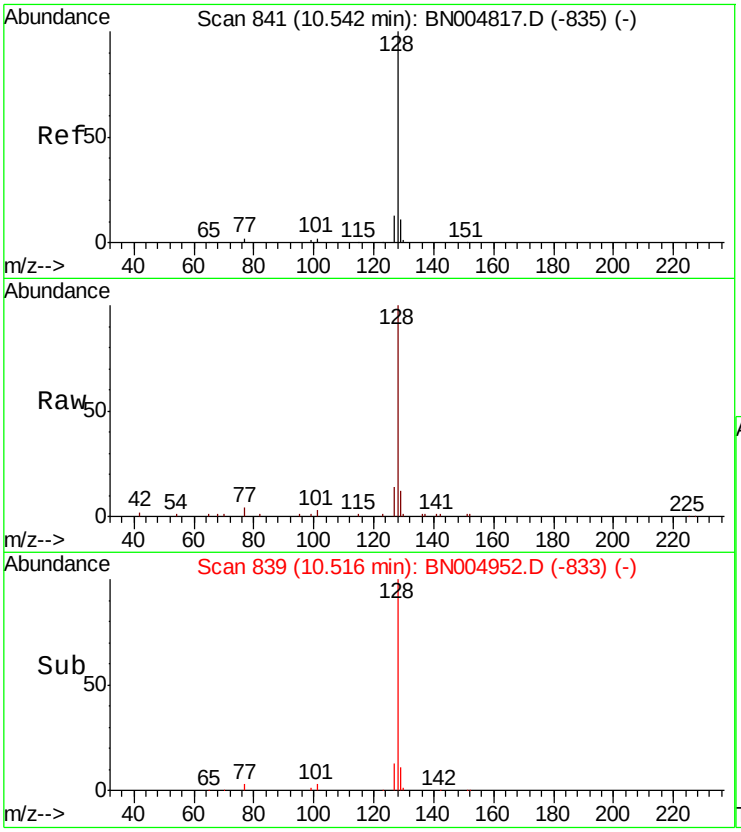


#8
Nitrobenzene-d5
Concen: 0.499 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion: 82 Resp: 5003

Ion	Ratio	Lower	Upper
82	100		
128	45.1	43.0	64.6
54	47.5	35.3	52.9



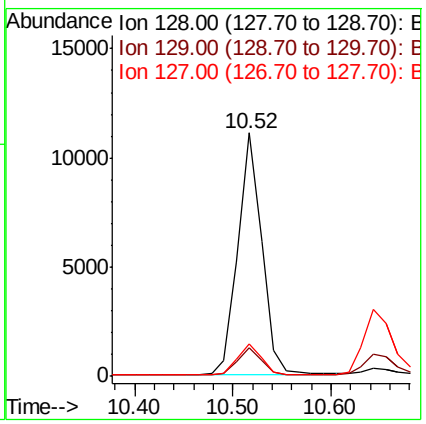


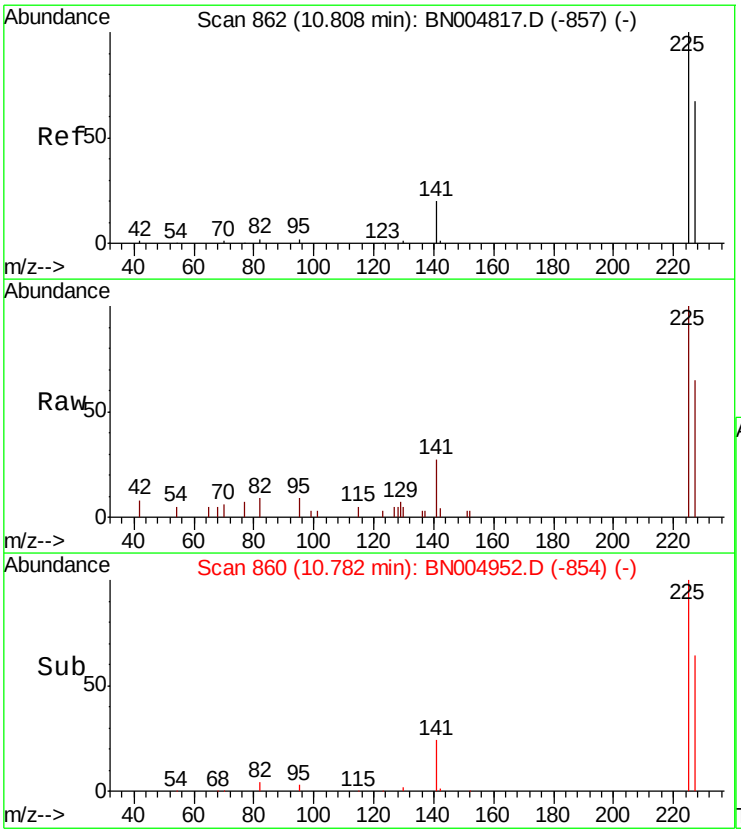
#9
Naphthalene
Concen: 0.436 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.03 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 18511

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.9	14.9
127	13.5	11.3	16.9

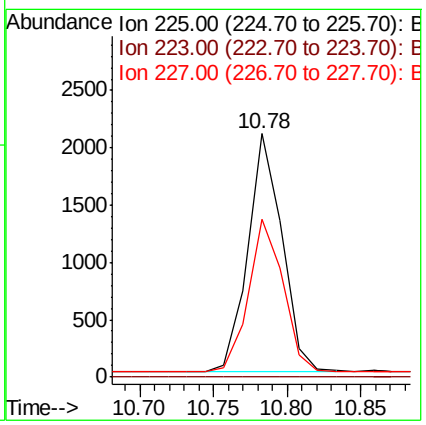


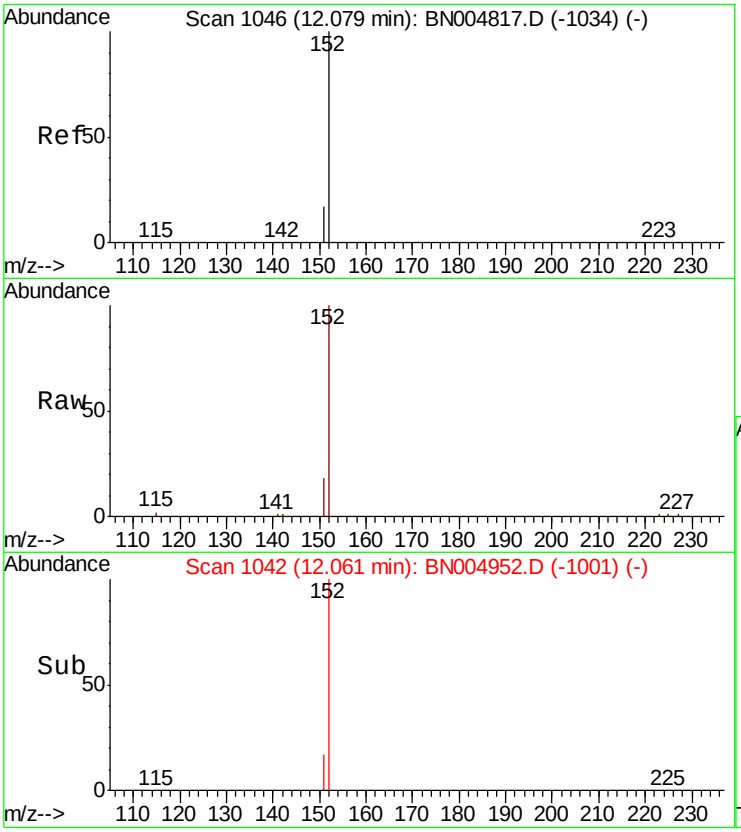


#10
Hexachlorobutadiene
Concen: 0.412 ng
RT: 10.78 min Scan# 860
Delta R.T. -0.03 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:225 Resp: 3340

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	52.2	78.4



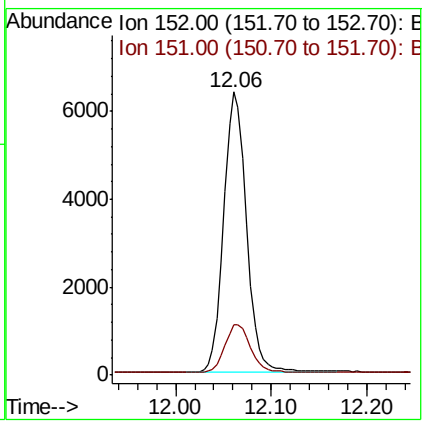


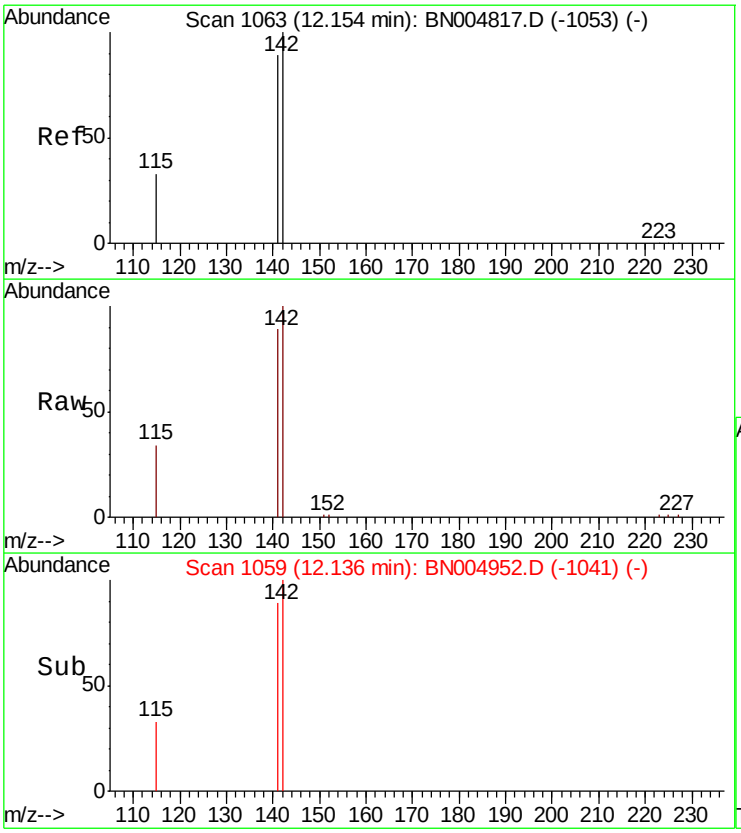
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.06 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 10520

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3

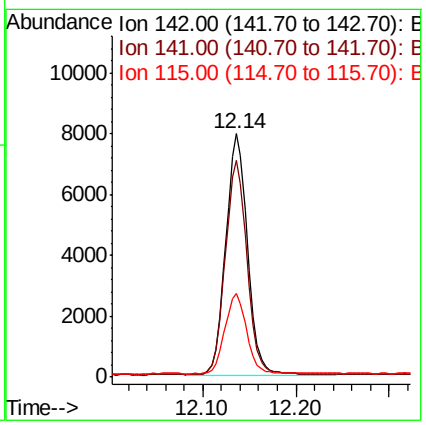


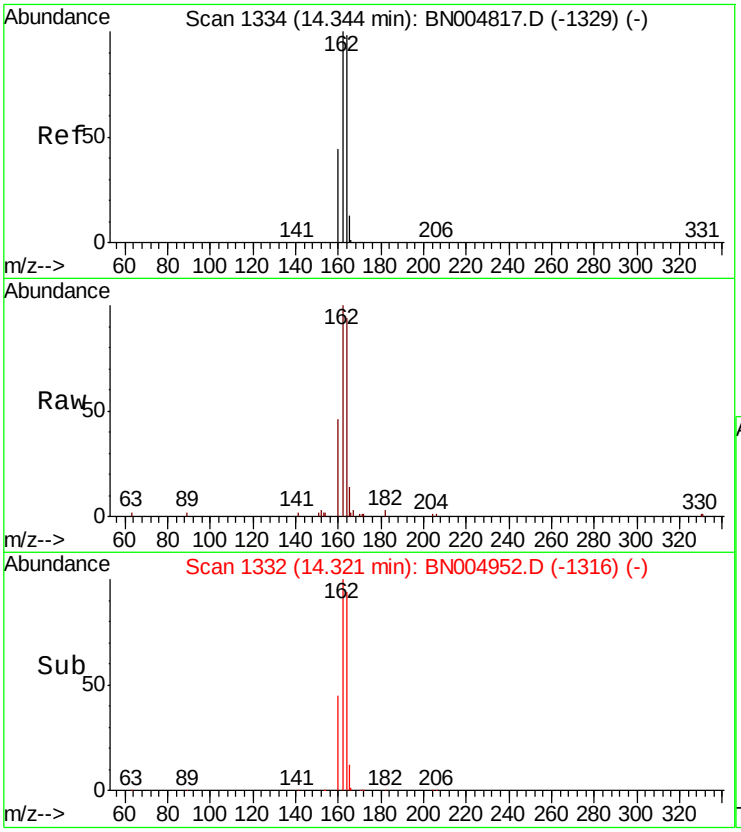


#12
2-Methylnaphthalene
Concen: 0.403 ng
RT: 12.14 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:142 Resp: 12725

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	34.4	27.5	41.3



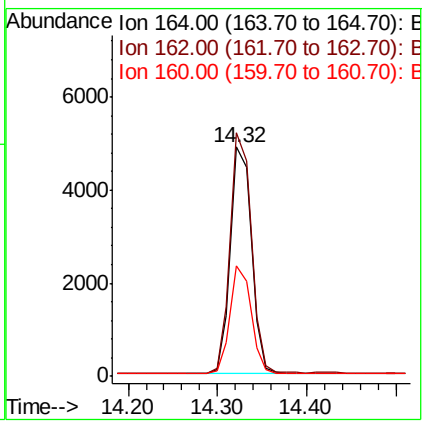


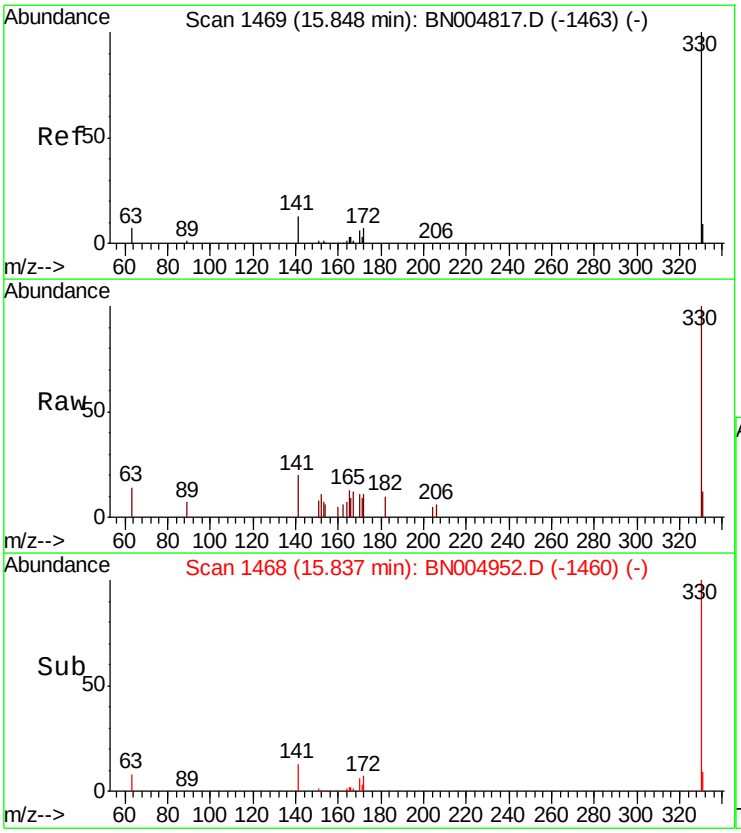
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 7987

Ion	Ratio	Lower	Upper
164	100		
162	106.2	81.9	122.9
160	48.4	36.6	54.8

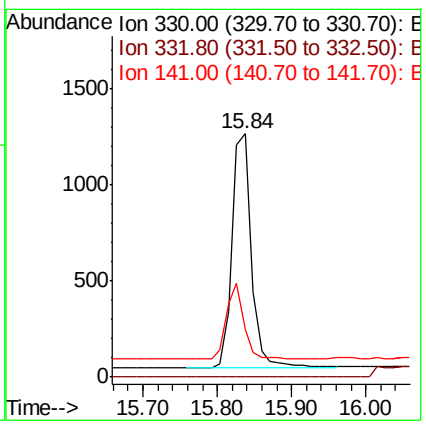


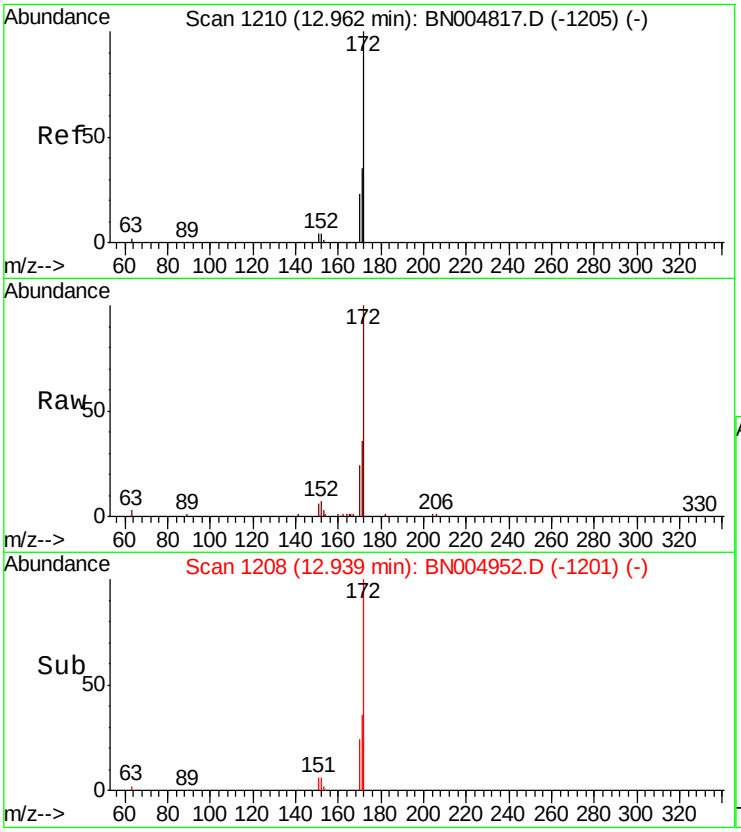


#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:330 Resp: 2195

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.8	20.9	31.3



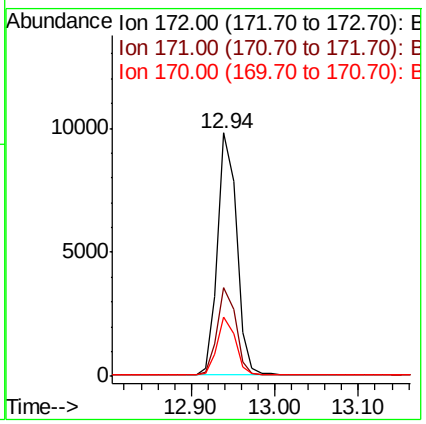


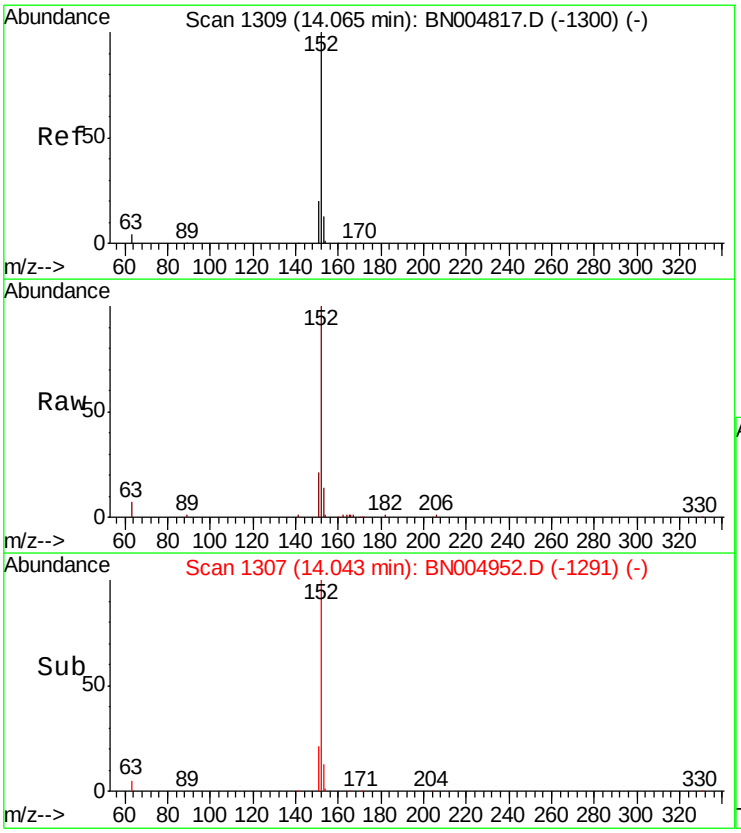
#15
2-Fluorobiphenyl
Concen: 0.473 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 15605

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.7	43.1
170	24.2	18.7	28.1

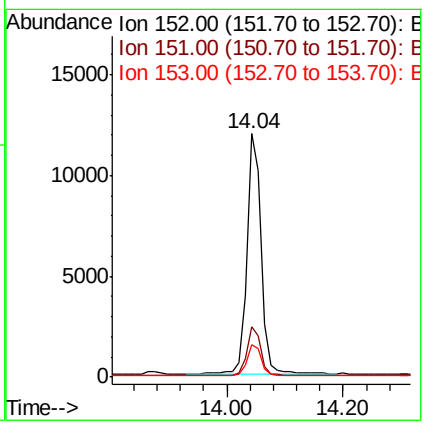


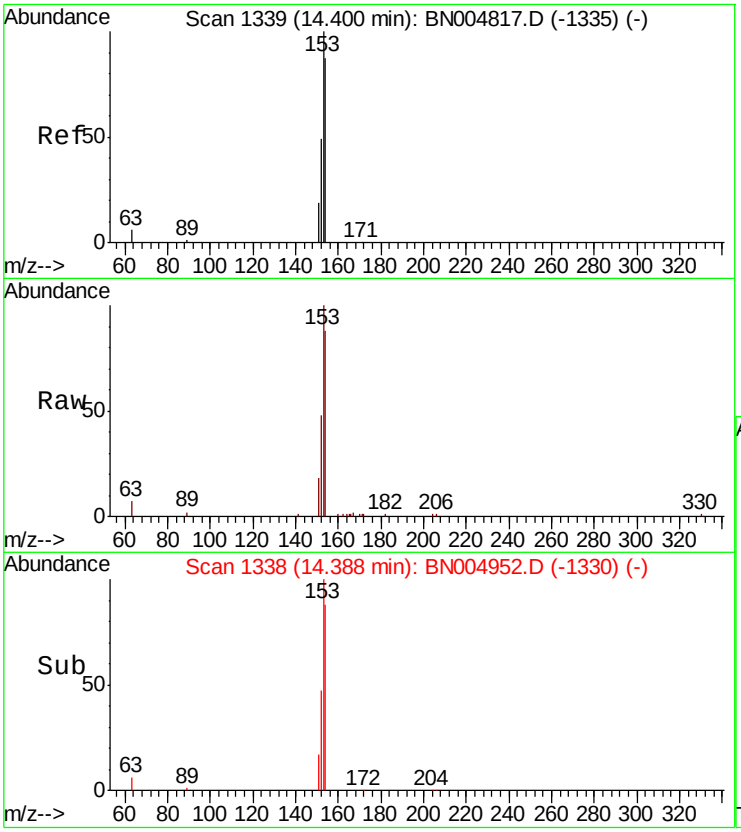


#16
Acenaphthylene
Concen: 0.488 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:152 Resp: 20086

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	13.1	10.5	15.7



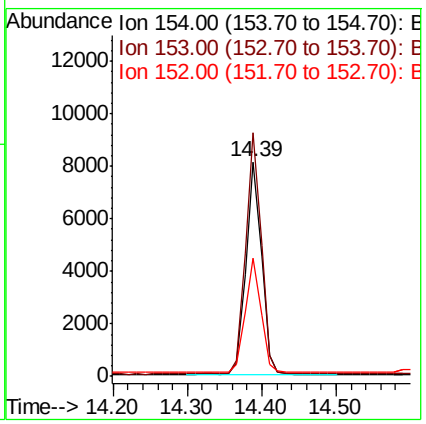


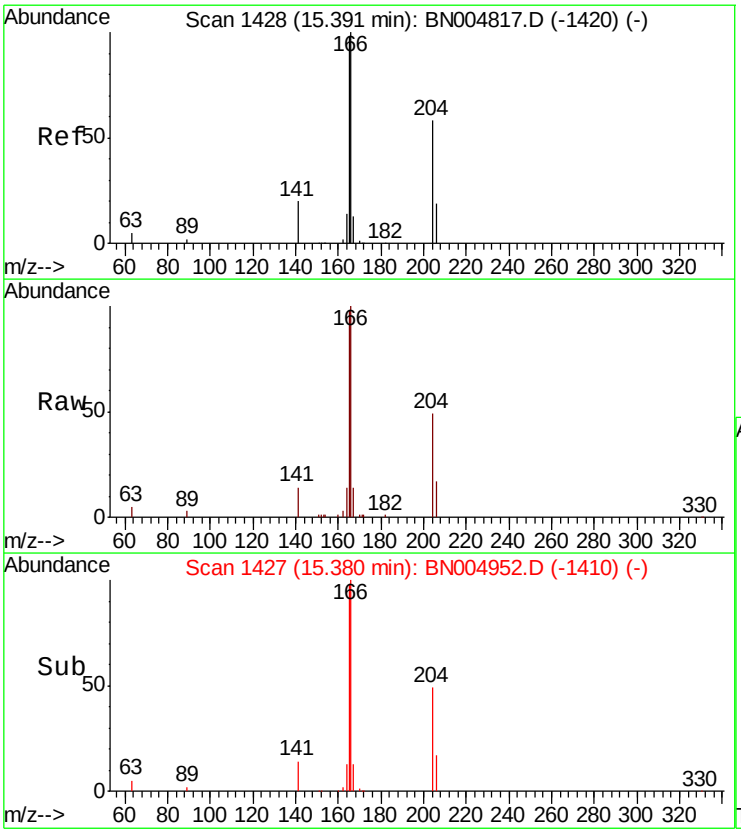
#17
Acenaphthene
Concen: 0.440 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 11865

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.4	137.2
152	54.1	44.2	66.2

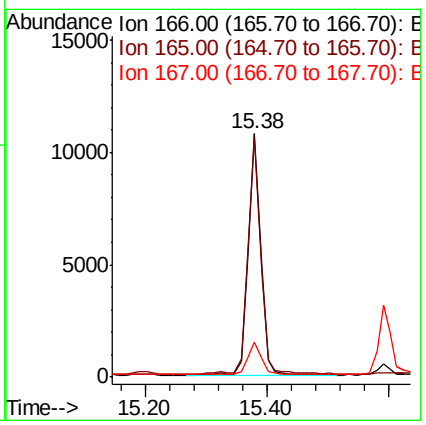


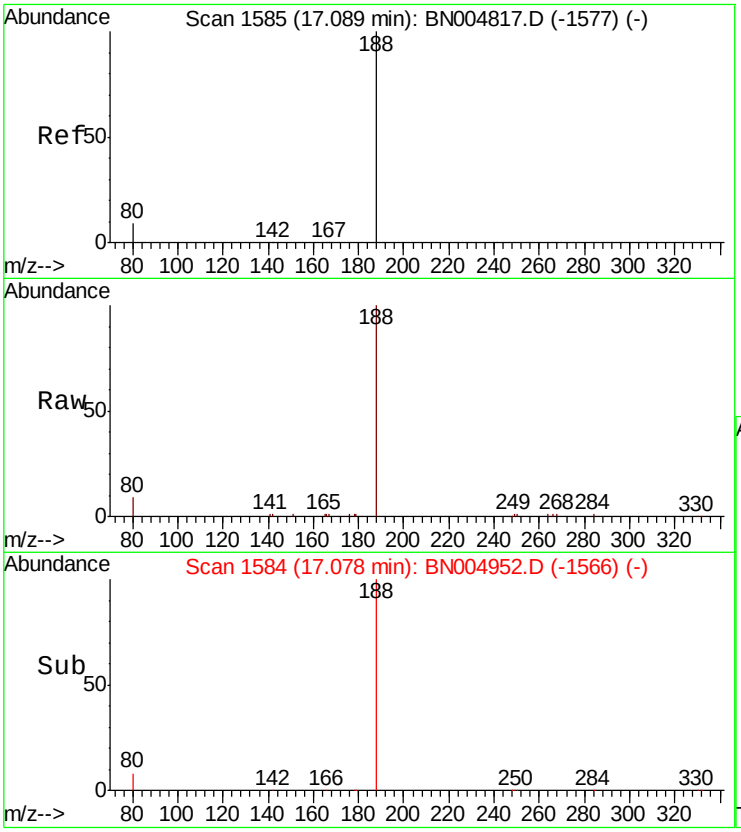


#18
Fluorene
Concen: 0.405 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:166 Resp: 15218

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.2	117.4
167	13.5	11.0	16.4



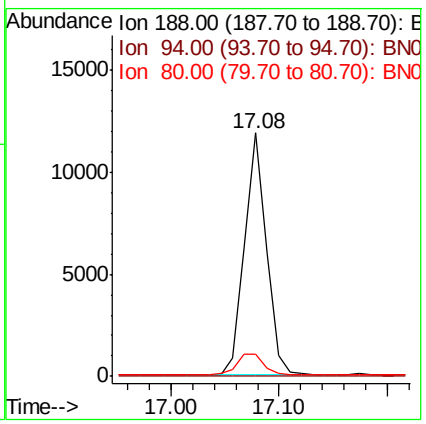


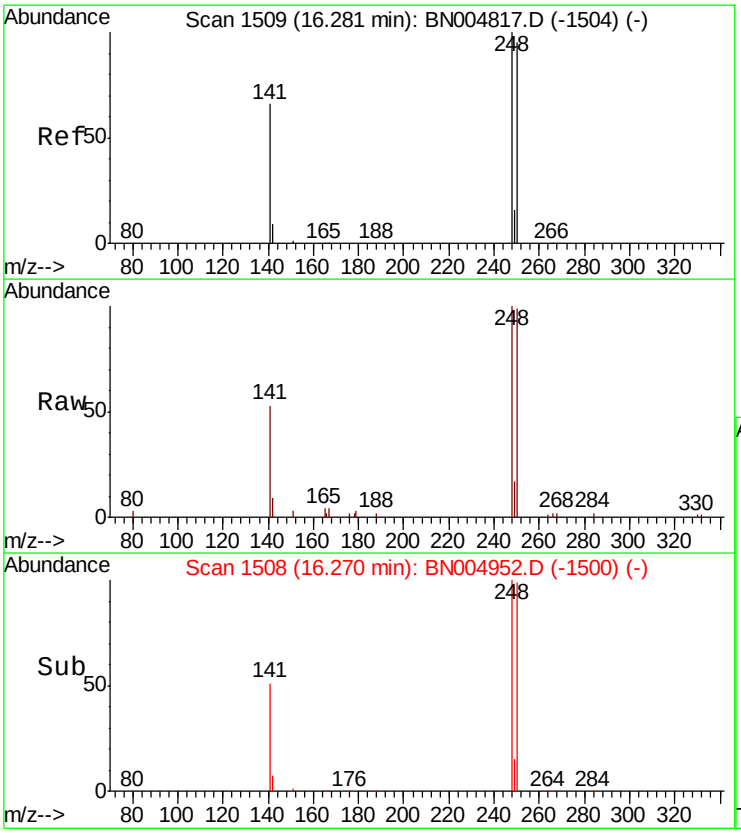
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 16754

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.2

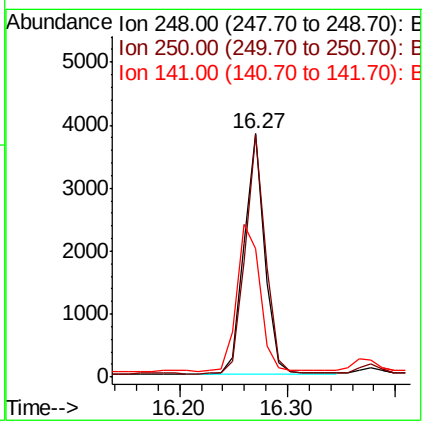


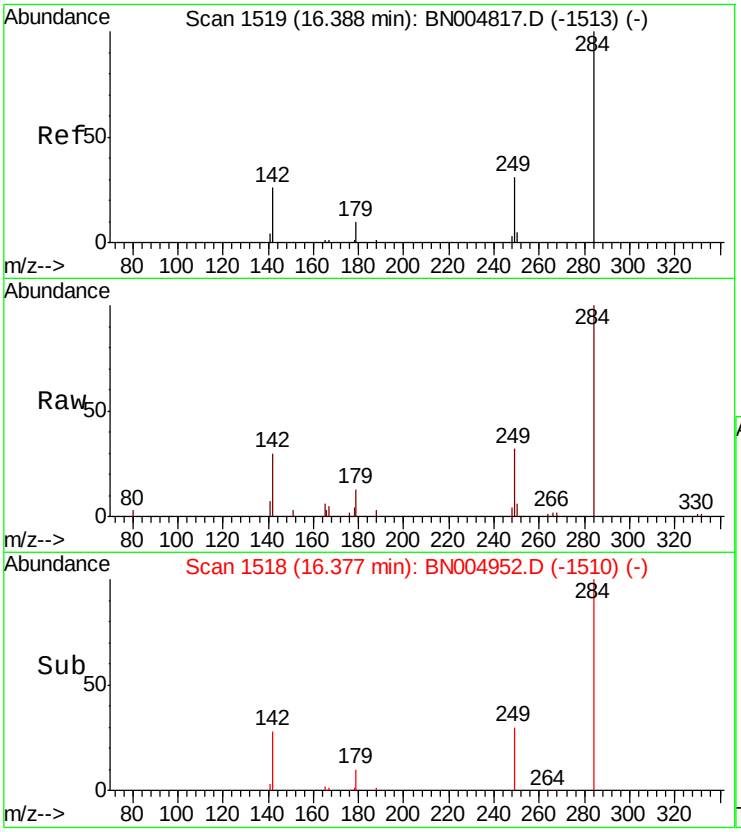


#20
4-Bromophenyl-phenylether
Concen: 0.458 ng
RT: 16.27 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:248 Resp: 5009

Ion	Ratio	Lower	Upper
248	100		
250	99.5	76.2	114.4
141	52.5	53.9	80.9#



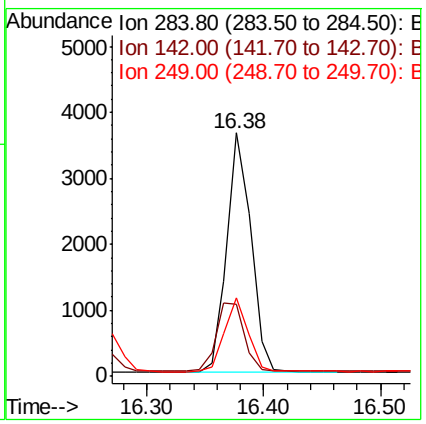


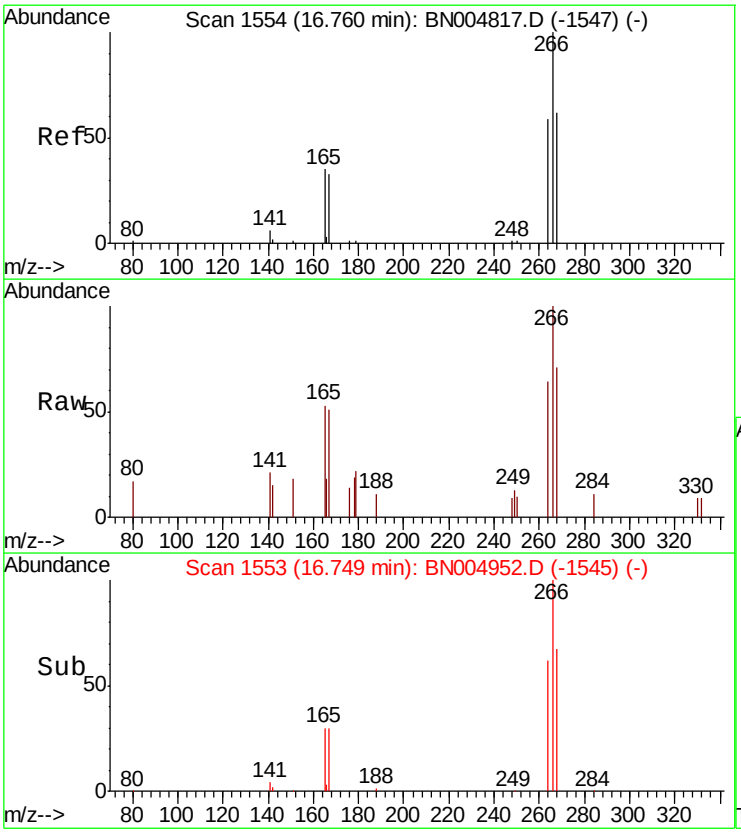
#21
Hexachlorobenzene
Concen: 0.413 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5174

Ion	Ratio	Lower	Upper
284	100		
142	32.7	22.6	34.0
249	29.7	22.5	33.7

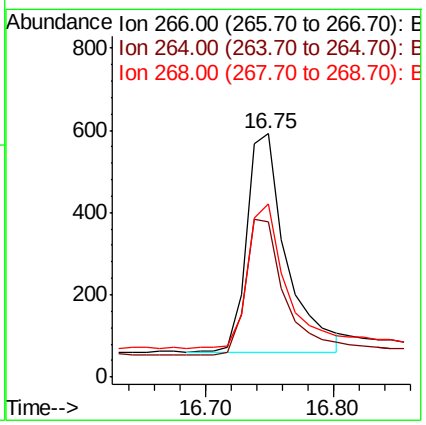


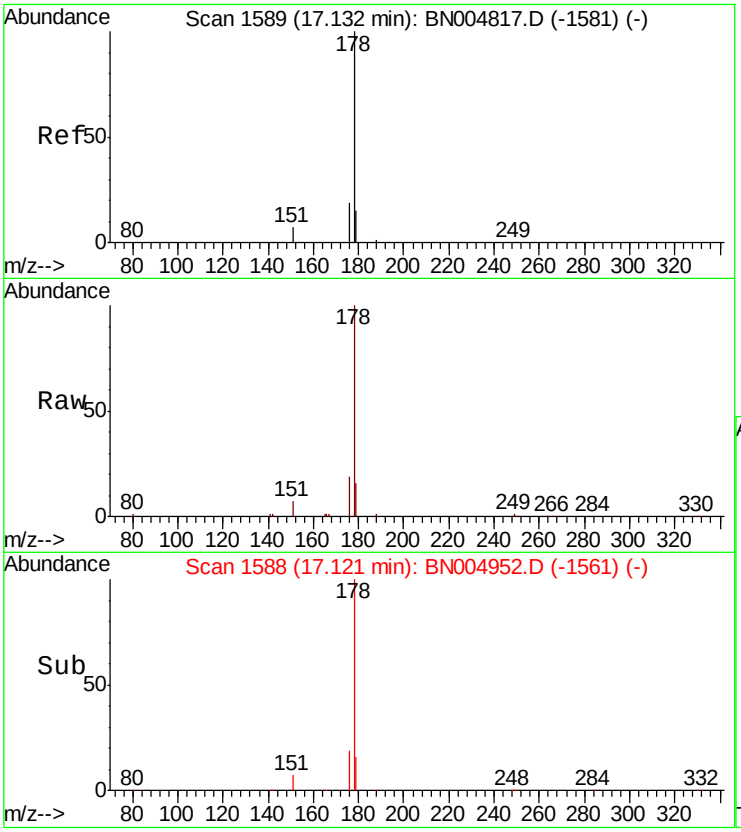


#22
Pentachlorophenol
Concen: 0.467 ng
RT: 16.75 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:266 Resp: 1144

Ion	Ratio	Lower	Upper
266	100		
264	64.0	53.1	79.7
268	71.3	57.7	86.5



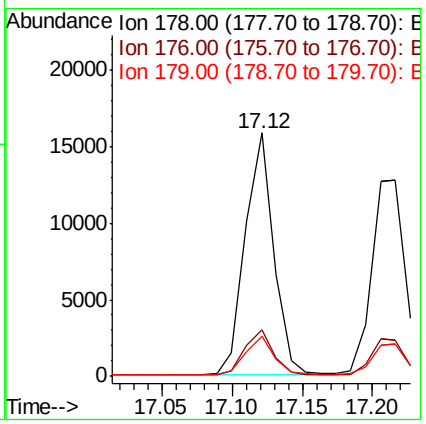


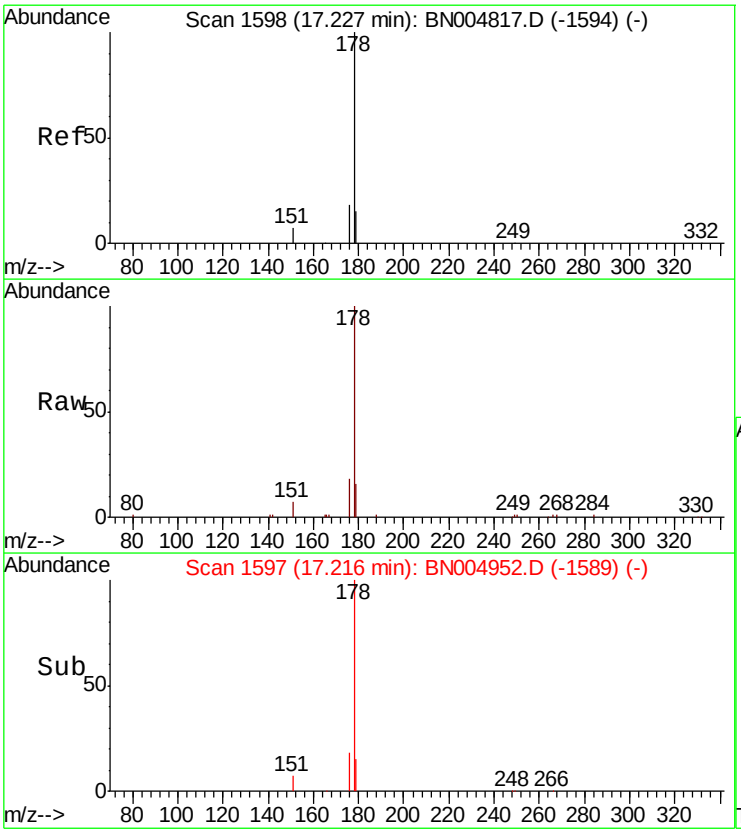
#23
Phenanthrene
Concen: 0.415 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 22437

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.7	12.1	18.1

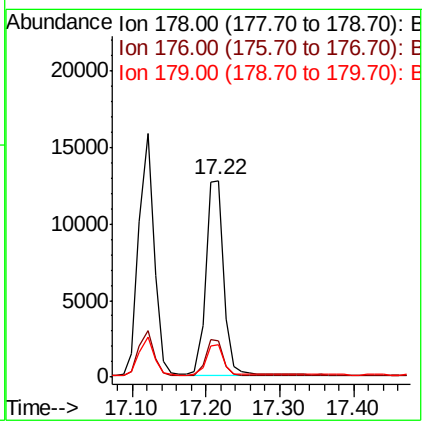


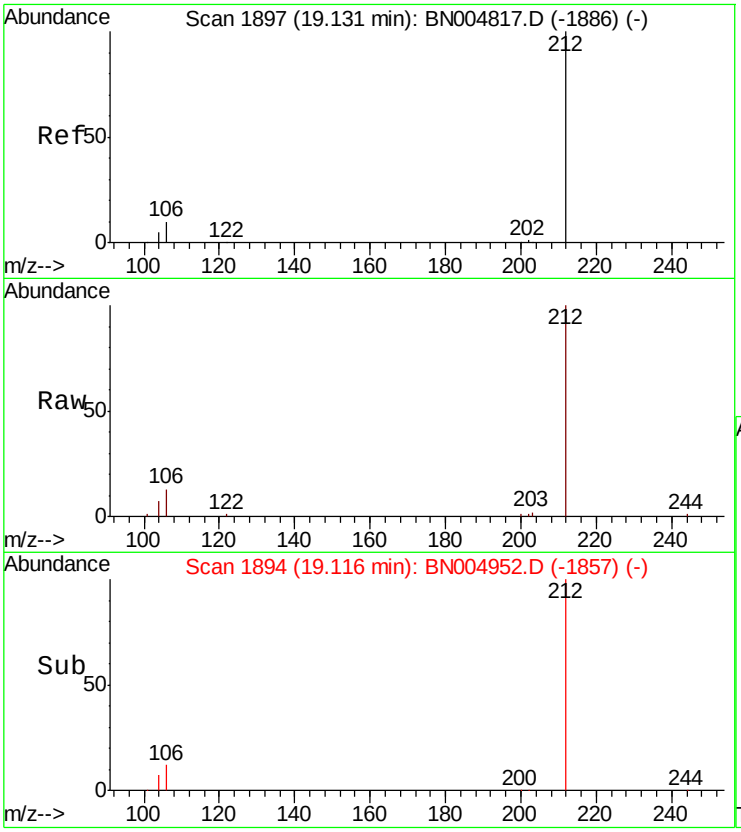


#24
Anthracene
Concen: 0.444 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:178 Resp: 21457

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	14.9	12.2	18.4



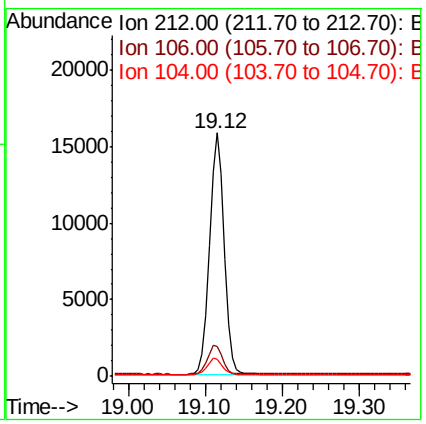


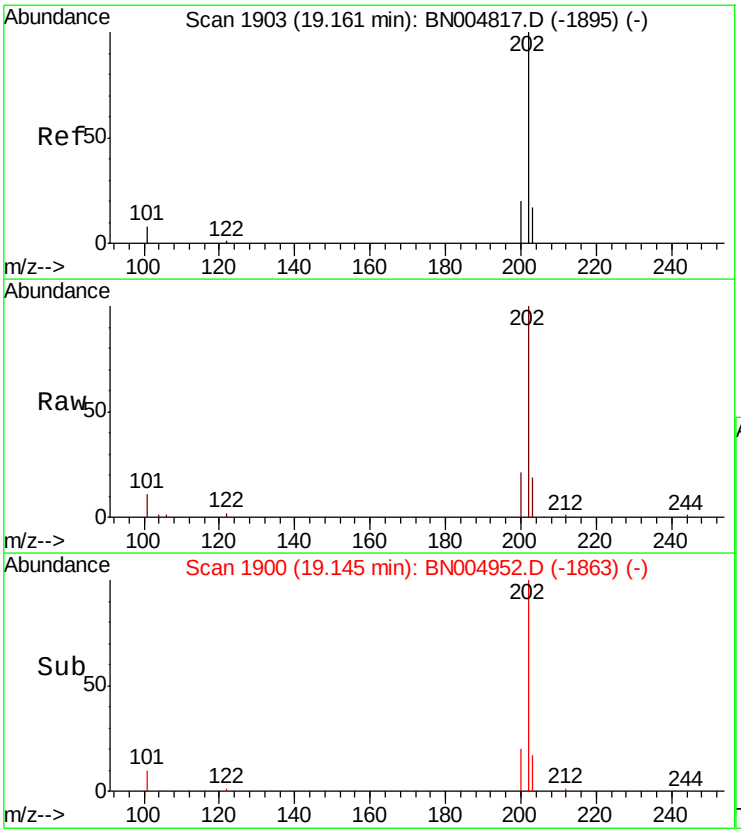
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 20679

Ion	Ratio	Lower	Upper
212	100		
106	12.3	8.6	13.0
104	6.9	4.7	7.1

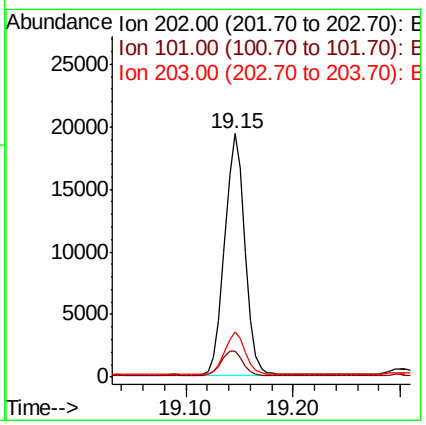


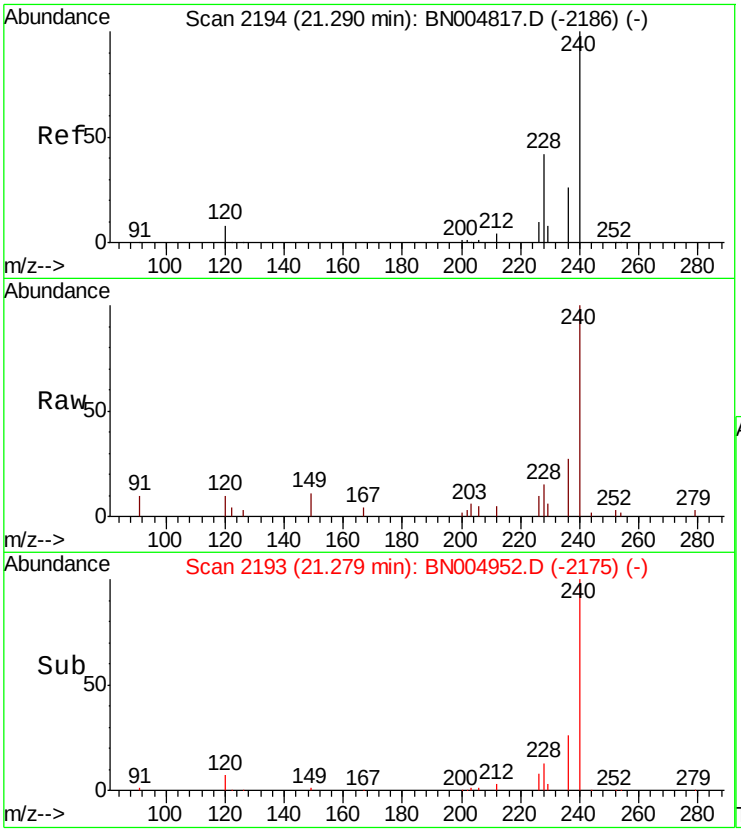


#26
Fluoranthene
Concen: 0.363 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:202 Resp: 25243

Ion	Ratio	Lower	Upper
202	100		
101	10.9	7.5	11.3
203	17.2	13.8	20.6



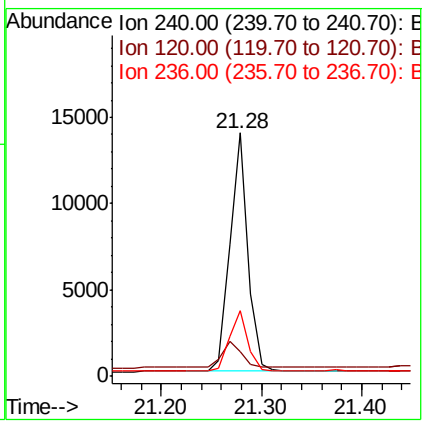


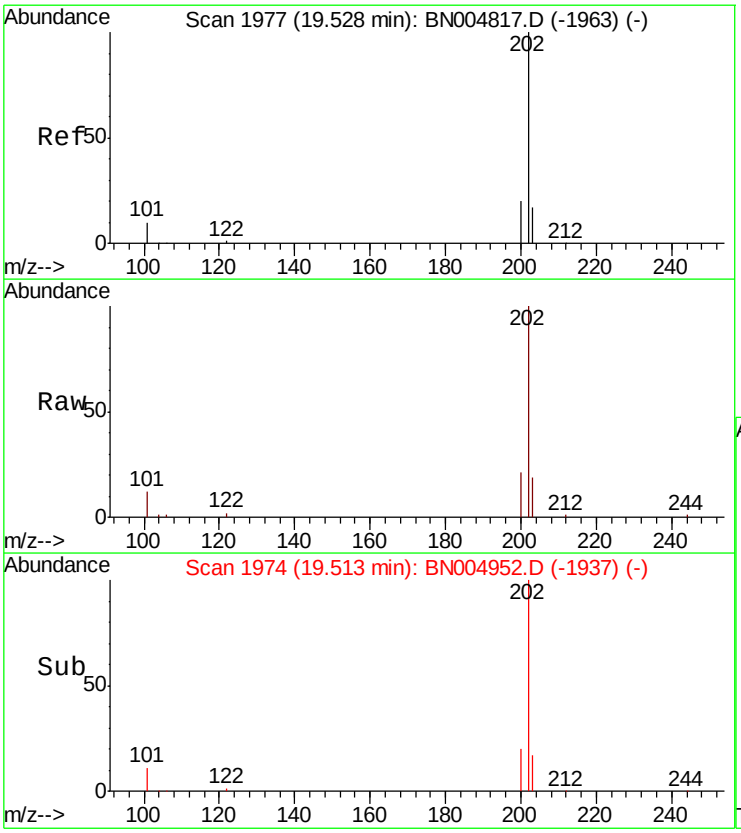
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 17357

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.2	10.8
236	27.2	20.9	31.3

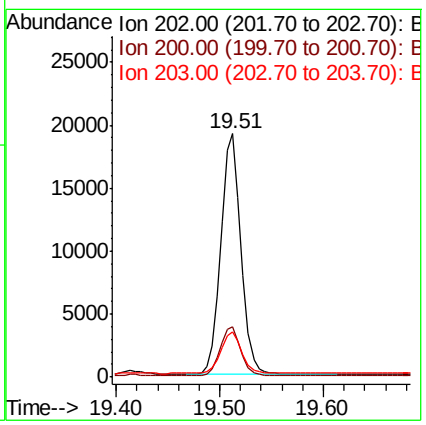


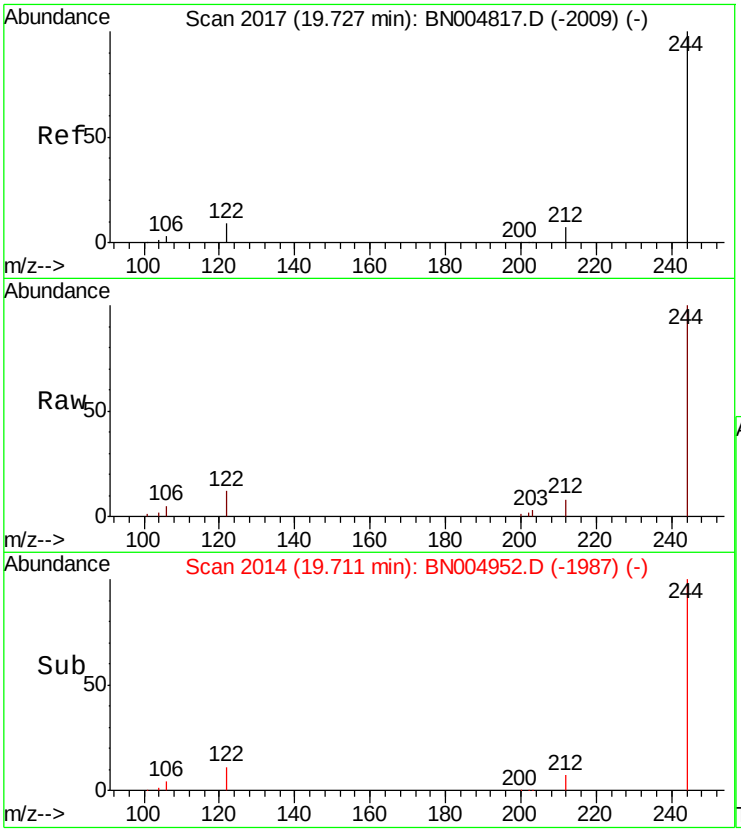


#28
Pyrene
Concen: 0.481 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:202 Resp: 25482

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	18.5	14.0	21.0



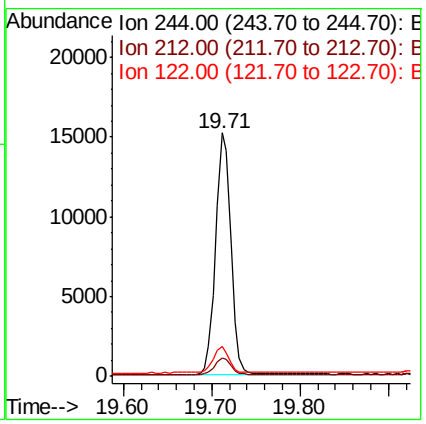


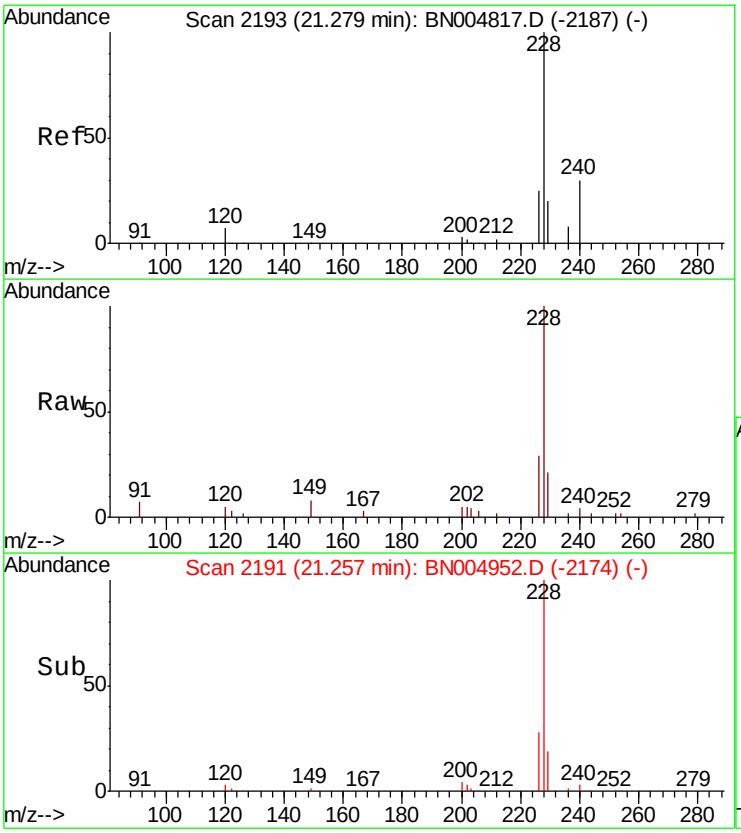
#29
Terphenyl-d14
Concen: 0.509 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 18081

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	12.5	7.9	11.9#

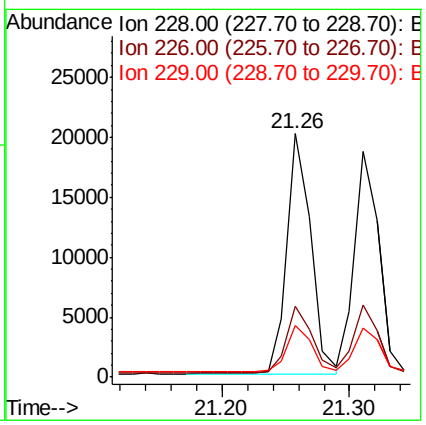


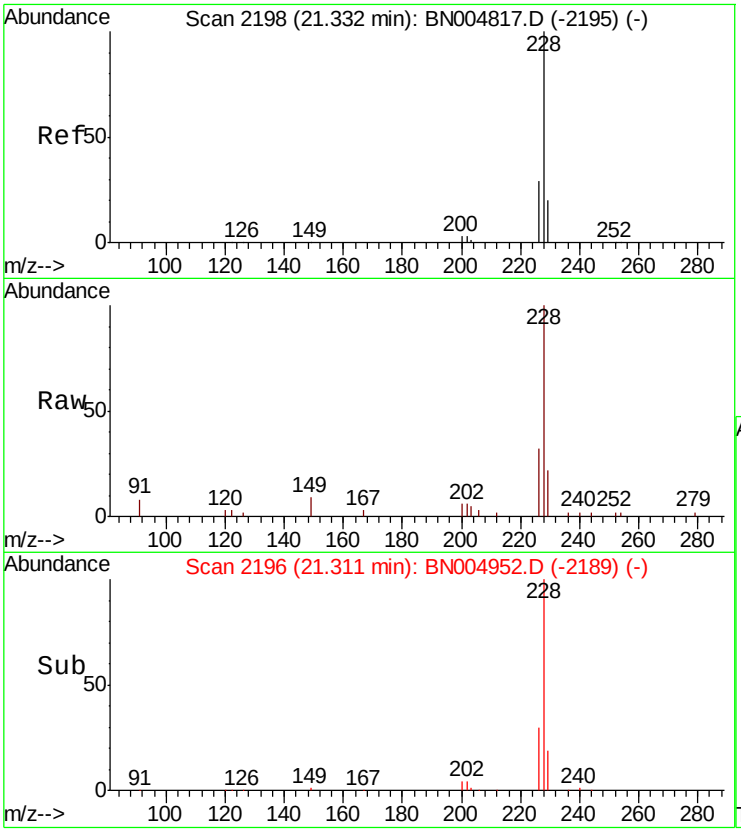


#30
Benzo(a)anthracene
Concen: 0.452 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:228 Resp: 25713

Ion	Ratio	Lower	Upper
228	100		
226	29.1	20.6	31.0
229	21.4	16.2	24.4



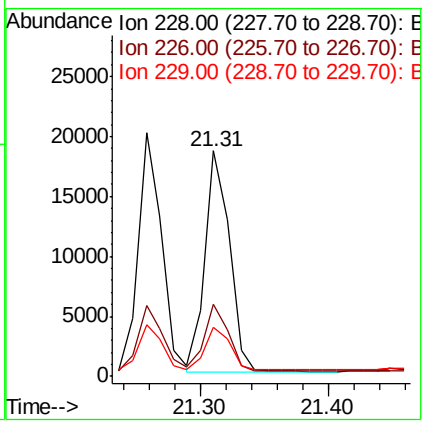


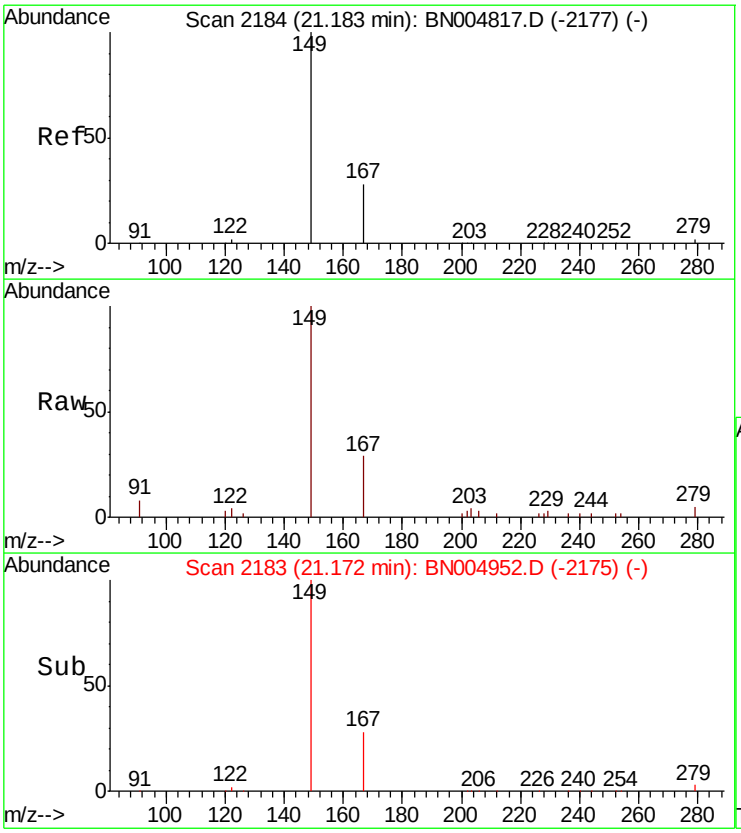
#31
Chrysene
Concen: 0.406 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 24312

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.0	34.6
229	21.6	16.2	24.2

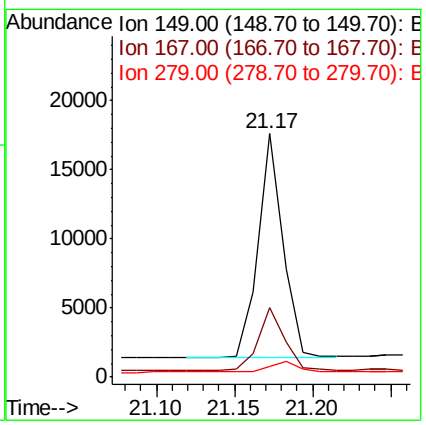


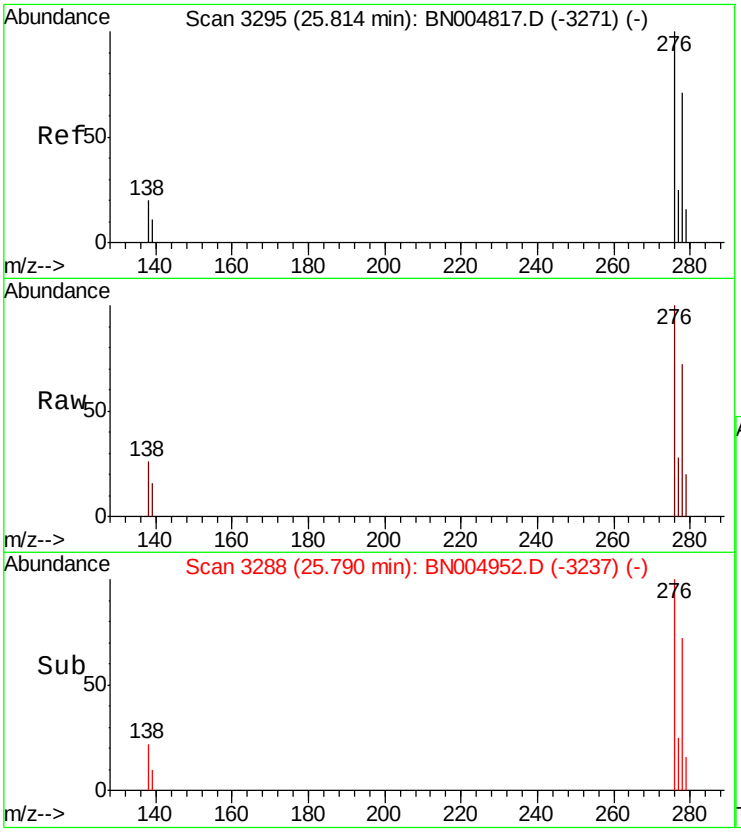


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.785 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:149 Resp: 17850

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.4
279	5.5	4.6	6.8



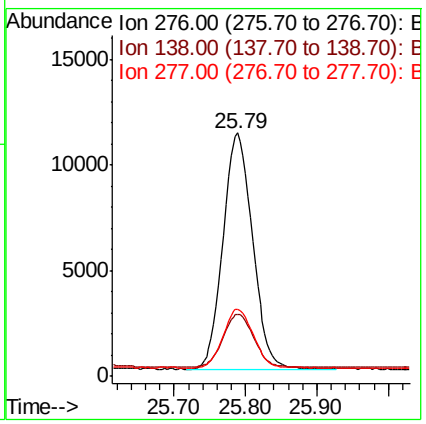


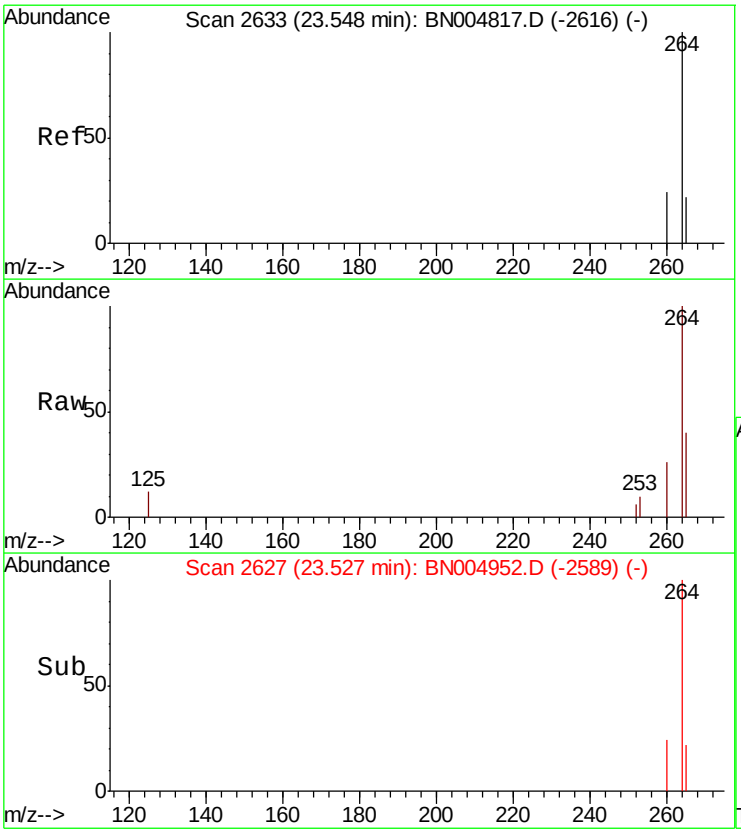
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng
RT: 25.79 min Scan# 3288
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 32217

Ion	Ratio	Lower	Upper
276	100		
138	23.2	16.6	24.8
277	25.2	20.3	30.5

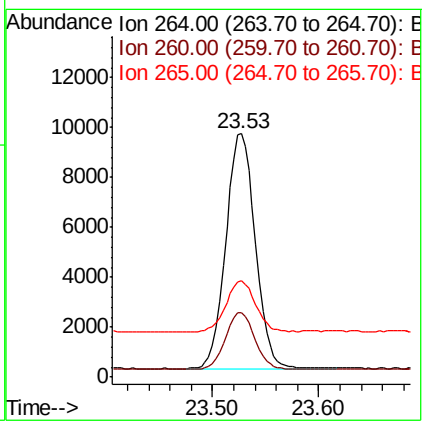


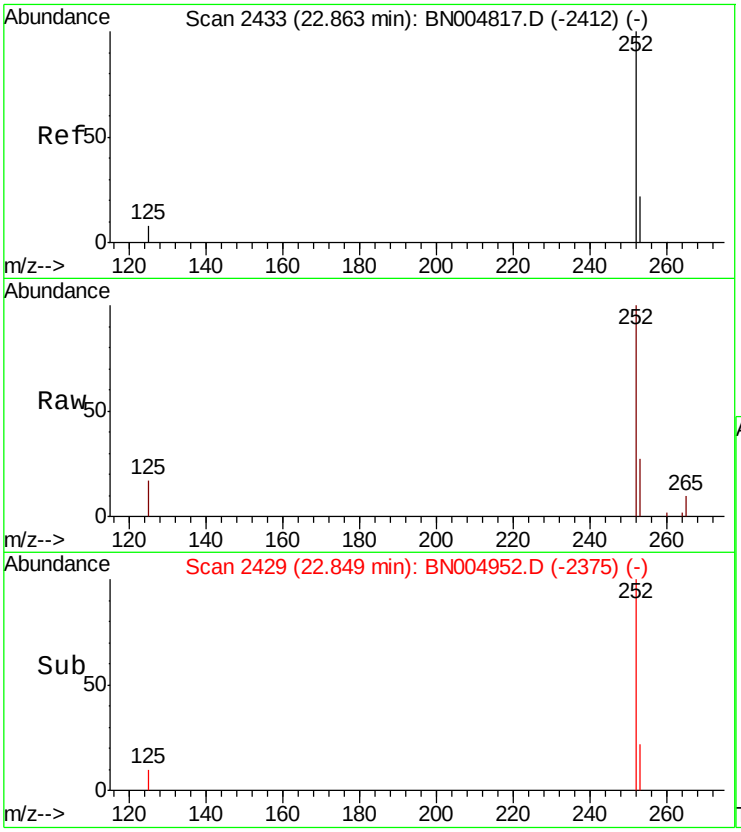


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2627
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:264 Resp: 18166

Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.5	29.3
265	39.5	23.1	34.7#



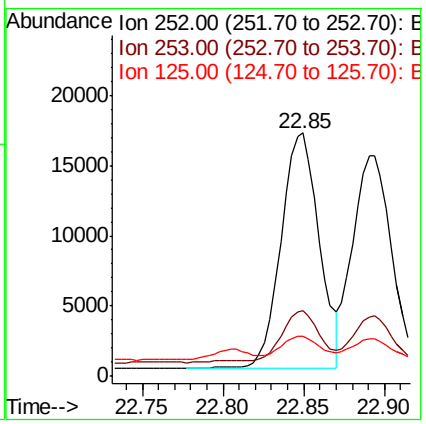


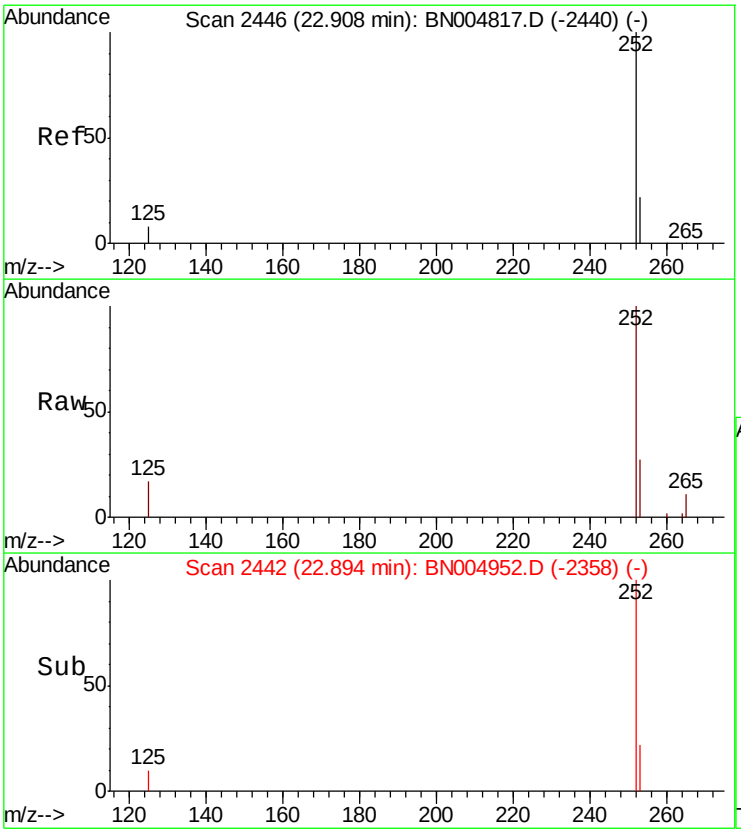
#35
Benzo(b)fluoranthene
Concen: 0.418 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 27464

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.0	28.4
125	16.6	7.4	11.2#

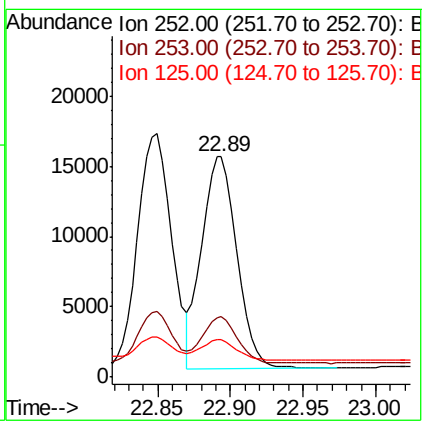


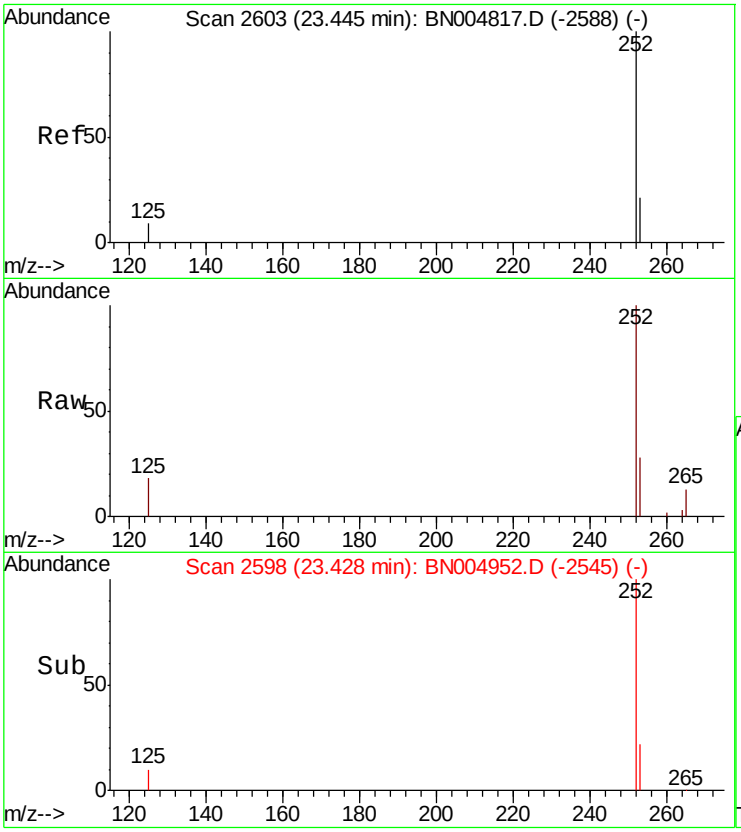


#36
Benzo(k)fluoranthene
Concen: 0.394 ng
RT: 22.89 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:252 Resp: 25480

Ion	Ratio	Lower	Upper
252	100		
253	27.3	19.3	28.9
125	16.9	7.4	11.0#



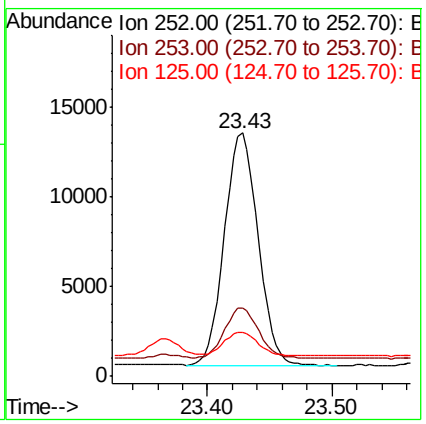


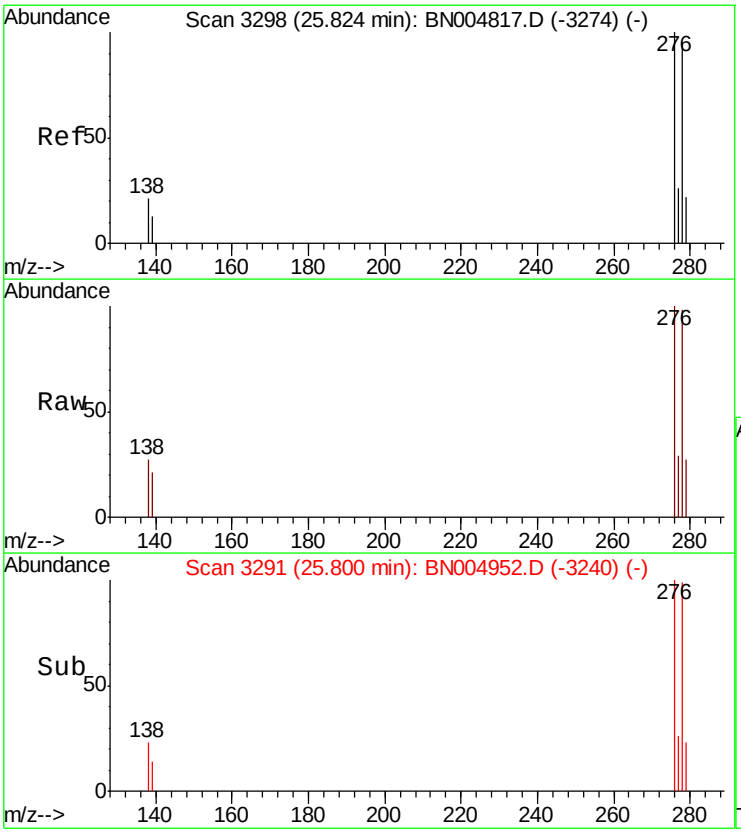
#37
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.43 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 24362

Ion	Ratio	Lower	Upper
252	100		
253	28.2	19.7	29.5
125	18.2	8.3	12.5#

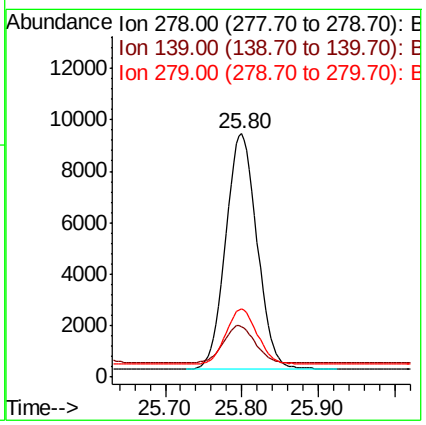


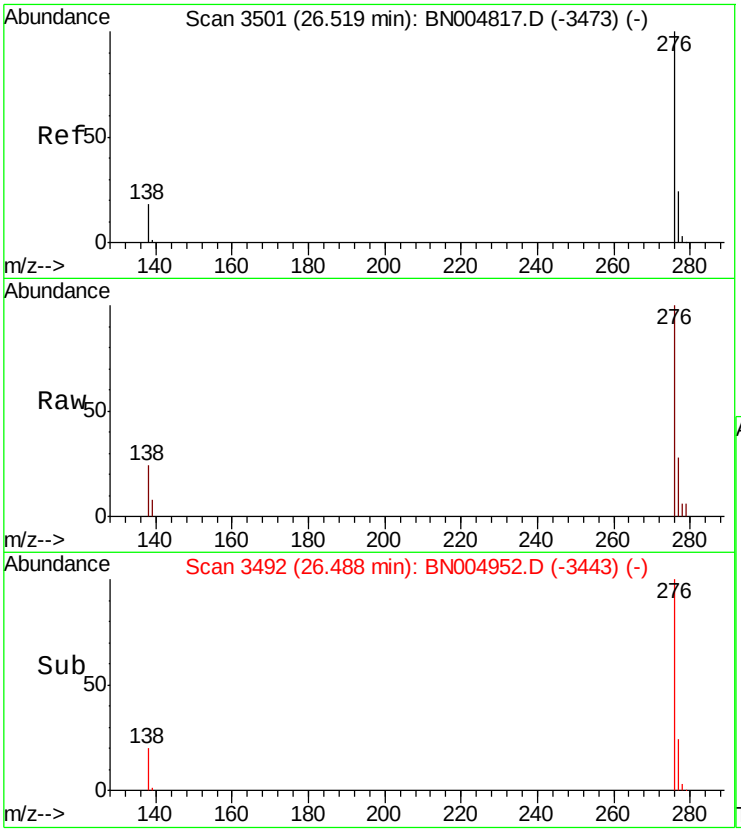


#38
Dibenzo(a,h)anthracene
Concen: 0.376 ng
RT: 25.80 min Scan# 3291
Delta R.T. -0.02 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Tgt Ion:278 Resp: 26268

Ion	Ratio	Lower	Upper
278	100		
139	20.9	11.7	17.5#
279	28.0	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.377 ng
RT: 26.49 min Scan# 3492
Delta R.T. -0.03 min
Lab File: BN004952.D
Acq: 24 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 26786

Ion	Ratio	Lower	Upper
276	100		
277	27.6	19.7	29.5
138	24.2	14.6	22.0#