Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032519\
Data File : BN004954.D
Acq On : 25 Mar 2019 11:14
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 26 01:16:02 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	3488	0.40	ng		-0.02
7) Naphthalene-d8	10.47	136	14060	0.40	ng		-0.03
13) Acenaphthene-d10	14.32	164	7045	0.40	ng		-0.02
19) Phenanthrene-d10	17.08	188	14825	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	16828	0.40	ng		-0.01
34) Perylene-d12	23.53	264	18032	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	4453	0.47	ng		0.00
5) Phenol-d6	6.87	99	5425	0.46	ng		0.00
8) Nitrobenzene-d5	8.84	82	4560	0.49	ng		-0.03
11) 2-Methylnaphthalene-d10	12.06	152	9587	0.39	ng		-0.02
14) 2,4,6-Tribromophenol	15.84	330	1803	0.37	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	14133	0.49	ng		-0.02
25) Fluoranthene-d10	19.12	212	18936	0.38	ng		-0.01
29) Terphenyl-d14	19.71	244	16695	0.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1760	0.444	ng		99
3) n-Nitrosodimethylamine	3.55	42	1154	0.492	ng		100
6) bis(2-Chloroethyl)ether	7.12	93	4760	0.447	ng		99
9) Naphthalene	10.52	128	17020	0.432	ng		98
10) Hexachlorobutadiene	10.78	225	3155	0.419	ng	#	98
12) 2-Methylnaphthalene	12.14	142	11522	0.393	ng		100
16) Acenaphthylene	14.04	152	16628	0.458	ng		100
17) Acenaphthene	14.39	154	10266	0.432	ng		99
18) Fluorene	15.38	166	13001	0.392	ng		100
20) 4-Bromophenyl-phenylether	16.27	248	4306	0.445	ng	#	87
21) Hexachlorobenzene	16.38	284	4509	0.407	ng		94
22) Pentachlorophenol	16.75	266	816	0.376	ng		99
23) Phenanthrene	17.12	178	19920	0.416	ng		100
24) Anthracene	17.21	178	18210	0.426	ng		100
26) Fluoranthene	19.15	202	23231	0.378	ng		99
28) Pyrene	19.51	202	23846	0.465	ng		99
30) Benzo(a)anthracene	21.27	228	24067	0.436	ng		98
31) Chrysene	21.32	228	24385	0.420	ng		99
32) Bis(2-ethylhexyl)phthalate	21.17	149	16083	0.729	ng		99
33) Indeno(1,2,3-cd)pyrene	25.80	276	32112	0.382	ng		98
35) Benzo(b)fluoranthene	22.85	252	26869	0.412	ng	#	94
36) Benzo(k)fluoranthene	22.90	252	25606	0.399	ng	#	94
37) Benzo(a)pyrene	23.43	252	23946	0.400	ng	#	93
38) Dibenzo(a,h)anthracene	25.81	278	26213	0.378	ng	#	93
39) Benzo(g,h,i)perylene	26.49	276	26316	0.373	ng	#	94

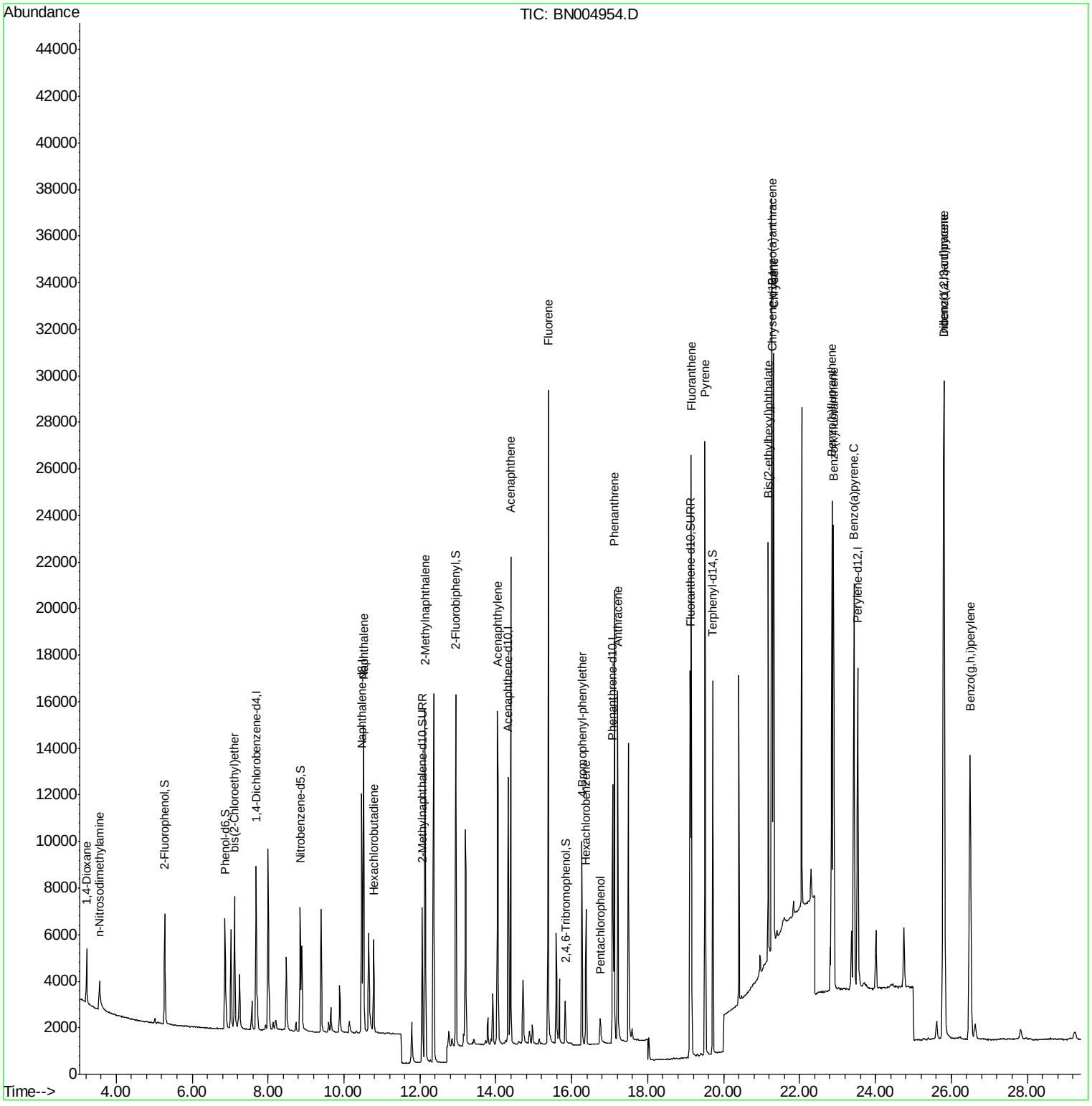
(#) = qualifier out of range (m) = manual integration (+) = signals summed

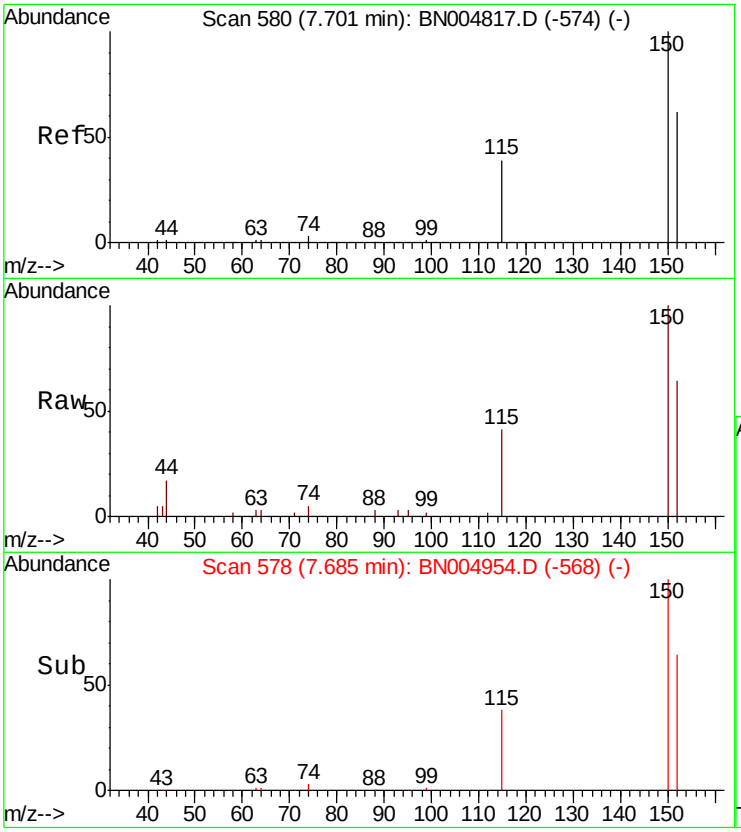
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032519\
Data File : BN004954.D
Acq On : 25 Mar 2019 11:14
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 26 01:16:02 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



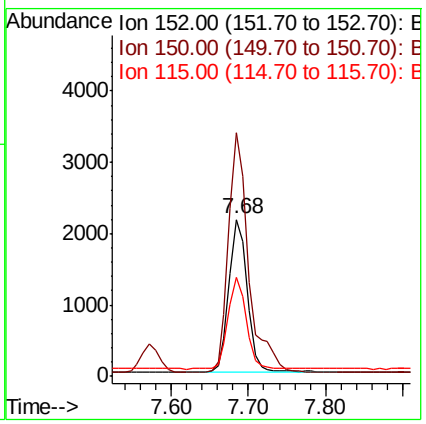


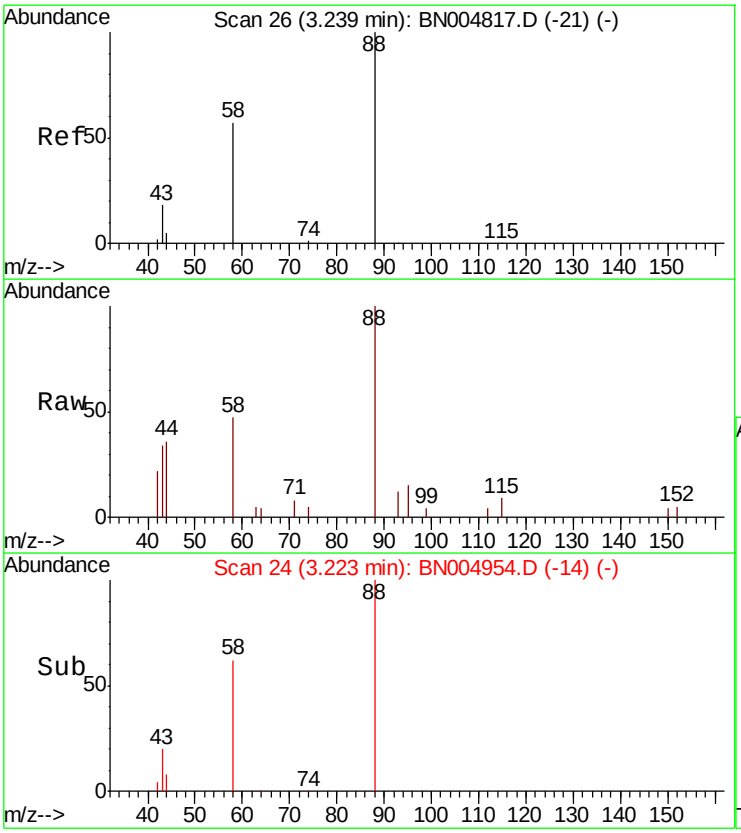
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 578
Delta R.T. -0.02 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3488

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.4
115	63.5	52.6	79.0

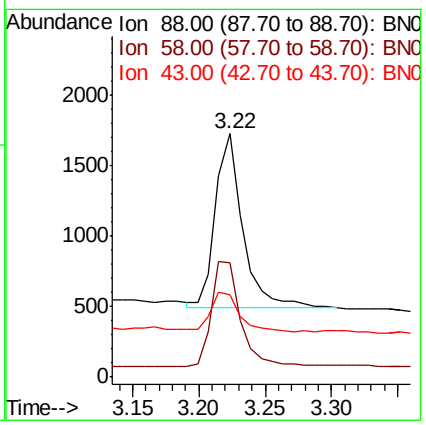


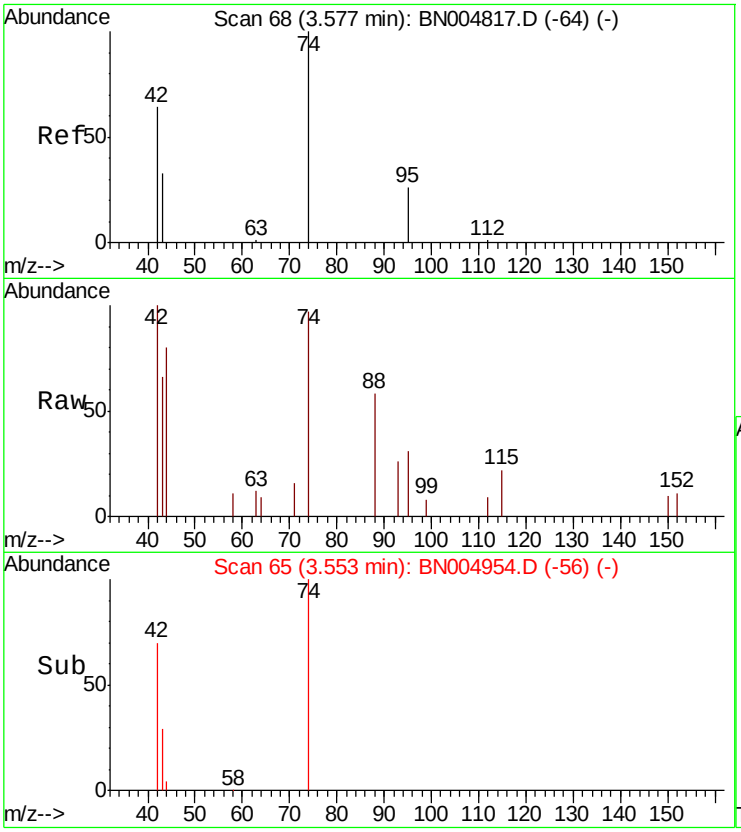


#2
1,4-Dioxane
Concen: 0.444 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.02 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion: 88 Resp: 1760

Ion	Ratio	Lower	Upper
88	100		
58	64.0	51.4	77.2
43	24.2	20.0	30.0



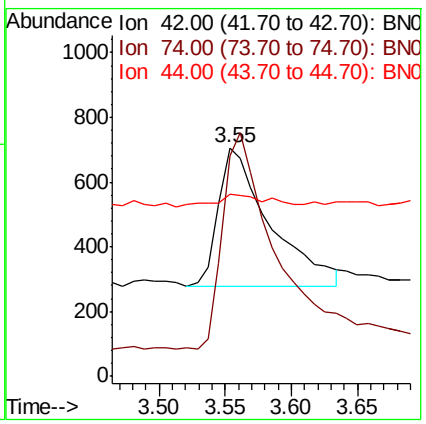


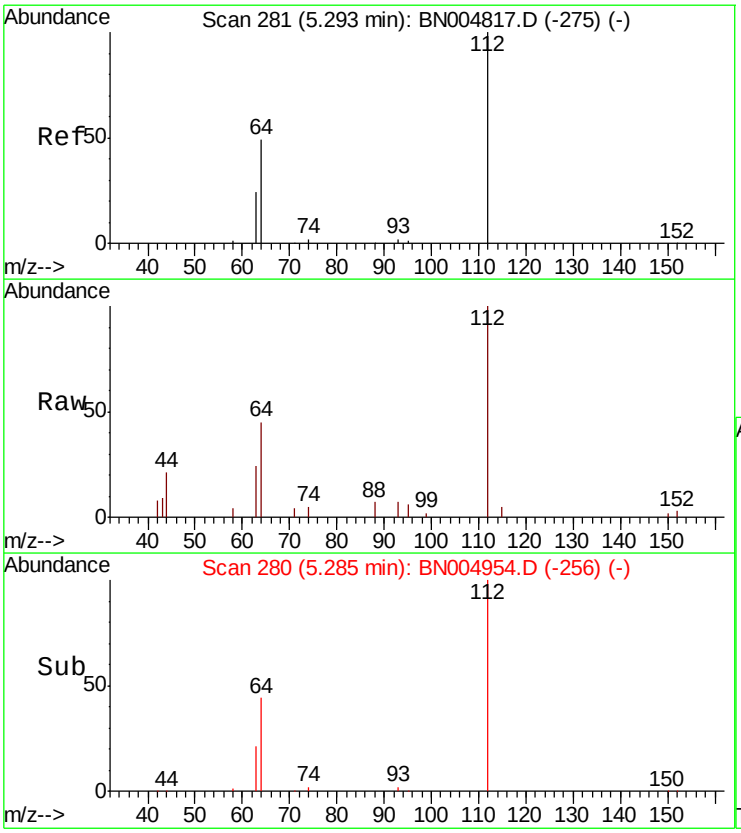
#3
n-Nitrosodimethylamine
Concen: 0.492 ng
RT: 3.55 min Scan# 65
Delta R.T. -0.02 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1154

Ion	Ratio	Lower	Upper
42	100		
74	160.0	128.4	192.6
44	8.0	6.1	9.1

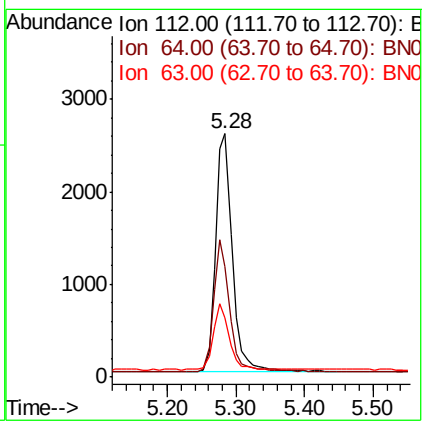


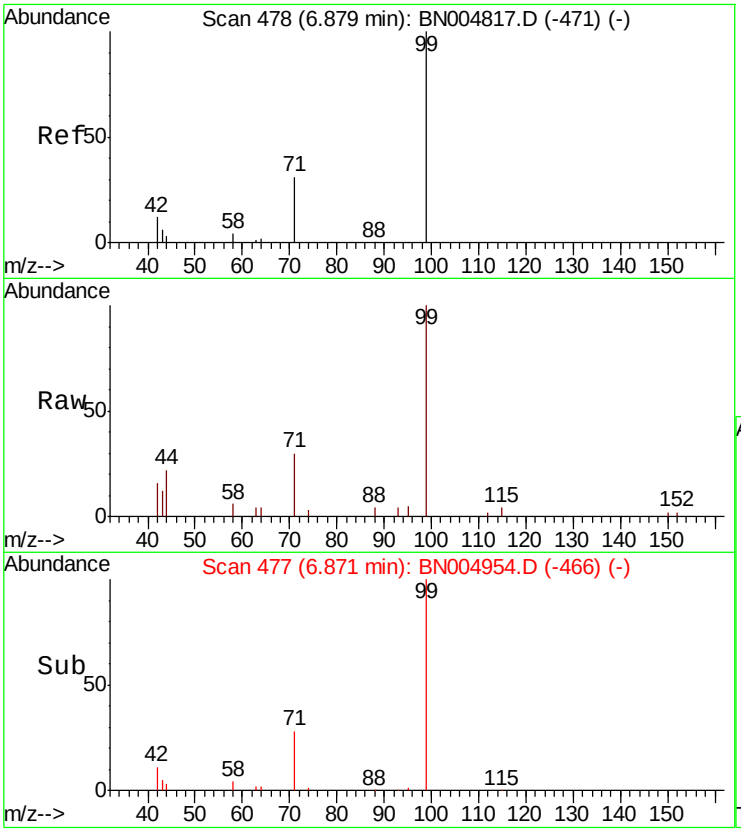


#4
2-Fluorophenol
Concen: 0.470 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:112 Resp: 4453

Ion	Ratio	Lower	Upper
112	100		
64	52.9	40.0	60.0
63	26.4	20.2	30.2



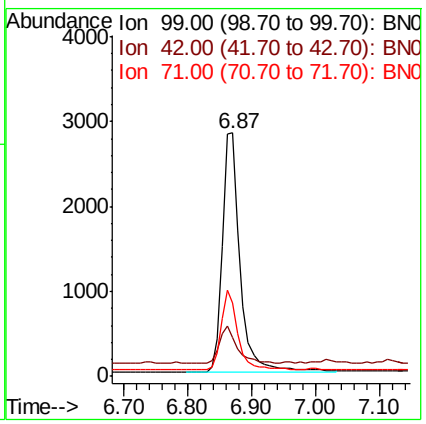


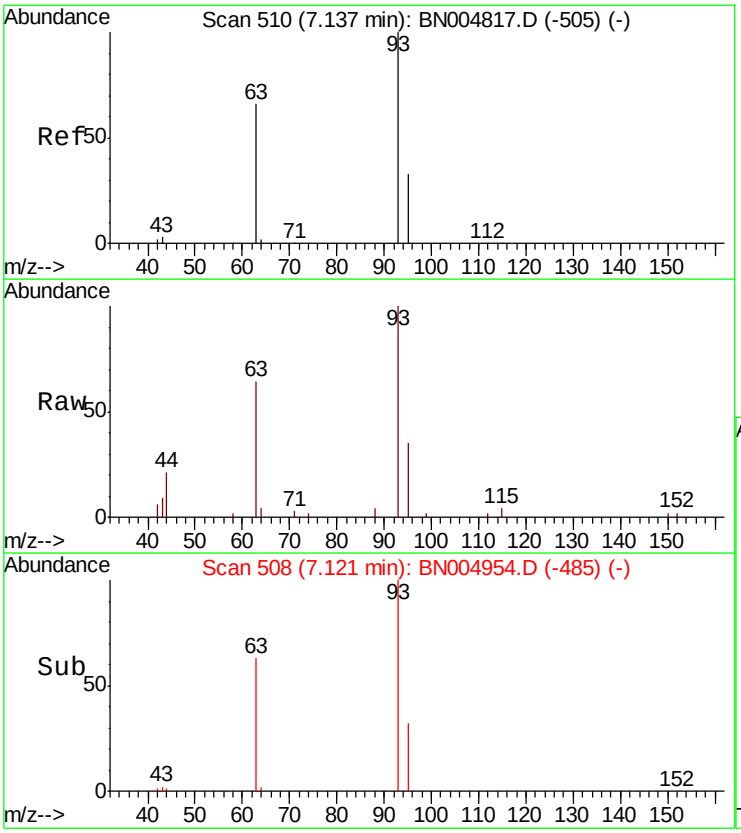
#5
Phenol-d6
Concen: 0.460 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5425

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.7	19.1
71	31.4	26.6	40.0

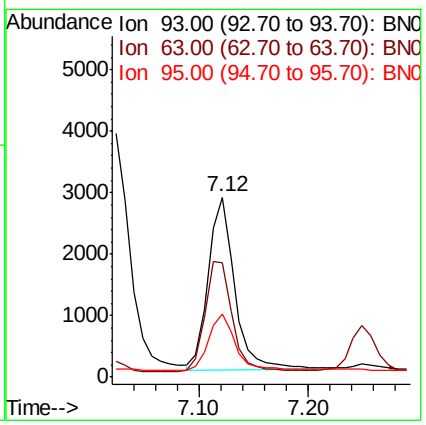


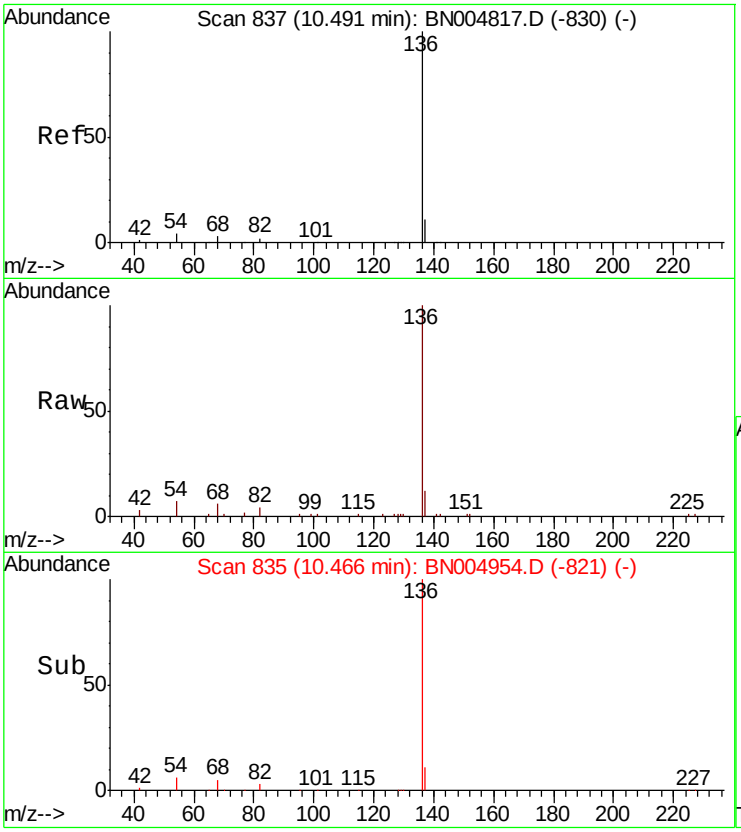


#6
bis(2-Chloroethyl)ether
Concen: 0.447 ng
RT: 7.12 min Scan# 508
Delta R.T. -0.02 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion: 93 Resp: 4760

Ion	Ratio	Lower	Upper
93	100		
63	66.4	52.6	78.8
95	31.6	25.9	38.9



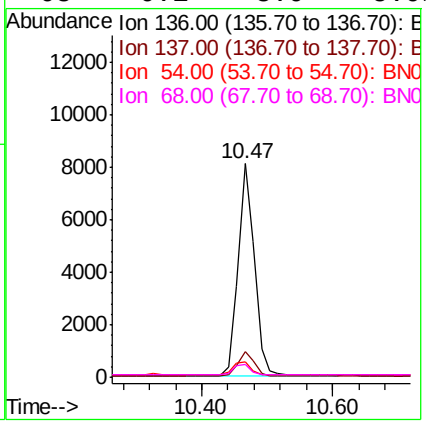


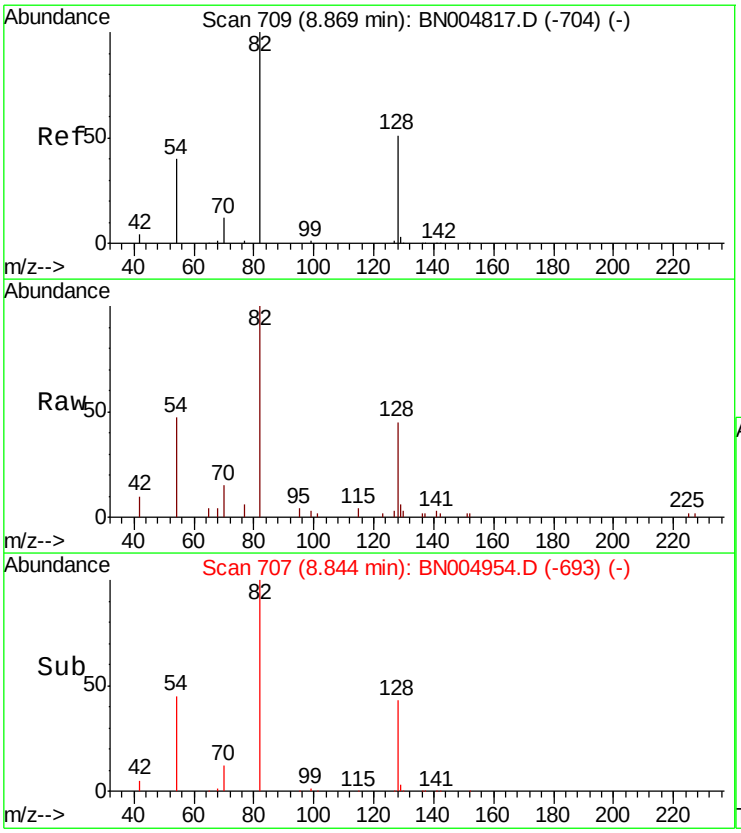
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 14060

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	7.1	4.2	6.2#
68	6.1	3.9	5.9#

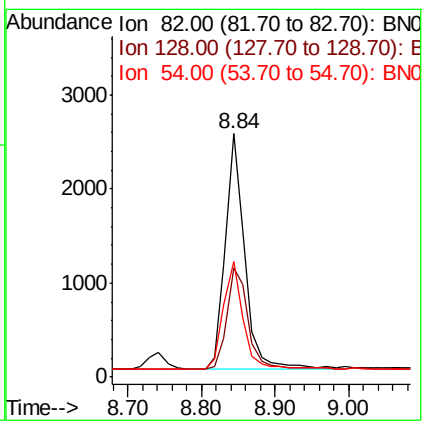


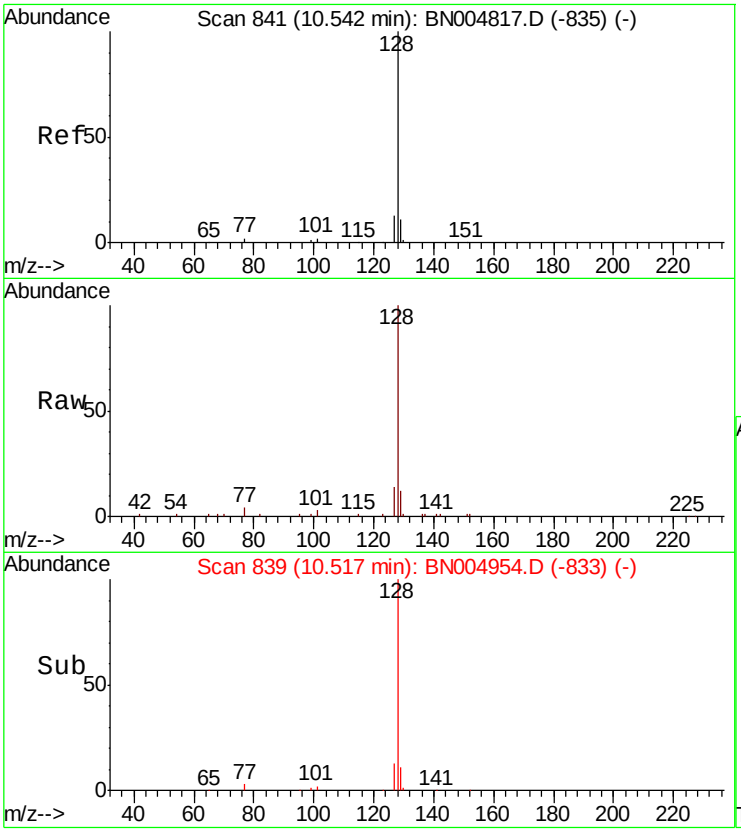


#8
Nitrobenzene-d5
Concen: 0.490 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion: 82 Resp: 4560

Ion	Ratio	Lower	Upper
82	100		
128	44.6	43.0	64.6
54	47.4	35.3	52.9



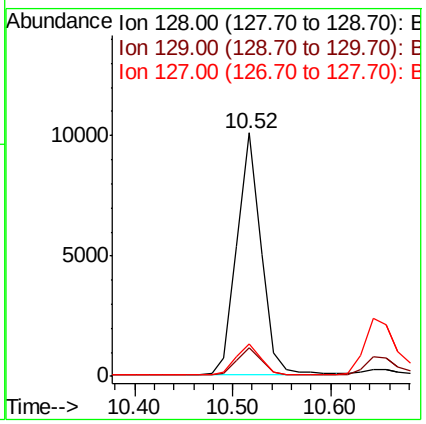


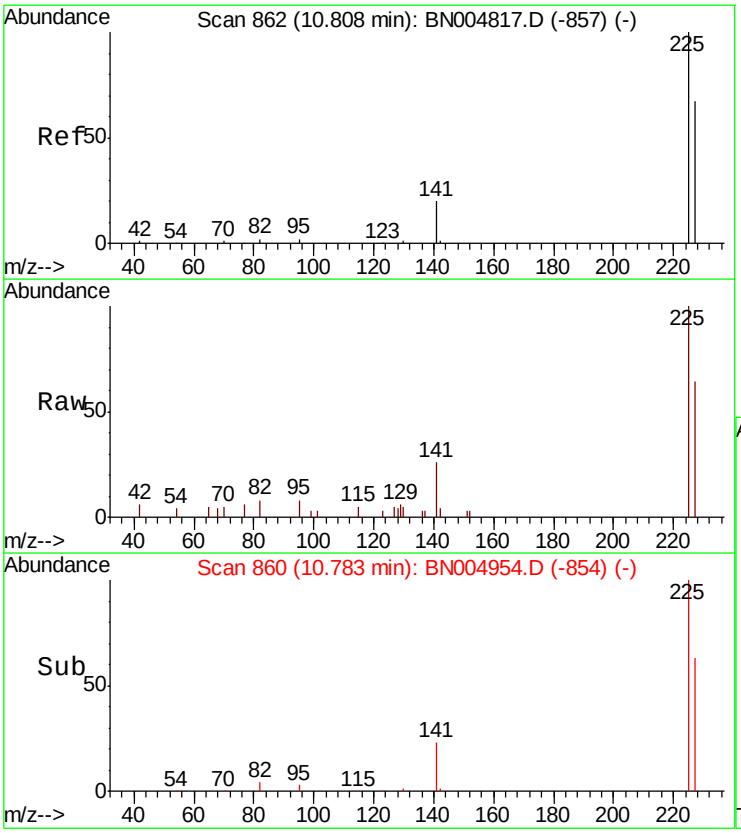
#9
Naphthalene
Concen: 0.432 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.03 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 17020

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.9	14.9
127	13.5	11.3	16.9

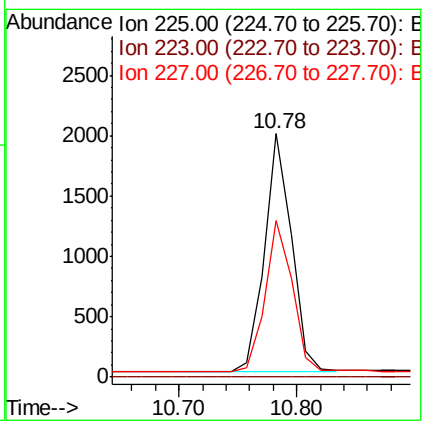


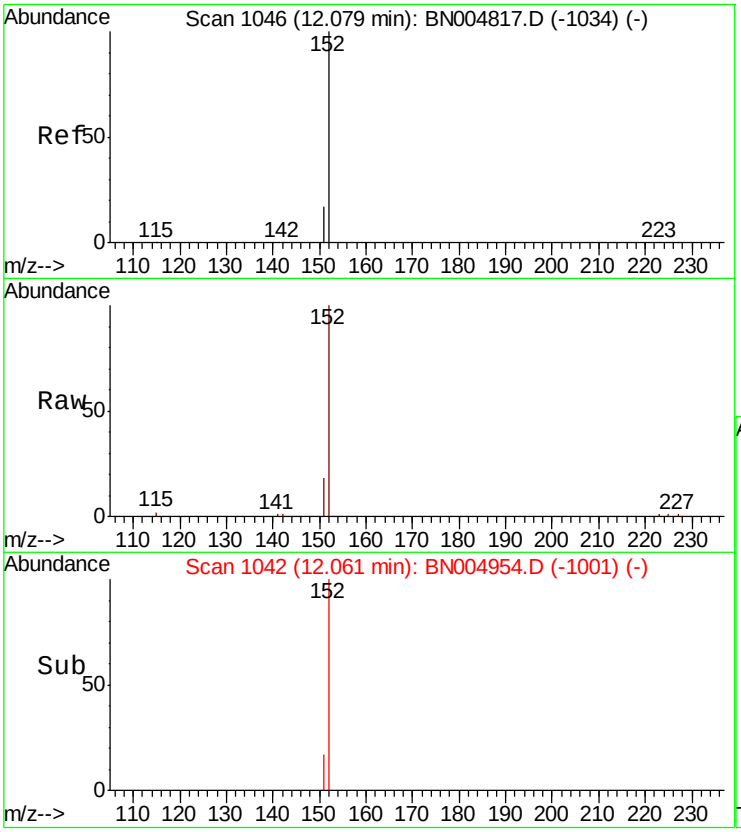


#10
Hexachlorobutadiene
Concen: 0.419 ng
RT: 10.78 min Scan# 860
Delta R.T. -0.03 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:225 Resp: 3155

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	52.2	78.4



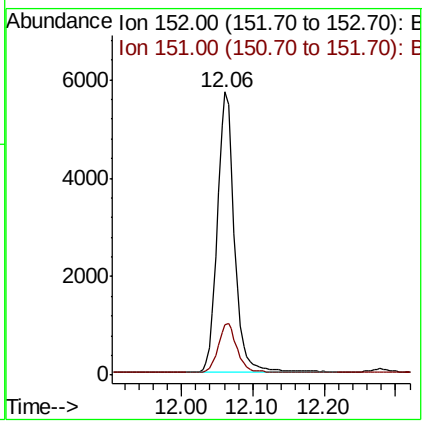


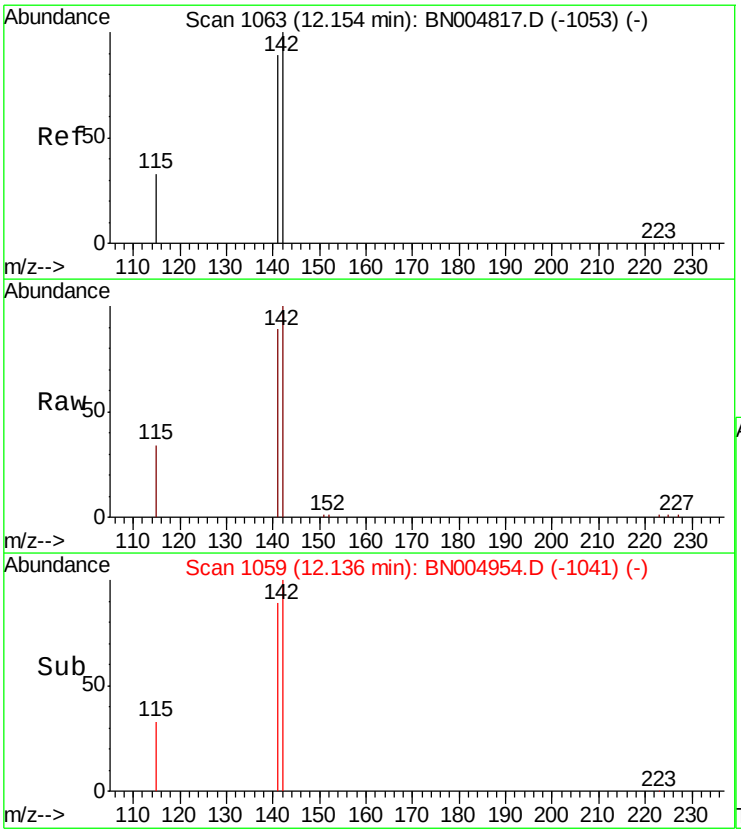
#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 12.06 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9587

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3

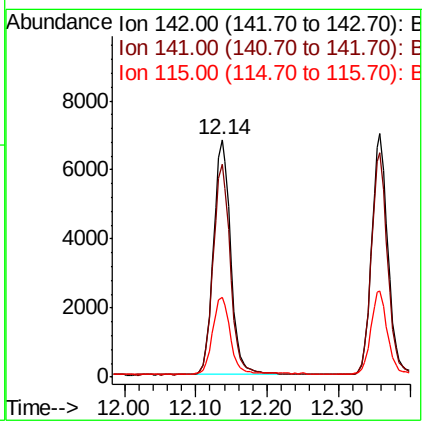


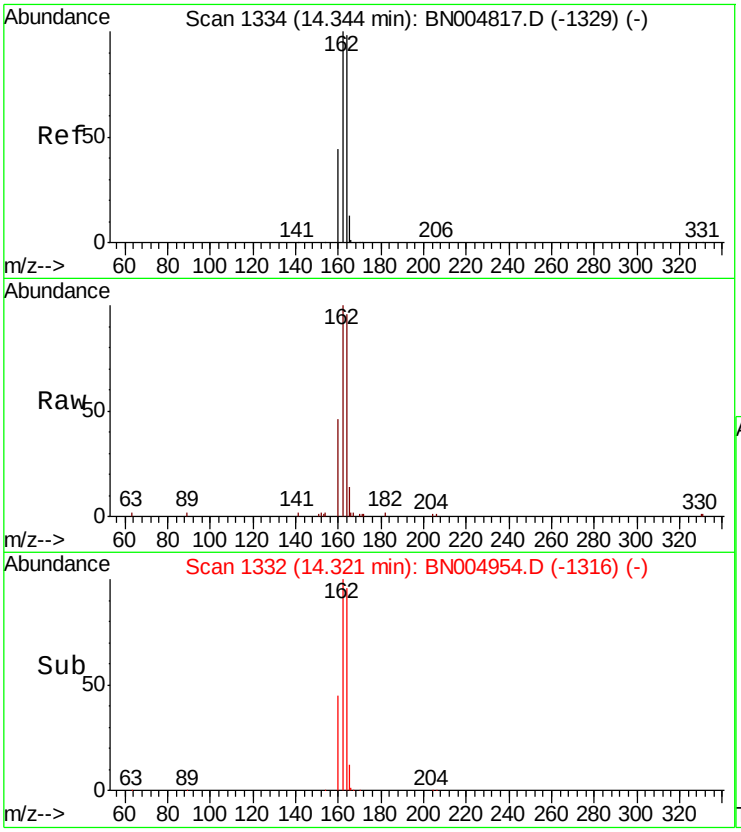


#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.14 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:142 Resp: 11522

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	33.7	27.5	41.3



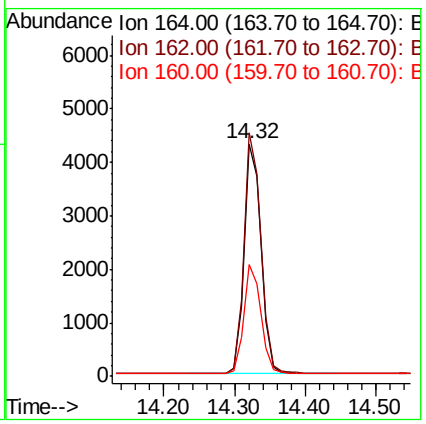


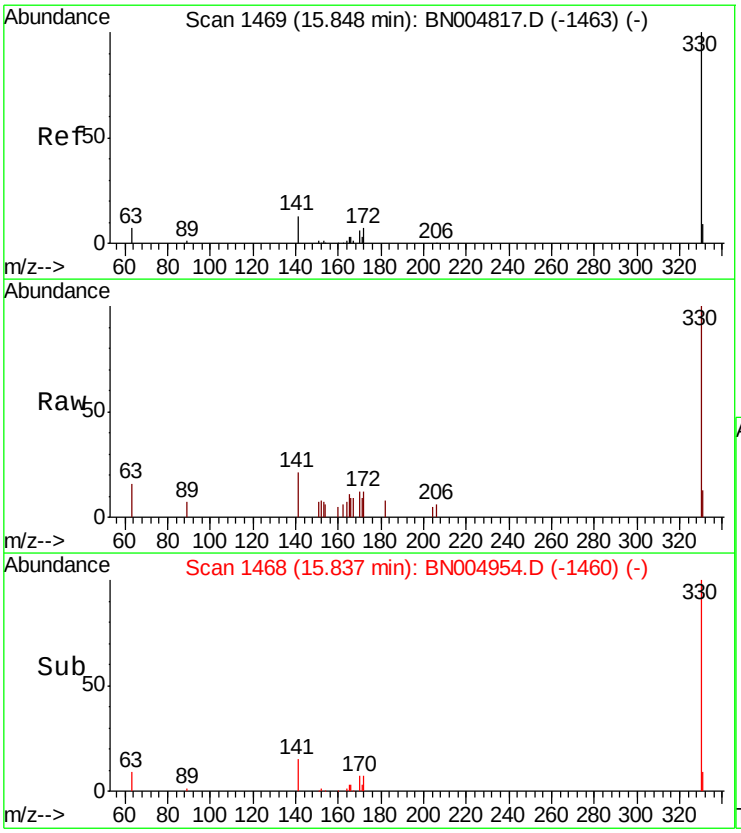
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 7045

Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.9	122.9
160	48.2	36.6	54.8

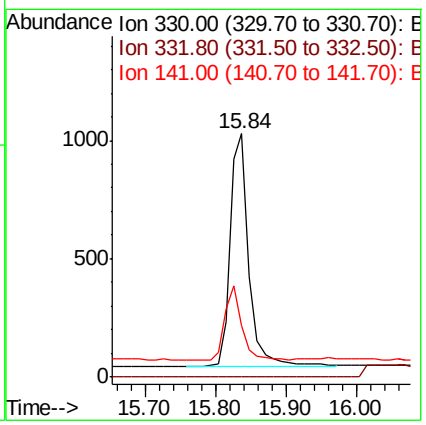


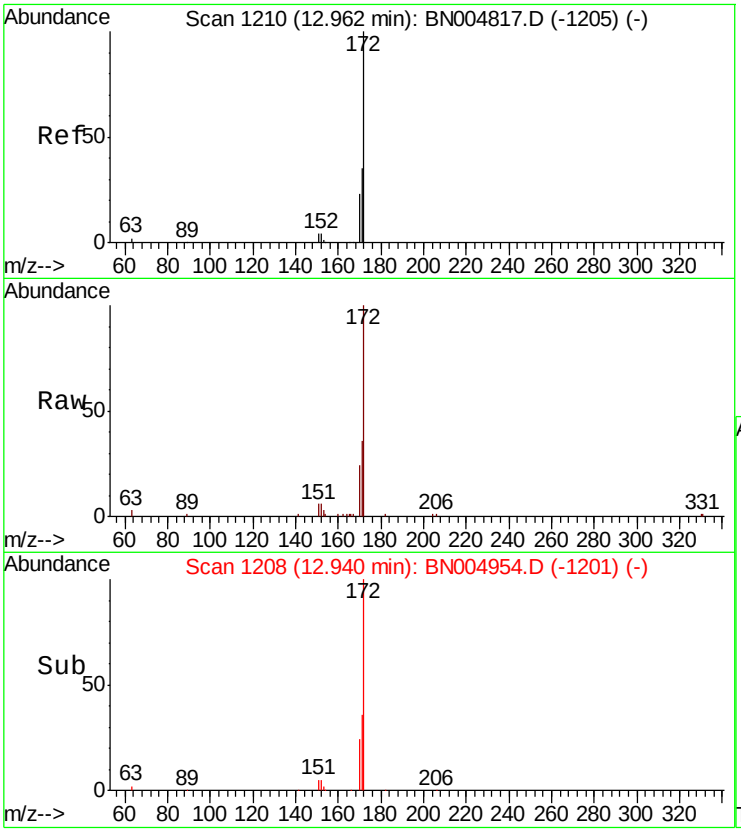


#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:330 Resp: 1803

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.4	20.9	31.3



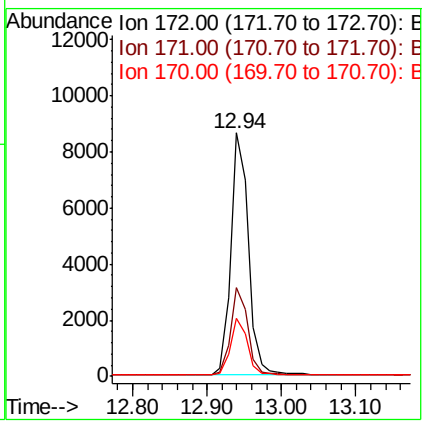


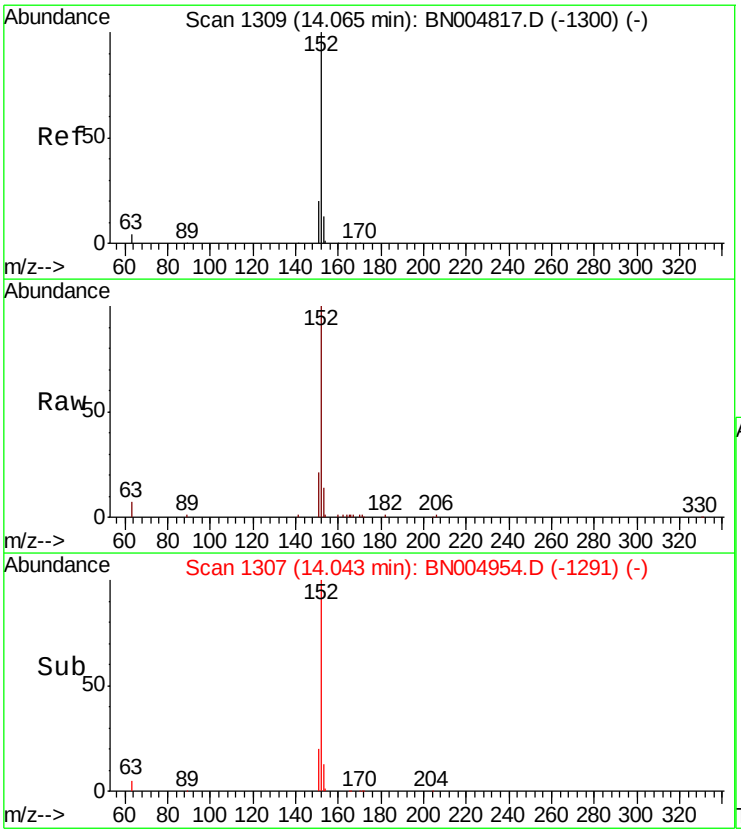
#15
2-Fluorobiphenyl
Concen: 0.485 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 14133

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.7	43.1
170	24.1	18.7	28.1

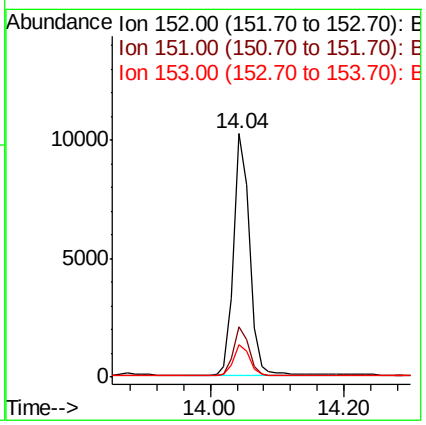


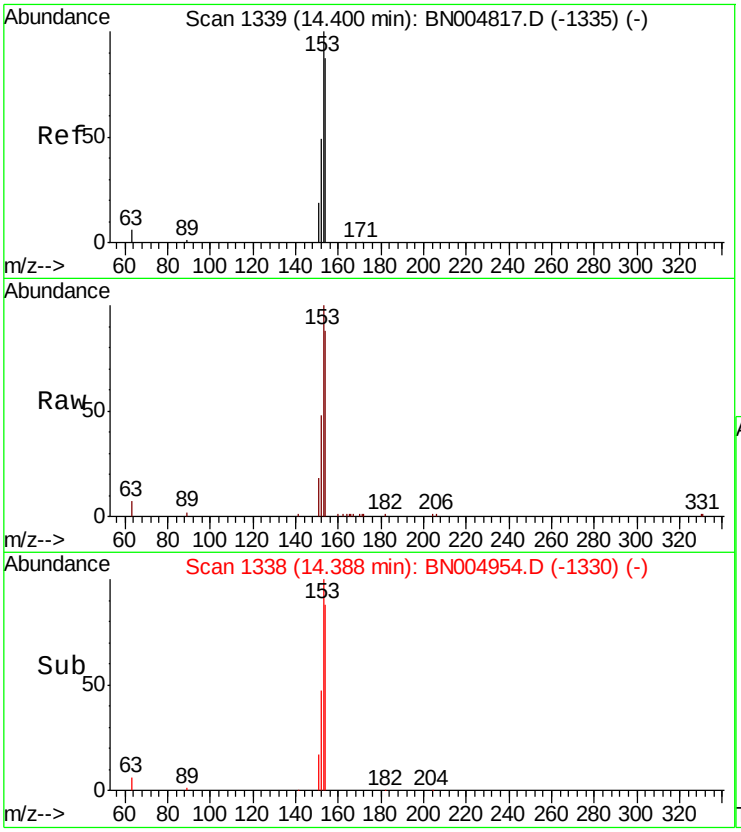


#16
Acenaphthylene
Concen: 0.458 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:152 Resp: 16628

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.2	10.5	15.7



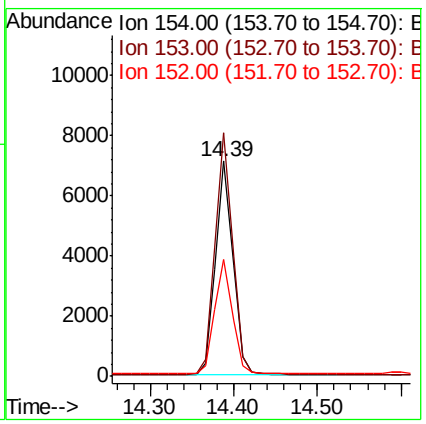


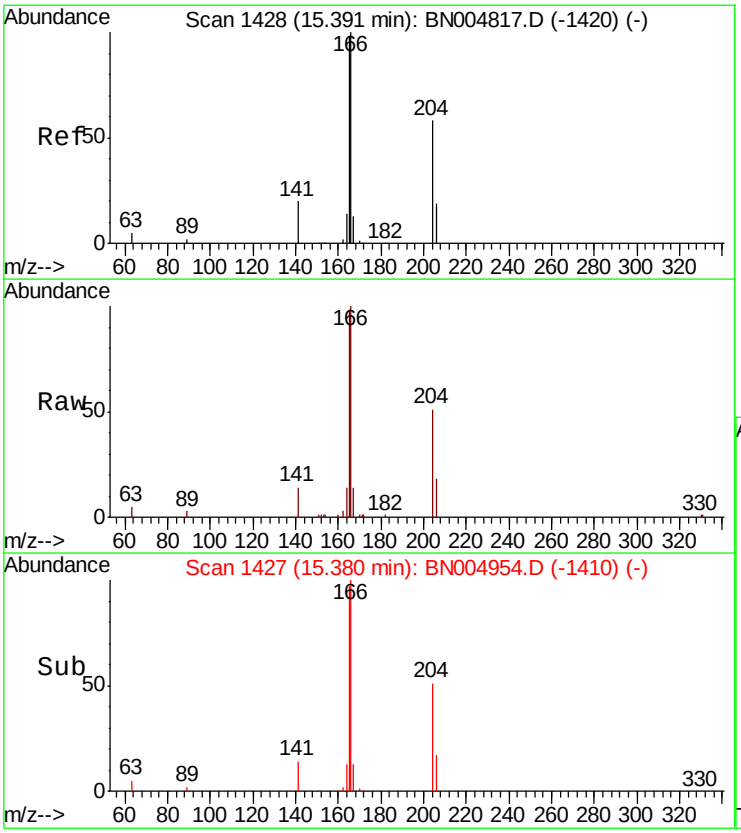
#17
Acenaphthene
Concen: 0.432 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10266

Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.4	137.2
152	54.7	44.2	66.2

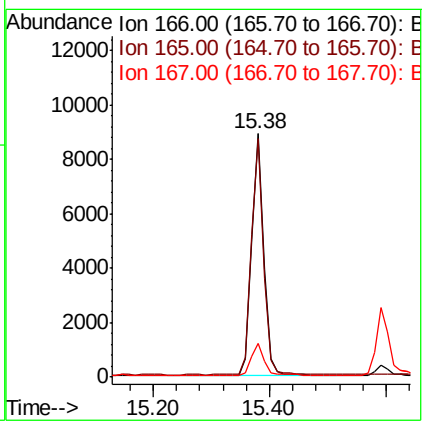


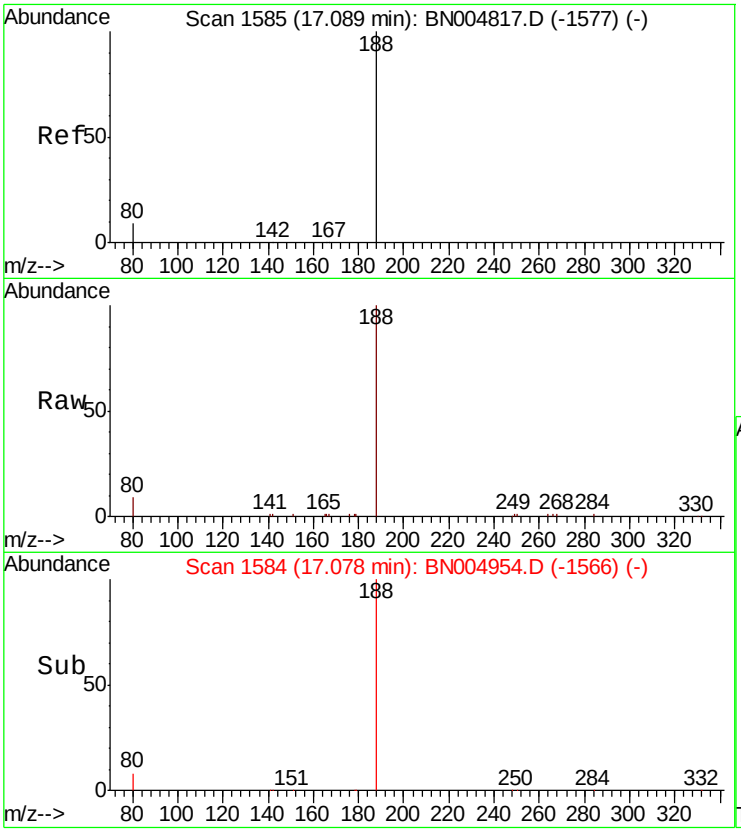


#18
Fluorene
Concen: 0.392 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:166 Resp: 13001

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.4
167	13.4	11.0	16.4



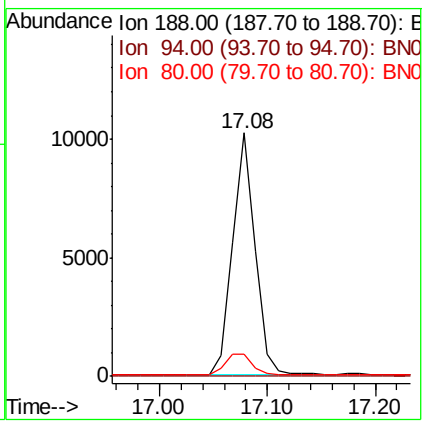


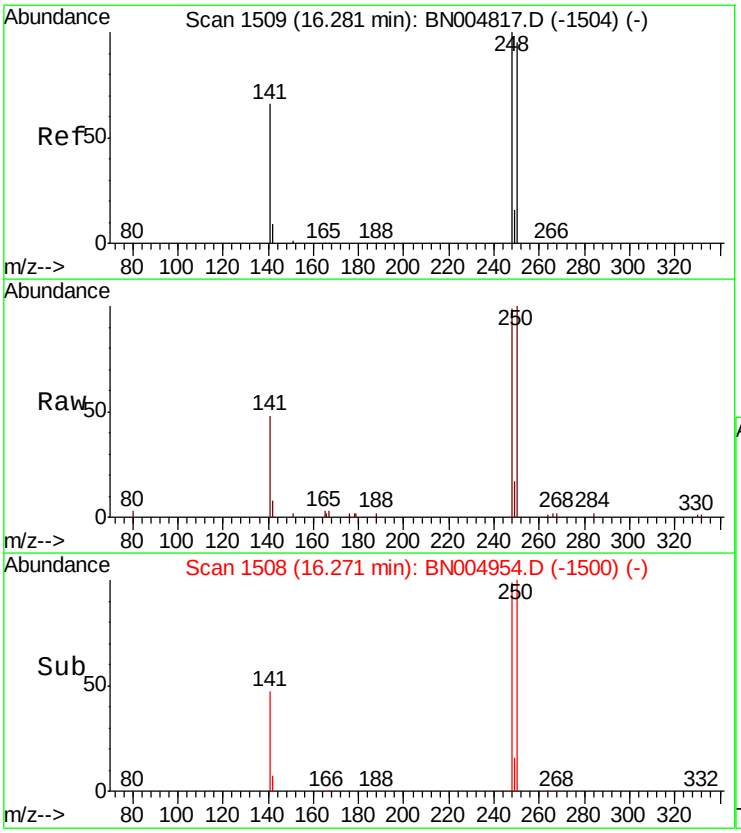
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 14825

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	7.4	11.2

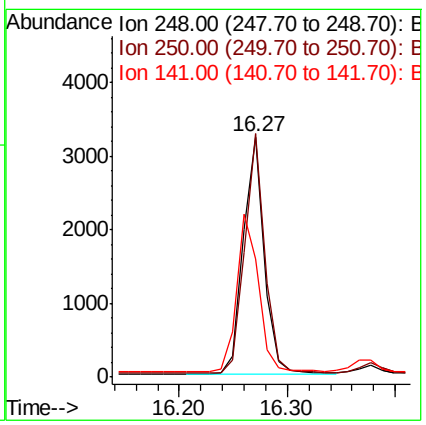


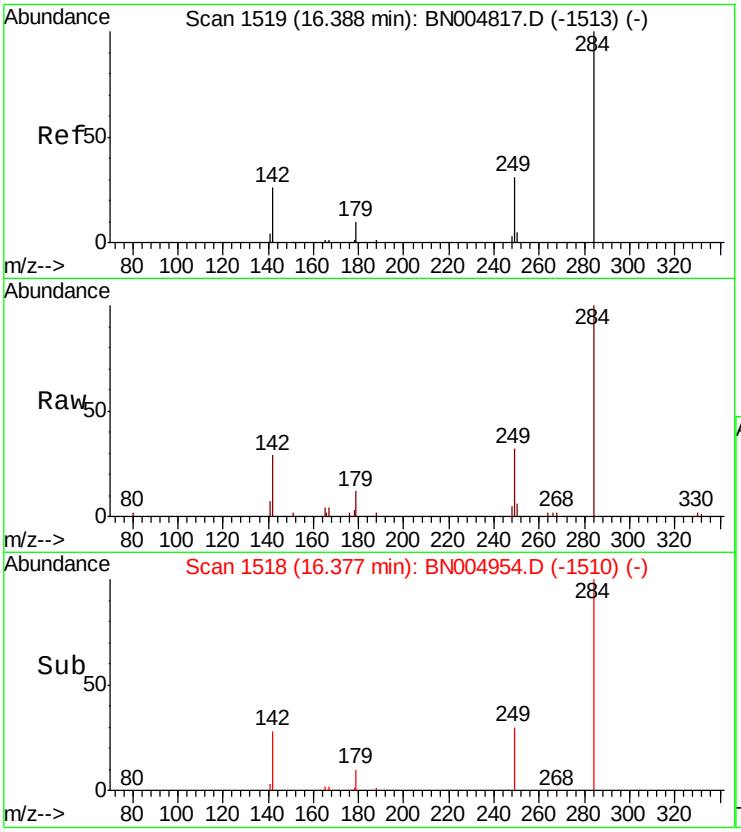


#20
4-Bromophenyl-phenylether
Concen: 0.445 ng
RT: 16.27 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:248 Resp: 4306

Ion	Ratio	Lower	Upper
248	100		
250	101.4	76.2	114.4
141	49.0	53.9	80.9#



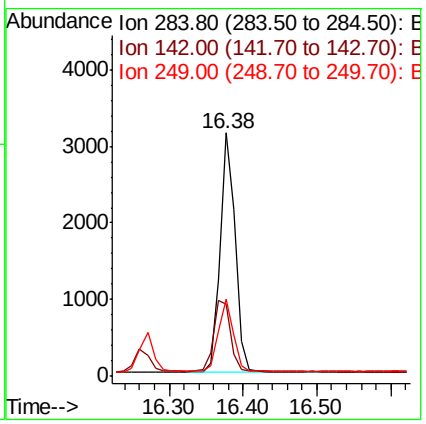


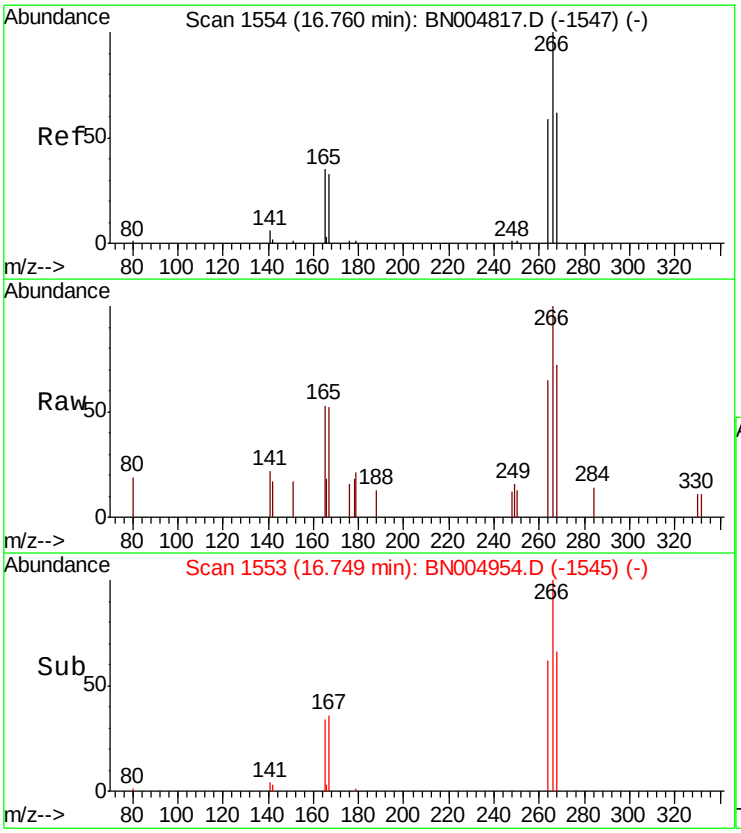
#21
Hexachlorobenzene
Concen: 0.407 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4509

Ion	Ratio	Lower	Upper
284	100		
142	32.7	22.6	34.0
249	29.8	22.5	33.7

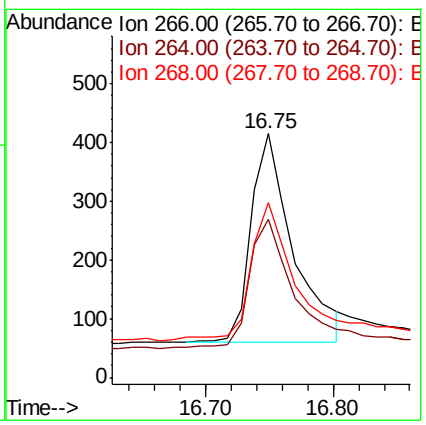


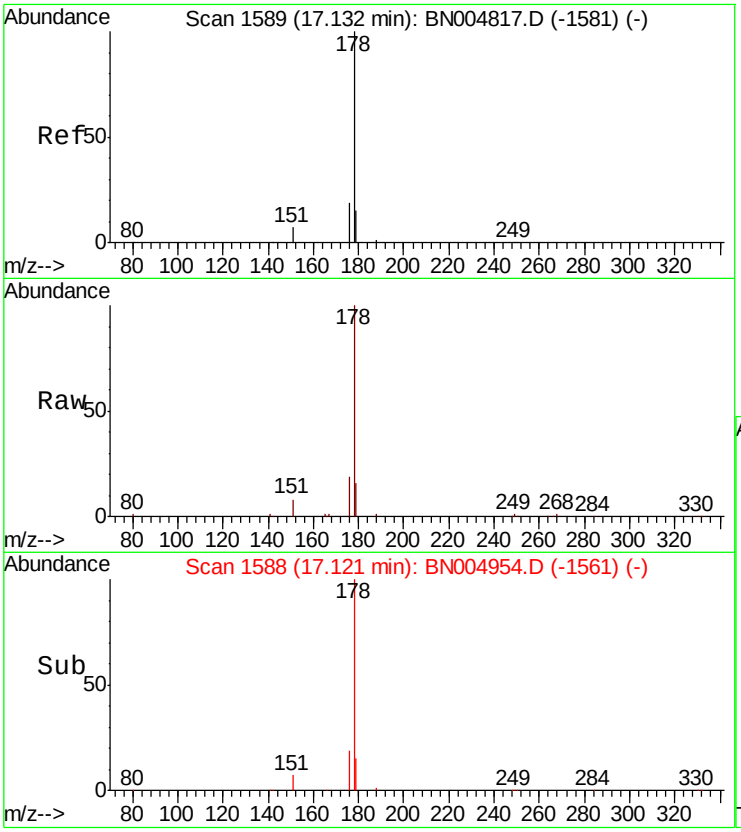


#22
Pentachlorophenol
Concen: 0.376 ng
RT: 16.75 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:266 Resp: 816

Ion	Ratio	Lower	Upper
266	100		
264	64.8	53.1	79.7
268	71.6	57.7	86.5



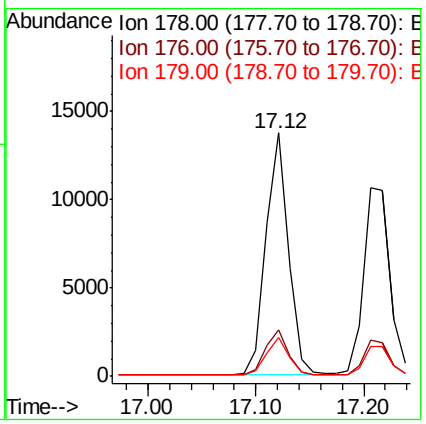


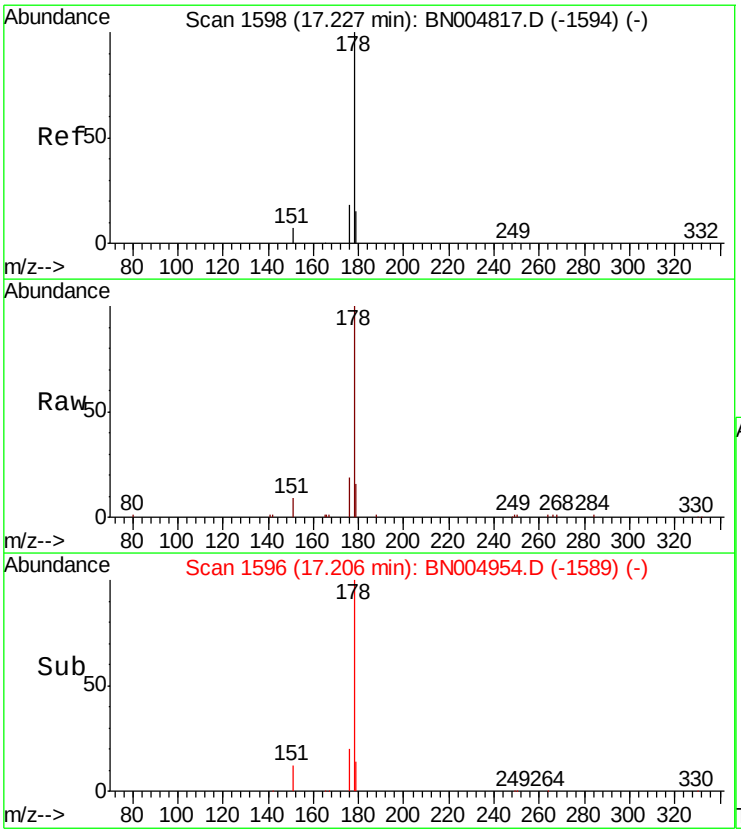
#23
Phenanthrene
Concen: 0.416 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 19920

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.3	12.1	18.1

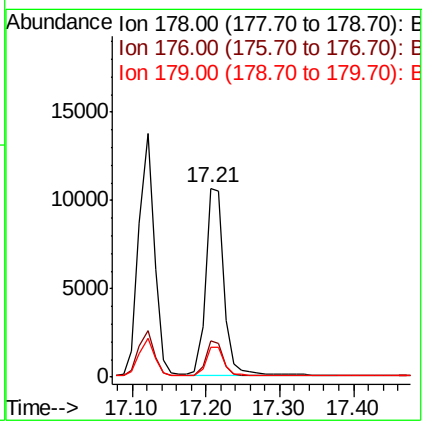


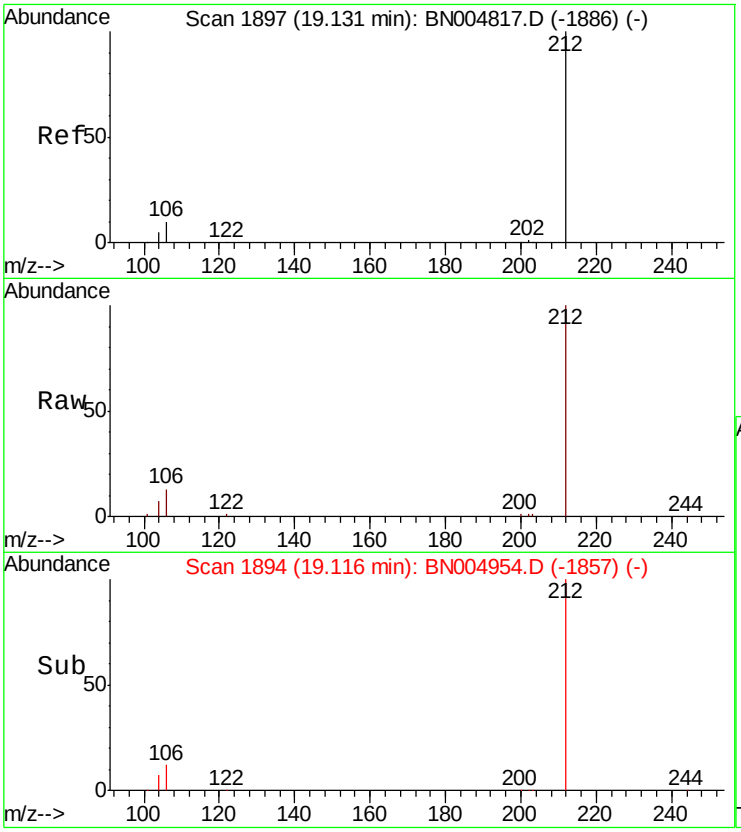


#24
Anthracene
Concen: 0.426 ng
RT: 17.21 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:178 Resp: 18210

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.3	12.2	18.4



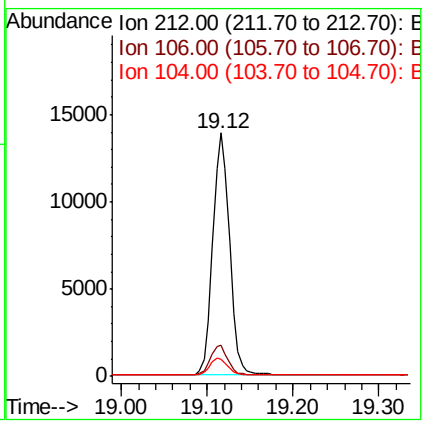


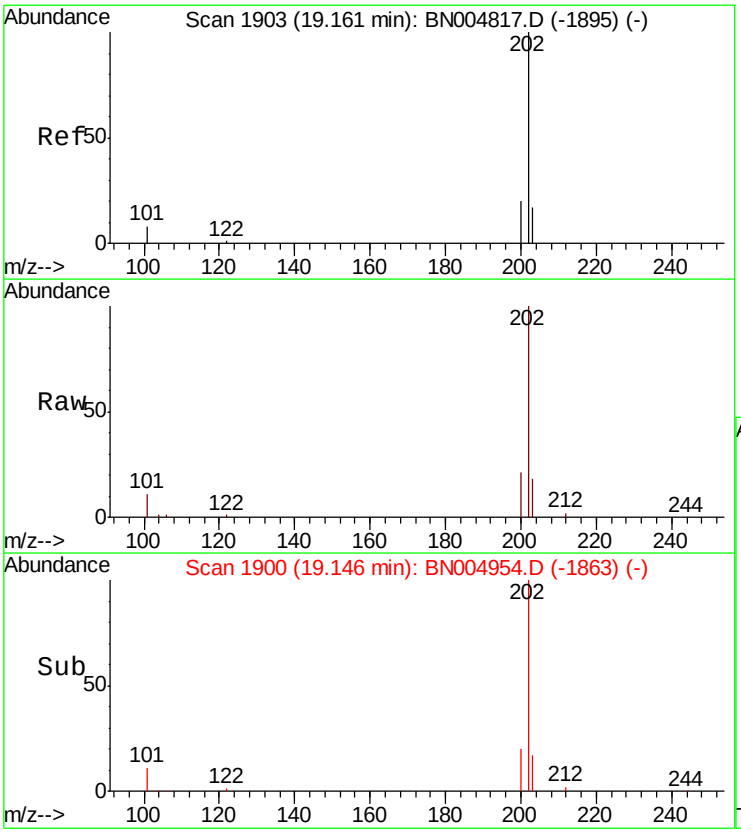
#25
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 18936

Ion	Ratio	Lower	Upper
212	100		
106	12.5	8.6	13.0
104	7.1	4.7	7.1

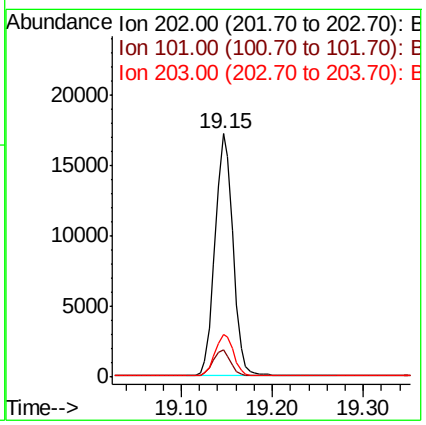


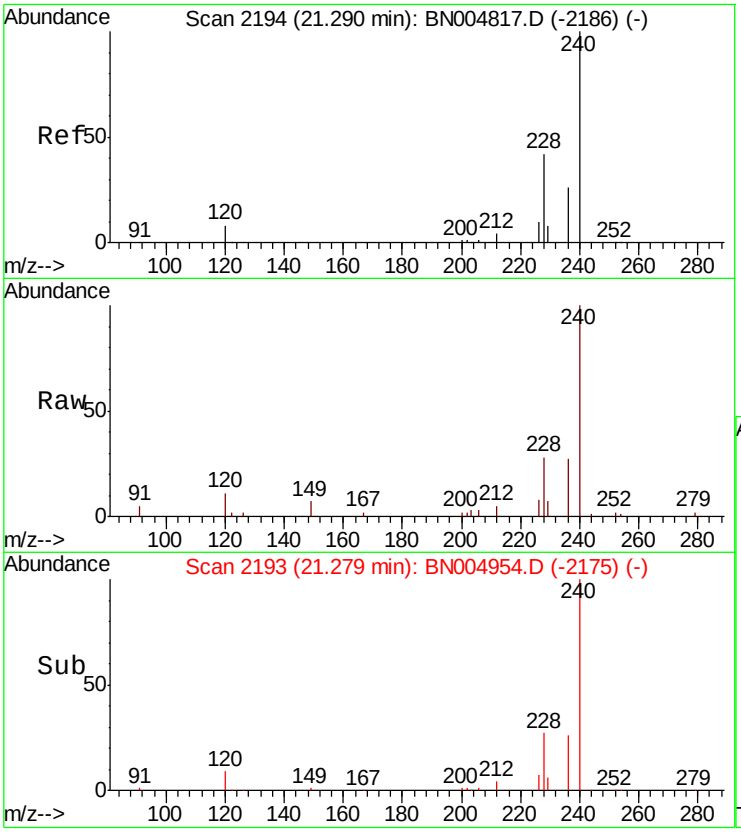


#26
Fluoranthene
Concen: 0.378 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:202 Resp: 23231

Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.5	11.3
203	17.1	13.8	20.6



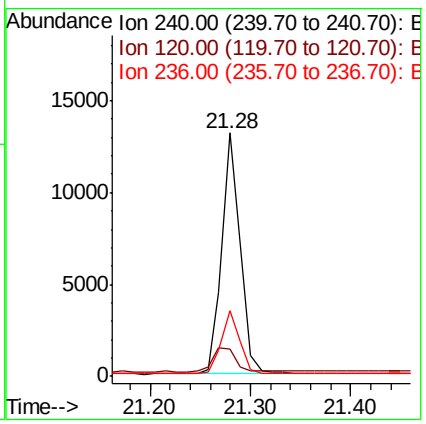


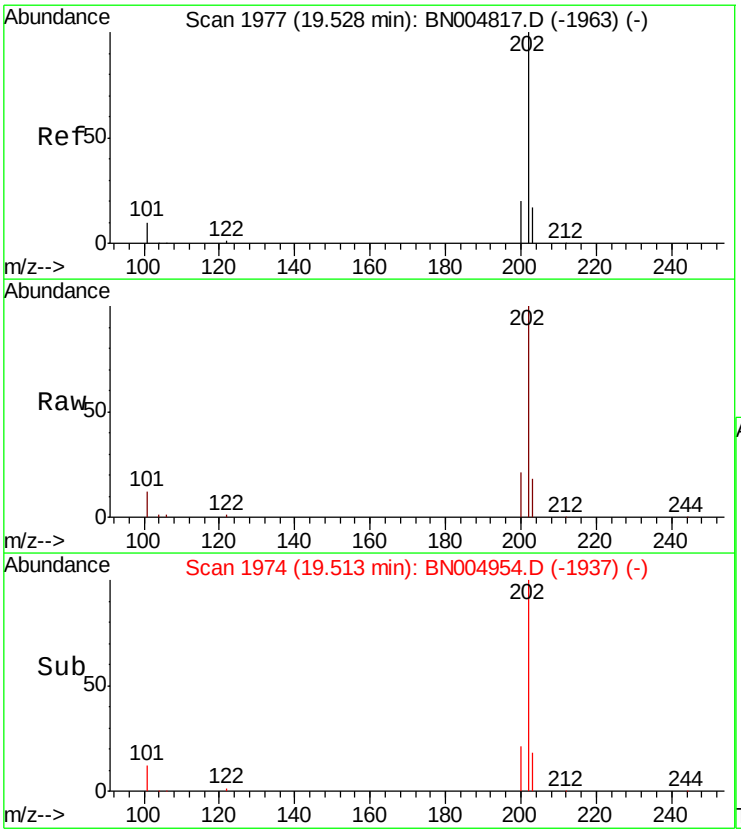
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 16828

Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.2	10.8#
236	27.2	20.9	31.3

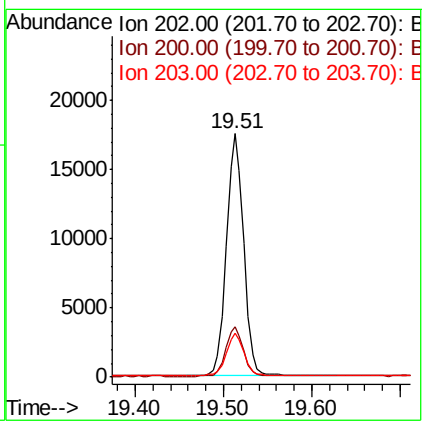


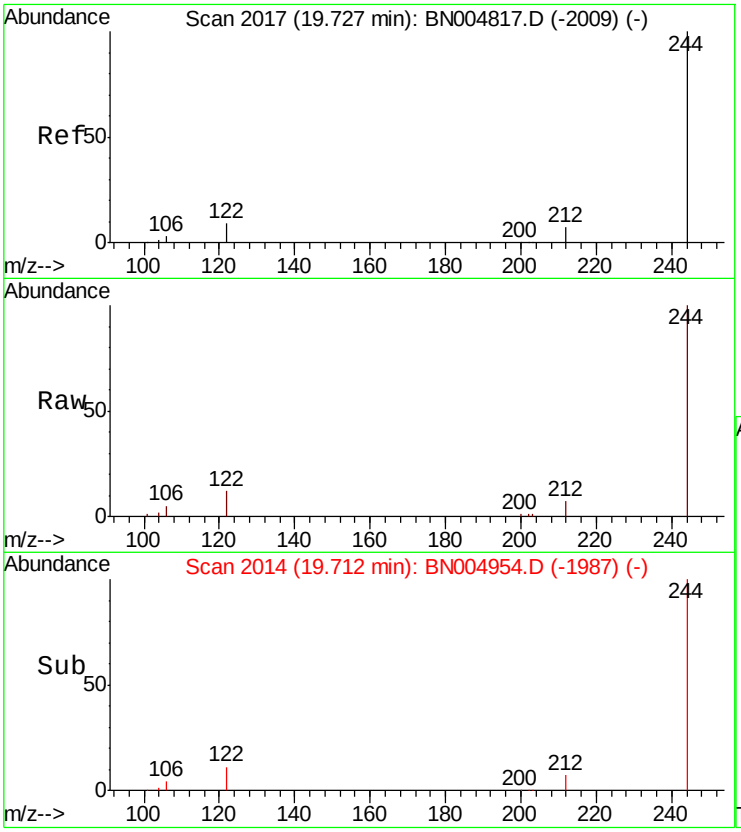


#28
Pyrene
Concen: 0.465 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:202 Resp: 23846

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.7	14.0	21.0



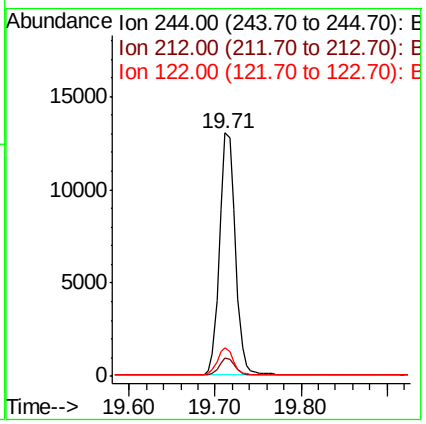


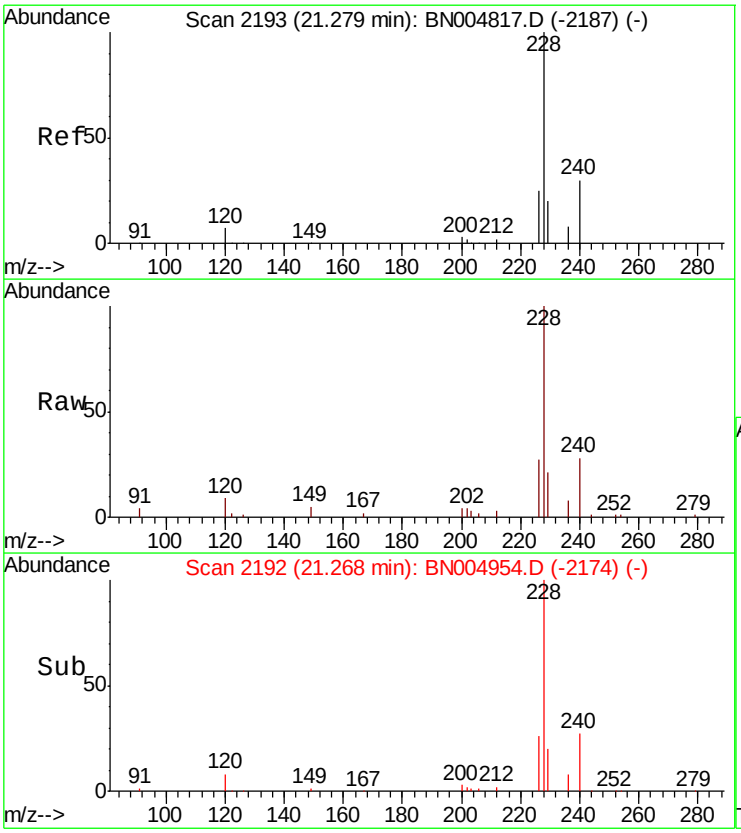
#29
Terphenyl-d14
Concen: 0.485 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 16695

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	12.0	7.9	11.9#

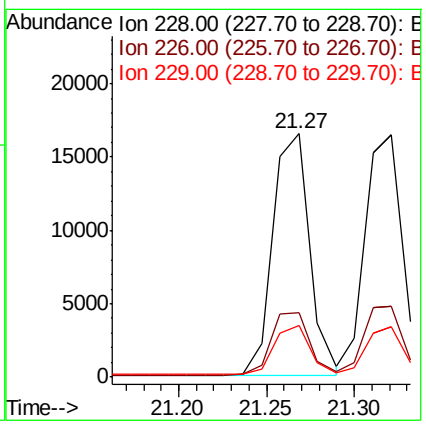


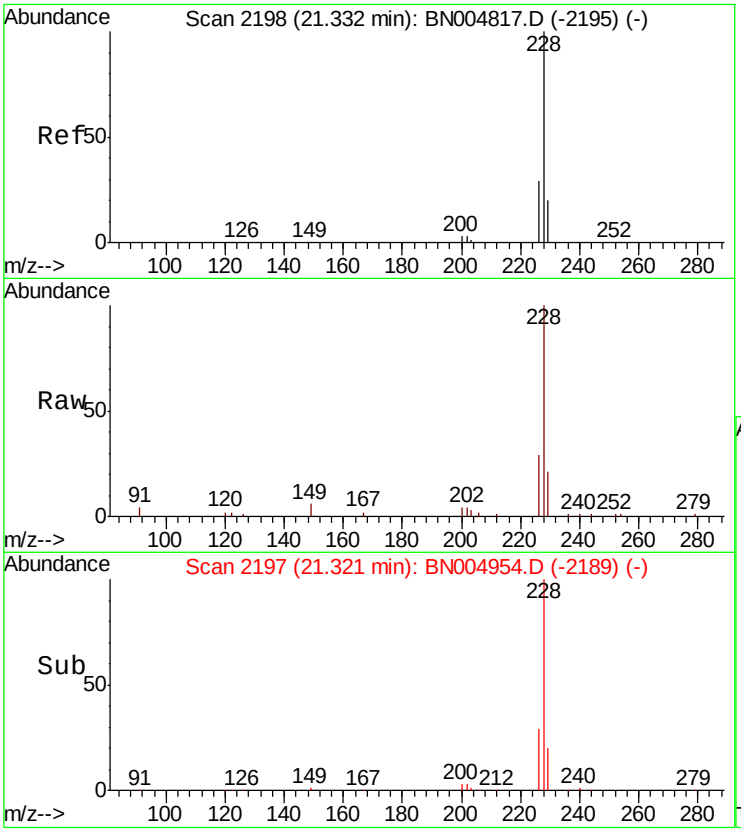


#30
Benzo(a)anthracene
Concen: 0.436 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:228 Resp: 24067

Ion	Ratio	Lower	Upper
228	100		
226	26.7	20.6	31.0
229	21.0	16.2	24.4



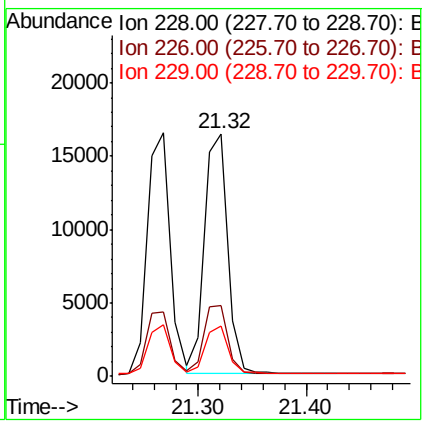


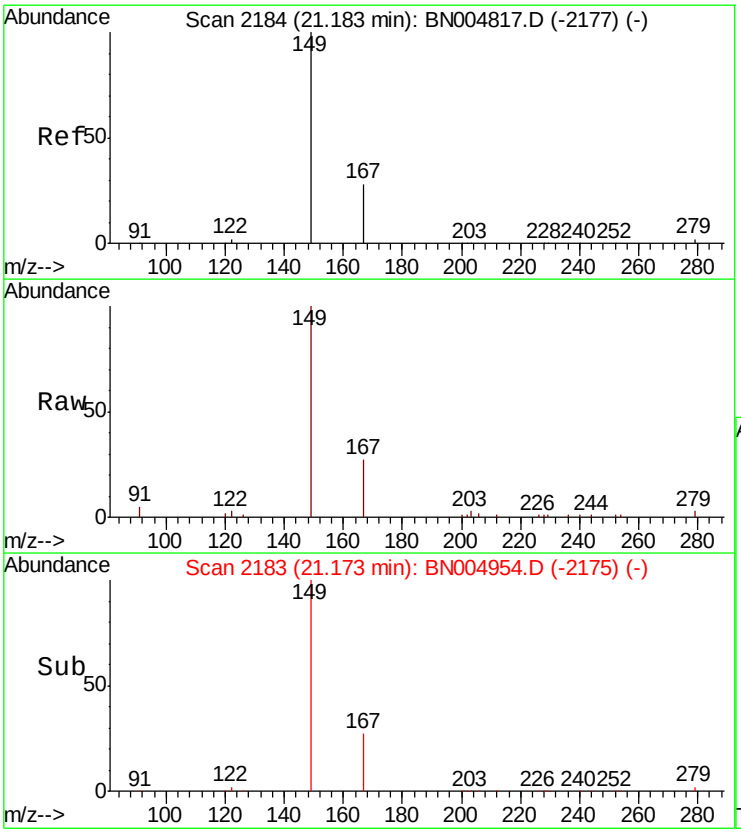
#31
Chrysene
Concen: 0.420 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 24385

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.6
229	21.0	16.2	24.2

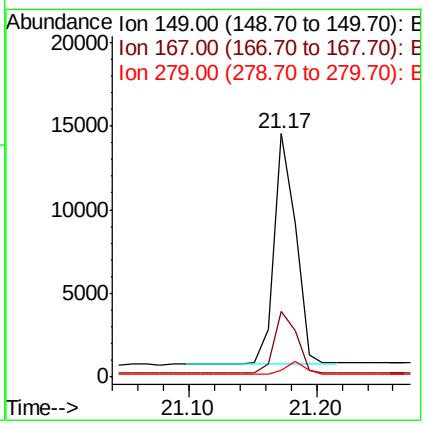


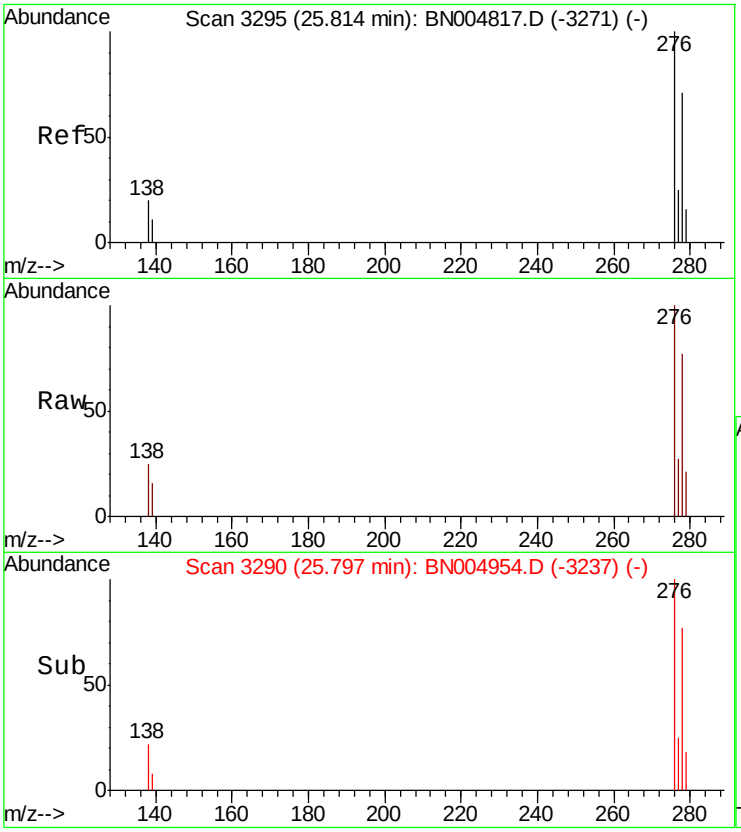


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.729 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:149 Resp: 16083

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.0	34.4
279	5.2	4.6	6.8



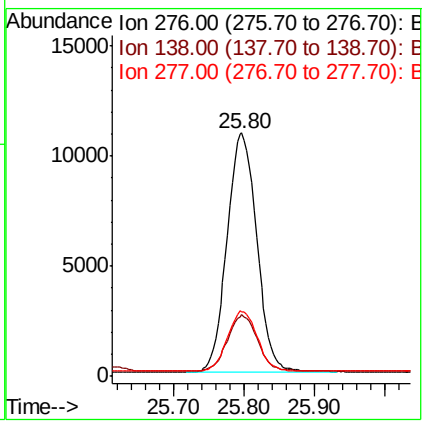


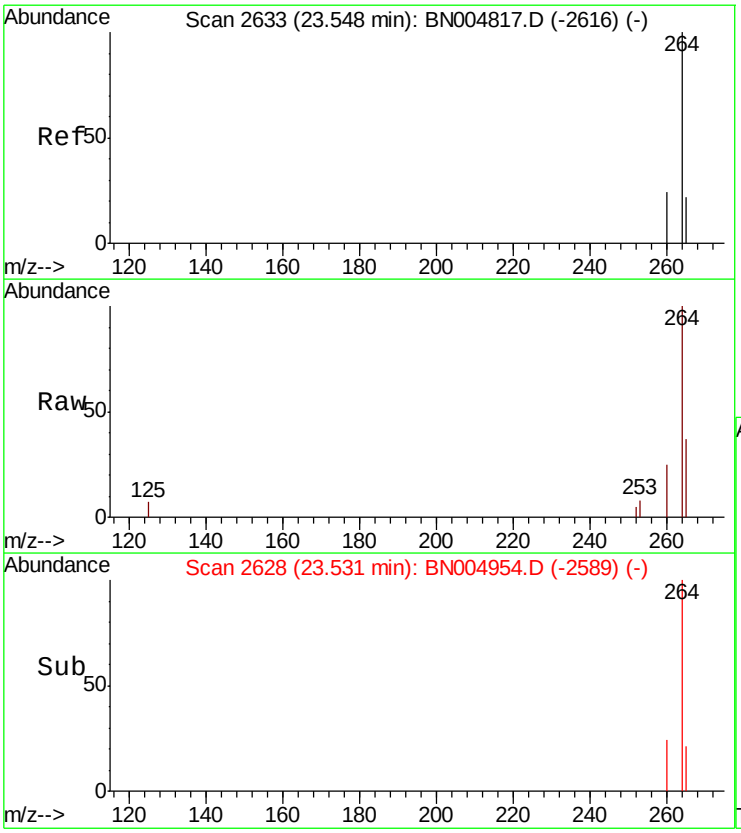
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng
RT: 25.80 min Scan# 3290
Delta R.T. -0.02 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 32112

Ion	Ratio	Lower	Upper
276	100		
138	23.2	16.6	24.8
277	25.3	20.3	30.5

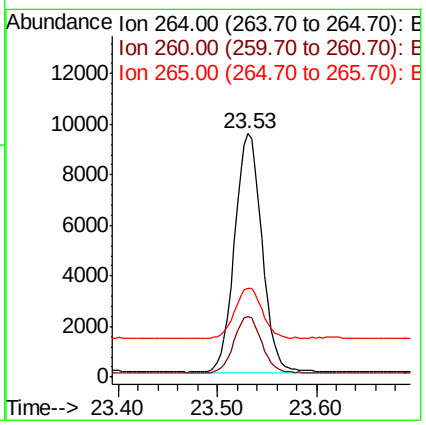


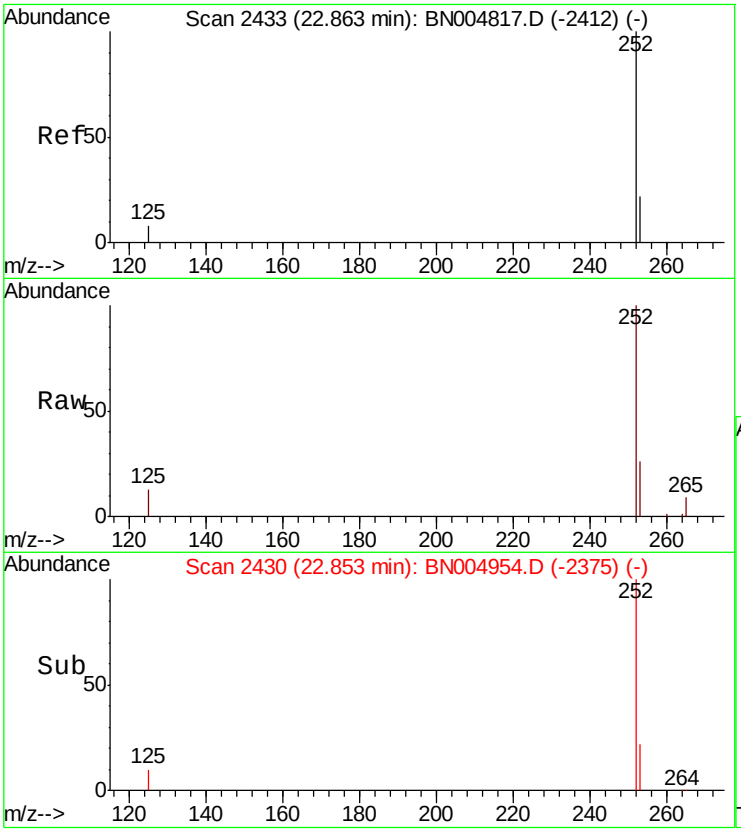


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2628
Delta R.T. -0.02 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:264 Resp: 18032

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	36.7	23.1	34.7#



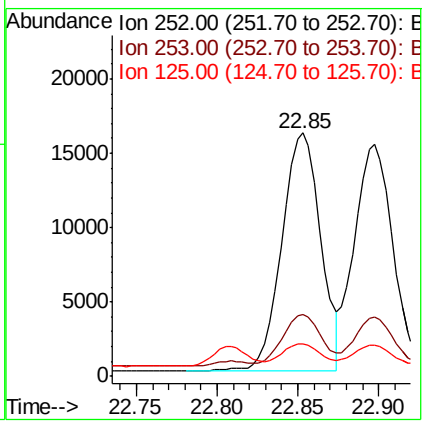


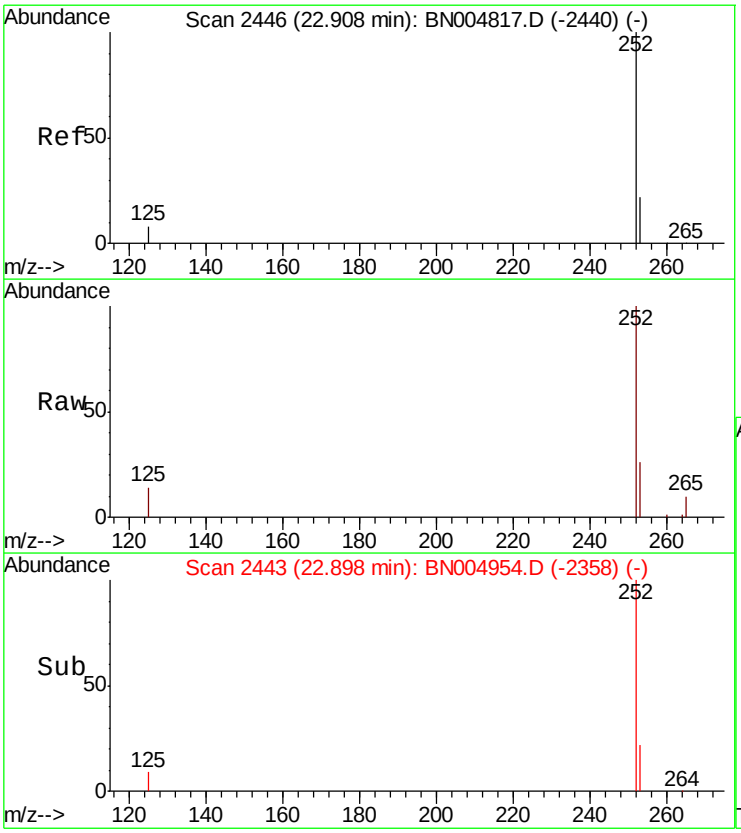
#35
Benzo(b)fluoranthene
Concen: 0.412 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 26869

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.0	28.4
125	13.5	7.4	11.2#

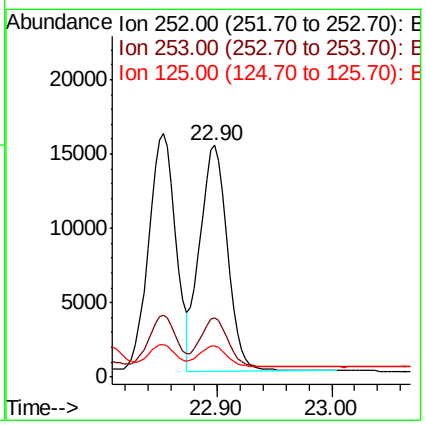


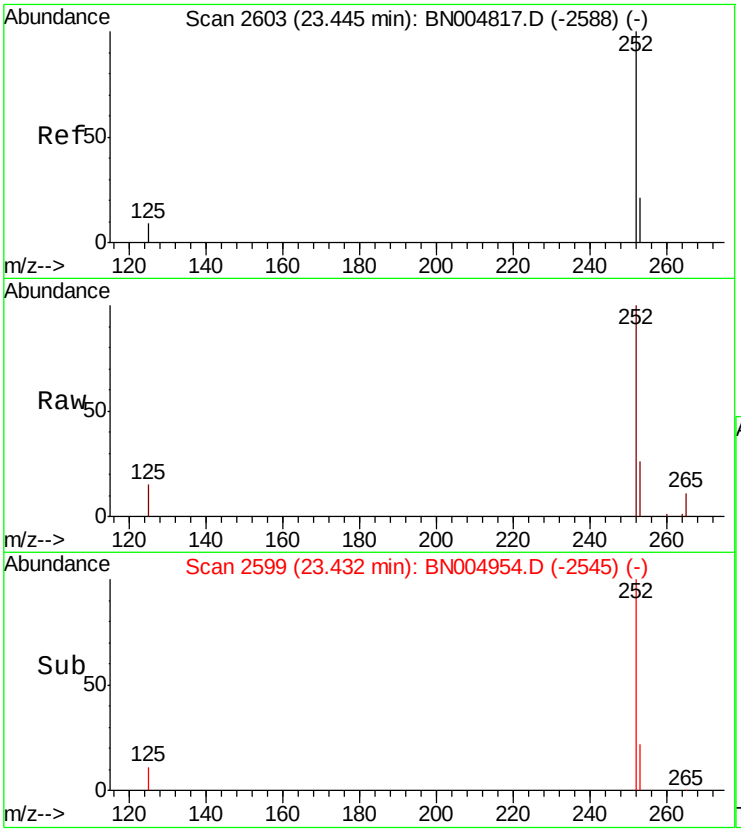


#36
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 22.90 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:252 Resp: 25606

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.3	28.9
125	13.5	7.4	11.0#



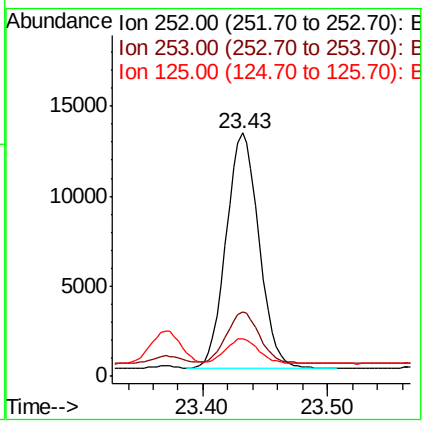


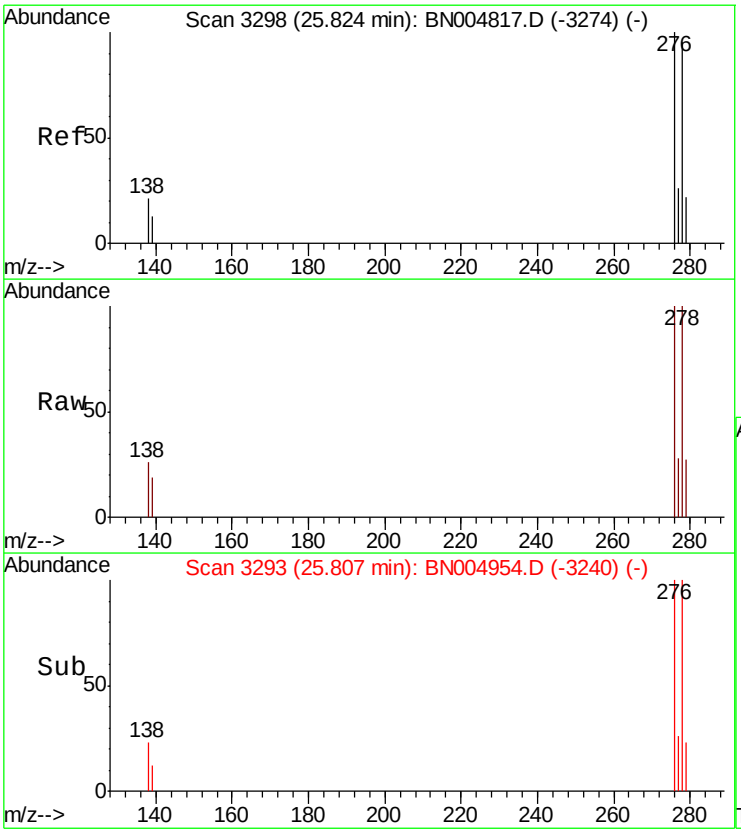
#37
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.43 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 23946

Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.7	29.5
125	15.4	8.3	12.5#

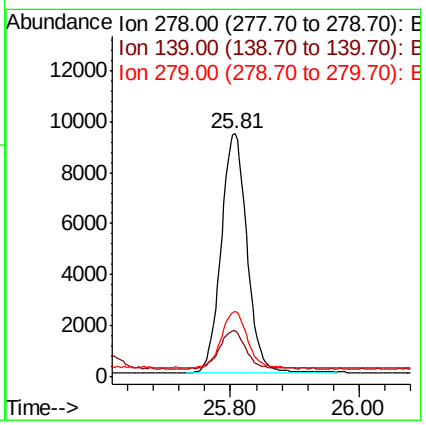


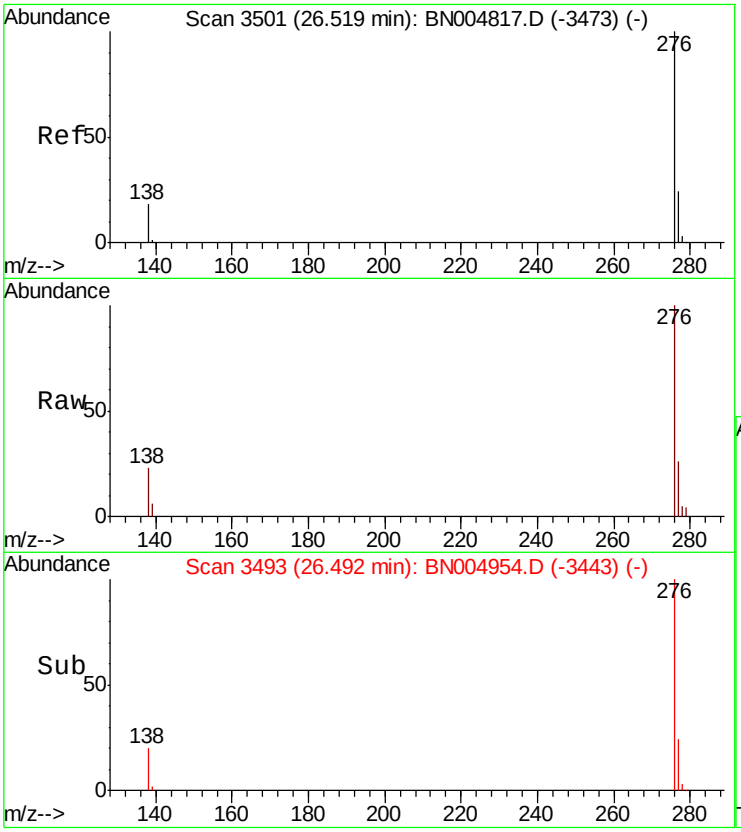


#38
Dibenzo(a,h)anthracene
Concen: 0.378 ng
RT: 25.81 min Scan# 3293
Delta R.T. -0.02 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Tgt Ion:278 Resp: 26213

Ion	Ratio	Lower	Upper
278	100		
139	19.1	11.7	17.5#
279	27.0	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.373 ng
RT: 26.49 min Scan# 3493
Delta R.T. -0.03 min
Lab File: BN004954.D
Acq: 25 Mar 2019 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 26316

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.7	29.5
138	22.7	14.6	22.0#