Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032519\
Data File : BN004966.D
Acq On : 25 Mar 2019 18:18
Operator : JU/SJ
Sample : K2015-13MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-025-B028-031919MS

Quant Time: Mar 26 01:19:23 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	4211	0.40	ng		-0.02
7) Naphthalene-d8	10.47	136	16993	0.40	ng		-0.03
13) Acenaphthene-d10	14.32	164	8384	0.40	ng		-0.02
19) Phenanthrene-d10	17.08	188	16863	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	18724	0.40	ng		-0.01
34) Perylene-d12	23.54	264	20602	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	3512	0.31	ng		0.00
5) Phenol-d6	6.86	99	4373	0.31	ng		-0.02
8) Nitrobenzene-d5	8.84	82	3541	0.32	ng		-0.03
11) 2-Methylnaphthalene-d10	12.06	152	7670	0.26	ng		-0.02
14) 2,4,6-Tribromophenol	15.84	330	1481	0.26	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	9623	0.28	ng		-0.02
25) Fluoranthene-d10	19.12	212	12504	0.22	ng		-0.01
29) Terphenyl-d14	19.72	244	9545	0.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1016	0.212	ng	#	47
3) n-Nitrosodimethylamine	3.55	42	832	0.294	ng	#	76
6) bis(2-Chloroethyl)ether	7.12	93	3822	0.297	ng		99
9) Naphthalene	10.52	128	13905	0.292	ng		99
10) Hexachlorobutadiene	10.78	225	2211	0.243	ng	#	98
12) 2-Methylnaphthalene	12.14	142	9430	0.266	ng		100
16) Acenaphthylene	14.04	152	13567	0.314	ng		100
17) Acenaphthene	14.39	154	7905	0.280	ng		99
18) Fluorene	15.38	166	10013	0.254	ng		99
20) 4-Bromophenyl-phenylether	16.27	248	3021	0.274	ng		92
21) Hexachlorobenzene	16.38	284	3015	0.239	ng		94
22) Pentachlorophenol	16.74	266	1998	0.810	ng		96
23) Phenanthrene	17.12	178	27622	0.507	ng		99
24) Anthracene	17.22	178	15606	0.321	ng		99
26) Fluoranthene	19.15	202	68916	0.985	ng	#	96
28) Pyrene	19.51	202	74638	1.307	ng		97
30) Benzo(a)anthracene	21.27	228	36047	0.587	ng	#	91
31) Chrysene	21.32	228	42433	0.656	ng	#	93
32) Bis(2-ethylhexyl)phthalate	21.18	149	13482	0.550	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.81	276	40207	0.430	ng		98
35) Benzo(b)fluoranthene	22.86	252	55912	0.750	ng	#	86
36) Benzo(k)fluoranthene	22.90	252	30389	0.414	ng	#	78
37) Benzo(a)pyrene	23.44	252	38201	0.559	ng	#	79
38) Dibenzo(a,h)anthracene	25.81	278	21791	0.275	ng	#	65
39) Benzo(g,h,i)perylene	26.50	276	41478	0.514	ng	#	86

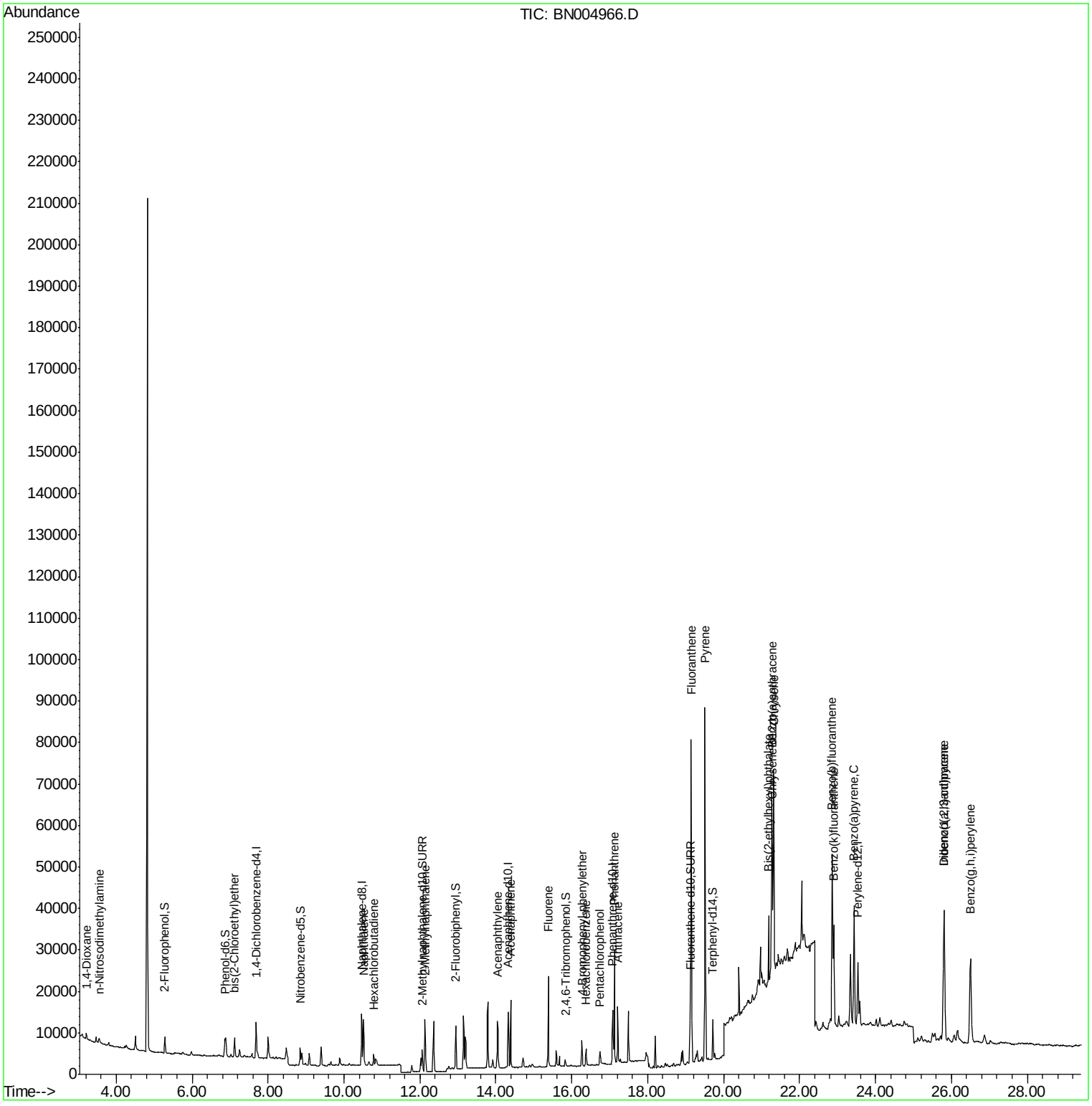
(#) = qualifier out of range (m) = manual integration (+) = signals summed

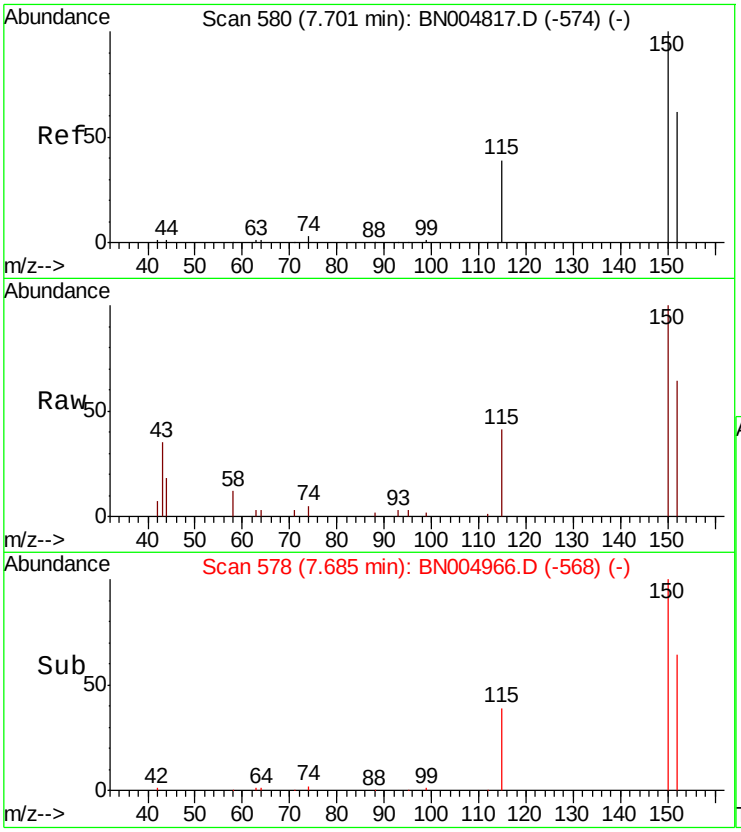
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032519\
Data File : BN004966.D
Acq On : 25 Mar 2019 18:18
Operator : JU/SJ
Sample : K2015-13MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Quant Time: Mar 26 01:19:23 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



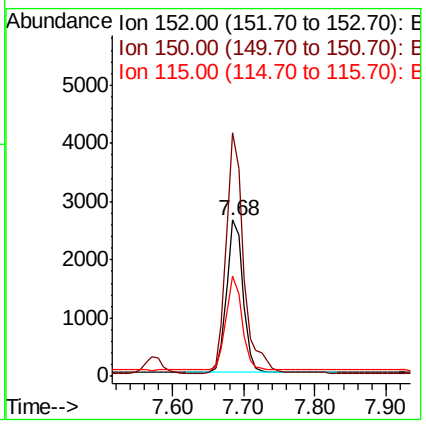


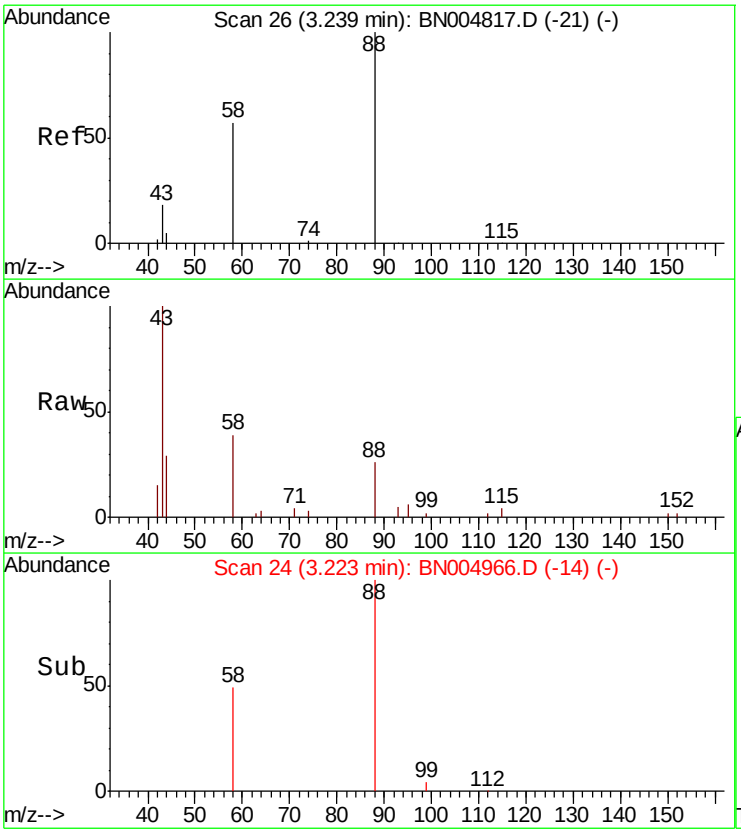
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 578
Delta R.T. -0.02 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:152 Resp: 4211

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.4
115	64.0	52.6	79.0

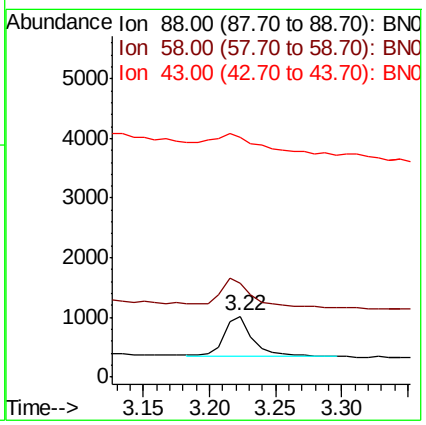


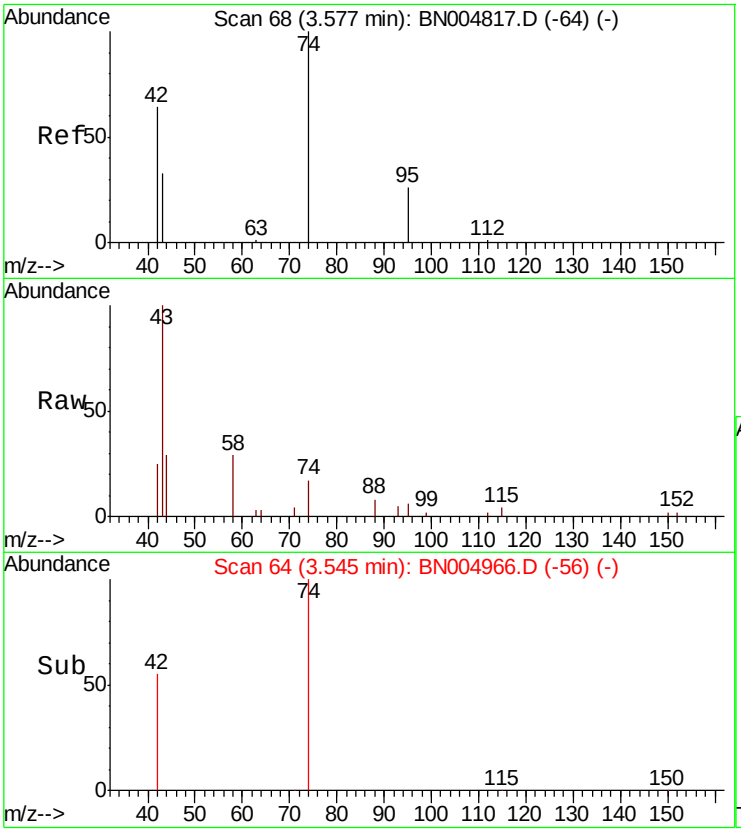


#2
1,4-Dioxane
Concen: 0.212 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.02 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion: 88 Resp: 1016

Ion	Ratio	Lower	Upper
88	100		
58	82.8	51.4	77.2#
43	90.1	20.0	30.0#



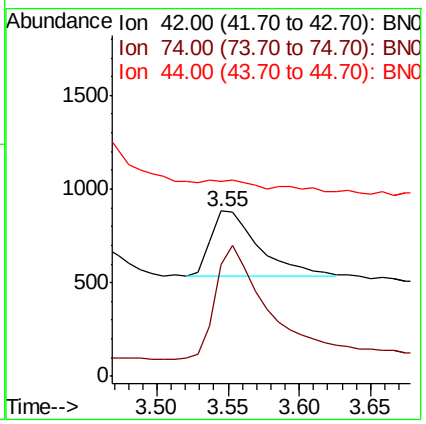


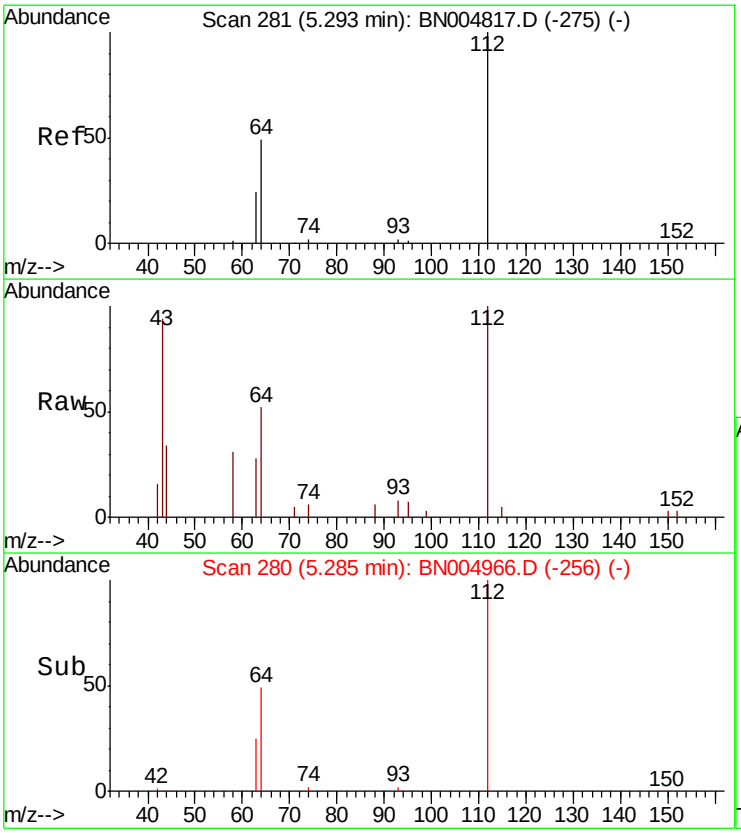
#3
n-Nitrosodimethylamine
Concen: 0.294 ng
RT: 3.55 min Scan# 64
Delta R.T. -0.03 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion: 42 Resp: 832

Ion	Ratio	Lower	Upper
42	100		
74	192.2	128.4	192.6
44	0.0	6.1	9.1#

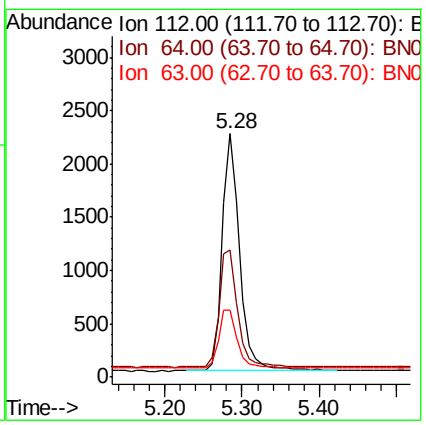


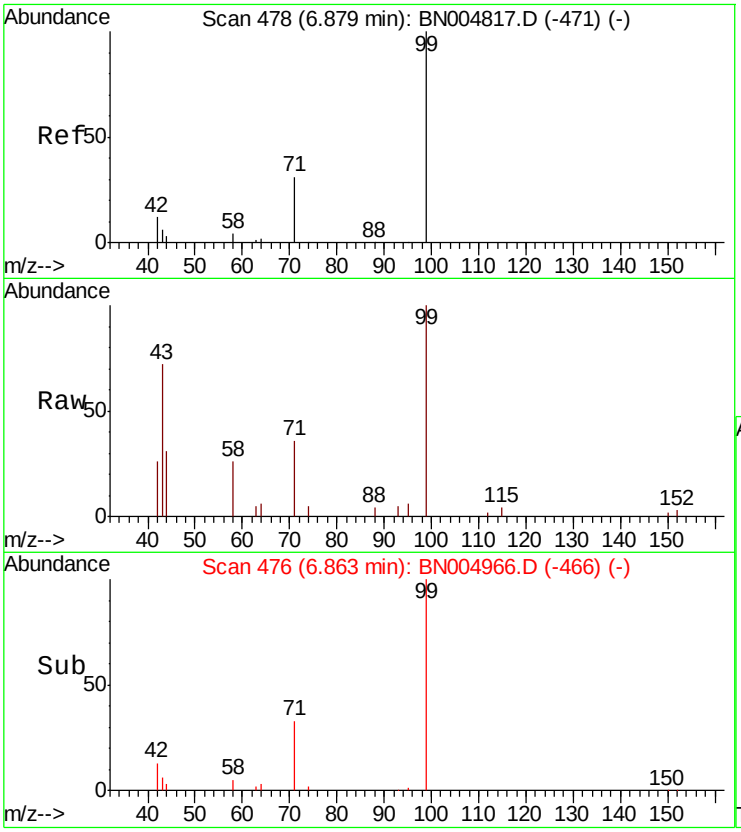


#4
2-Fluorophenol
Concen: 0.307 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion:112 Resp: 3512

Ion	Ratio	Lower	Upper
112	100		
64	52.8	40.0	60.0
63	27.2	20.2	30.2



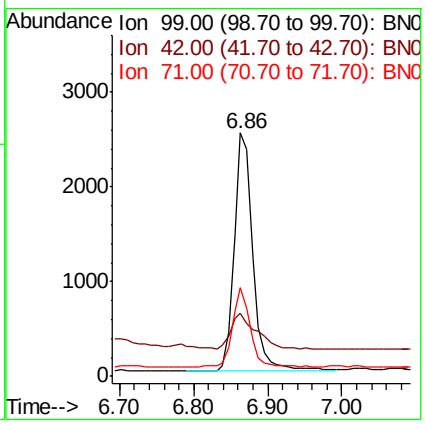


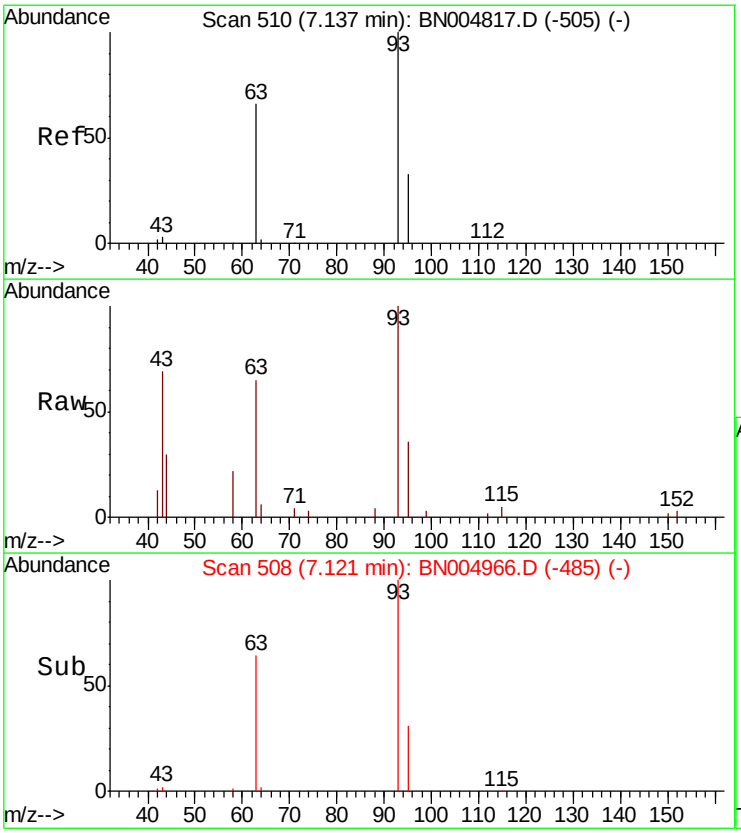
#5
Phenol-d6
Concen: 0.307 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion: 99 Resp: 4373

Ion	Ratio	Lower	Upper
99	100		
42	19.9	12.7	19.1#
71	31.6	26.6	40.0

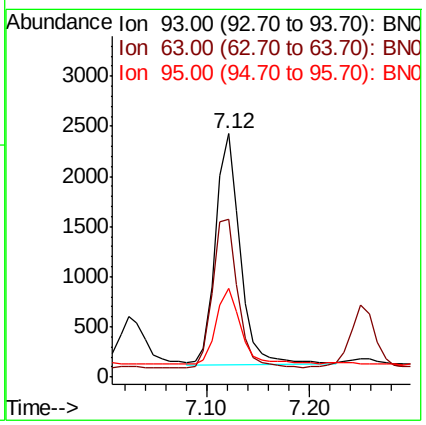


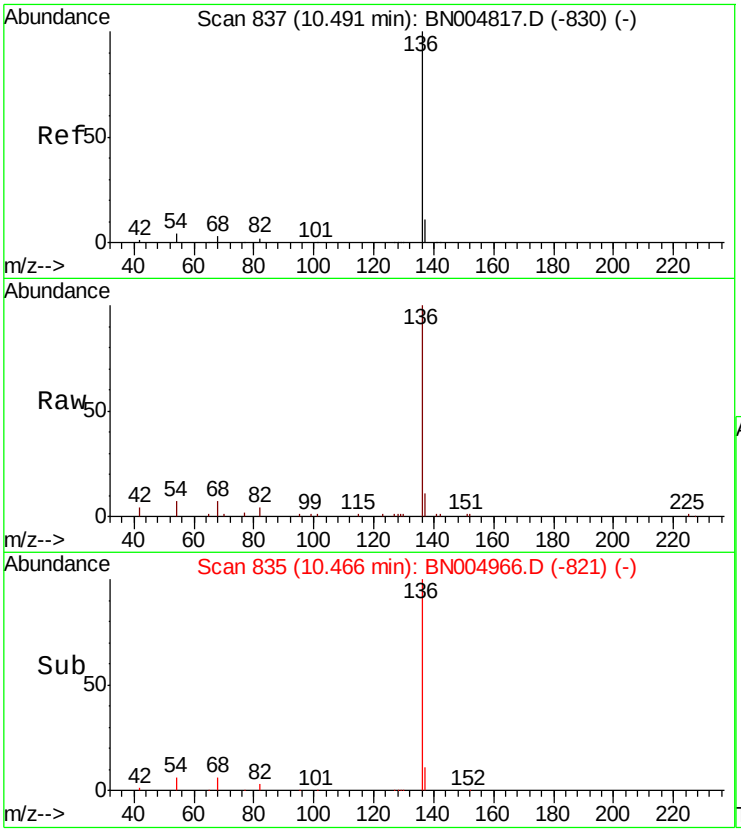


#6
bis(2-Chloroethyl)ether
Concen: 0.297 ng
RT: 7.12 min Scan# 508
Delta R.T. -0.02 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion: 93 Resp: 3822

Ion	Ratio	Lower	Upper
93	100		
63	66.8	52.6	78.8
95	33.3	25.9	38.9



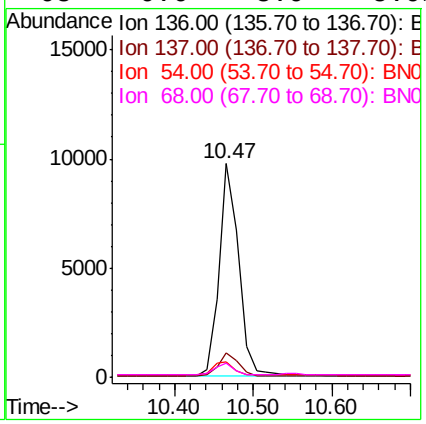


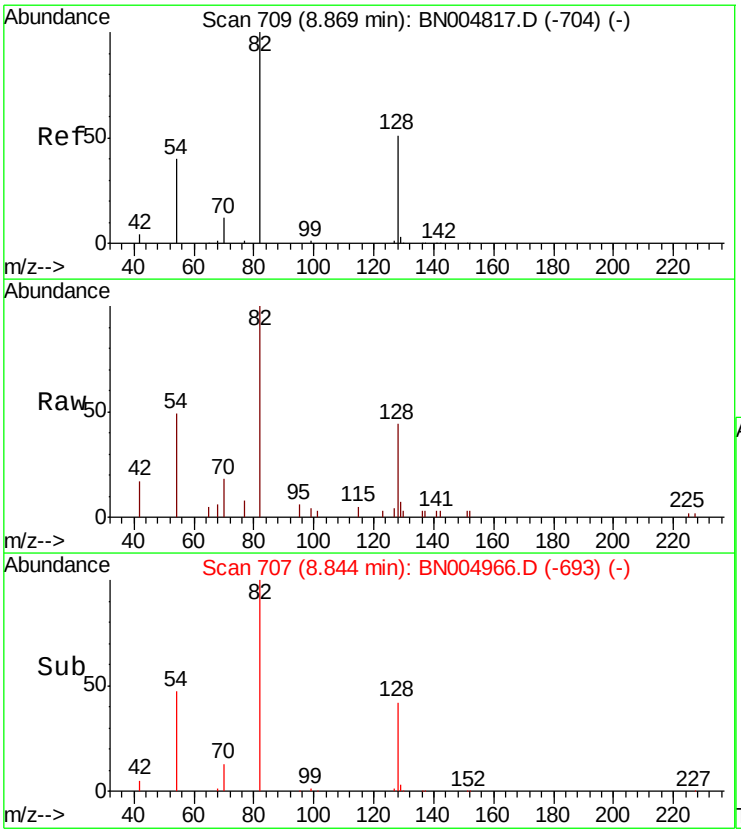
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:136 Resp: 16993

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	7.4	4.2	6.2#
68	6.6	3.9	5.9#

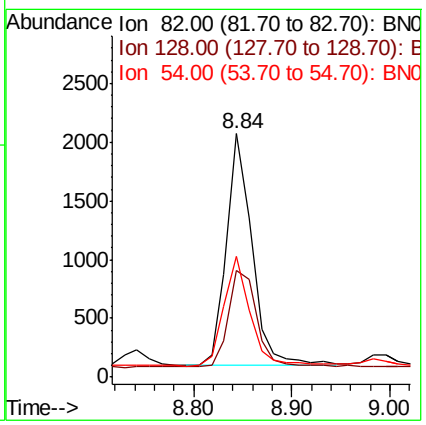


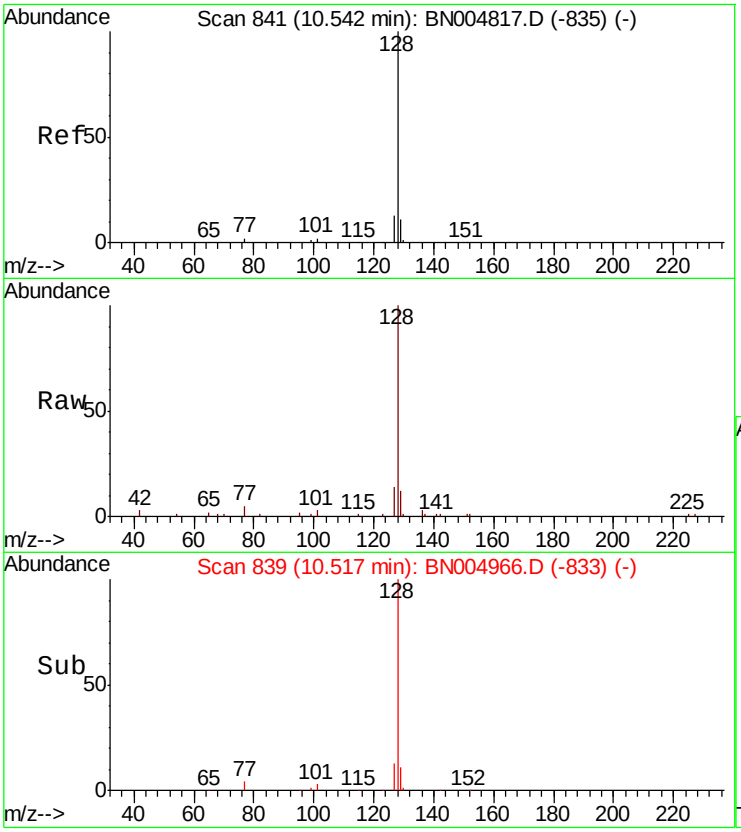


#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion: 82 Resp: 3541

Ion	Ratio	Lower	Upper
82	100		
128	43.8	43.0	64.6
54	49.5	35.3	52.9



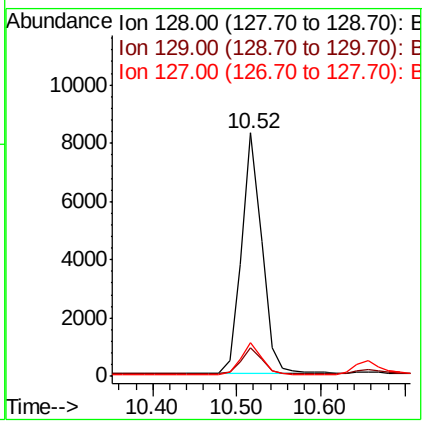


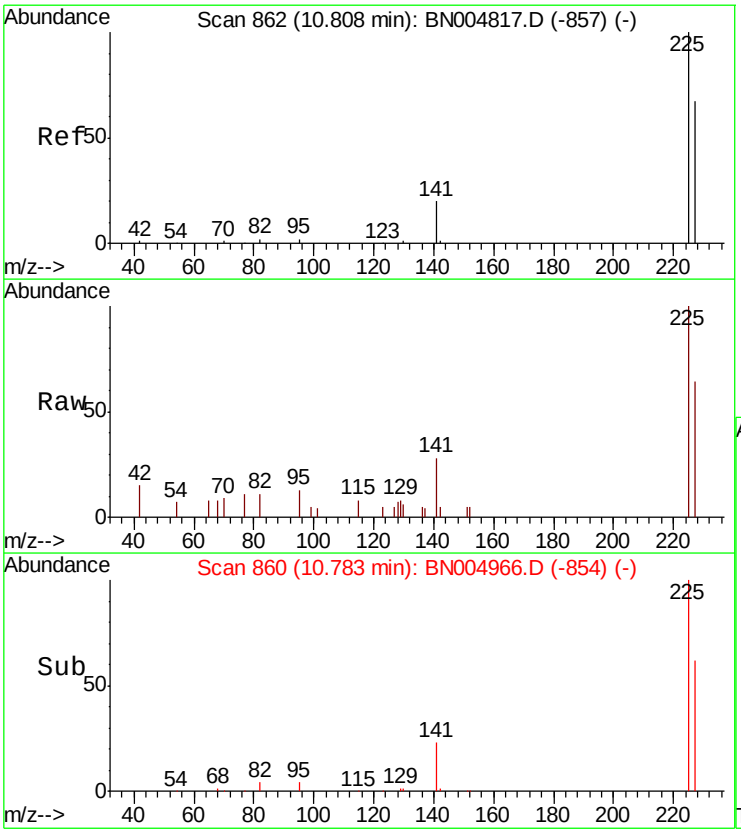
#9
Naphthalene
Concen: 0.292 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.03 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:128 Resp: 13905

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.9	14.9
127	13.9	11.3	16.9

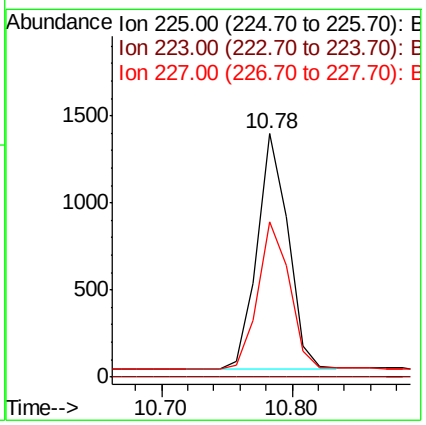


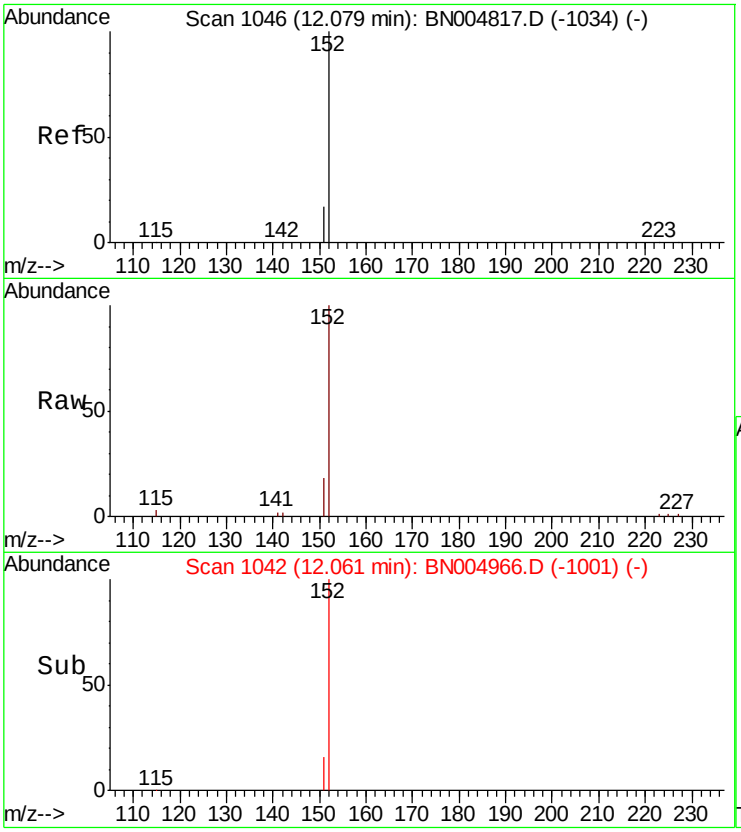


#10
Hexachlorobutadiene
Concen: 0.243 ng
RT: 10.78 min Scan# 860
Delta R.T. -0.03 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion:225 Resp: 2211

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	52.2	78.4



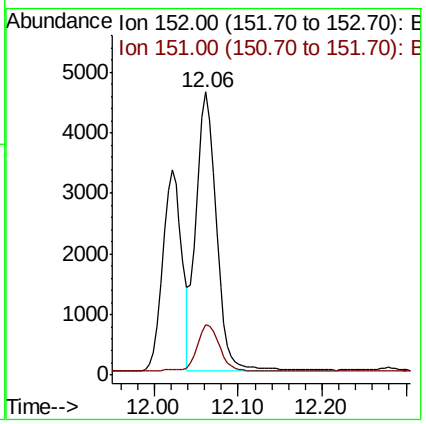


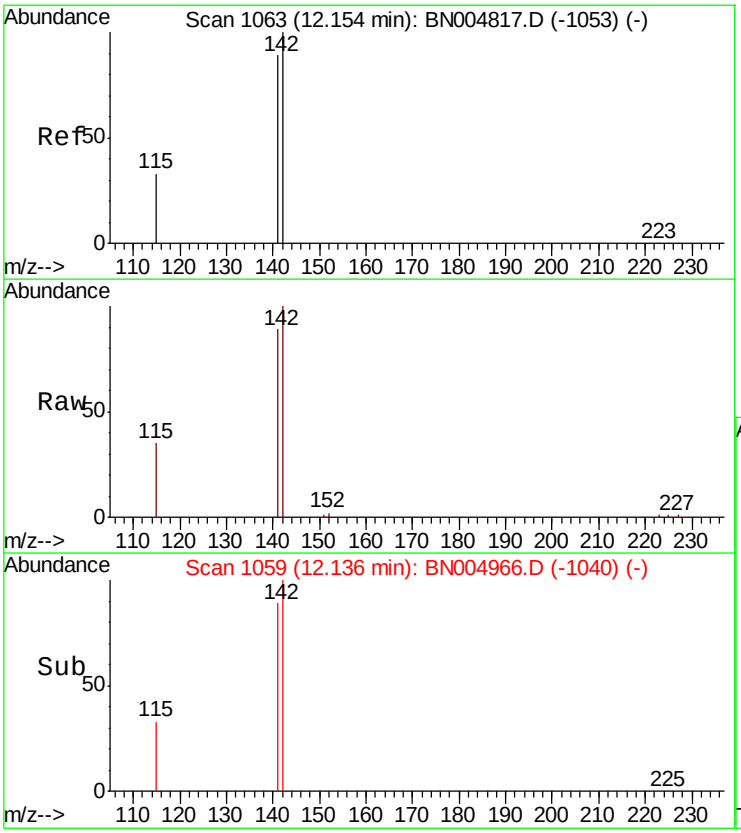
#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 12.06 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:152 Resp: 7670

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3

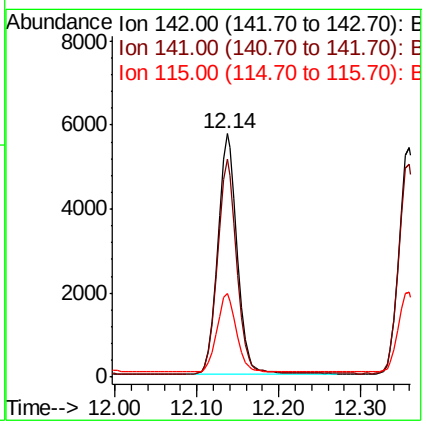


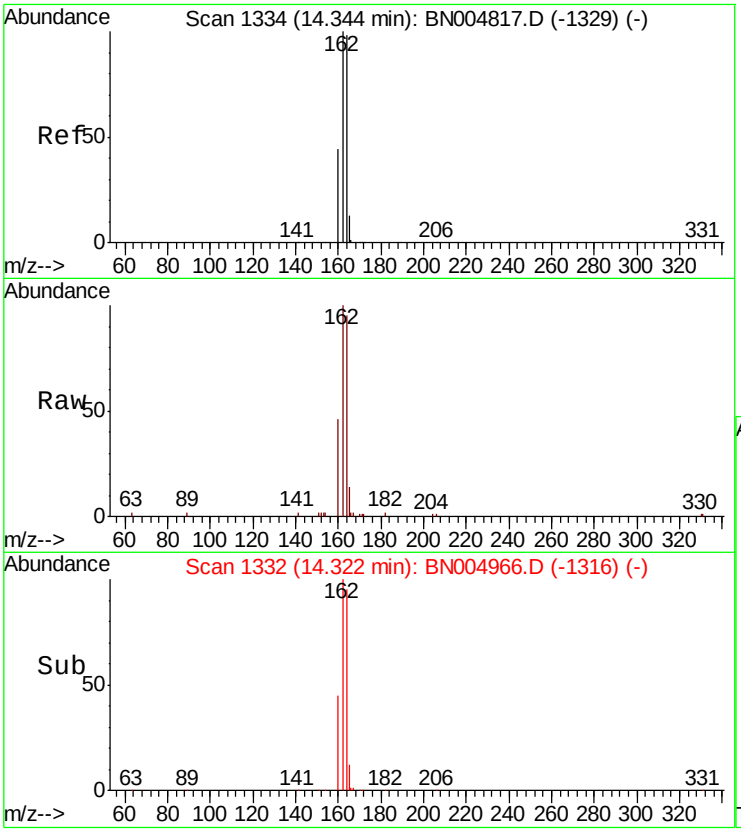


#12
2-Methylnaphthalene
Concen: 0.266 ng
RT: 12.14 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion:142 Resp: 9430

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	34.6	27.5	41.3



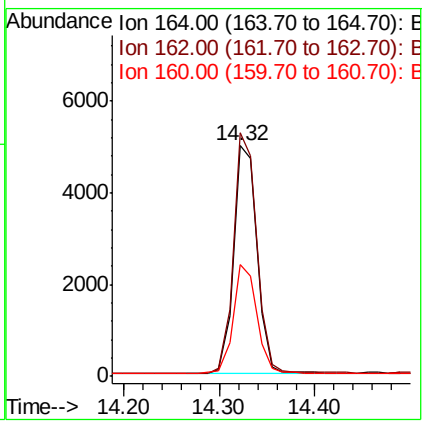


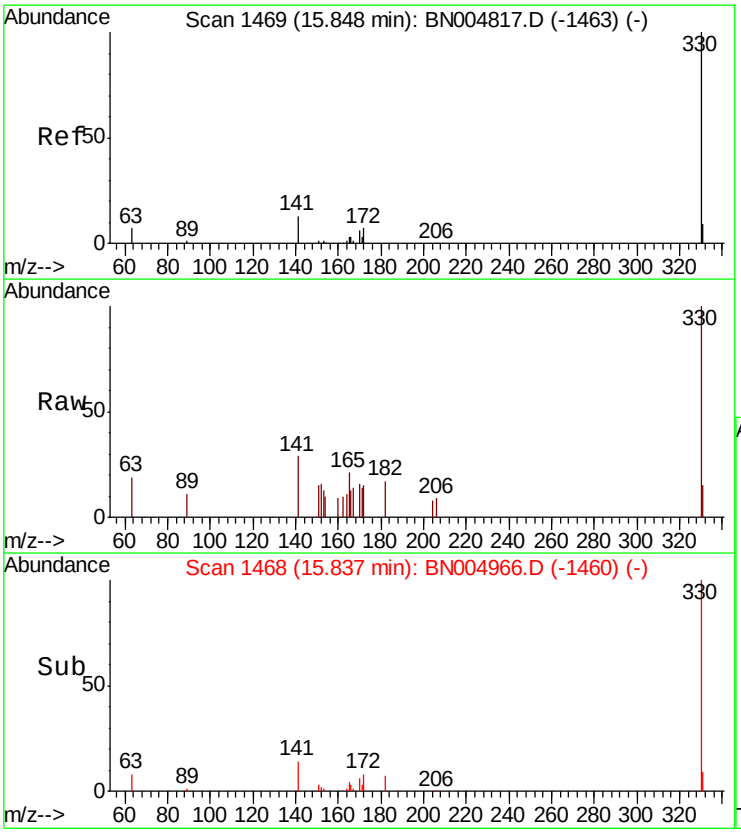
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:164 Resp: 8384

Ion	Ratio	Lower	Upper
164	100		
162	105.7	81.9	122.9
160	48.5	36.6	54.8

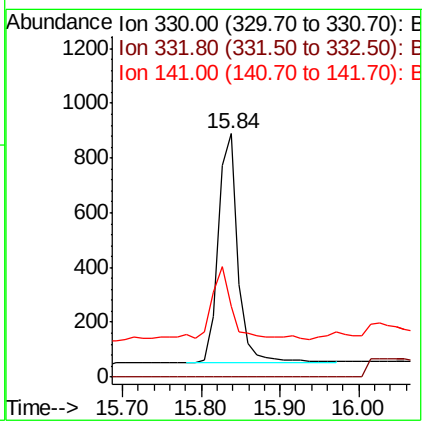


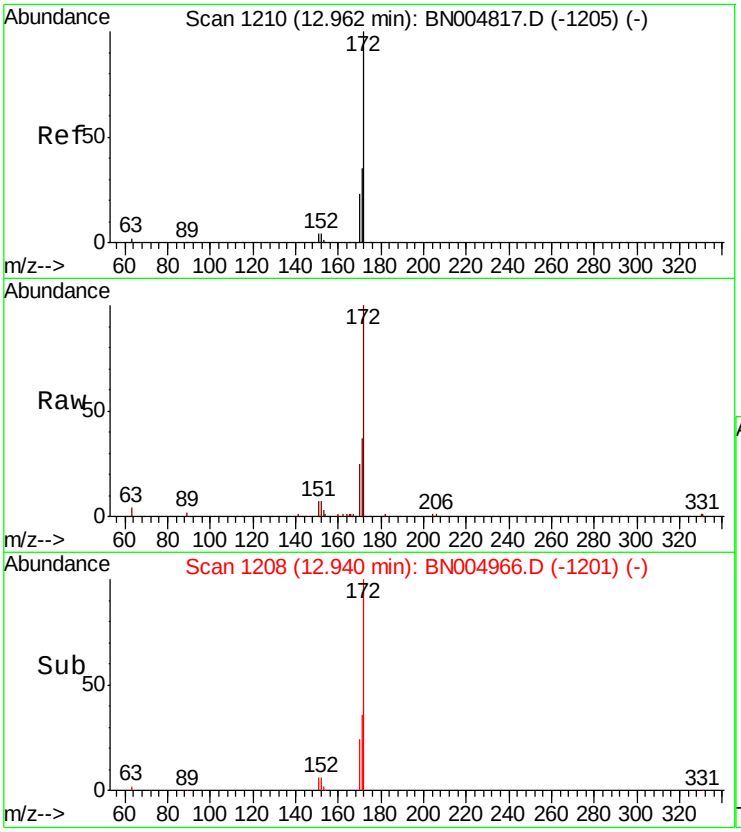


#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion:330 Resp: 1481

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.8	20.9	31.3



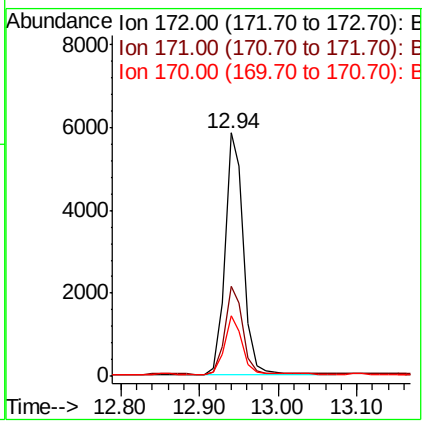


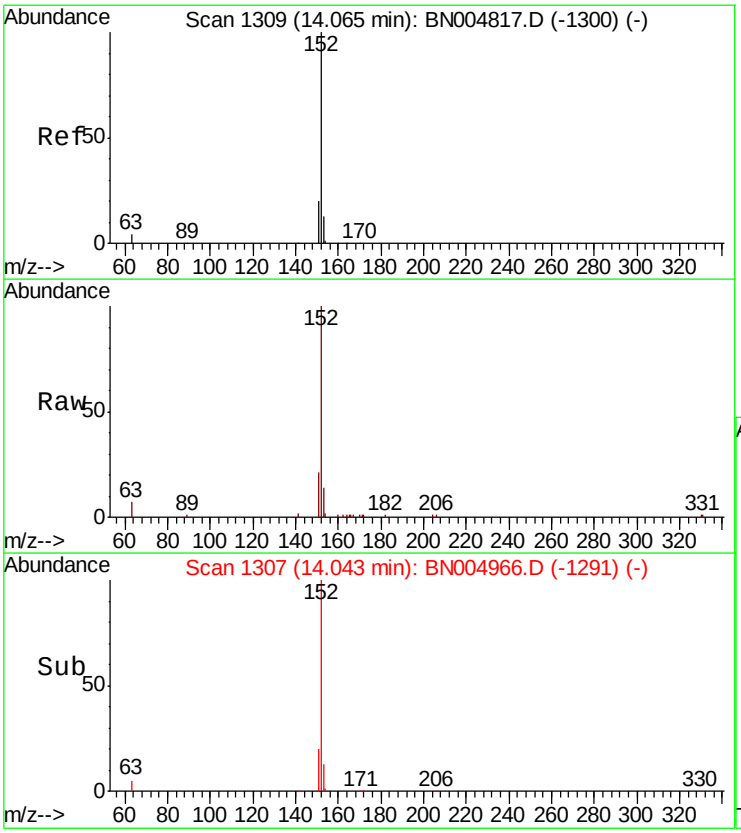
#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:172 Resp: 9623

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.7	43.1
170	24.9	18.7	28.1

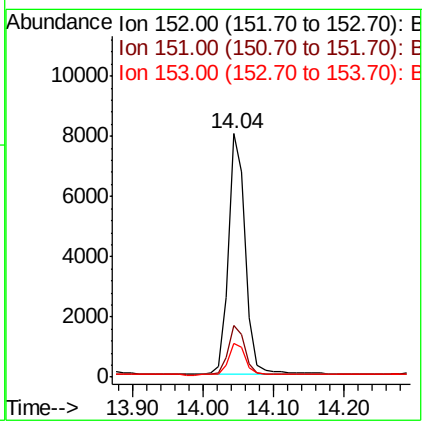


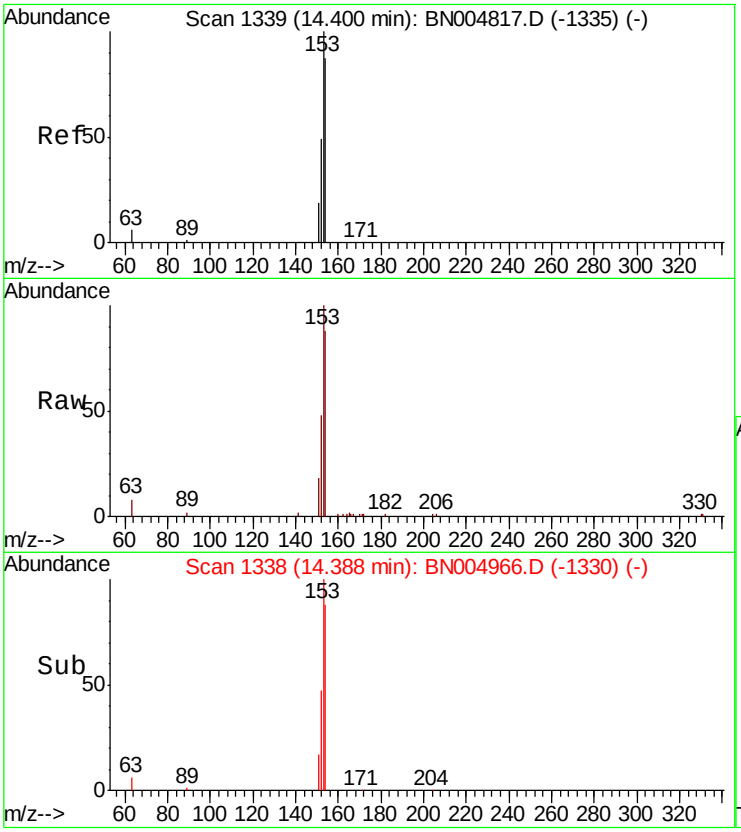


#16
Acenaphthylene
Concen: 0.314 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion:152 Resp: 13567

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	13.1	10.5	15.7



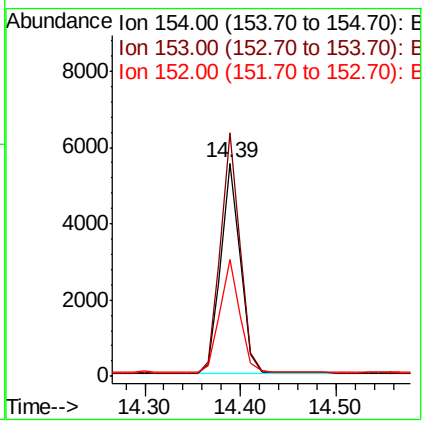


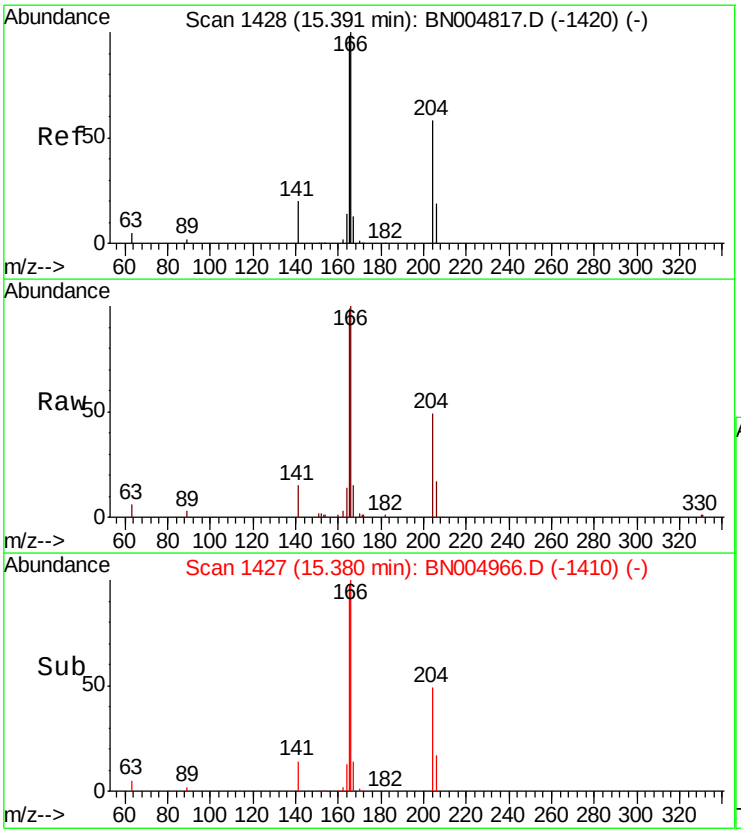
#17
Acenaphthene
Concen: 0.280 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:154 Resp: 7905

Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.4	137.2
152	54.2	44.2	66.2

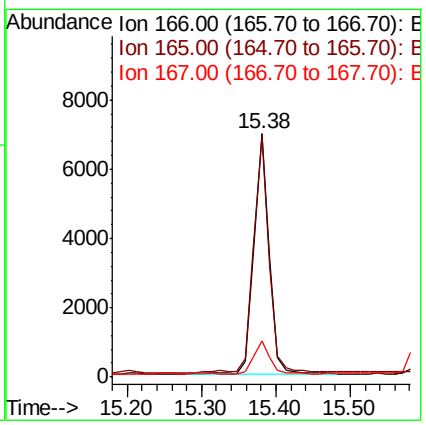


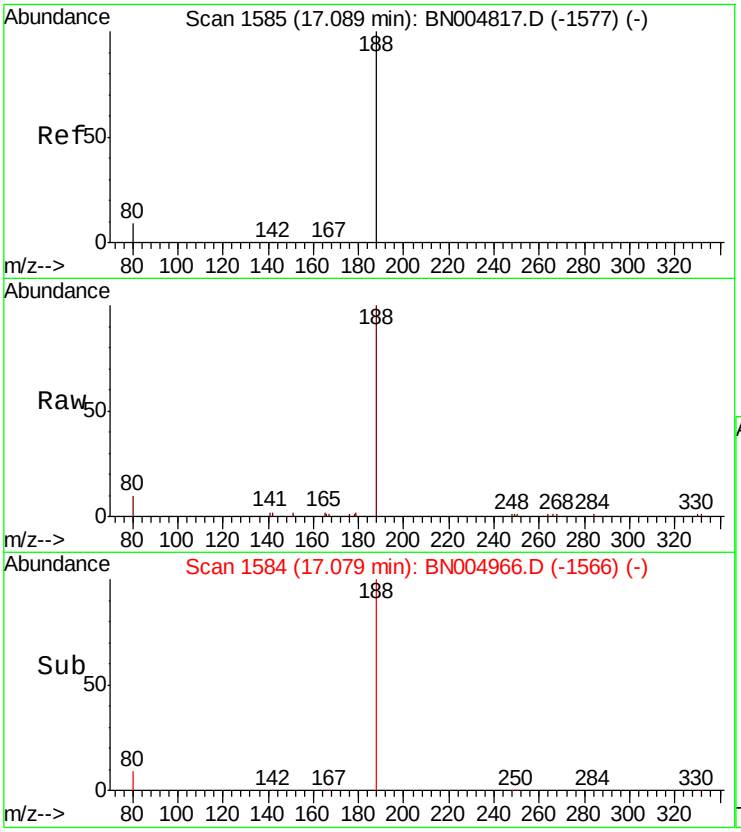


#18
Fluorene
Concen: 0.254 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion:166 Resp: 10013

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.2	117.4
167	13.8	11.0	16.4



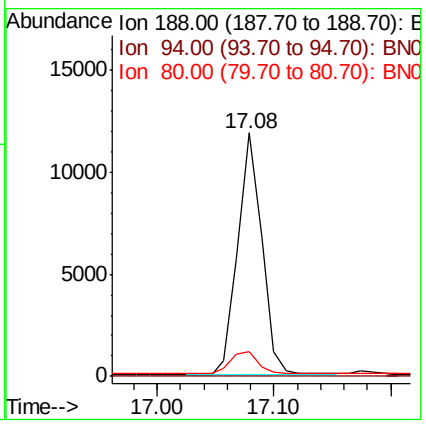


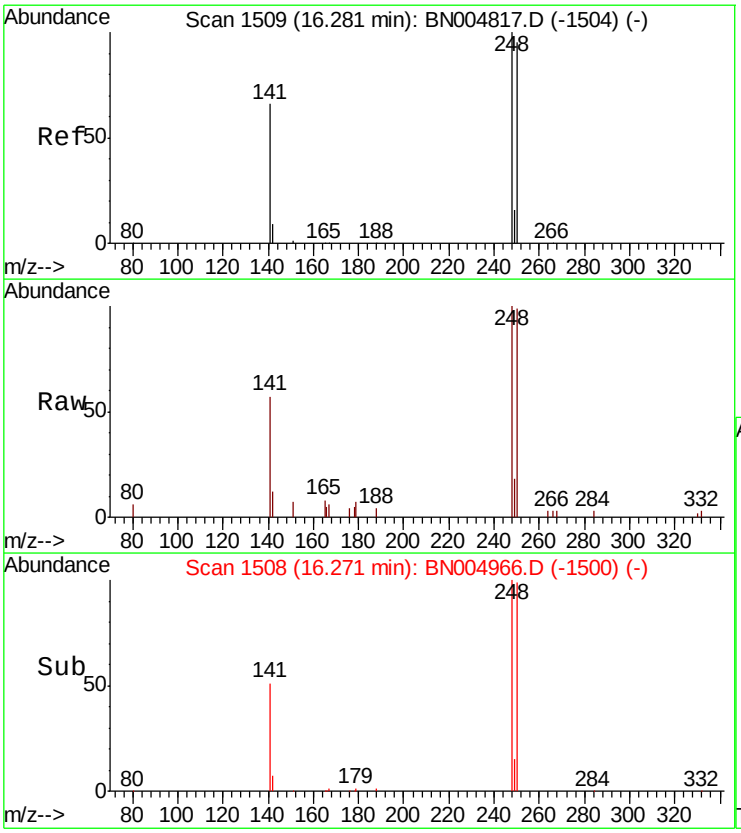
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:188 Resp: 16863

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	7.4	11.2

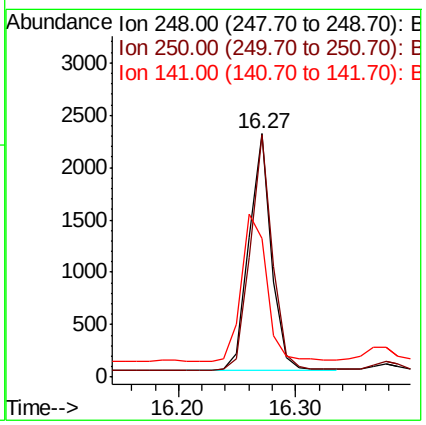


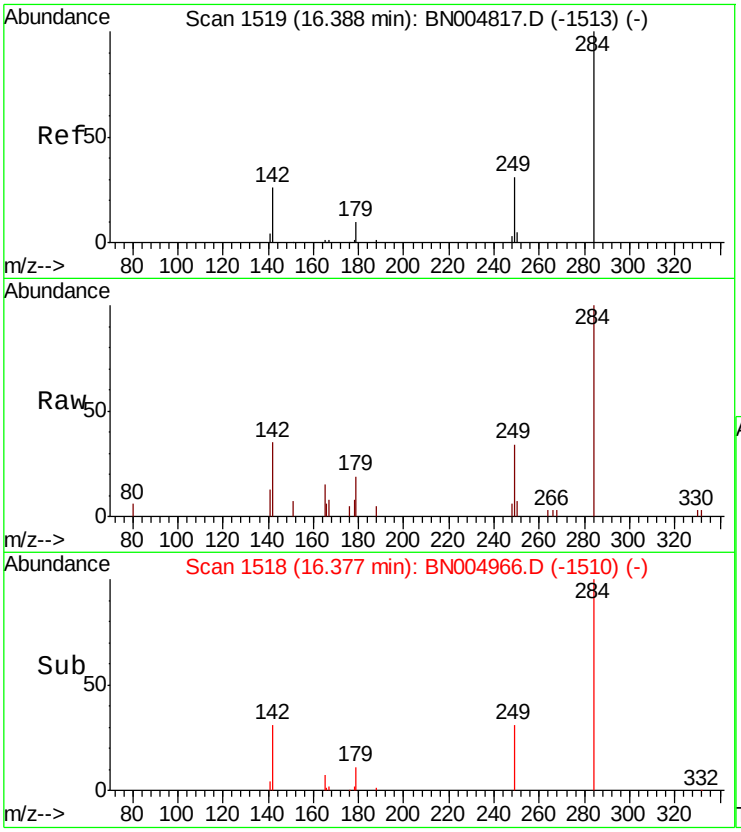


#20
4-Bromophenyl-phenylether
Concen: 0.274 ng
RT: 16.27 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion:248 Resp: 3021

Ion	Ratio	Lower	Upper
248	100		
250	99.4	76.2	114.4
141	57.1	53.9	80.9



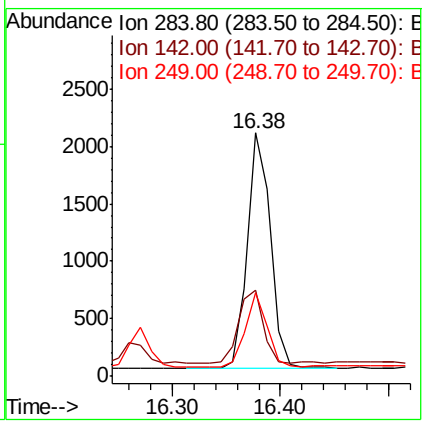


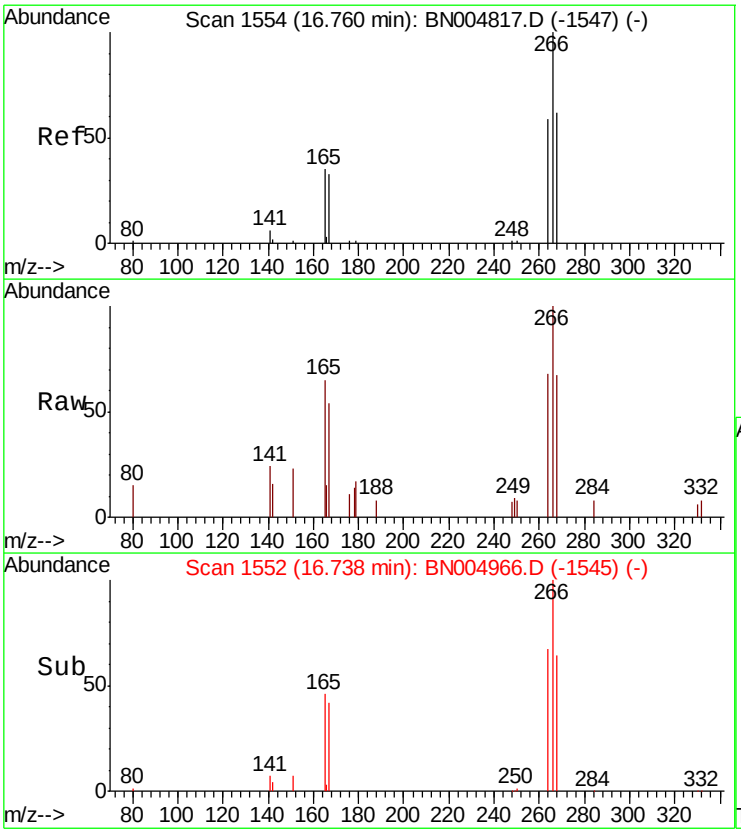
#21
Hexachlorobenzene
Concen: 0.239 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:284 Resp: 3015

Ion	Ratio	Lower	Upper
284	100		
142	33.0	22.6	34.0
249	29.4	22.5	33.7

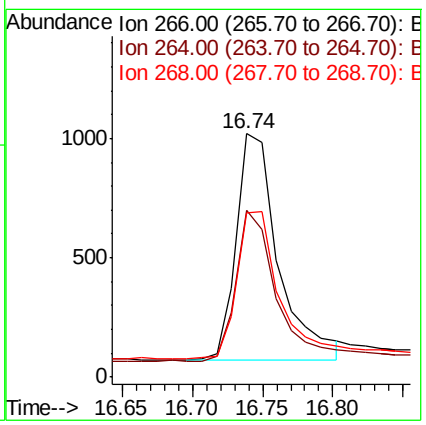


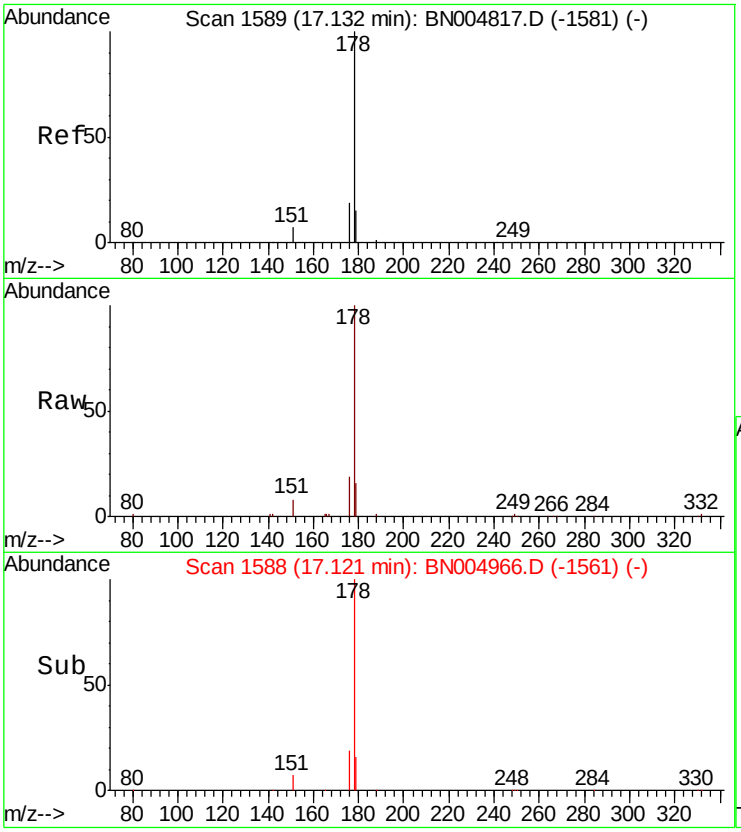


#22
Pentachlorophenol
Concen: 0.810 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion:266 Resp: 1998

Ion	Ratio	Lower	Upper
266	100		
264	68.5	53.1	79.7
268	67.4	57.7	86.5



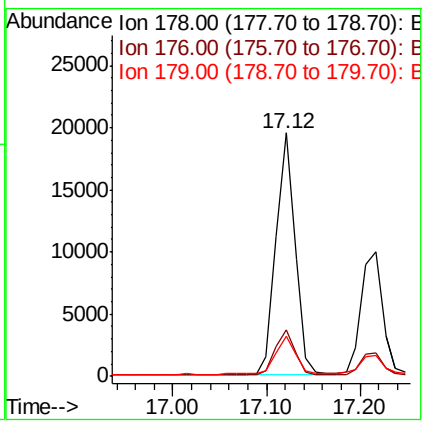


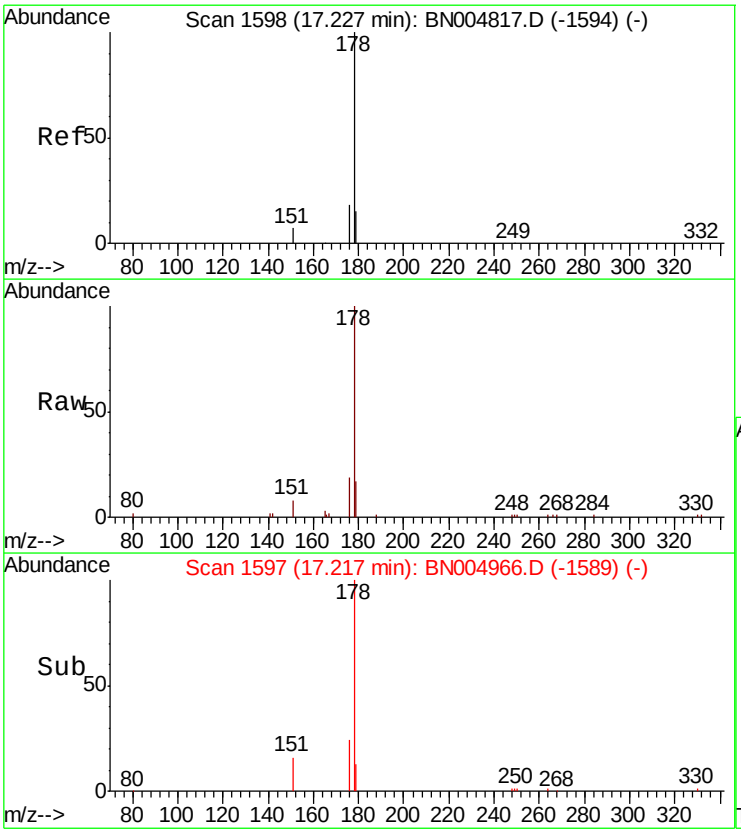
#23
Phenanthrene
Concen: 0.507 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:178 Resp: 27622

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.6	12.1	18.1

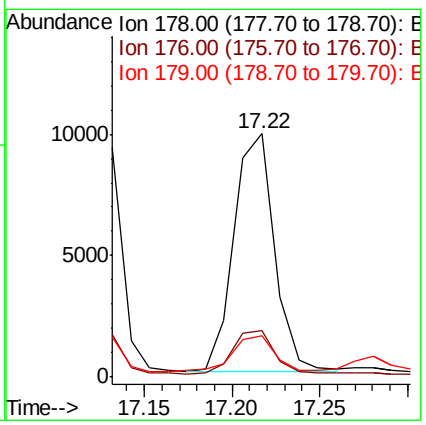


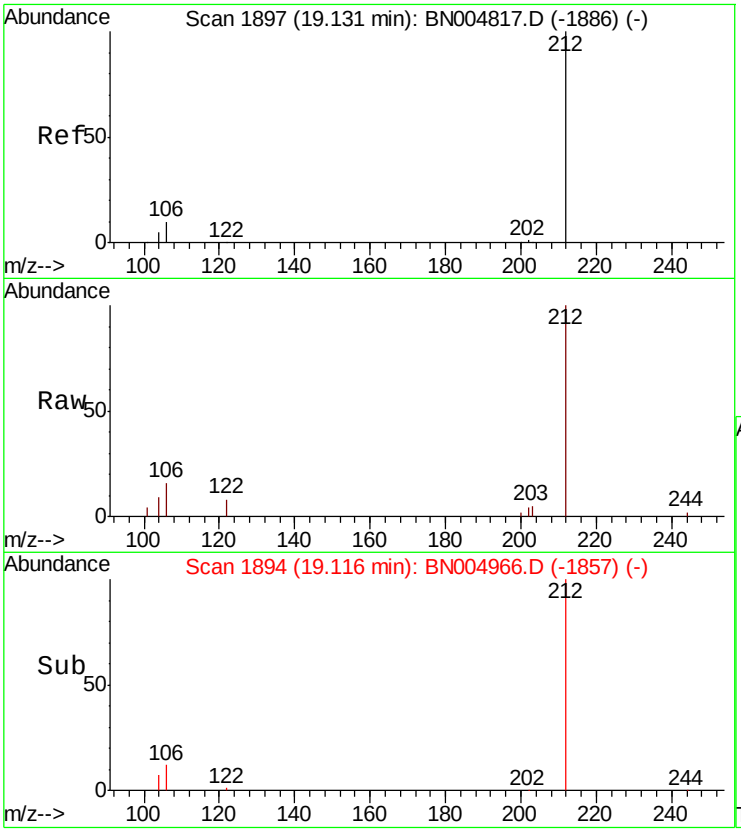


#24
Anthracene
Concen: 0.321 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion:178 Resp: 15606

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	15.4	12.2	18.4



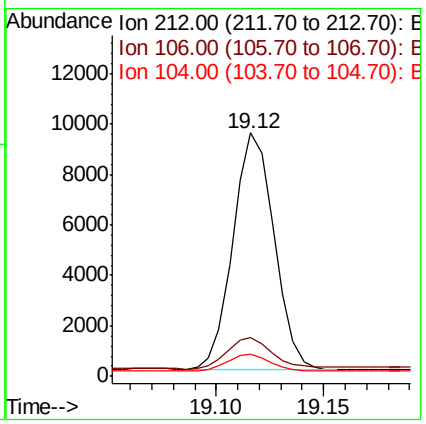


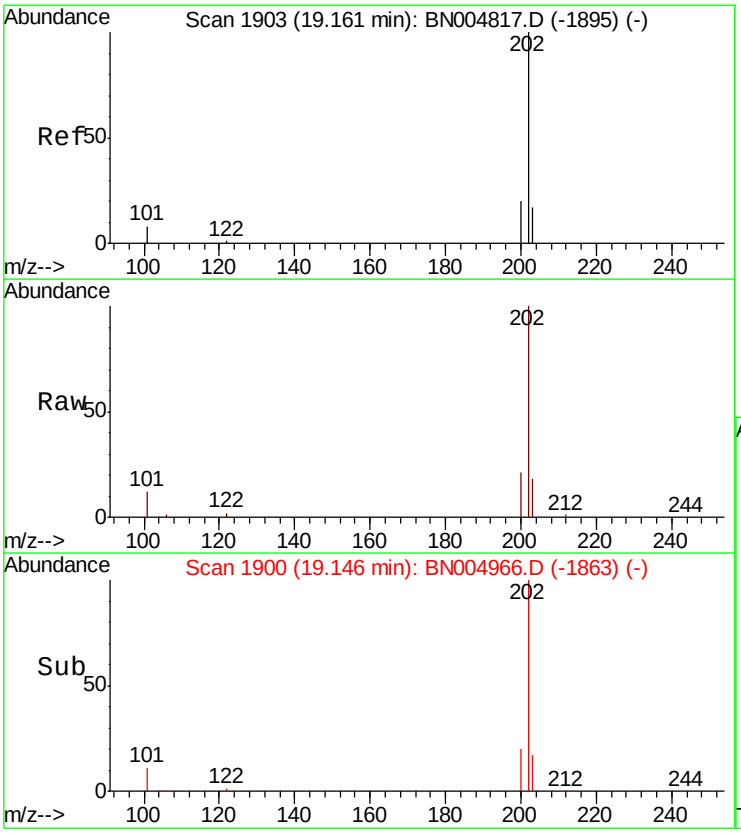
#25
Fluoranthene-d10
Concen: 0.221 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:212 Resp: 12504

Ion	Ratio	Lower	Upper
212	100		
106	14.7	8.6	13.0#
104	7.6	4.7	7.1#

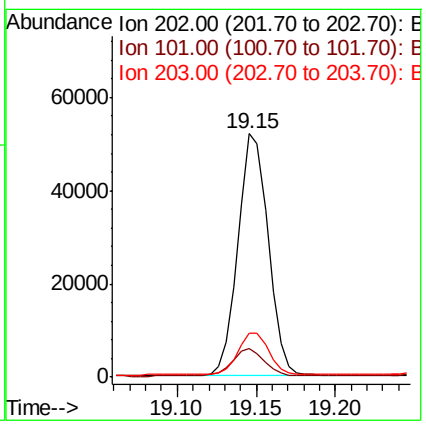


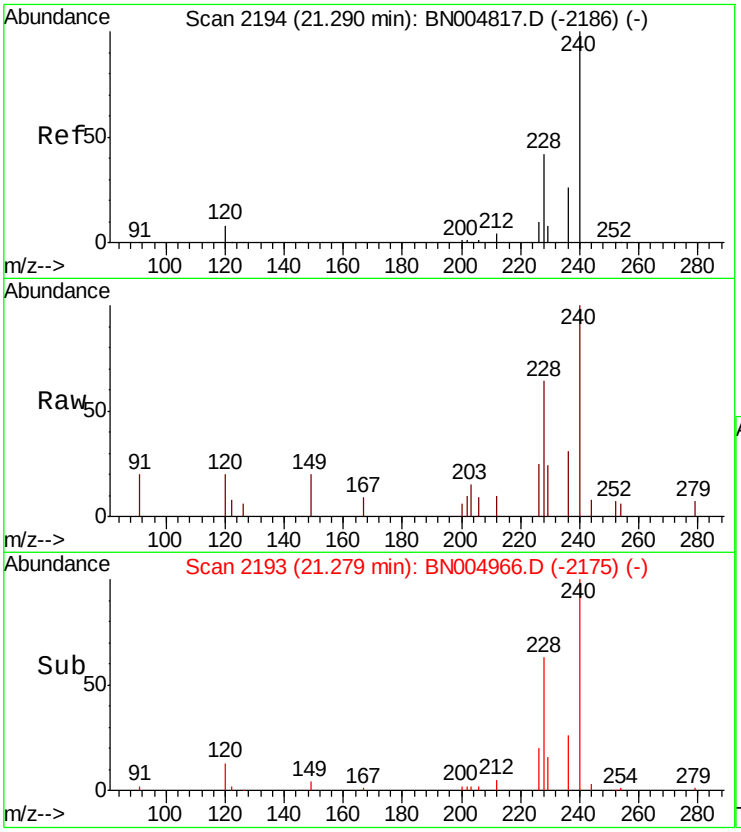


#26
Fluoranthene
Concen: 0.985 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion:202 Resp: 68916

Ion	Ratio	Lower	Upper
202	100		
101	12.9	7.5	11.3#
203	17.5	13.8	20.6



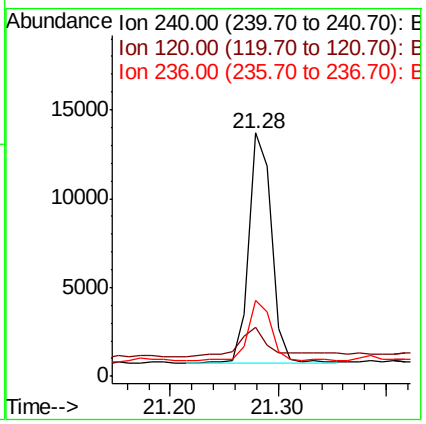


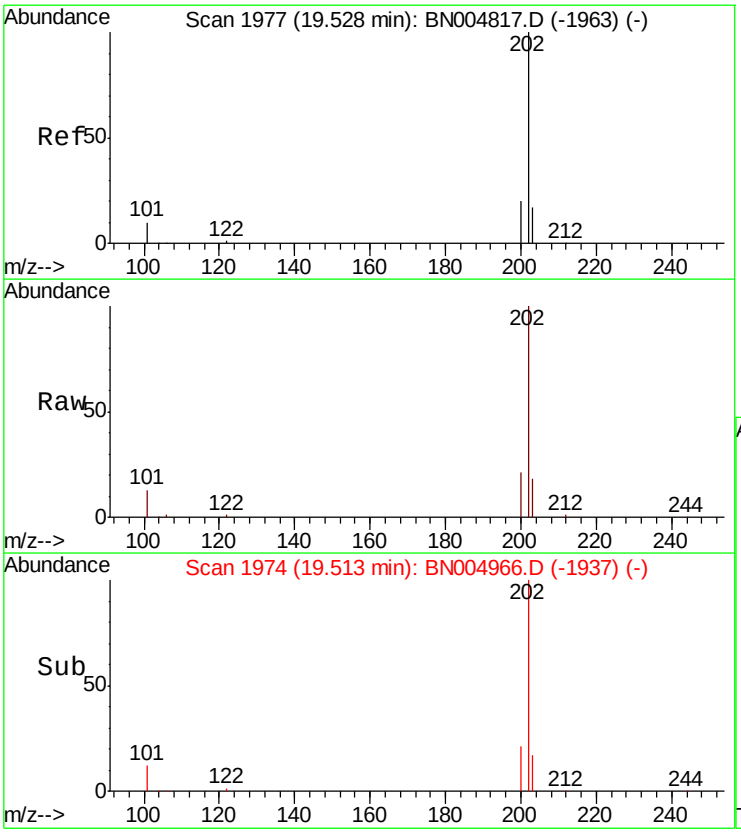
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:240 Resp: 18724

Ion	Ratio	Lower	Upper
240	100		
120	20.1	7.2	10.8#
236	31.4	20.9	31.3#

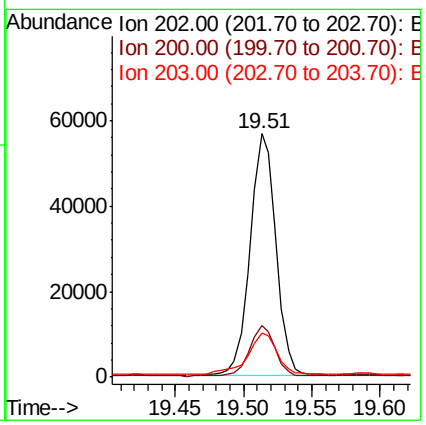


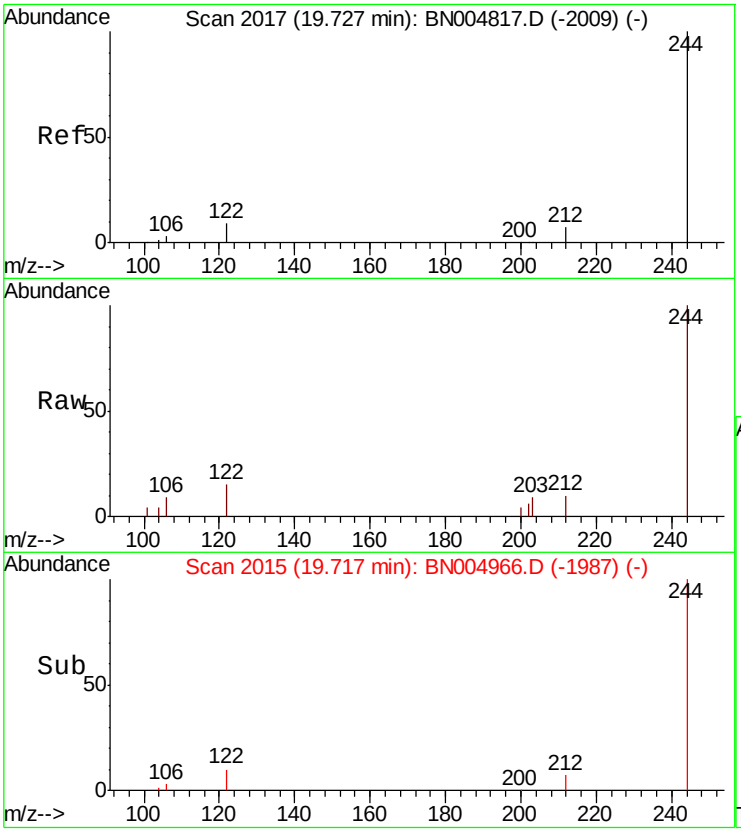


#28
Pyrene
Concen: 1.307 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion:202 Resp: 74638

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	19.8	14.0	21.0



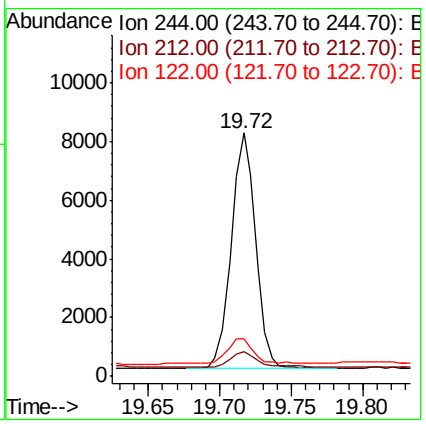


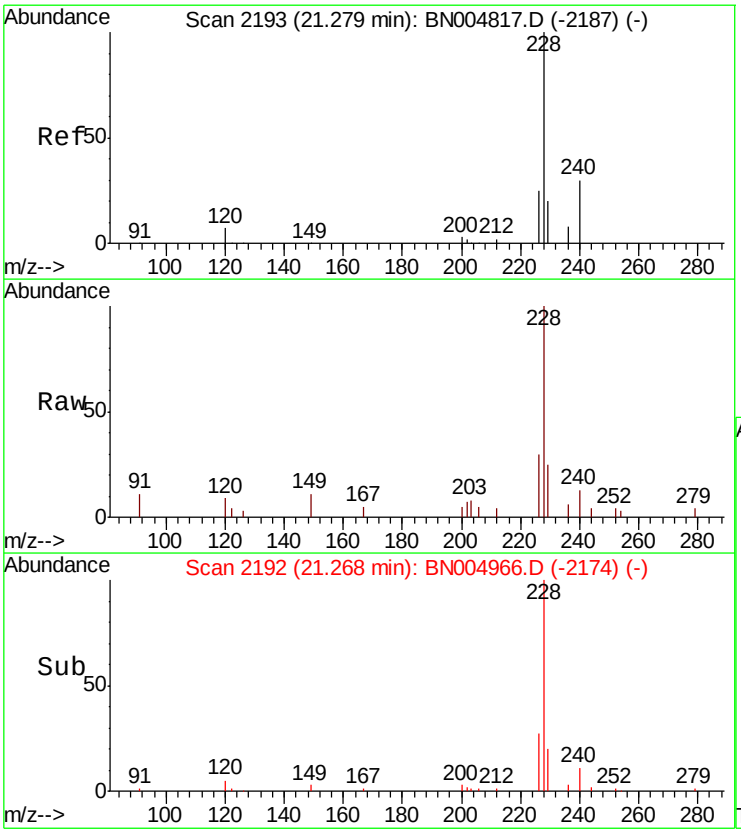
#29
Terphenyl-d14
Concen: 0.249 ng
RT: 19.72 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:244 Resp: 9545

Ion	Ratio	Lower	Upper
244	100		
212	10.4	5.8	8.6#
122	15.2	7.9	11.9#

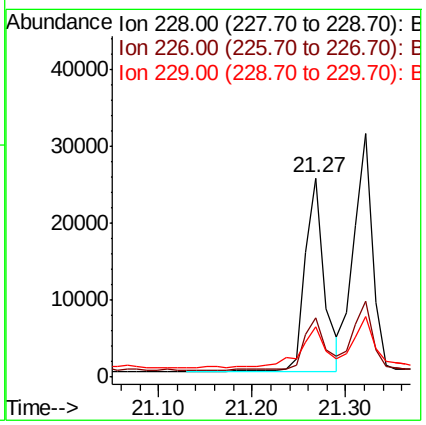


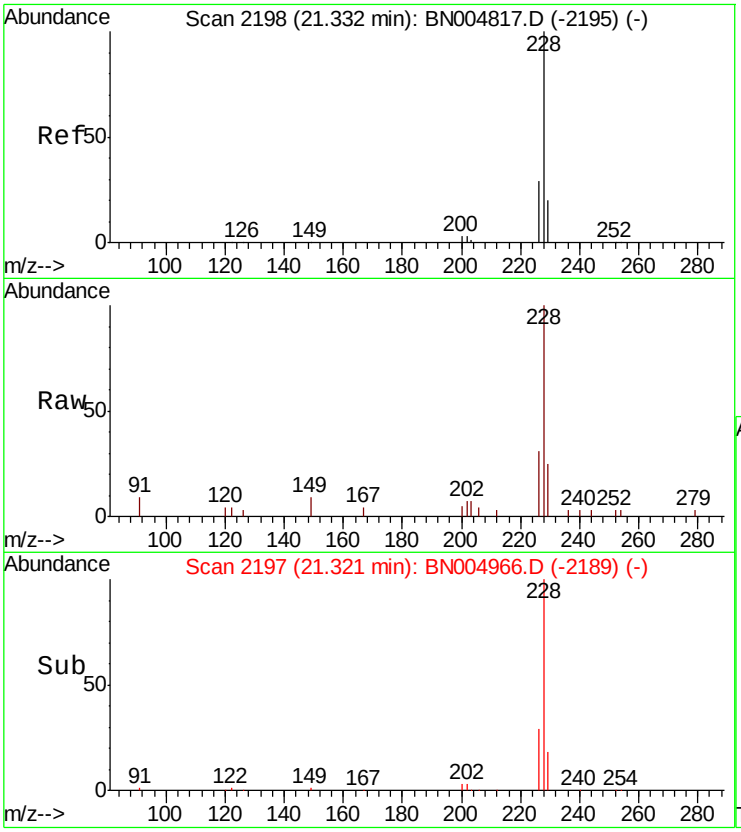


#30
Benzo(a)anthracene
Concen: 0.587 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion:228 Resp: 36047

Ion	Ratio	Lower	Upper
228	100		
226	29.9	20.6	31.0
229	25.4	16.2	24.4#



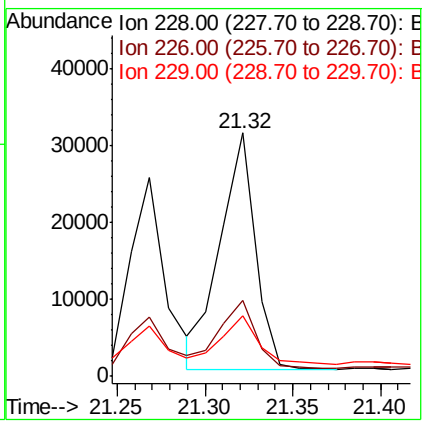


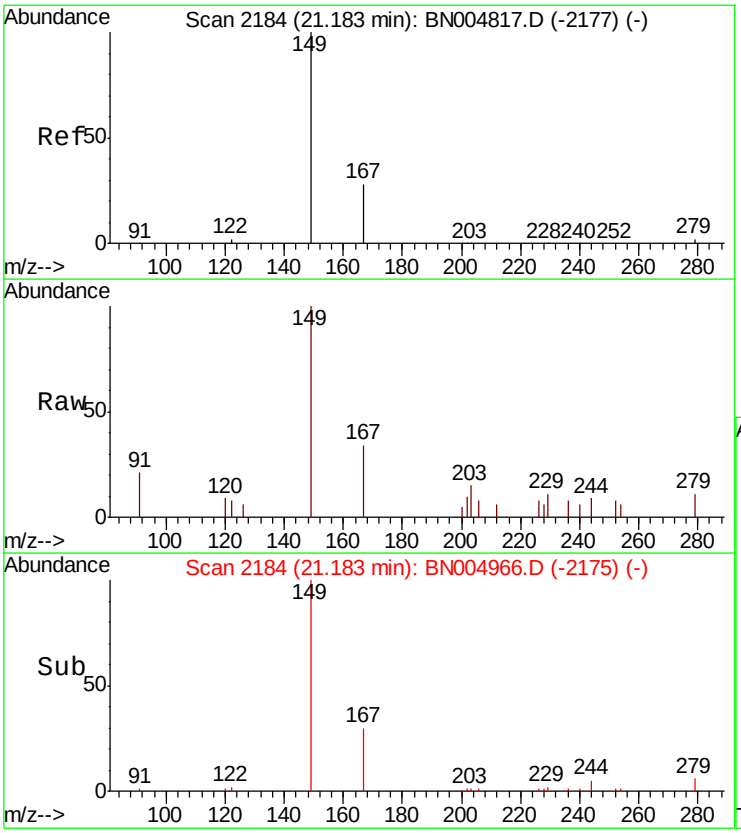
#31
Chrysene
Concen: 0.656 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:228 Resp: 42433

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.0	34.6
229	25.0	16.2	24.2#

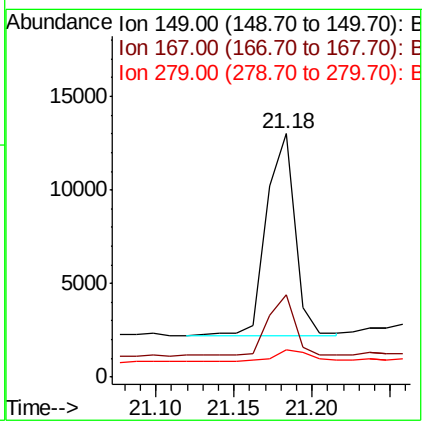


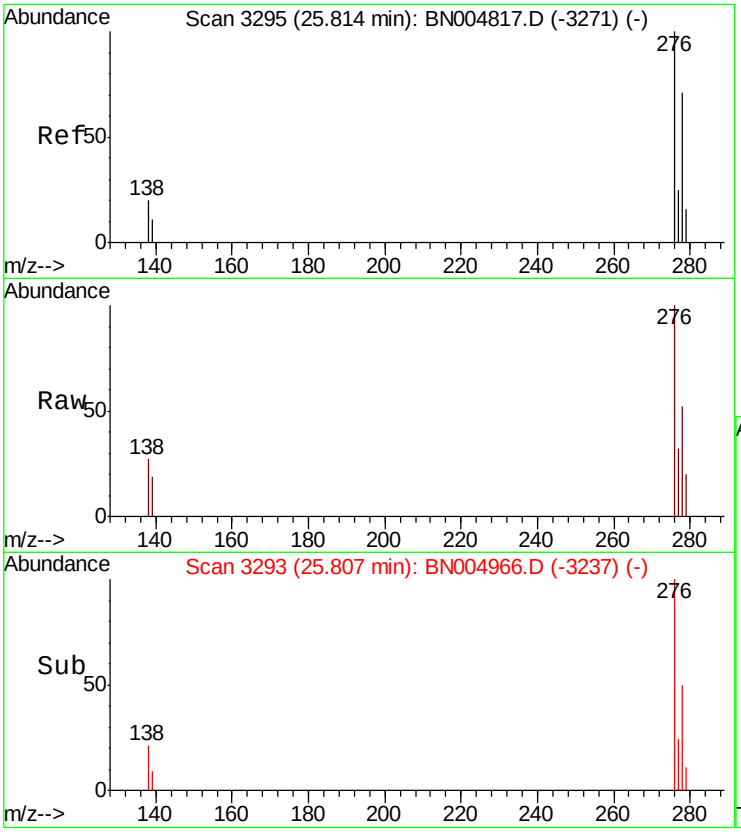


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.550 ng
RT: 21.18 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion:149 Resp: 13482

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.0	34.4
279	8.0	4.6	6.8#



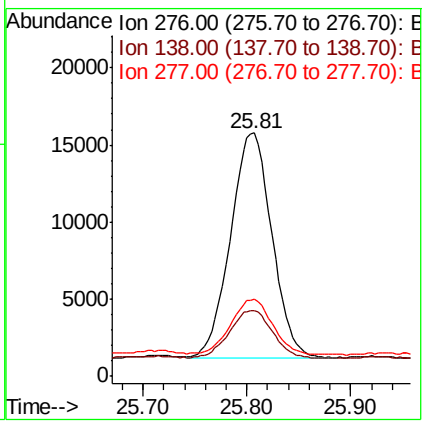


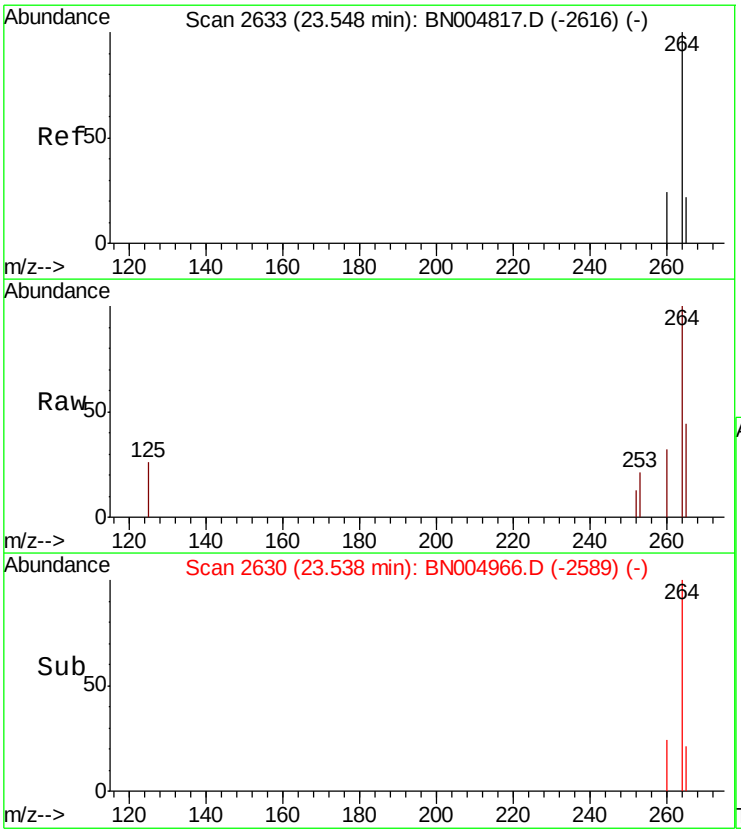
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.430 ng
RT: 25.81 min Scan# 3293
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:276 Resp: 40207

Ion	Ratio	Lower	Upper
276	100		
138	22.4	16.6	24.8
277	24.8	20.3	30.5

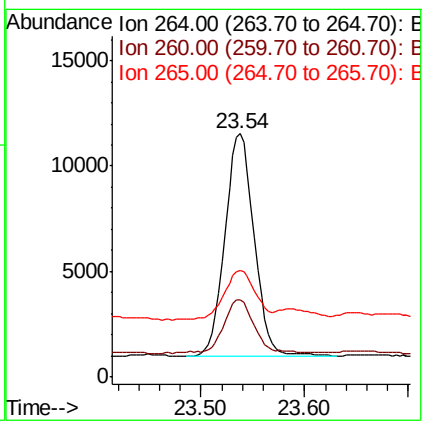


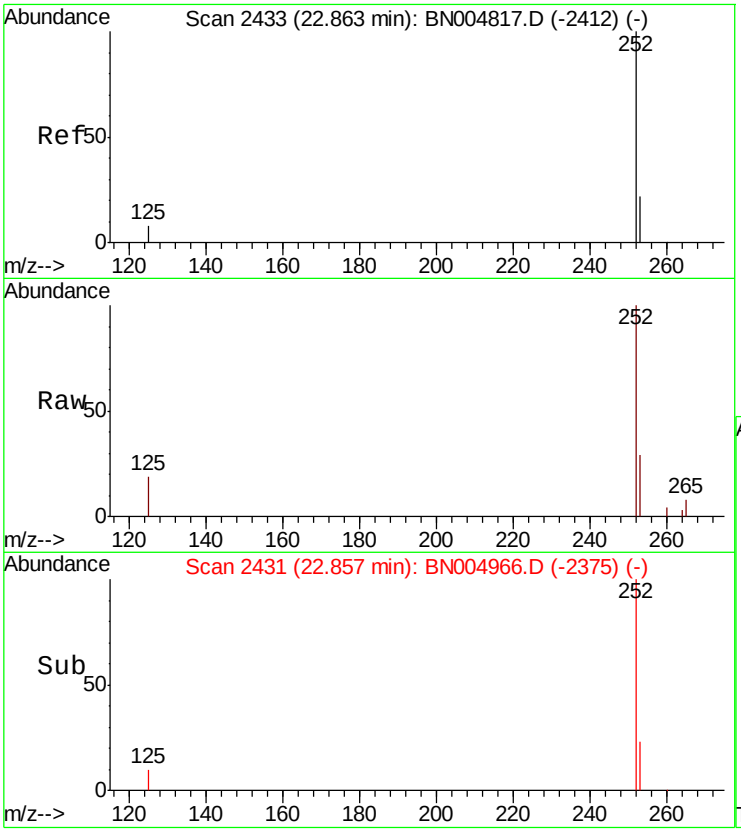


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion:264 Resp: 20602

Ion	Ratio	Lower	Upper
264	100		
260	31.7	19.5	29.3#
265	43.6	23.1	34.7#



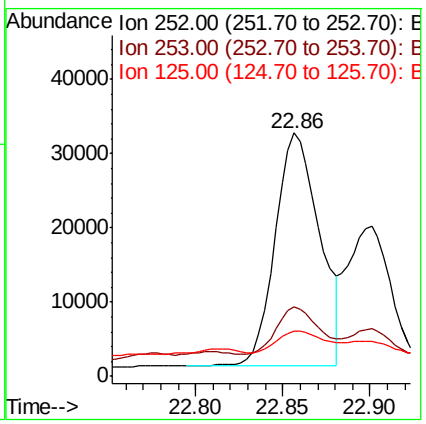


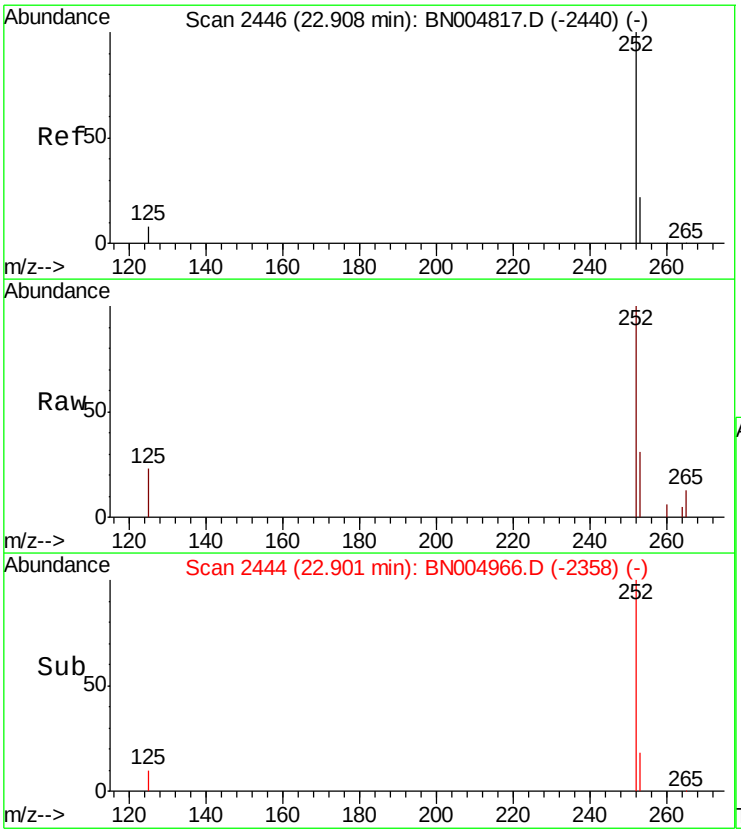
#35
Benzo(b)fluoranthene
Concen: 0.750 ng
RT: 22.86 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:252 Resp: 55912

Ion	Ratio	Lower	Upper
252	100		
253	28.6	19.0	28.4#
125	18.5	7.4	11.2#

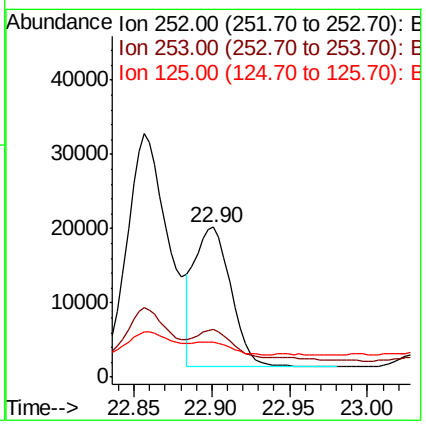


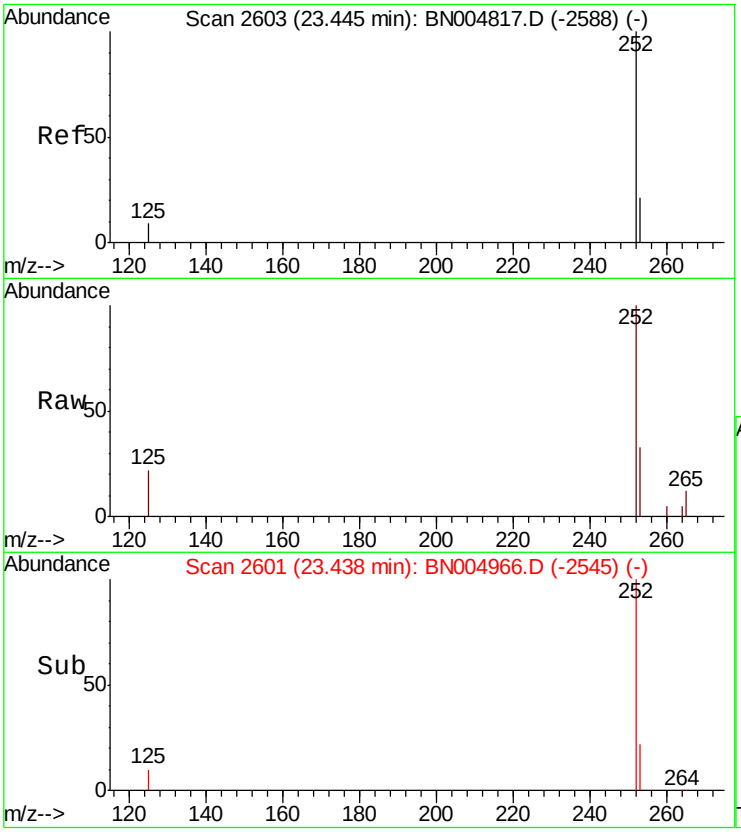


#36
Benzo(k)fluoranthene
Concen: 0.414 ng
RT: 22.90 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion:252 Resp: 30389

Ion	Ratio	Lower	Upper
252	100		
253	31.5	19.3	28.9#
125	23.5	7.4	11.0#



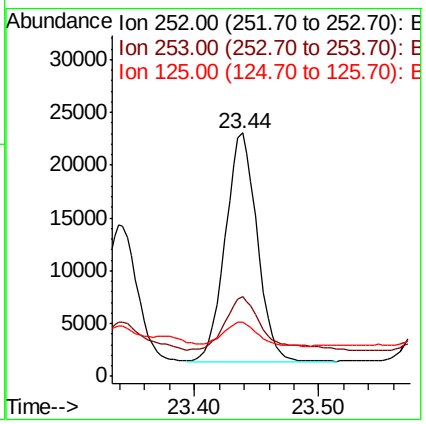


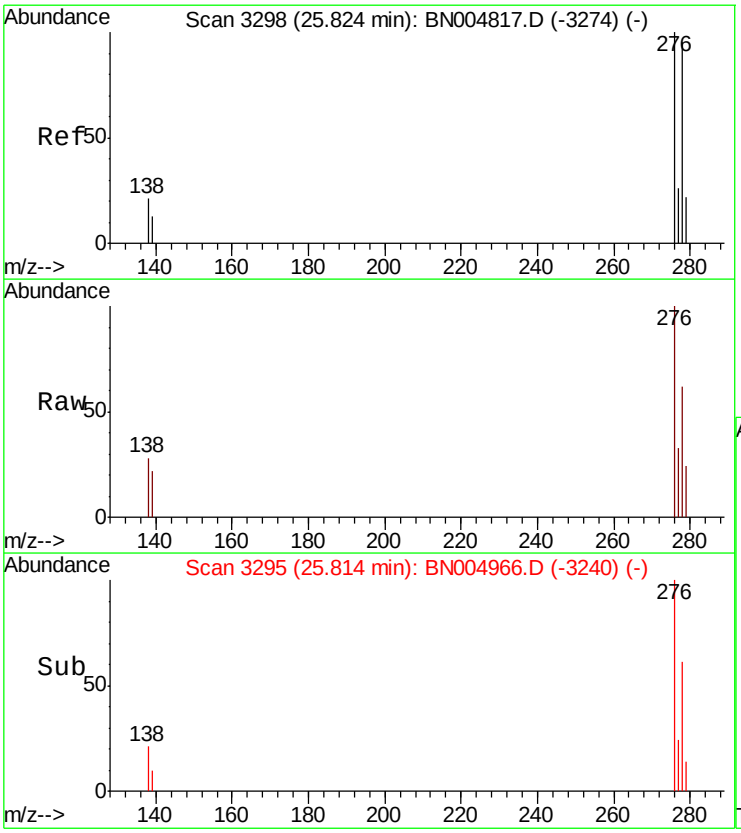
#37
Benzo(a)pyrene
Concen: 0.559 ng
RT: 23.44 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:252 Resp: 38201

Ion	Ratio	Lower	Upper
252	100		
253	32.5	19.7	29.5#
125	22.4	8.3	12.5#

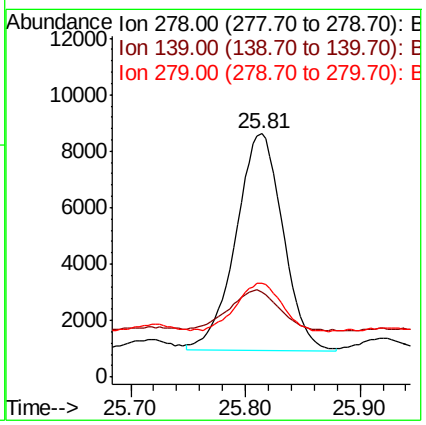


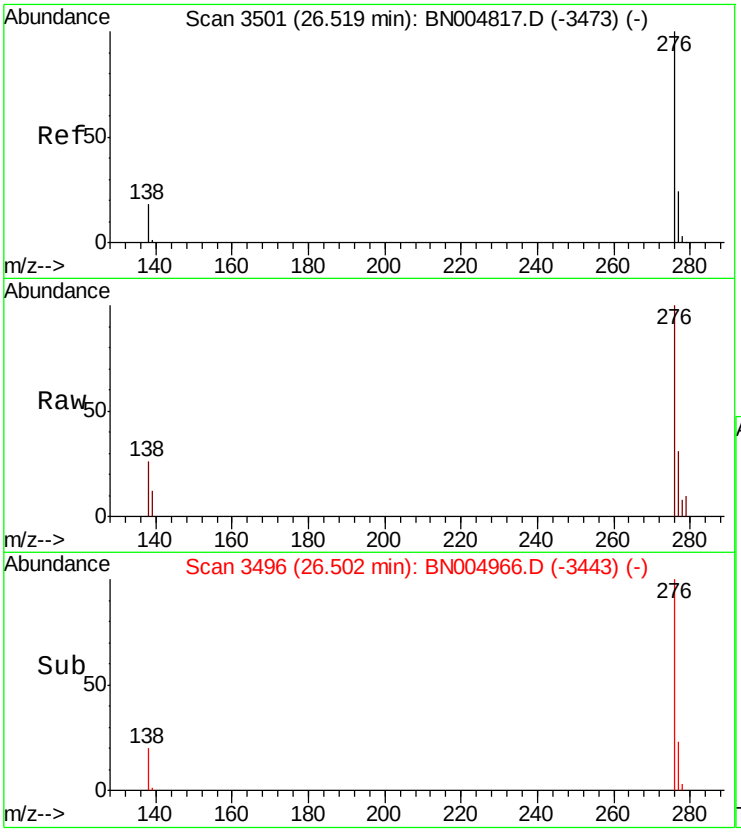


#38
Dibenzo(a,h)anthracene
Concen: 0.275 ng
RT: 25.81 min Scan# 3295
Delta R.T. -0.01 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Tgt Ion:278 Resp: 21791

Ion	Ratio	Lower	Upper
278	100		
139	35.1	11.7	17.5#
279	38.4	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.514 ng
RT: 26.50 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BN004966.D
Acq: 25 Mar 2019 18:18

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919MS

Tgt Ion:276 Resp: 41478

Ion	Ratio	Lower	Upper
276	100		
277	30.8	19.7	29.5#
138	25.5	14.6	22.0#