Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006717.D
Acq On : 05 Jul 2019 15:58
Operator : HP/JU
Sample : K3558-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-032-B204-062519

Quant Time: Jul 05 22:50:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2521	0.40	ng		-0.02
7) Naphthalene-d8	10.38	136	9278	0.40	ng		-0.01
13) Acenaphthene-d10	14.24	164	5797	0.40	ng		-0.02
19) Phenanthrene-d10	17.01	188	13671	0.40	ng		-0.01
27) Chrysene-d12	21.24	240	13957	0.40	ng		-0.02
34) Perylene-d12	23.46	264	16182	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	1673	0.24	ng		0.00
5) Phenol-d6	6.80	99	2322	0.27	ng		-0.03
8) Nitrobenzene-d5	8.81	82	1507	0.21	ng		0.01
11) 2-Methylnaphthalene-d10	11.98	152	3594	0.26	ng		-0.01
14) 2,4,6-Tribromophenol	15.78	330	514	0.18	ng		-0.01
15) 2-Fluorobiphenyl	12.86	172	4915	0.22	ng		-0.02
25) Fluoranthene-d10	19.06	212	9637	0.25	ng		-0.02
29) Terphenyl-d14	19.66	244	6428	0.20	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.46	42	28	0.009	ng	#	21
6) bis(2-Chloroethyl)ether	7.04	93	15	0.002	ng	#	13
9) Naphthalene	10.43	128	98	0.004	ng	#	1
10) Hexachlorobutadiene	10.73	225	5	0.001	ng	#	18
12) 2-Methylnaphthalene	12.06	142	46	Below Cal		#	28
16) Acenaphthylene	13.96	152	645	0.022	ng		96
17) Acenaphthene	14.31	154	68	0.004	ng		98
18) Fluorene	15.32	166	128	0.006	ng	#	78
20) 4-Bromophenyl-phenylether	16.23	248	4	0.000	ng	#	34
21) Hexachlorobenzene	16.33	284	3	0.000	ng	#	43
22) Pentachlorophenol	16.72	266	3	0.113	ng	#	80
23) Phenanthrene	17.06	178	3280	0.083	ng		97
24) Anthracene	17.16	178	661	0.019	ng	#	92
26) Fluoranthene	19.09	202	5869	0.127	ng		99
28) Pyrene	19.45	202	6219	0.111	ng		97
30) Benzo(a)anthracene	21.23	228	2937	0.061	ng	#	85
31) Chrysene	21.28	228	2931	0.059	ng	#	87
32) Bis(2-ethylhexyl)phthalate	21.14	149	3085	0.021	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.70	276	1928	0.032	ng		98
35) Benzo(b)fluoranthene	22.81	252	3527	0.068	ng	#	57
36) Benzo(k)fluoranthene	22.81	252	3527	0.063	ng	#	56
37) Benzo(a)pyrene	23.37	252	2588	0.051	ng	#	56
38) Dibenzo(a,h)anthracene	25.70	278	490	0.010	ng	#	1
39) Benzo(g,h,i)perylene	26.38	276	2115	0.041	ng	#	71

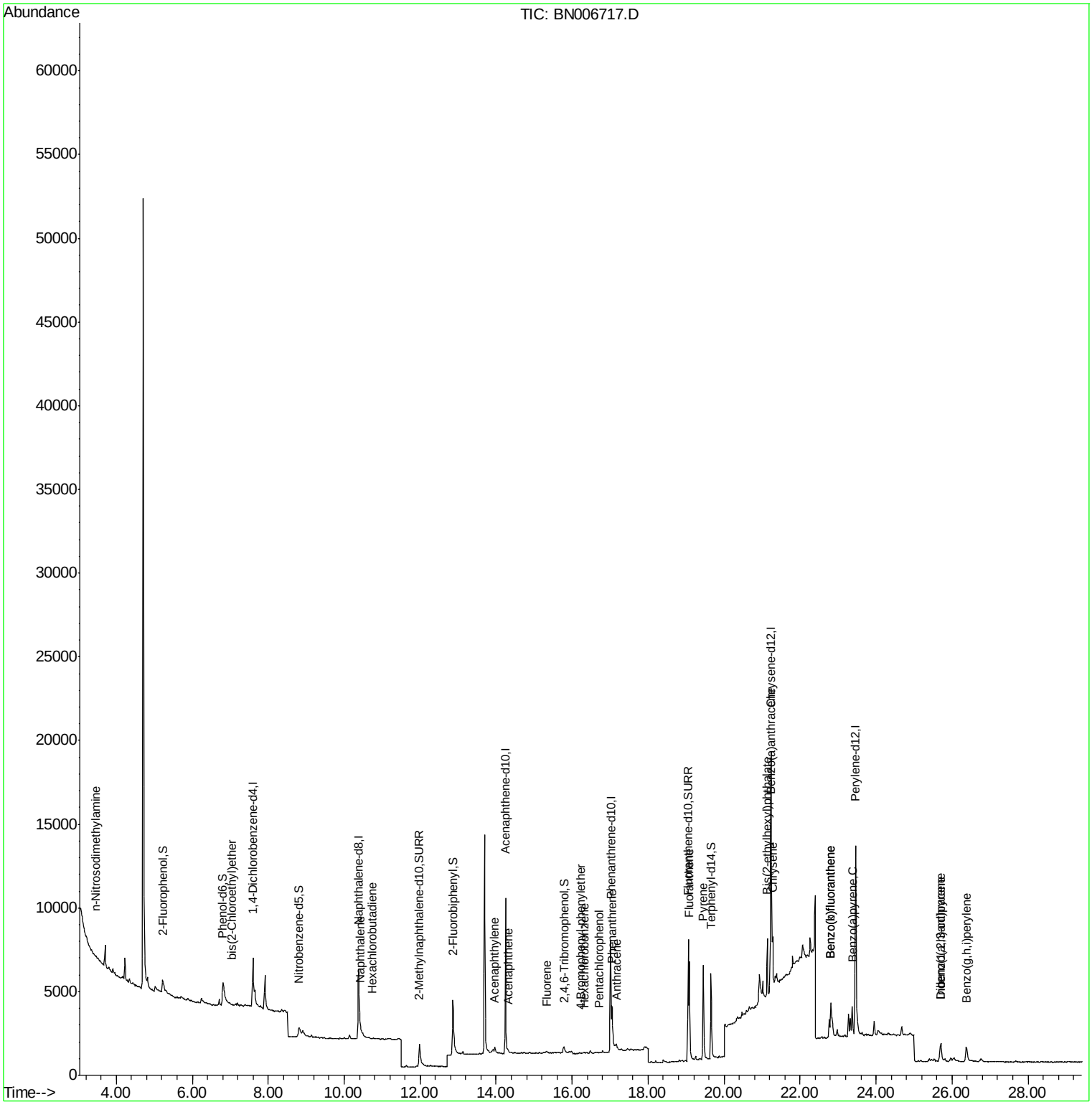
(#) = qualifier out of range (m) = manual integration (+) = signals summed

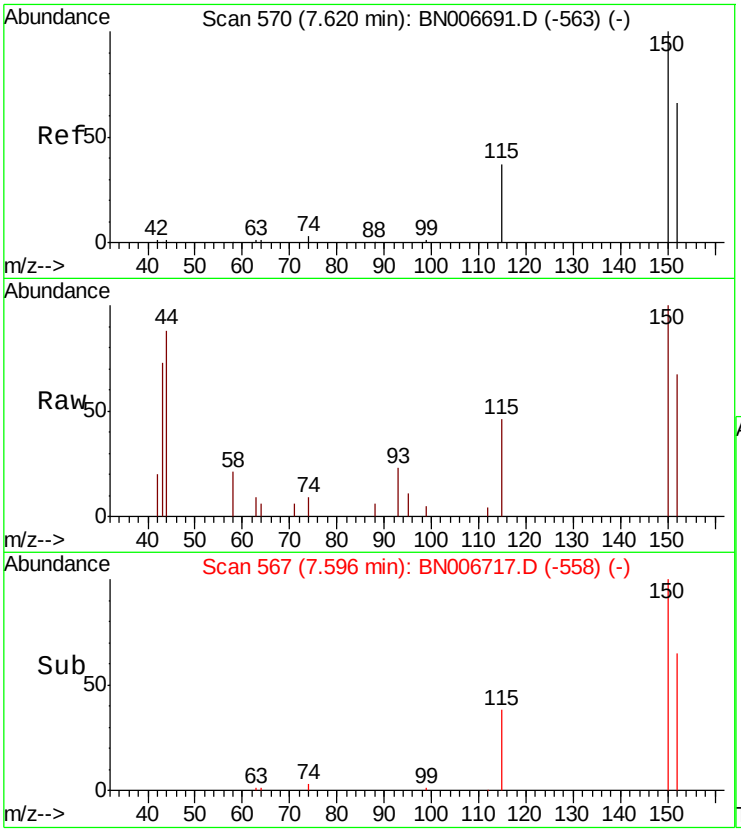
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006717.D
Acq On : 05 Jul 2019 15:58
Operator : HP/JU
Sample : K3558-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Quant Time: Jul 05 22:50:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration



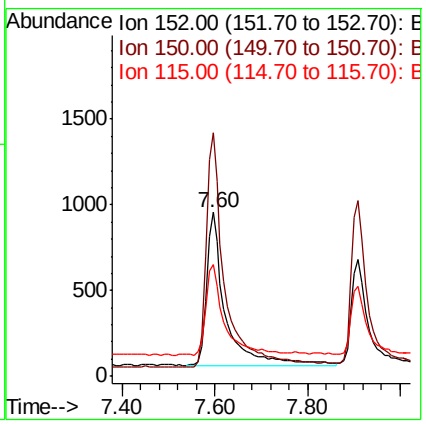


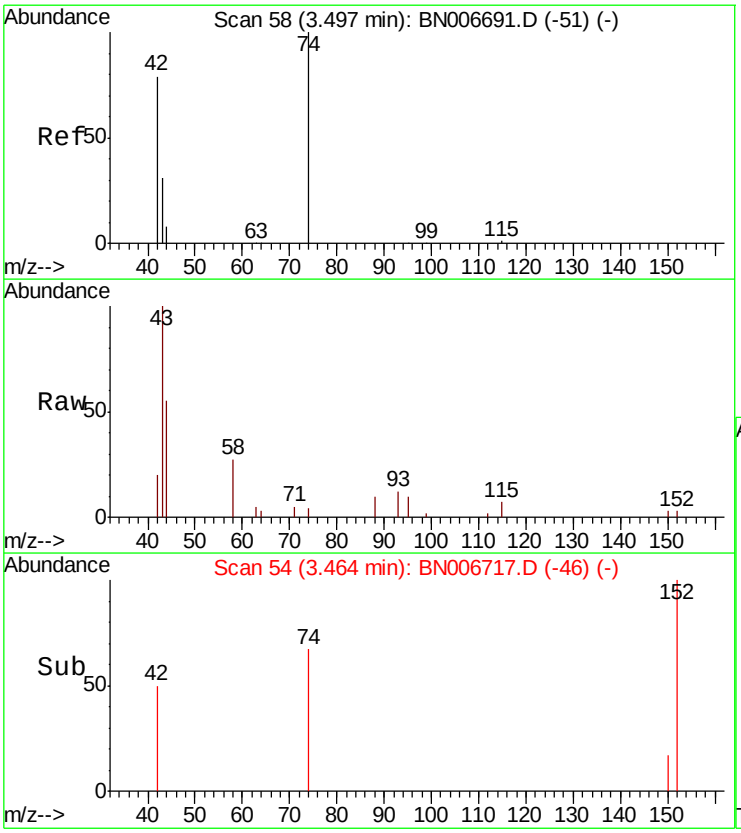
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:152 Resp: 2521

Ion	Ratio	Lower	Upper
152	100		
150	148.5	120.6	181.0
115	68.3	51.0	76.6

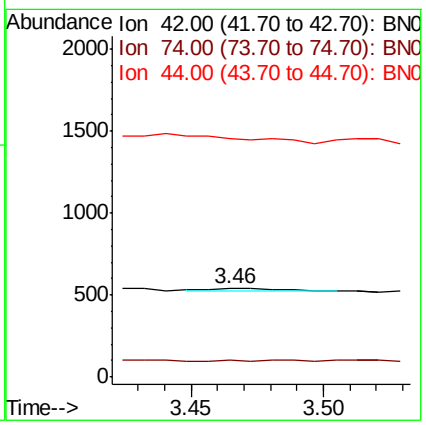


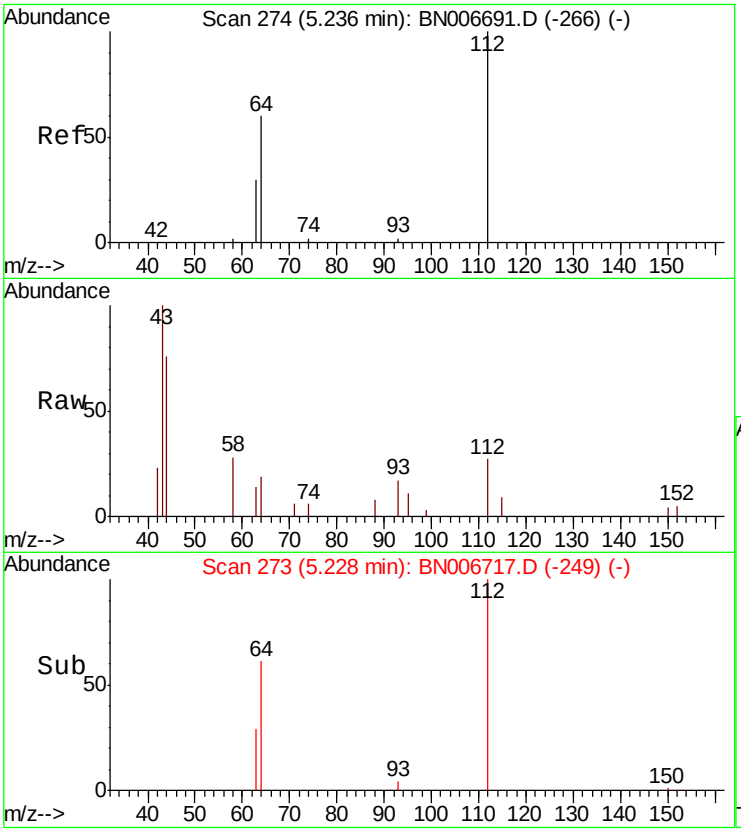


#3
n-Nitrosodimethylamine
Concen: 0.009 ng
RT: 3.46 min Scan# 54
Delta R.T. -0.03 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion: 42 Resp: 28

Ion	Ratio	Lower	Upper
42	100		
74	35.7	106.6	160.0#
44	0.0	8.0	12.0#



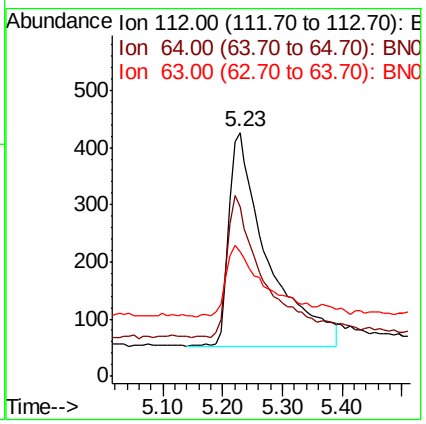


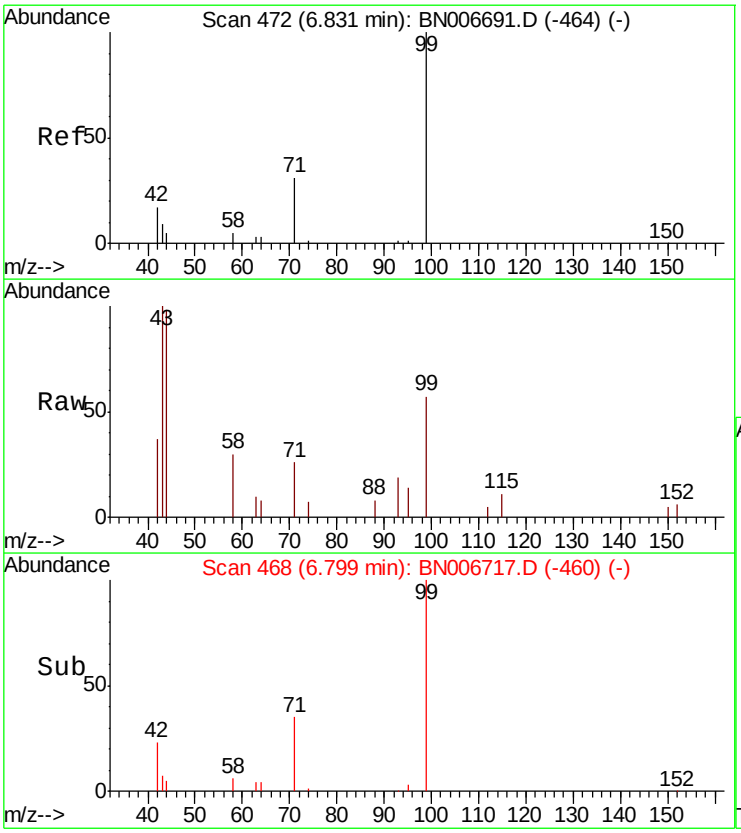
#4
2-Fluorophenol
Concen: 0.244 ng
RT: 5.23 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:112 Resp: 1673

Ion	Ratio	Lower	Upper
112	100		
64	64.0	49.8	74.6
63	33.7	25.8	38.6

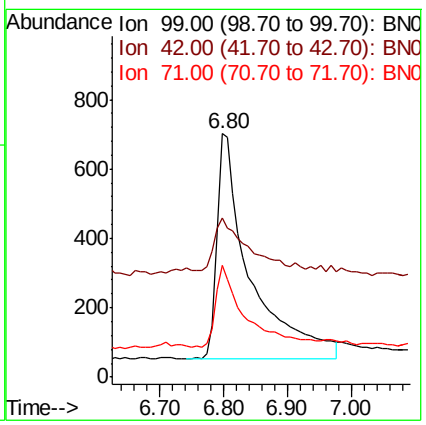


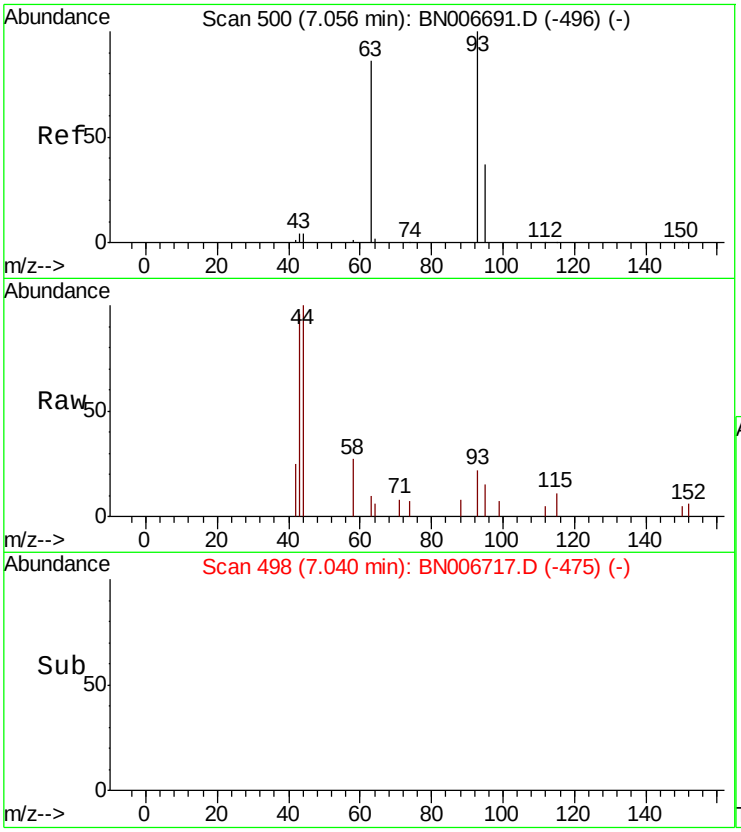


#5
Phenol-d6
Concen: 0.268 ng
RT: 6.80 min Scan# 468
Delta R.T. -0.03 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion: 99 Resp: 2322

Ion	Ratio	Lower	Upper
99	100		
42	22.8	16.6	25.0
71	33.4	26.0	39.0



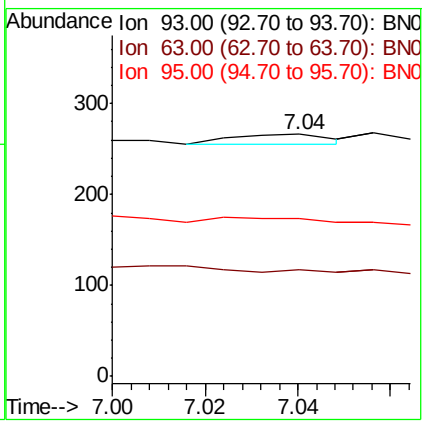


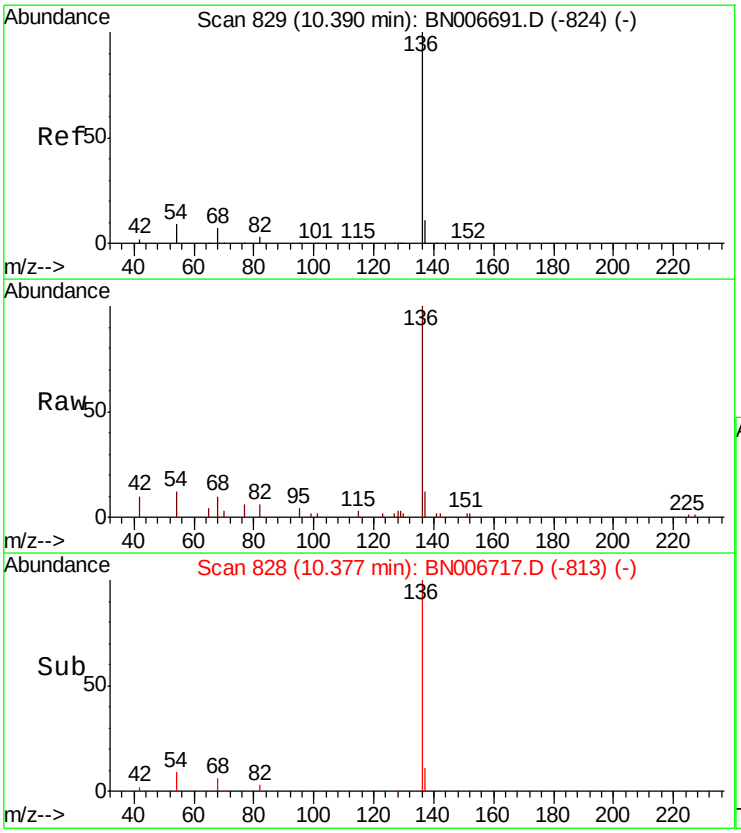
#6
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 7.04 min Scan# 498
Delta R.T. -0.02 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion: 93 Resp: 15

Ion	Ratio	Lower	Upper
93	100		
63	0.0	58.6	87.8#
95	86.7	28.3	42.5#

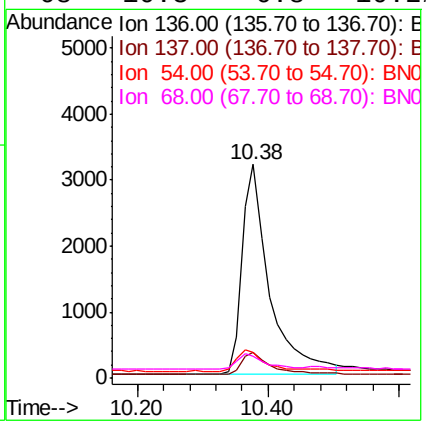


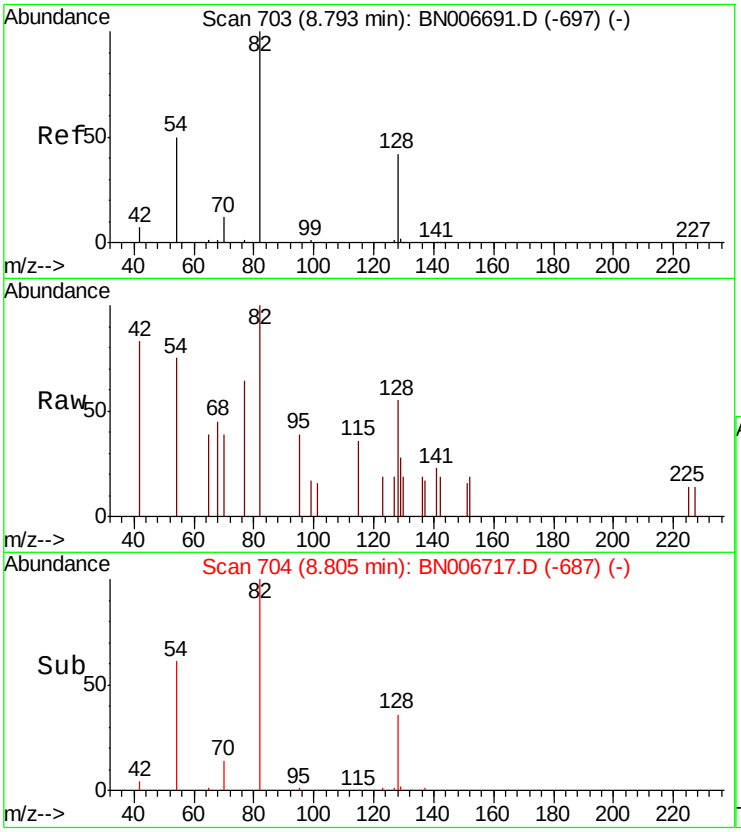


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 828
Delta R.T. -0.01 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:136 Resp: 9278

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.3	13.9
54	11.8	8.4	12.6
68	10.3	6.8	10.2#



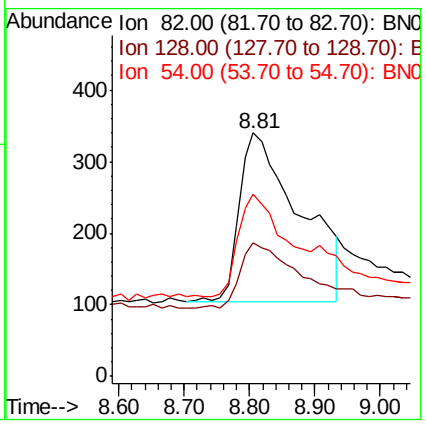


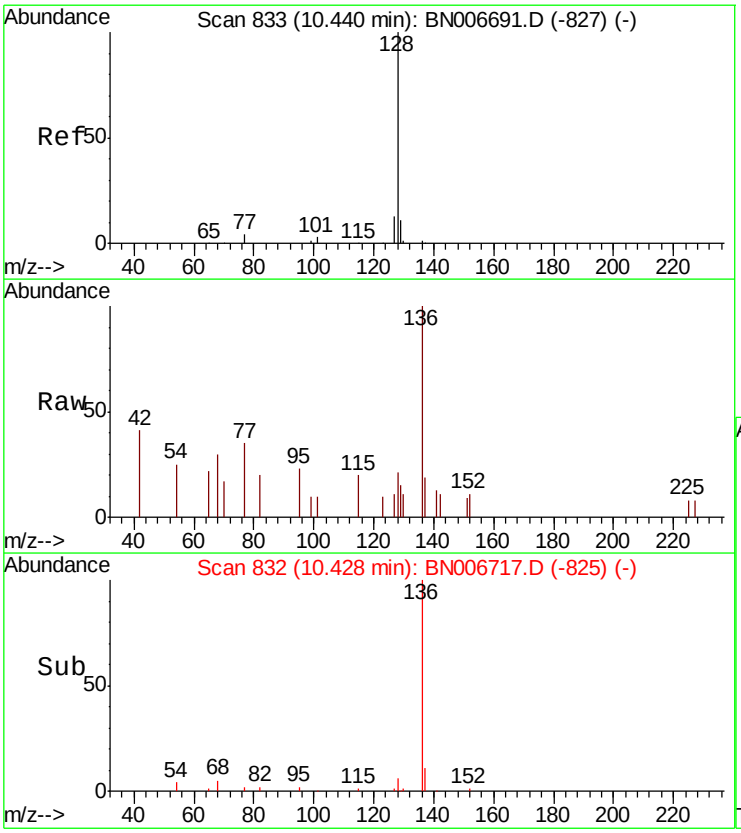
#8
Nitrobenzene-d5
Concen: 0.212 ng
RT: 8.81 min Scan# 704
Delta R.T. 0.01 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion: 82 Resp: 1507

Ion	Ratio	Lower	Upper
82	100		
128	54.7	36.1	54.1#
54	75.0	44.5	66.7#

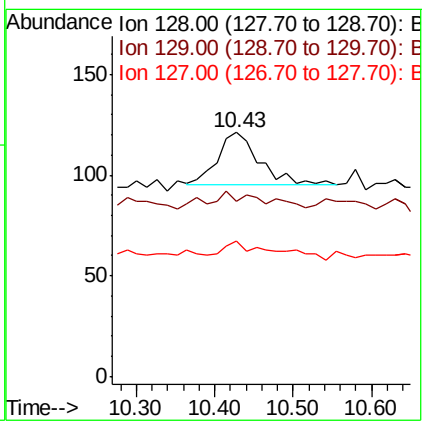


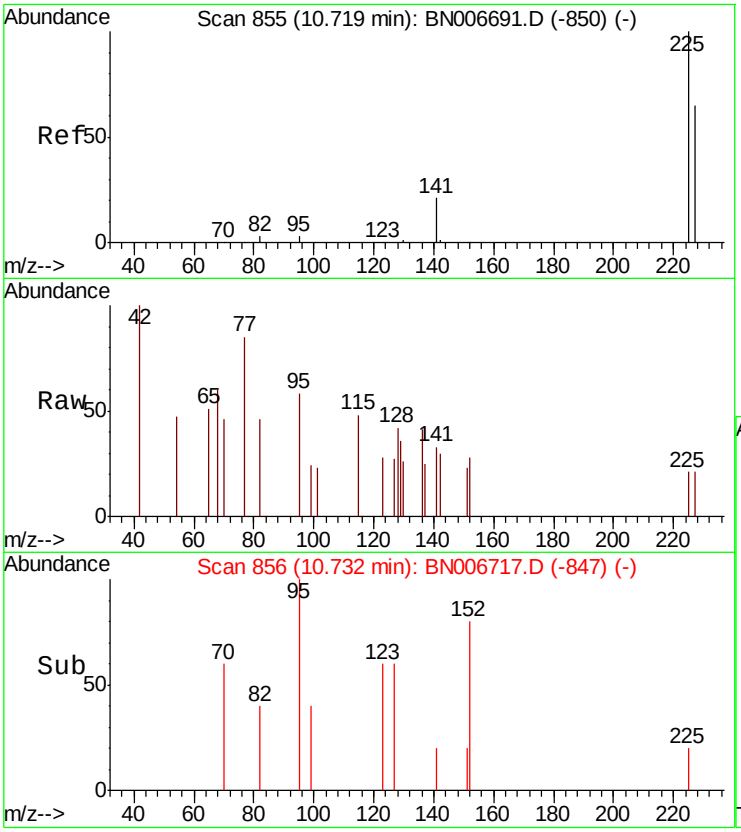


#9
Naphthalene
Concen: 0.004 ng
RT: 10.43 min Scan# 832
Delta R.T. -0.01 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:128 Resp: 98

Ion	Ratio	Lower	Upper
128	100		
129	71.9	9.6	14.4#
127	55.4	11.0	16.4#



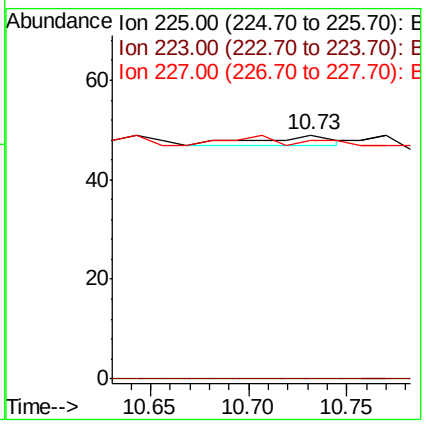


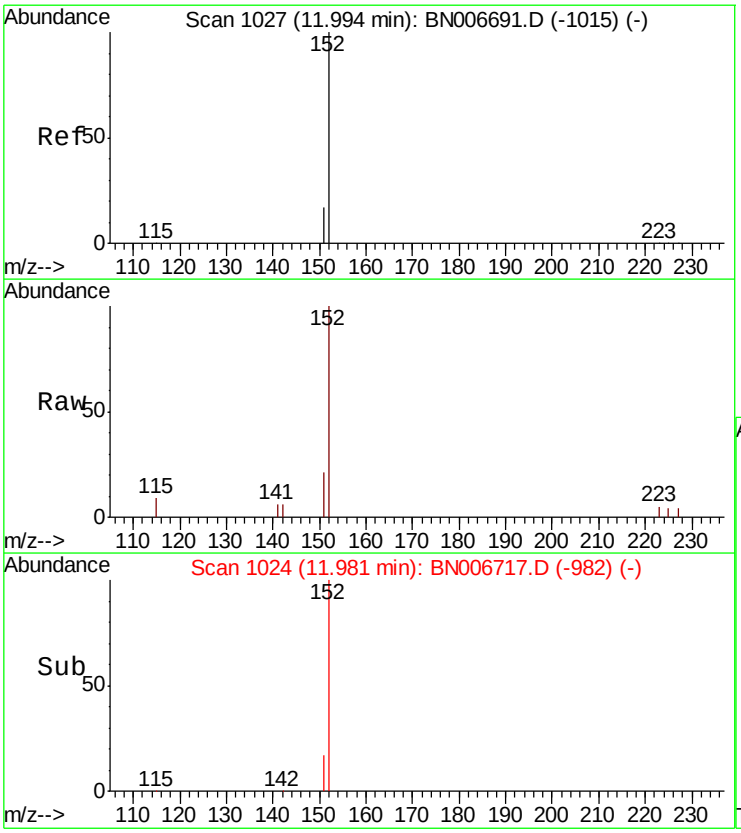
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.73 min Scan# 856
Delta R.T. 0.01 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:225 Resp: 5

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	0.0	50.9	76.3#

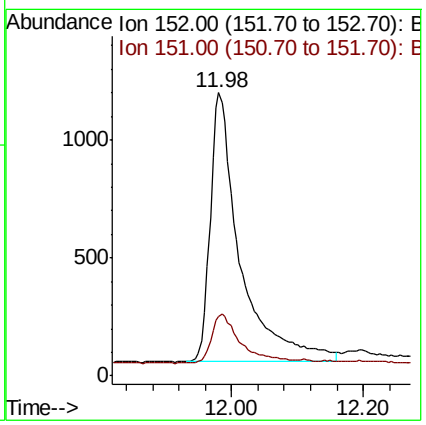


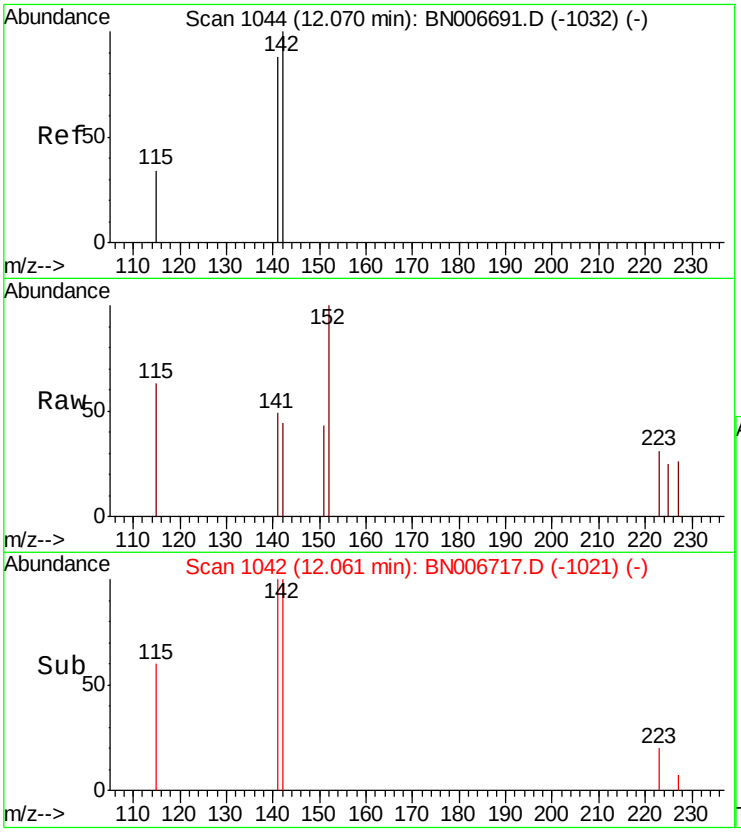


#11
2-Methylnaphthalene-d10
Concen: 0.258 ng
RT: 11.98 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:152 Resp: 3594

Ion	Ratio	Lower	Upper
152	100		
151	18.8	14.9	22.3



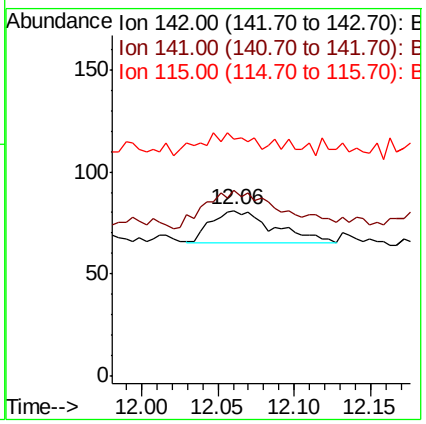


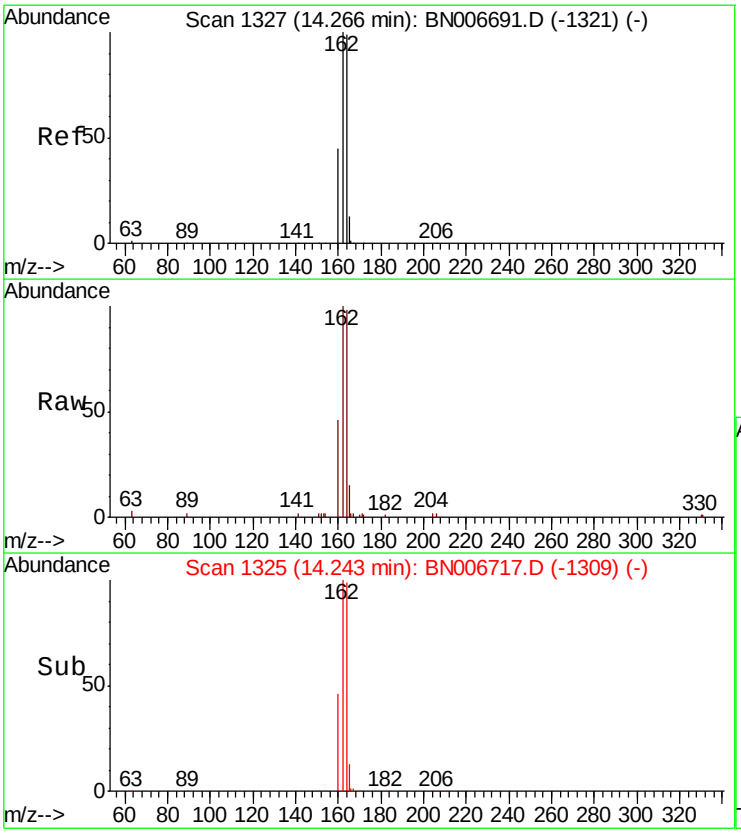
#12
2-Methylnaphthalene
Concen: Below Cal
RT: 12.06 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:142 Resp: 46

Ion	Ratio	Lower	Upper
142	100		
141	112.3	70.3	105.5#
115	143.2	28.9	43.3#

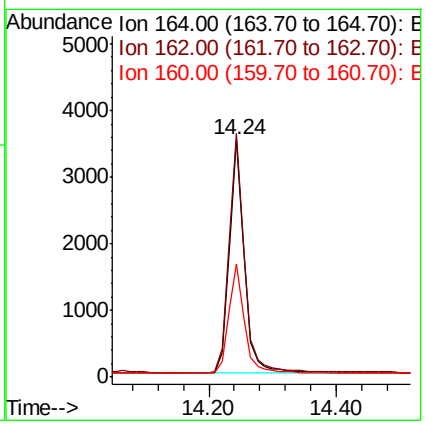


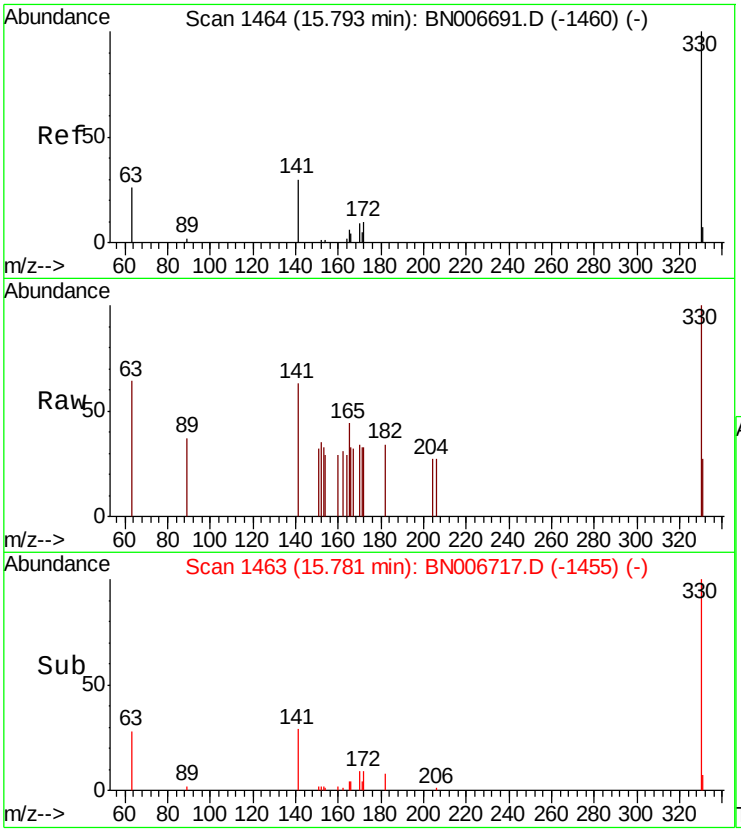


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:164 Resp: 5797

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.8	121.2
160	47.3	37.0	55.6



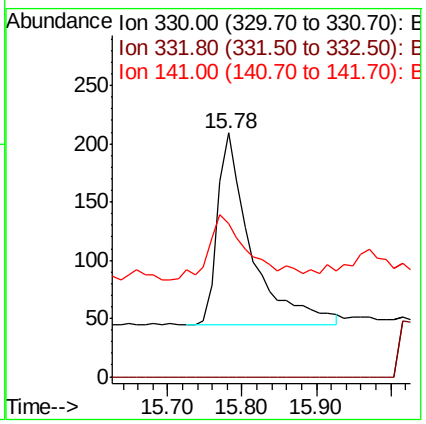


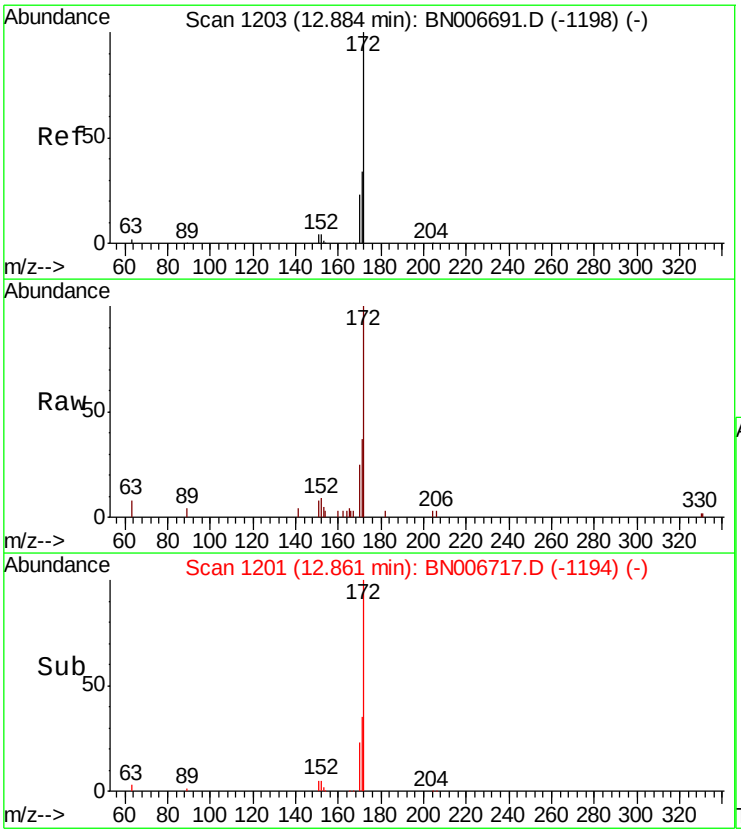
#14
2,4,6-Tribromophenol
Concen: 0.180 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:330 Resp: 514

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.9	24.8	37.2#

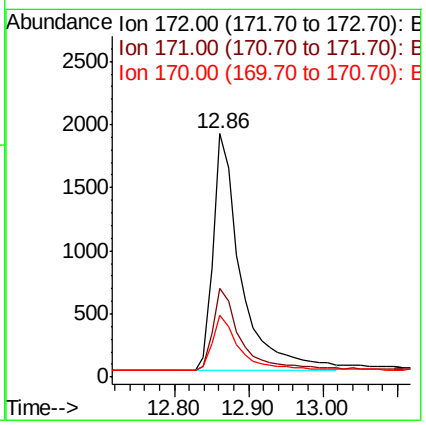


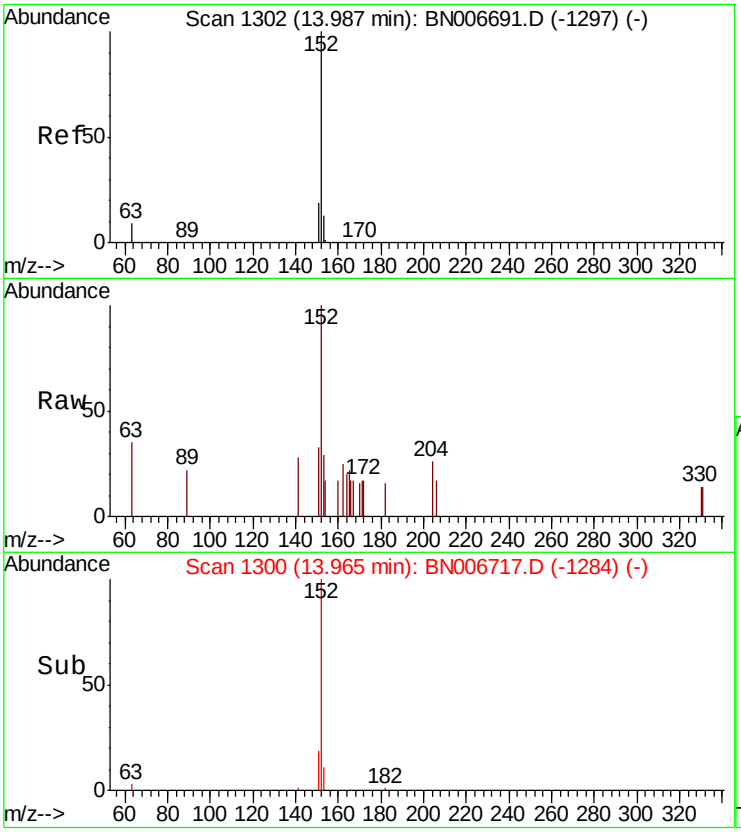


#15
2-Fluorobiphenyl
Concen: 0.217 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:172 Resp: 4915

Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.8	41.6
170	25.3	18.9	28.3



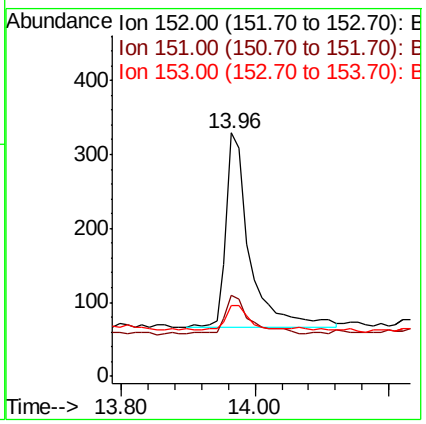


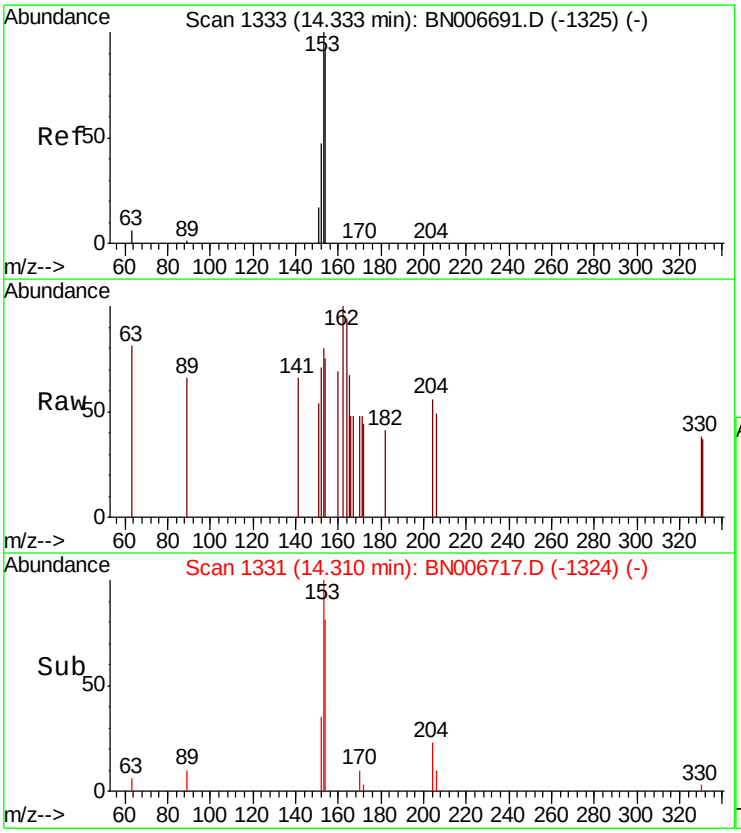
#16
Acenaphthylene
Concen: 0.022 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:152 Resp: 645

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.7	23.5
153	11.5	10.6	15.8

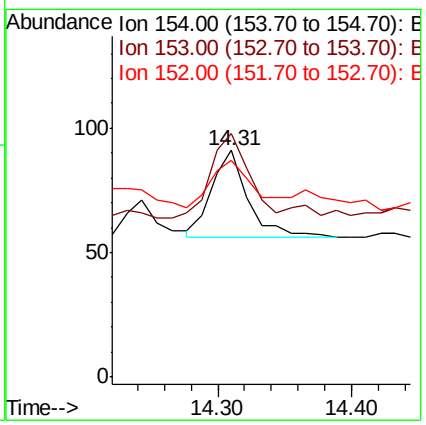


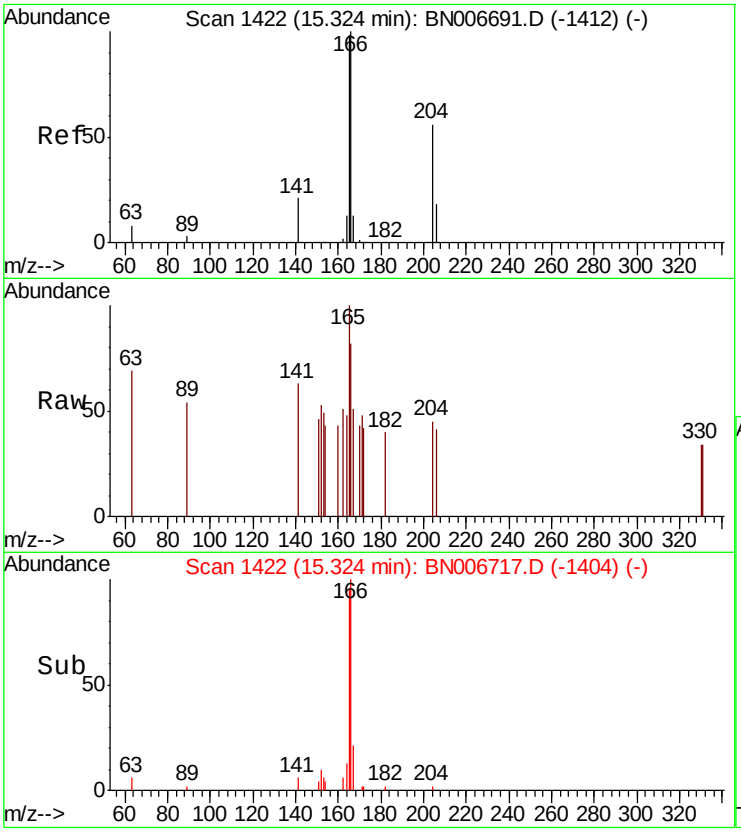


#17
Acenaphthene
Concen: 0.004 ng
RT: 14.31 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:154 Resp: 68

Ion	Ratio	Lower	Upper
154	100		
153	111.8	88.9	133.3
152	57.4	42.8	64.2



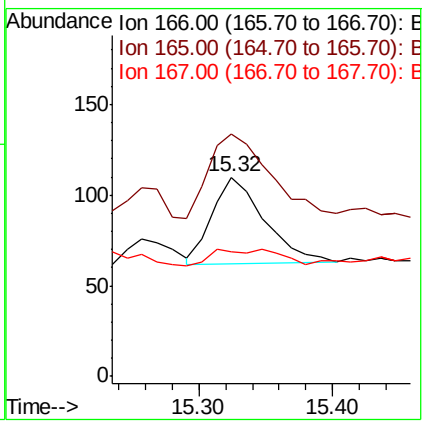


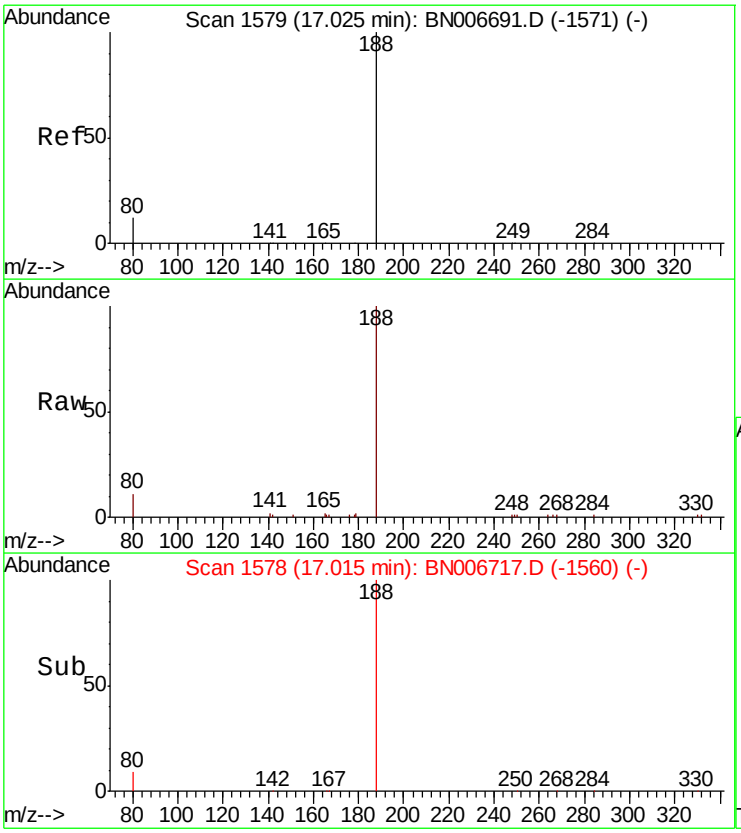
#18
Fluorene
Concen: 0.006 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:166 Resp: 128

Ion	Ratio	Lower	Upper
166	100		
165	118.0	78.0	117.0#
167	24.2	10.7	16.1#

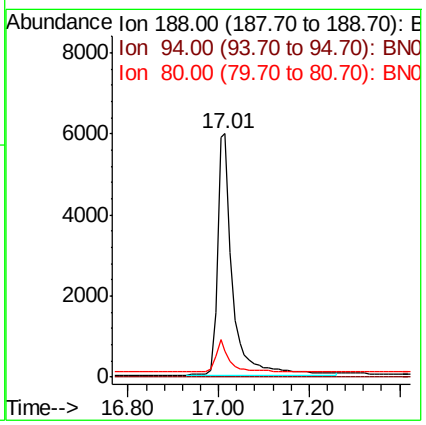


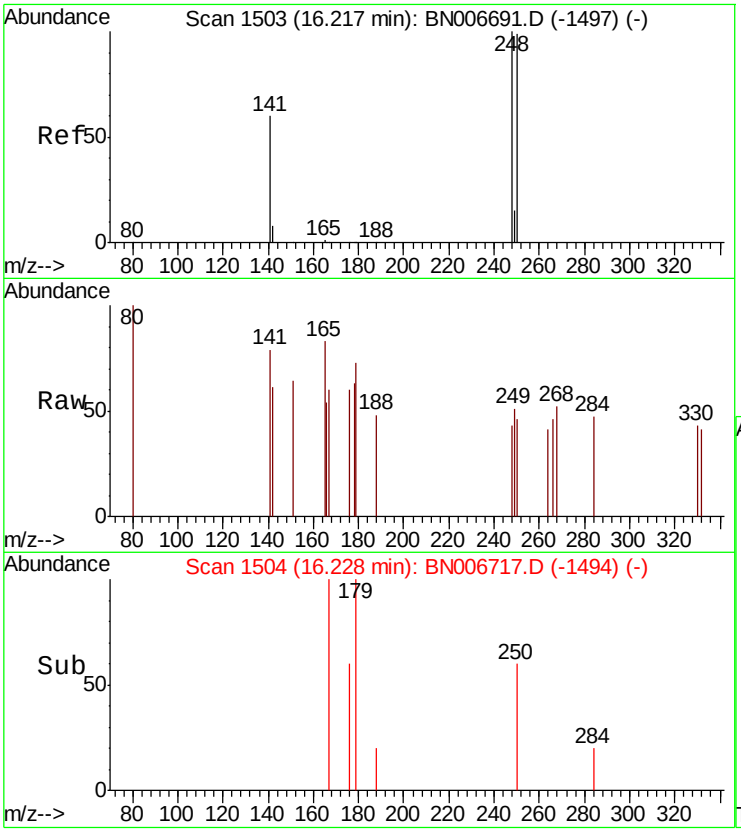


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.01 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:188 Resp: 13671

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	10.3	15.5



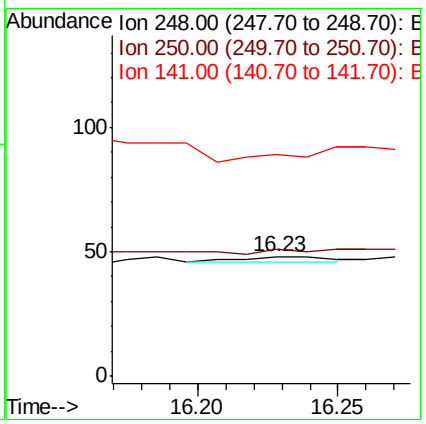


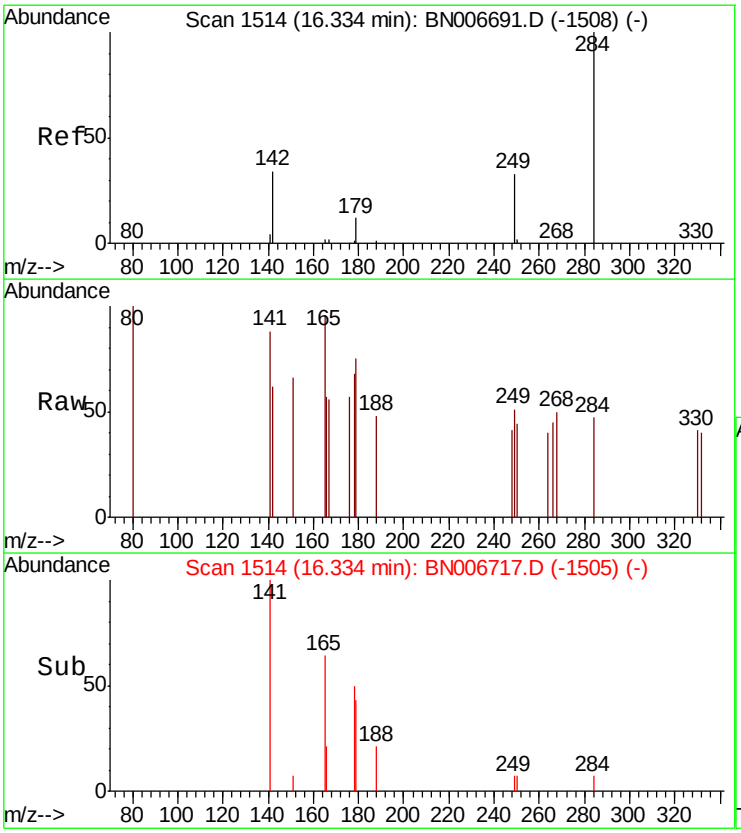
#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.23 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:248 Resp: 4

Ion	Ratio	Lower	Upper
248	100		
250	106.3	79.0	118.6
141	185.4	50.2	75.4#

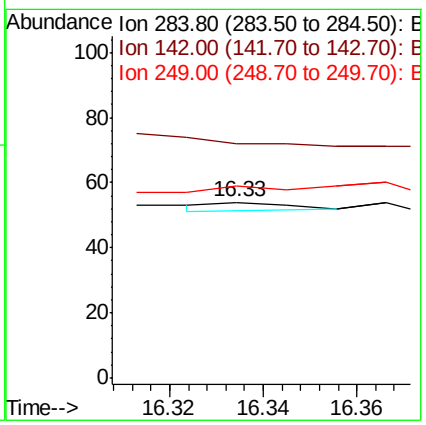


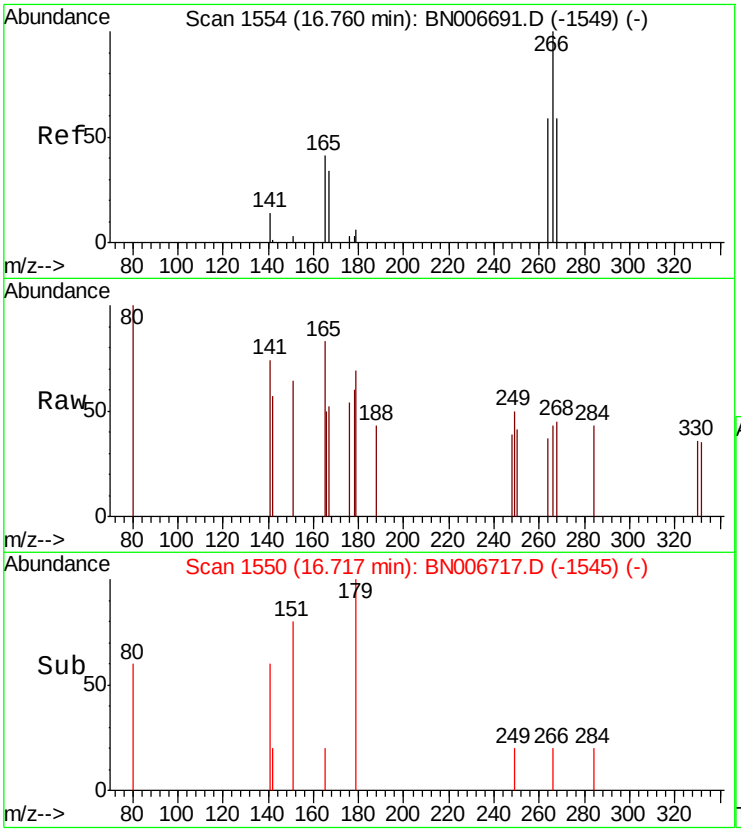


#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.33 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:284 Resp: 3

Ion	Ratio	Lower	Upper
284	100		
142	0.0	26.9	40.3#
249	0.0	24.4	36.6#



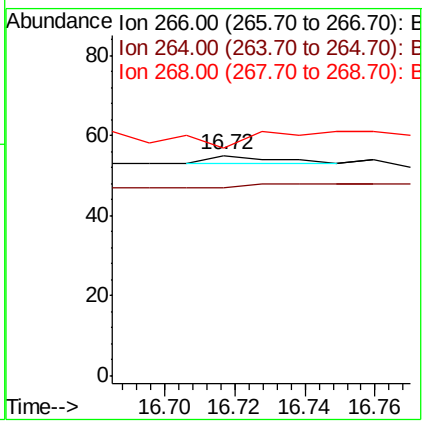


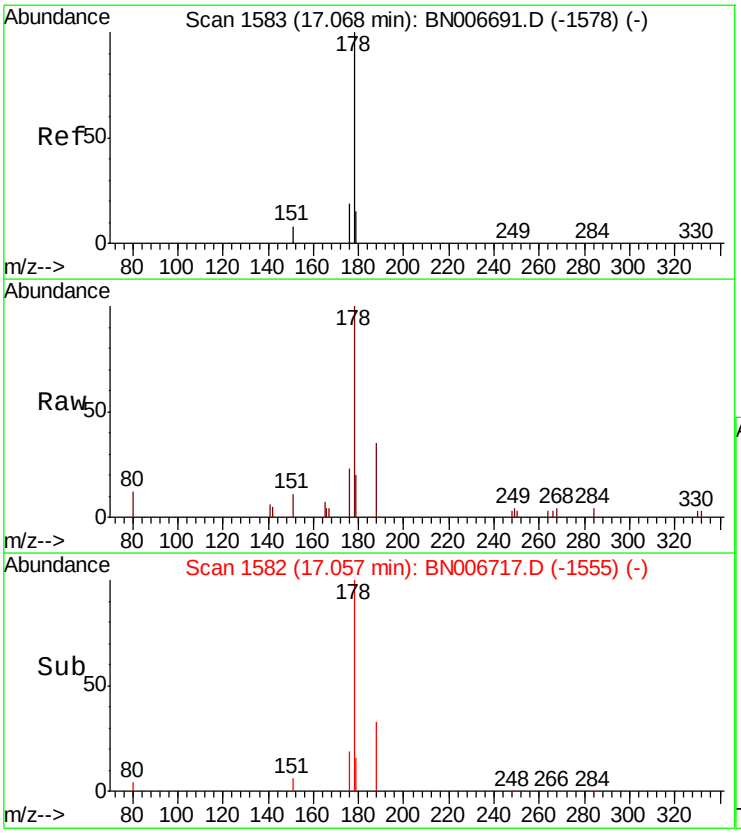
#22
Pentachlorophenol
Concen: 0.113 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.04 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:266 Resp: 3

Ion	Ratio	Lower	Upper
266	100		
264	85.5	57.6	86.4
268	103.6	66.6	99.8#

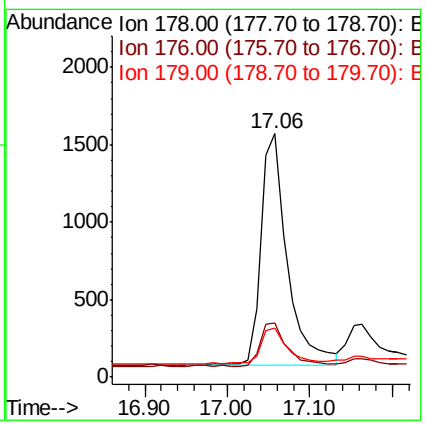


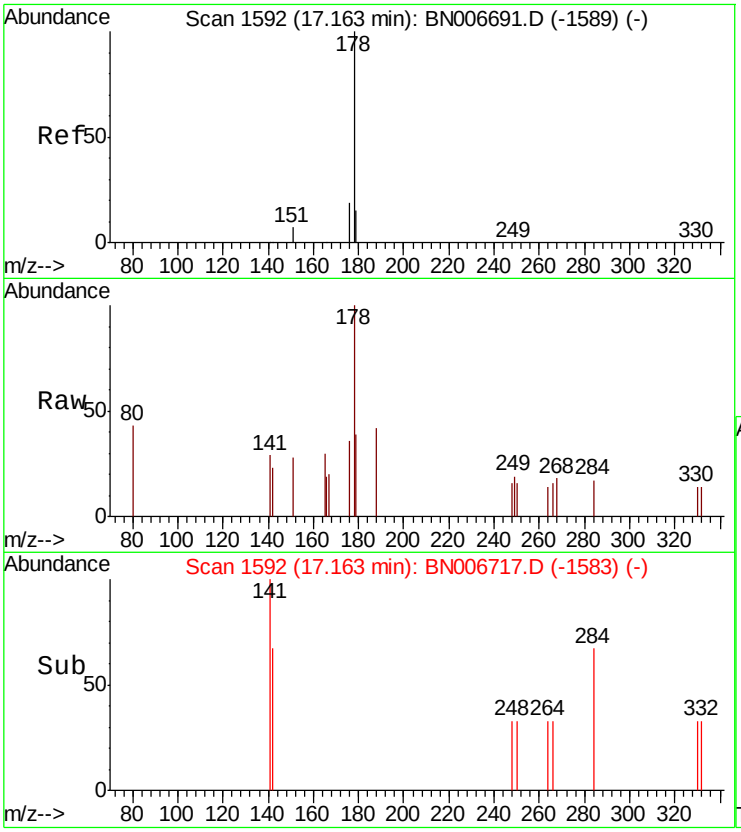


#23
Phenanthrene
Concen: 0.083 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:178 Resp: 3280

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	17.7	12.4	18.6



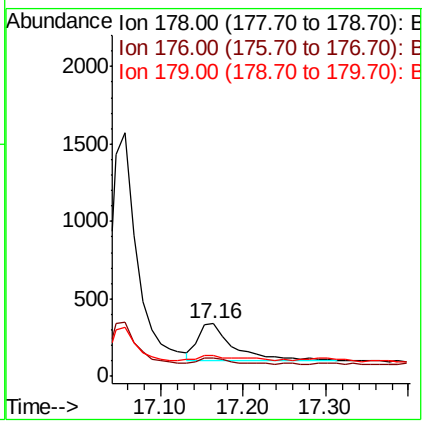


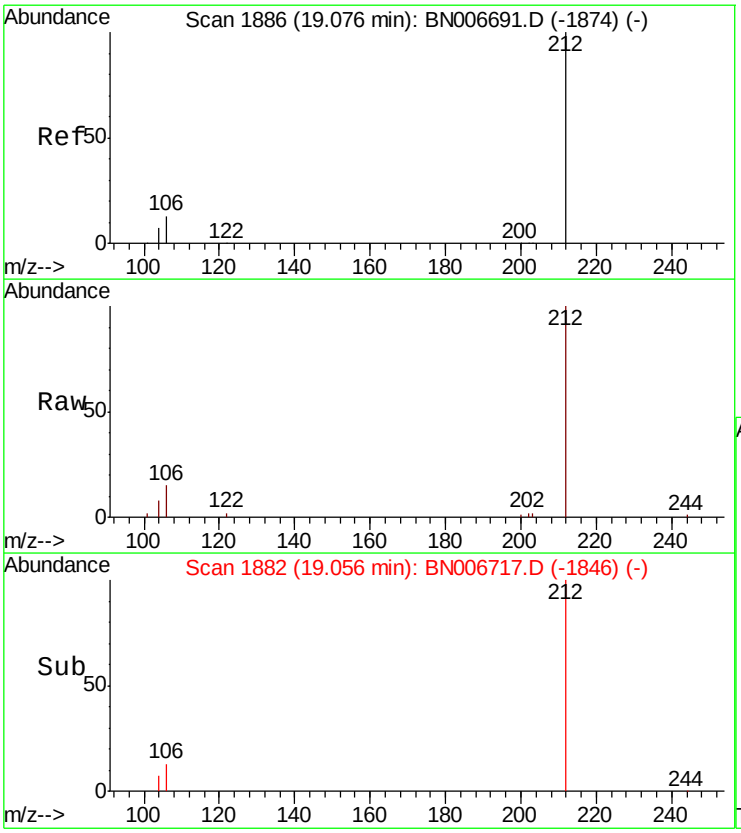
#24
Anthracene
Concen: 0.019 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:178 Resp: 661

Ion	Ratio	Lower	Upper
178	100		
176	15.4	14.8	22.2
179	11.3	11.9	17.9#

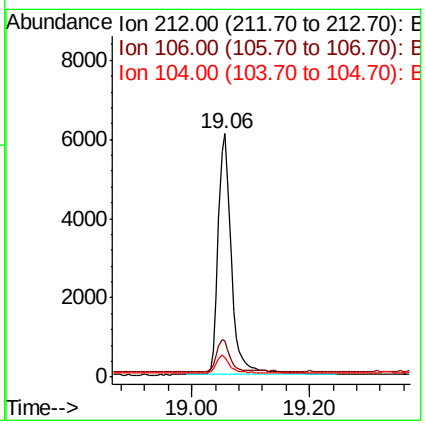


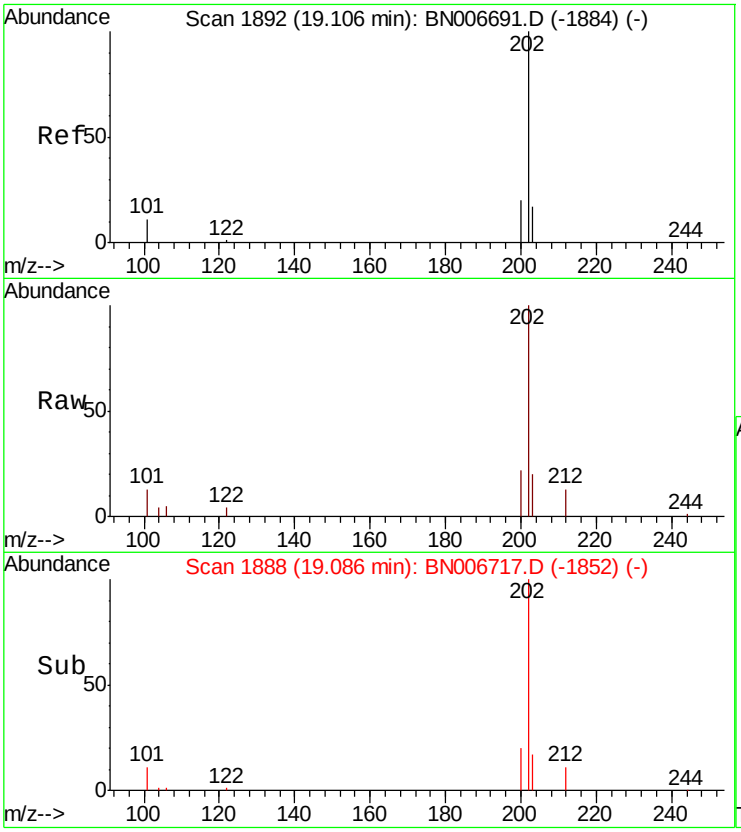


#25
Fluoranthene-d10
Concen: 0.246 ng
RT: 19.06 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:212 Resp: 9637

Ion	Ratio	Lower	Upper
212	100		
106	12.9	11.0	16.6
104	7.5	6.1	9.1



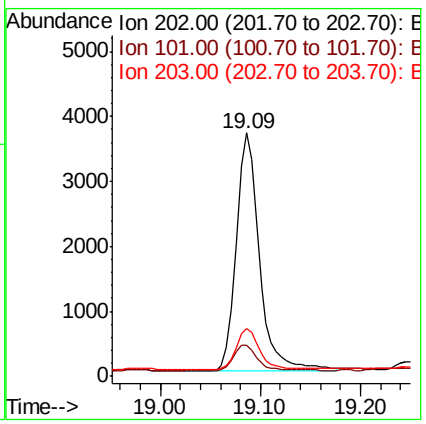


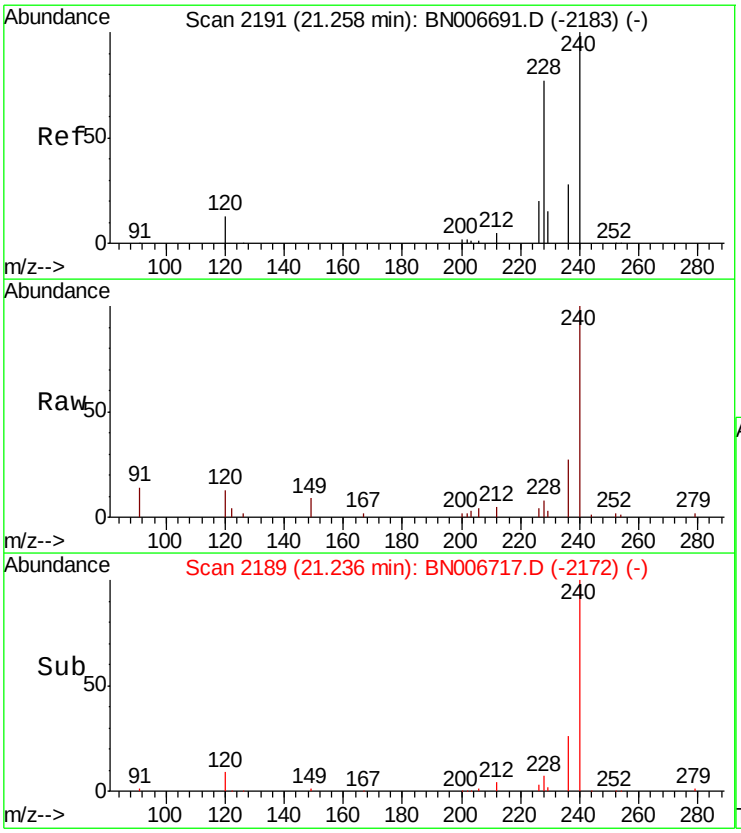
#26
Fluoranthene
Concen: 0.127 ng
RT: 19.09 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:202 Resp: 5869

Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.7	13.1
203	17.2	13.8	20.6

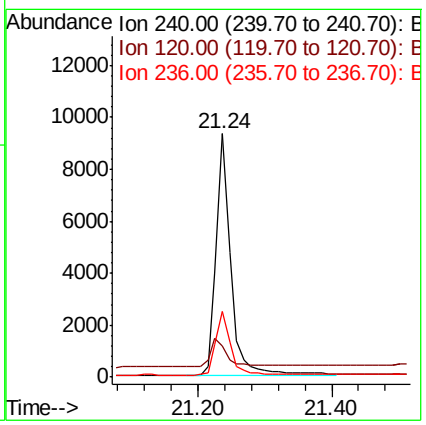


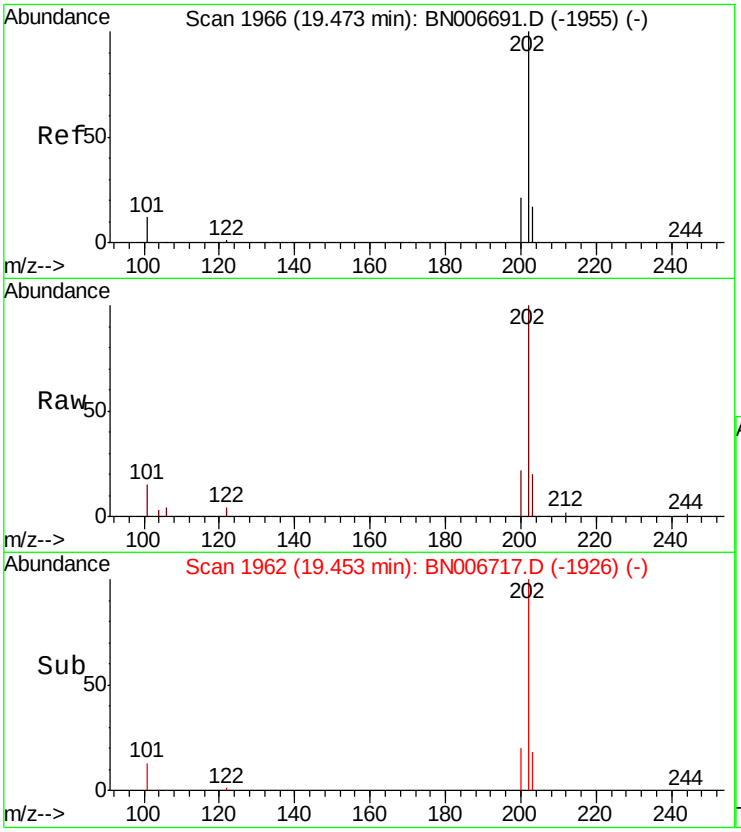


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:240 Resp: 13957

Ion	Ratio	Lower	Upper
240	100		
120	12.9	12.9	19.3
236	27.1	23.2	34.8



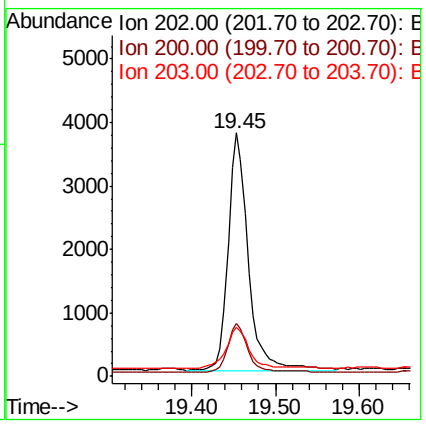


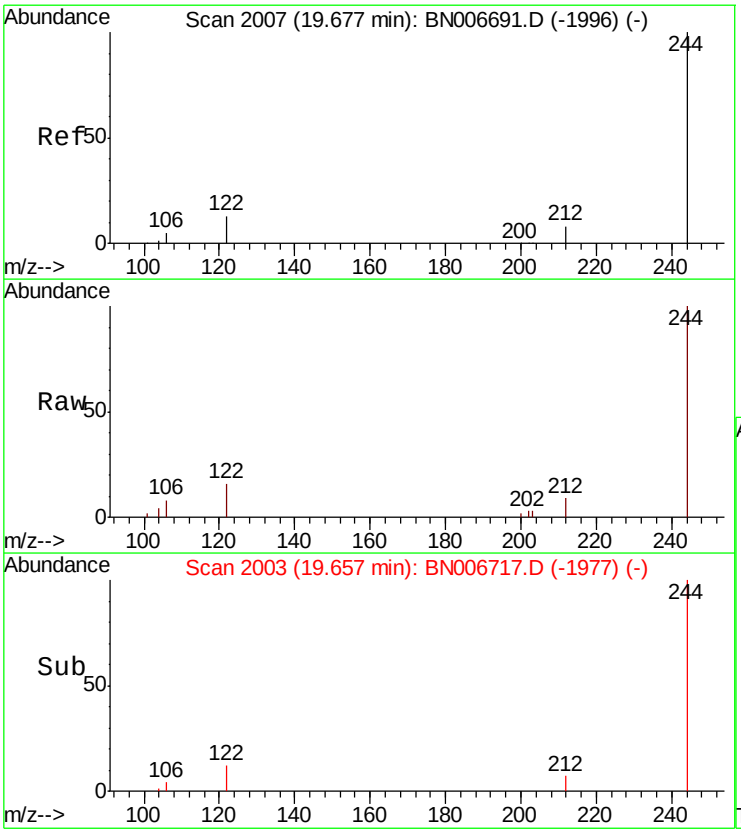
#28
Pyrene
Concen: 0.111 ng
RT: 19.45 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:202 Resp: 6219

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.8	25.2
203	20.1	14.2	21.2

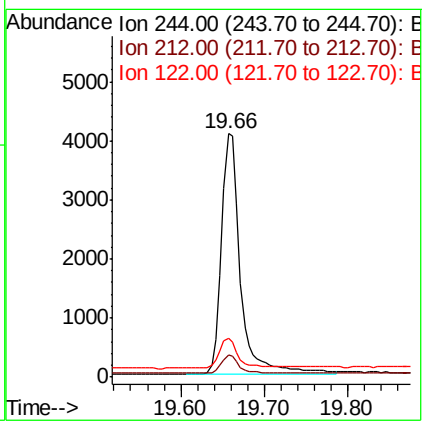


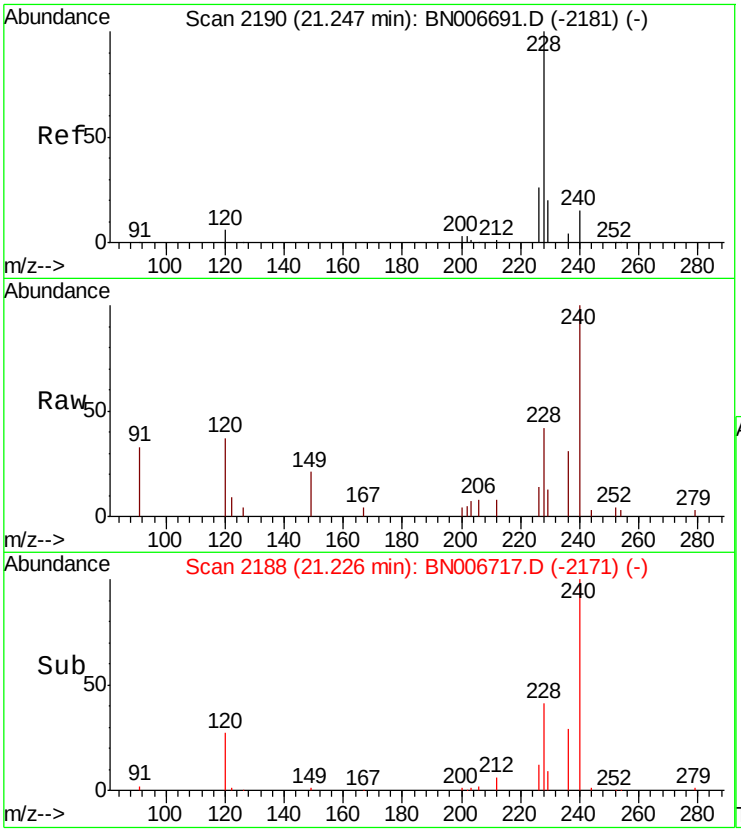


#29
Terphenyl-d14
Concen: 0.200 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:244 Resp: 6428

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.4
122	15.8	11.5	17.3



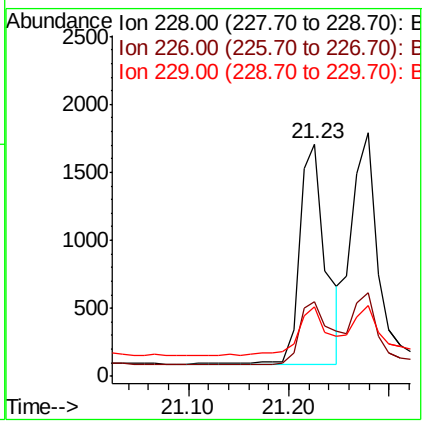


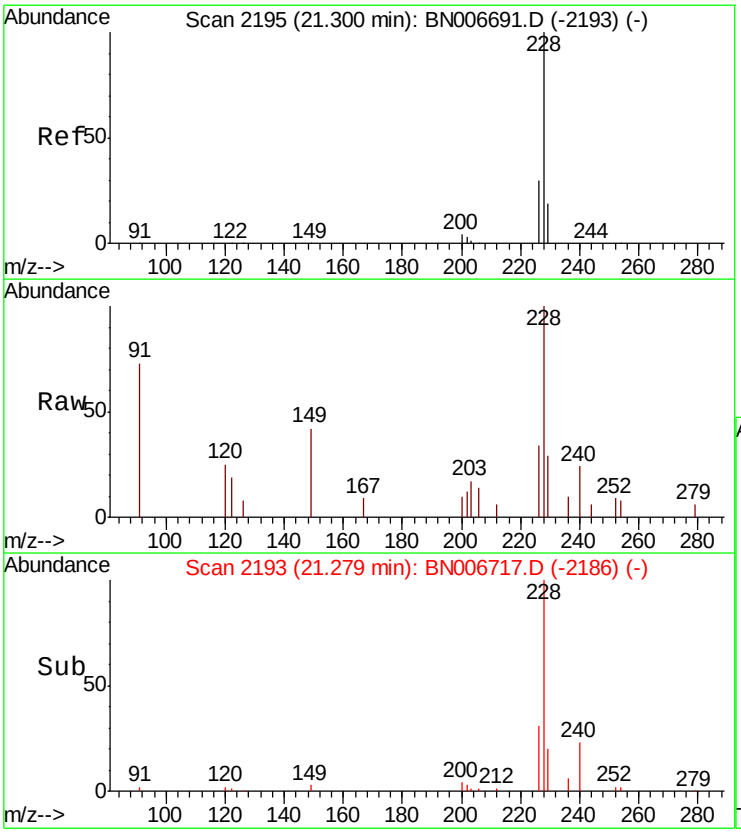
#30
Benzo(a)anthracene
Concen: 0.061 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:228 Resp: 2937

Ion	Ratio	Lower	Upper
228	100		
226	32.4	21.5	32.3#
229	29.7	16.2	24.4#

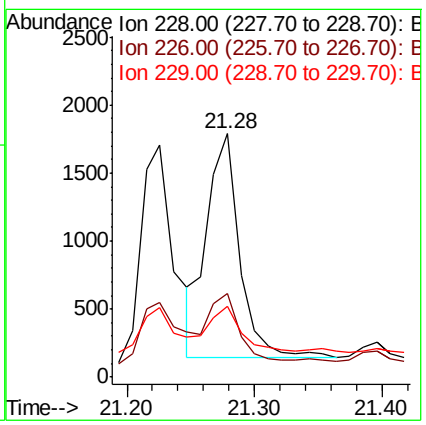


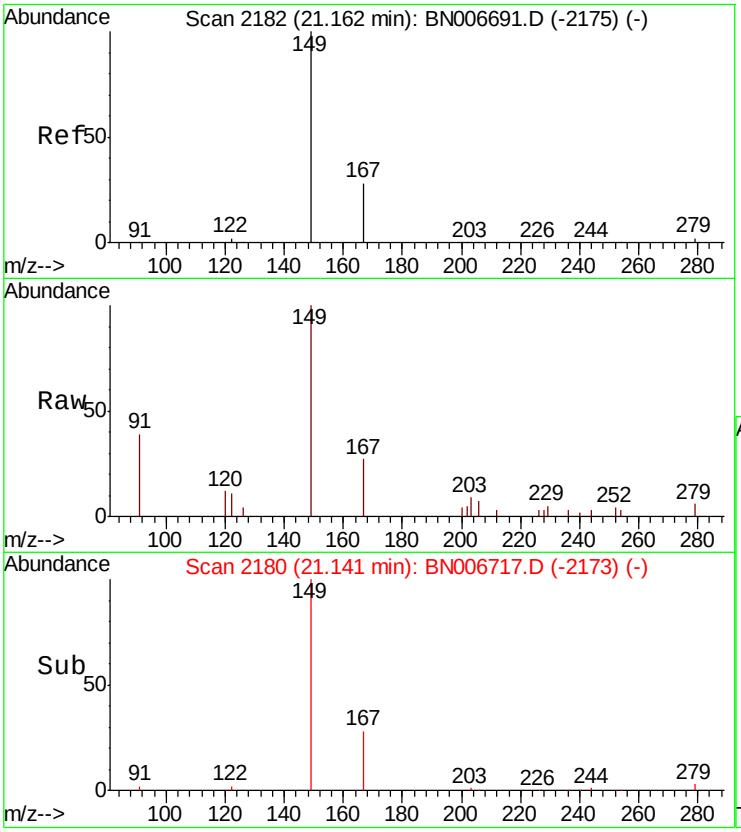


#31
Chrysene
Concen: 0.059 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:228 Resp: 2931

Ion	Ratio	Lower	Upper
228	100		
226	34.5	24.2	36.2
229	29.0	15.8	23.6#



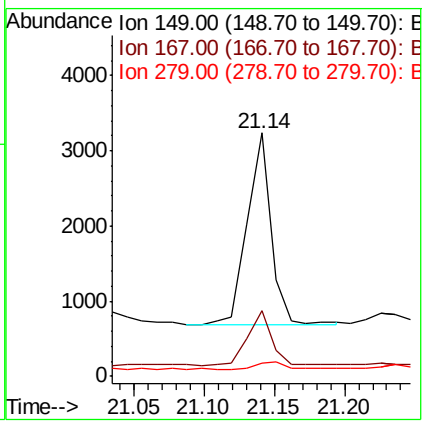


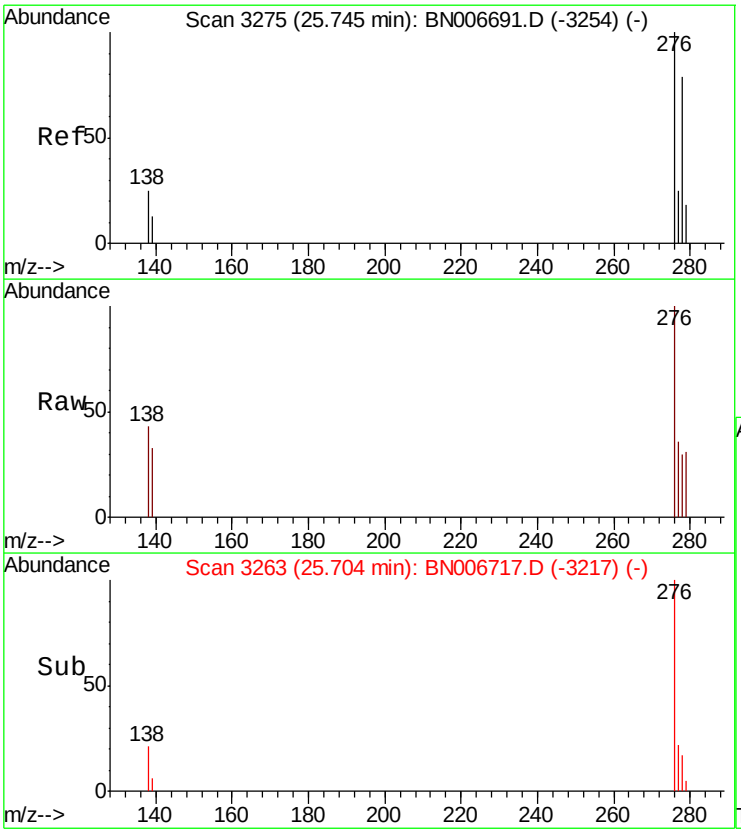
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.021 ng
RT: 21.14 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:149 Resp: 3085

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.9	34.3
279	4.9	3.2	4.8#

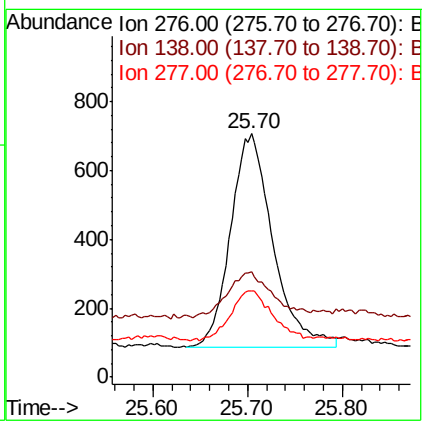


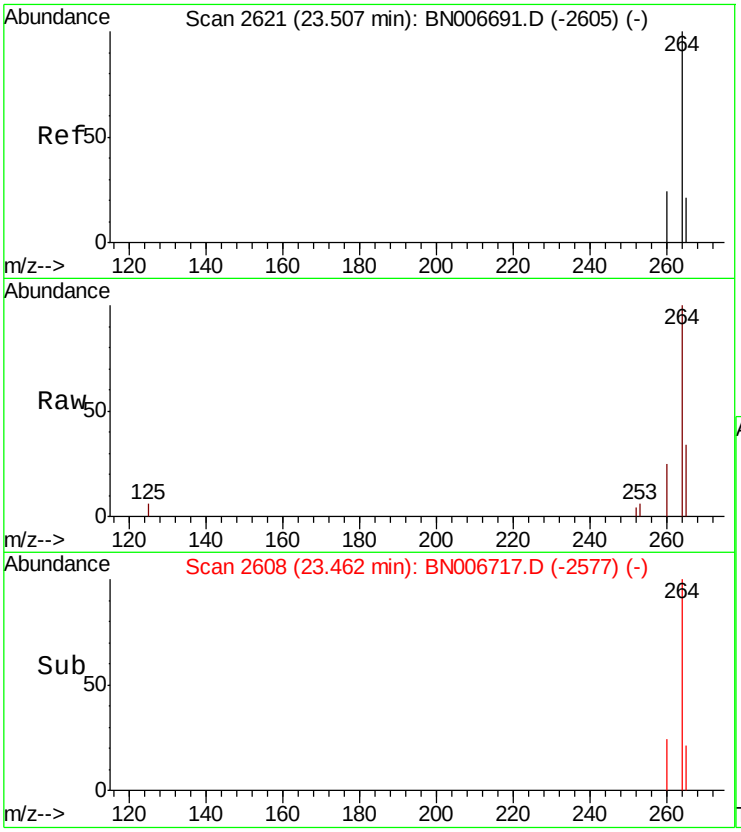


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.032 ng
RT: 25.70 min Scan# 3263
Delta R.T. -0.04 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:276 Resp: 1928

Ion	Ratio	Lower	Upper
276	100		
138	23.4	19.5	29.3
277	23.4	19.7	29.5



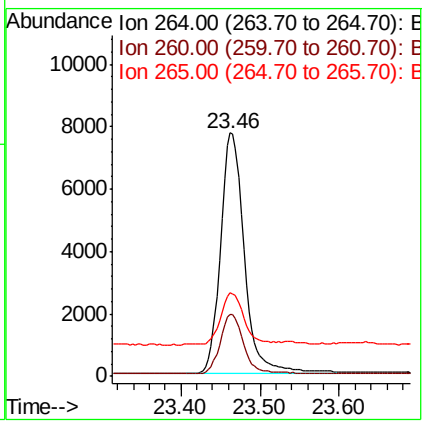


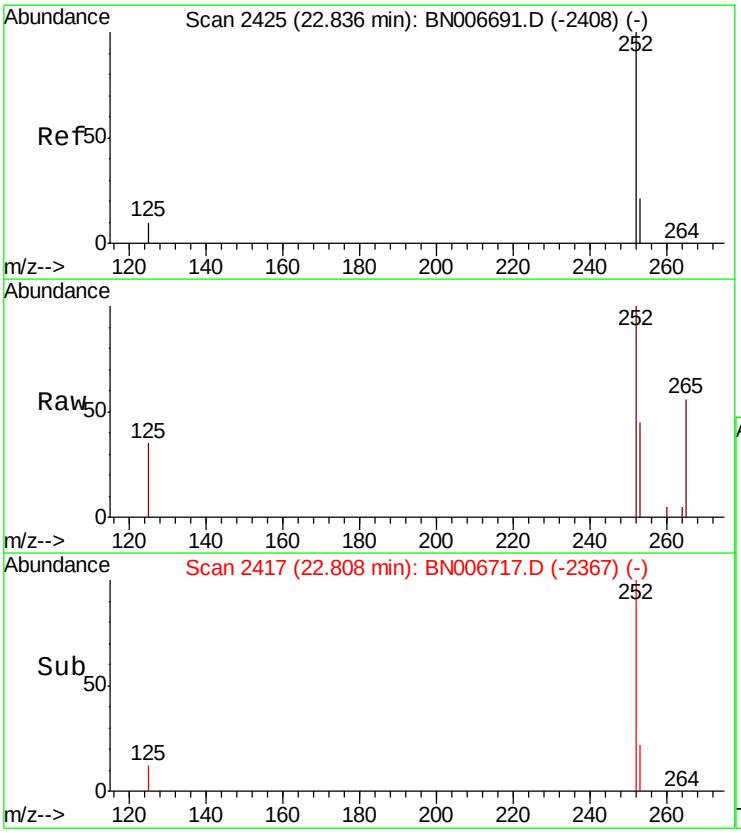
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2608
Delta R.T. -0.04 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:264 Resp: 16182

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	34.1	33.7	50.5

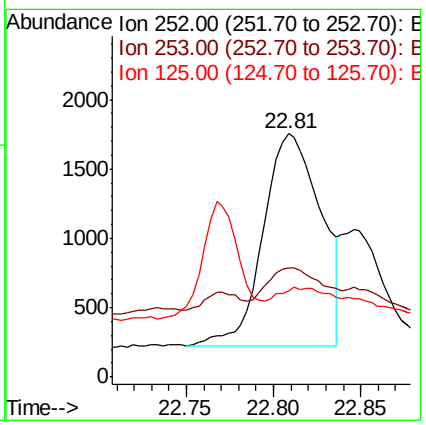


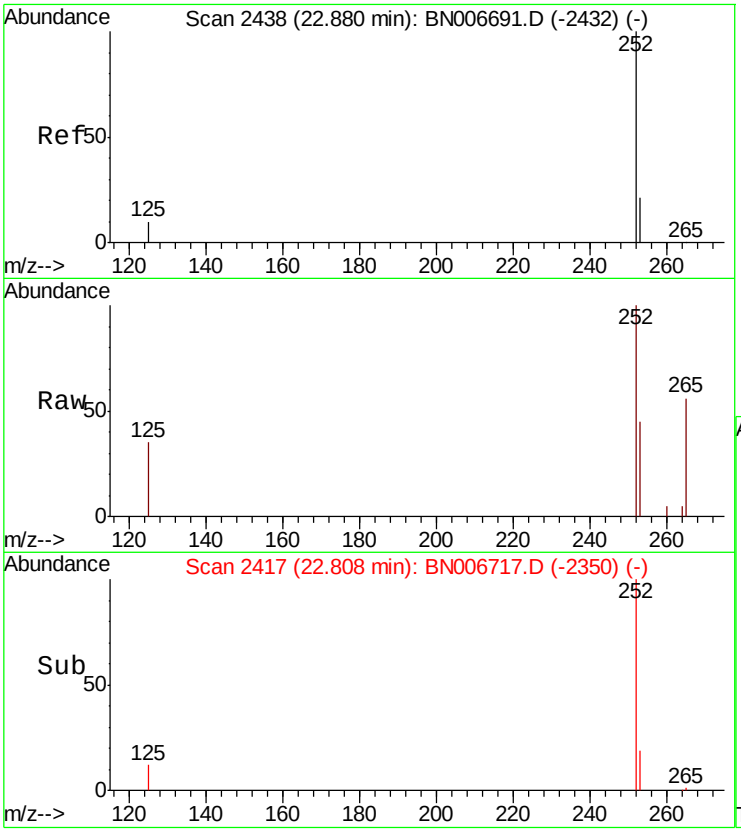


#35
Benzo(b)fluoranthene
Concen: 0.068 ng
RT: 22.81 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:252 Resp: 3527

Ion	Ratio	Lower	Upper
252	100		
253	44.8	20.2	30.2#
125	35.2	11.5	17.3#



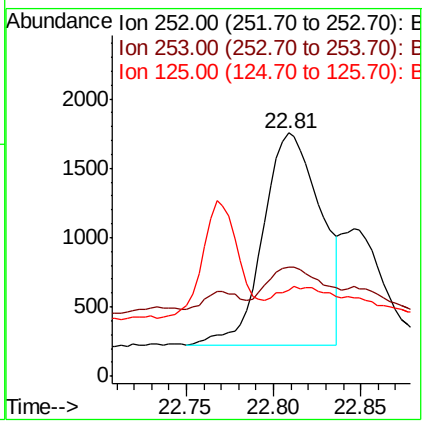


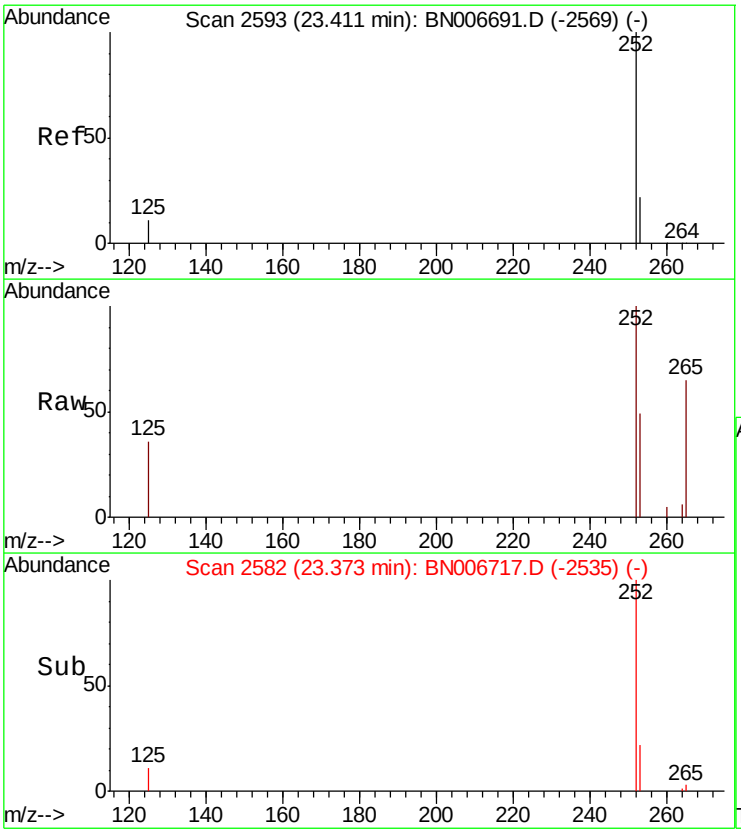
#36
Benzo(k)fluoranthene
Concen: 0.063 ng
RT: 22.81 min Scan# 2417
Delta R.T. -0.07 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:252 Resp: 3527

Ion	Ratio	Lower	Upper
252	100		
253	44.8	20.1	30.1#
125	35.2	11.4	17.0#

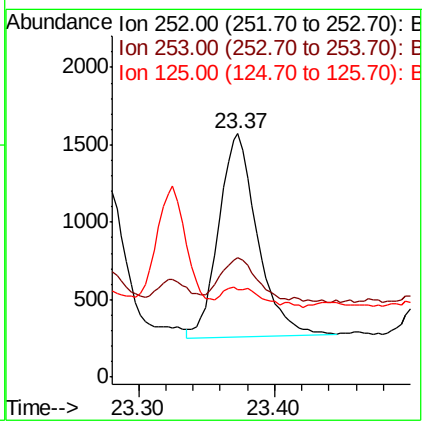


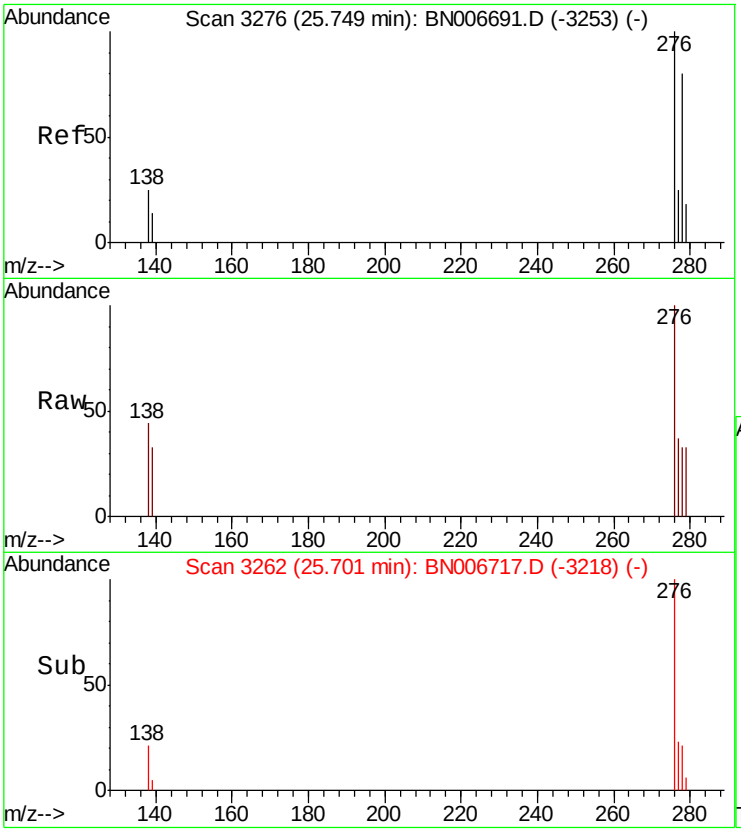


#37
Benzo(a)pyrene
Concen: 0.051 ng
RT: 23.37 min Scan# 2582
Delta R.T. -0.04 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:252 Resp: 2588

Ion	Ratio	Lower	Upper
252	100		
253	49.2	21.4	32.2#
125	36.0	13.3	19.9#



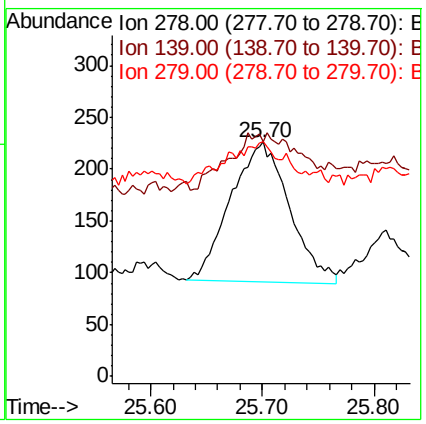


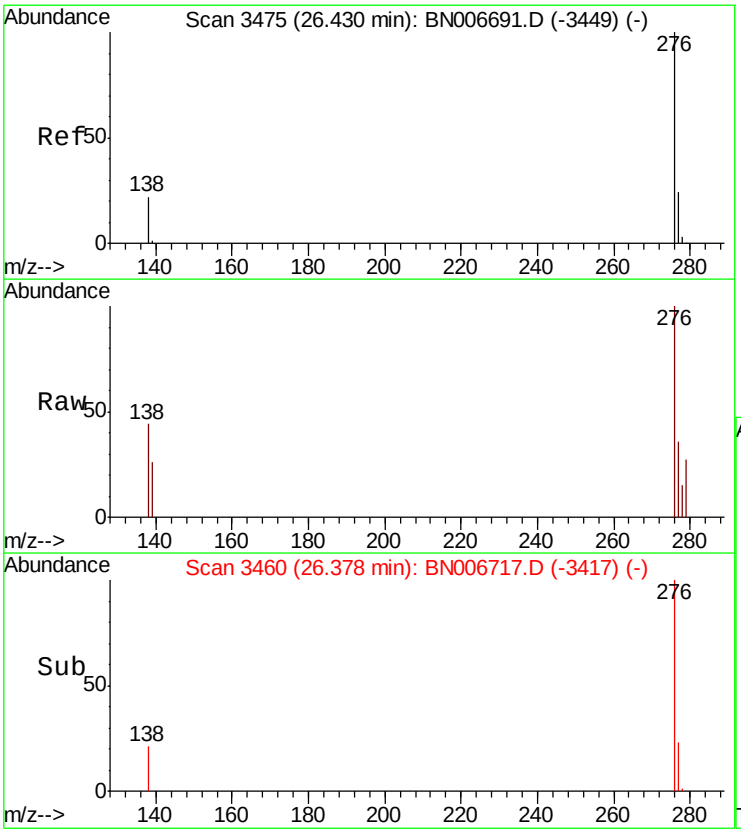
#38
Dibenzo(a,h)anthracene
Concen: 0.010 ng
RT: 25.70 min Scan# 3262
Delta R.T. -0.05 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519

Tgt Ion:278 Resp: 490

Ion	Ratio	Lower	Upper
278	100		
139	100.0	16.2	24.4#
279	100.0	20.7	31.1#





#39
Benzo(g,h,i)perylene
Concen: 0.041 ng
RT: 26.38 min Scan# 3460
Delta R.T. -0.05 min
Lab File: BN006717.D
Acq: 05 Jul 2019 15:58

Tgt Ion:276 Resp: 2115

Ion	Ratio	Lower	Upper
276	100		
277	36.0	20.6	30.8#
138	43.7	19.7	29.5#