Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006723.D
Acq On : 05 Jul 2019 19:26
Operator : HP/JU
Sample : K3558-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-016-B237-062619

Quant Time: Jul 05 22:52:30 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	2870	0.40	ng		-0.02
7) Naphthalene-d8	10.36	136	10949	0.40	ng		-0.03
13) Acenaphthene-d10	14.24	164	6924	0.40	ng		-0.02
19) Phenanthrene-d10	17.00	188	16133	0.40	ng		-0.02
27) Chrysene-d12	21.23	240	16027	0.40	ng		-0.03
34) Perylene-d12	23.44	264	17987	0.40	ng		-0.07
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	1686	0.22	ng		0.00
5) Phenol-d6	6.80	99	2333	0.24	ng		-0.03
8) Nitrobenzene-d5	8.79	82	1332	0.16	ng		0.00
11) 2-Methylnaphthalene-d10	11.98	152	3486	0.21	ng		-0.02
14) 2,4,6-Tribromophenol	15.77	330	647	0.19	ng		-0.02
15) 2-Fluorobiphenyl	12.86	172	4903	0.18	ng		-0.02
25) Fluoranthene-d10	19.05	212	8323	0.18	ng		-0.03
29) Terphenyl-d14	19.65	244	5828	0.16	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.44	42	107	0.032	ng	#	1
6) bis(2-Chloroethyl)ether	7.04	93	22	0.003	ng	#	47
9) Naphthalene	10.42	128	2827	0.094	ng	#	88
10) Hexachlorobutadiene	10.69	225	2	0.000	ng	#	18
12) 2-Methylnaphthalene	12.05	142	1831	0.047	ng	#	91
16) Acenaphthylene	13.96	152	6216	0.180	ng		98
17) Acenaphthene	14.31	154	1951	0.089	ng		94
18) Fluorene	15.30	166	3827	0.140	ng	#	93
20) 4-Bromophenyl-phenylether	16.21	248	1	0.000	ng	#	17
21) Hexachlorobenzene	16.33	284	6	0.001	ng	#	38
22) Pentachlorophenol	16.75	266	17	0.122	ng	#	77
23) Phenanthrene	17.05	178	117985	2.537	ng		100
24) Anthracene	17.14	178	12694	0.302	ng	#	95
26) Fluoranthene	19.08	202	115837	2.122	ng		99
28) Pyrene	19.44	202	181208	2.825	ng		97
30) Benzo(a)anthracene	21.20	228	69570	1.259	ng		98
31) Chrysene	21.26	228	86179	1.513	ng		98
32) Bis(2-ethylhexyl)phthalate	21.13	149	3599	0.022	ng		96
33) Indeno(1,2,3-cd)pyrene	25.67	276	34454	0.506	ng		94
35) Benzo(b)fluoranthene	22.78	252	72958	1.264	ng	#	96
36) Benzo(k)fluoranthene	22.78	252	72958	1.165	ng		96
37) Benzo(a)pyrene	23.25	252	46973	0.840	ng		95
38) Dibenzo(a,h)anthracene	25.67	278	10754	0.194	ng	#	88
39) Benzo(g,h,i)perylene	26.34	276	40410	0.707	ng		96

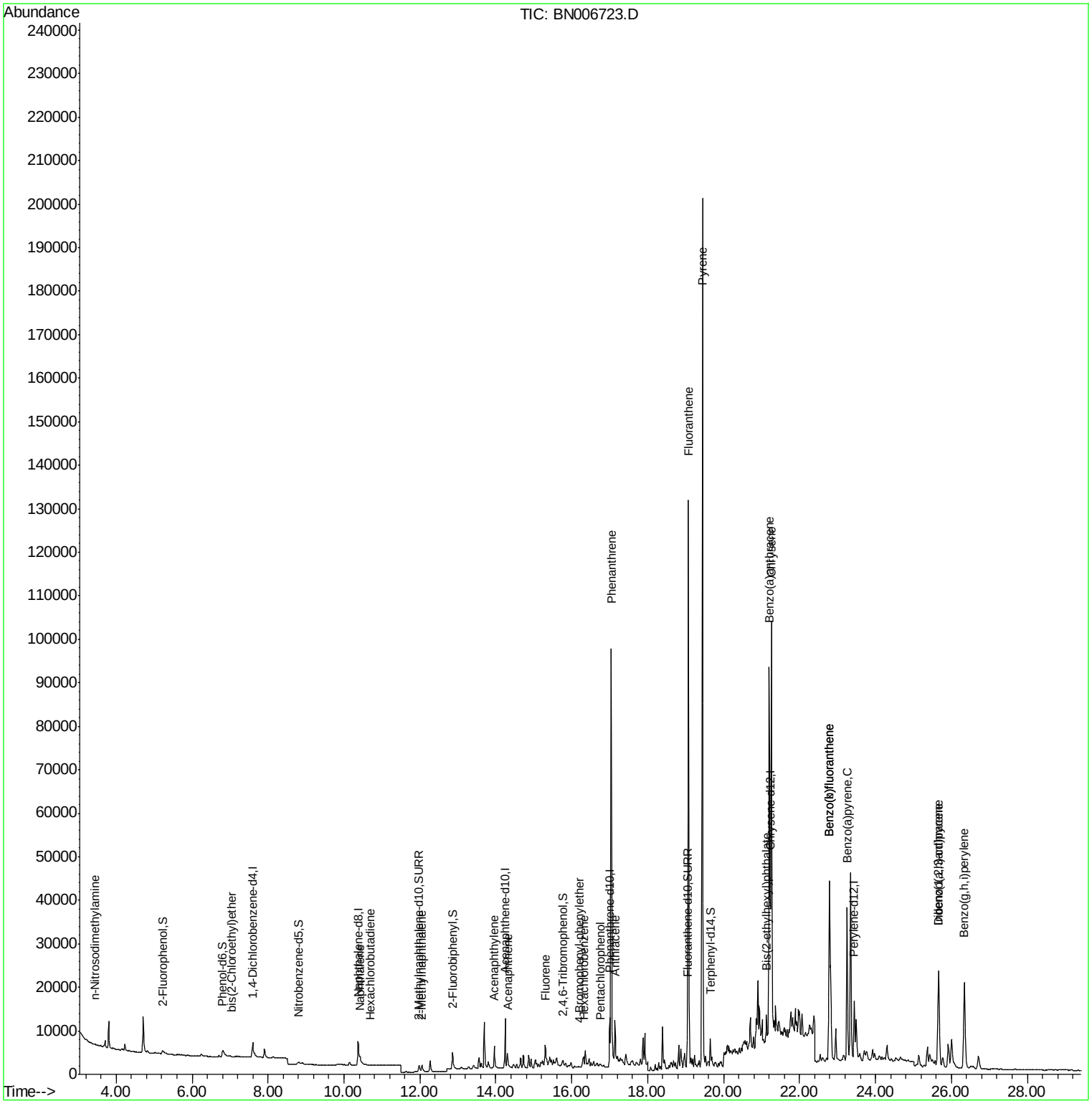
(#) = qualifier out of range (m) = manual integration (+) = signals summed

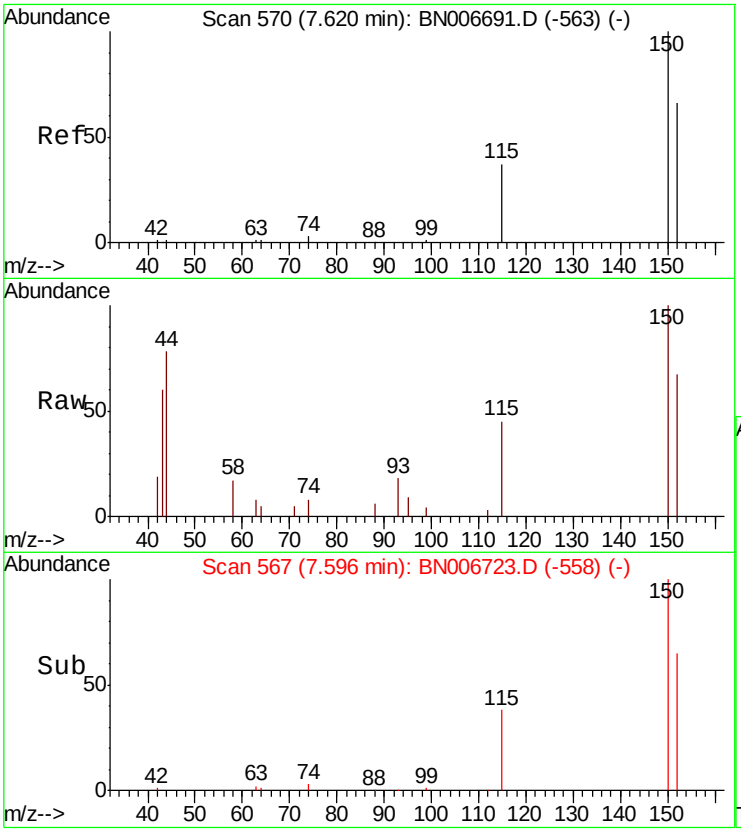
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006723.D
Acq On : 05 Jul 2019 19:26
Operator : HP/JU
Sample : K3558-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Quant Time: Jul 05 22:52:30 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



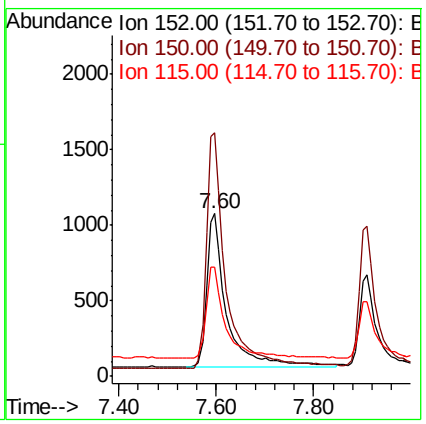


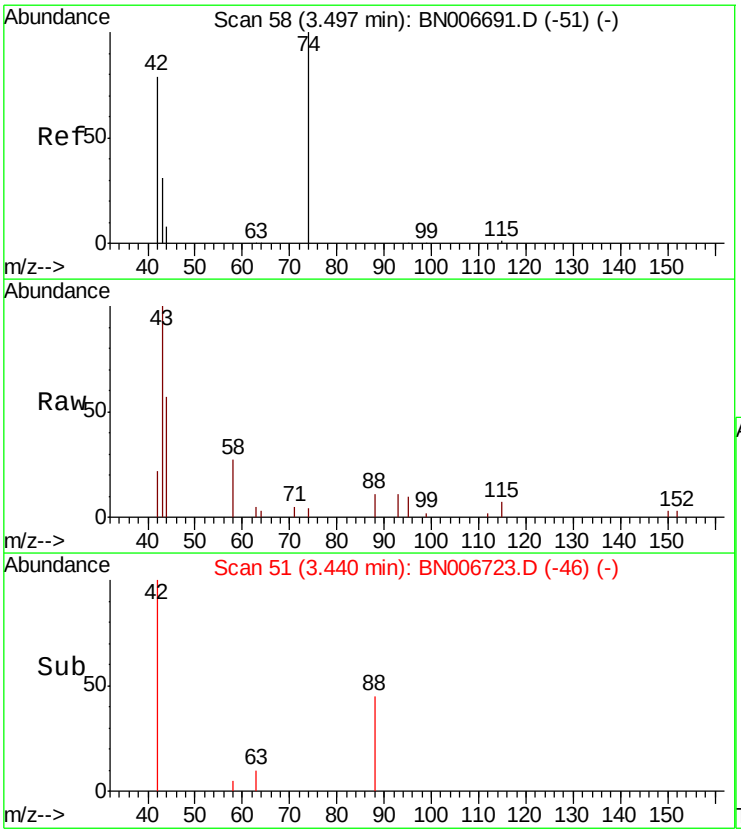
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:152 Resp: 2870

Ion	Ratio	Lower	Upper
152	100		
150	149.6	120.6	181.0
115	67.0	51.0	76.6

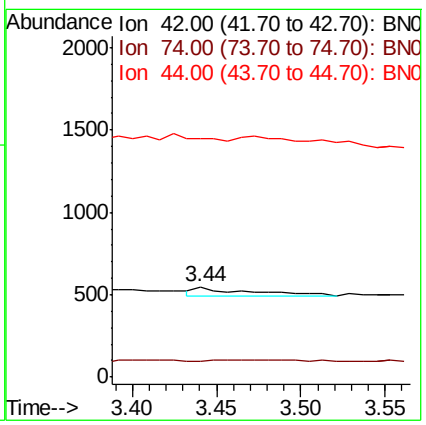


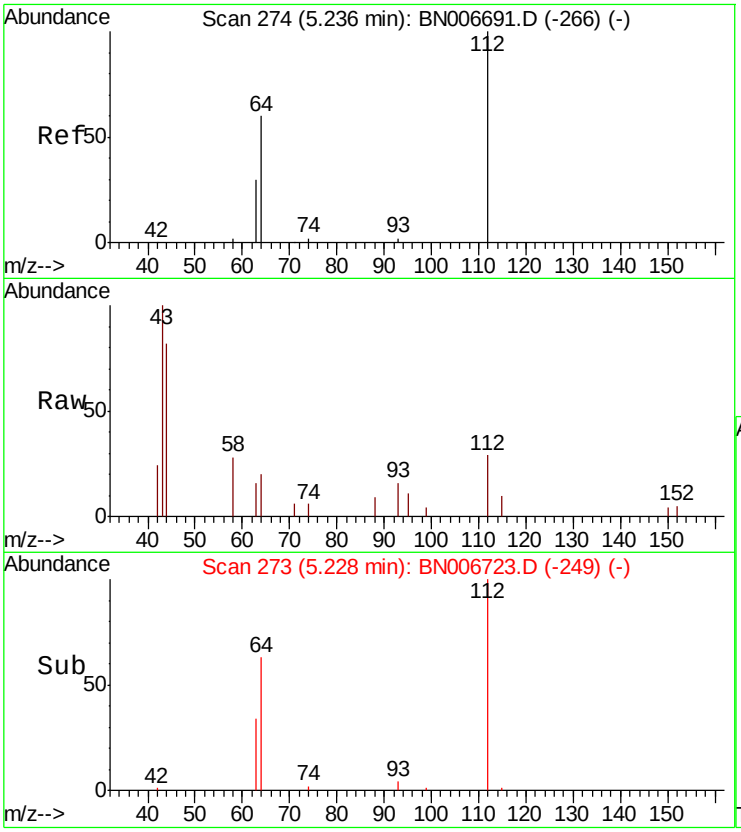


#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.44 min Scan# 51
Delta R.T. -0.06 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion: 42 Resp: 107

Ion	Ratio	Lower	Upper
42	100		
74	10.3	106.6	160.0#
44	0.0	8.0	12.0#



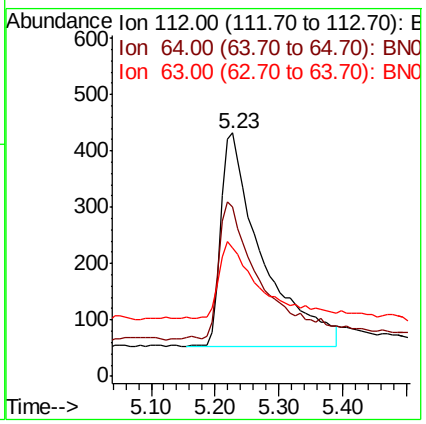


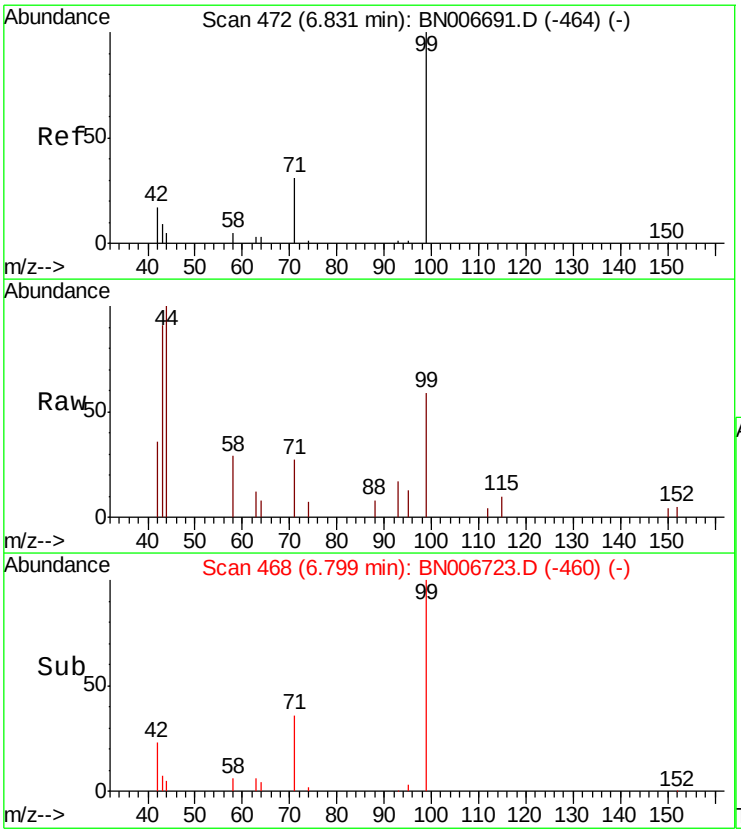
#4
2-Fluorophenol
Concen: 0.216 ng
RT: 5.23 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:112 Resp: 1686

Ion	Ratio	Lower	Upper
112	100		
64	63.6	49.8	74.6
63	34.5	25.8	38.6

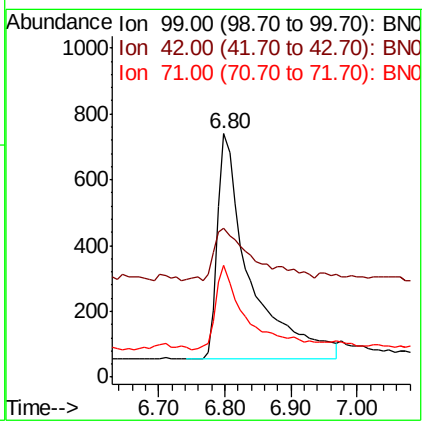


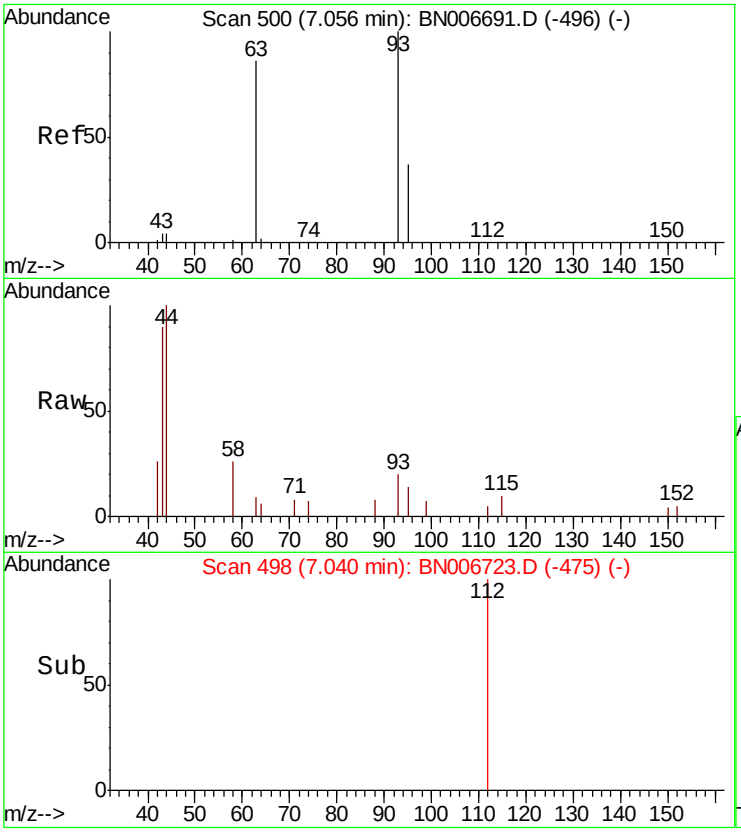


#5
Phenol-d6
Concen: 0.236 ng
RT: 6.80 min Scan# 468
Delta R.T. -0.03 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion: 99 Resp: 2333

Ion	Ratio	Lower	Upper
99	100		
42	29.0	16.6	25.0#
71	35.5	26.0	39.0



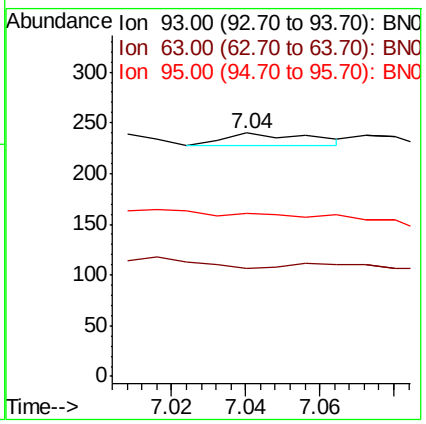


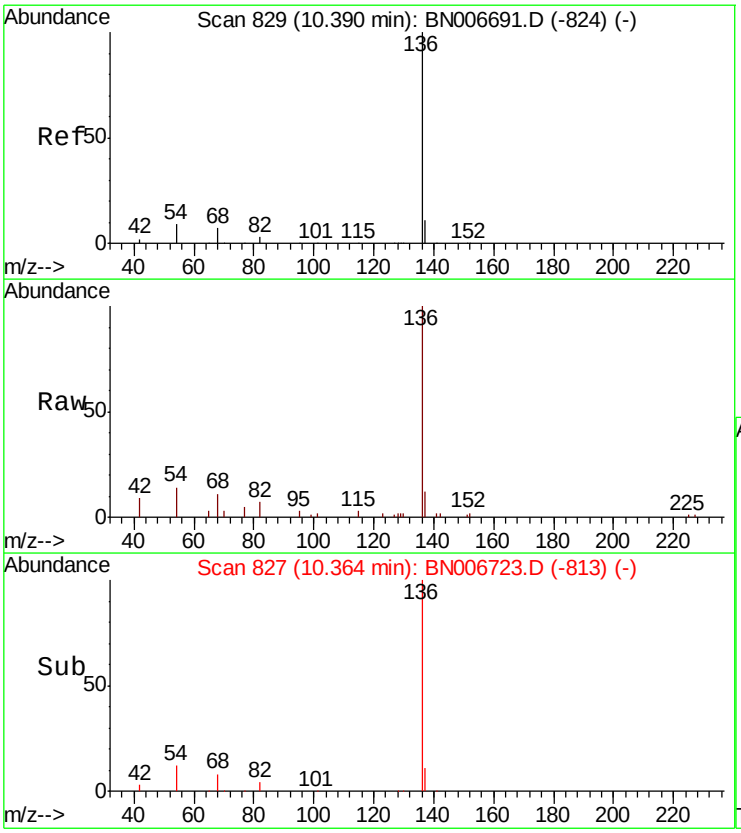
#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 7.04 min Scan# 498
Delta R.T. -0.02 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion: 93 Resp: 22

Ion	Ratio	Lower	Upper
93	100		
63	31.8	58.6	87.8#
95	0.0	28.3	42.5#

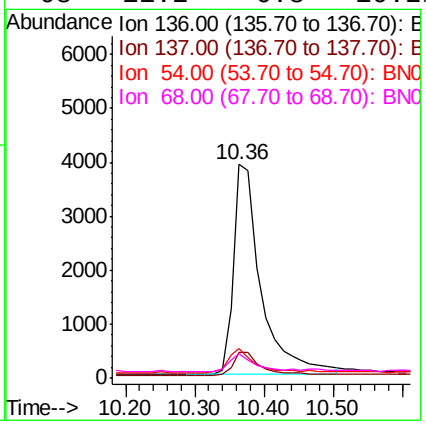


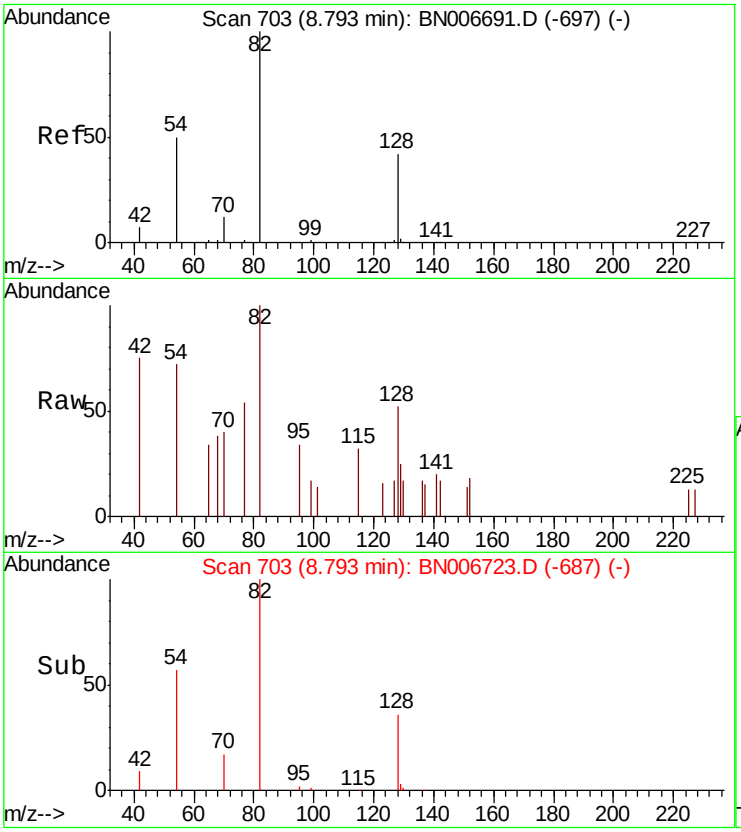


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. -0.03 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:136 Resp: 10949

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.3	13.9
54	14.0	8.4	12.6#
68	11.2	6.8	10.2#



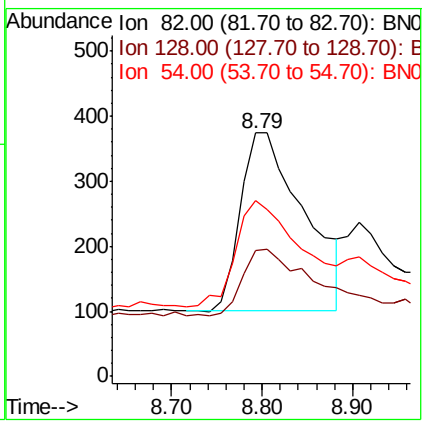


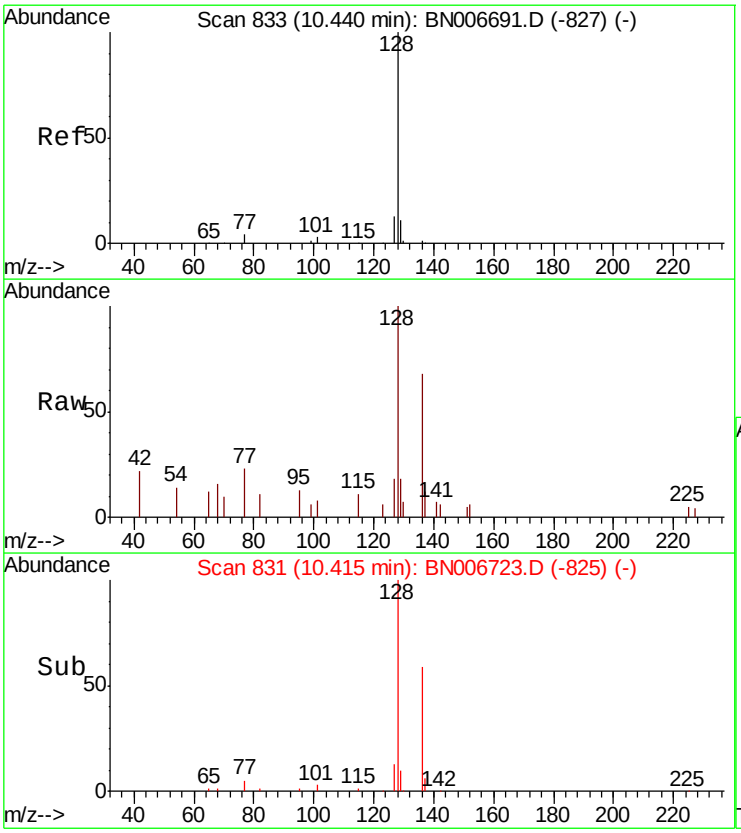
#8
Nitrobenzene-d5
Concen: 0.159 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion: 82 Resp: 1332

Ion	Ratio	Lower	Upper
82	100		
128	51.6	36.1	54.1
54	72.2	44.5	66.7#

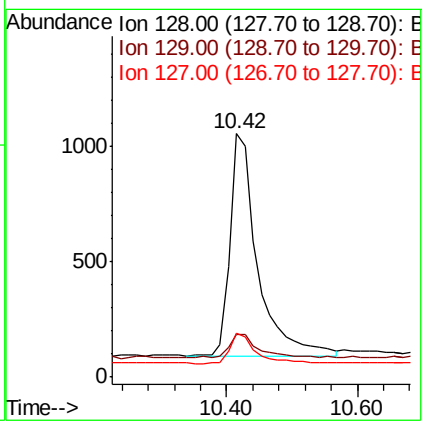


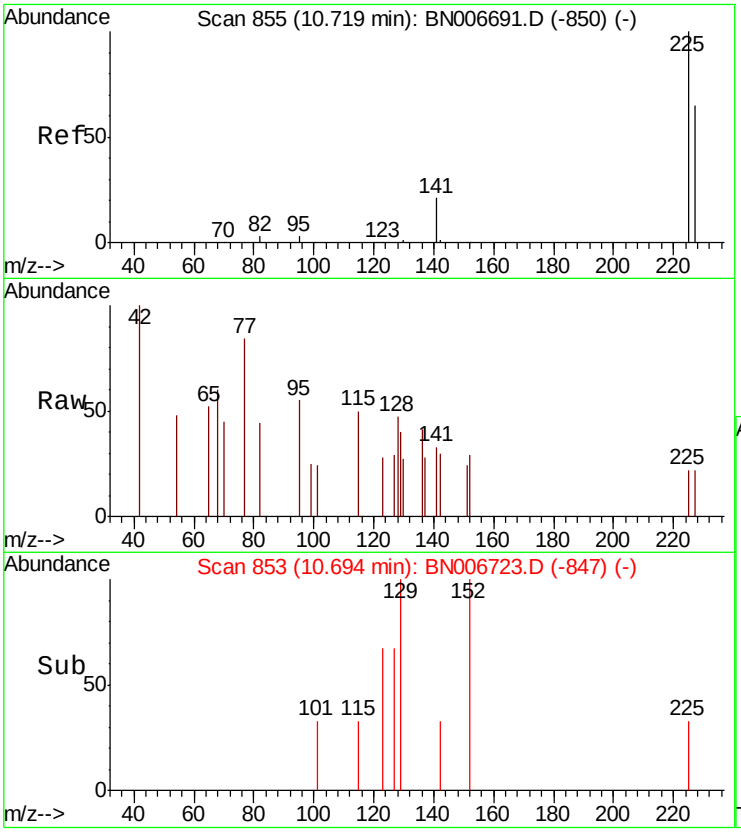


#9
Naphthalene
Concen: 0.094 ng
RT: 10.42 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:128 Resp: 2827

Ion	Ratio	Lower	Upper
128	100		
129	17.7	9.6	14.4#
127	17.8	11.0	16.4#



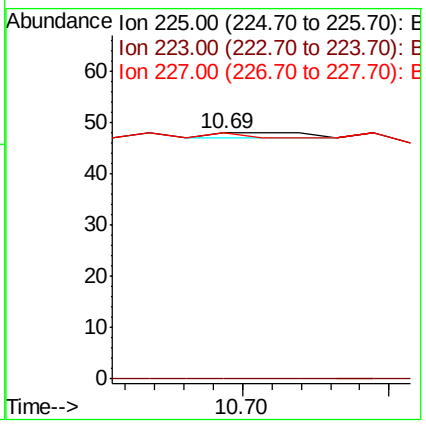


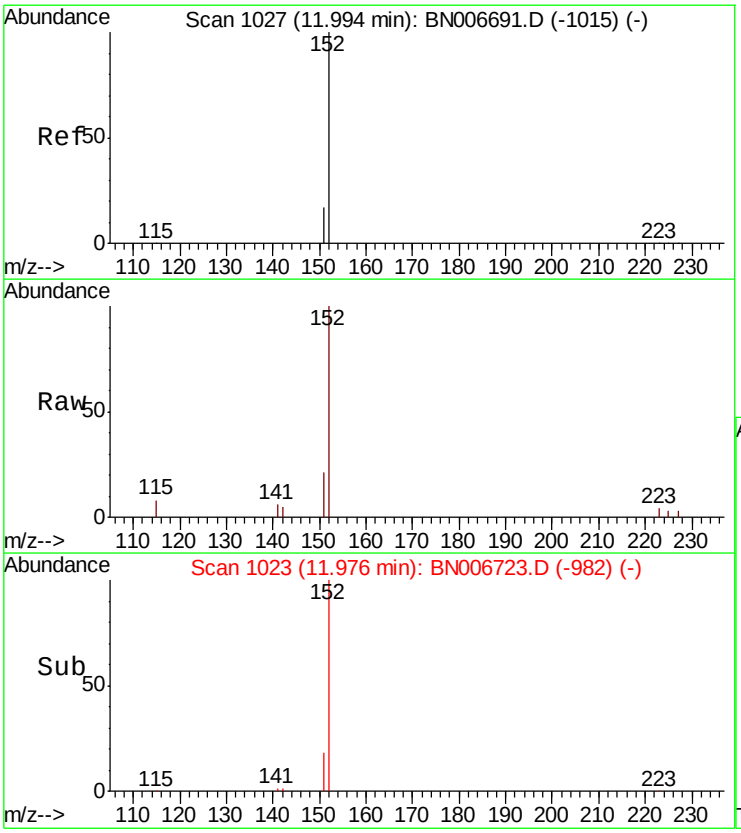
#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:225 Resp: 2

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

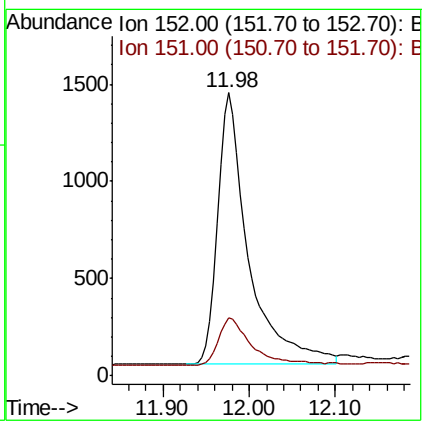


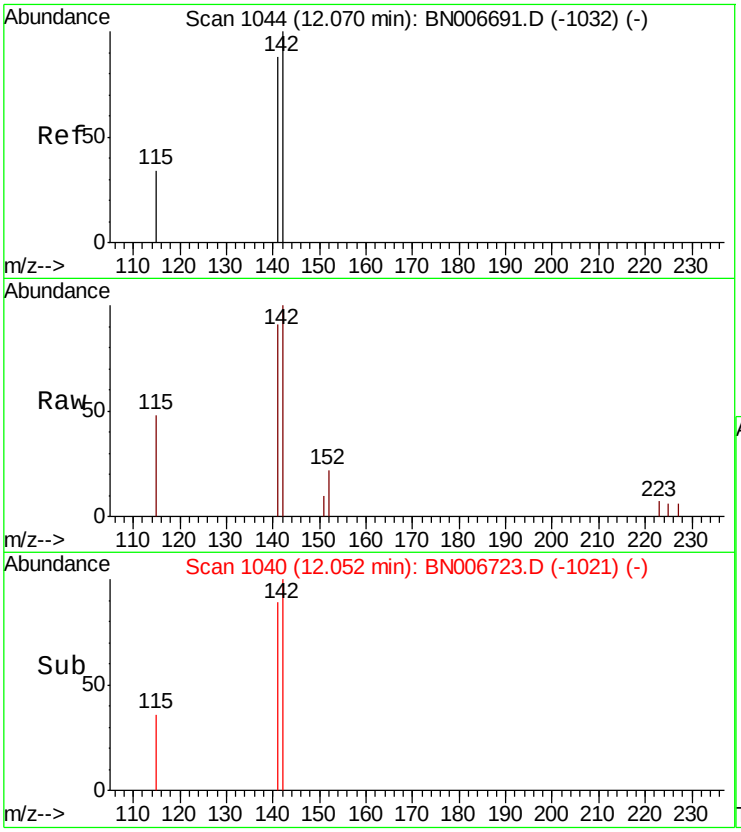


#11
2-Methylnaphthalene-d10
Concen: 0.212 ng
RT: 11.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:152 Resp: 3486

Ion	Ratio	Lower	Upper
152	100		
151	19.0	14.9	22.3



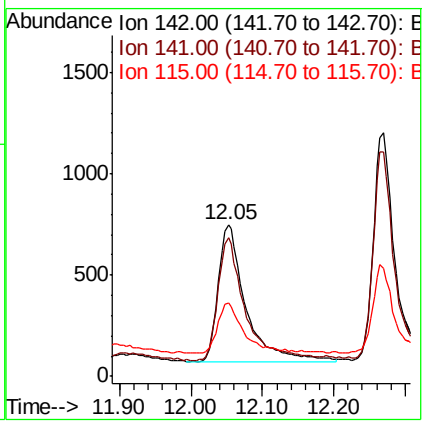


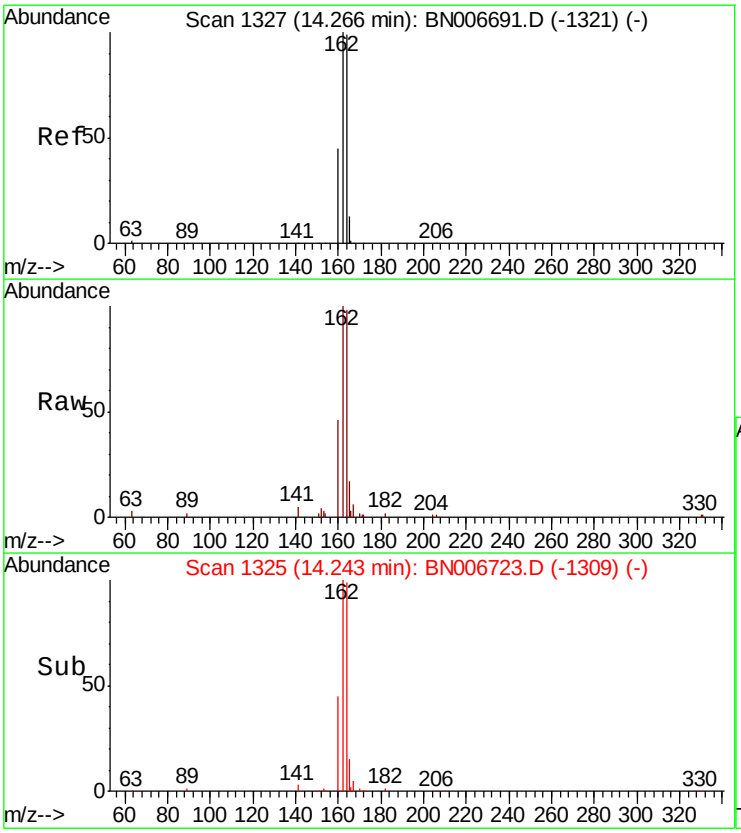
#12
2-Methylnaphthalene
Concen: 0.047 ng
RT: 12.05 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:142 Resp: 1831

Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.3	105.5
115	48.1	28.9	43.3#

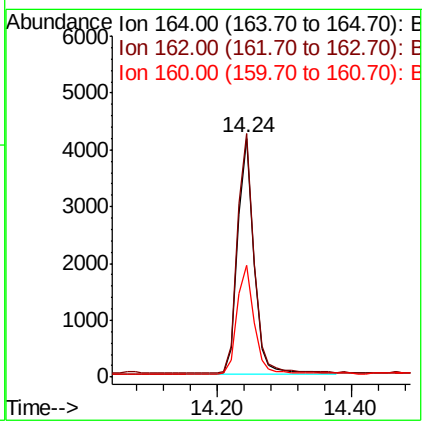


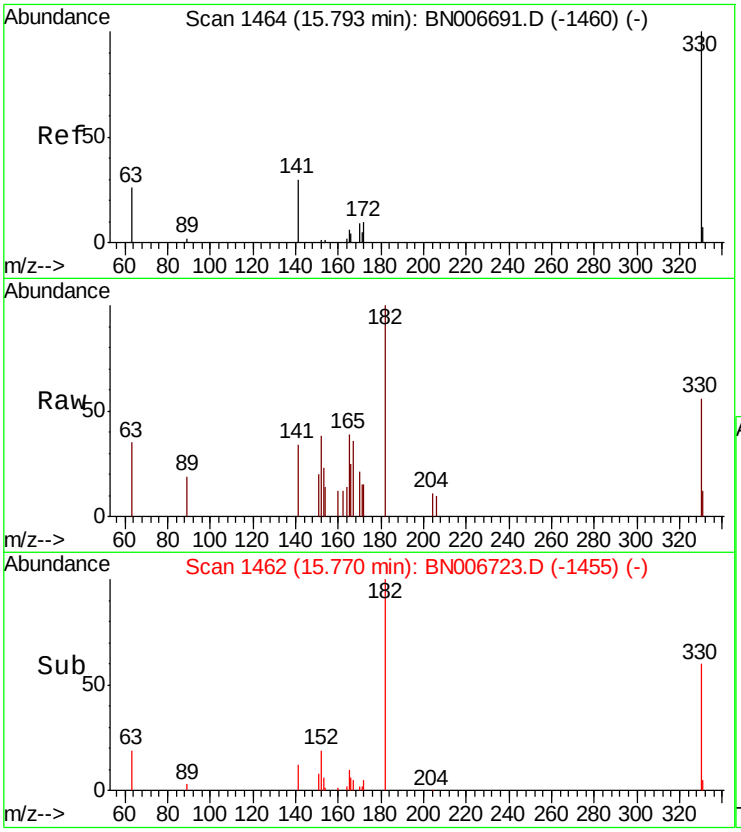


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:164 Resp: 6924

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.8	121.2
160	46.5	37.0	55.6



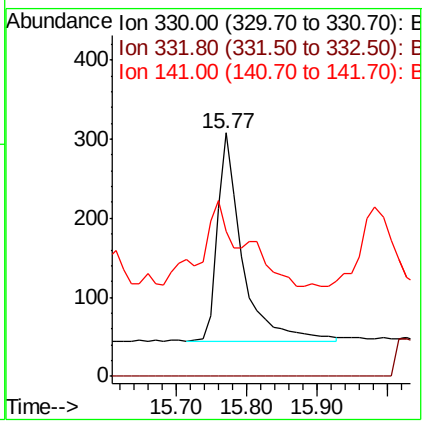


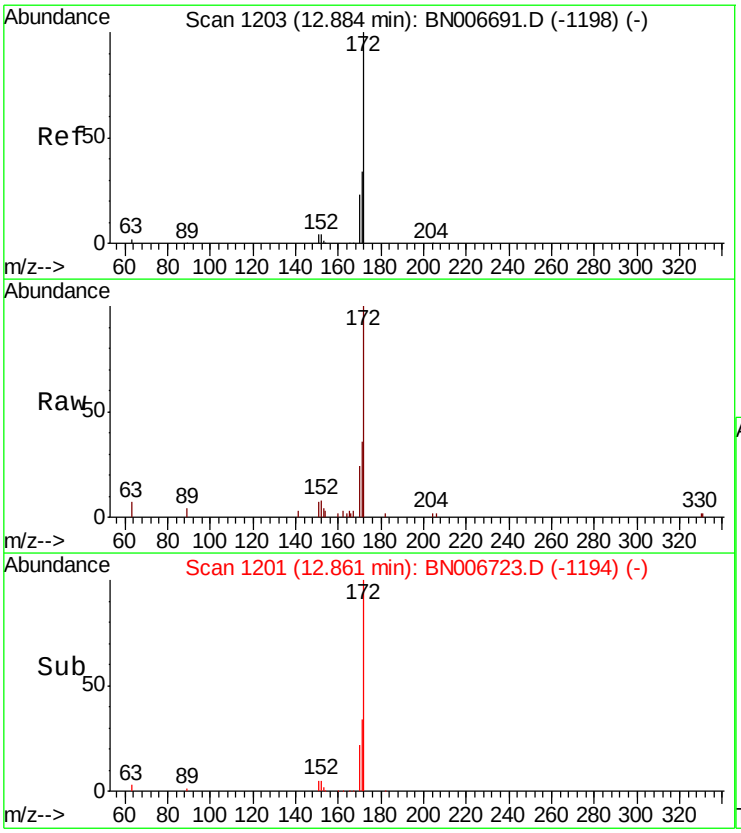
#14
2,4,6-Tribromophenol
Concen: 0.190 ng
RT: 15.77 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:330 Resp: 647

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.5	24.8	37.2

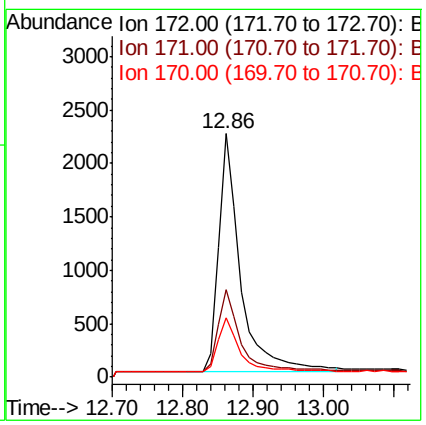


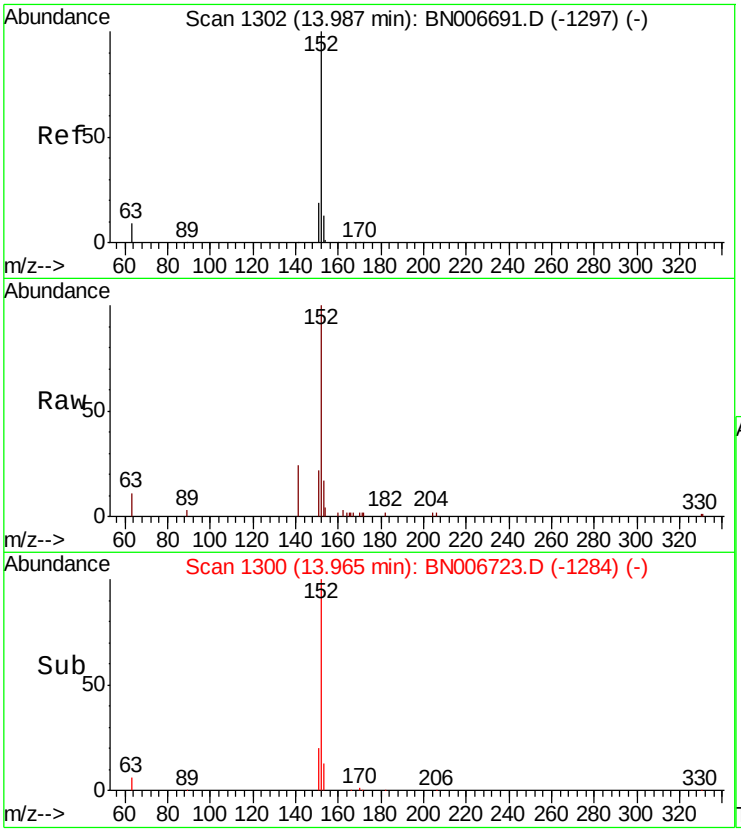


#15
2-Fluorobiphenyl
Concen: 0.181 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:172 Resp: 4903

Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.8	41.6
170	24.3	18.9	28.3



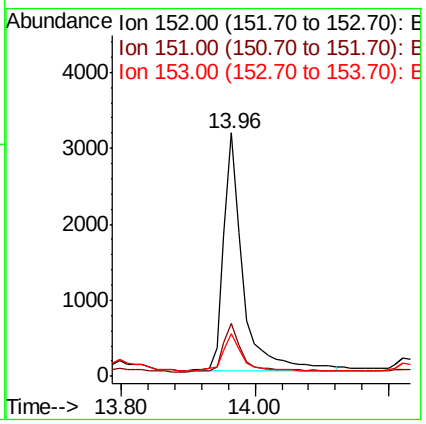


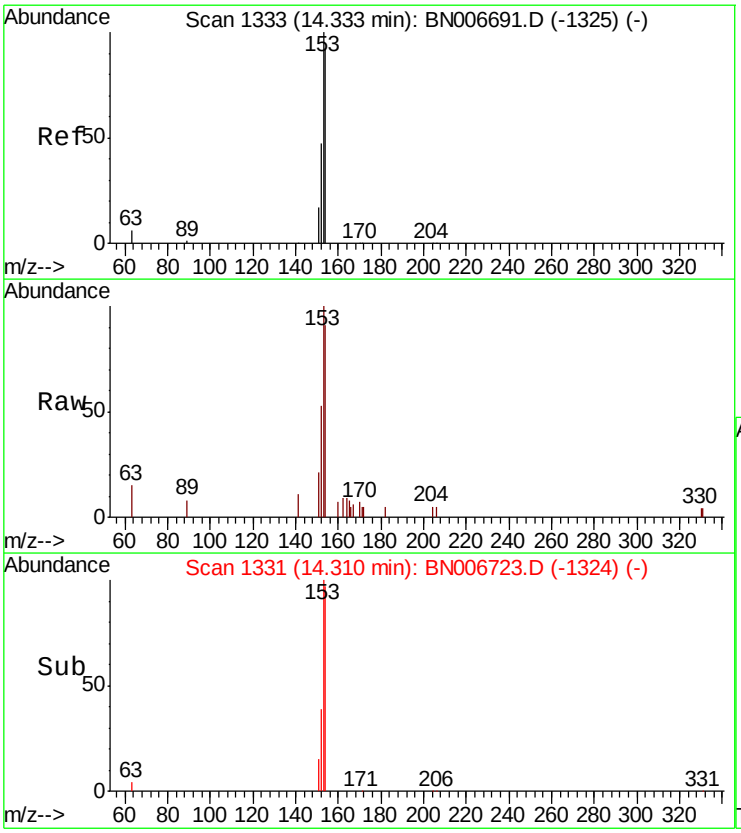
#16
Acenaphthylene
Concen: 0.180 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:152 Resp: 6216

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	14.7	10.6	15.8

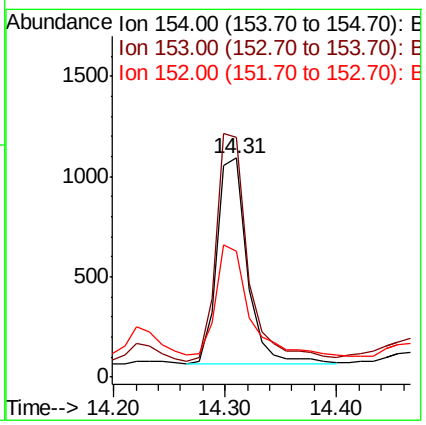


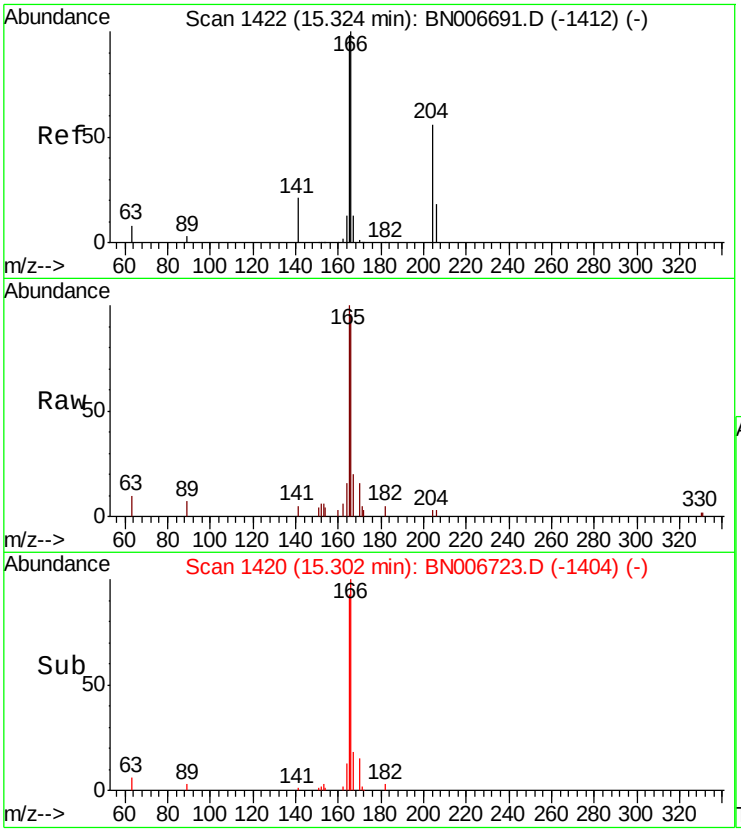


#17
Acenaphthene
Concen: 0.089 ng
RT: 14.31 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:154 Resp: 1951

Ion	Ratio	Lower	Upper
154	100		
153	116.0	88.9	133.3
152	59.5	42.8	64.2



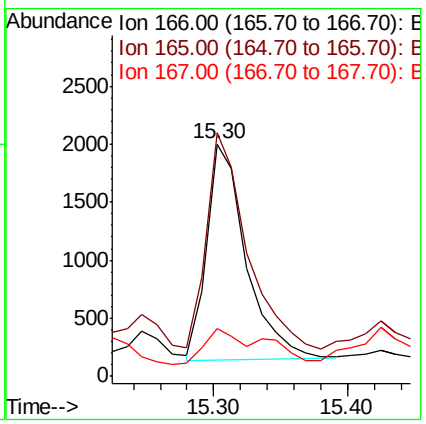


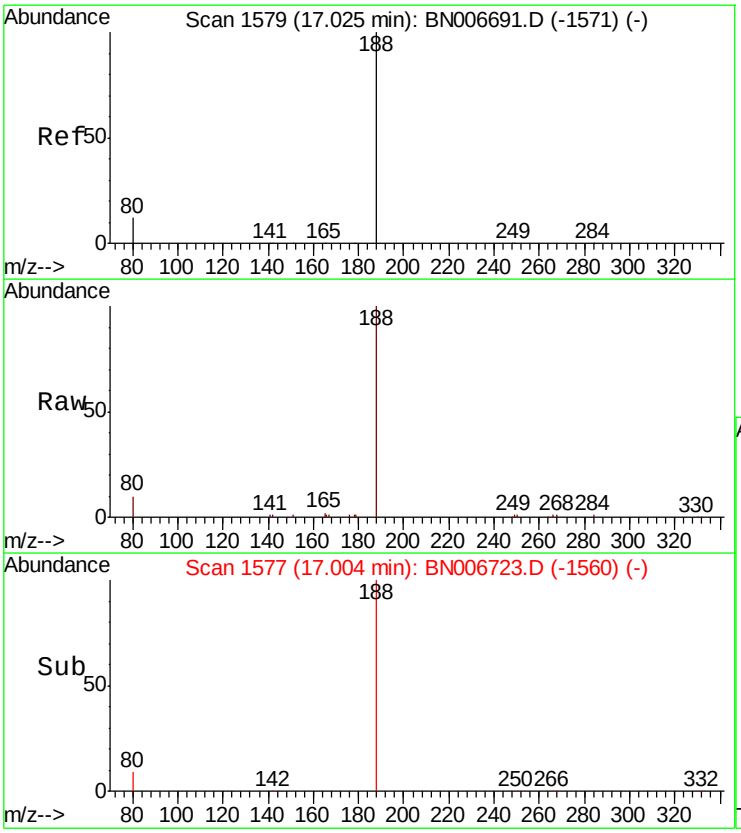
#18
Fluorene
Concen: 0.140 ng
RT: 15.30 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:166 Resp: 3827

Ion	Ratio	Lower	Upper
166	100		
165	101.0	78.0	117.0
167	25.3	10.7	16.1#

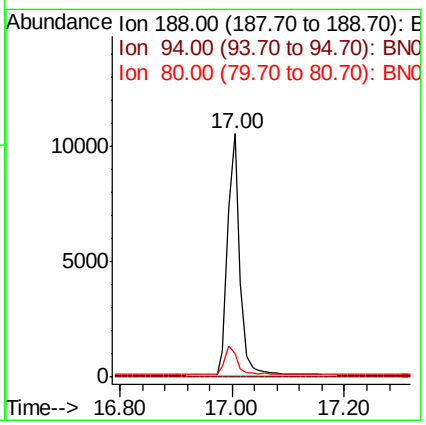


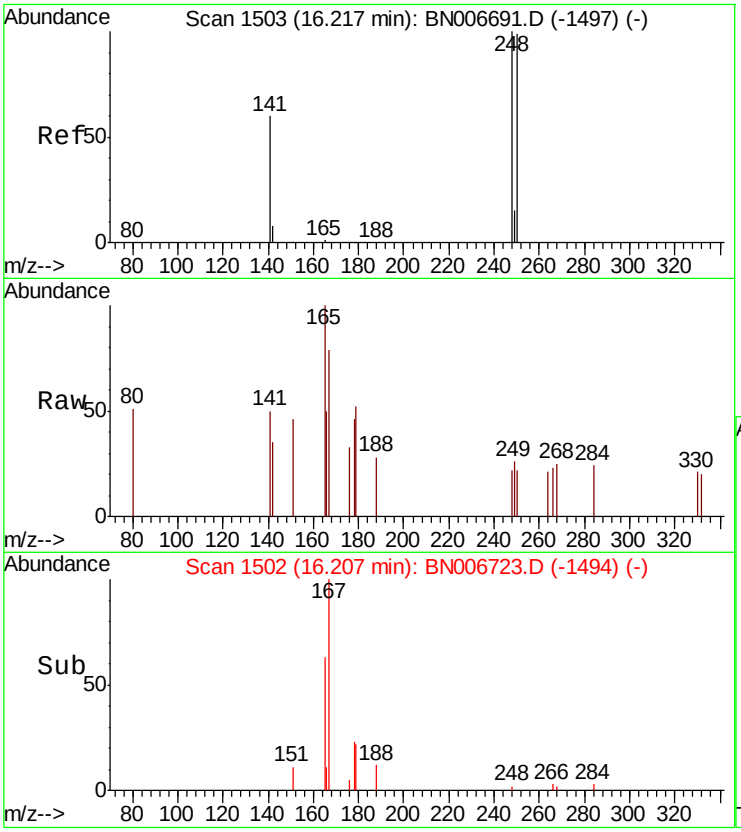


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:188 Resp: 16133

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	10.3	15.5#



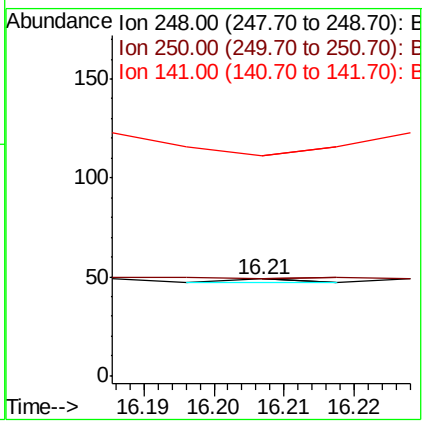


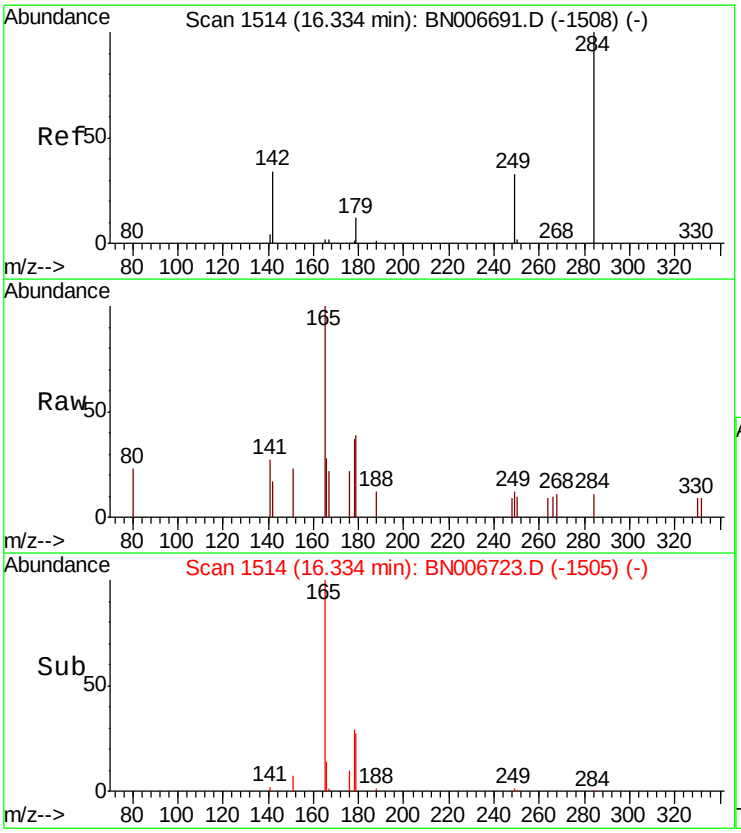
#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.21 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:248 Resp: 1

Ion	Ratio	Lower	Upper
248	100		
250	100.0	79.0	118.6
141	226.5	50.2	75.4#

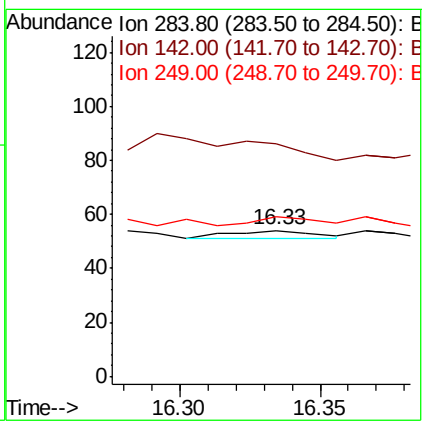


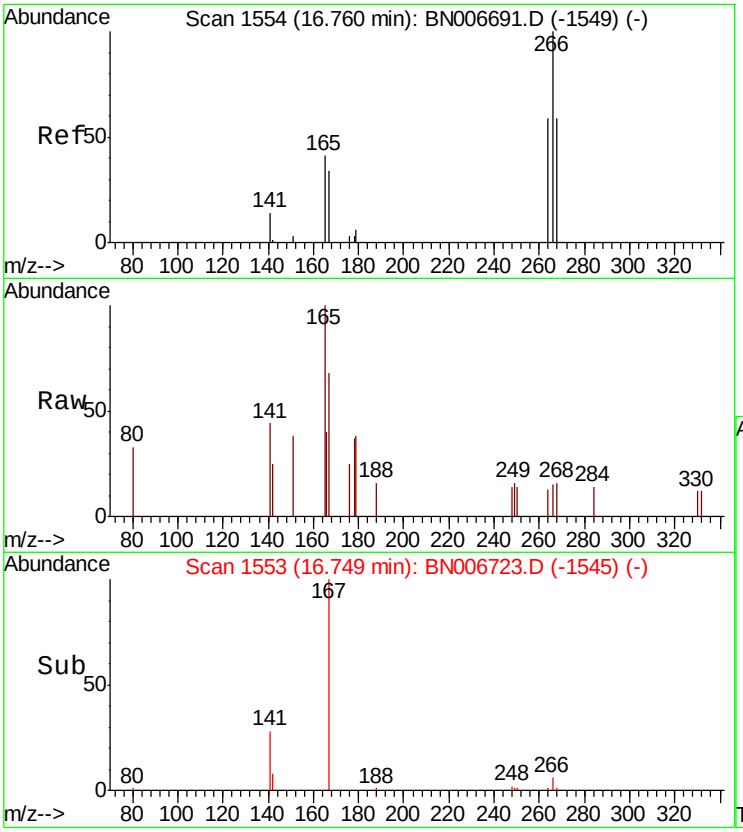


#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.33 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:284 Resp: 6

Ion	Ratio	Lower	Upper
284	100		
142	0.0	26.9	40.3#
249	66.7	24.4	36.6#



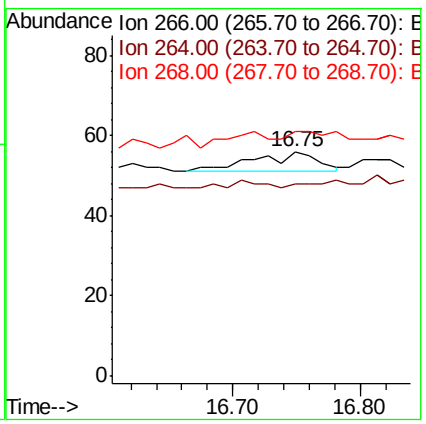


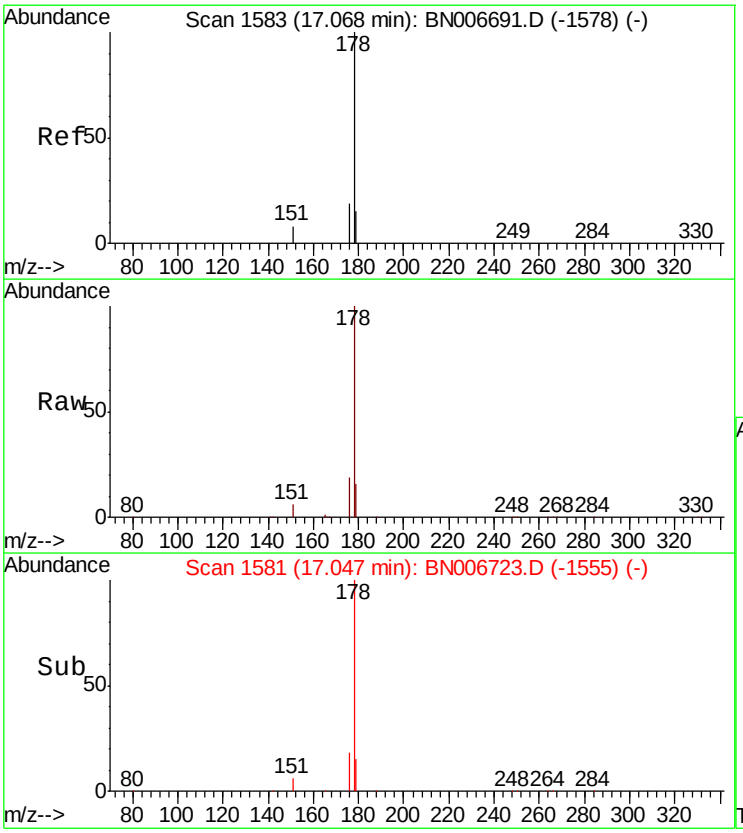
#22
Pentachlorophenol
Concen: 0.122 ng
RT: 16.75 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:266 Resp: 17

Ion	Ratio	Lower	Upper
266	100		
264	85.7	57.6	86.4
268	108.9	66.6	99.8#

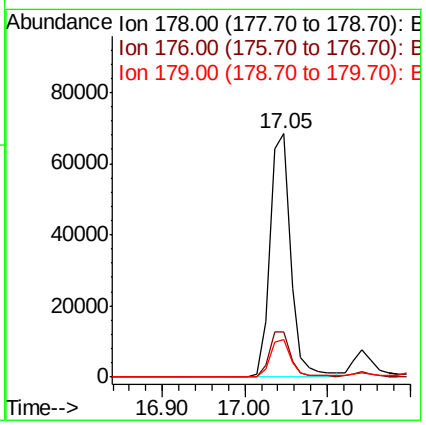


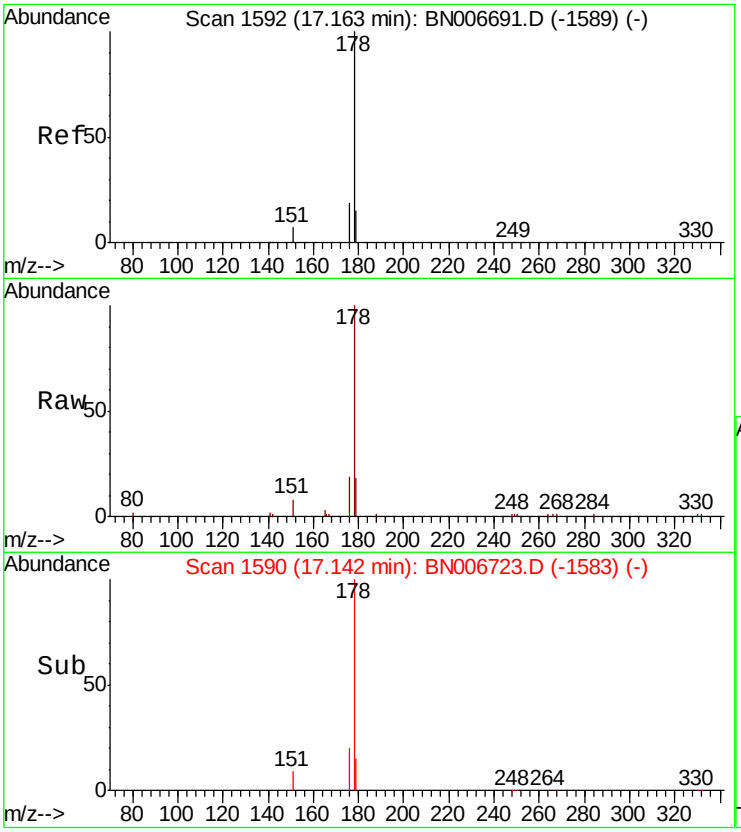


#23
Phenanthrene
Concen: 2.537 ng
RT: 17.05 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:178 Resp: 117985

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.3	12.4	18.6



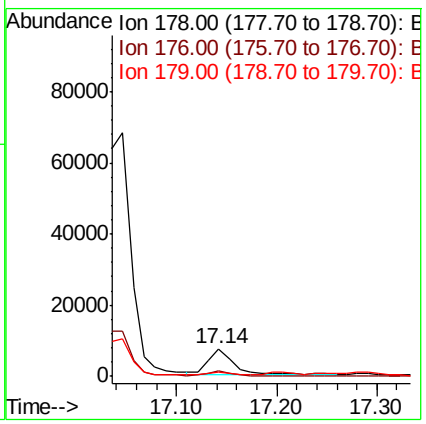


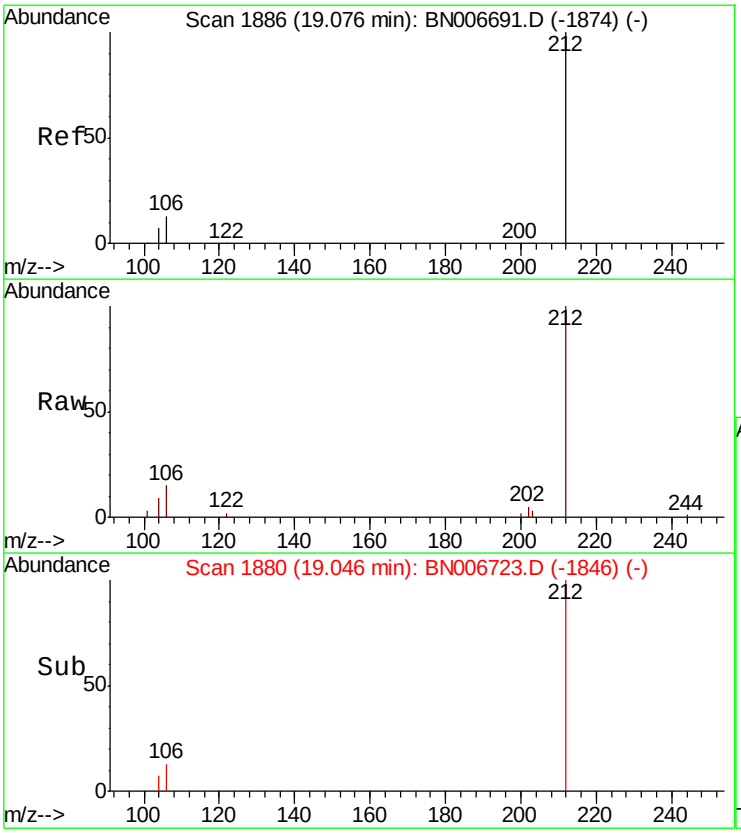
#24
Anthracene
Concen: 0.302 ng
RT: 17.14 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:178 Resp: 12694

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.8	22.2
179	11.2	11.9	17.9#

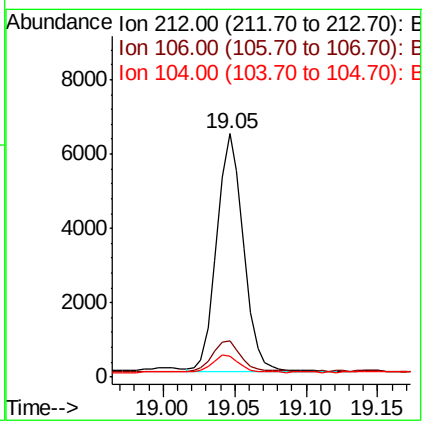


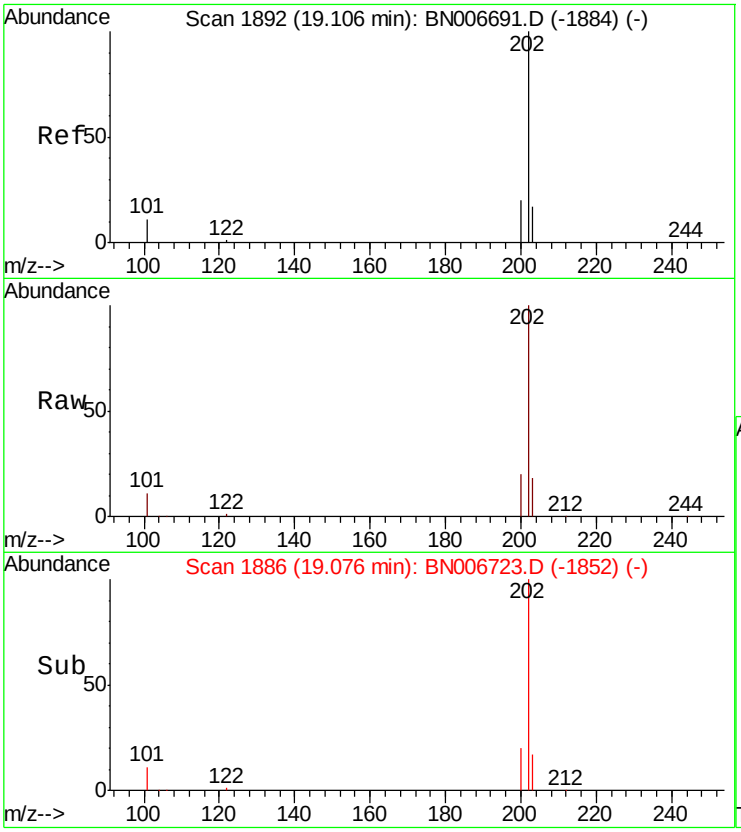


#25
Fluoranthene-d10
Concen: 0.180 ng
RT: 19.05 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:212 Resp: 8323

Ion	Ratio	Lower	Upper
212	100		
106	13.8	11.0	16.6
104	7.5	6.1	9.1



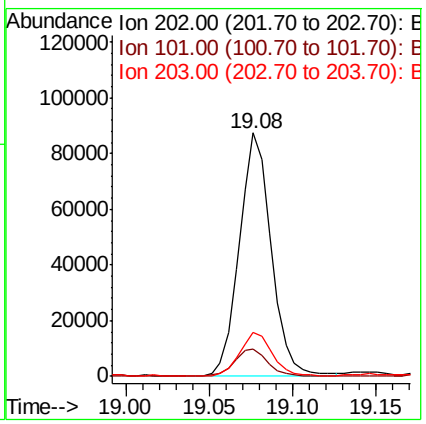


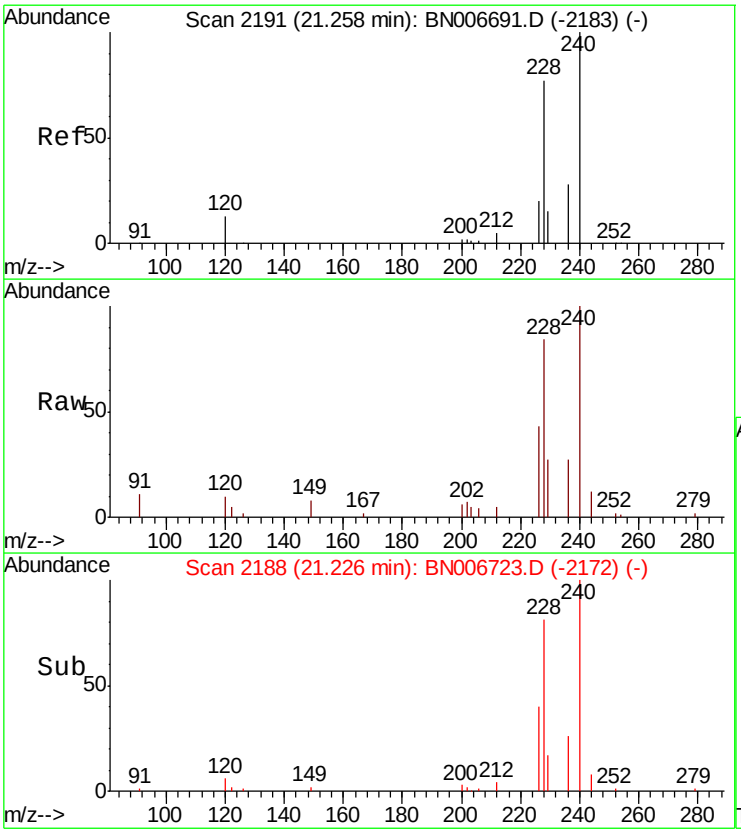
#26
Fluoranthene
Concen: 2.122 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.03 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:202 Resp: 115837

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.7	13.1
203	17.8	13.8	20.6

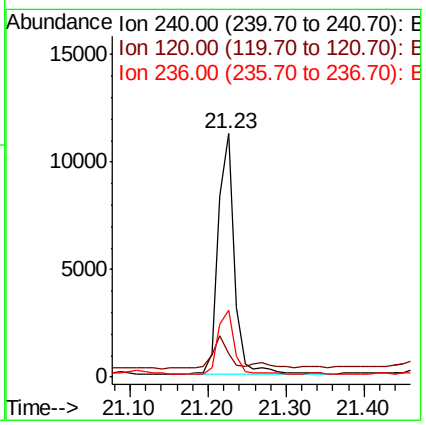


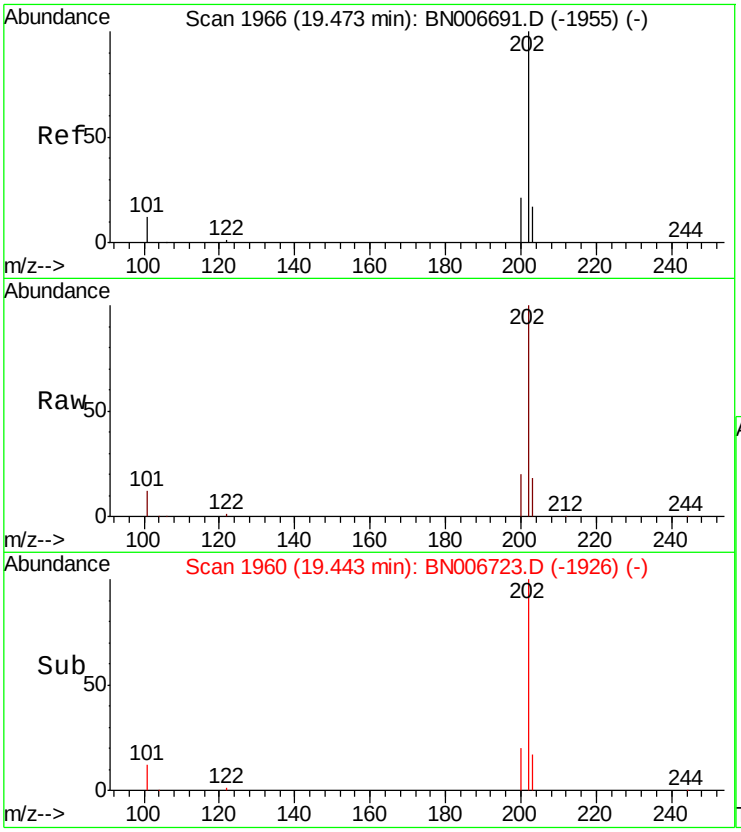


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:240 Resp: 16027

Ion	Ratio	Lower	Upper
240	100		
120	9.8	12.9	19.3#
236	27.4	23.2	34.8



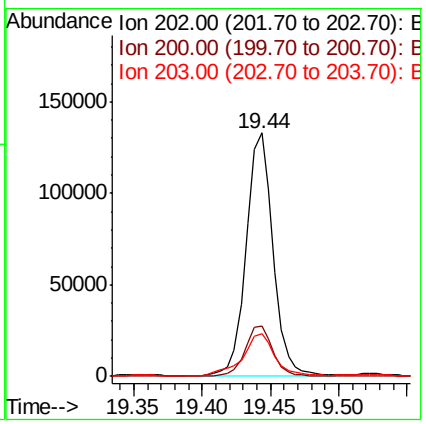


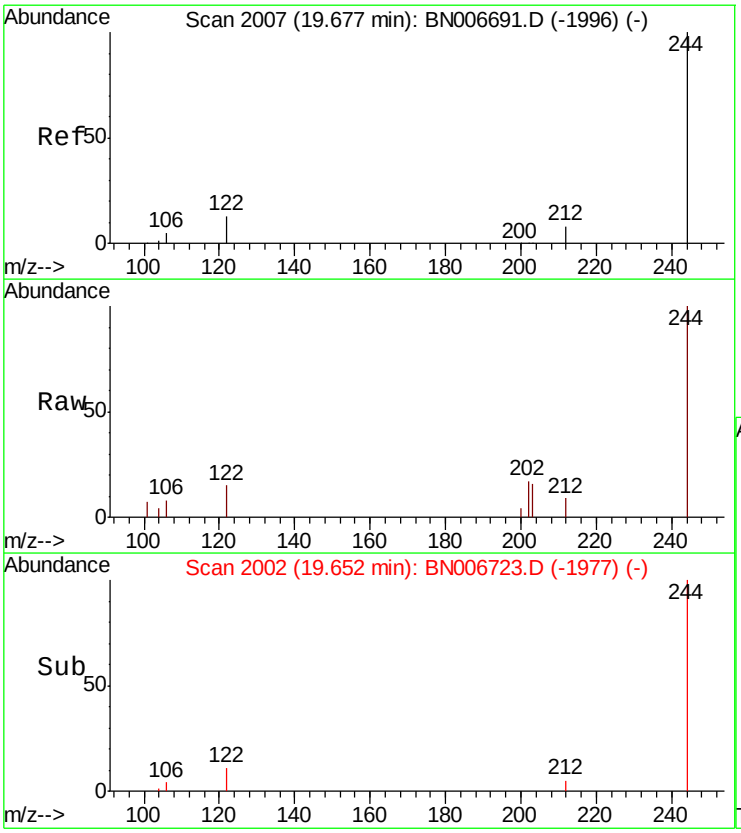
#28
Pyrene
Concen: 2.825 ng
RT: 19.44 min Scan# 1960
Delta R.T. -0.03 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:202 Resp: 181208

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	20.7	14.2	21.2

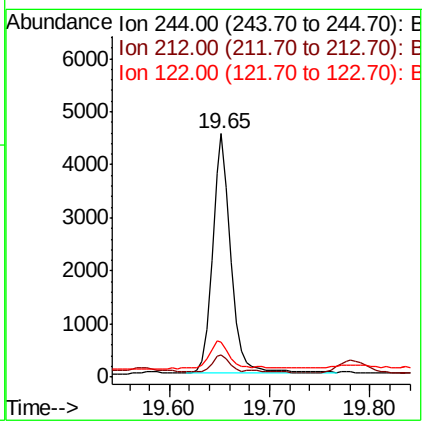


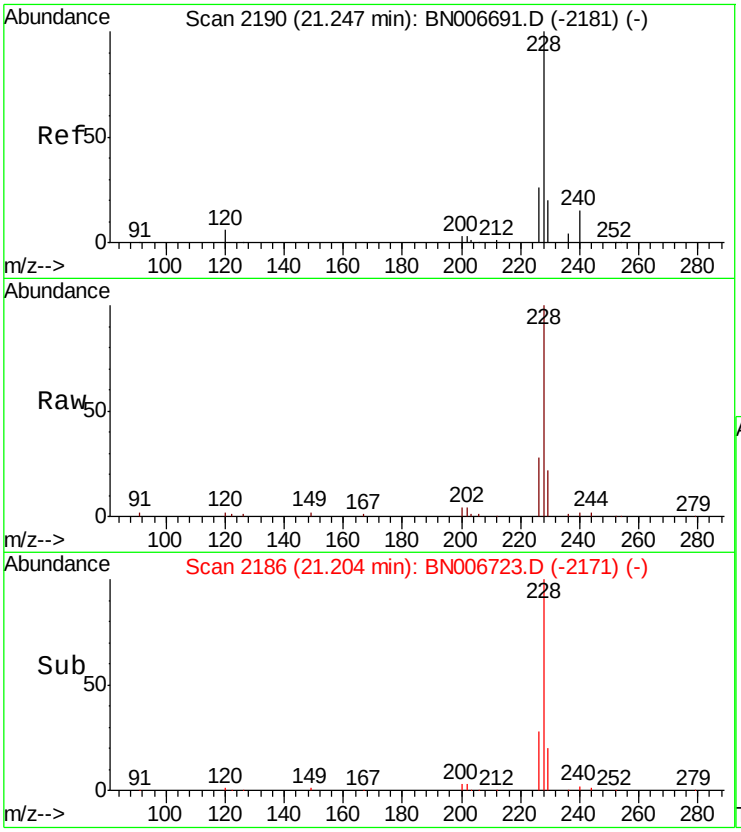


#29
Terphenyl-d14
Concen: 0.158 ng
RT: 19.65 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:244 Resp: 5828

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.4
122	14.6	11.5	17.3



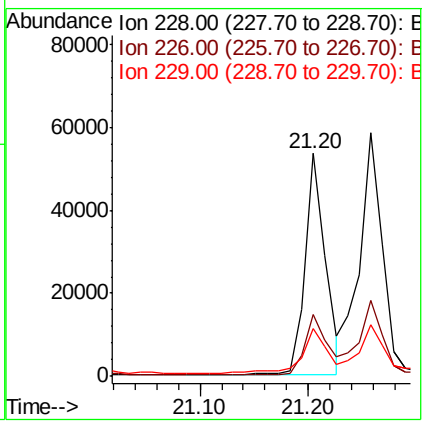


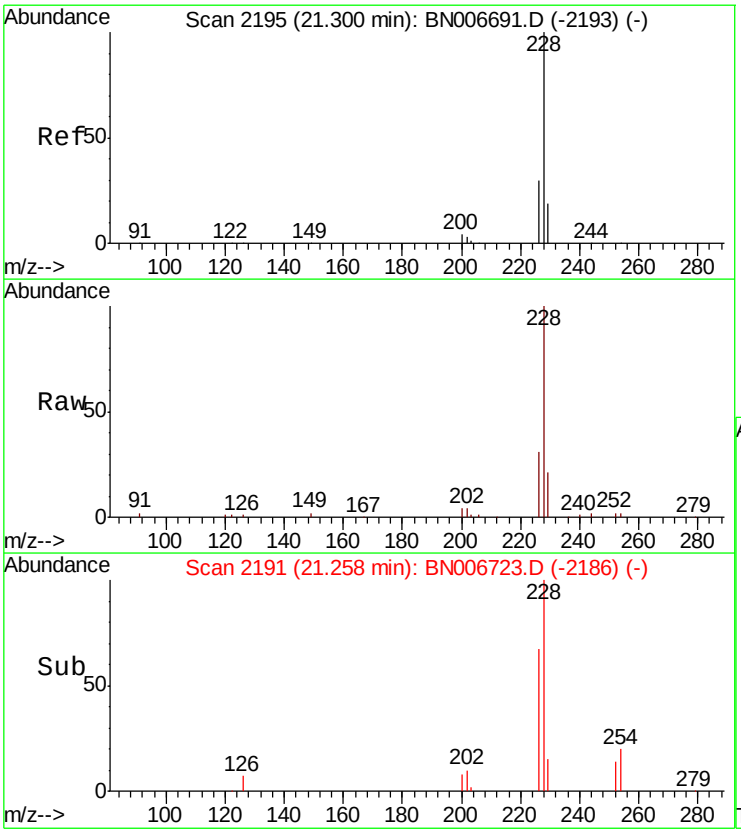
#30
Benzo(a)anthracene
Concen: 1.259 ng
RT: 21.20 min Scan# 2186
Delta R.T. -0.04 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:228 Resp: 69570

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.5	32.3
229	21.6	16.2	24.4

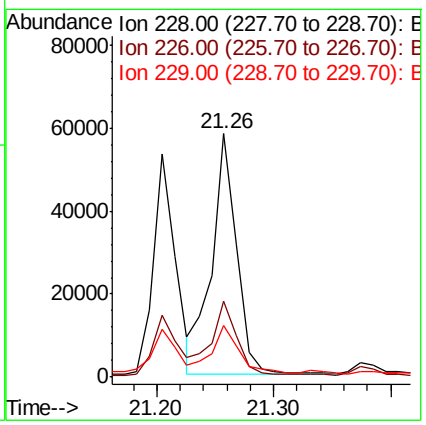


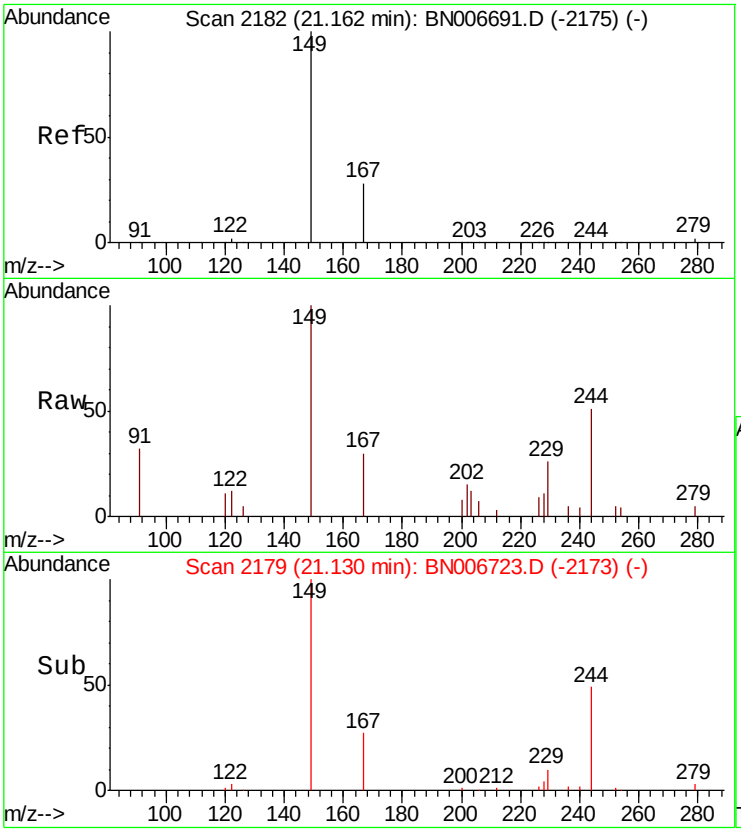


#31
Chrysene
Concen: 1.513 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:228 Resp: 86179

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.2
229	21.1	15.8	23.6



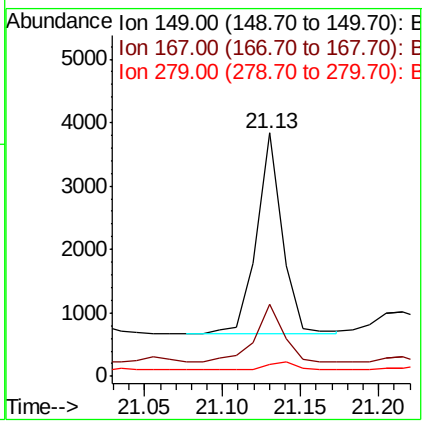


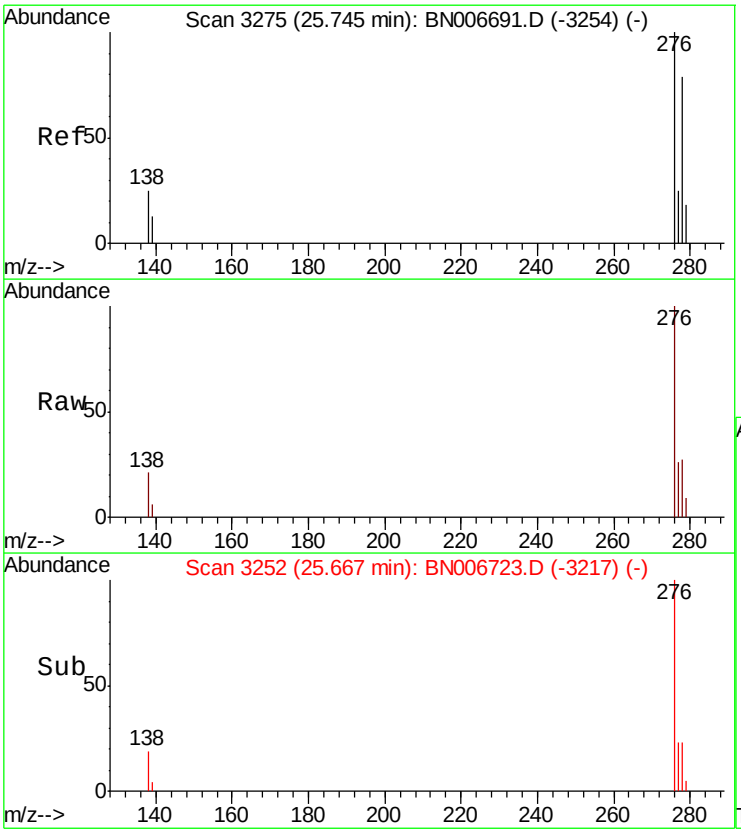
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.022 ng
RT: 21.13 min Scan# 2179
Delta R.T. -0.03 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:149 Resp: 3599

Ion	Ratio	Lower	Upper
149	100		
167	31.1	22.9	34.3
279	4.5	3.2	4.8

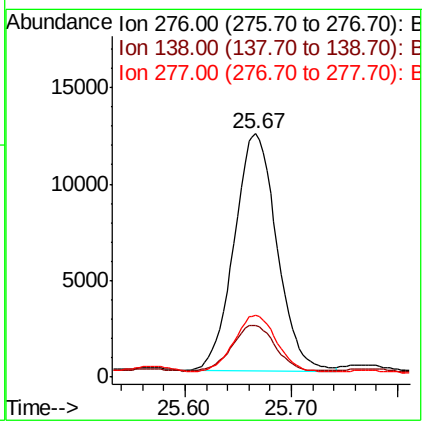


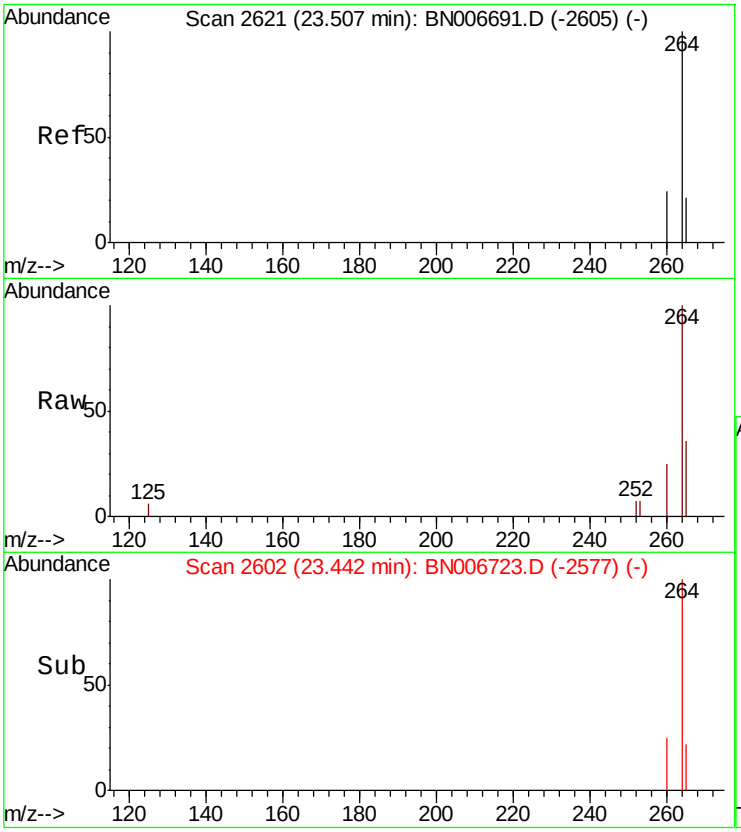


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.506 ng
RT: 25.67 min Scan# 3252
Delta R.T. -0.08 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:276 Resp: 34454

Ion	Ratio	Lower	Upper
276	100		
138	19.7	19.5	29.3
277	23.5	19.7	29.5



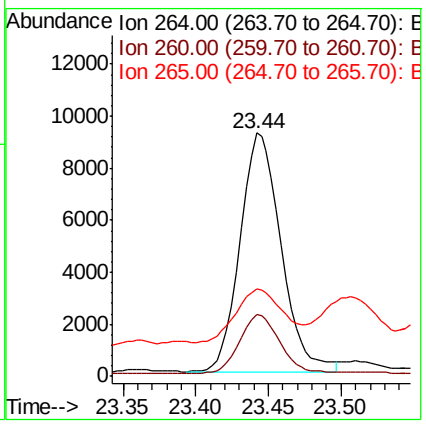


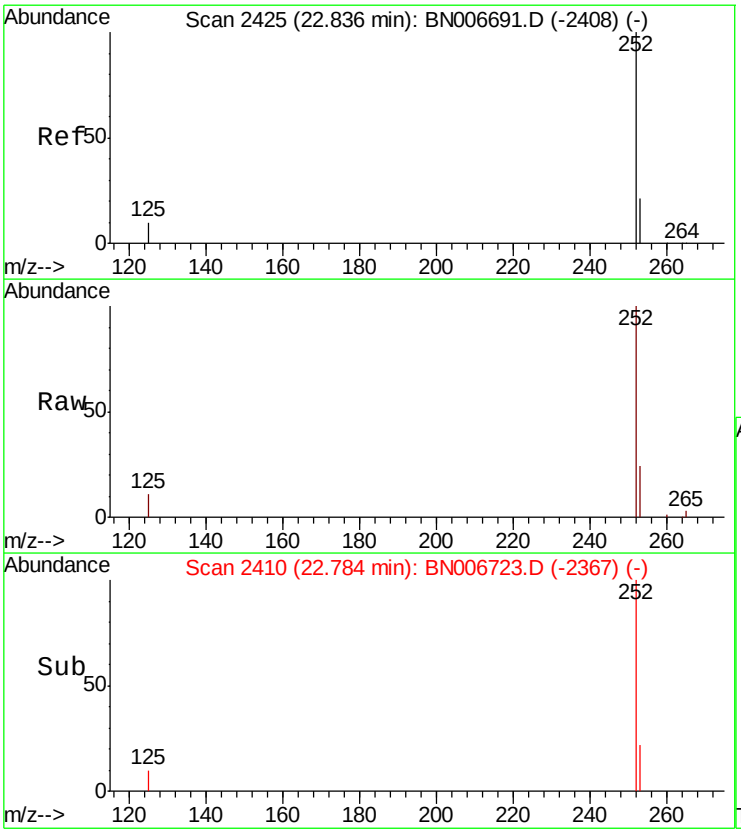
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.44 min Scan# 2602
Delta R.T. -0.07 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:264 Resp: 17987

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	35.7	33.7	50.5

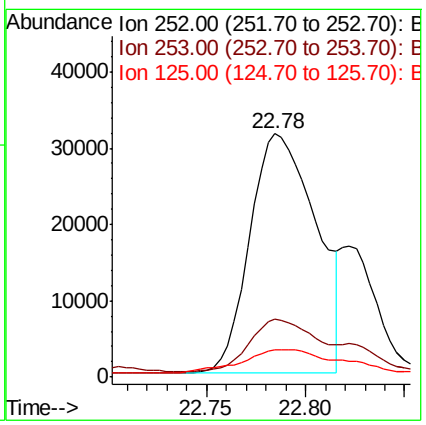


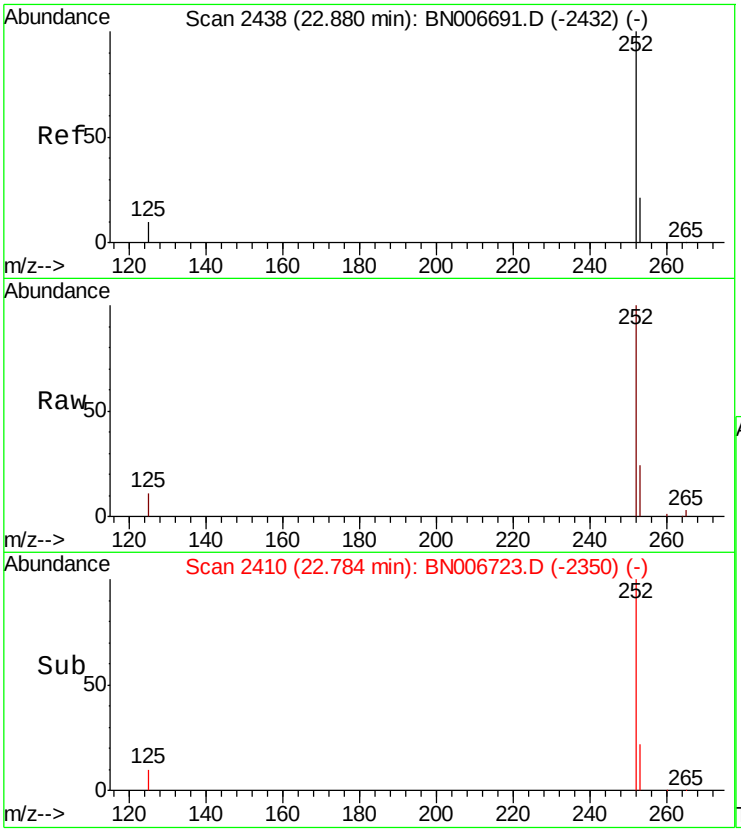


#35
Benzo(b)fluoranthene
Concen: 1.264 ng
RT: 22.78 min Scan# 2410
Delta R.T. -0.05 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:252 Resp: 72958

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.2	30.2
125	11.4	11.5	17.3#



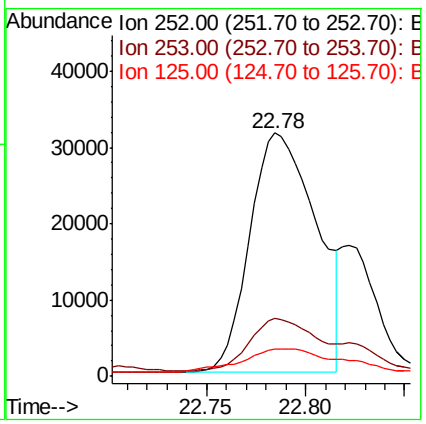


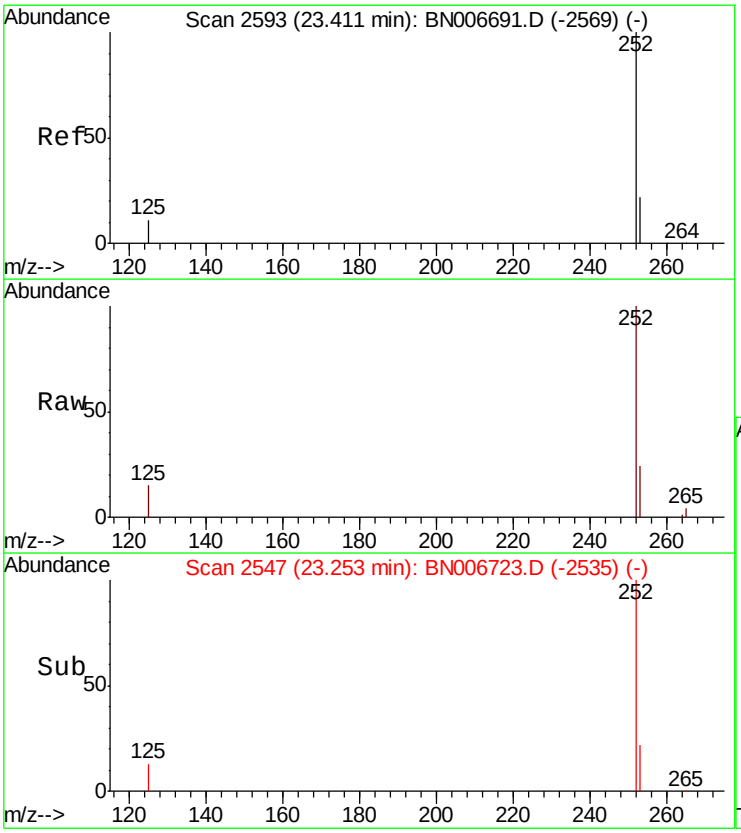
#36
Benzo(k)fluoranthene
Concen: 1.165 ng
RT: 22.78 min Scan# 2410
Delta R.T. -0.10 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:252 Resp: 72958

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.1	30.1
125	11.4	11.4	17.0

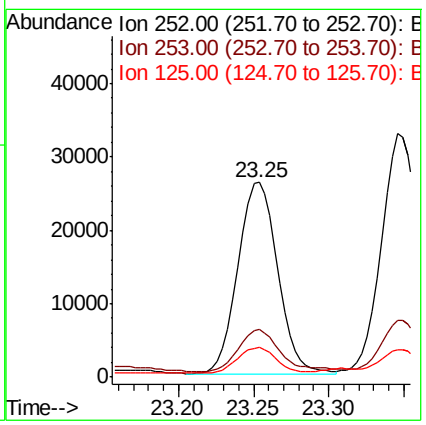


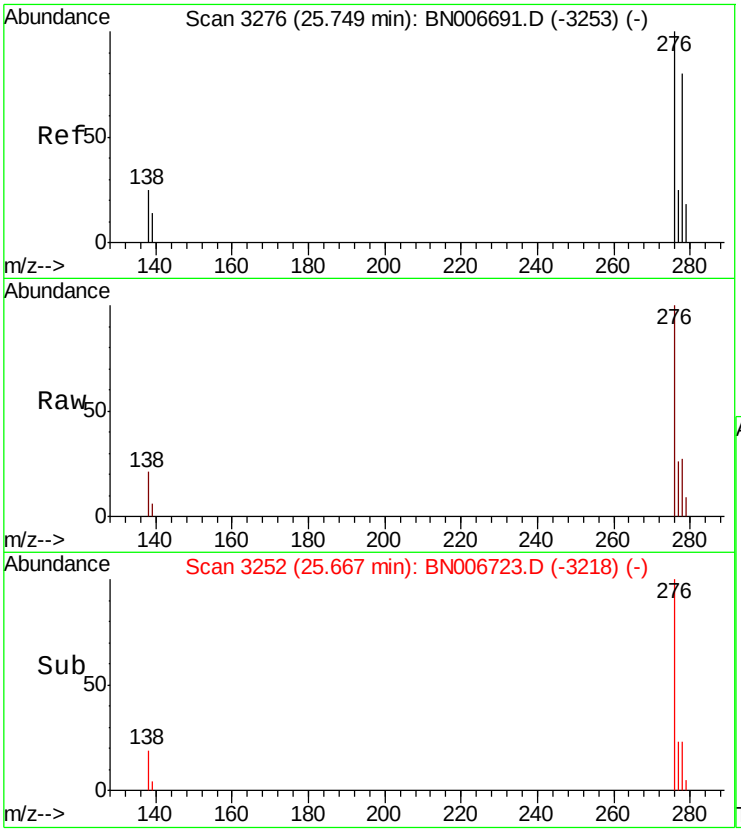


#37
Benzo(a)pyrene
Concen: 0.840 ng
RT: 23.25 min Scan# 2547
Delta R.T. -0.16 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:252 Resp: 46973

Ion	Ratio	Lower	Upper
252	100		
253	24.2	21.4	32.2
125	15.0	13.3	19.9



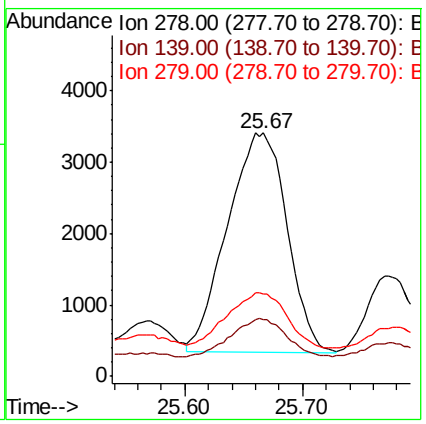


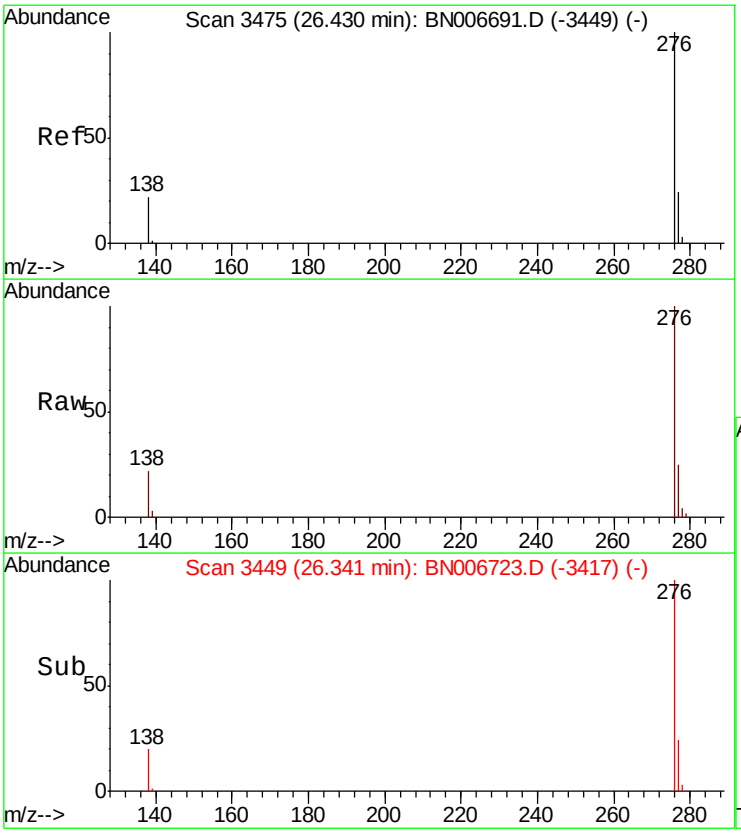
#38
Dibenzo(a,h)anthracene
Concen: 0.194 ng
RT: 25.67 min Scan# 3252
Delta R.T. -0.08 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Instrument :
BNA_N
ClientSampleId :
PST-016-B237-062619

Tgt Ion:278 Resp: 10754

Ion	Ratio	Lower	Upper
278	100		
139	23.2	16.2	24.4
279	34.0	20.7	31.1#





#39
Benzo(g,h,i)perylene
Concen: 0.707 ng
RT: 26.34 min Scan# 3449
Delta R.T. -0.09 min
Lab File: BN006723.D
Acq: 05 Jul 2019 19:26

Tgt Ion:276 Resp: 40410

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.6	30.8
138	21.6	19.7	29.5