Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070219\
Data File : BN006701.D
Acq On : 02 Jul 2019 20:37
Operator : HP/JU
Sample : K3505-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-013-B212-062019MS

Quant Time: Jul 03 04:50:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 17:43:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4375	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	16025	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	8126	0.40	ng		0.00
19) Phenanthrene-d10	17.03	188	16729	0.40	ng		0.00
27) Chrysene-d12	21.25	240	12923	0.40	ng		-0.01
34) Perylene-d12	23.48	264	13114	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	2831	0.24	ng		0.00
5) Phenol-d6	6.81	99	4007	0.27	ng		-0.02
8) Nitrobenzene-d5	8.79	82	2748	0.22	ng		0.00
11) 2-Methylnaphthalene-d10	11.99	152	8350	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	914	0.23	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	8317	0.26	ng		0.00
25) Fluoranthene-d10	19.07	212	10798	0.23	ng		0.00
29) Terphenyl-d14	19.67	244	7586	0.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	1435	0.210	ng	#	63
3) n-Nitrosodimethylamine	3.49	42	1148	0.223	ng	#	77
6) bis(2-Chloroethyl)ether	7.06	93	2851	0.224	ng		95
9) Naphthalene	10.44	128	16540	0.377	ng		99
10) Hexachlorobutadiene	10.72	225	2195	0.247	ng	#	100
12) 2-Methylnaphthalene	12.07	142	9268	0.288	ng		99
16) Acenaphthylene	13.99	152	15815	0.390	ng		100
17) Acenaphthene	14.32	154	11640	0.451	ng		98
18) Fluorene	15.32	166	17227	0.537	ng		94
20) 4-Bromophenyl-phenylether	16.22	248	2498	0.253	ng		99
21) Hexachlorobenzene	16.33	284	2882	0.246	ng		99
22) Pentachlorophenol	16.73	266	103	0.259	ng		92
23) Phenanthrene	17.07	178	159411	3.306	ng		100
24) Anthracene	17.16	178	42625	0.978	ng		99
26) Fluoranthene	19.10	202	241993	4.274	ng		99
28) Pyrene	19.46	202	196478	3.799	ng		98
30) Benzo(a)anthracene	21.23	228	99016	2.222	ng		98
31) Chrysene	21.28	228	86660	1.886	ng		98
32) Bis(2-ethylhexyl)phthalate	21.15	149	16017	0.120	ng		99
33) Indeno(1,2,3-cd)pyrene	25.70	276	63070	1.148	ng		97
35) Benzo(b)fluoranthene	22.81	252	113865	2.705	ng	#	94
36) Benzo(k)fluoranthene	22.81	252	113865	2.495	ng	#	95
37) Benzo(a)pyrene	23.28	252	48506	1.190	ng		95
38) Dibenzo(a,h)anthracene	25.71	278	23337	0.576	ng		98
39) Benzo(g,h,i)perylene	26.39	276	60065	1.441	ng		96

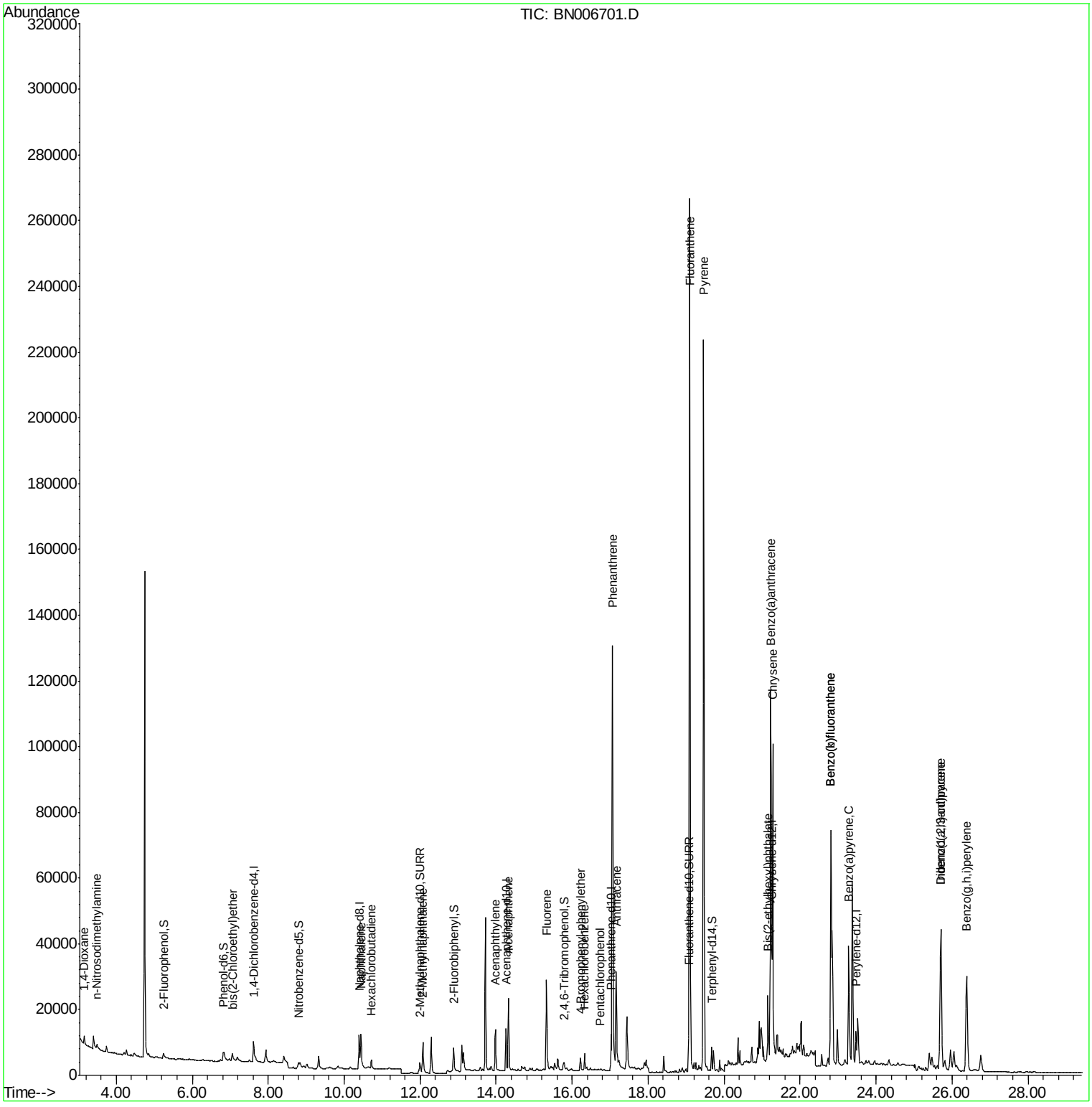
(#) = qualifier out of range (m) = manual integration (+) = signals summed

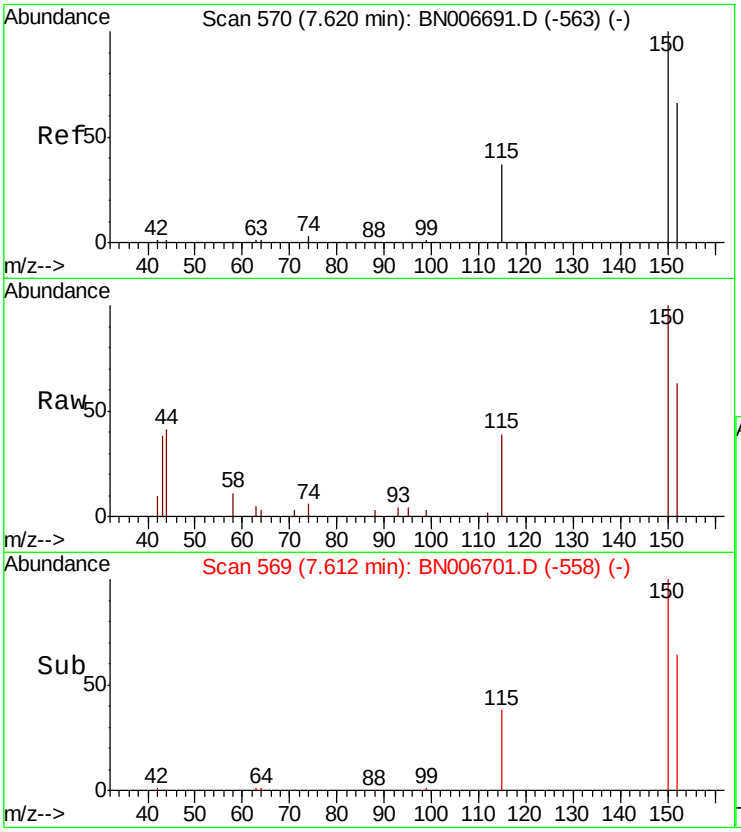
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070219\
Data File : BN006701.D
Acq On : 02 Jul 2019 20:37
Operator : HP/JU
Sample : K3505-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Quant Time: Jul 03 04:50:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 17:43:33 2019
Response via : Initial Calibration



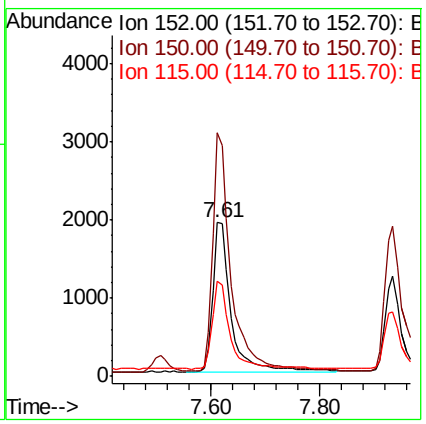


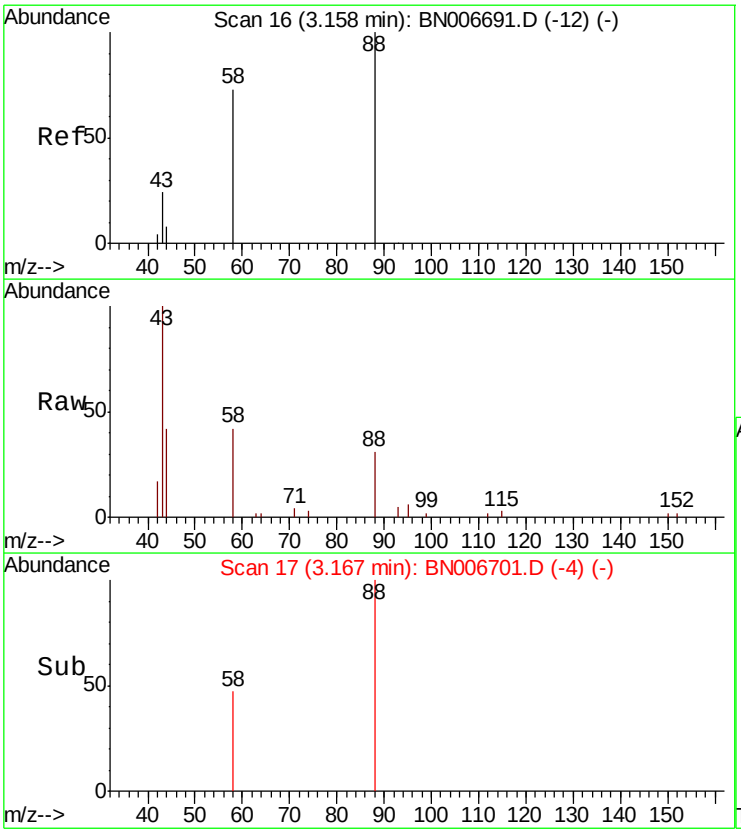
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:152 Resp: 4375

Ion	Ratio	Lower	Upper
152	100		
150	158.6	120.6	181.0
115	62.1	51.0	76.6

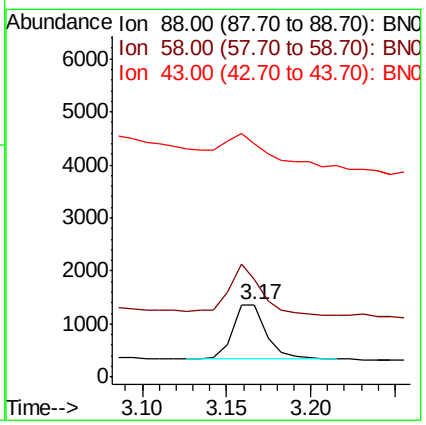


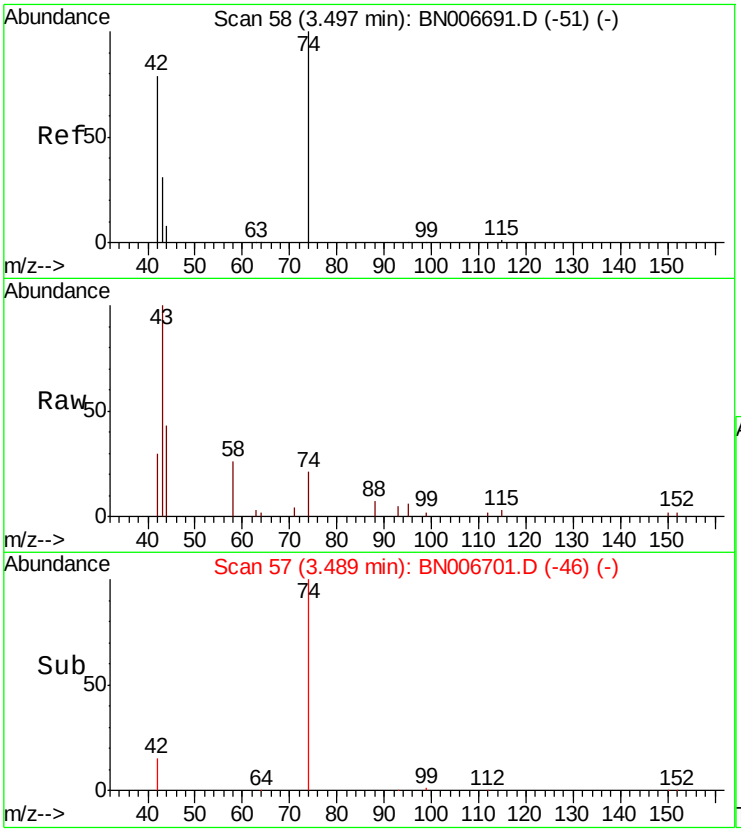


#2
1,4-Dioxane
Concen: 0.210 ng
RT: 3.17 min Scan# 17
Delta R.T. 0.01 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion: 88 Resp: 1435

Ion	Ratio	Lower	Upper
88	100		
58	92.5	61.1	91.7#
43	85.0	32.4	48.6#



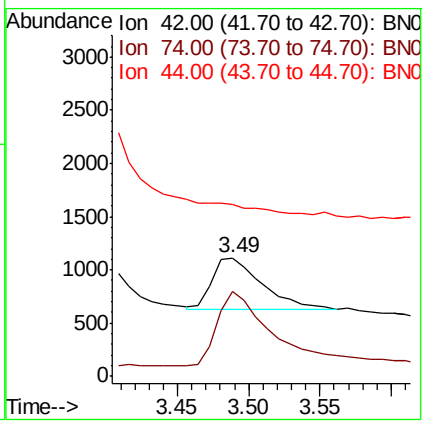


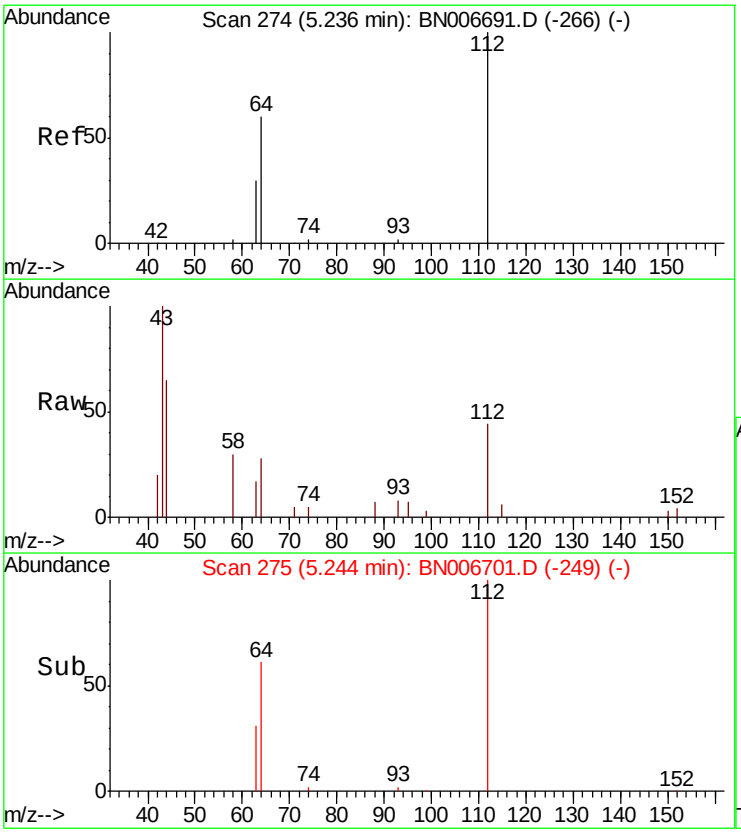
#3
n-Nitrosodimethylamine
Concen: 0.223 ng
RT: 3.49 min Scan# 57
Delta R.T. -0.01 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion: 42 Resp: 1148

Ion	Ratio	Lower	Upper
42	100		
74	160.5	106.6	160.0#
44	0.0	8.0	12.0#

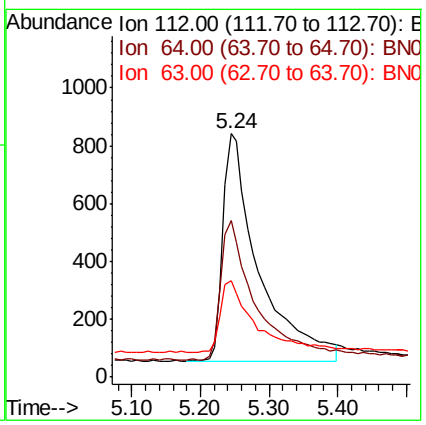


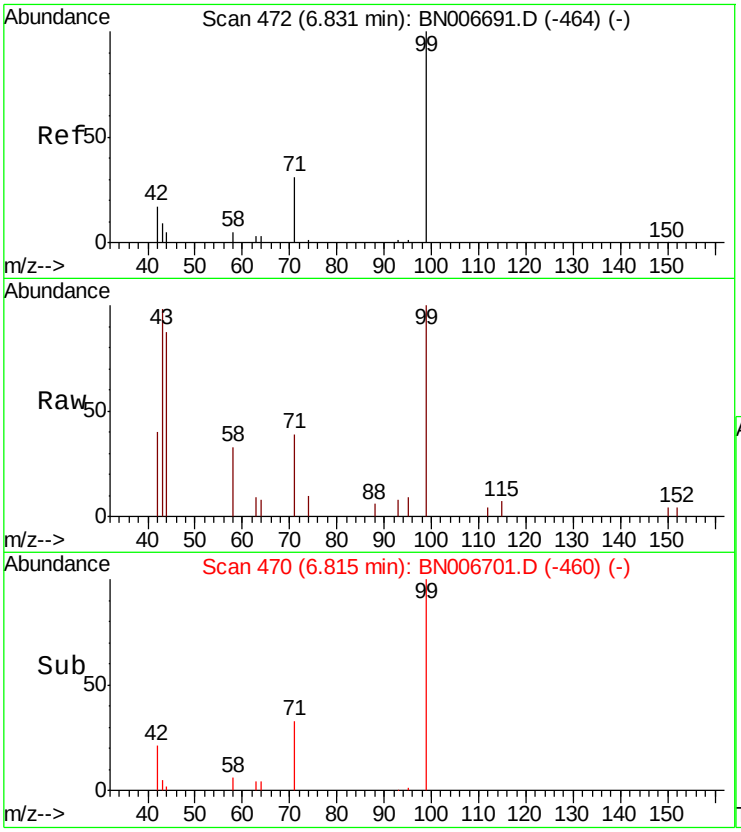


#4
2-Fluorophenol
Concen: 0.238 ng
RT: 5.24 min Scan# 275
Delta R.T. 0.01 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:112 Resp: 2831

Ion	Ratio	Lower	Upper
112	100		
64	61.4	49.8	74.6
63	31.1	25.8	38.6



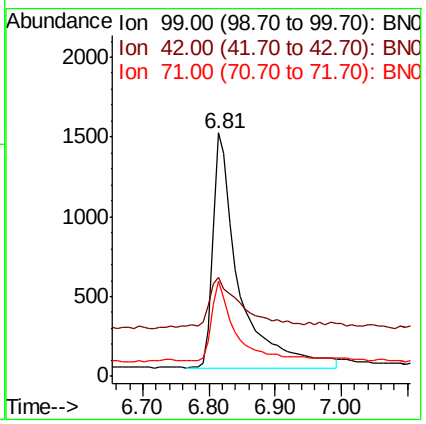


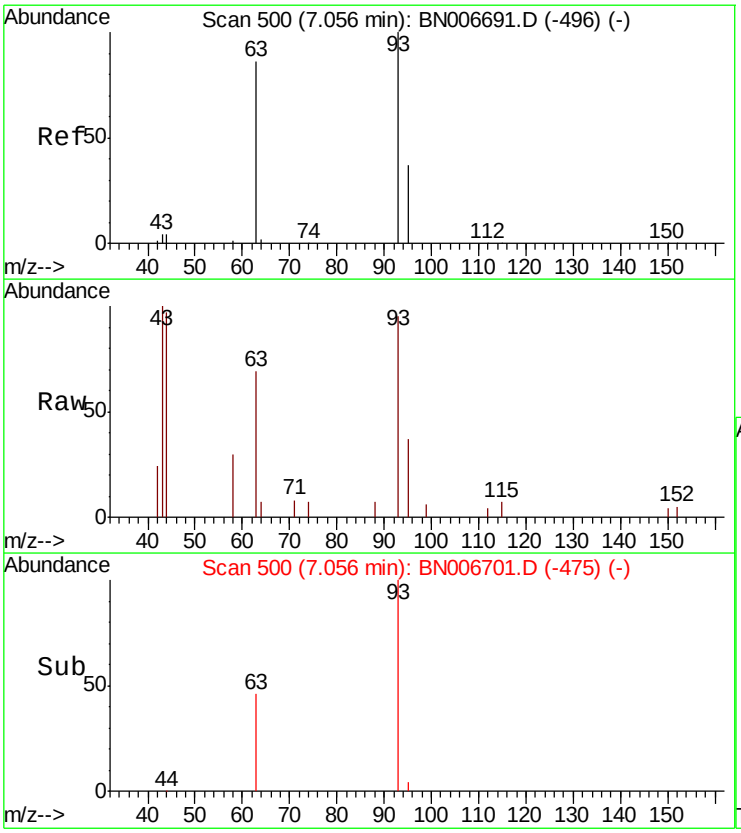
#5
Phenol-d6
Concen: 0.266 ng
RT: 6.81 min Scan# 470
Delta R.T. -0.02 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion: 99 Resp: 4007

Ion	Ratio	Lower	Upper
99	100		
42	26.5	16.6	25.0#
71	31.8	26.0	39.0

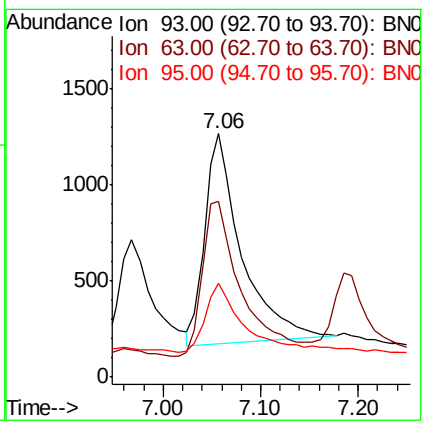


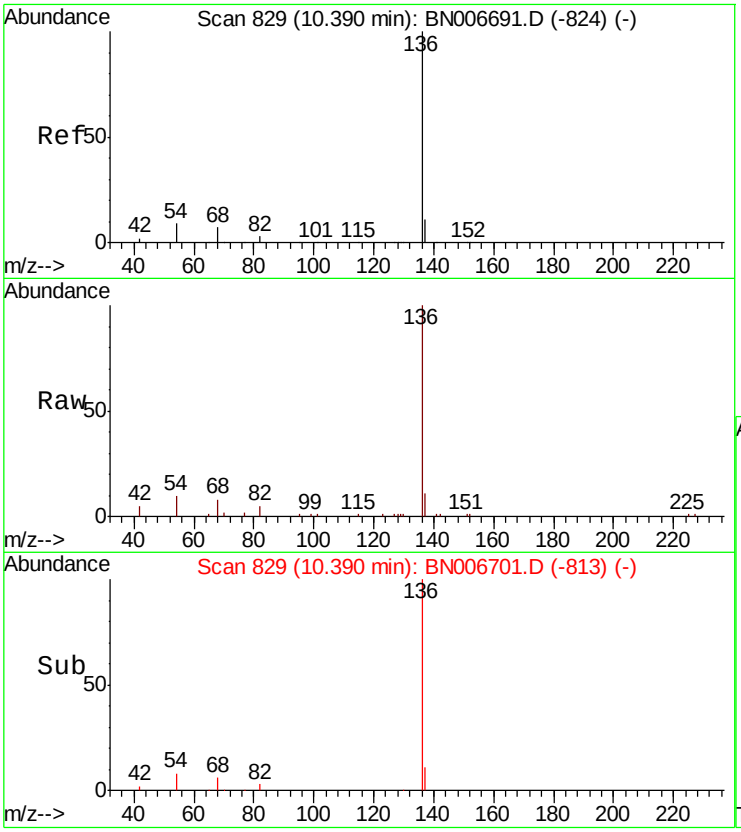


#6
bis(2-Chloroethyl)ether
Concen: 0.224 ng
RT: 7.06 min Scan# 500
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion: 93 Resp: 2851

Ion	Ratio	Lower	Upper
93	100		
63	79.5	58.6	87.8
95	35.3	28.3	42.5



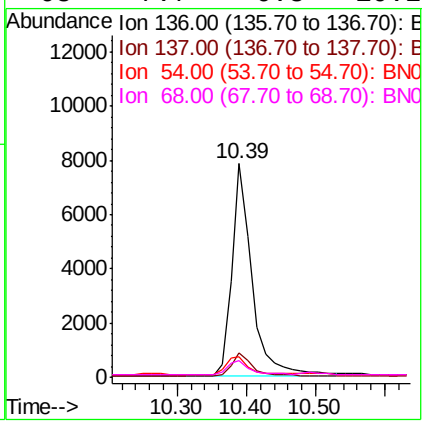


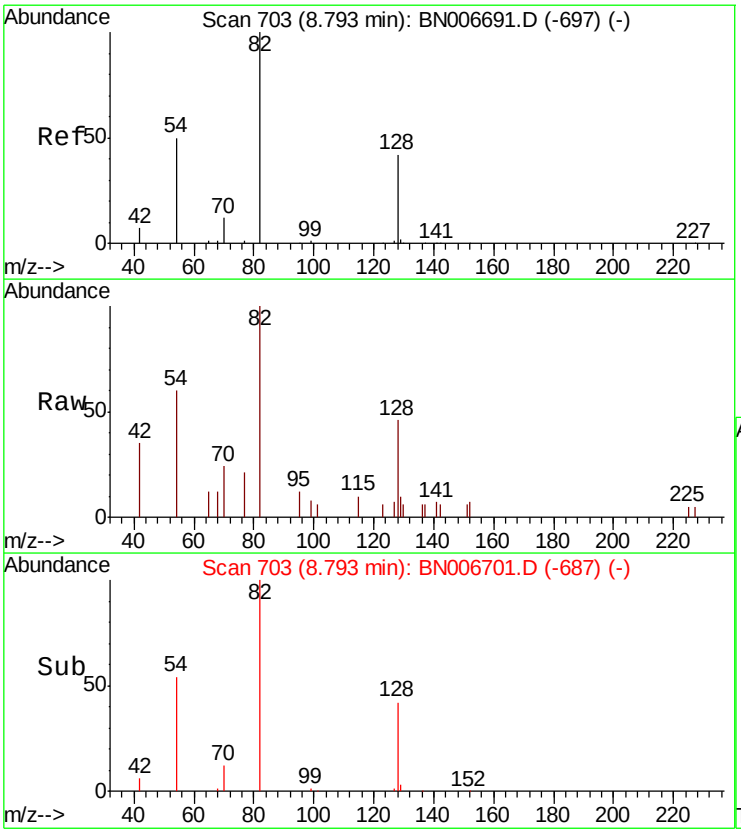
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:136 Resp: 16025

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	9.7	8.4	12.6
68	7.7	6.8	10.2

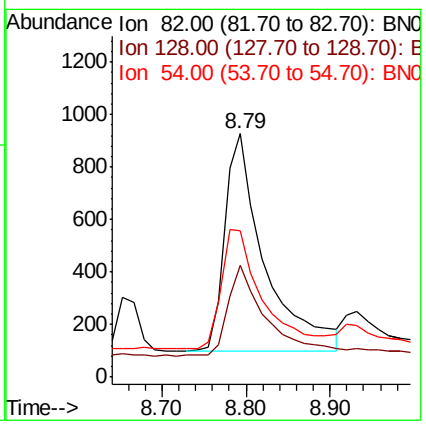


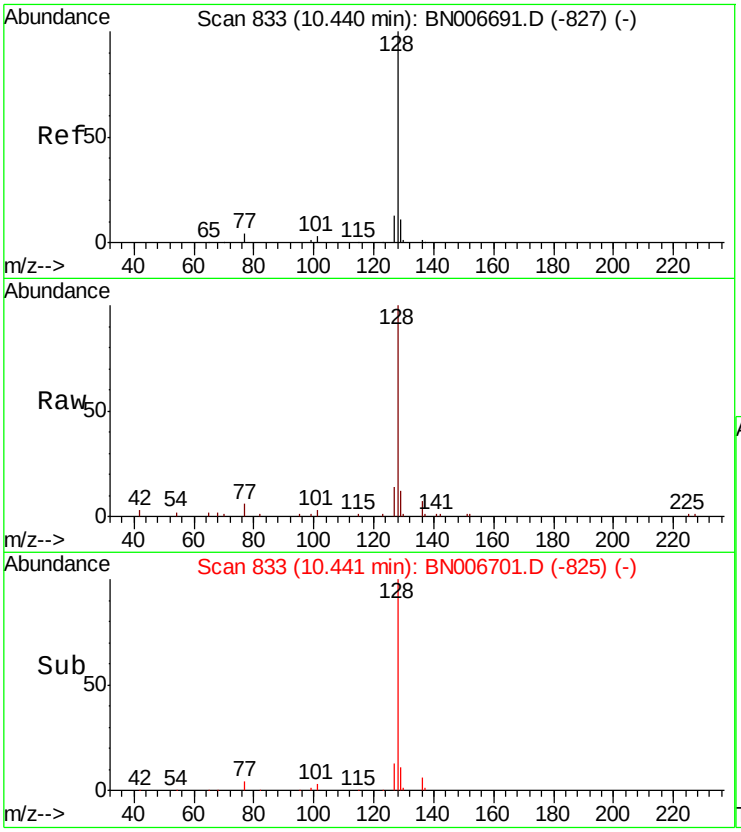


#8
Nitrobenzene-d5
Concen: 0.224 ng
RT: 8.79 min Scan# 703
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion: 82 Resp: 2748

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	59.9	44.5	66.7



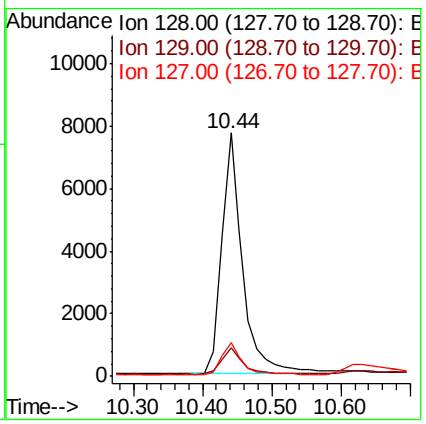


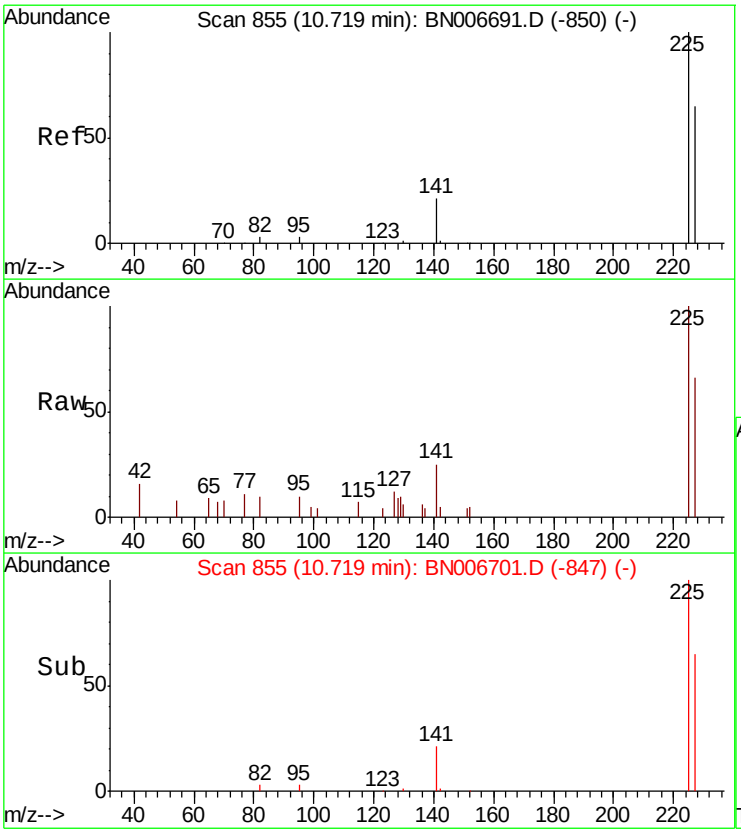
#9
Naphthalene
Concen: 0.377 ng
RT: 10.44 min Scan# 833
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:128 Resp: 16540

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.6	11.0	16.4

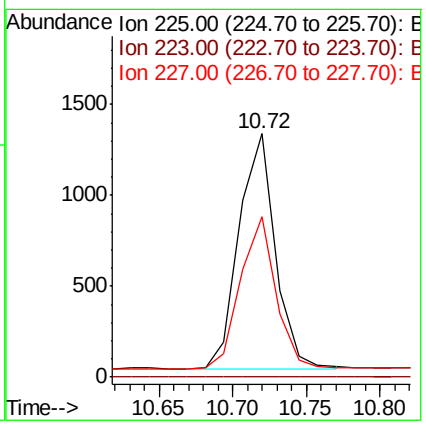


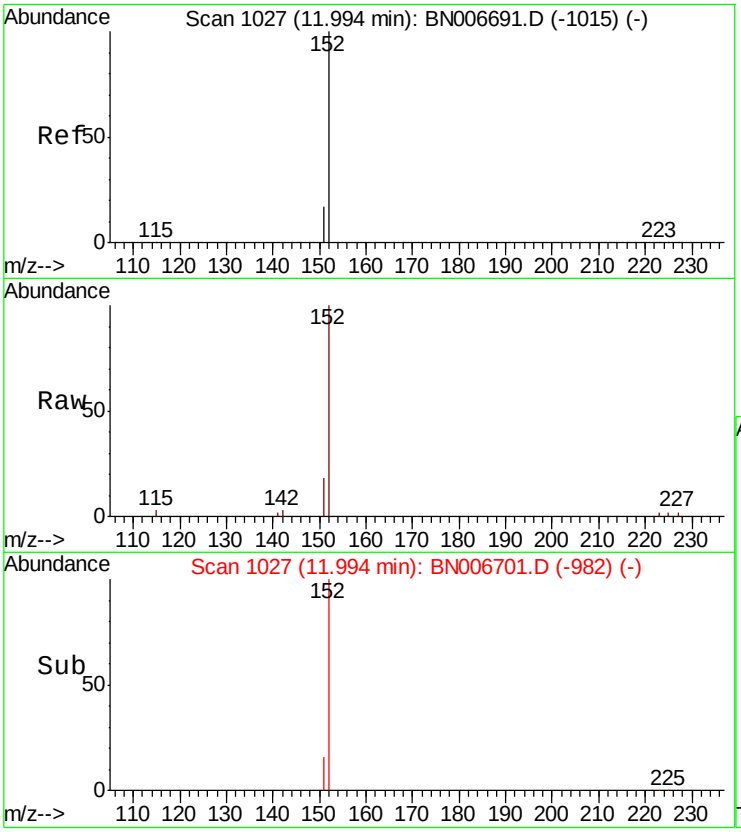


#10
Hexachlorobutadiene
Concen: 0.247 ng
RT: 10.72 min Scan# 855
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:225 Resp: 2195

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.9	76.3



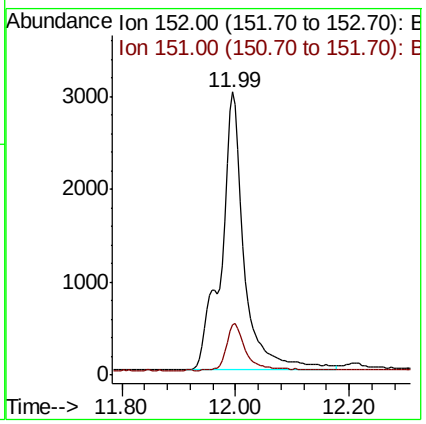


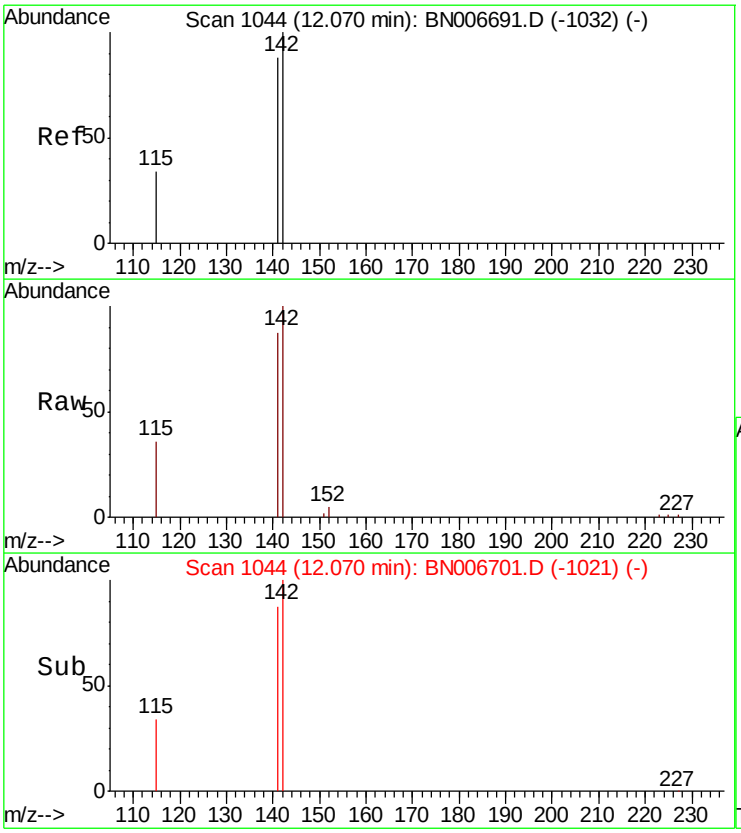
#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 11.99 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:152 Resp: 8350

Ion	Ratio	Lower	Upper
152	100		
151	13.9	14.9	22.3#

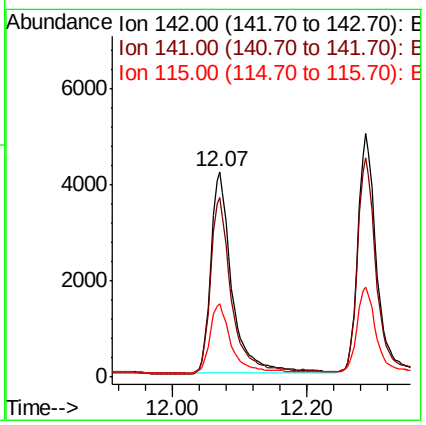


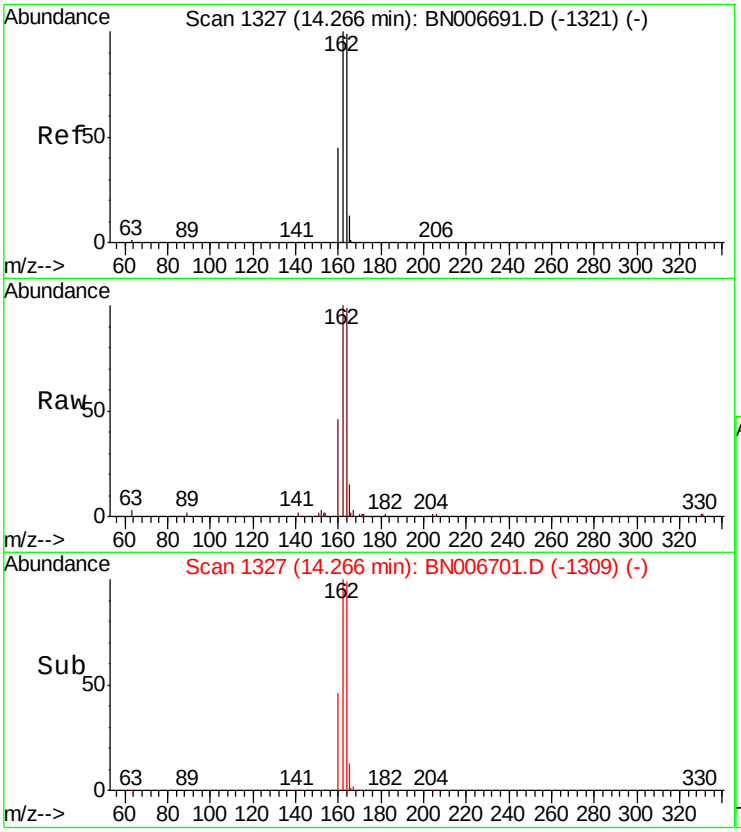


#12
2-Methylnaphthalene
Concen: 0.288 ng
RT: 12.07 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:142 Resp: 9268

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.3	105.5
115	35.8	28.9	43.3



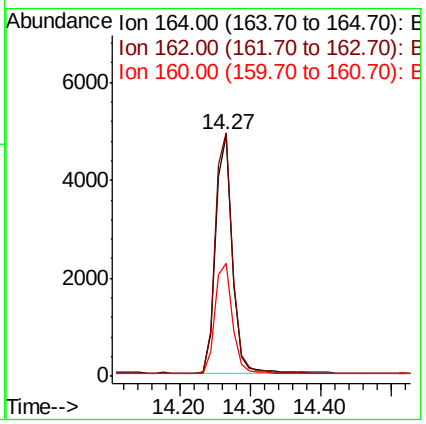


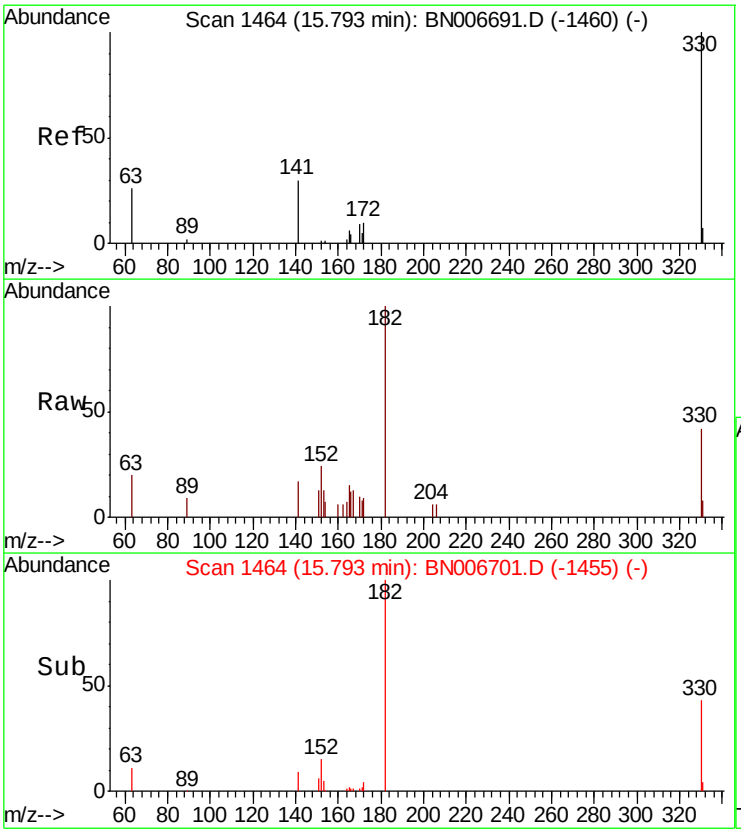
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:164 Resp: 8126

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.8	121.2
160	46.9	37.0	55.6

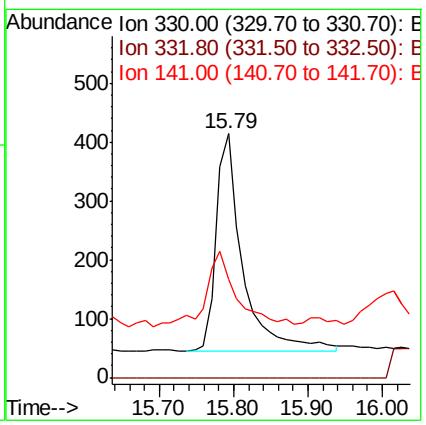


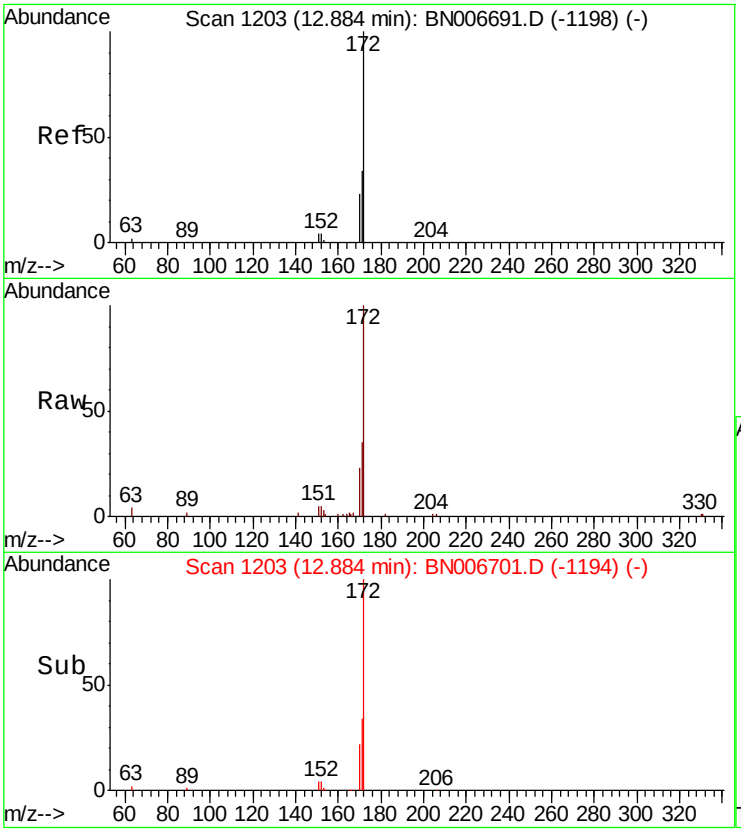


#14
2,4,6-Tribromophenol
Concen: 0.229 ng
RT: 15.79 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:330 Resp: 914

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.0	24.8	37.2



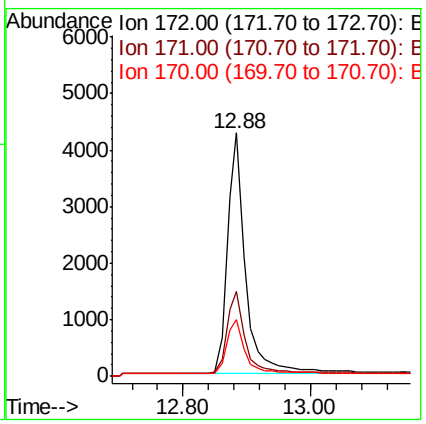


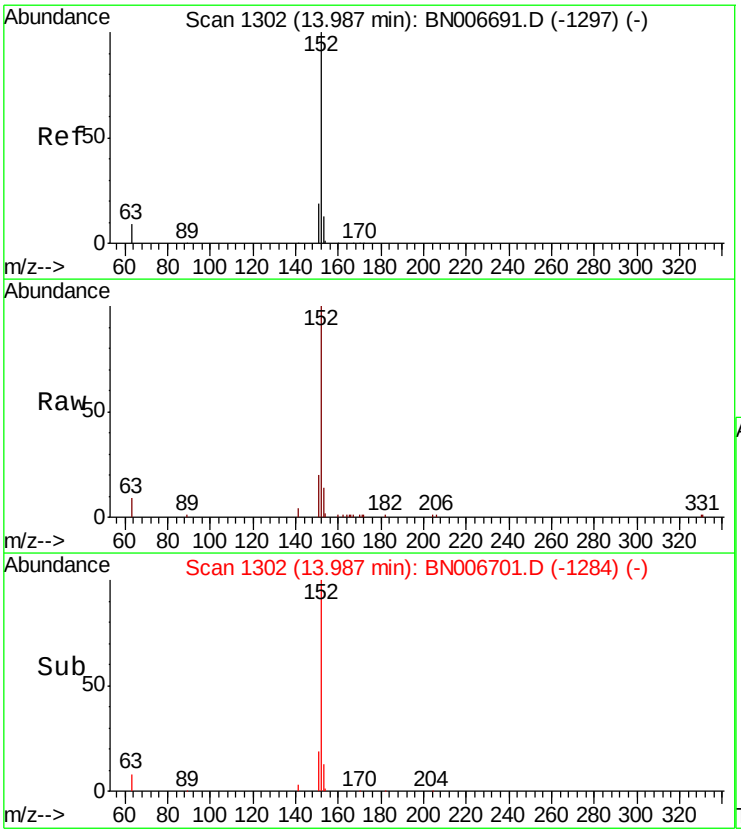
#15
2-Fluorobiphenyl
Concen: 0.262 ng
RT: 12.88 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:172 Resp: 8317

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.1	18.9	28.3

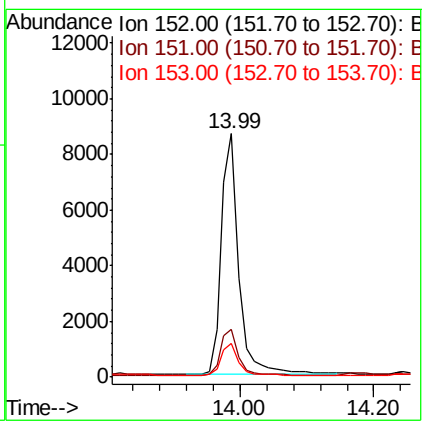


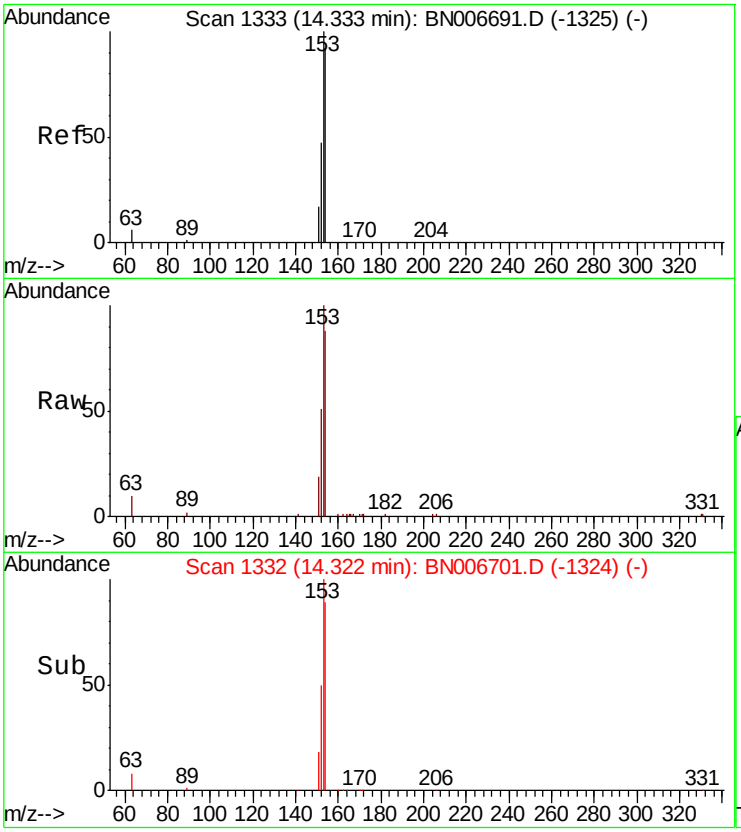


#16
Acenaphthylene
Concen: 0.390 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:152 Resp: 15815

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.3	10.6	15.8



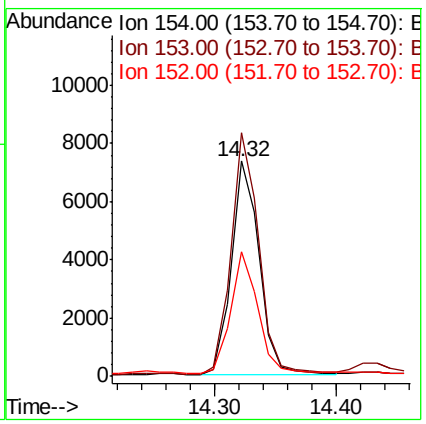


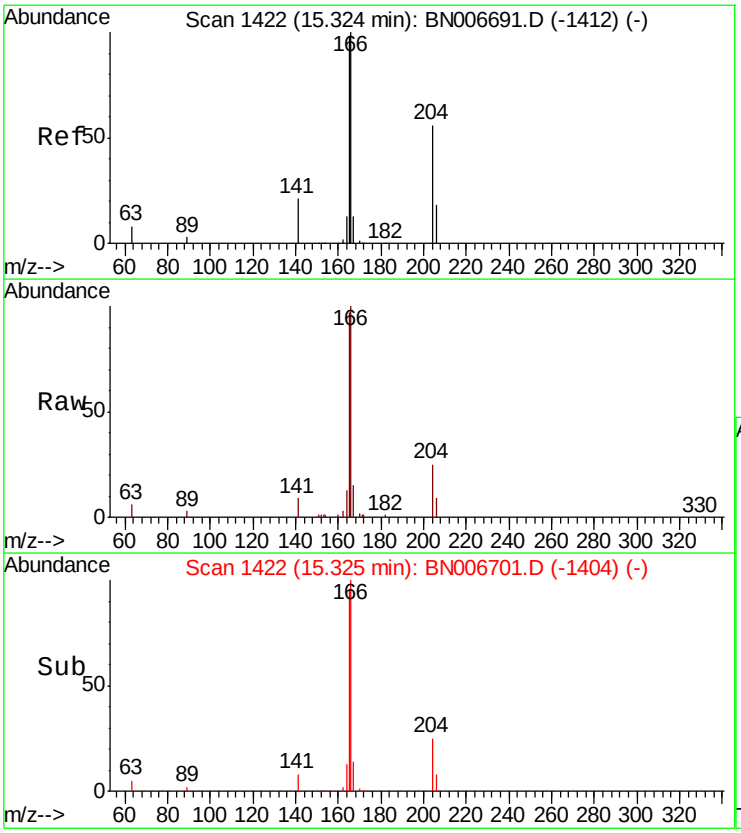
#17
Acenaphthene
Concen: 0.451 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:154 Resp: 11640

Ion	Ratio	Lower	Upper
154	100		
153	112.5	88.9	133.3
152	55.6	42.8	64.2

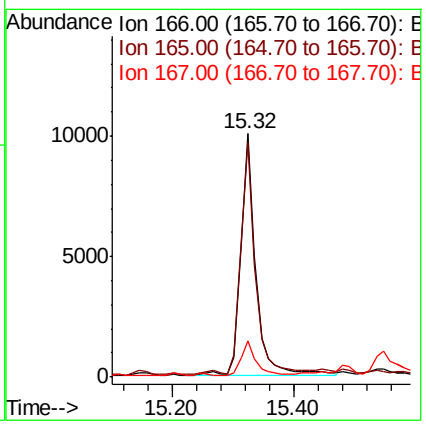


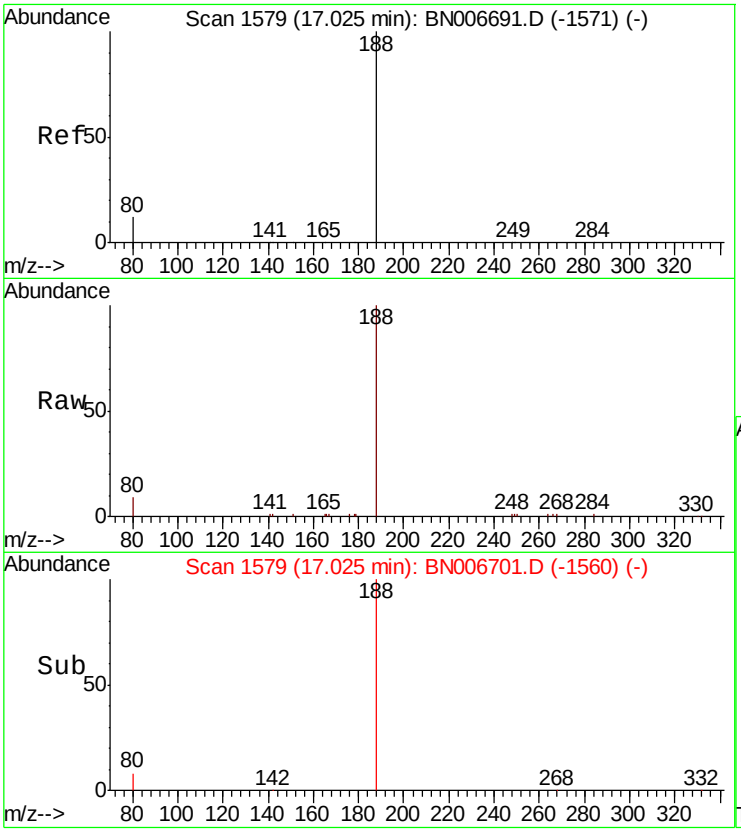


#18
Fluorene
Concen: 0.537 ng
RT: 15.32 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:166 Resp: 17227

Ion	Ratio	Lower	Upper
166	100		
165	91.3	78.0	117.0
167	13.7	10.7	16.1



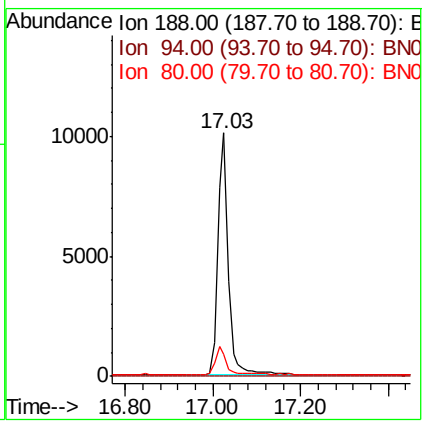


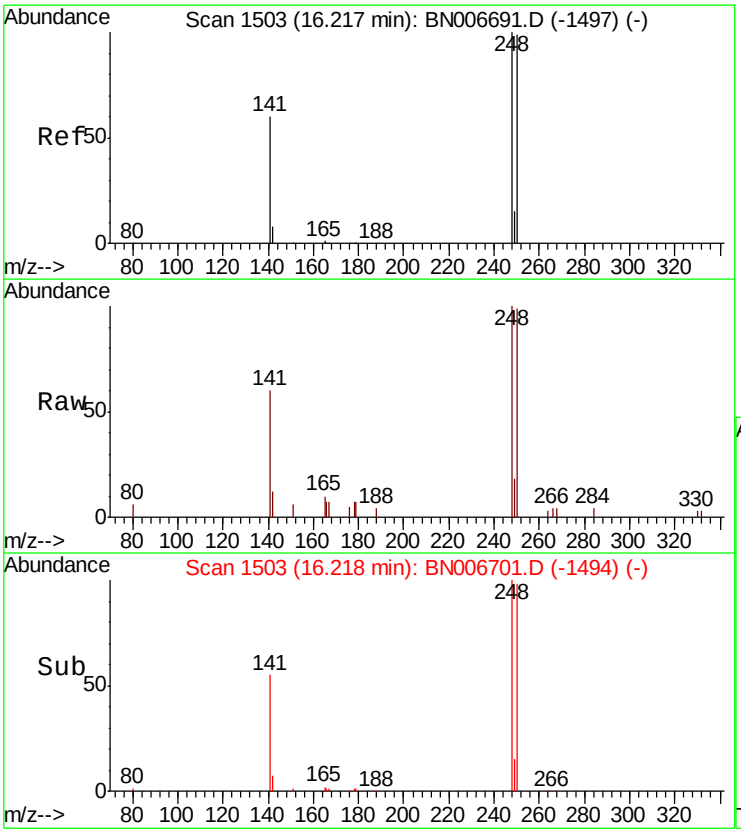
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:188 Resp: 16729

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	10.3	15.5#

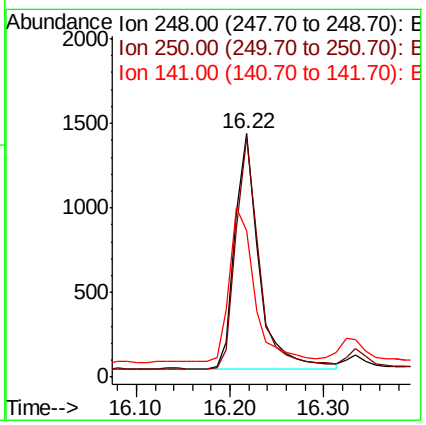


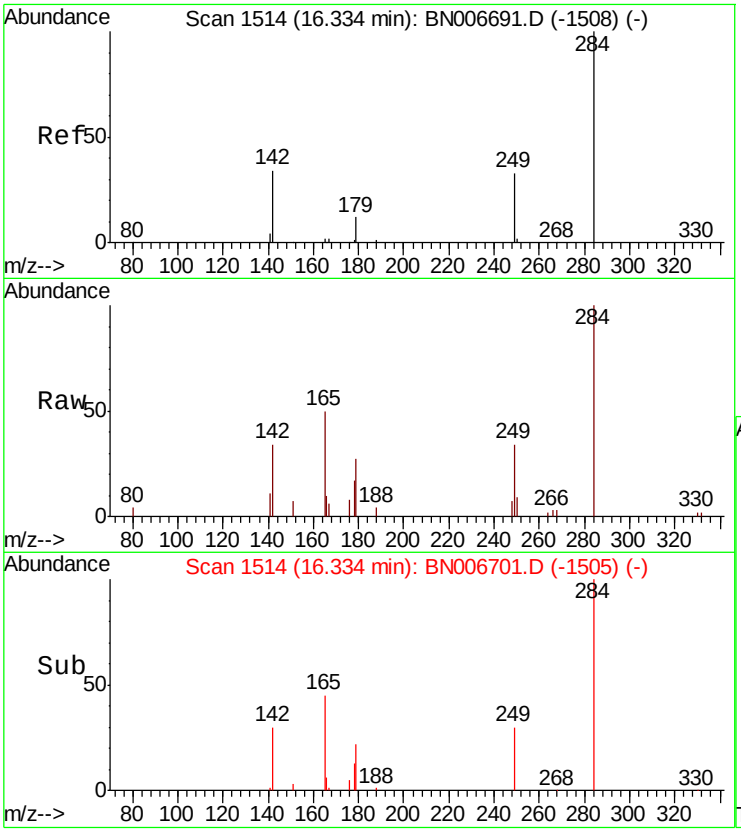


#20
4-Bromophenyl-phenylether
Concen: 0.253 ng
RT: 16.22 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:248 Resp: 2498

Ion	Ratio	Lower	Upper
248	100		
250	98.7	79.0	118.6
141	60.2	50.2	75.4



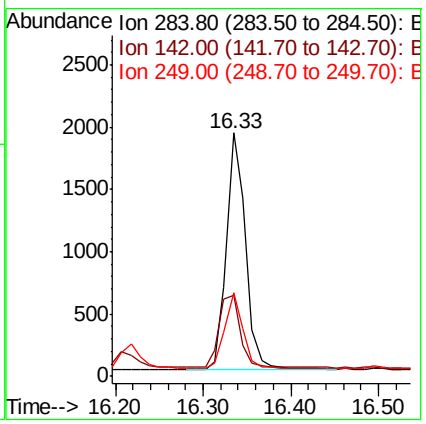


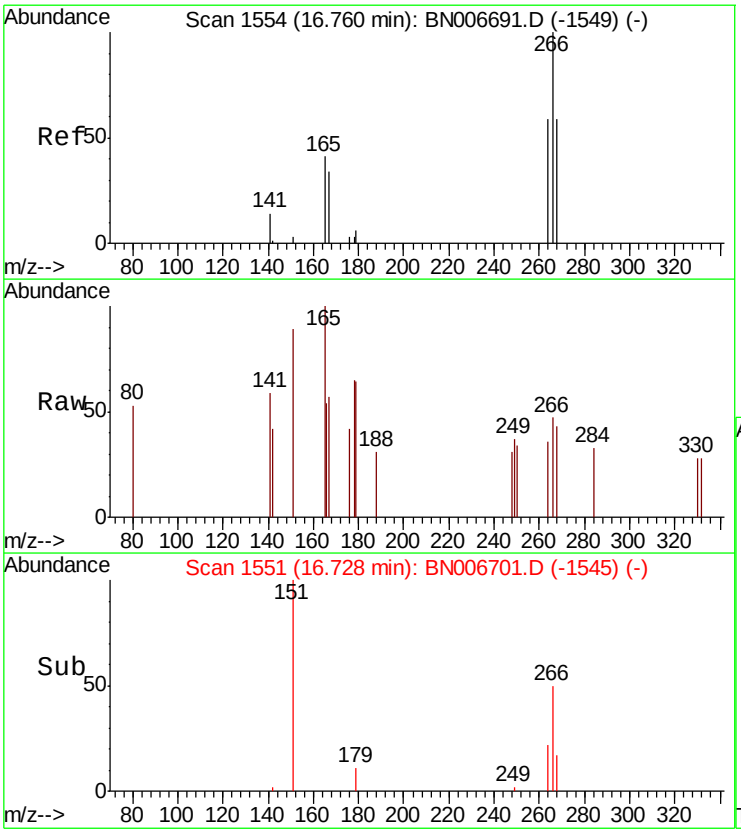
#21
Hexachlorobenzene
Concen: 0.246 ng
RT: 16.33 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:284 Resp: 2882

Ion	Ratio	Lower	Upper
284	100		
142	34.2	26.9	40.3
249	29.9	24.4	36.6

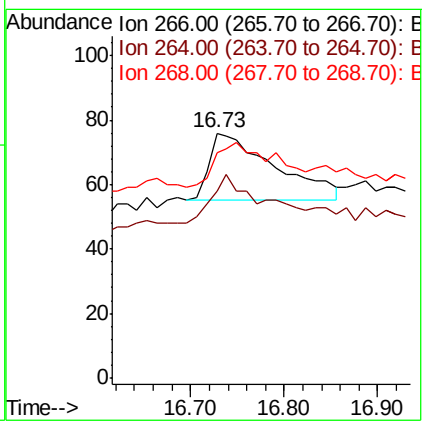


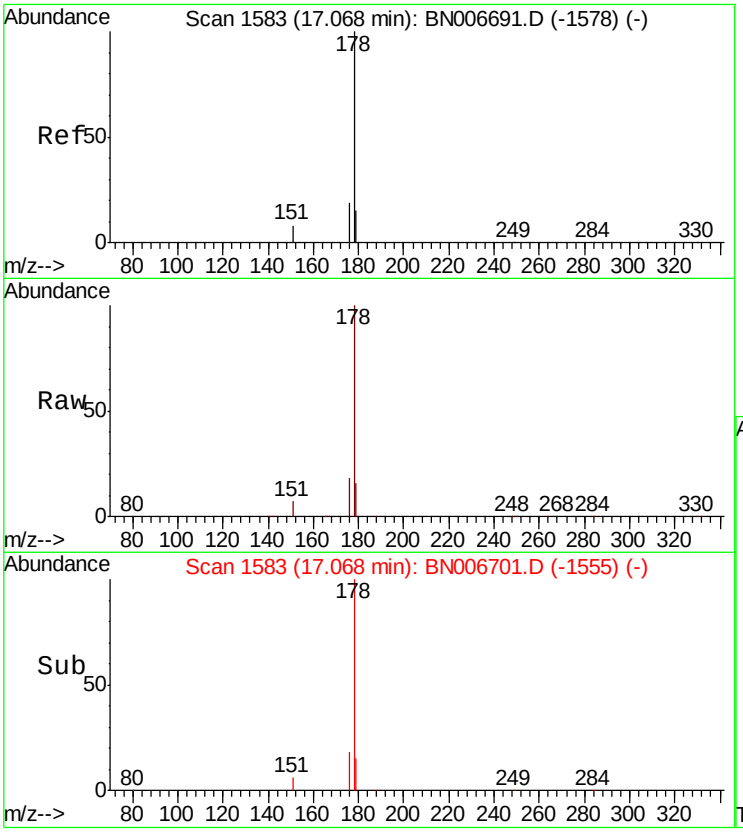


#22
Pentachlorophenol
Concen: 0.259 ng
RT: 16.73 min Scan# 1551
Delta R.T. -0.03 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:266 Resp: 103

Ion	Ratio	Lower	Upper
266	100		
264	76.3	57.6	86.4
268	92.1	66.6	99.8



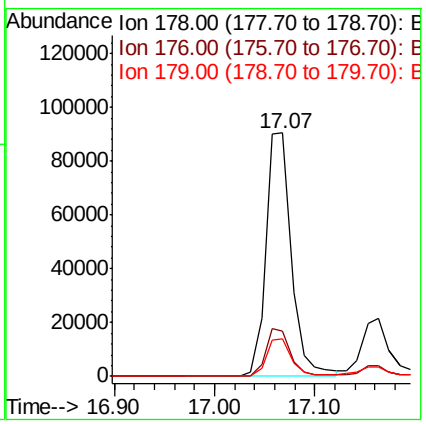


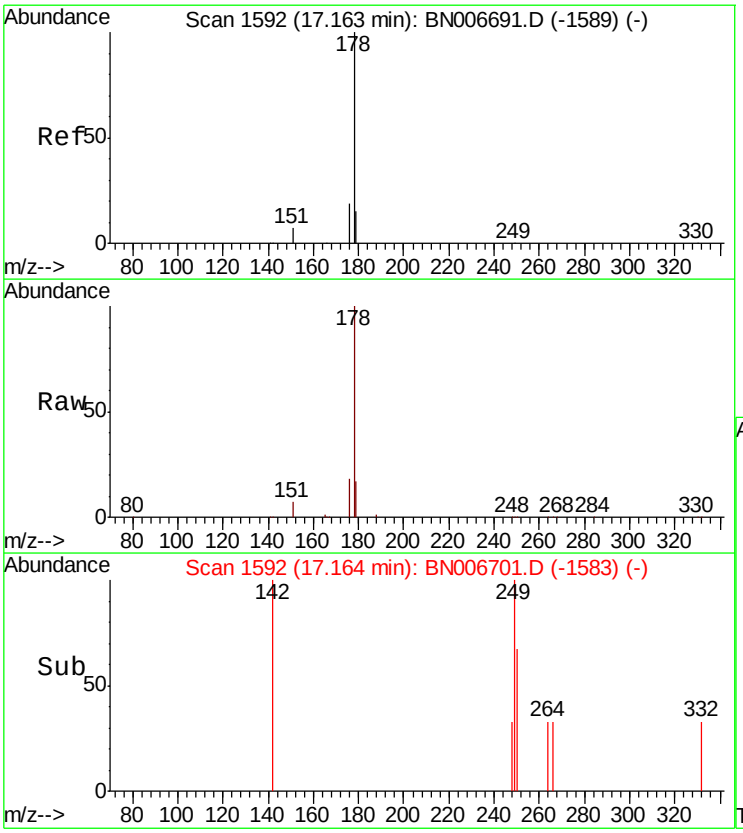
#23
Phenanthrene
Concen: 3.306 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:178 Resp: 159411

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.4	18.6

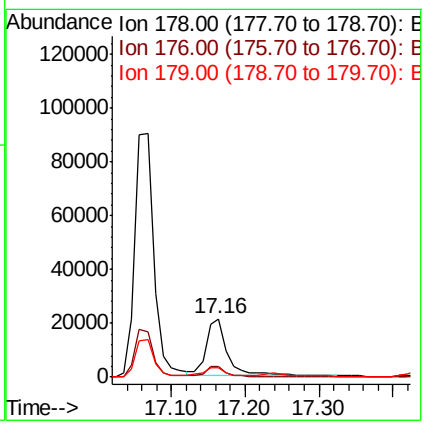


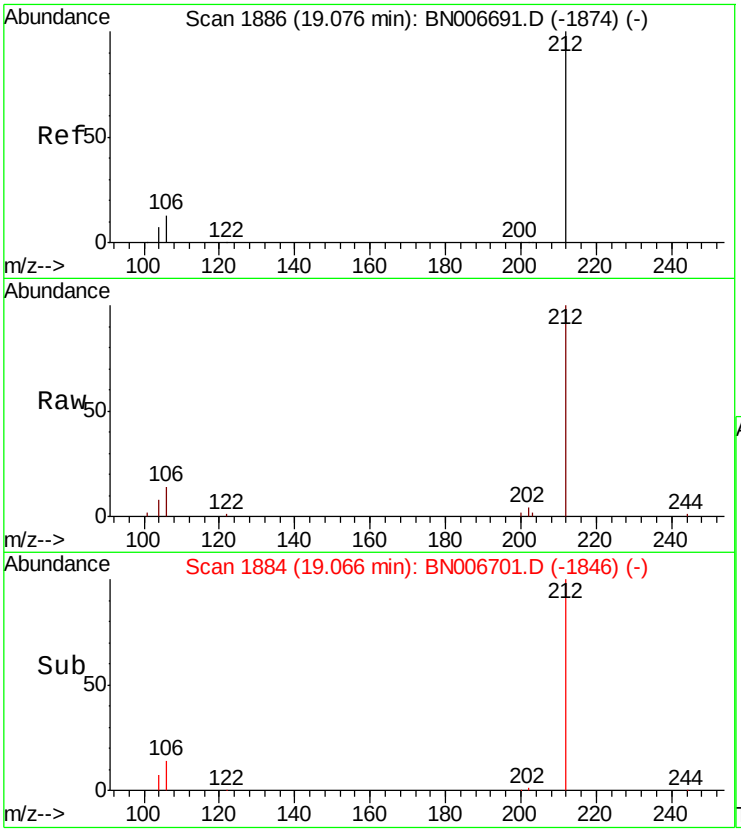


#24
Anthracene
Concen: 0.978 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:178 Resp: 42625

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.8	22.2
179	15.0	11.9	17.9



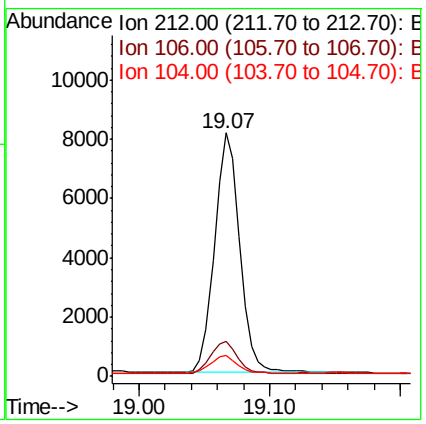


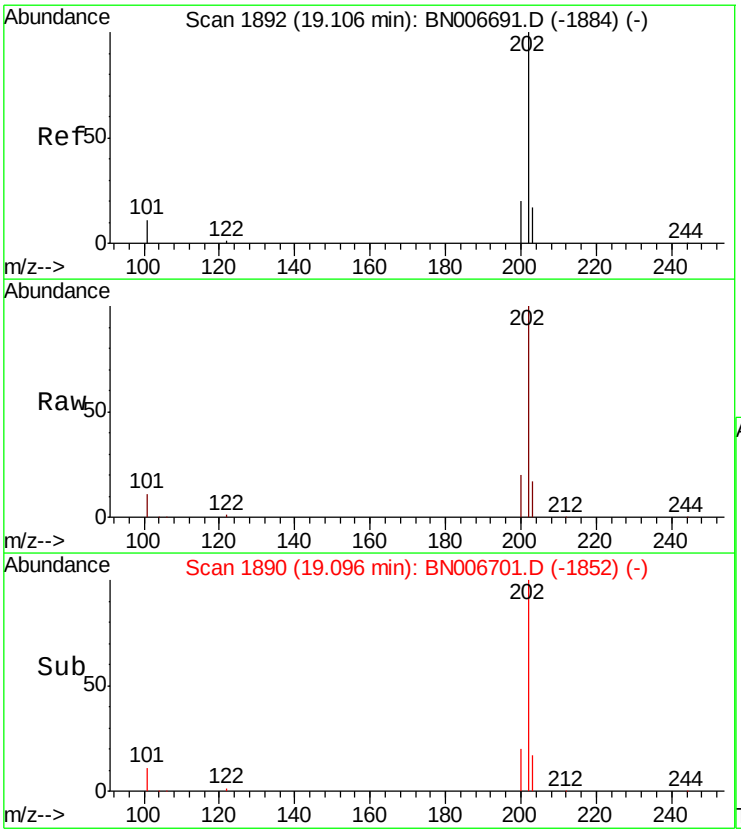
#25
Fluoranthene-d10
Concen: 0.226 ng
RT: 19.07 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:212 Resp: 10798

Ion	Ratio	Lower	Upper
212	100		
106	14.0	11.0	16.6
104	7.5	6.1	9.1

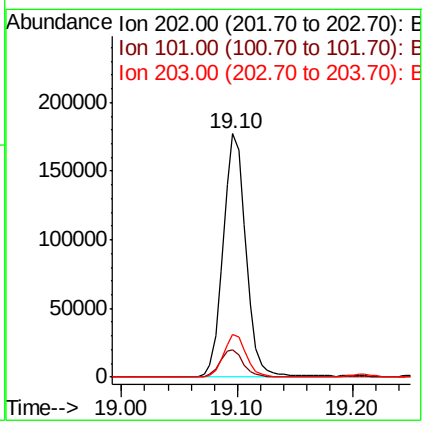


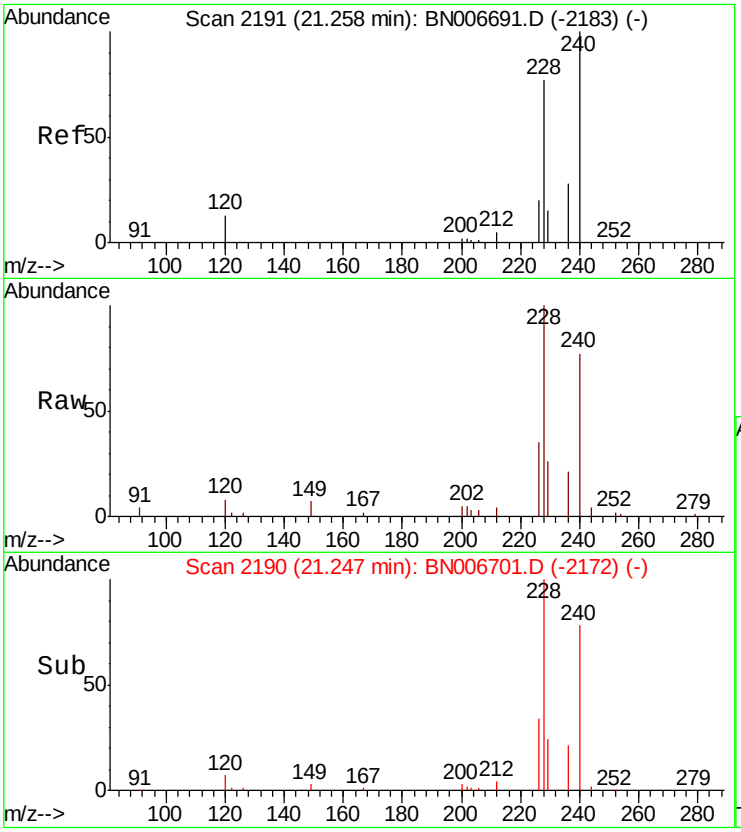


#26
Fluoranthene
Concen: 4.274 ng
RT: 19.10 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:202 Resp: 241993

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.7	13.1
203	17.2	13.8	20.6



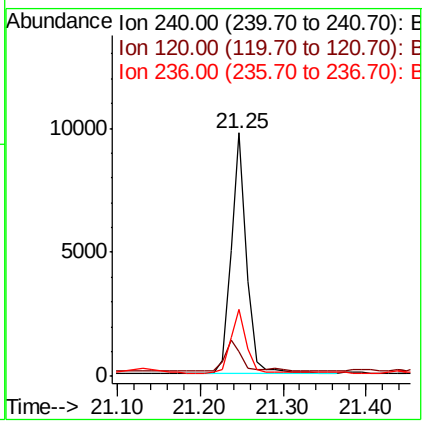


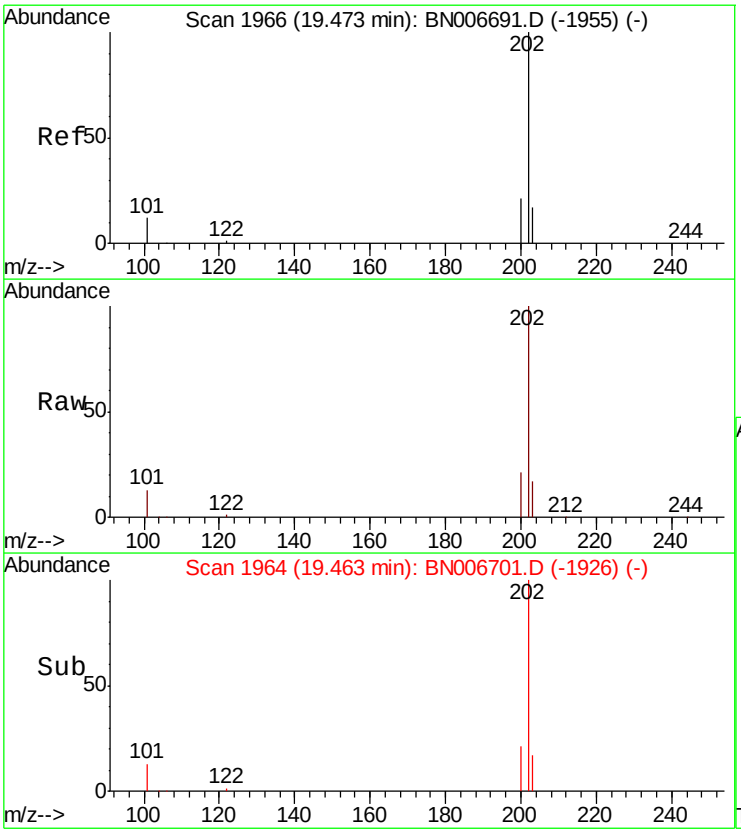
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:240 Resp: 12923

Ion	Ratio	Lower	Upper
240	100		
120	10.3	12.9	19.3#
236	27.7	23.2	34.8

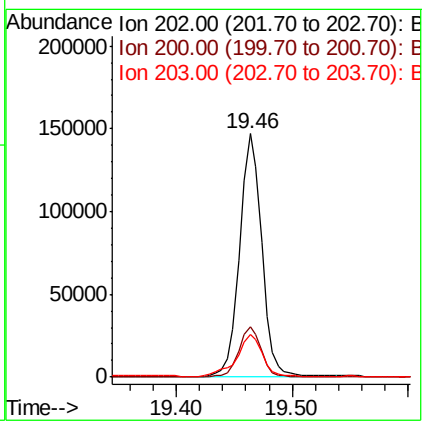


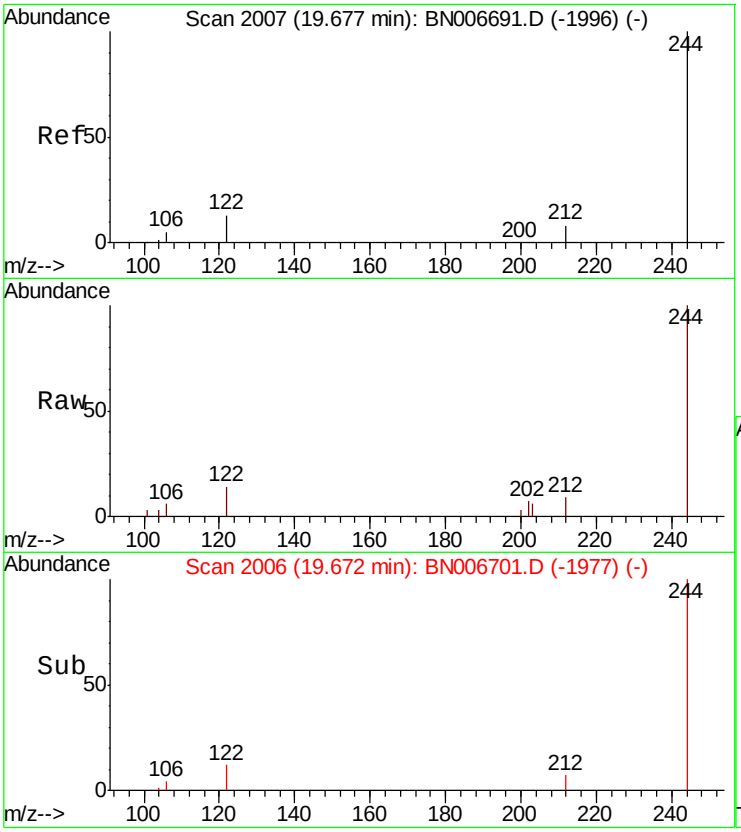


#28
Pyrene
Concen: 3.799 ng
RT: 19.46 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:202 Resp: 196478

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	19.8	14.2	21.2



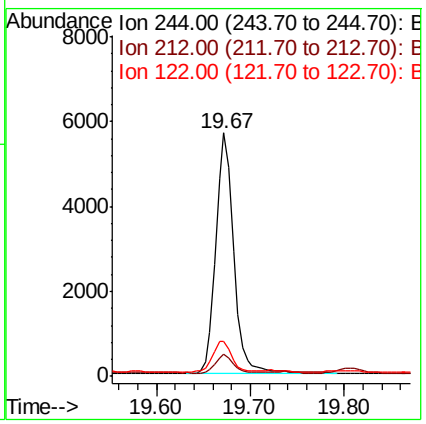


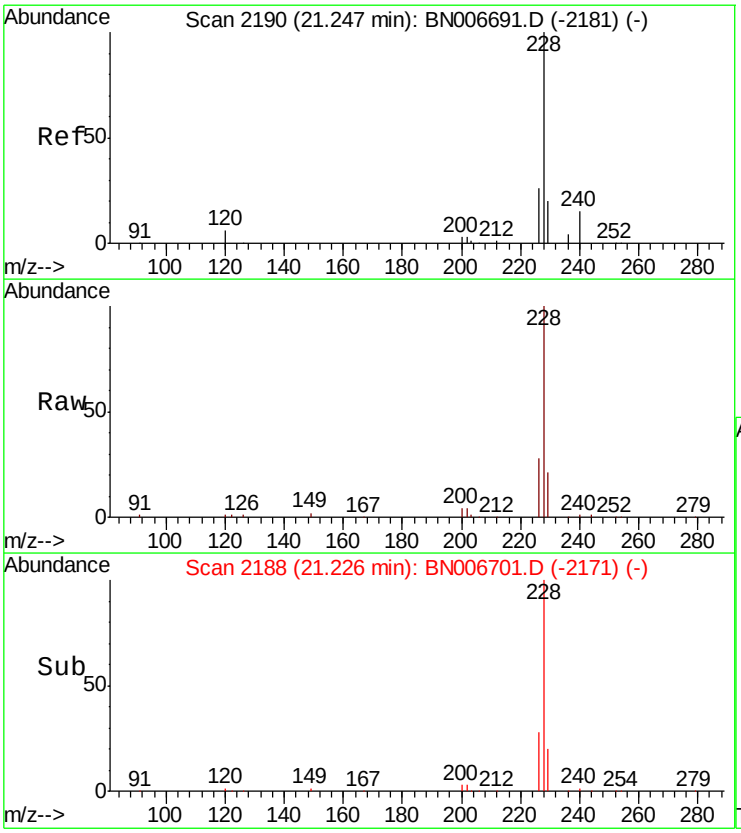
#29
Terphenyl-d14
Concen: 0.255 ng
RT: 19.67 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:244 Resp: 7586

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	14.3	11.5	17.3

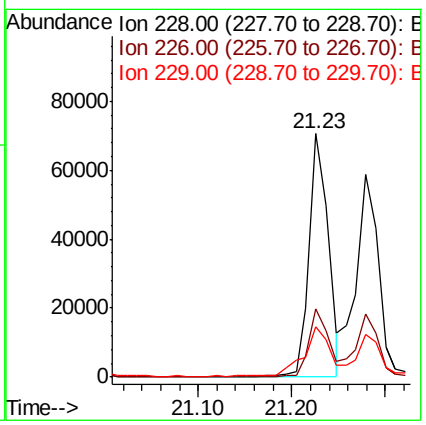


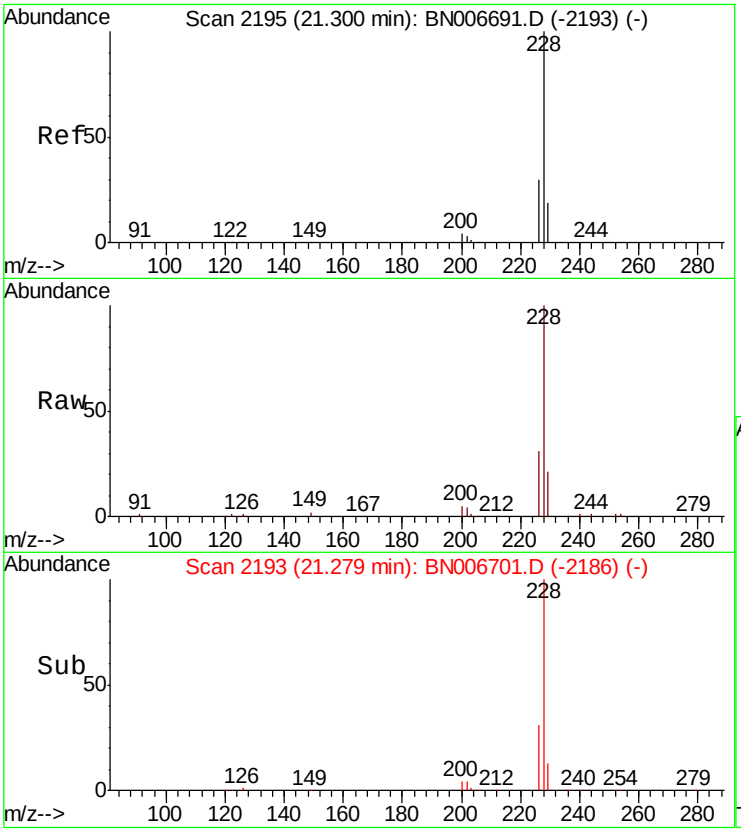


#30
Benzo(a)anthracene
Concen: 2.222 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:228 Resp: 99016

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.5	32.3
229	20.6	16.2	24.4



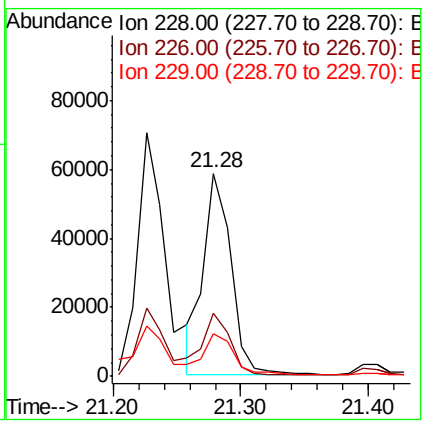


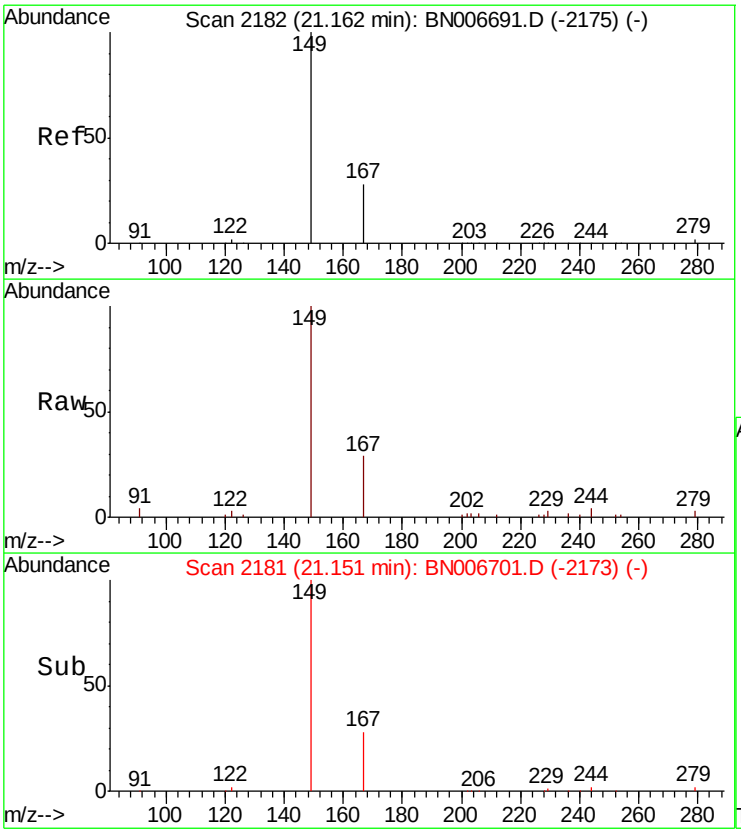
#31
Chrysene
Concen: 1.886 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:228 Resp: 86660

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	20.9	15.8	23.6

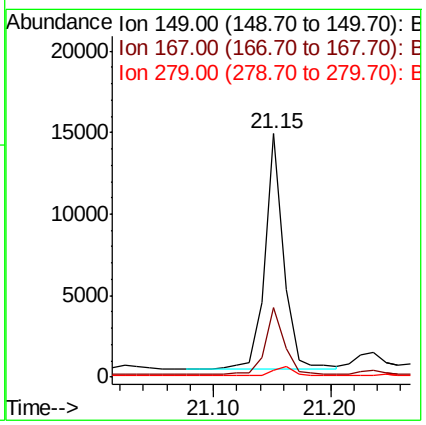


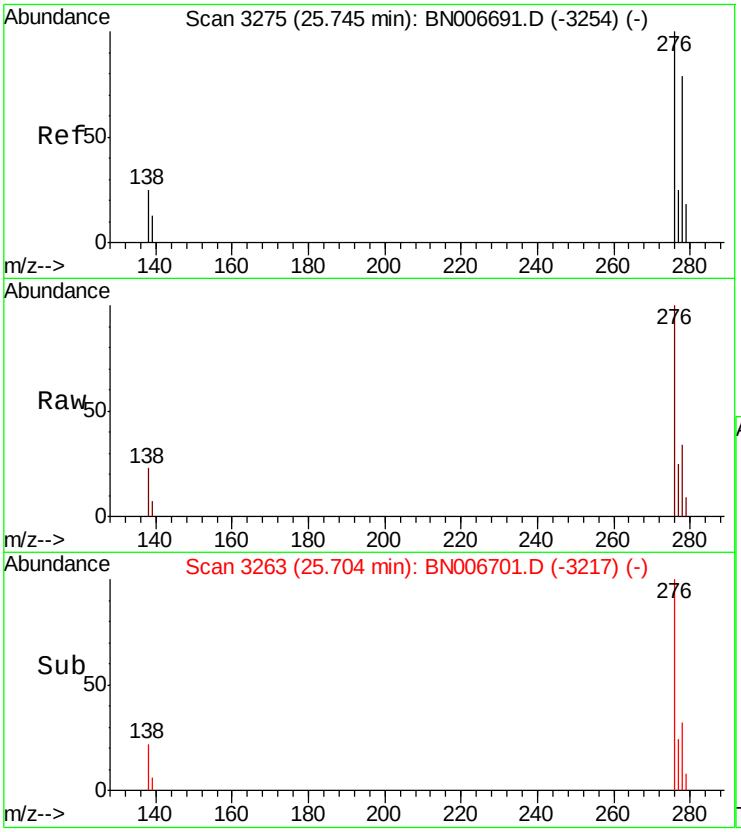


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.120 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:149 Resp: 16017

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.9	34.3
279	4.4	3.2	4.8



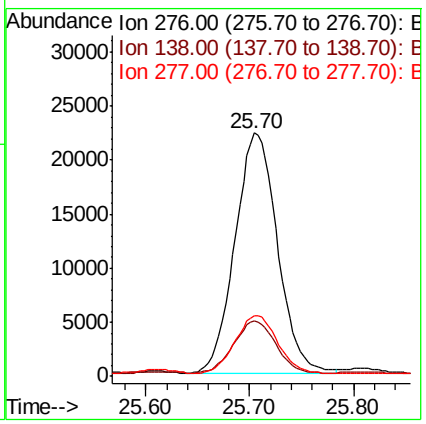


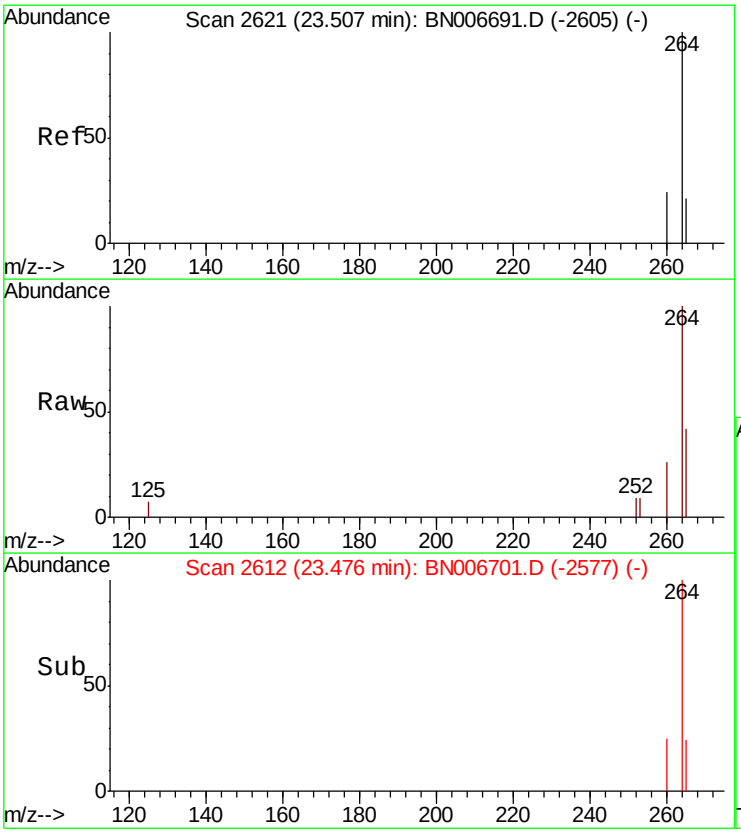
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.148 ng
RT: 25.70 min Scan# 3263
Delta R.T. -0.04 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:276 Resp: 63070

Ion	Ratio	Lower	Upper
276	100		
138	22.0	19.5	29.3
277	23.7	19.7	29.5

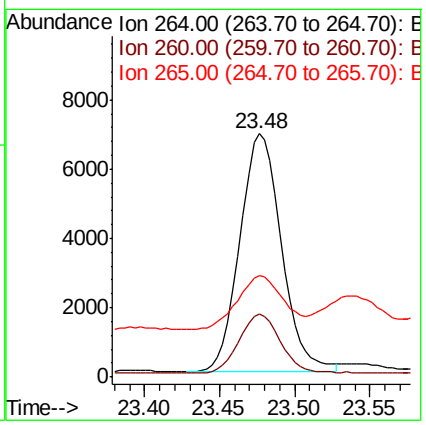


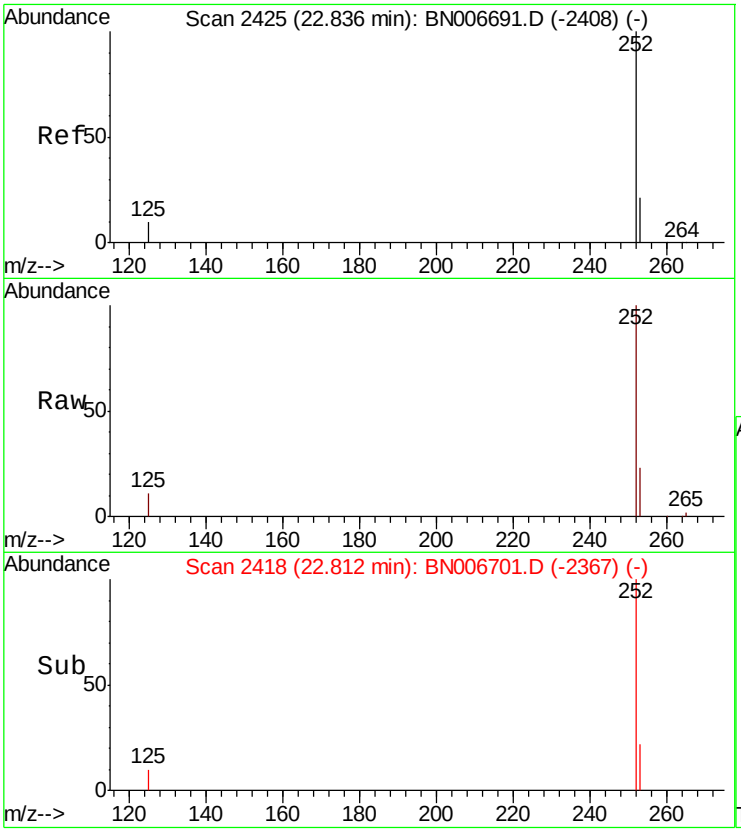


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2612
Delta R.T. -0.03 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:264 Resp: 13114

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.2	30.2
265	41.7	33.7	50.5



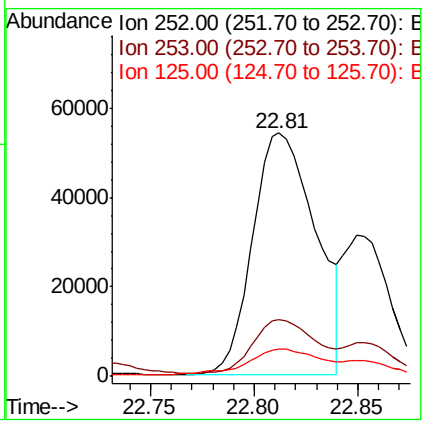


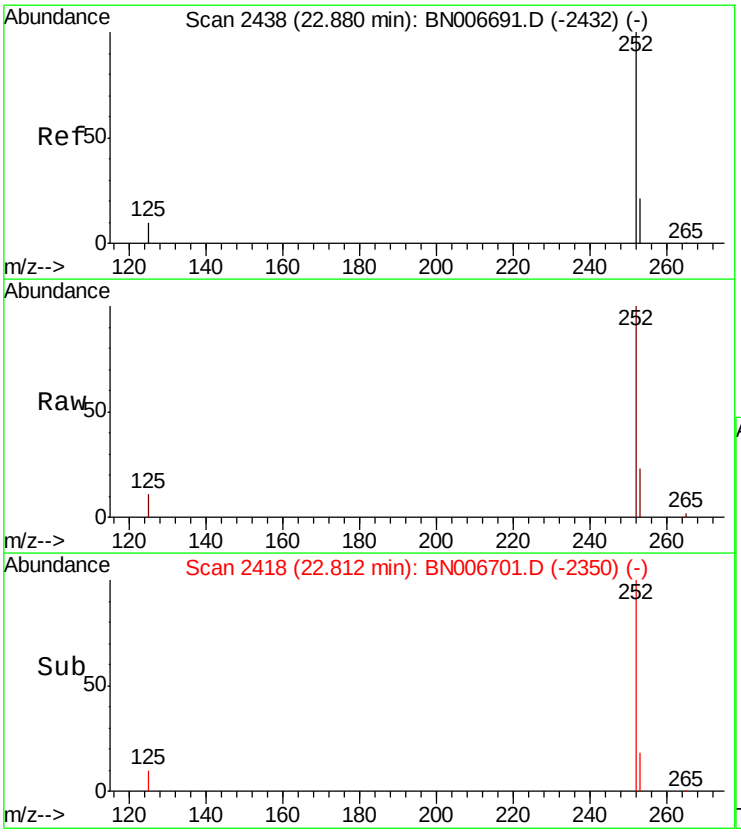
#35
Benzo(b)fluoranthene
Concen: 2.705 ng
RT: 22.81 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:252 Resp: 113865

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.2	30.2
125	11.0	11.5	17.3#

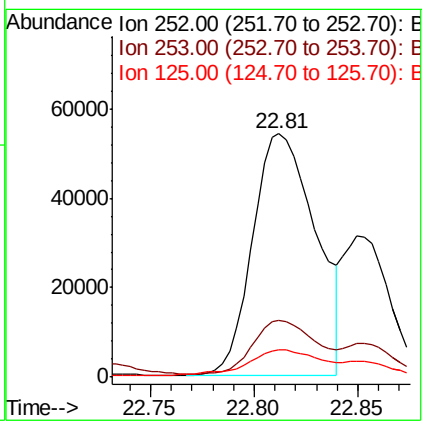


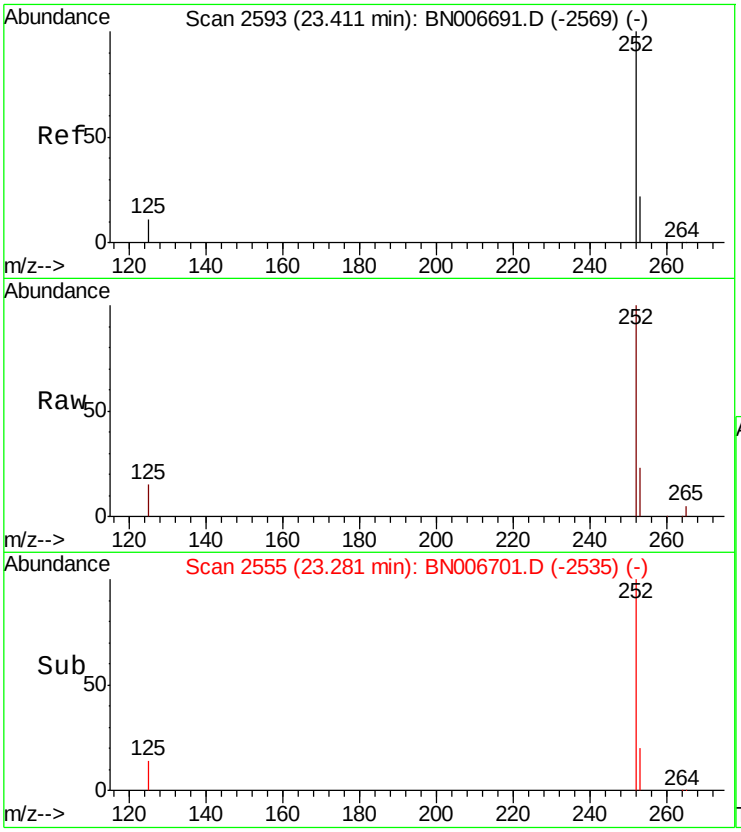


#36
Benzo(k)fluoranthene
Concen: 2.495 ng
RT: 22.81 min Scan# 2418
Delta R.T. -0.07 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:252 Resp: 113865

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.1	30.1
125	11.0	11.4	17.0#



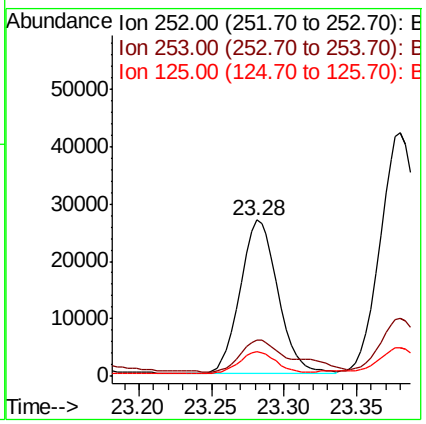


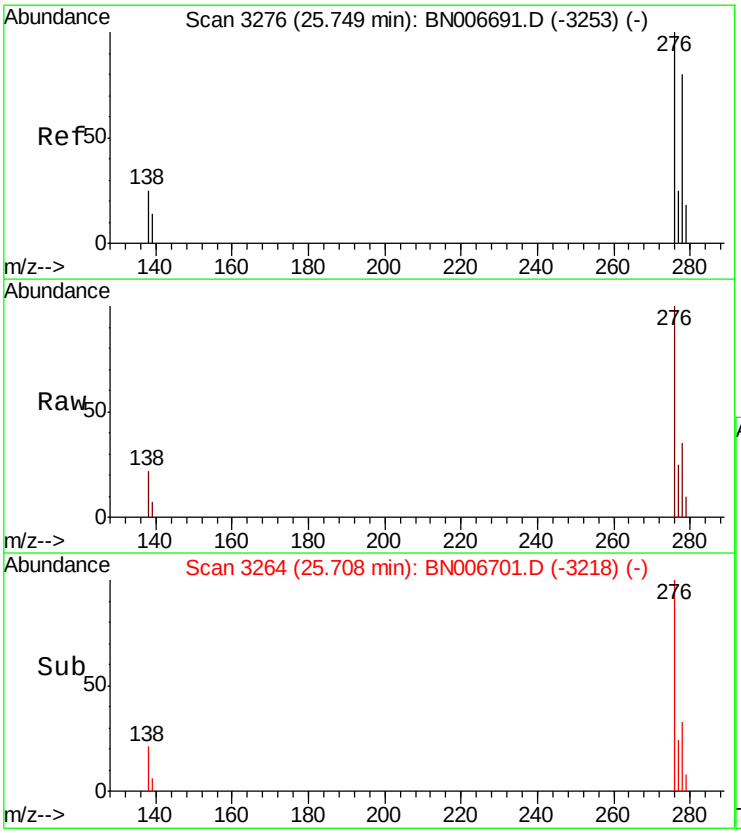
#37
Benzo(a)pyrene
Concen: 1.190 ng
RT: 23.28 min Scan# 2555
Delta R.T. -0.13 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:252 Resp: 48506

Ion	Ratio	Lower	Upper
252	100		
253	23.5	21.4	32.2
125	15.5	13.3	19.9

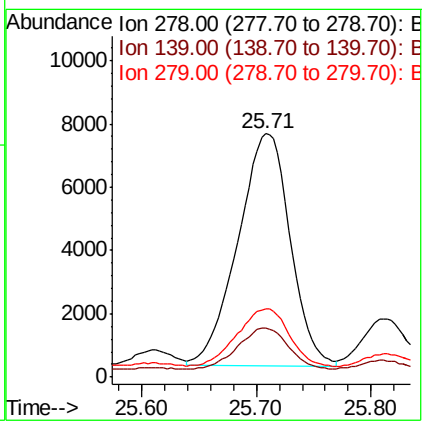


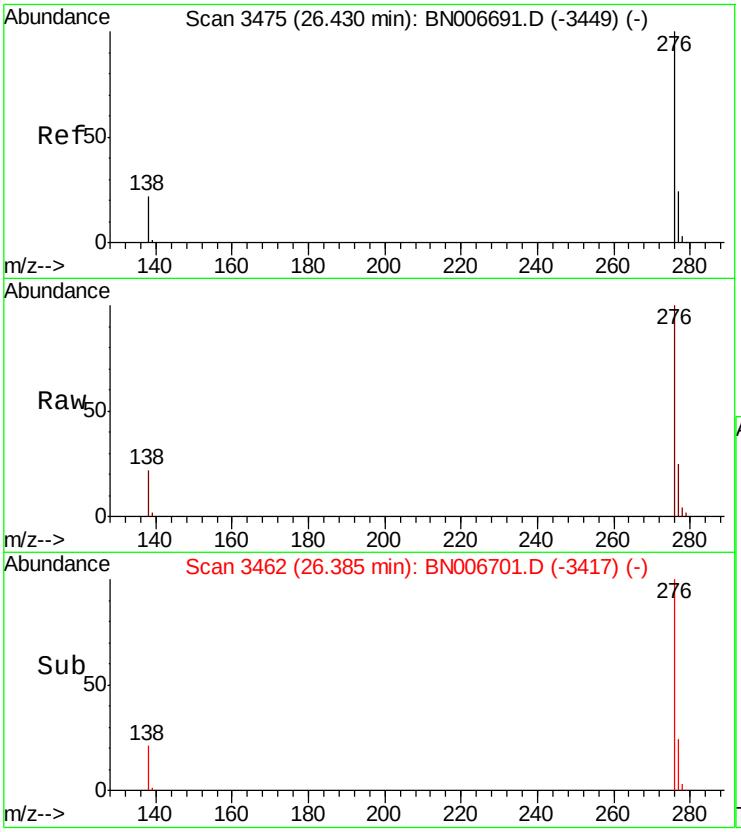


#38
Dibenzo(a,h)anthracene
Concen: 0.576 ng
RT: 25.71 min Scan# 3264
Delta R.T. -0.04 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Tgt Ion:278 Resp: 23337

Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.2	24.4
279	28.0	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 1.441 ng
RT: 26.39 min Scan# 3462
Delta R.T. -0.04 min
Lab File: BN006701.D
Acq: 02 Jul 2019 20:37

Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MS

Tgt Ion:276 Resp: 60065

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.6	30.8
138	22.1	19.7	29.5