Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006715.D
Acq On : 05 Jul 2019 14:49
Operator : HP/JU
Sample : K3560-12MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-009-B218-062419MS

Quant Time: Jul 05 22:50:28 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	7.59	152	3312	0.40	ng	-0.03
7) Naphthalene-d8	10.36	136	12721	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	7166	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	16000	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	15551	0.40	ng	-0.03
34) Perylene-d12	23.46	264	18458	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	3336	0.37	ng	-0.02
5) Phenol-d6	6.78	99	4818	0.42	ng	-0.05
8) Nitrobenzene-d5	8.75	82	3446	0.35	ng	-0.04
11) 2-Methylnaphthalene-d10	11.97	152	9023	0.47	ng	-0.02
14) 2,4,6-Tribromophenol	15.76	330	1374	0.39	ng	-0.03
15) 2-Fluorobiphenyl	12.86	172	9685	0.35	ng	-0.02
25) Fluoranthene-d10	19.05	212	16369	0.36	ng	-0.02
29) Terphenyl-d14	19.66	244	11653	0.33	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	1548	0.299	ng	# 37
3) n-Nitrosodimethylamine	3.44	42	1745	0.447	ng	# 93
6) bis(2-Chloroethyl)ether	7.02	93	3701	0.385	ng	95
9) Naphthalene	10.41	128	13710	0.394	ng	100
10) Hexachlorobutadiene	10.69	225	2523	0.358	ng	# 99
12) 2-Methylnaphthalene	12.04	142	9096	0.368	ng	98
16) Acenaphthylene	13.96	152	14214	0.398	ng	99
17) Acenaphthene	14.30	154	8745	0.384	ng	98
18) Fluorene	15.30	166	11030	0.390	ng	100
20) 4-Bromophenyl-phenylether	16.20	248	3649	0.387	ng	95
21) Hexachlorobenzene	16.31	284	4096	0.365	ng	98
22) Pentachlorophenol	16.70	266	737	0.581	ng	91
23) Phenanthrene	17.05	178	18511	0.401	ng	100
24) Anthracene	17.14	178	15675	0.376	ng	99
26) Fluoranthene	19.08	202	22665	0.419	ng	99
28) Pyrene	19.45	202	24319	0.391	ng	100
30) Benzo(a)anthracene	21.21	228	20448	0.381	ng	99
31) Chrysene	21.27	228	21893	0.396	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	15614	0.098	ng	100
33) Indeno(1,2,3-cd)pyrene	25.68	276	27495	0.416	ng	98
35) Benzo(b)fluoranthene	22.79	252	21997	0.371	ng	98
36) Benzo(k)fluoranthene	22.83	252	23325	0.363	ng	99
37) Benzo(a)pyrene	23.36	252	22398	0.390	ng	96
38) Dibenzo(a,h)anthracene	25.68	278	22200	0.389	ng	98
39) Benzo(g,h,i)perylene	26.36	276	24009	0.409	ng	96

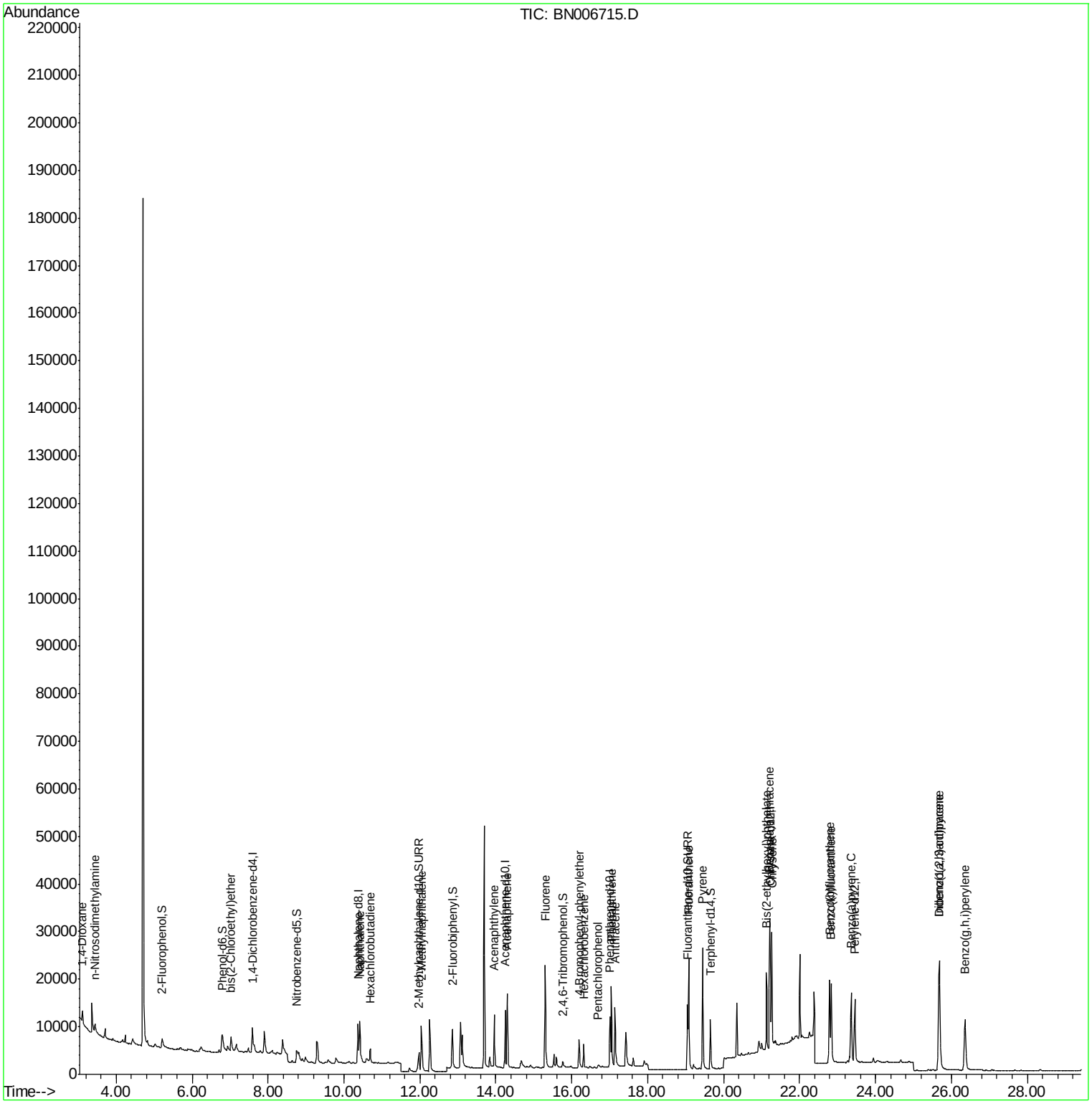
(#) = qualifier out of range (m) = manual integration (+) = signals summed

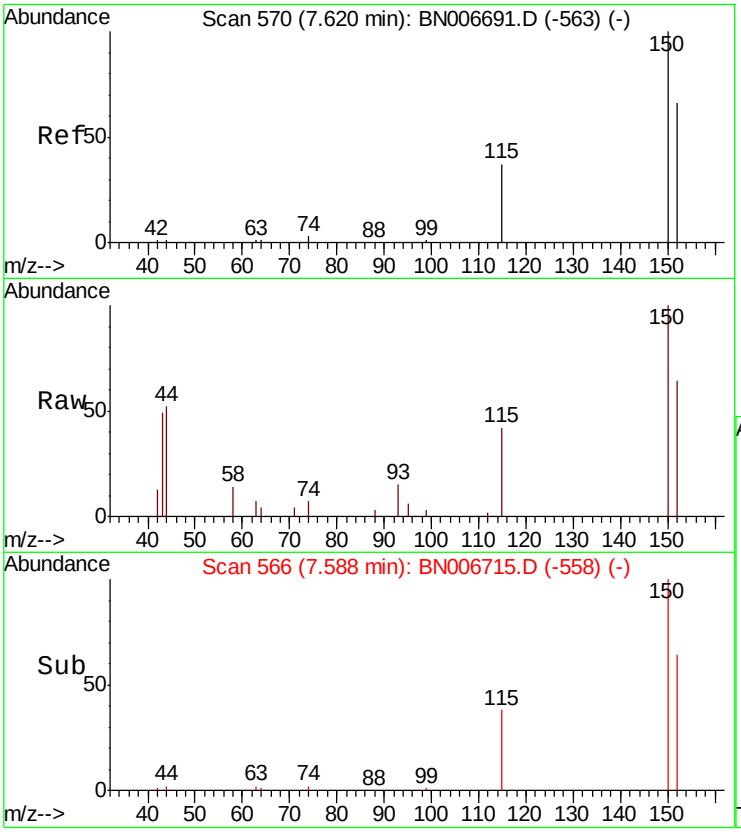
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006715.D
Acq On : 05 Jul 2019 14:49
Operator : HP/JU
Sample : K3560-12MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Quant Time: Jul 05 22:50:28 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



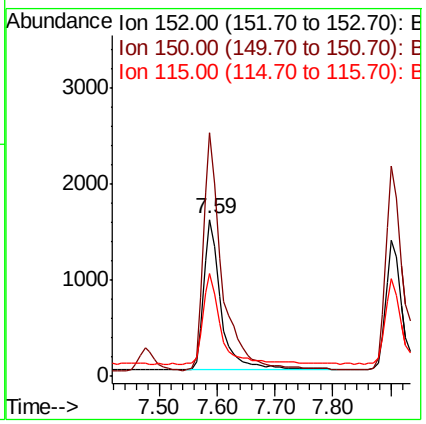


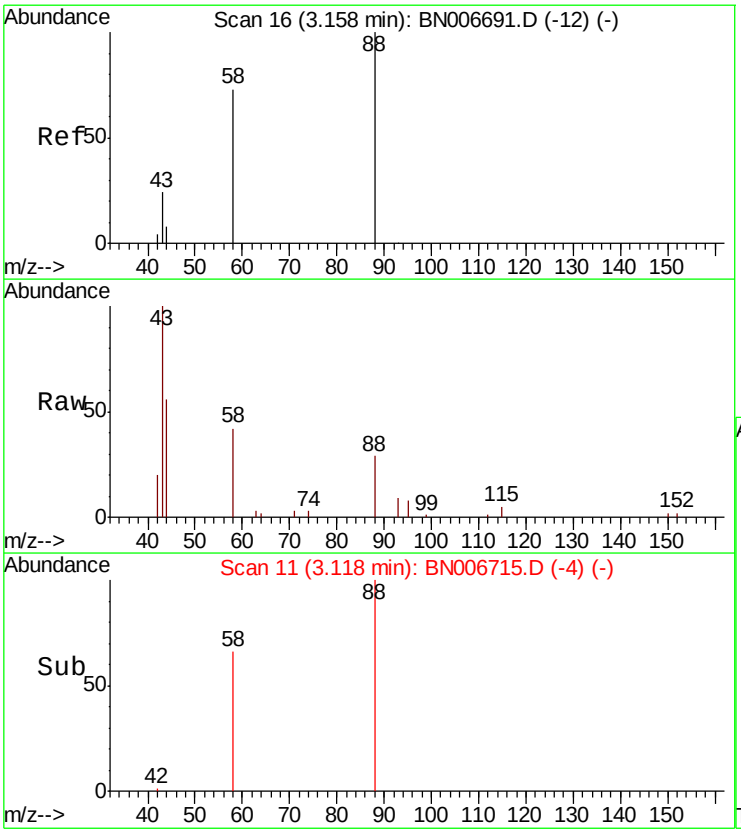
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:152 Resp: 3312

Ion	Ratio	Lower	Upper
152	100		
150	155.2	120.6	181.0
115	65.3	51.0	76.6

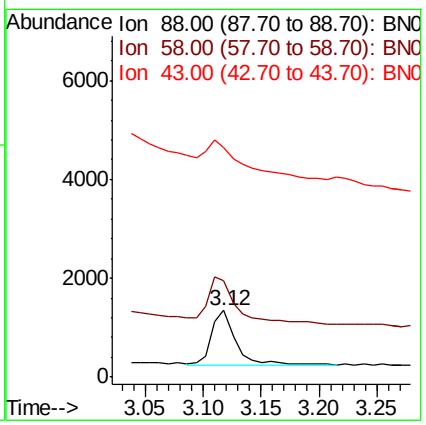


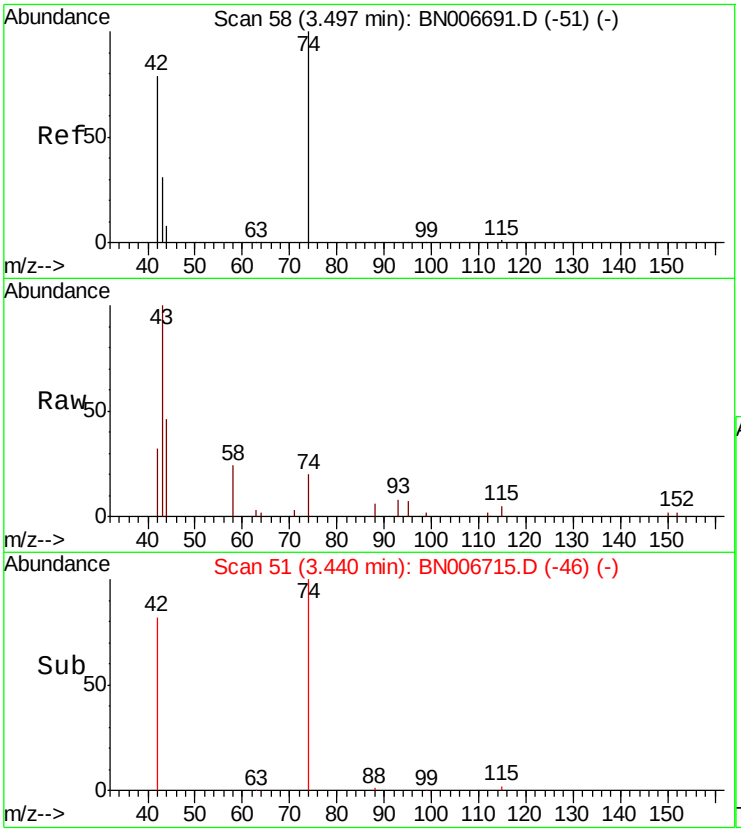


#2
1,4-Dioxane
Concen: 0.299 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion: 88 Resp: 1548

Ion	Ratio	Lower	Upper
88	100		
58	108.9	61.1	91.7#
43	108.9	32.4	48.6#



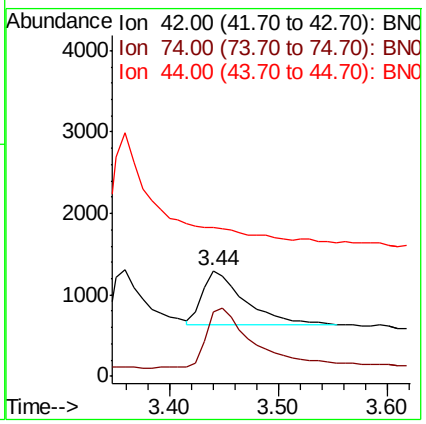


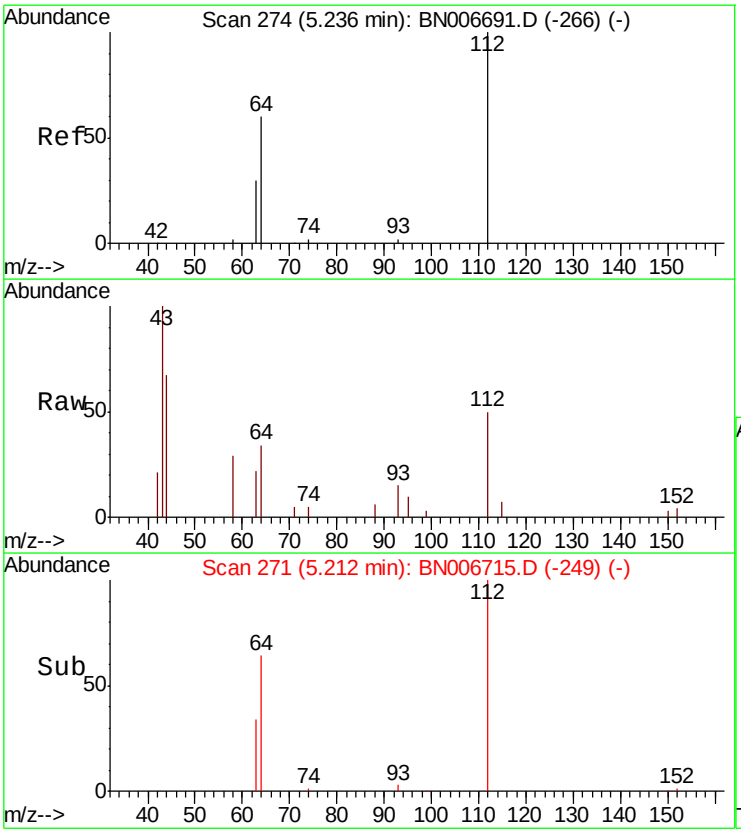
#3
n-Nitrosodimethylamine
Concen: 0.447 ng
RT: 3.44 min Scan# 51
Delta R.T. -0.06 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion: 42 Resp: 1745

Ion	Ratio	Lower	Upper
42	100		
74	126.2	106.6	160.0
44	0.0	8.0	12.0#

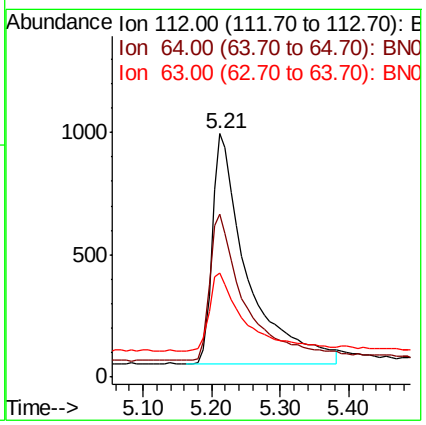


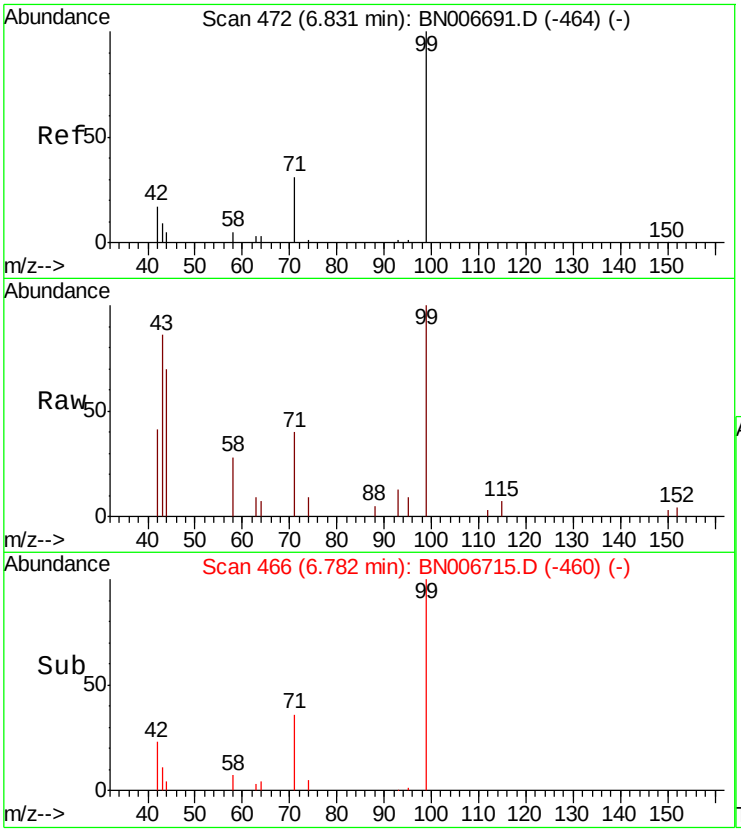


#4
2-Fluorophenol
Concen: 0.371 ng
RT: 5.21 min Scan# 271
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:112 Resp: 3336

Ion	Ratio	Lower	Upper
112	100		
64	64.3	49.8	74.6
63	34.4	25.8	38.6



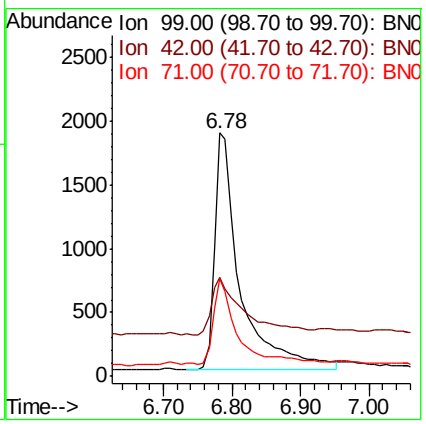


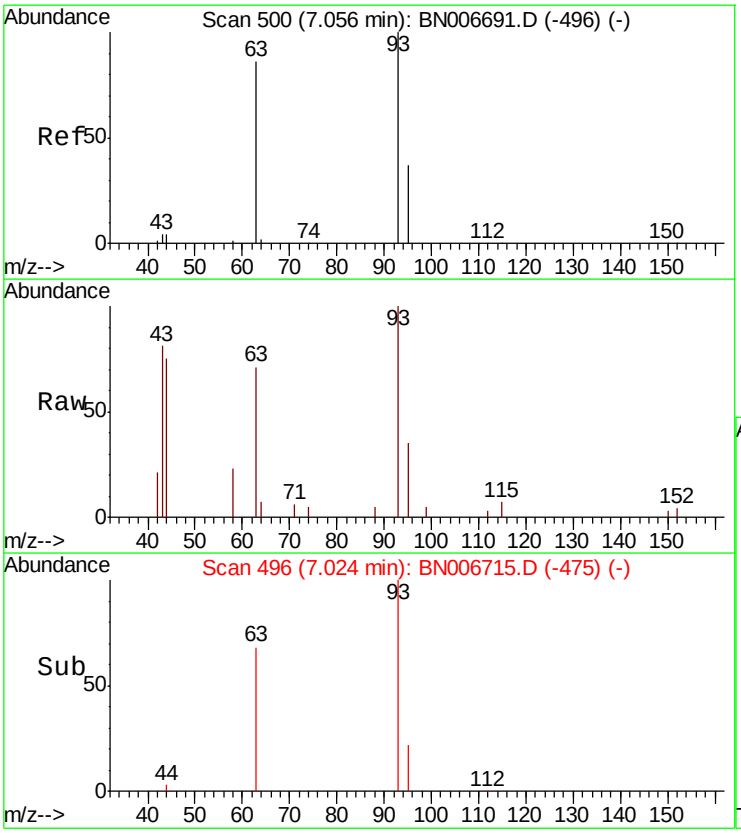
#5
Phenol-d6
Concen: 0.423 ng
RT: 6.78 min Scan# 466
Delta R.T. -0.05 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion: 99 Resp: 4818

Ion	Ratio	Lower	Upper
99	100		
42	30.9	16.6	25.0#
71	33.8	26.0	39.0

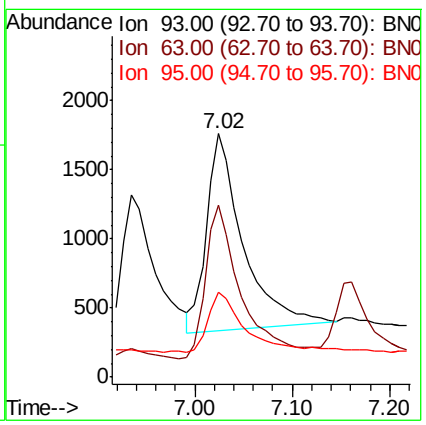


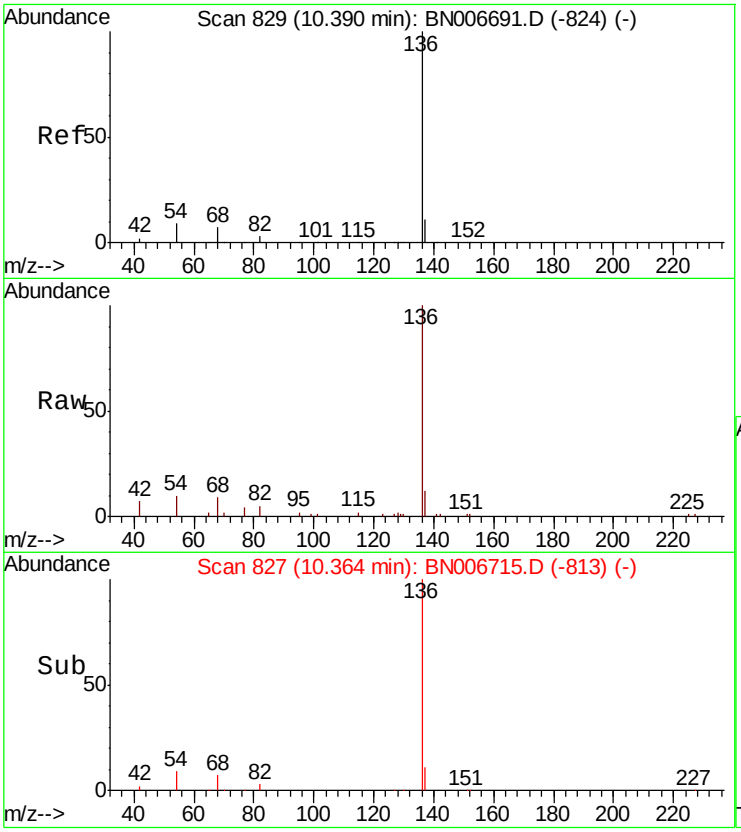


#6
bis(2-Chloroethyl)ether
Concen: 0.385 ng
RT: 7.02 min Scan# 496
Delta R.T. -0.03 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion: 93 Resp: 3701

Ion	Ratio	Lower	Upper
93	100		
63	77.9	58.6	87.8
95	32.8	28.3	42.5



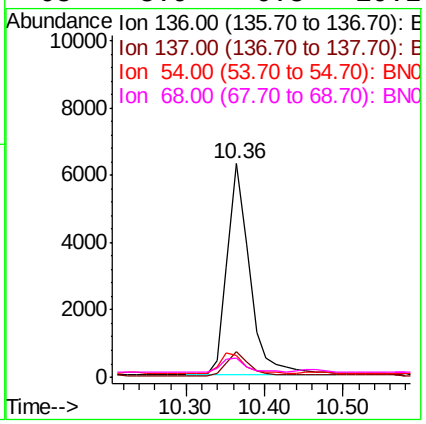


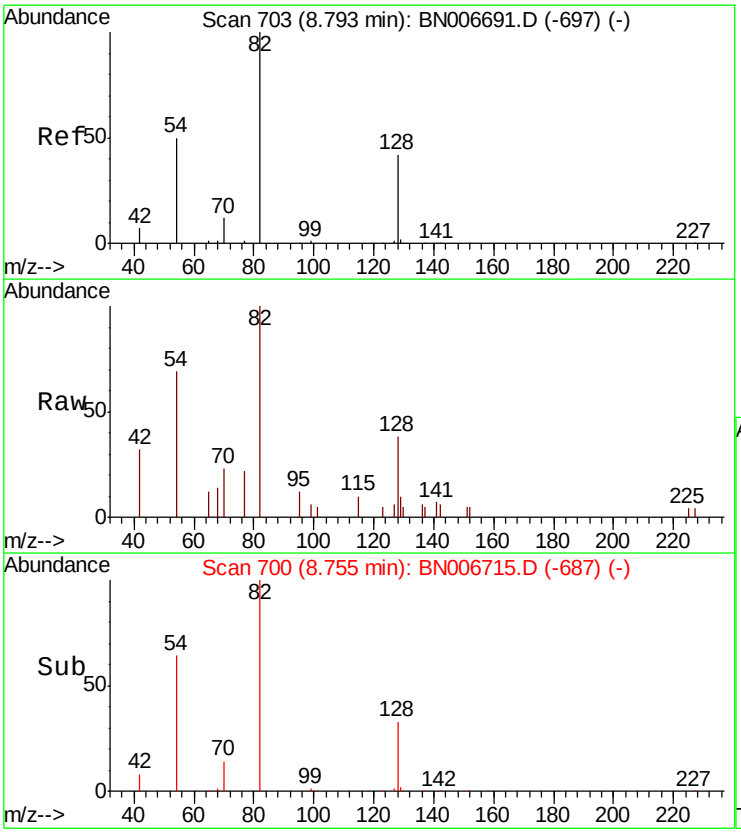
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. -0.03 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:136 Resp: 12721

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	10.4	8.4	12.6
68	8.9	6.8	10.2

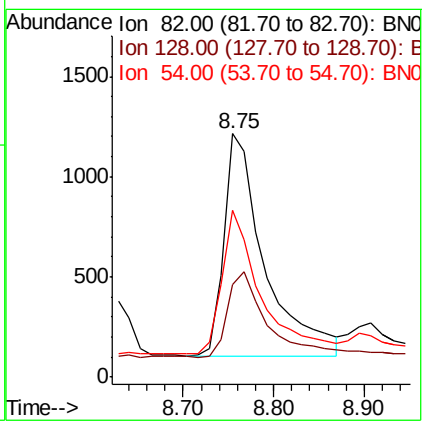


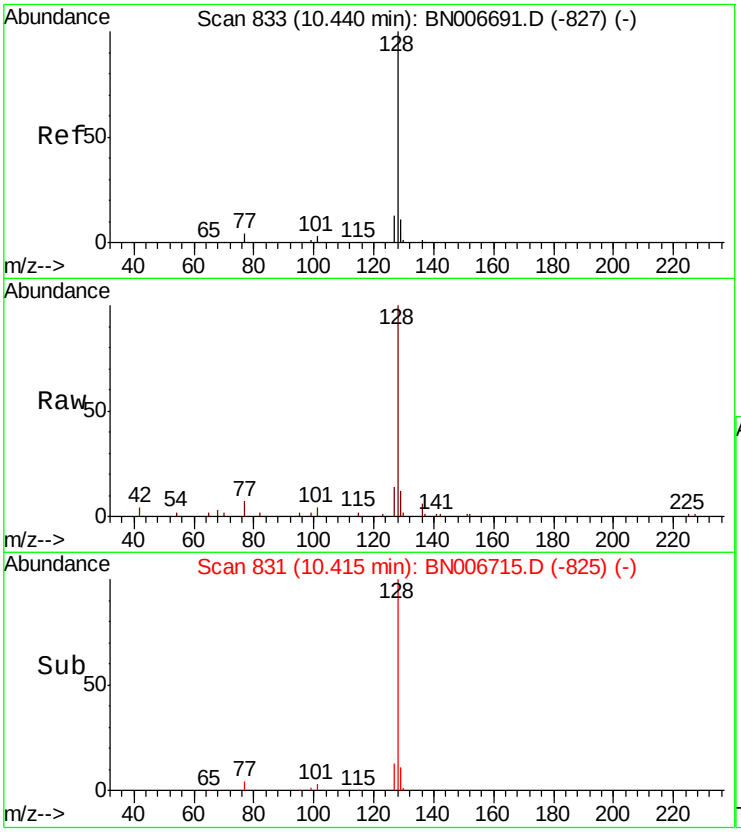


#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 8.75 min Scan# 700
Delta R.T. -0.04 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion: 82 Resp: 3446

Ion	Ratio	Lower	Upper
82	100		
128	38.1	36.1	54.1
54	68.6	44.5	66.7#



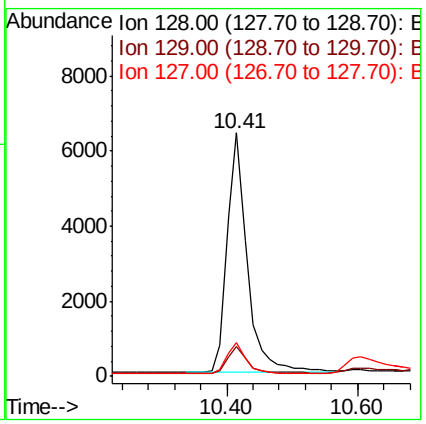


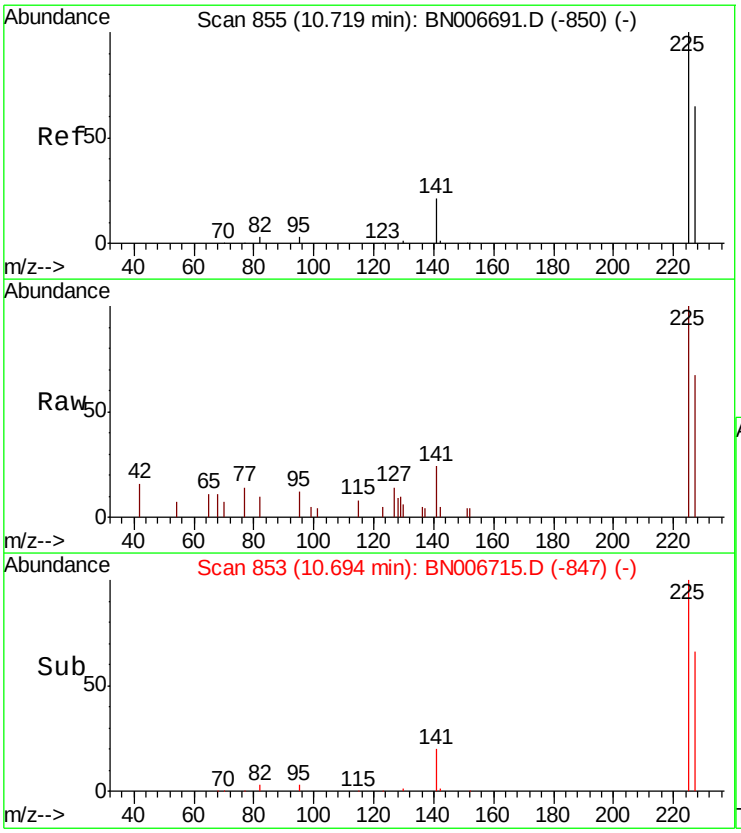
#9
Naphthalene
Concen: 0.394 ng
RT: 10.41 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:128 Resp: 13710

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.6	14.4
127	13.6	11.0	16.4

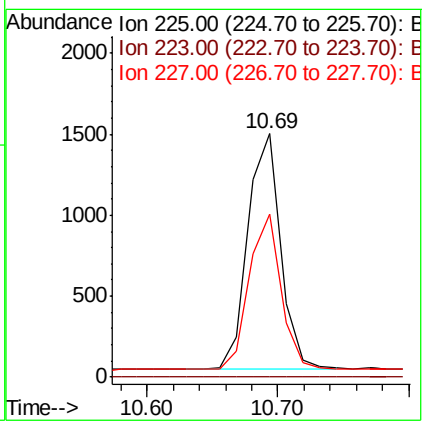


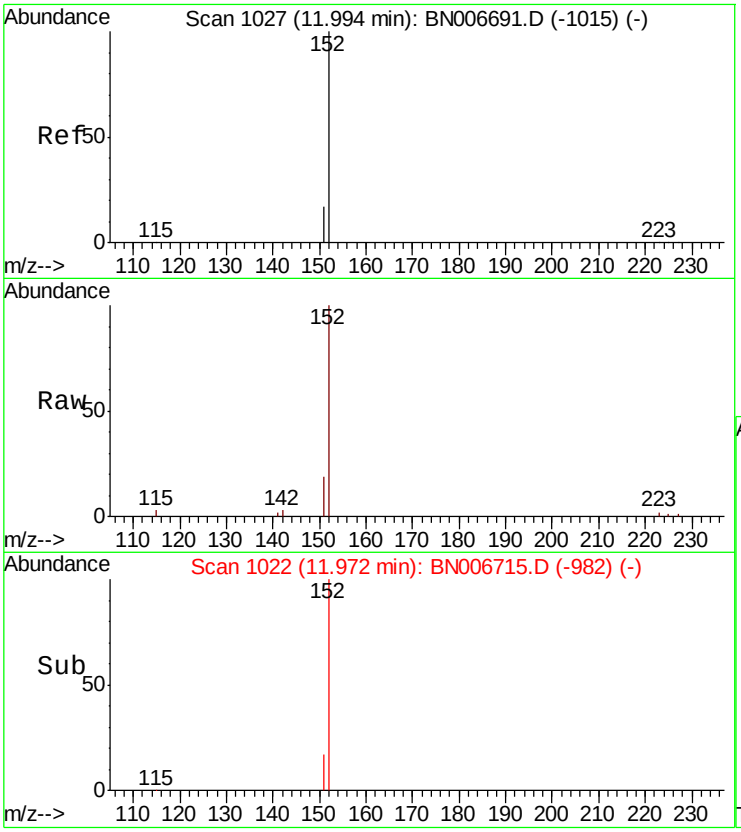


#10
Hexachlorobutadiene
Concen: 0.358 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:225 Resp: 2523

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	50.9	76.3



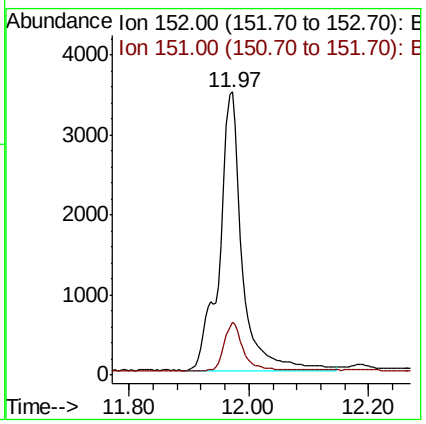


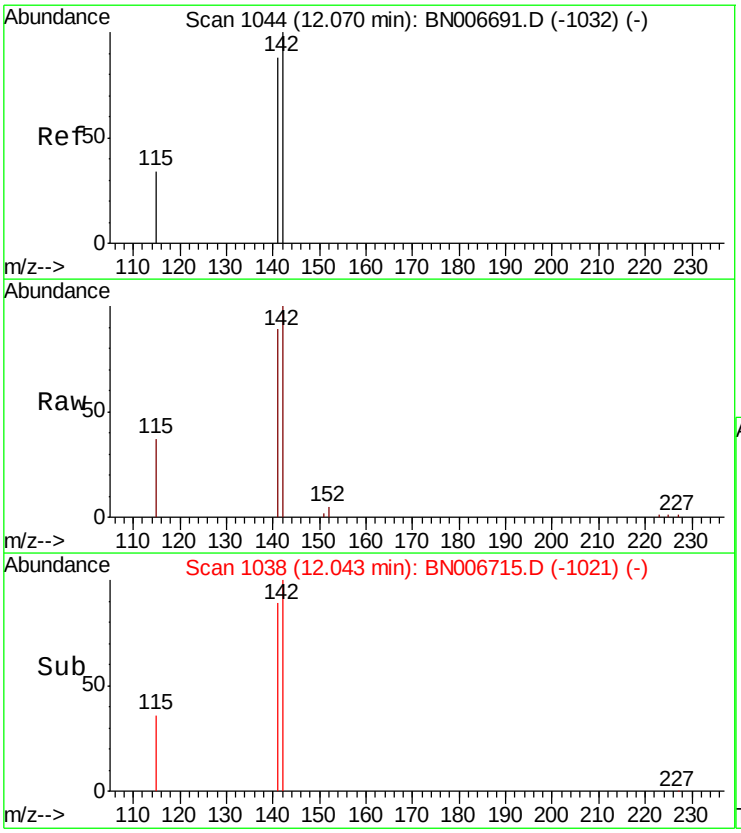
#11
2-Methylnaphthalene-d10
Concen: 0.472 ng
RT: 11.97 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:152 Resp: 9023

Ion	Ratio	Lower	Upper
152	100		
151	14.9	14.9	22.3#

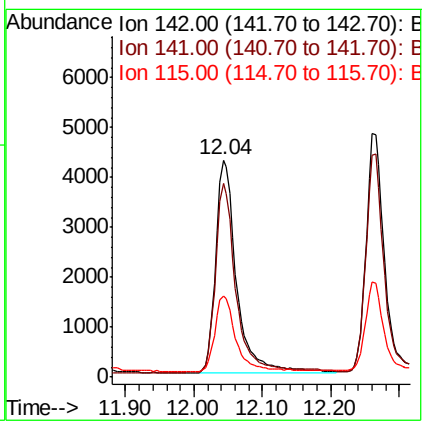


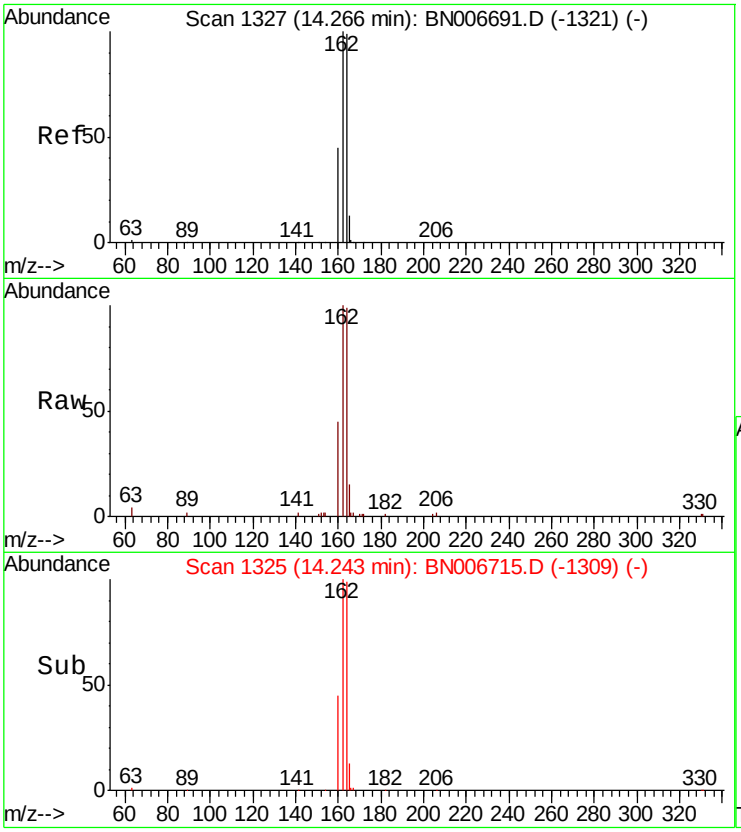


#12
2-Methylnaphthalene
Concen: 0.368 ng
RT: 12.04 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:142 Resp: 9096

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	37.5	28.9	43.3



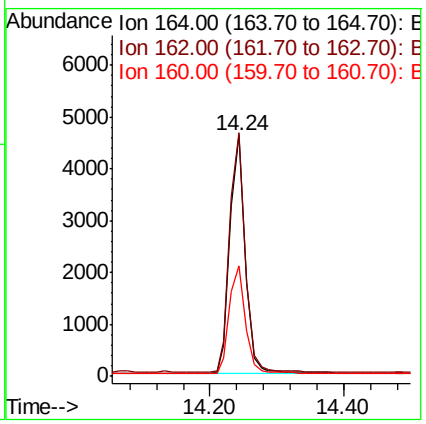


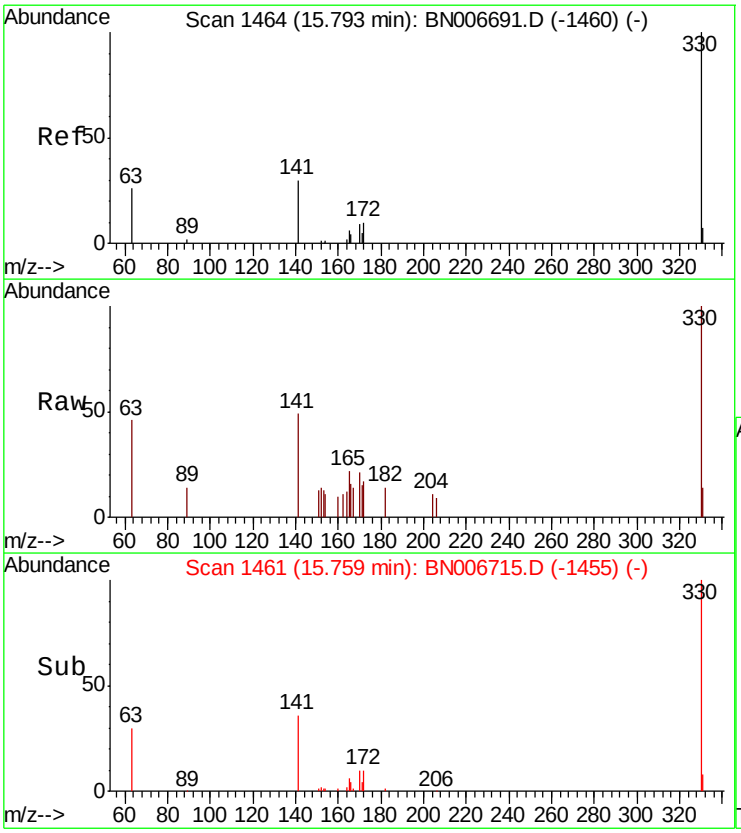
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:164 Resp: 7166

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.8	121.2
160	45.9	37.0	55.6

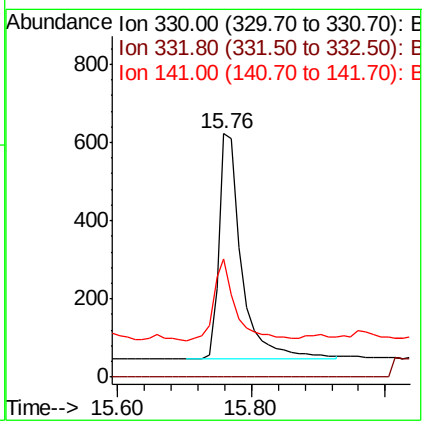


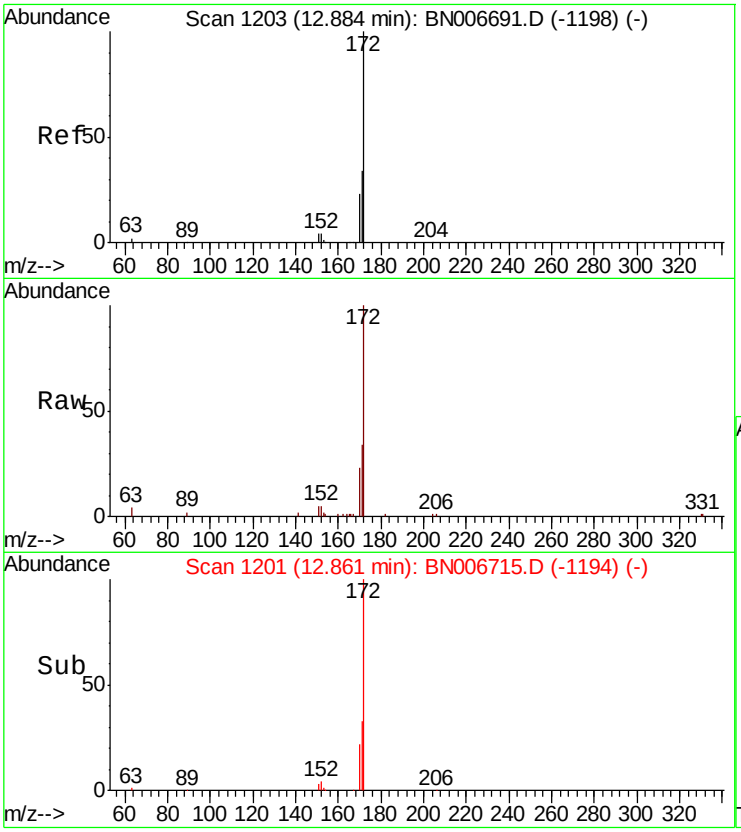


#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.76 min Scan# 1461
Delta R.T. -0.03 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:330 Resp: 1374

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.9	24.8	37.2



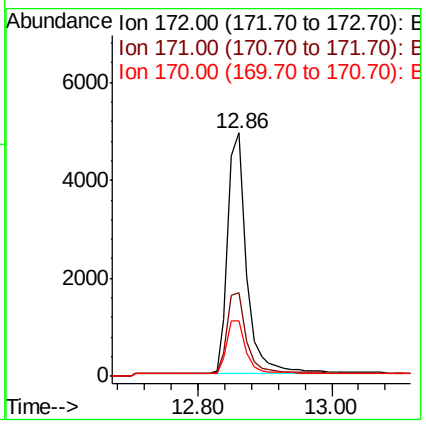


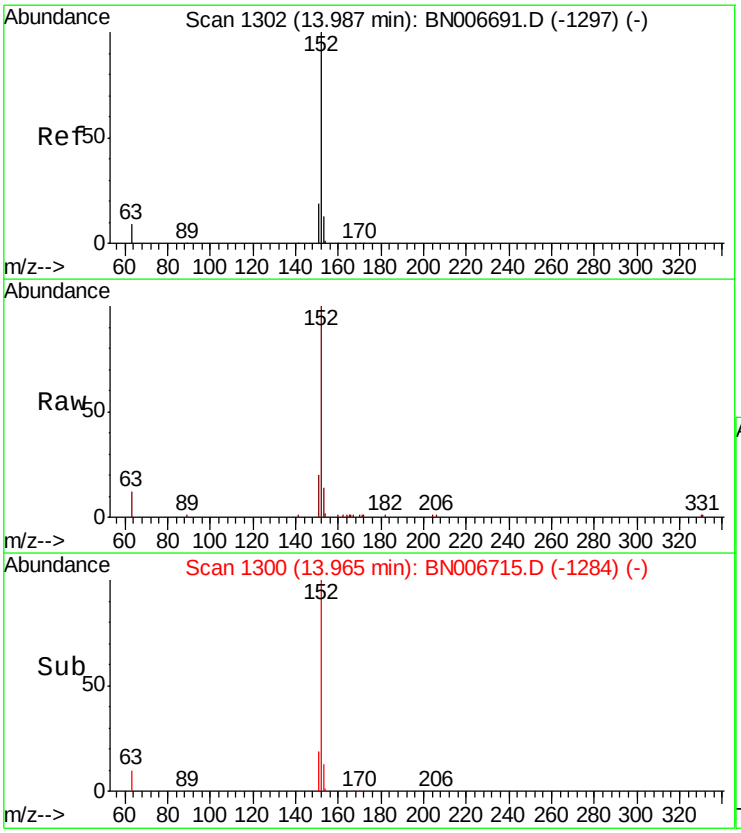
#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:172 Resp: 9685

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	23.0	18.9	28.3

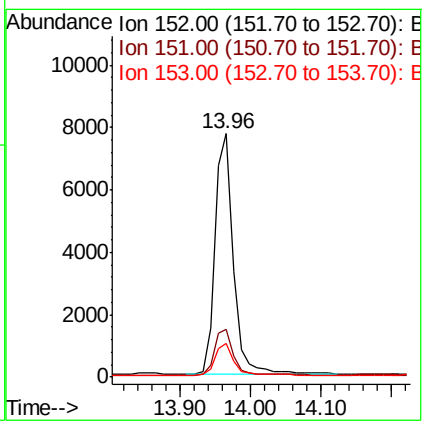


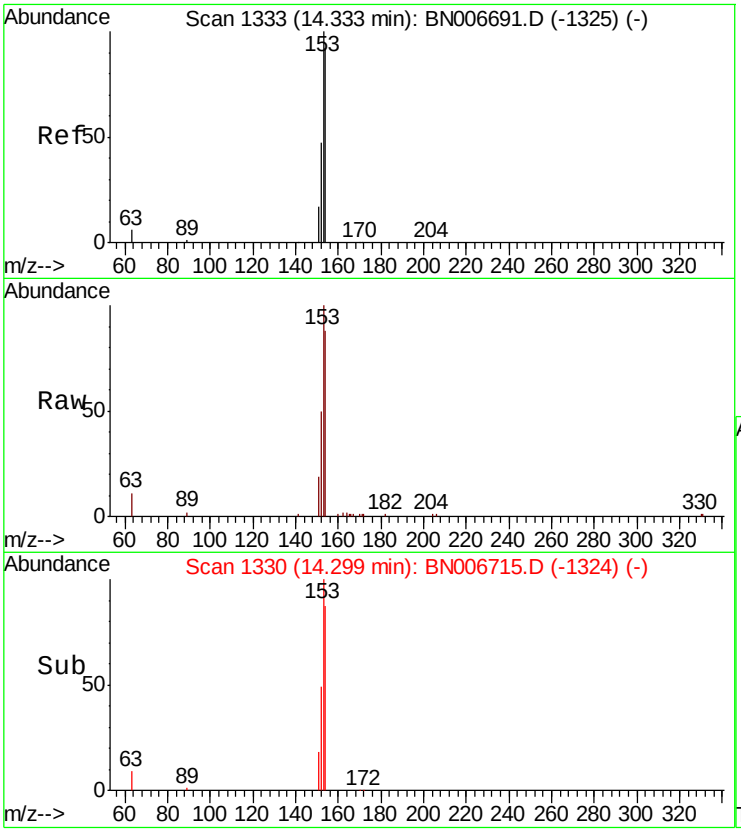


#16
Acenaphthylene
Concen: 0.398 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:152 Resp: 14214

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.1	10.6	15.8



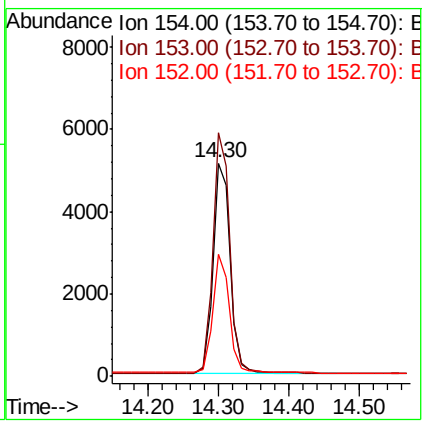


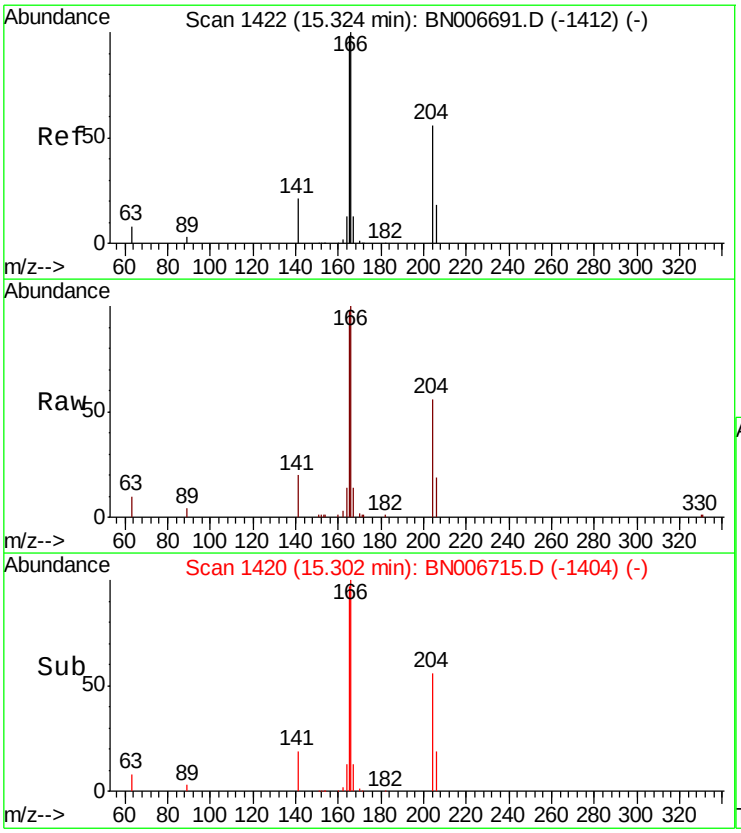
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:154 Resp: 8745

Ion	Ratio	Lower	Upper
154	100		
153	112.9	88.9	133.3
152	54.7	42.8	64.2

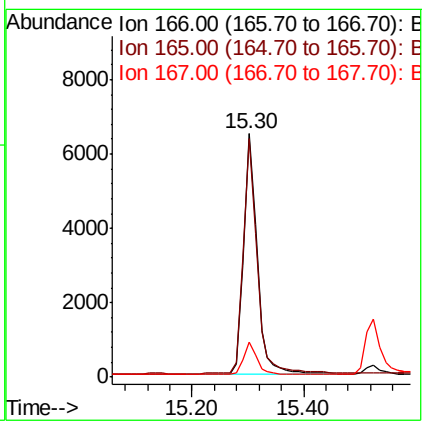


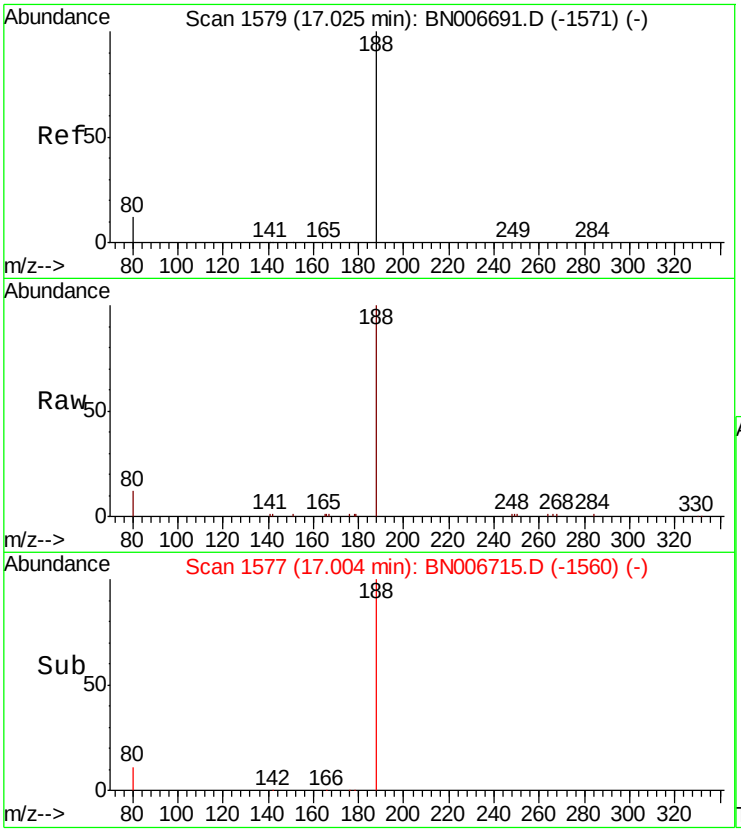


#18
Fluorene
Concen: 0.390 ng
RT: 15.30 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:166 Resp: 11030

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.0	117.0
167	13.4	10.7	16.1



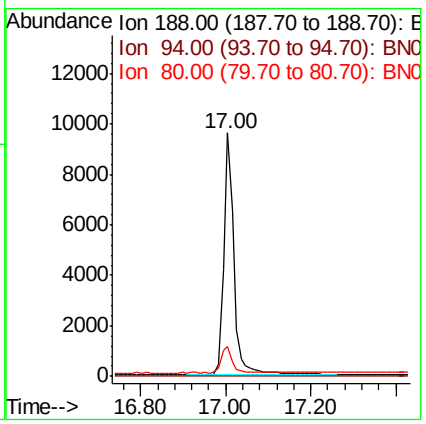


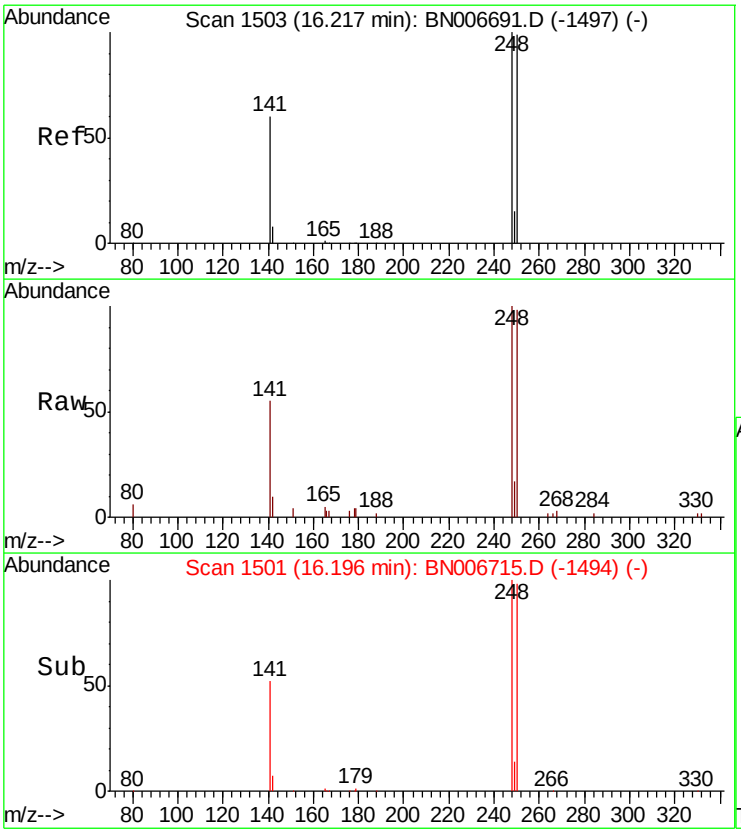
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:188 Resp: 16000

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	10.3	15.5

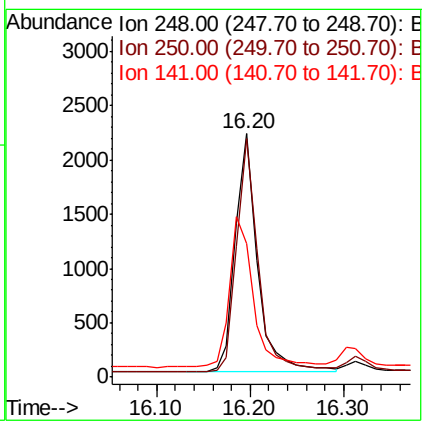


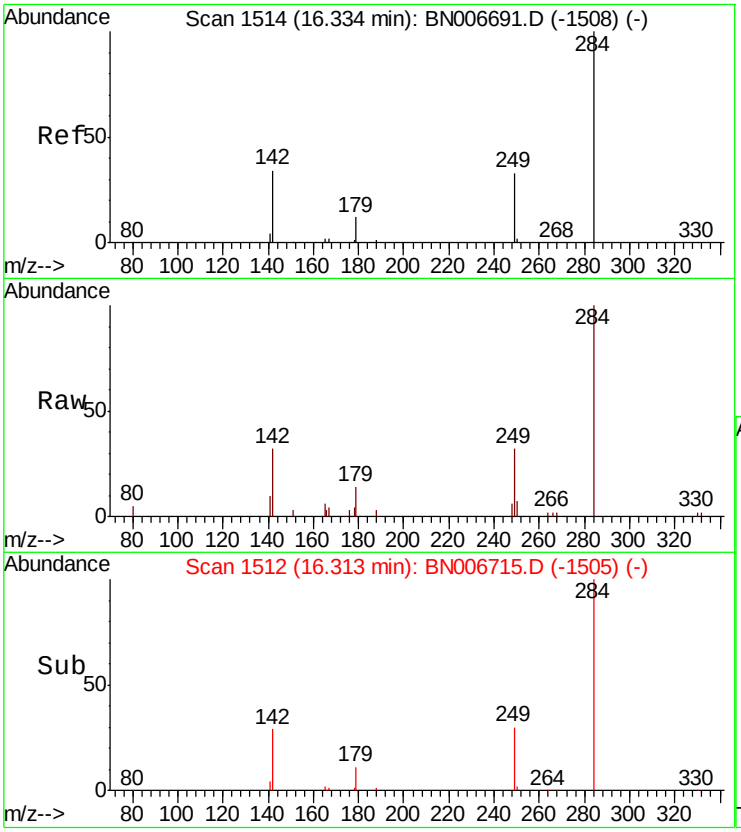


#20
4-Bromophenyl-phenylether
Concen: 0.387 ng
RT: 16.20 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:248 Resp: 3649

Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.0	118.6
141	54.8	50.2	75.4



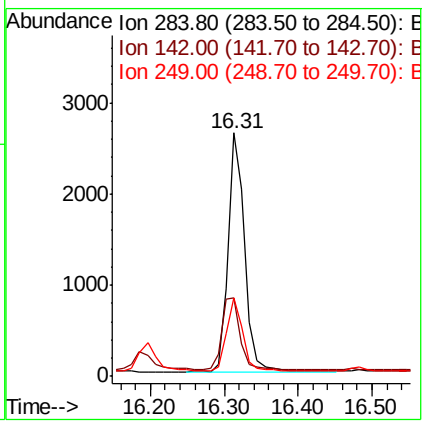


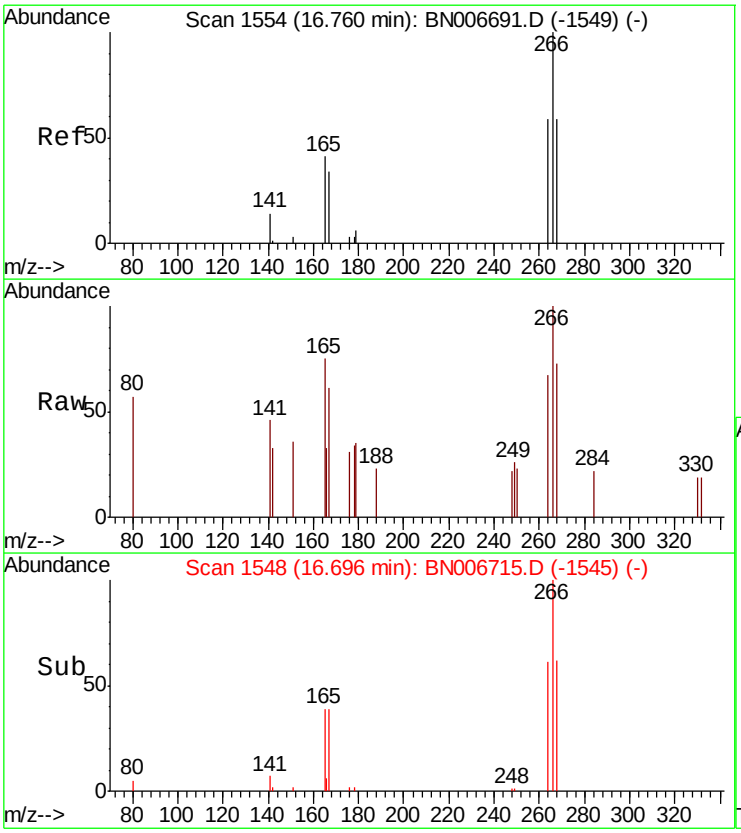
#21
Hexachlorobenzene
Concen: 0.365 ng
RT: 16.31 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:284 Resp: 4096

Ion	Ratio	Lower	Upper
284	100		
142	32.3	26.9	40.3
249	29.7	24.4	36.6

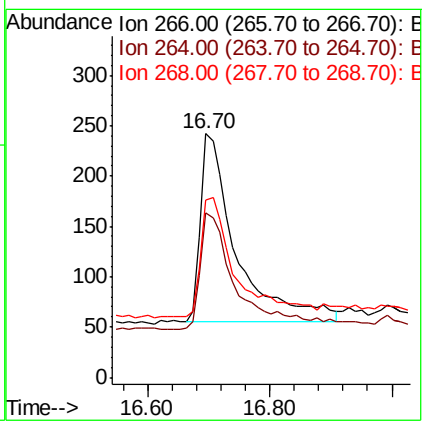


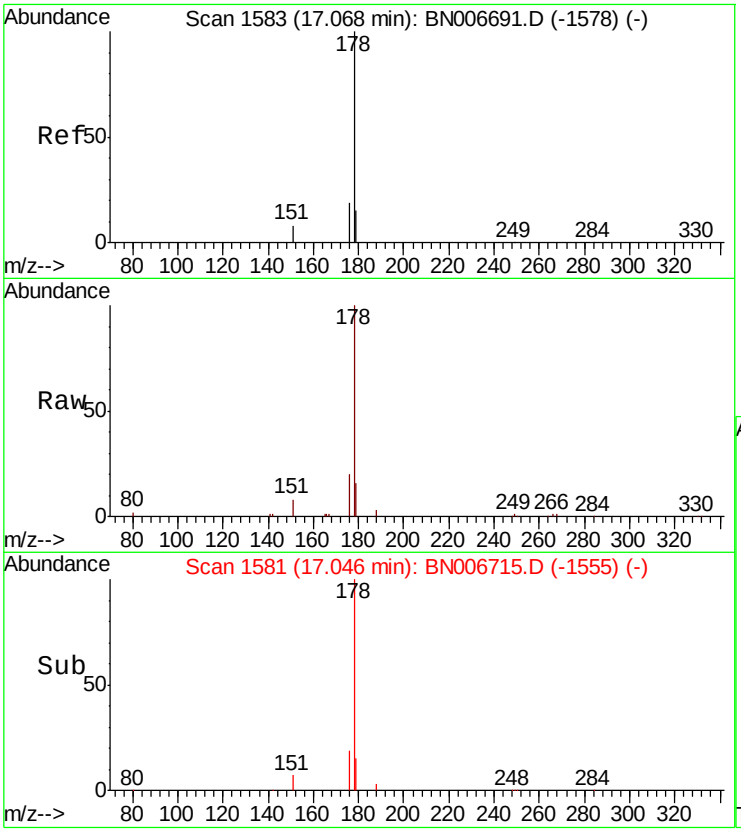


#22
Pentachlorophenol
Concen: 0.581 ng
RT: 16.70 min Scan# 1548
Delta R.T. -0.06 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:266 Resp: 737

Ion	Ratio	Lower	Upper
266	100		
264	67.4	57.6	86.4
268	72.7	66.6	99.8



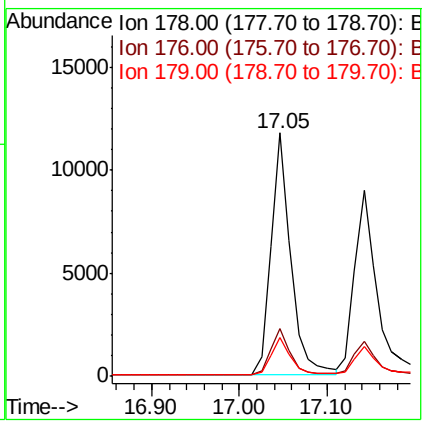


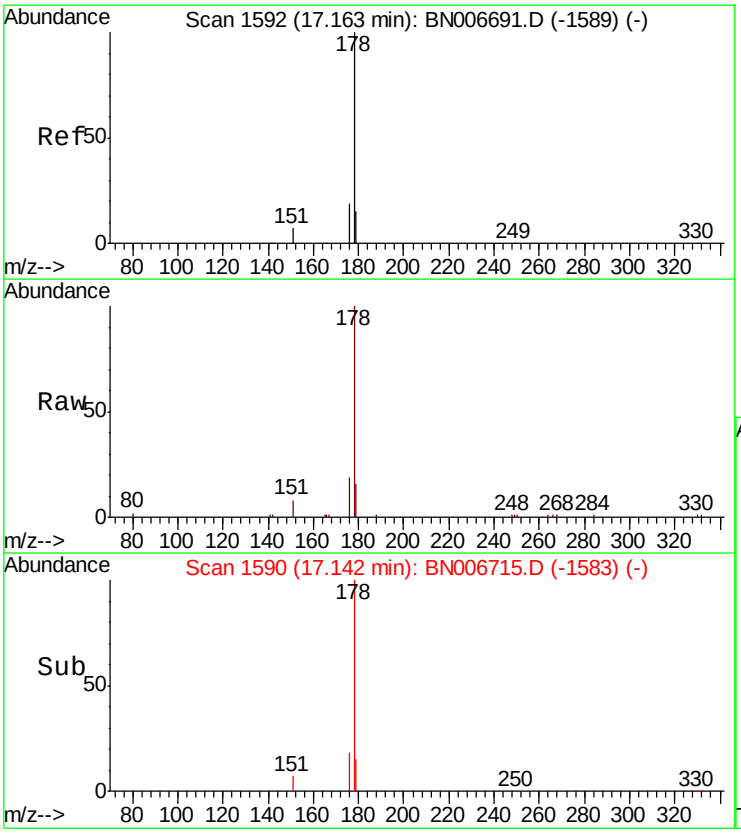
#23
Phenanthrene
Concen: 0.401 ng
RT: 17.05 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:178 Resp: 18511

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.4	18.6

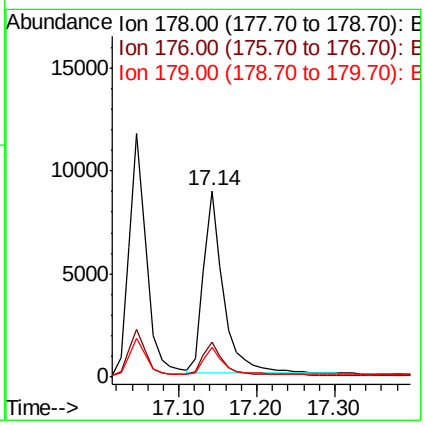


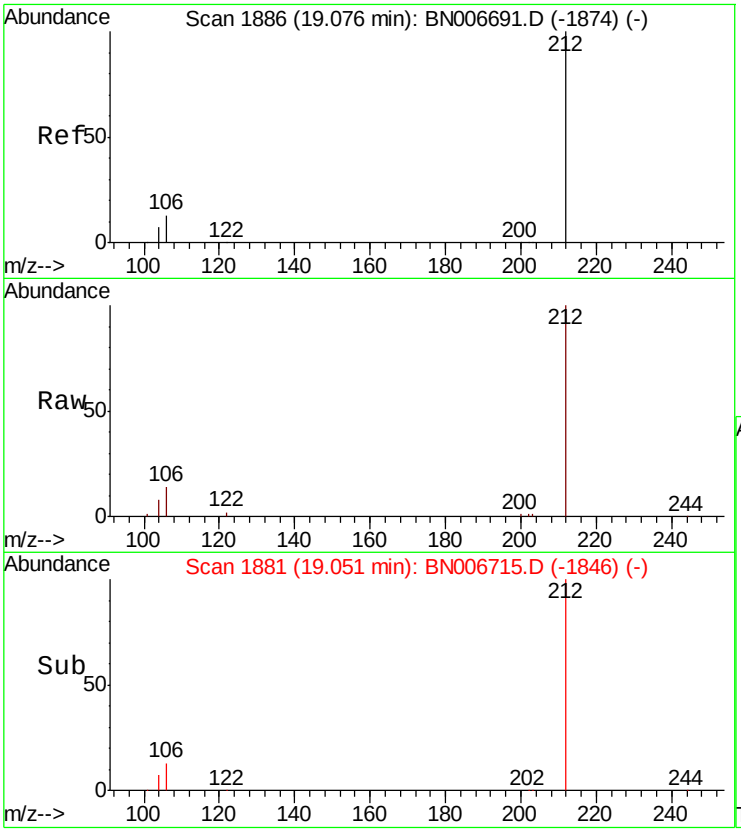


#24
Anthracene
Concen: 0.376 ng
RT: 17.14 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:178 Resp: 15675

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	14.9	11.9	17.9



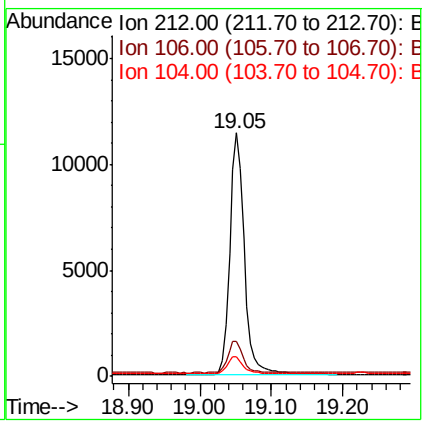


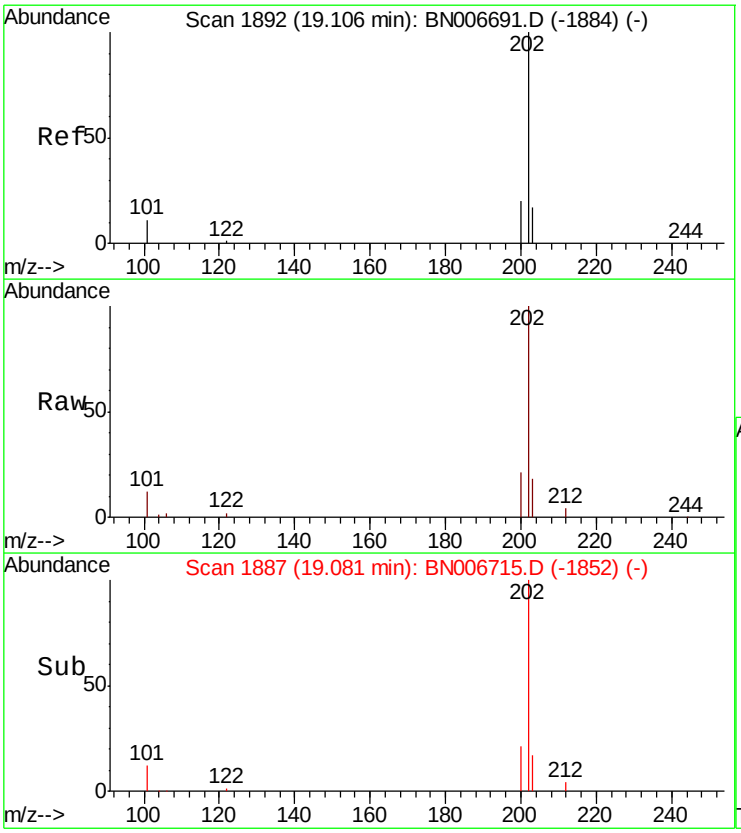
#25
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.05 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:212 Resp: 16369

Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.0	16.6
104	7.9	6.1	9.1

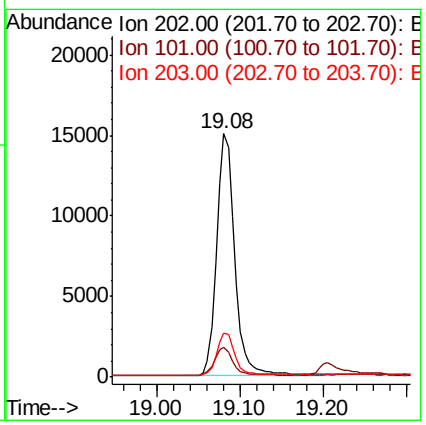


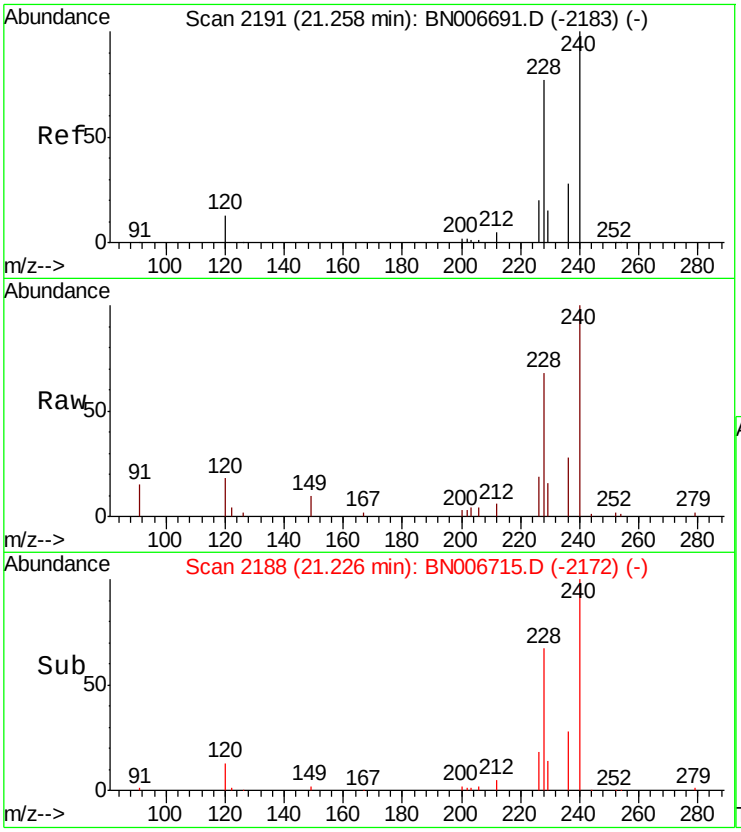


#26
Fluoranthene
Concen: 0.419 ng
RT: 19.08 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:202 Resp: 22665

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.7	13.1
203	17.2	13.8	20.6



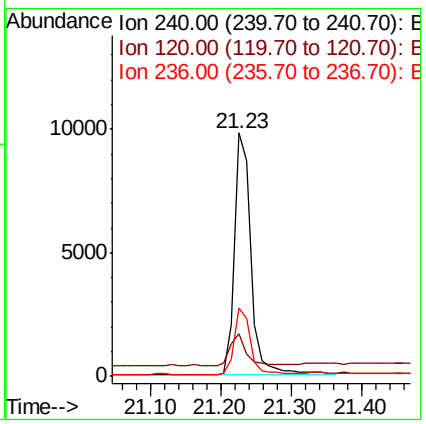


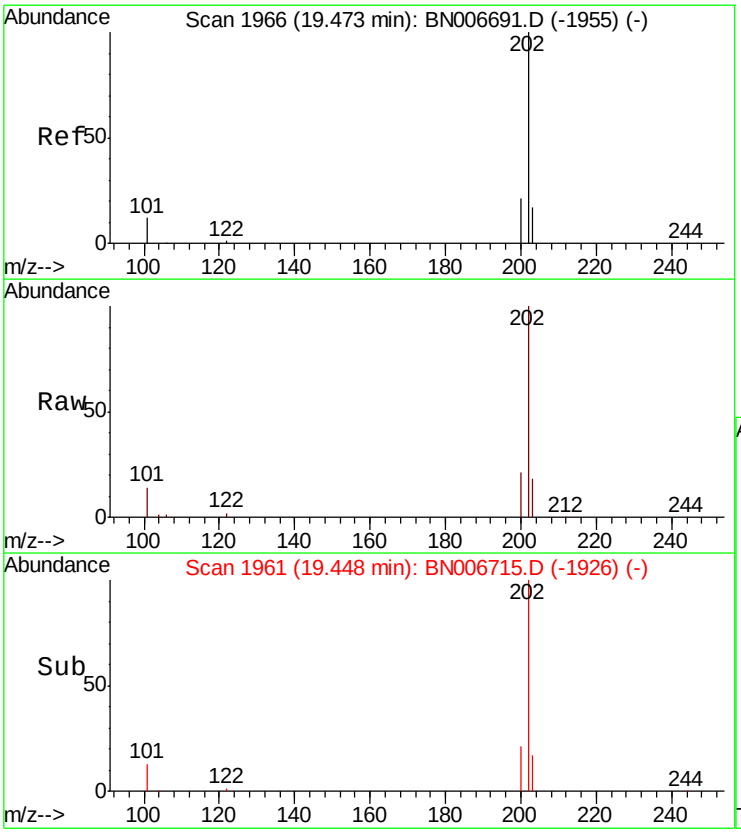
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:240 Resp: 15551

Ion	Ratio	Lower	Upper
240	100		
120	17.6	12.9	19.3
236	28.3	23.2	34.8

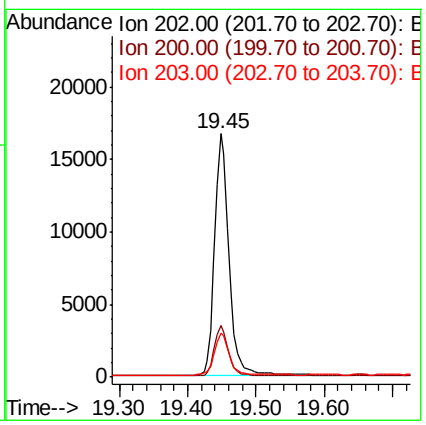


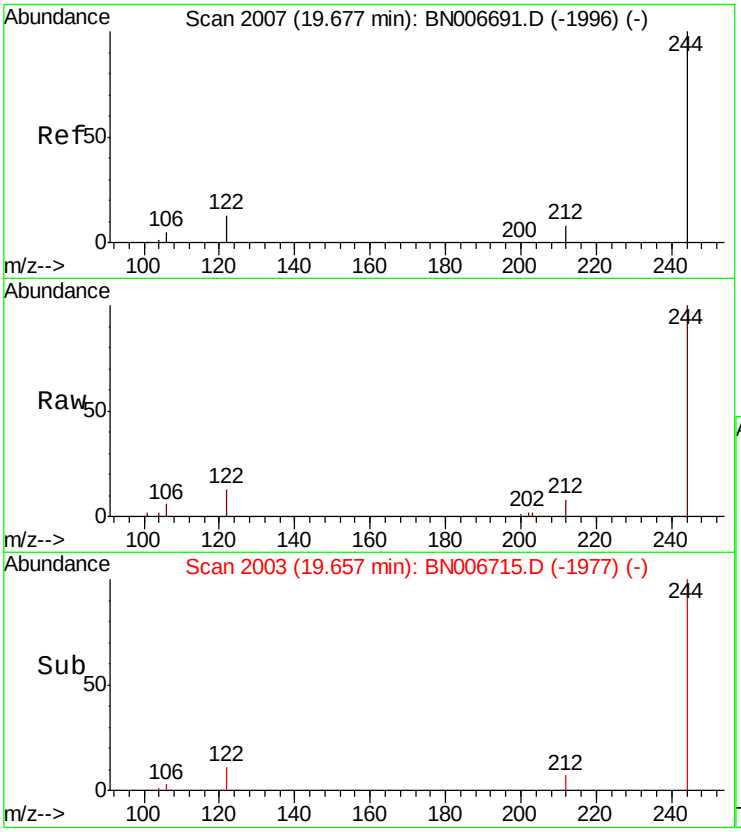


#28
Pyrene
Concen: 0.391 ng
RT: 19.45 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:202 Resp: 24319

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.9	14.2	21.2



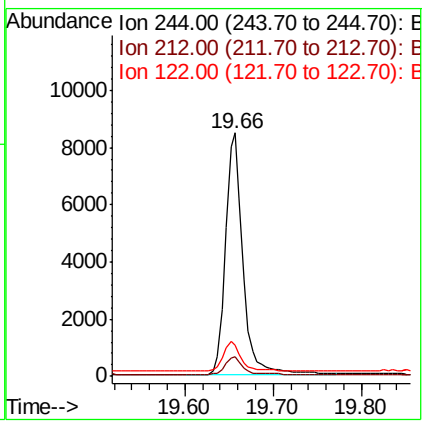


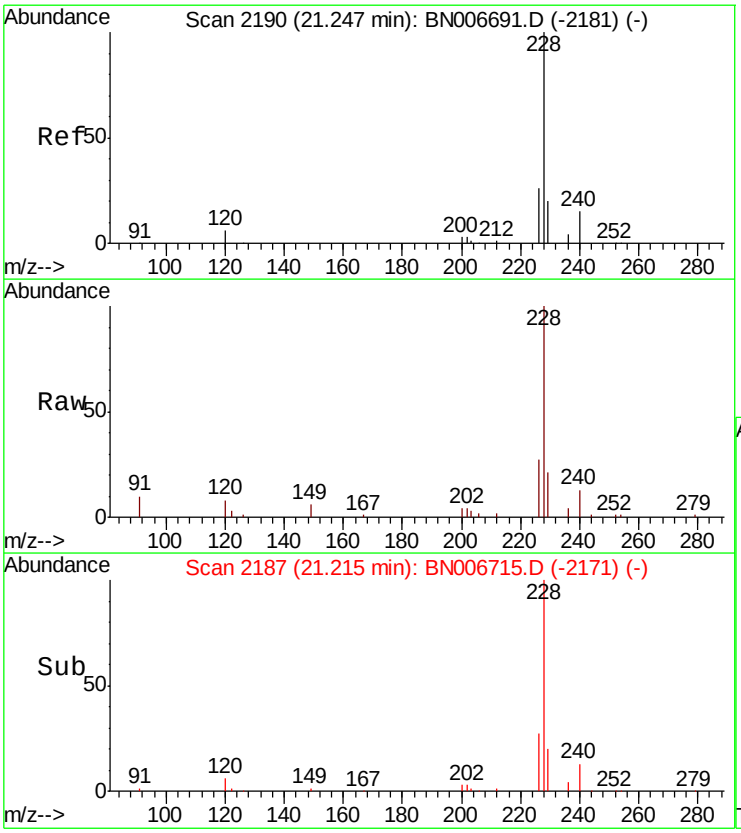
#29
Terphenyl-d14
Concen: 0.325 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:244 Resp: 11653

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.0	10.4
122	12.8	11.5	17.3

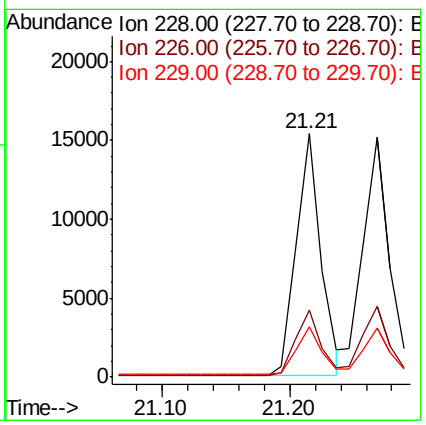


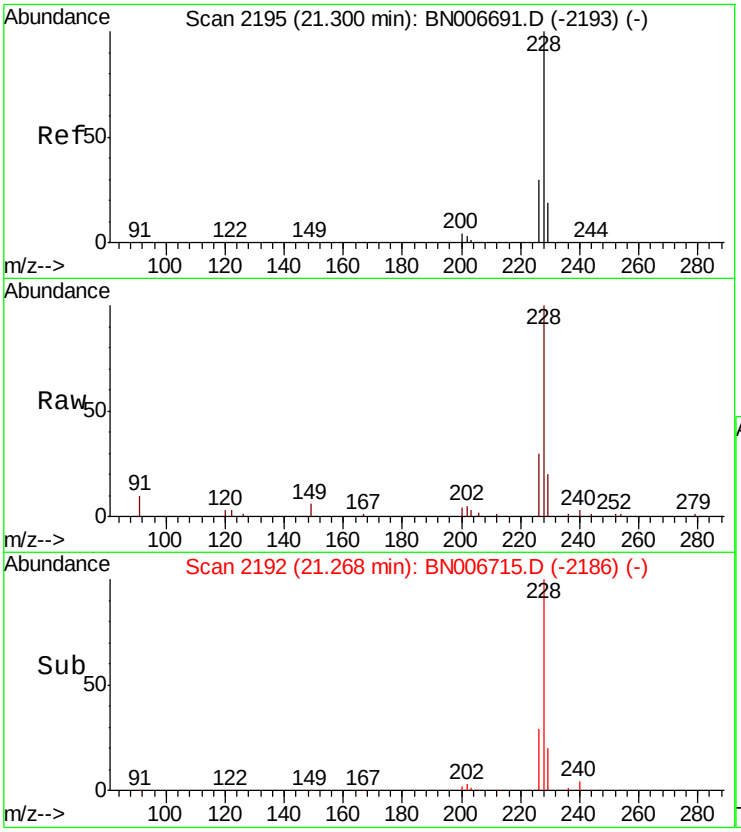


#30
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.21 min Scan# 2187
Delta R.T. -0.03 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:228 Resp: 20448

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.5	32.3
229	20.8	16.2	24.4



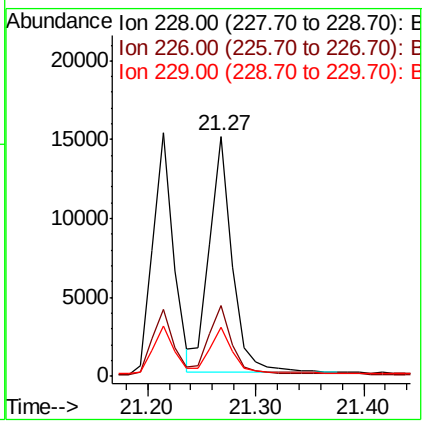


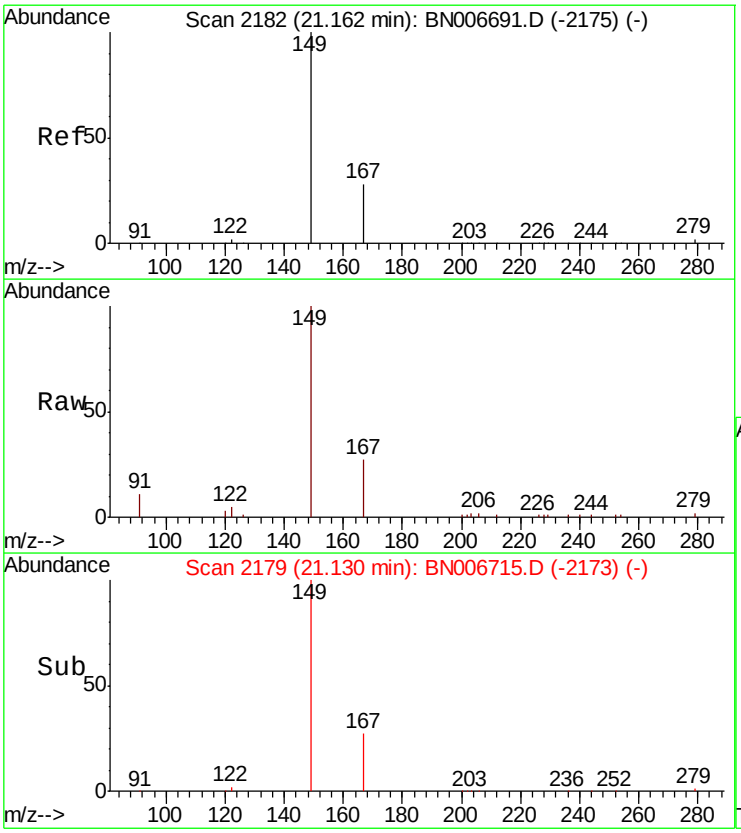
#31
Chrysene
Concen: 0.396 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:228 Resp: 21893

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.2
229	20.3	15.8	23.6

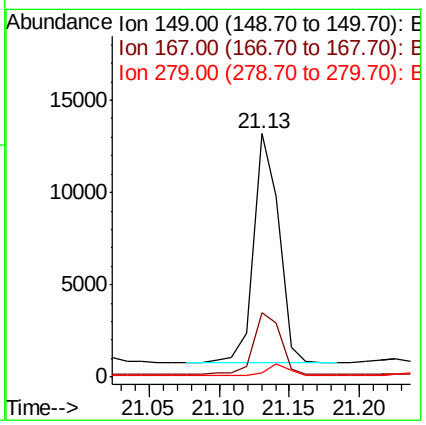


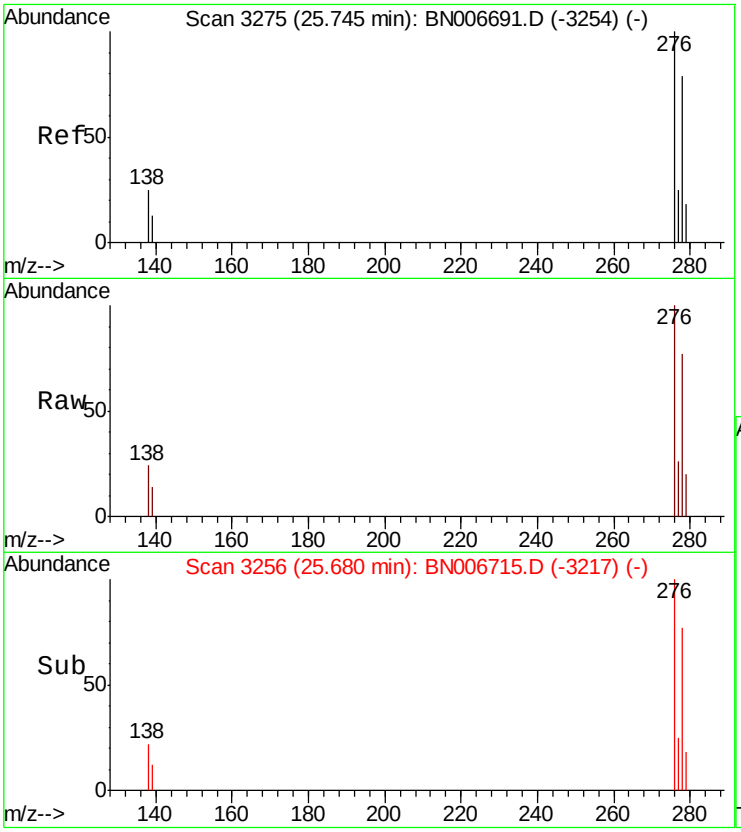


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.098 ng
RT: 21.13 min Scan# 2179
Delta R.T. -0.03 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:149 Resp: 15614

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.9	34.3
279	4.4	3.2	4.8



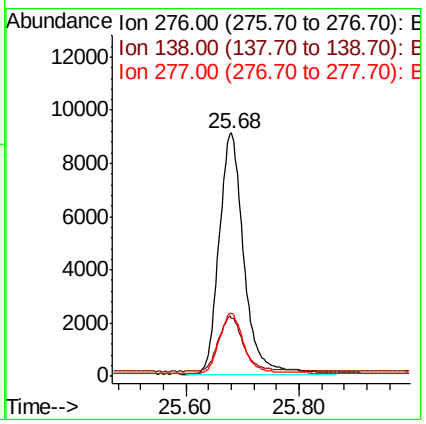


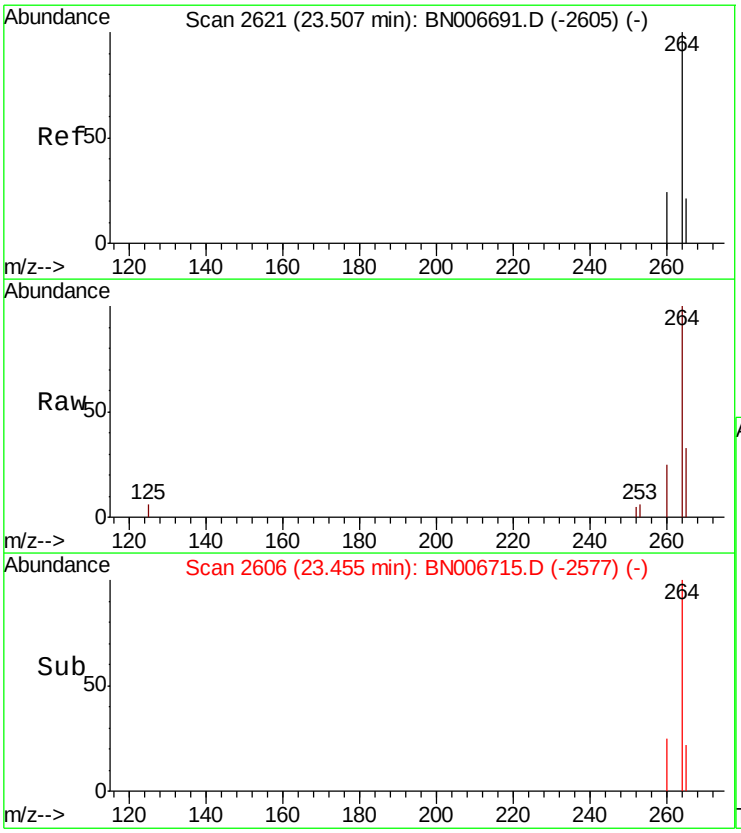
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng
RT: 25.68 min Scan# 3256
Delta R.T. -0.07 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:276 Resp: 27495

Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.5	29.3
277	24.9	19.7	29.5

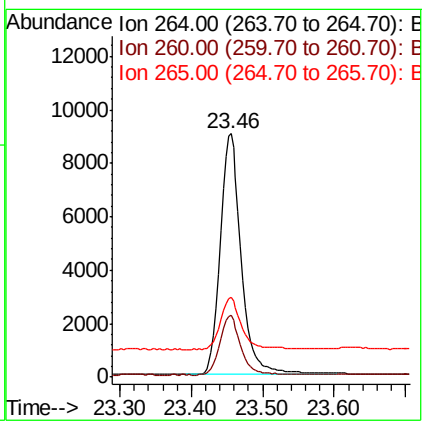


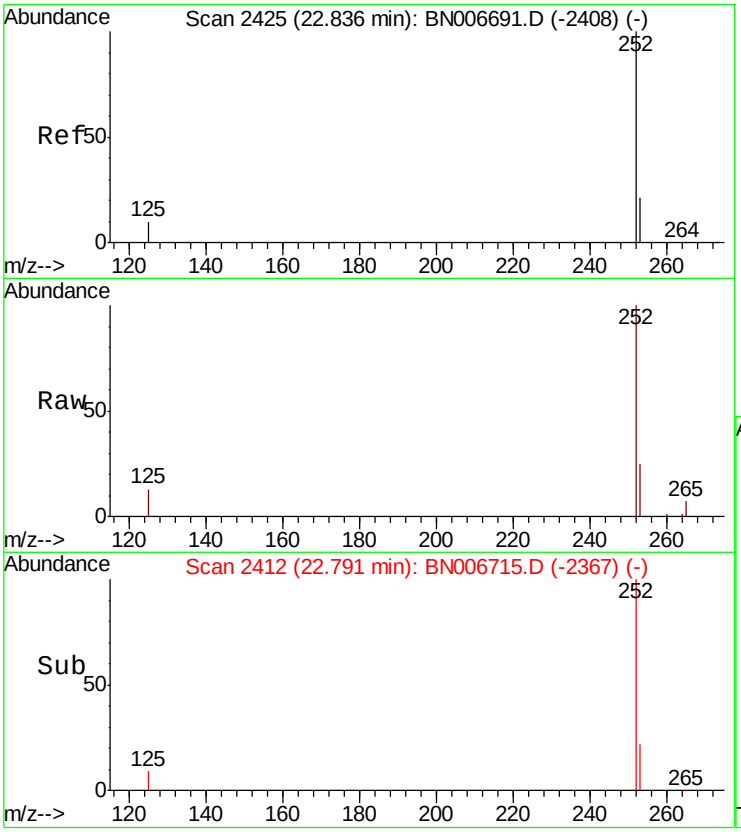


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2606
Delta R.T. -0.05 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:264 Resp: 18458

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	32.9	33.7	50.5#



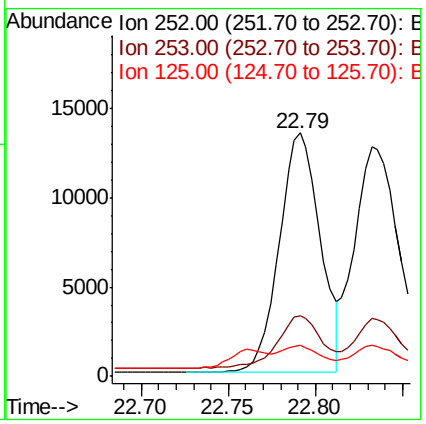


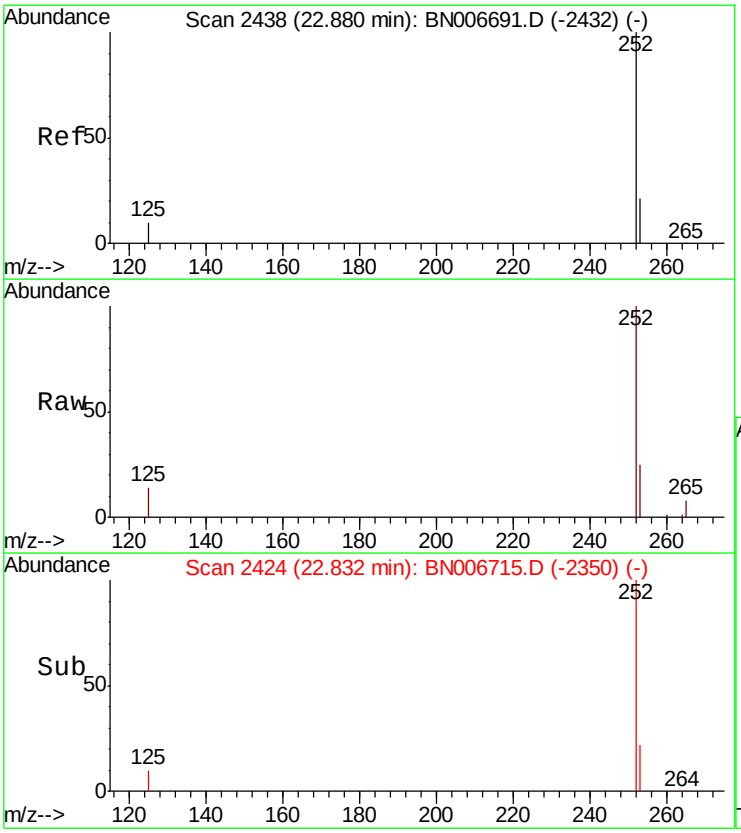
#35
Benzo(b)fluoranthene
Concen: 0.371 ng
RT: 22.79 min Scan# 2412
Delta R.T. -0.04 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:252 Resp: 21997

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.2	30.2
125	12.6	11.5	17.3

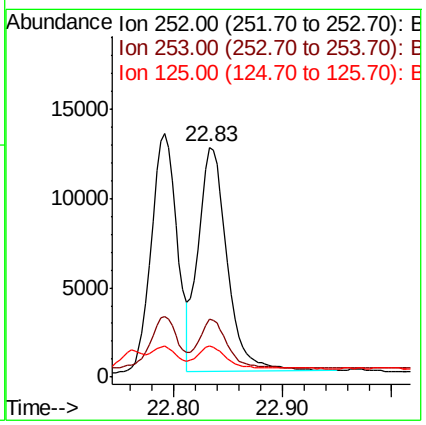


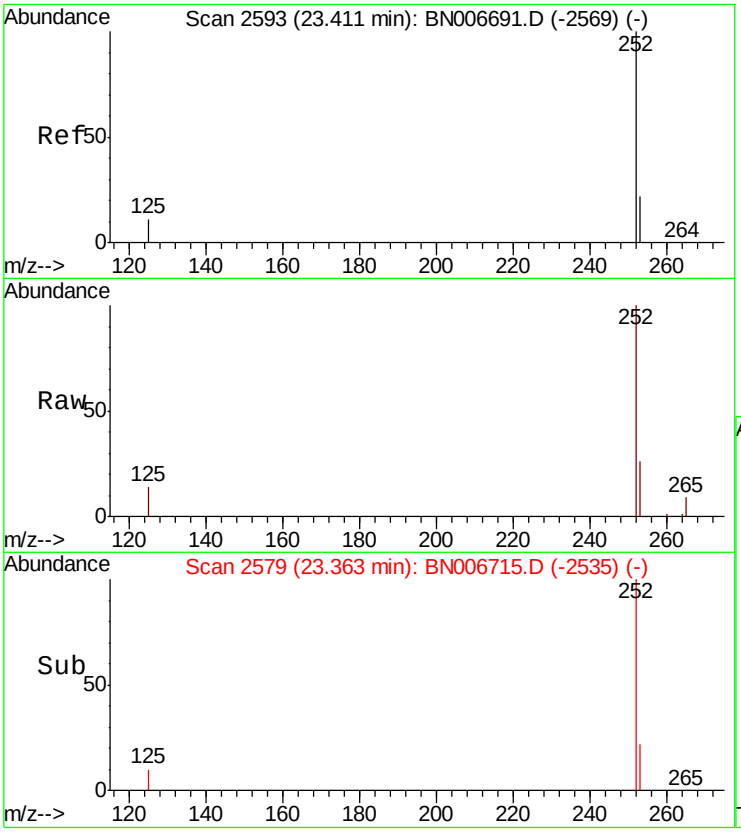


#36
Benzo(k)fluoranthene
Concen: 0.363 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.05 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:252 Resp: 23325

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.1	30.1
125	13.5	11.4	17.0



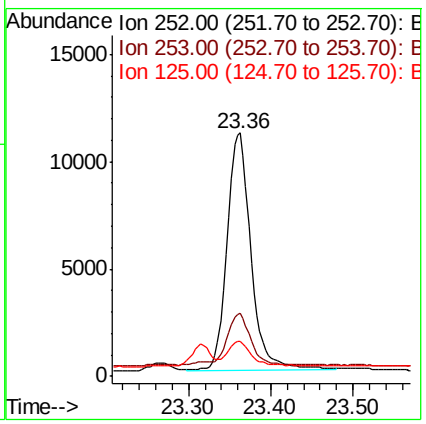


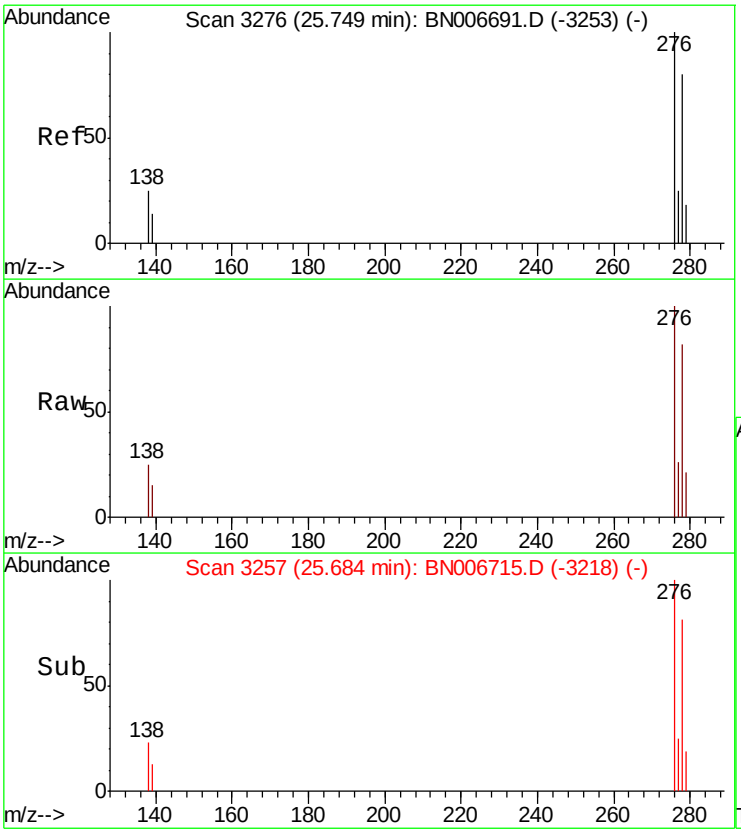
#37
Benzo(a)pyrene
Concen: 0.390 ng
RT: 23.36 min Scan# 2579
Delta R.T. -0.05 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:252 Resp: 22398

Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.4	32.2
125	14.1	13.3	19.9

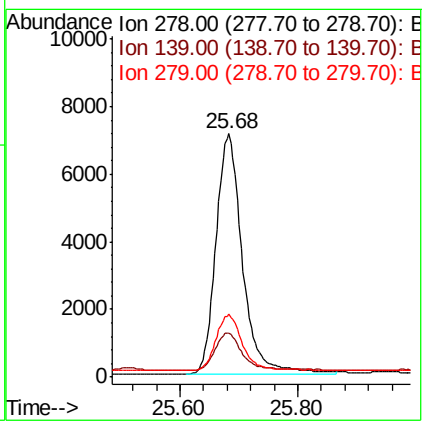


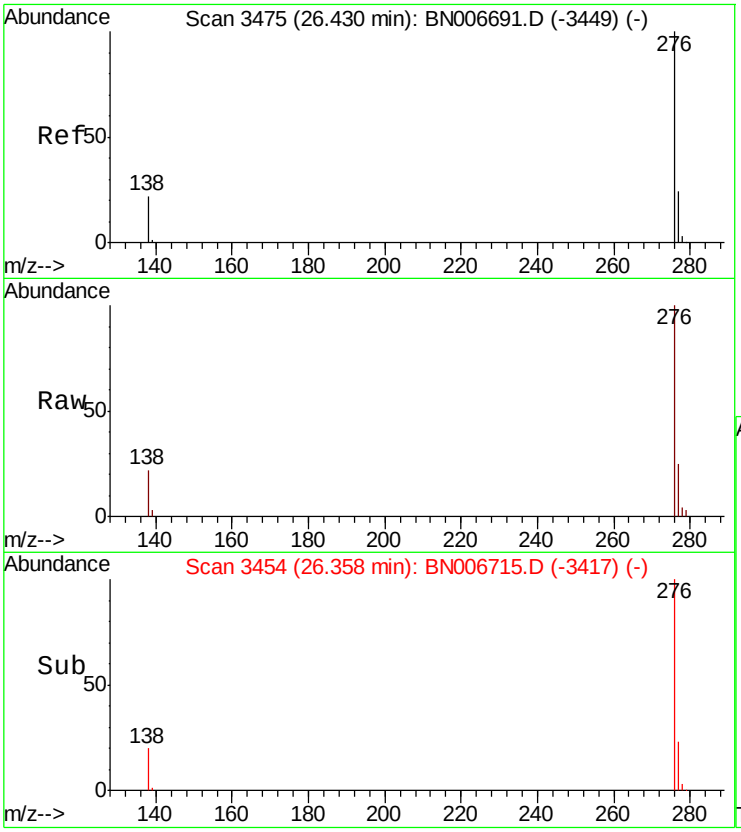


#38
Dibenzo(a,h)anthracene
Concen: 0.389 ng
RT: 25.68 min Scan# 3257
Delta R.T. -0.07 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:278 Resp: 22200

Ion	Ratio	Lower	Upper
278	100		
139	18.2	16.2	24.4
279	25.8	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 0.409 ng
RT: 26.36 min Scan# 3454
Delta R.T. -0.07 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Tgt Ion:276 Resp: 24009

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.6	30.8
138	22.0	19.7	29.5