Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006725.D
Acq On : 05 Jul 2019 20:35
Operator : HP/JU
Sample : K3560-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-012-SW139-062419

Quant Time: Jul 05 22:53:04 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	2905	0.40	ng		-0.03
7) Naphthalene-d8	10.36	136	11226	0.40	ng		-0.03
13) Acenaphthene-d10	14.24	164	6700	0.40	ng		-0.02
19) Phenanthrene-d10	17.00	188	15507	0.40	ng		-0.02
27) Chrysene-d12	21.23	240	15634	0.40	ng		-0.03
34) Perylene-d12	23.45	264	17744	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	2806	0.36	ng		-0.02
5) Phenol-d6	6.79	99	3996	0.40	ng		-0.04
8) Nitrobenzene-d5	8.78	82	2708	0.31	ng		-0.01
11) 2-Methylnaphthalene-d10	11.97	152	6435	0.38	ng		-0.02
14) 2,4,6-Tribromophenol	15.76	330	1244	0.38	ng		-0.03
15) 2-Fluorobiphenyl	12.86	172	8599	0.33	ng		-0.02
25) Fluoranthene-d10	19.05	212	13138	0.30	ng		-0.03
29) Terphenyl-d14	19.65	244	9463	0.26	ng		-0.03
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.05	93	39	0.005	ng	#	1
9) Naphthalene	10.41	128	2220	0.072	ng	#	86
10) Hexachlorobutadiene	10.64	225	1	0.000	ng	#	18
12) 2-Methylnaphthalene	12.05	142	1303	0.017	ng	#	91
16) Acenaphthylene	13.96	152	8640	0.259	ng		99
17) Acenaphthene	14.30	154	538	0.025	ng	#	83
18) Fluorene	15.31	166	1335	0.051	ng	#	79
20) 4-Bromophenyl-phenylether	16.20	248	3	0.000	ng	#	6
21) Hexachlorobenzene	16.31	284	9	0.001	ng	#	43
22) Pentachlorophenol	16.72	266	8	0.116	ng	#	73
23) Phenanthrene	17.05	178	29645	0.663	ng		99
24) Anthracene	17.14	178	5463	0.135	ng	#	92
26) Fluoranthene	19.08	202	57937	1.104	ng		98
28) Pyrene	19.44	202	80157	1.281	ng		97
30) Benzo(a)anthracene	21.20	228	36194	0.671	ng		94
31) Chrysene	21.26	228	44483	0.800	ng		96
32) Bis(2-ethylhexyl)phthalate	21.13	149	19852	0.123	ng		100
33) Indeno(1,2,3-cd)pyrene	25.67	276	24451	0.368	ng		95
35) Benzo(b)fluoranthene	22.79	252	47780	0.839	ng		97
36) Benzo(k)fluoranthene	22.79	252	47780	0.774	ng		97
37) Benzo(a)pyrene	23.26	252	28553	0.517	ng		98
38) Dibenzo(a,h)anthracene	25.67	278	7282	0.133	ng	#	79
39) Benzo(g,h,i)perylene	26.35	276	26604	0.472	ng		98

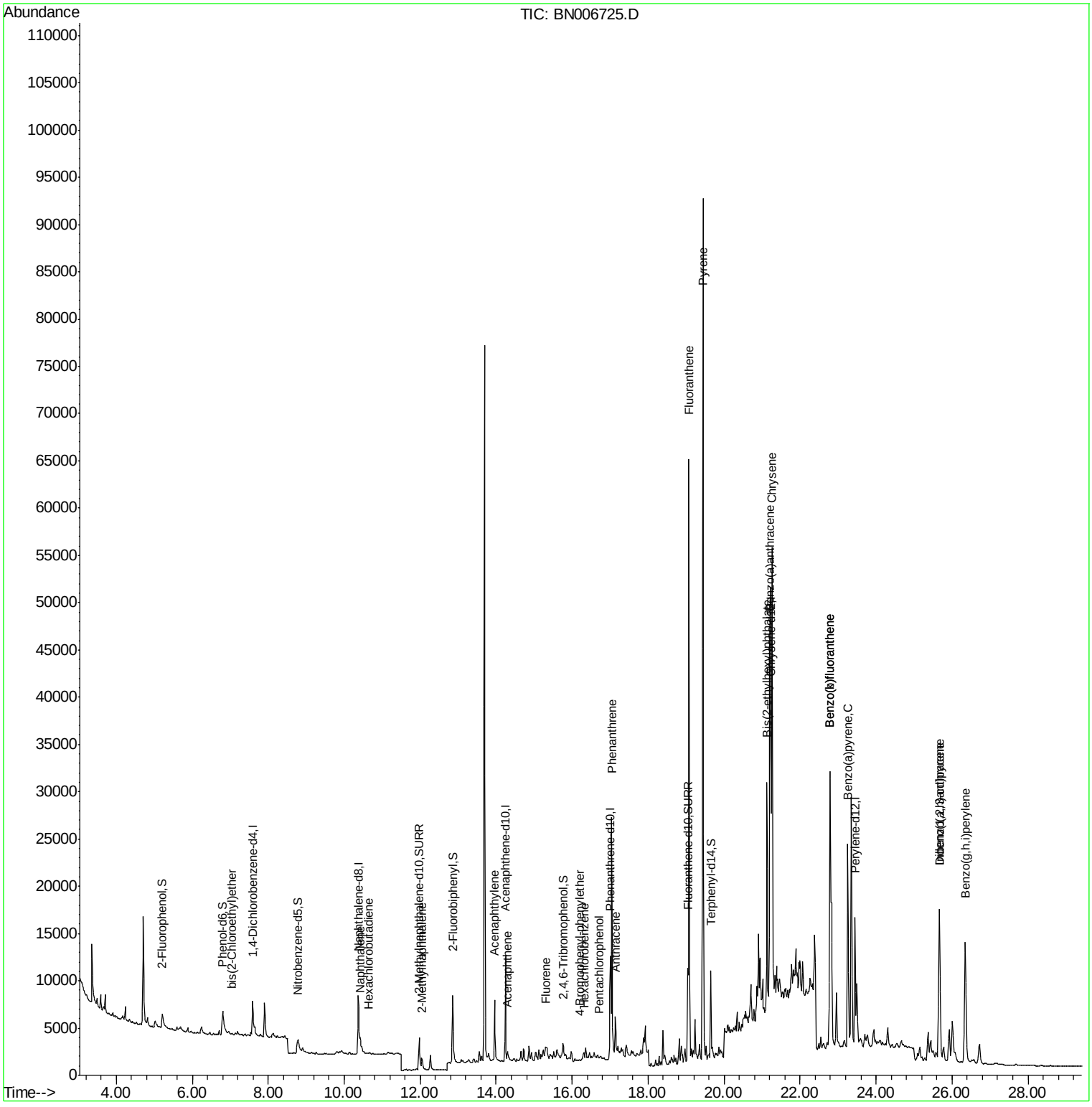
(#) = qualifier out of range (m) = manual integration (+) = signals summed

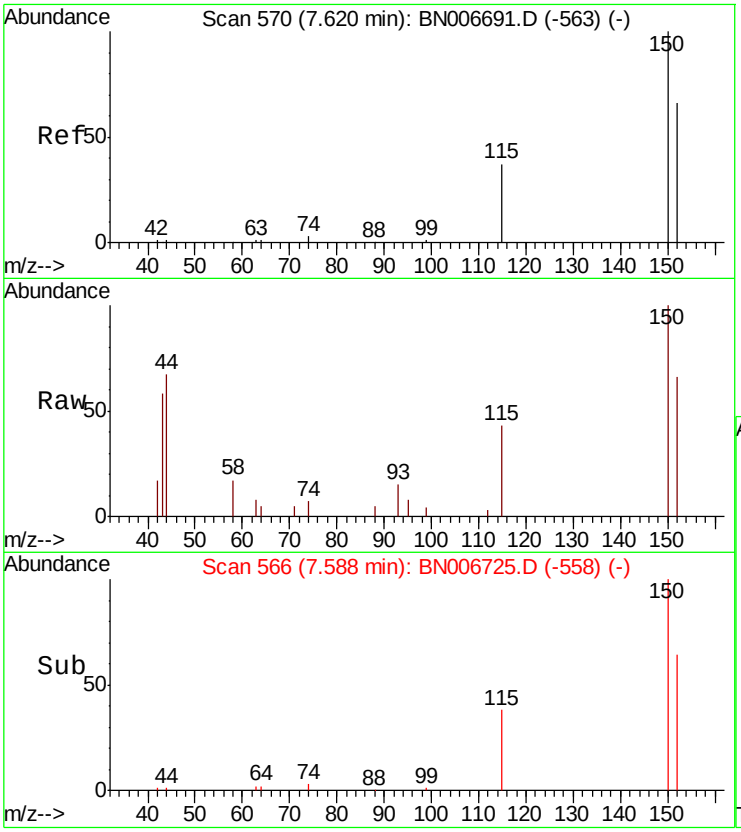
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006725.D
Acq On : 05 Jul 2019 20:35
Operator : HP/JU
Sample : K3560-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Quant Time: Jul 05 22:53:04 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



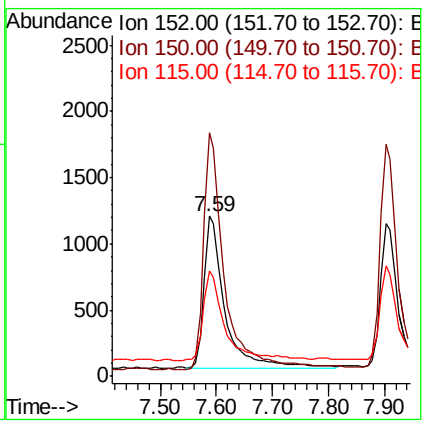


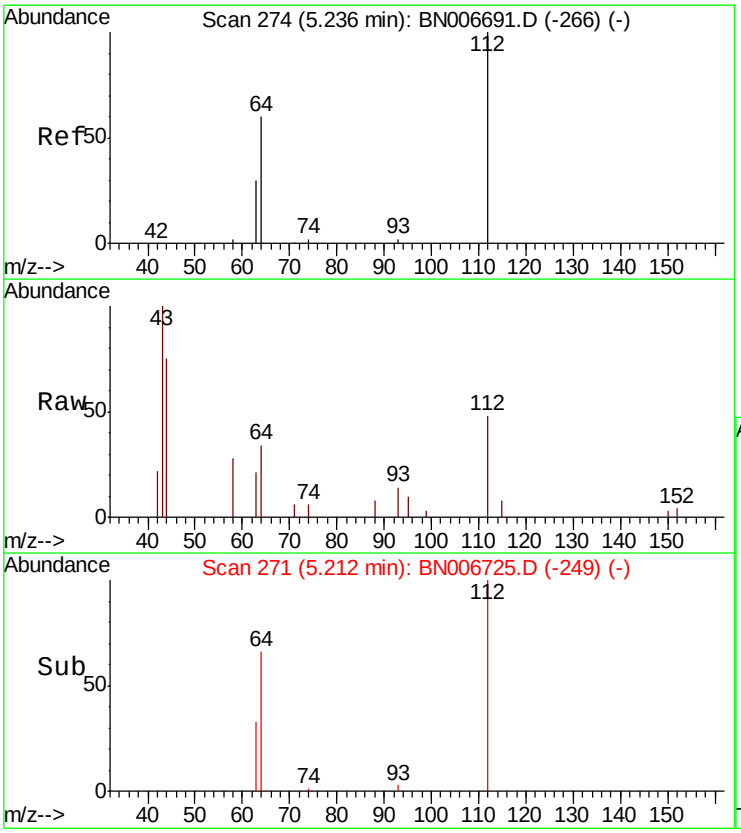
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:152 Resp: 2905

Ion	Ratio	Lower	Upper
152	100		
150	152.0	120.6	181.0
115	65.8	51.0	76.6

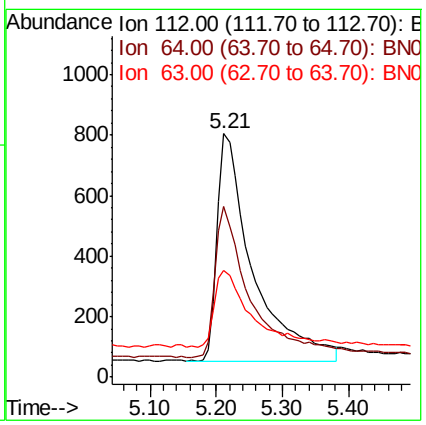


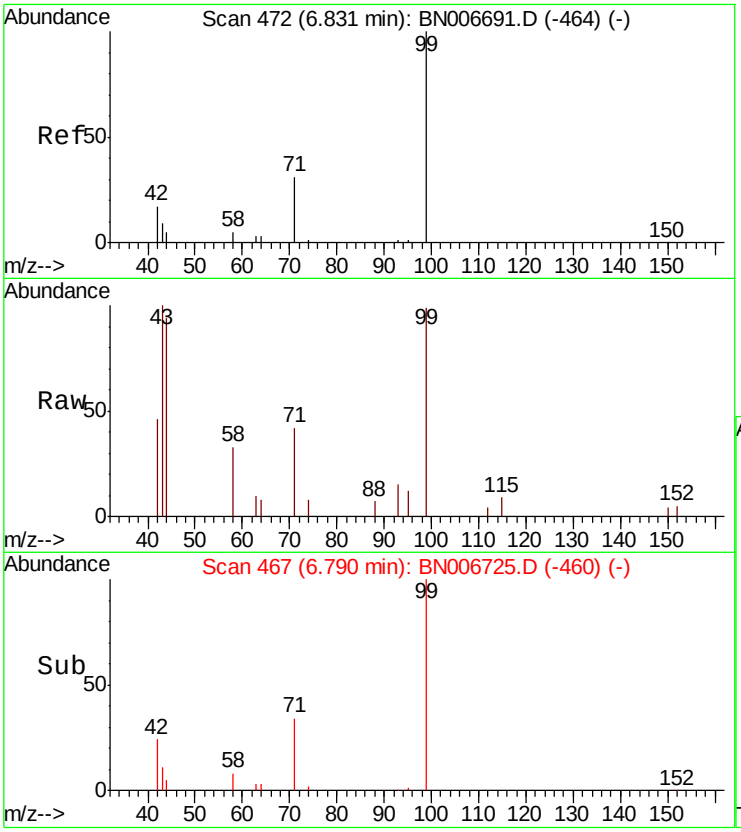


#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.21 min Scan# 271
Delta R.T. -0.02 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:112 Resp: 2806

Ion	Ratio	Lower	Upper
112	100		
64	64.8	49.8	74.6
63	34.5	25.8	38.6



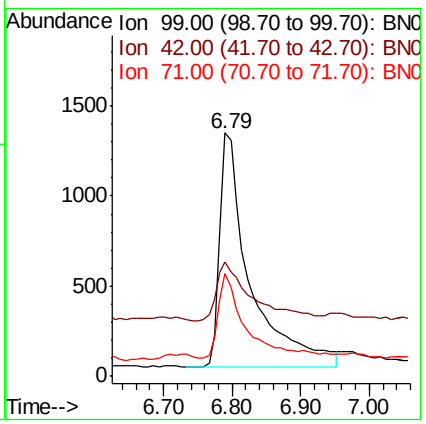


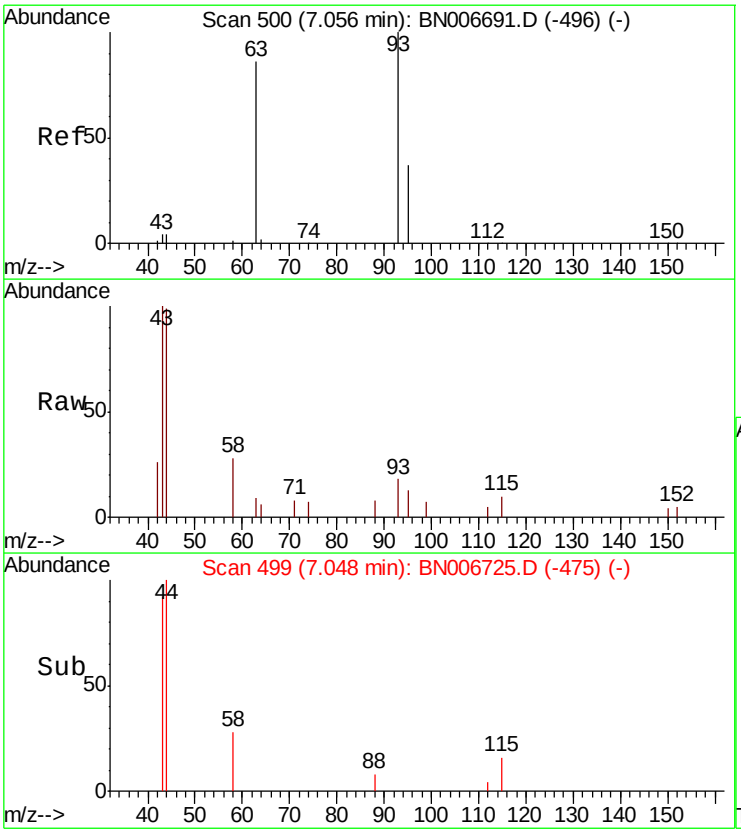
#5
Phenol-d6
Concen: 0.400 ng
RT: 6.79 min Scan# 467
Delta R.T. -0.04 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion: 99 Resp: 3996

Ion	Ratio	Lower	Upper
99	100		
42	30.7	16.6	25.0#
71	32.1	26.0	39.0

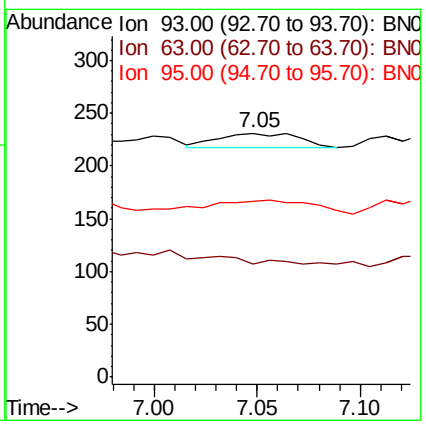


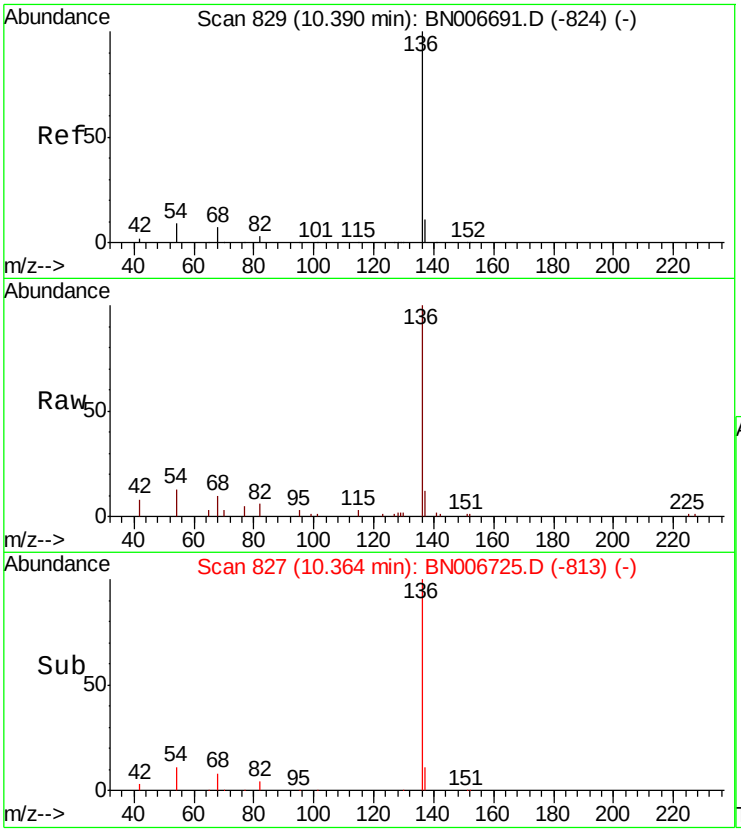


#6
bis(2-Chloroethyl)ether
Concen: 0.005 ng
RT: 7.05 min Scan# 499
Delta R.T. -0.01 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion: 93 Resp: 39

Ion	Ratio	Lower	Upper
93	100		
63	0.0	58.6	87.8#
95	128.2	28.3	42.5#



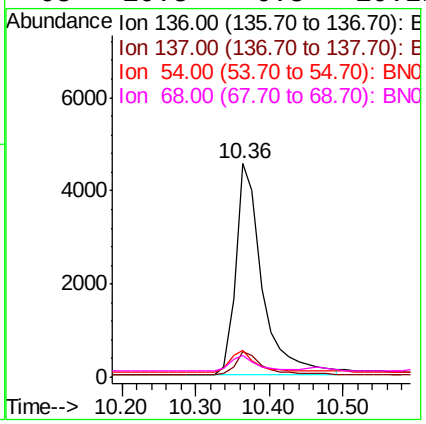


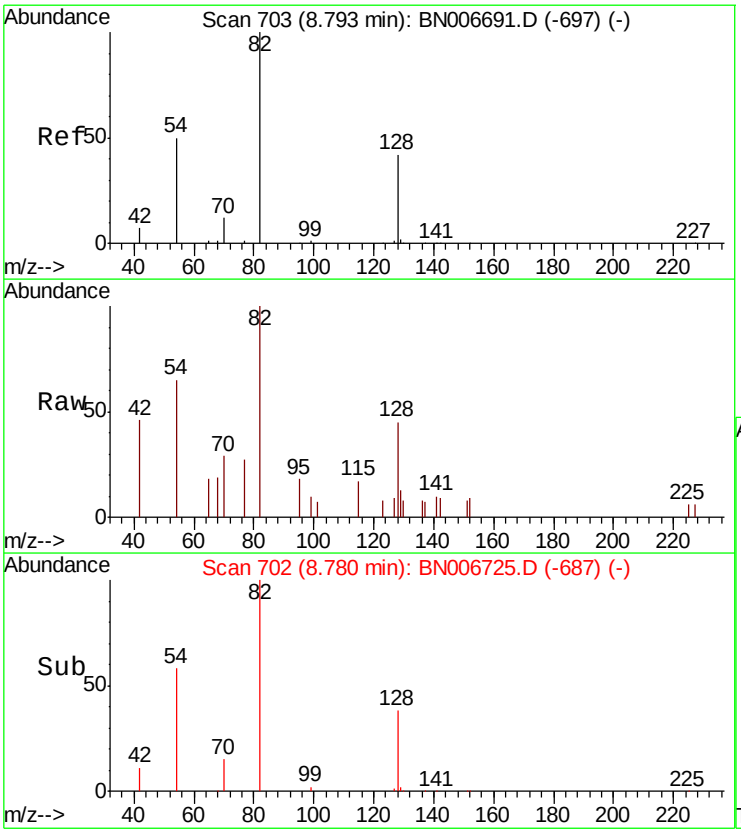
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. -0.03 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:136 Resp: 11226

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.3	13.9
54	12.9	8.4	12.6#
68	10.3	6.8	10.2#

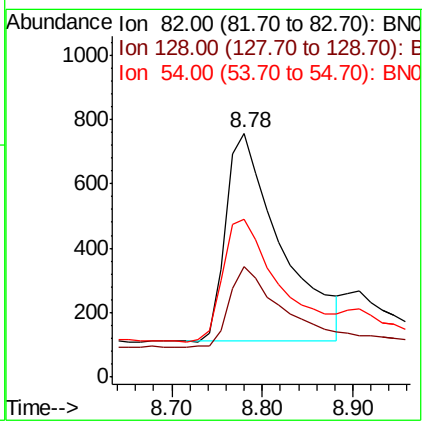


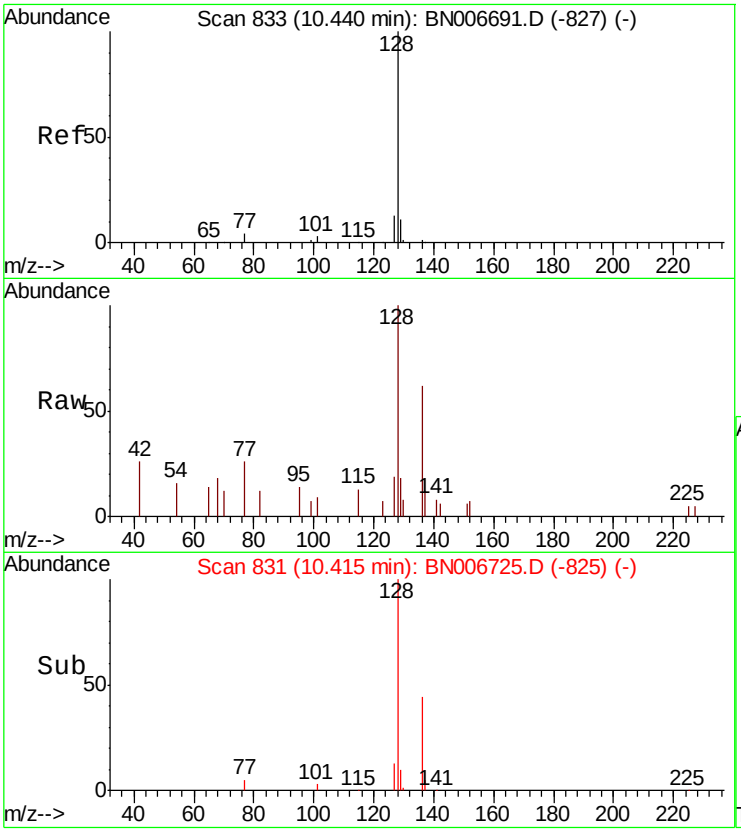


#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.78 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion: 82 Resp: 2708

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	64.8	44.5	66.7



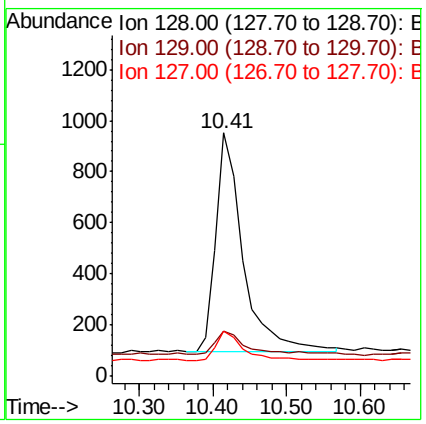


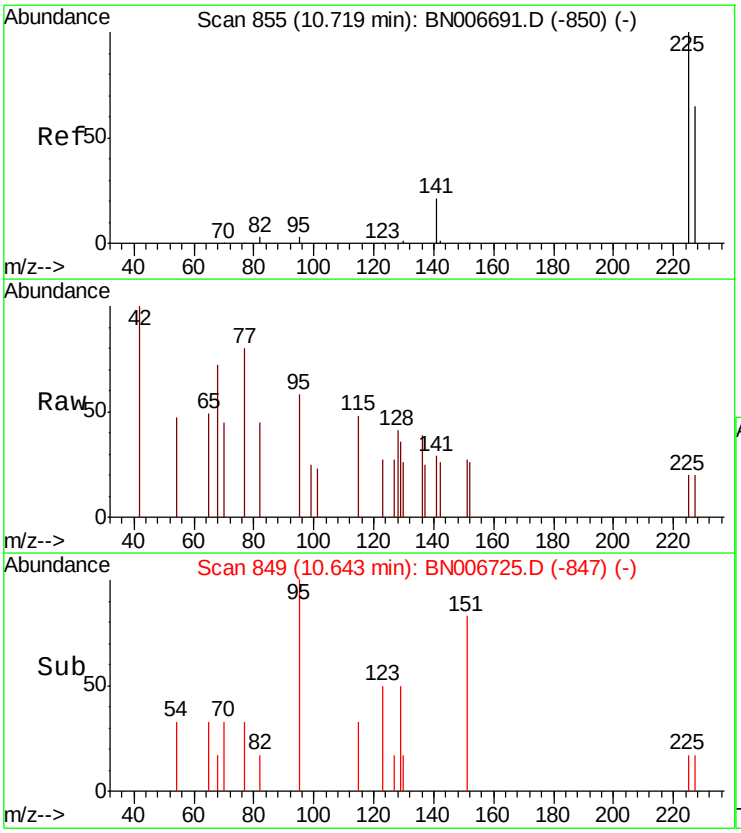
#9
Naphthalene
Concen: 0.072 ng
RT: 10.41 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:128 Resp: 2220

Ion	Ratio	Lower	Upper
128	100		
129	18.4	9.6	14.4#
127	18.6	11.0	16.4#

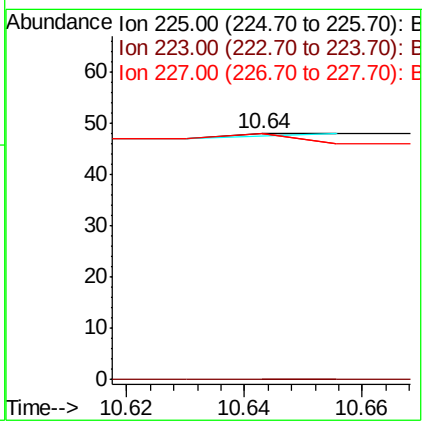


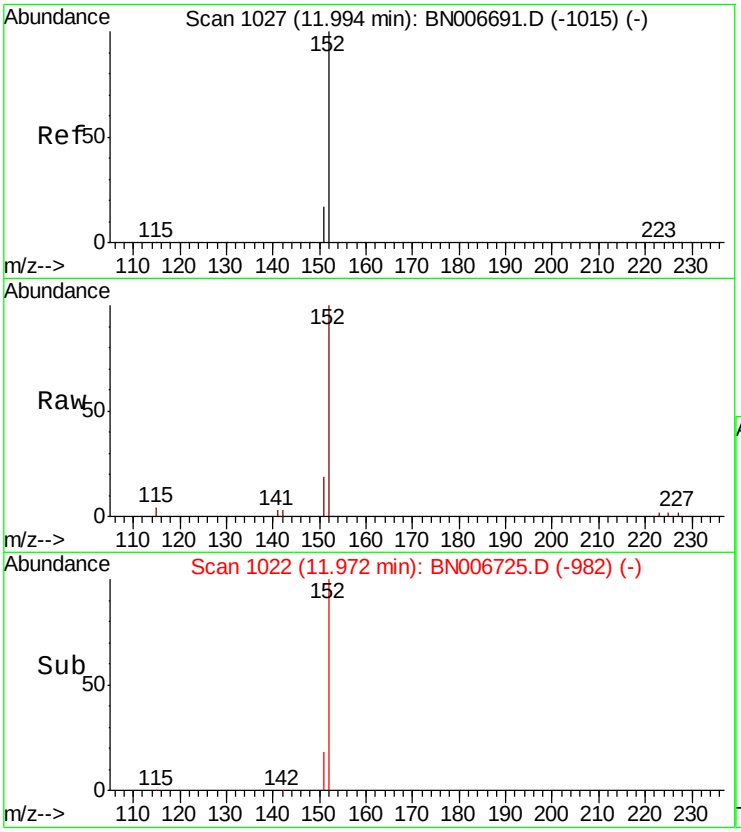


#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.64 min Scan# 849
Delta R.T. -0.08 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:225 Resp: 1

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



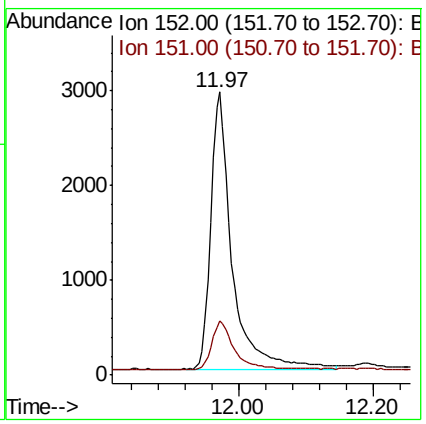


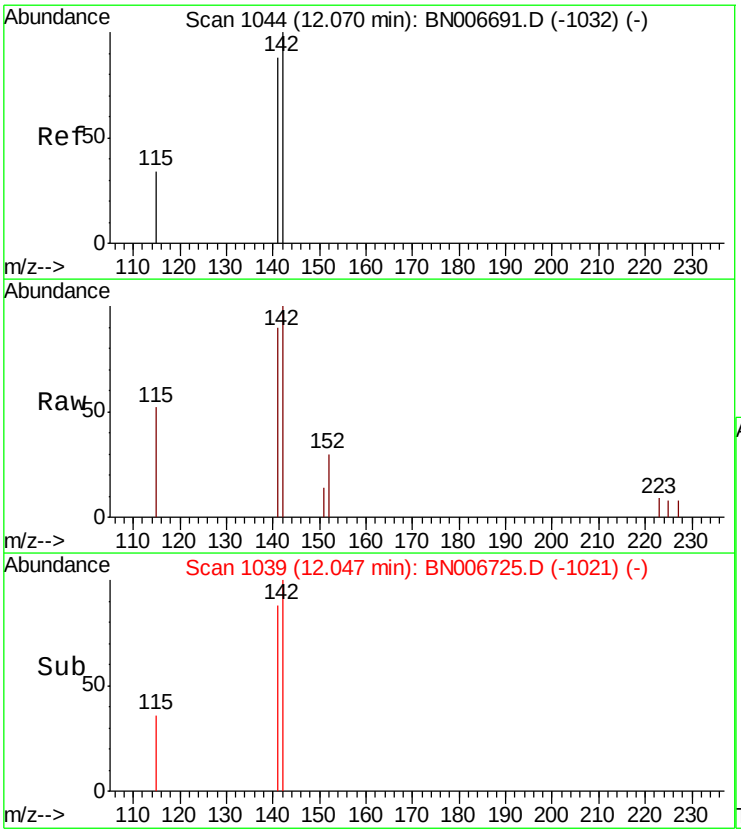
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 11.97 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:152 Resp: 6435

Ion	Ratio	Lower	Upper
152	100		
151	18.4	14.9	22.3

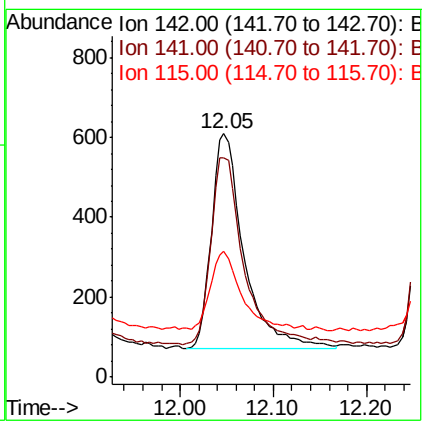


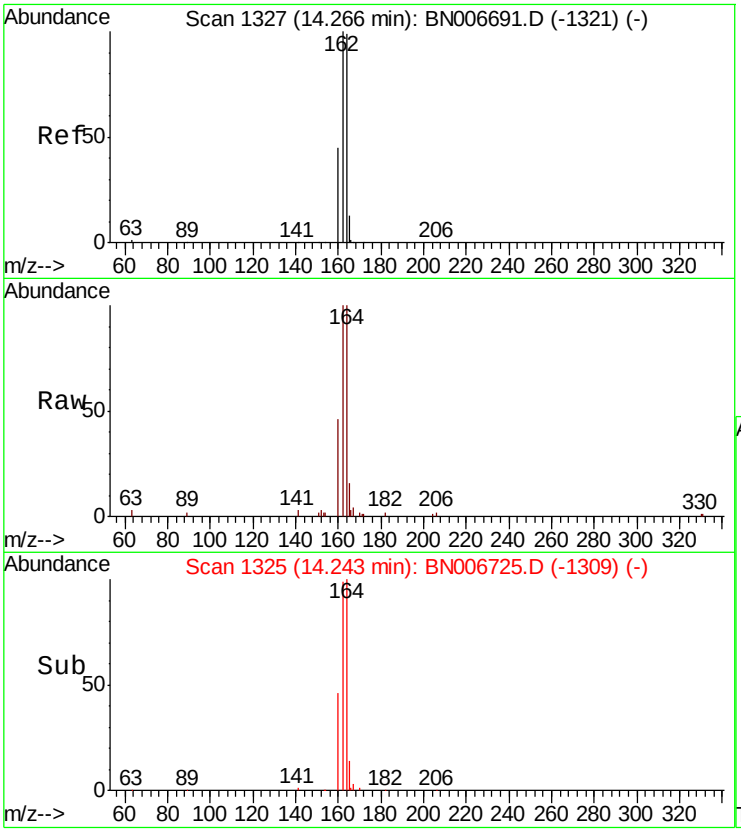


#12
2-Methylnaphthalene
Concen: 0.017 ng
RT: 12.05 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:142 Resp: 1303

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.3	105.5
115	51.7	28.9	43.3#



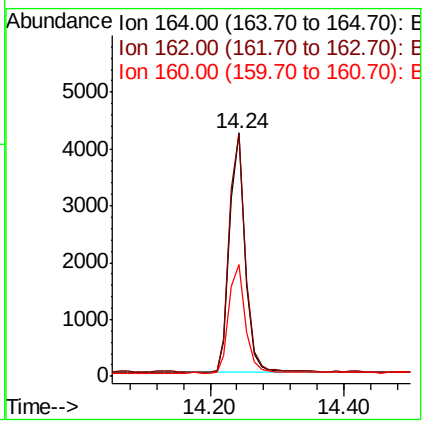


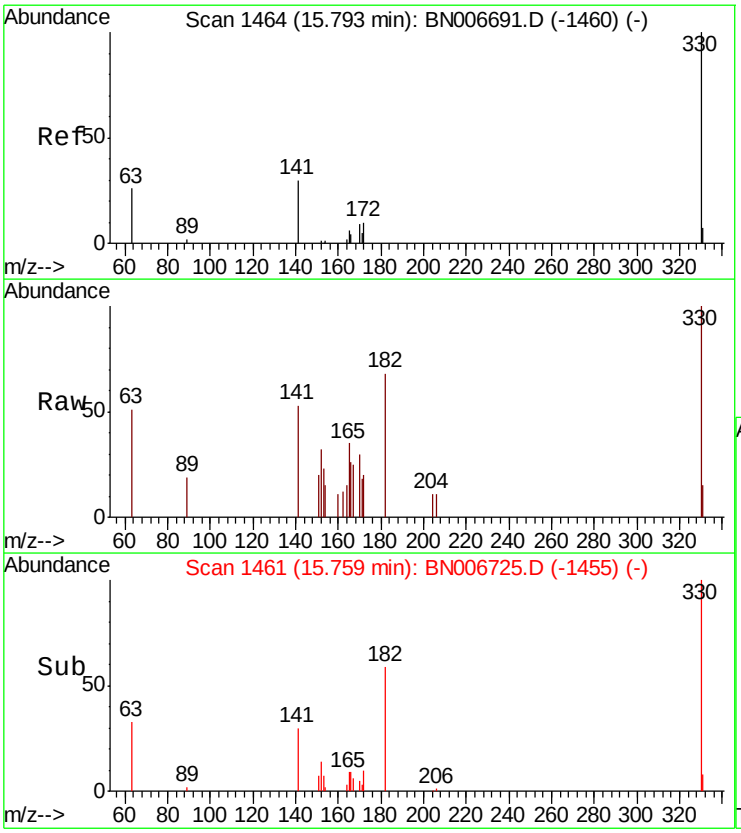
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:164 Resp: 6700

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.8	121.2
160	46.1	37.0	55.6

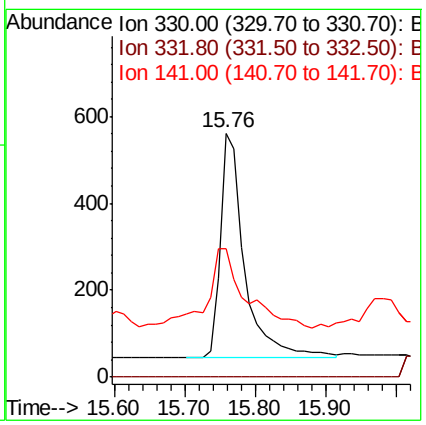


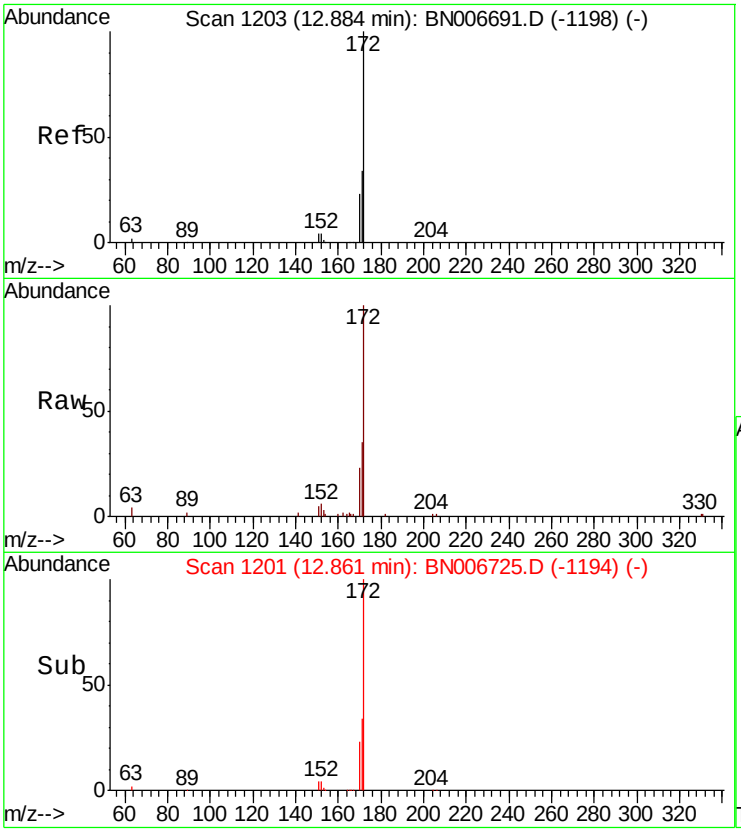


#14
2,4,6-Tribromophenol
Concen: 0.378 ng
RT: 15.76 min Scan# 1461
Delta R.T. -0.03 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:330 Resp: 1244

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	53.6	24.8	37.2#



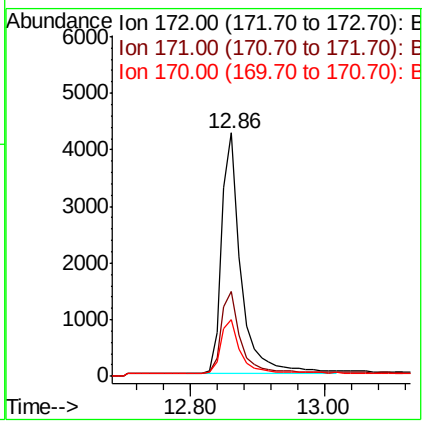


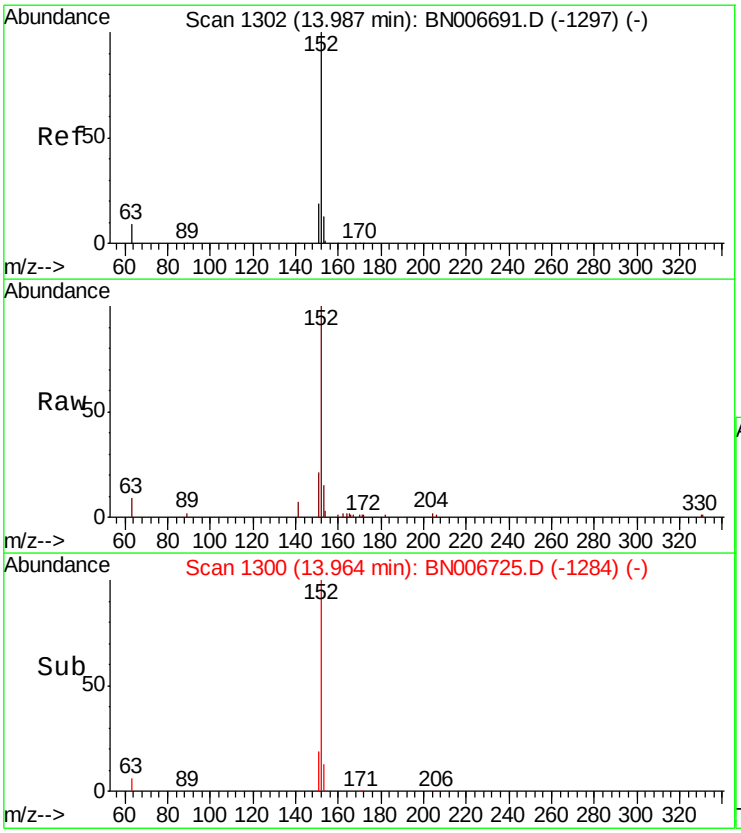
#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:172 Resp: 8599

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.4	18.9	28.3

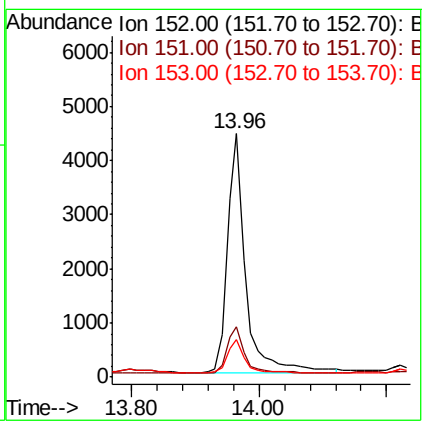


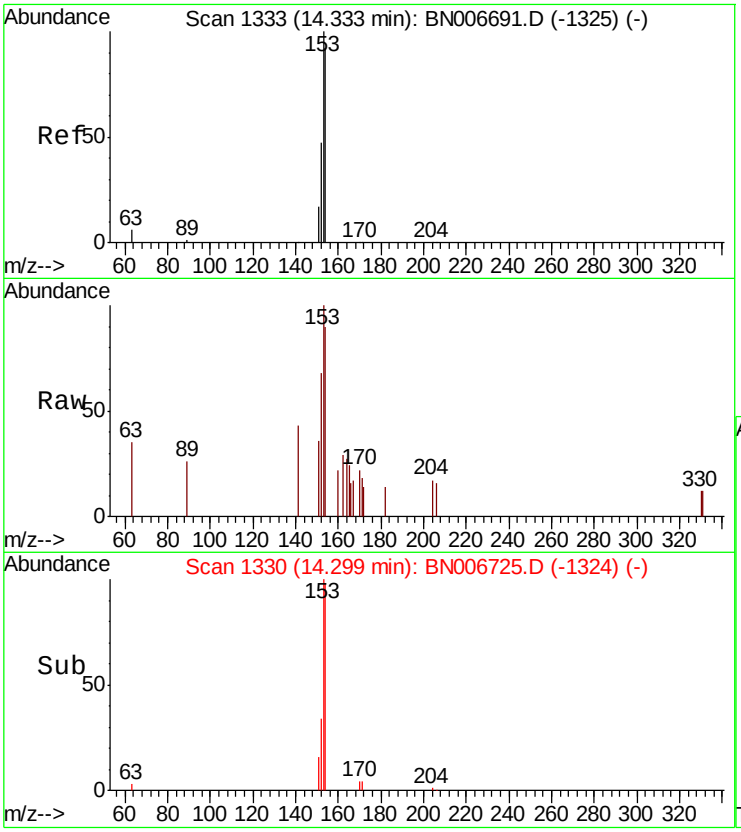


#16
Acenaphthylene
Concen: 0.259 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:152 Resp: 8640

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.5	10.6	15.8



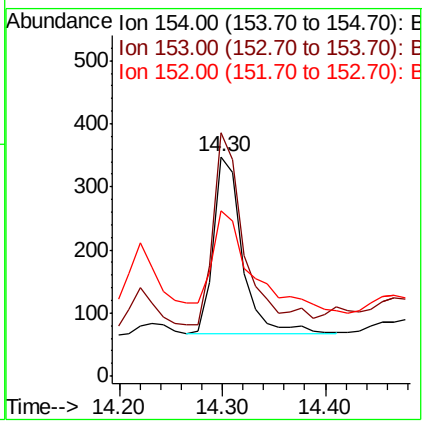


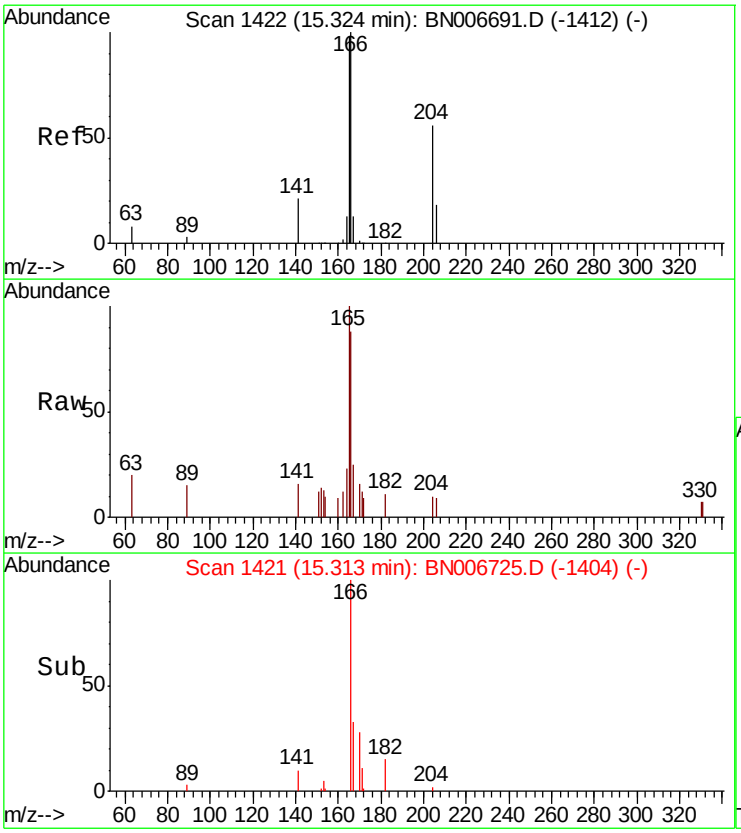
#17
Acenaphthene
Concen: 0.025 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:154 Resp: 538

Ion	Ratio	Lower	Upper
154	100		
153	118.2	88.9	133.3
152	81.2	42.8	64.2#

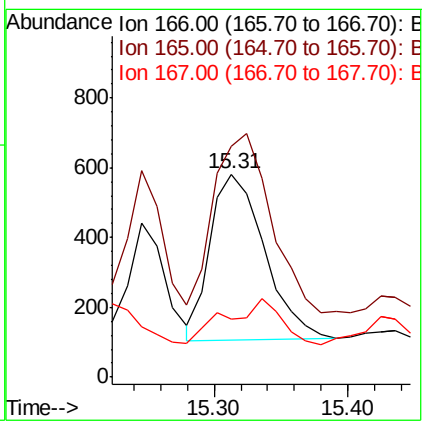


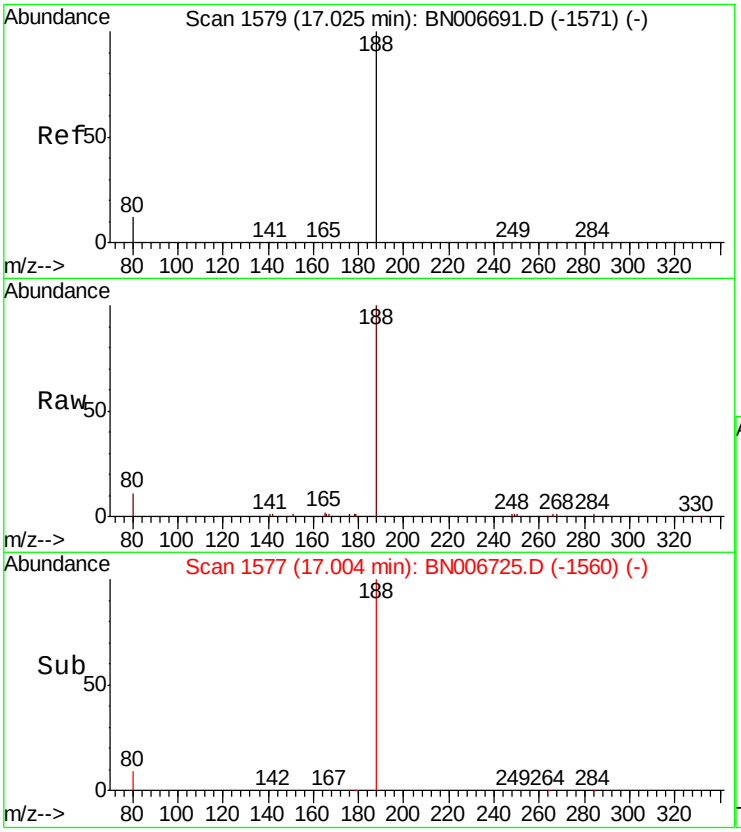


#18
Fluorene
Concen: 0.051 ng
RT: 15.31 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:166 Resp: 1335

Ion	Ratio	Lower	Upper
166	100		
165	116.6	78.0	117.0
167	0.0	10.7	16.1#



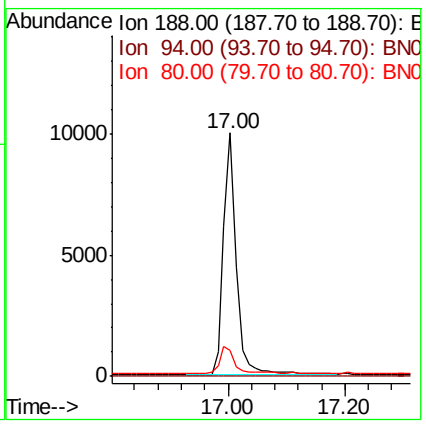


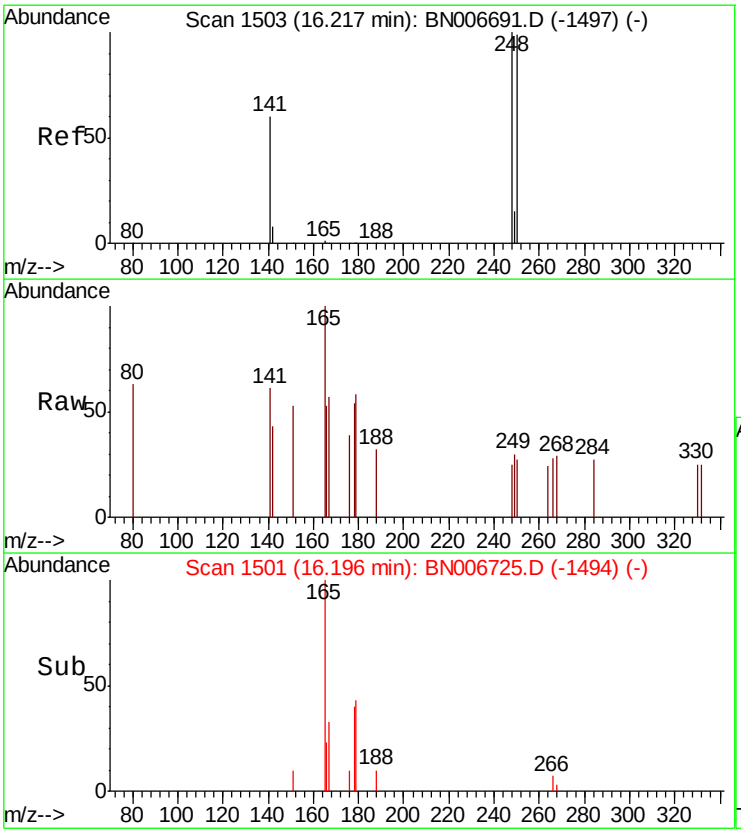
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:188 Resp: 15507

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	10.3	15.5

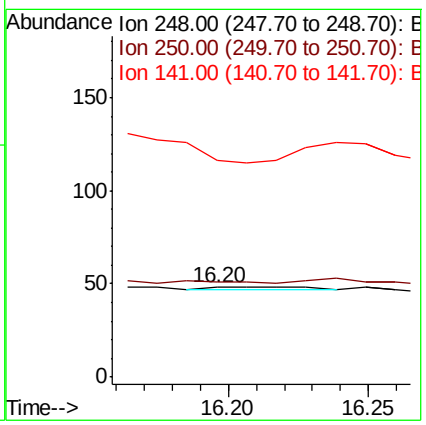


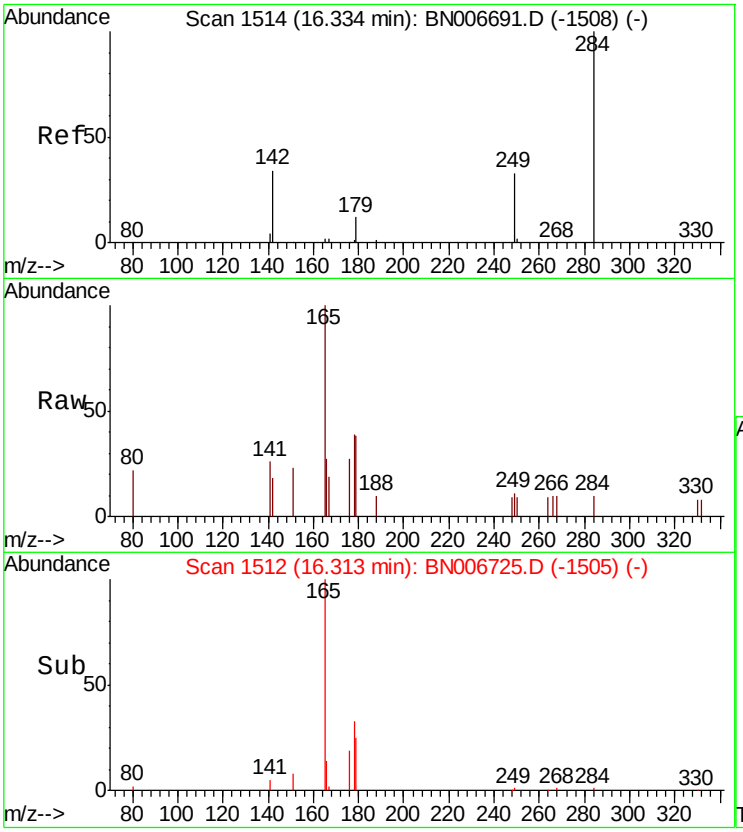


#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.20 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:248 Resp: 3

Ion	Ratio	Lower	Upper
248	100		
250	106.3	79.0	118.6
141	241.7	50.2	75.4#



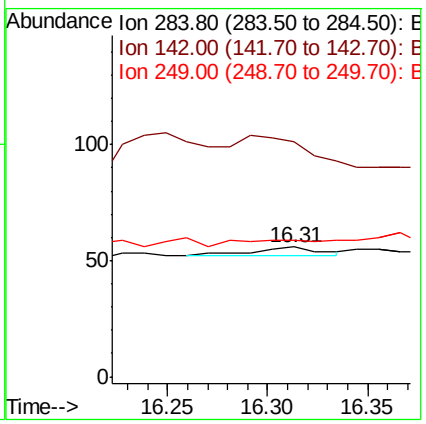


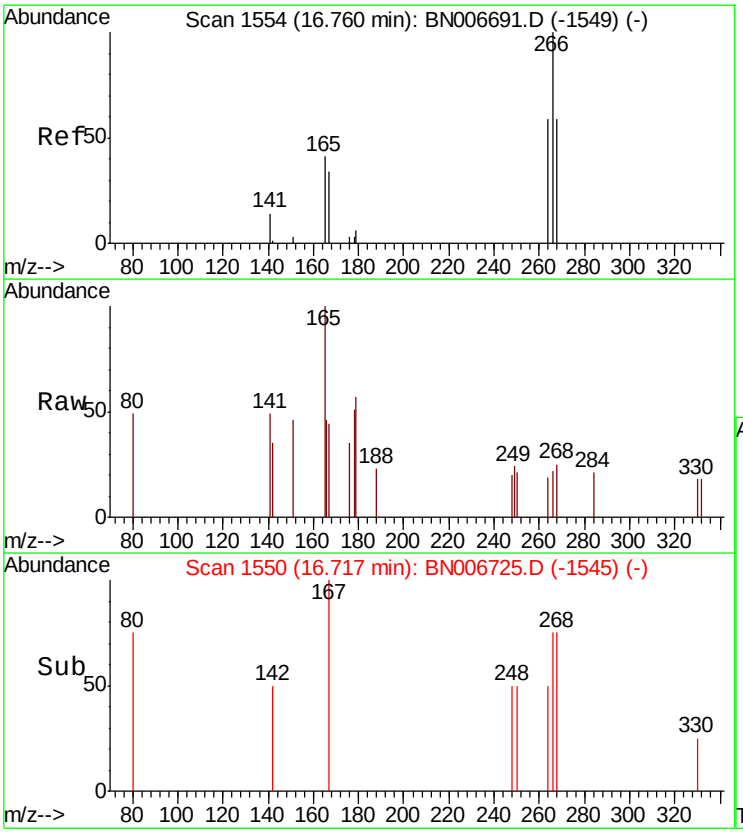
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.31 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:284 Resp: 9

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

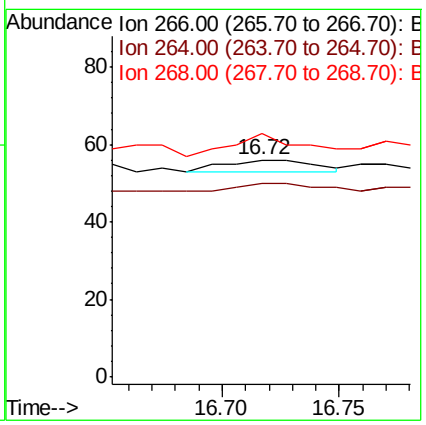


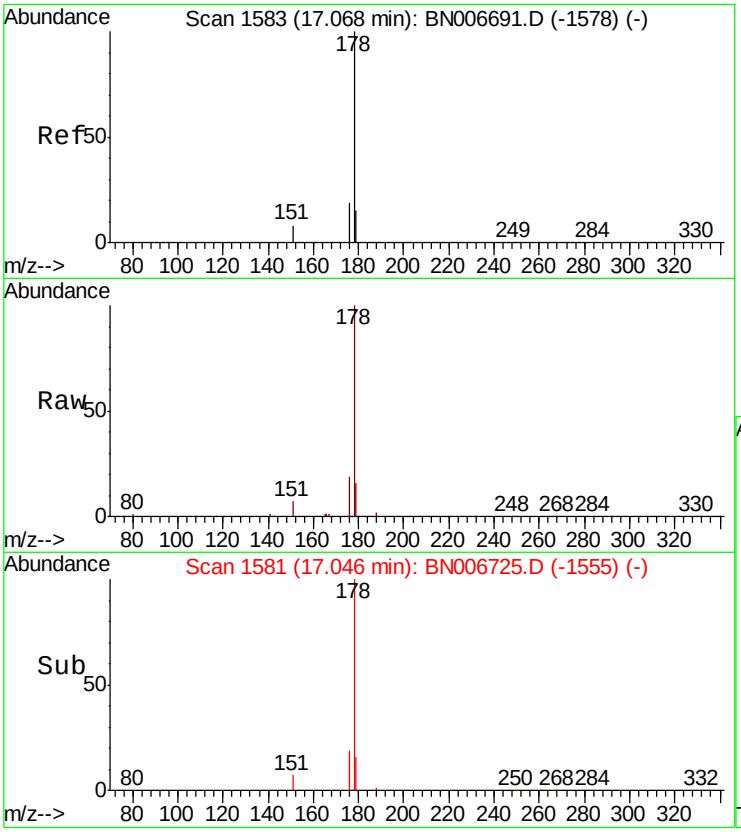


#22
Pentachlorophenol
Concen: 0.116 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.04 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:266 Resp: 8

Ion	Ratio	Lower	Upper
266	100		
264	89.3	57.6	86.4#
268	112.5	66.6	99.8#



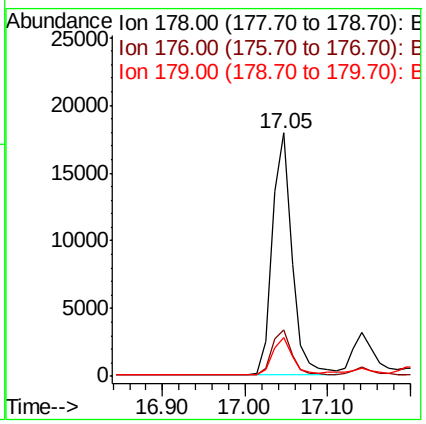


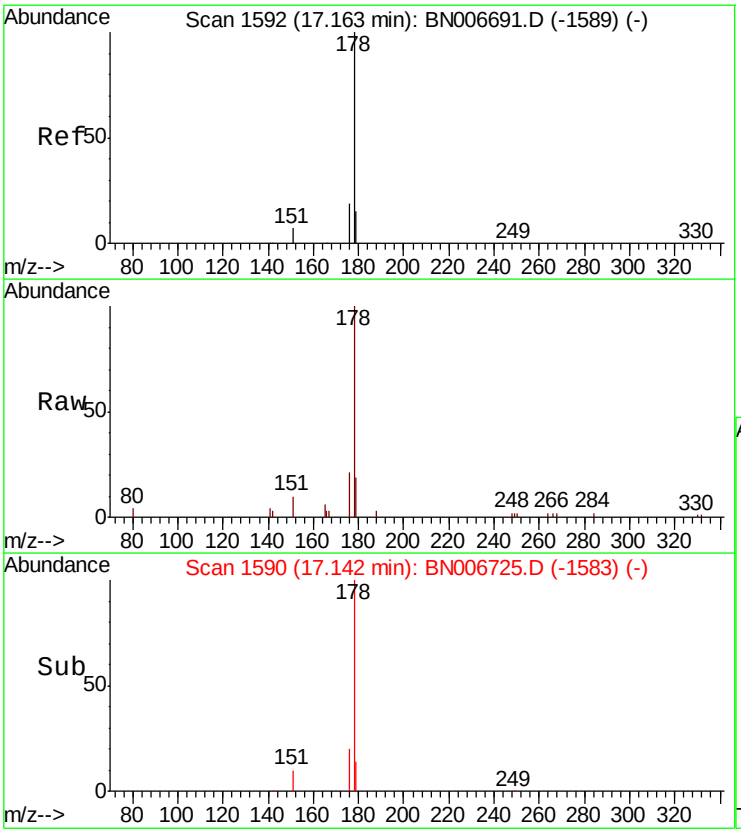
#23
Phenanthrene
Concen: 0.663 ng
RT: 17.05 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:178 Resp: 29645

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.8	12.4	18.6

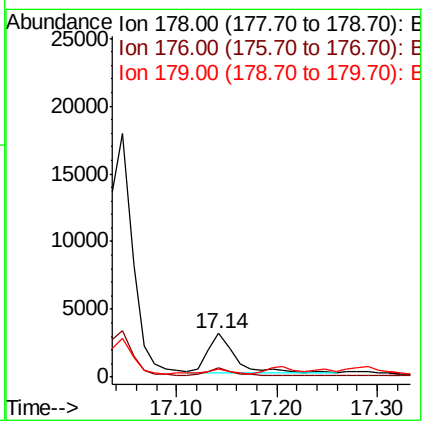


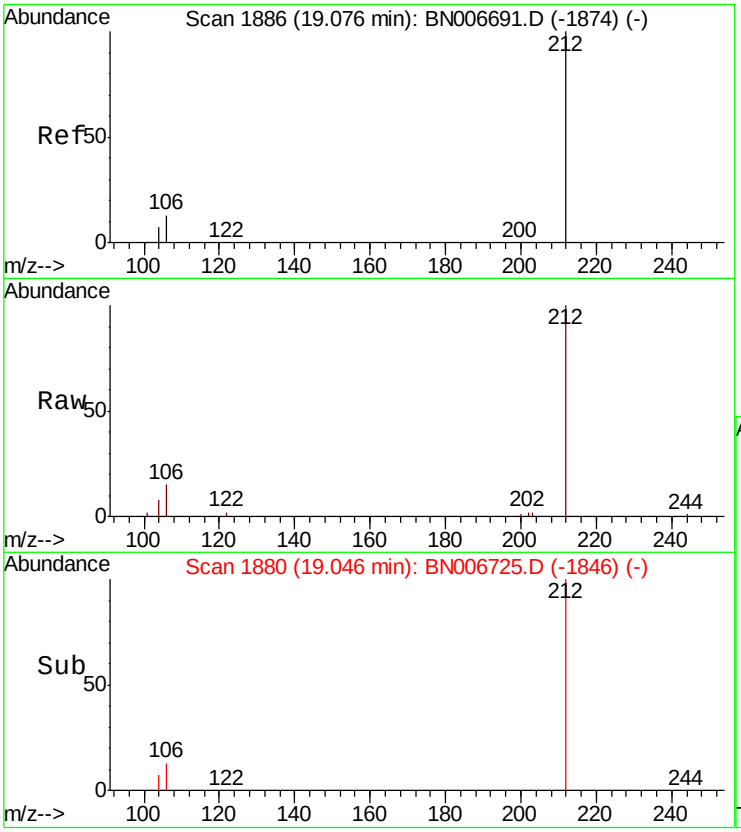


#24
Anthracene
Concen: 0.135 ng
RT: 17.14 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:178 Resp: 5463

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.8	22.2
179	8.8	11.9	17.9#



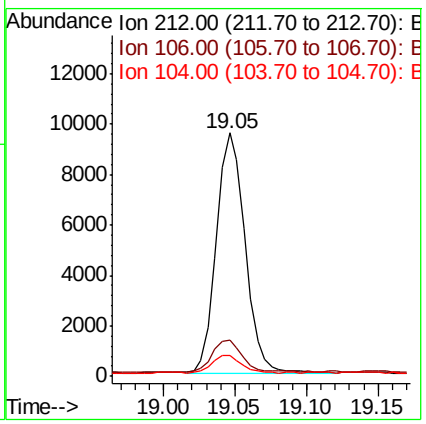


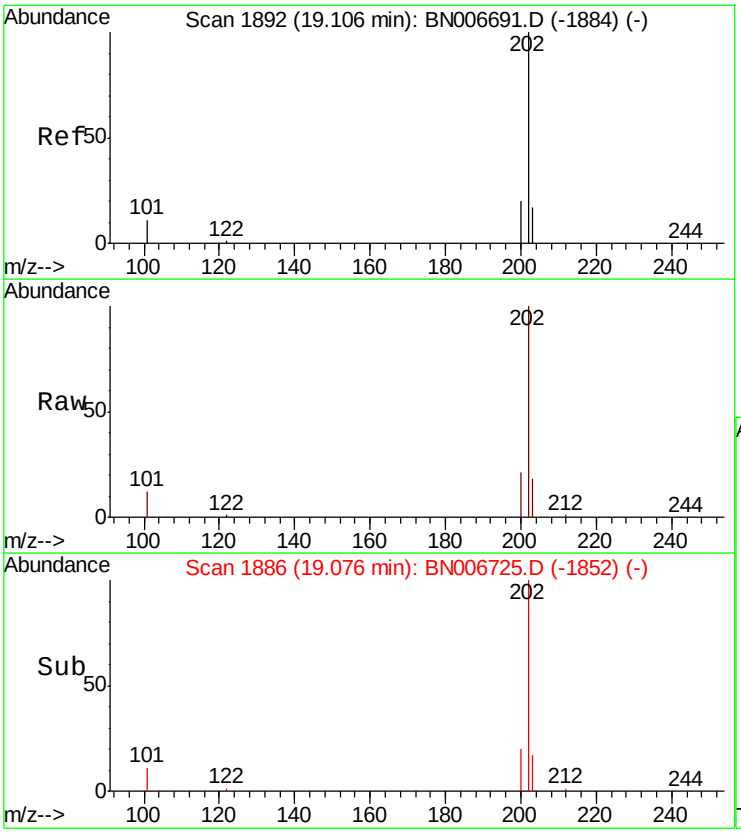
#25
Fluoranthene-d10
Concen: 0.296 ng
RT: 19.05 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:212 Resp: 13138

Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.0	16.6
104	7.4	6.1	9.1

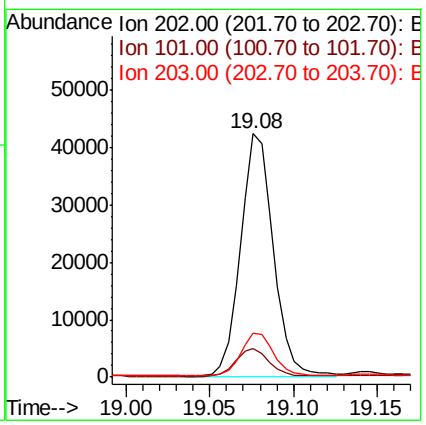


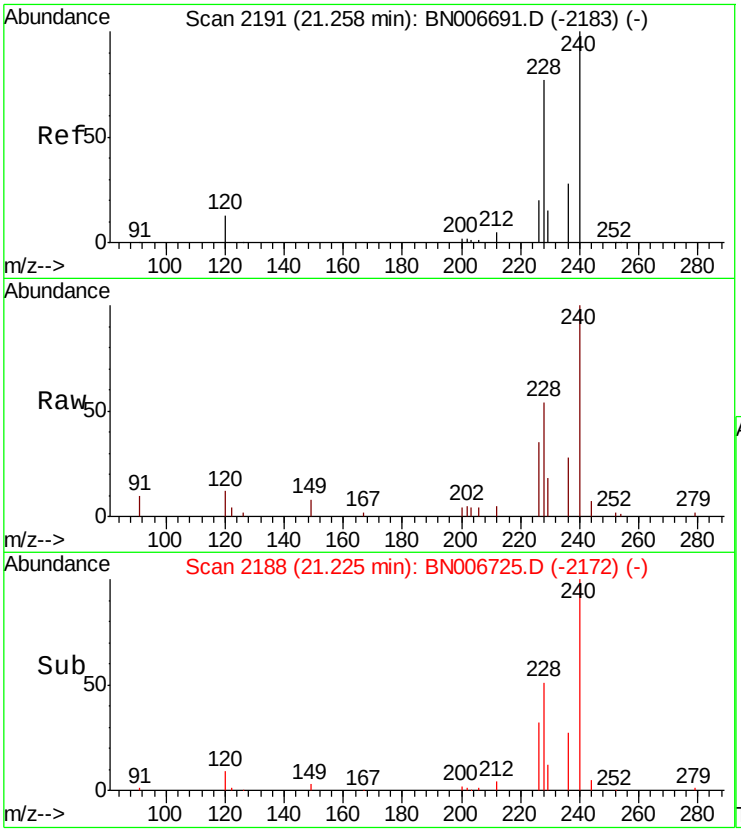


#26
Fluoranthene
Concen: 1.104 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.03 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:202 Resp: 57937

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.7	13.1
203	17.8	13.8	20.6



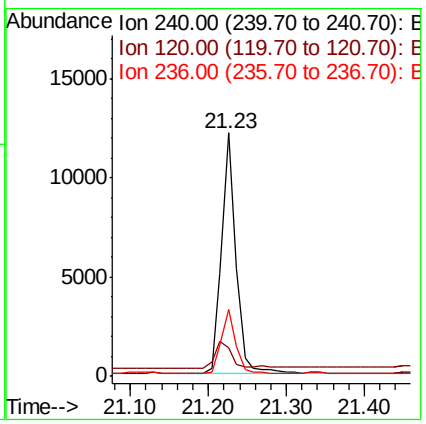


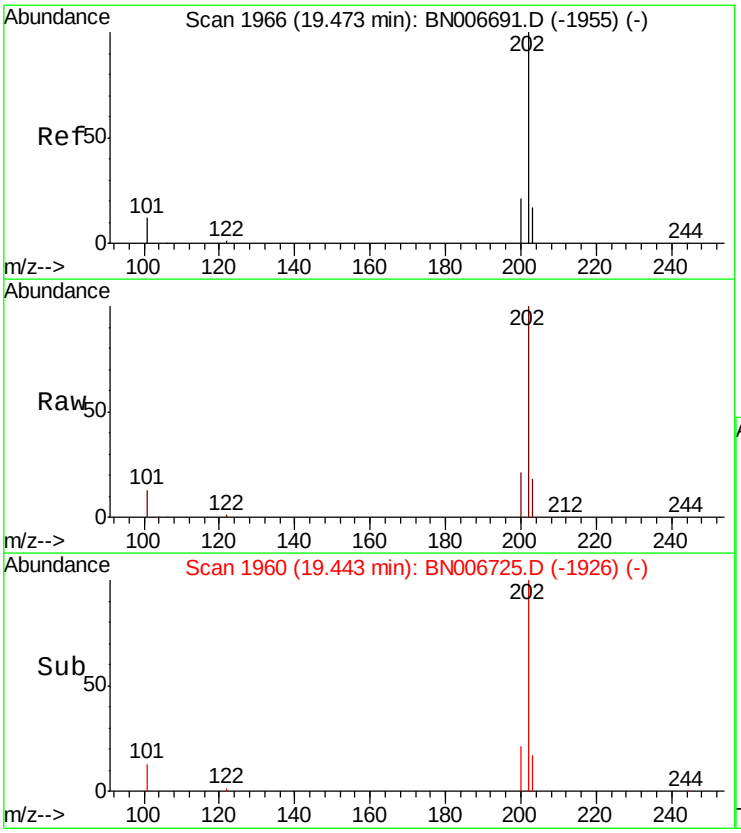
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:240 Resp: 15634

Ion	Ratio	Lower	Upper
240	100		
120	11.7	12.9	19.3#
236	27.6	23.2	34.8

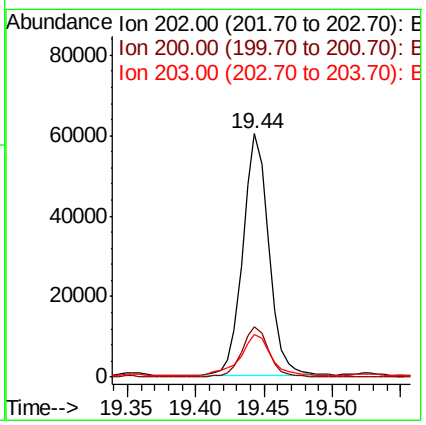


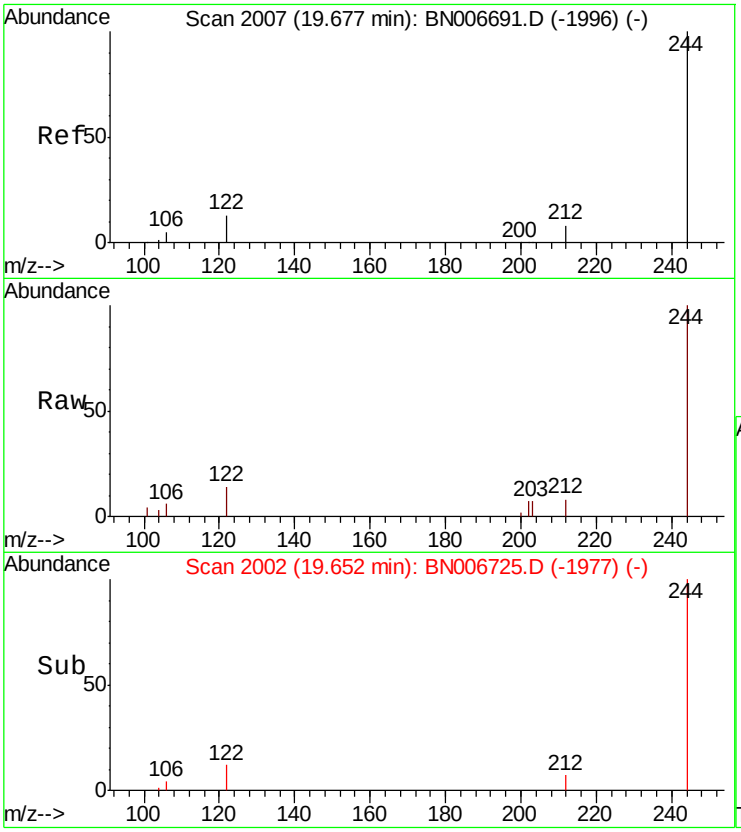


#28
Pyrene
Concen: 1.281 ng
RT: 19.44 min Scan# 1960
Delta R.T. -0.03 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:202 Resp: 80157

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	20.2	14.2	21.2



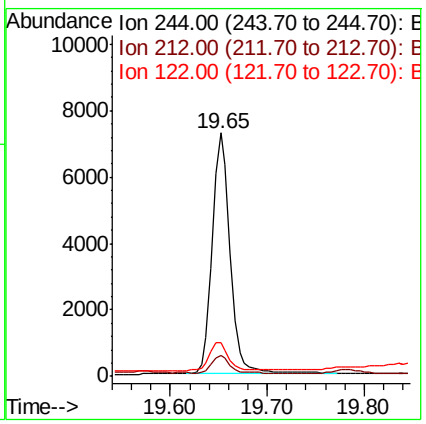


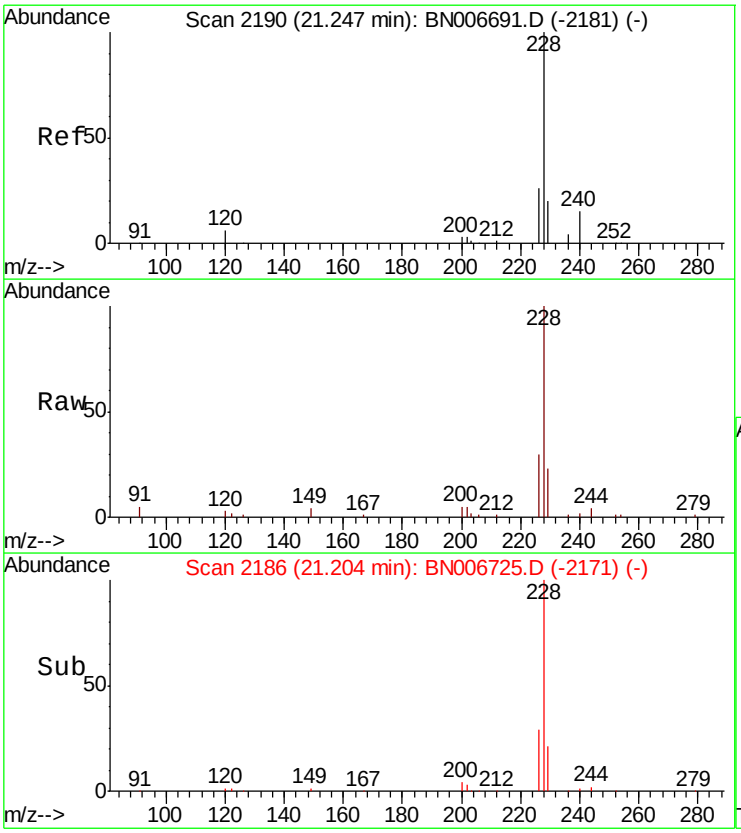
#29
Terphenyl-d14
Concen: 0.263 ng
RT: 19.65 min Scan# 2002
Delta R.T. -0.03 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:244 Resp: 9463

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	14.0	11.5	17.3

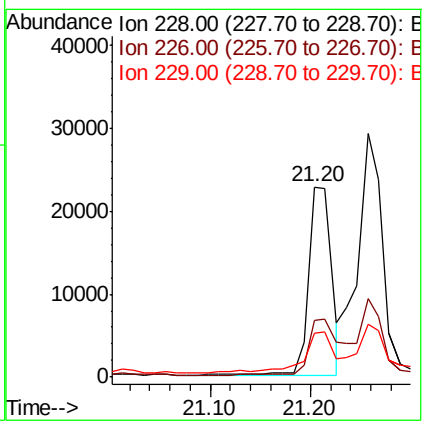


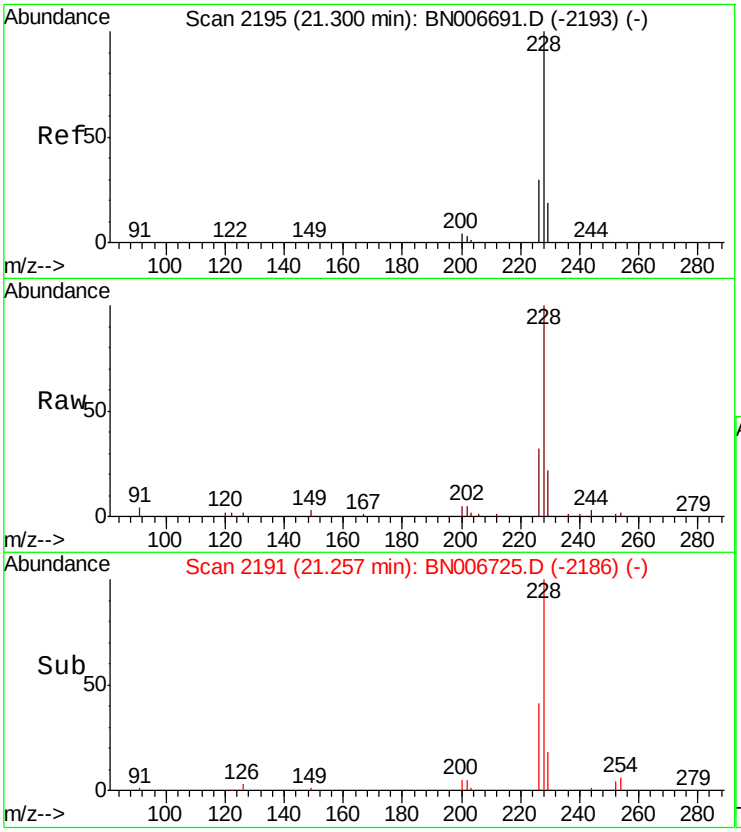


#30
Benzo(a)anthracene
Concen: 0.671 ng
RT: 21.20 min Scan# 2186
Delta R.T. -0.04 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:228 Resp: 36194

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.5	32.3
229	22.9	16.2	24.4



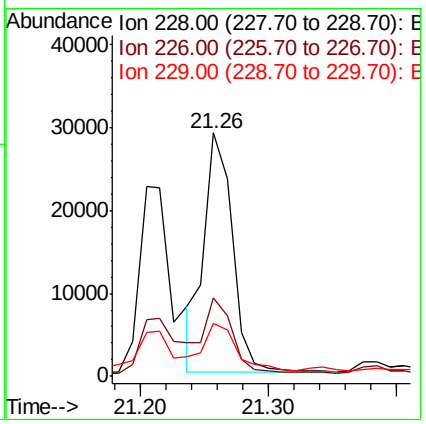


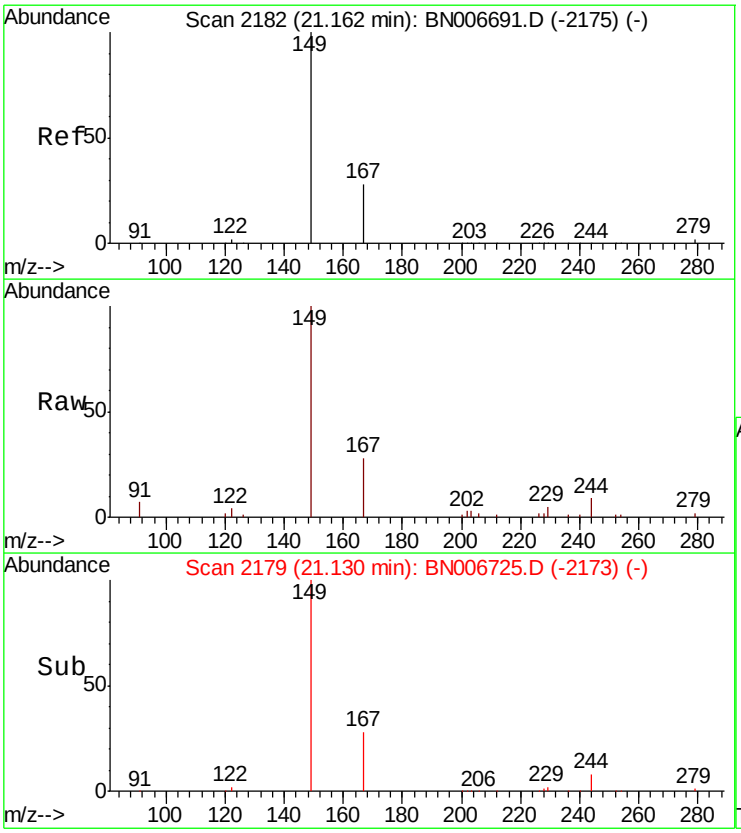
#31
Chrysene
Concen: 0.800 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:228 Resp: 44483

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.2	36.2
229	21.8	15.8	23.6

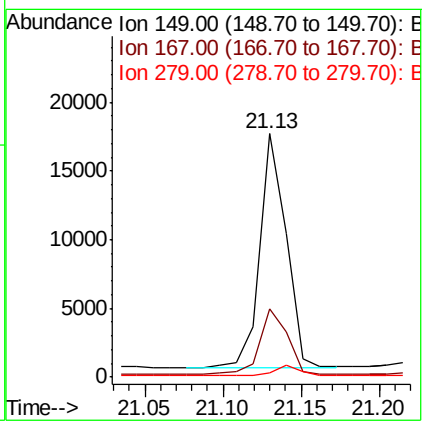


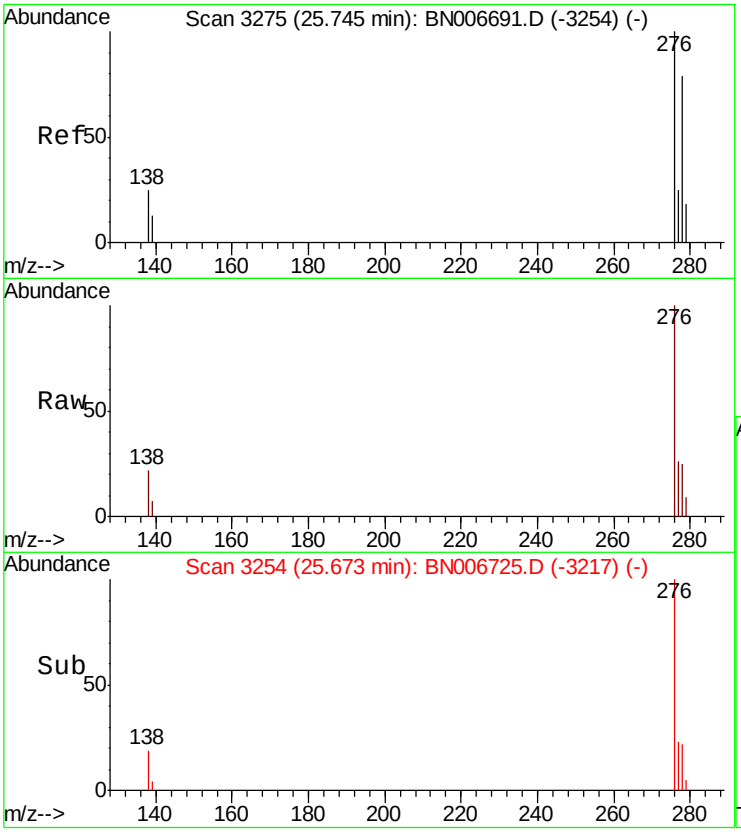


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.123 ng
RT: 21.13 min Scan# 2179
Delta R.T. -0.03 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:149 Resp: 19852

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.9	34.3
279	4.1	3.2	4.8



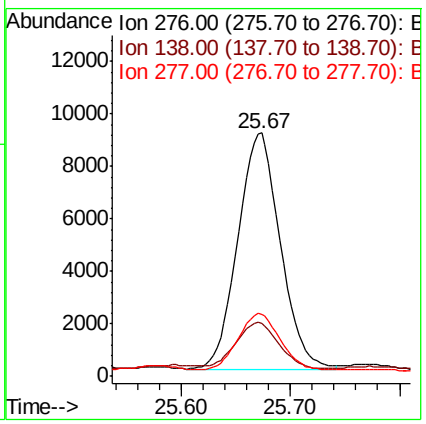


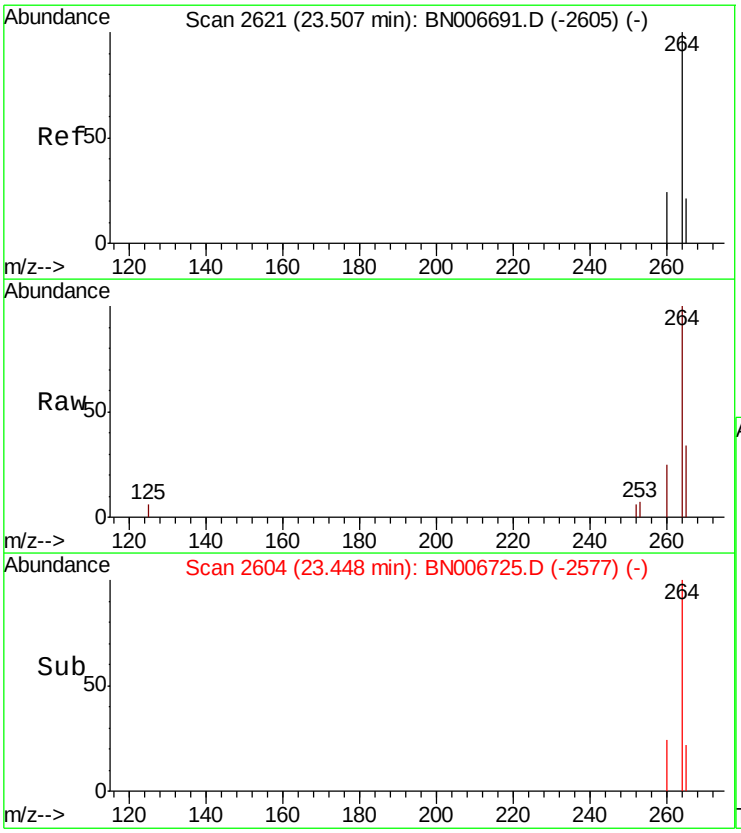
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng
RT: 25.67 min Scan# 3254
Delta R.T. -0.07 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:276 Resp: 24451

Ion	Ratio	Lower	Upper
276	100		
138	20.0	19.5	29.3
277	23.8	19.7	29.5

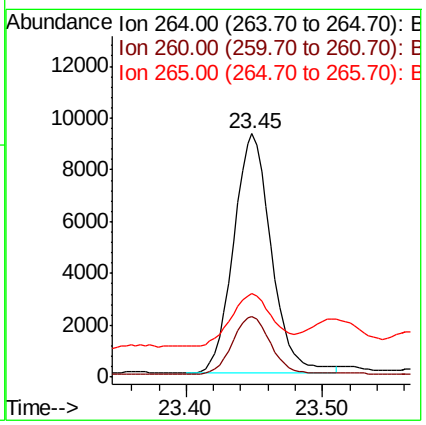


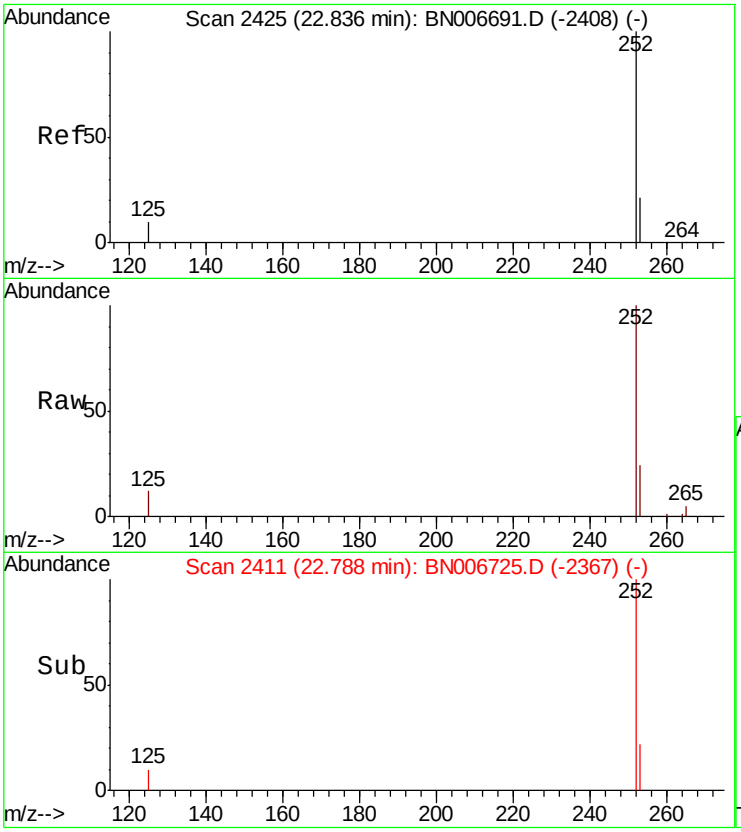


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.45 min Scan# 2604
Delta R.T. -0.06 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:264 Resp: 17744

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.2
265	34.4	33.7	50.5



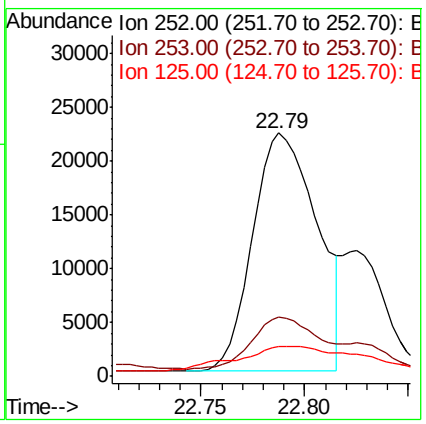


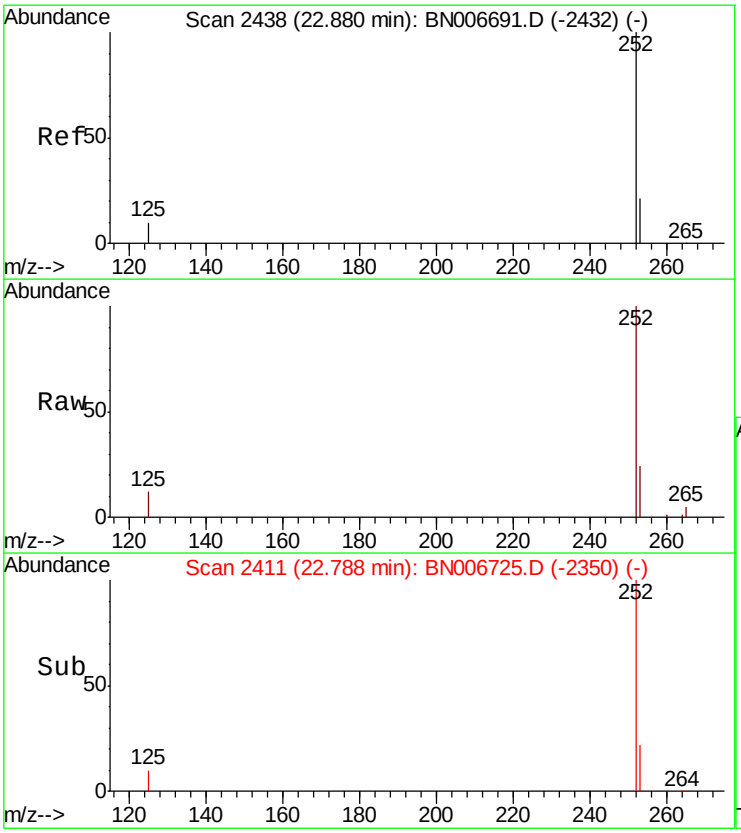
#35
Benzo(b)fluoranthene
Concen: 0.839 ng
RT: 22.79 min Scan# 2411
Delta R.T. -0.05 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:252 Resp: 47780

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.2	30.2
125	12.0	11.5	17.3

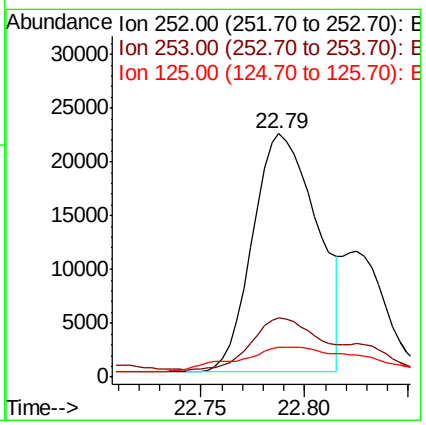


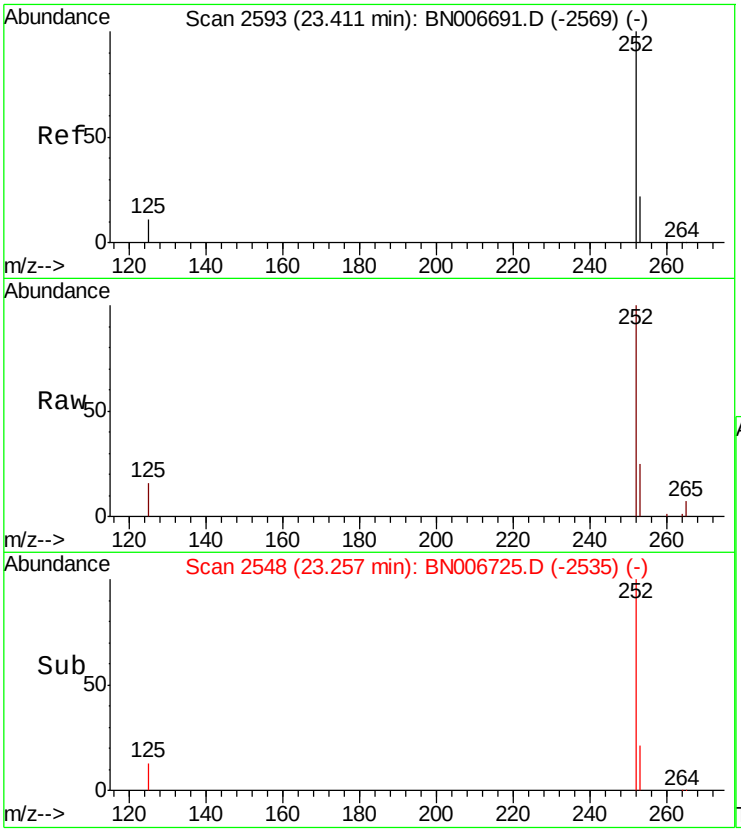


#36
Benzo(k)fluoranthene
Concen: 0.774 ng
RT: 22.79 min Scan# 2411
Delta R.T. -0.09 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:252 Resp: 47780

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.1	30.1
125	12.0	11.4	17.0



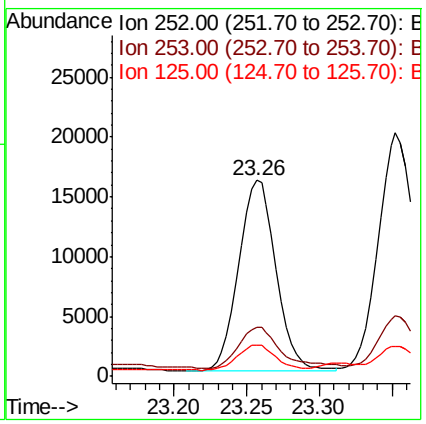


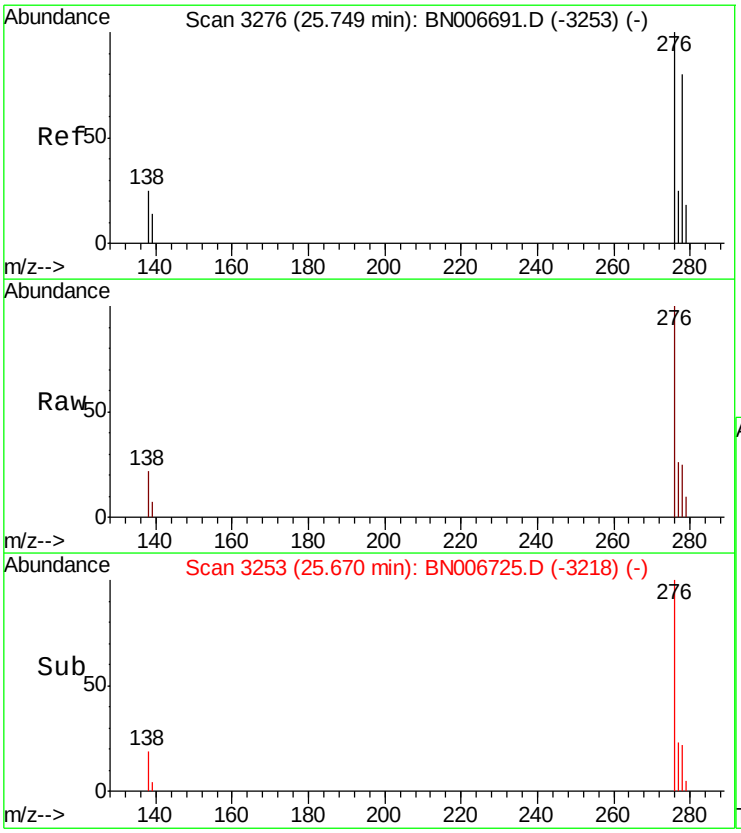
#37
Benzo(a)pyrene
Concen: 0.517 ng
RT: 23.26 min Scan# 2548
Delta R.T. -0.15 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:252 Resp: 28553

Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.4	32.2
125	16.1	13.3	19.9

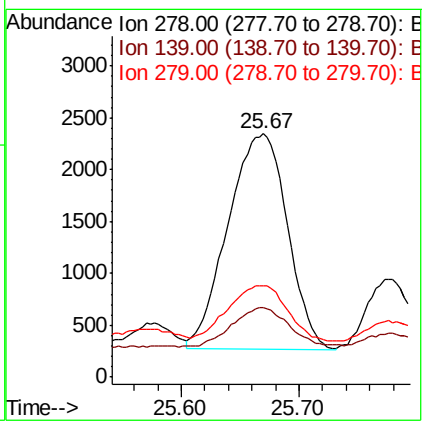


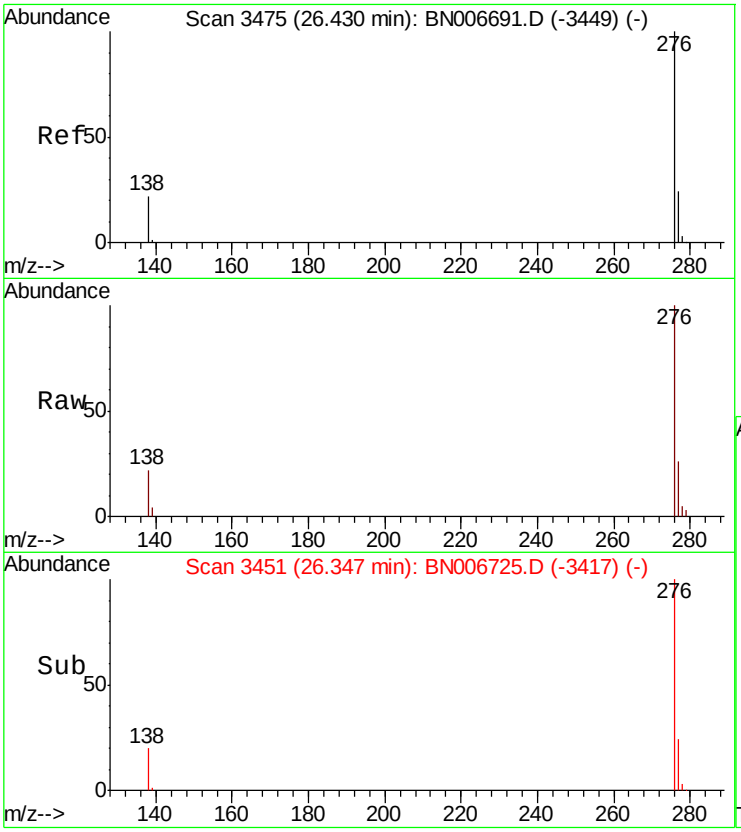


#38
Dibenzo(a,h)anthracene
Concen: 0.133 ng
RT: 25.67 min Scan# 3253
Delta R.T. -0.08 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Tgt Ion:278 Resp: 7282

Ion	Ratio	Lower	Upper
278	100		
139	28.5	16.2	24.4#
279	37.6	20.7	31.1#





#39
Benzo(g,h,i)perylene
Concen: 0.472 ng
RT: 26.35 min Scan# 3451
Delta R.T. -0.08 min
Lab File: BN006725.D
Acq: 05 Jul 2019 20:35

Instrument :
BNA_N
ClientSampleId :
EXT-012-SW139-062419

Tgt Ion:276 Resp: 26604

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.6	30.8
138	22.4	19.7	29.5