Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006674.D
Acq On : 02 Jul 2019 00:33
Operator : HP/JU
Sample : K3505-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-009-SW144-062019

Quant Time: Jul 02 05:08:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4396	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	17885	0.40	ng		-0.01
13) Acenaphthene-d10	14.27	164	9796	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	20677	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	18781	0.40	ng		-0.02
34) Perylene-d12	23.48	264	22213	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	2255	0.21	ng		0.00
5) Phenol-d6	6.82	99	2954	0.21	ng		0.00
8) Nitrobenzene-d5	8.79	82	1991	0.17	ng		0.00
11) 2-Methylnaphthalene-d10	11.99	152	4843	0.17	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	1072	0.23	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	6418	0.18	ng		-0.01
25) Fluoranthene-d10	19.07	212	9504	0.16	ng		-0.01
29) Terphenyl-d14	19.67	244	7482	0.19	ng		-0.01
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	6.99	93	744	0.058	ng	#	47
9) Naphthalene	10.44	128	18829	0.401	ng		99
12) 2-Methylnaphthalene	12.07	142	13614	0.419	ng		100
16) Acenaphthylene	13.99	152	107371	2.299	ng		99
17) Acenaphthene	14.33	154	6321	0.205	ng		93
18) Fluorene	15.32	166	16383	0.422	ng	#	11
22) Pentachlorophenol	16.71	266	31	0.201	ng	#	77
23) Phenanthrene	17.07	178	274456	4.668	ng		99
24) Anthracene	17.16	178	83113	1.629	ng		99
26) Fluoranthene	19.10	202	450046	6.299	ng		98
28) Pyrene	19.47	202	570185	8.676	ng		97
30) Benzo(a)anthracene	21.23	228	249954	4.071	ng		95
31) Chrysene	21.28	228	298523	4.510	ng		96
32) Bis(2-ethylhexyl)phthalate	21.15	149	47046	1.522	ng		100
33) Indeno(1,2,3-cd)pyrene	25.71	276	172484	2.574	ng		97
35) Benzo(b)fluoranthene	22.81	252	323392	4.280	ng		99
36) Benzo(k)fluoranthene	22.81	252	323392	4.015	ng		99
37) Benzo(a)pyrene	23.38	252	245285	3.472	ng		100
38) Dibenzo(a,h)anthracene	25.70	278	48611	0.788	ng	#	81
39) Benzo(g,h,i)perylene	26.39	276	190695	3.096	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006674.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
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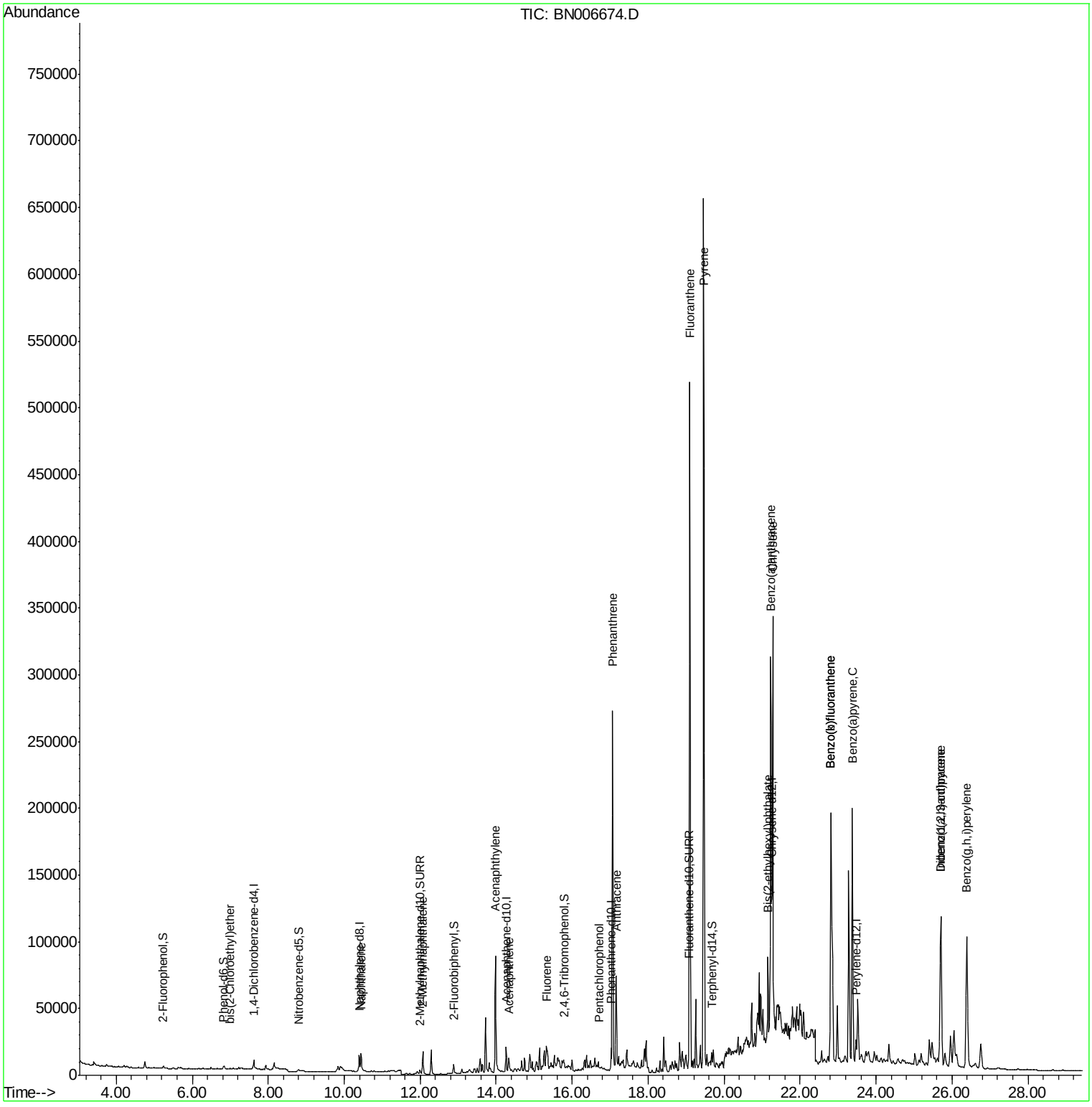
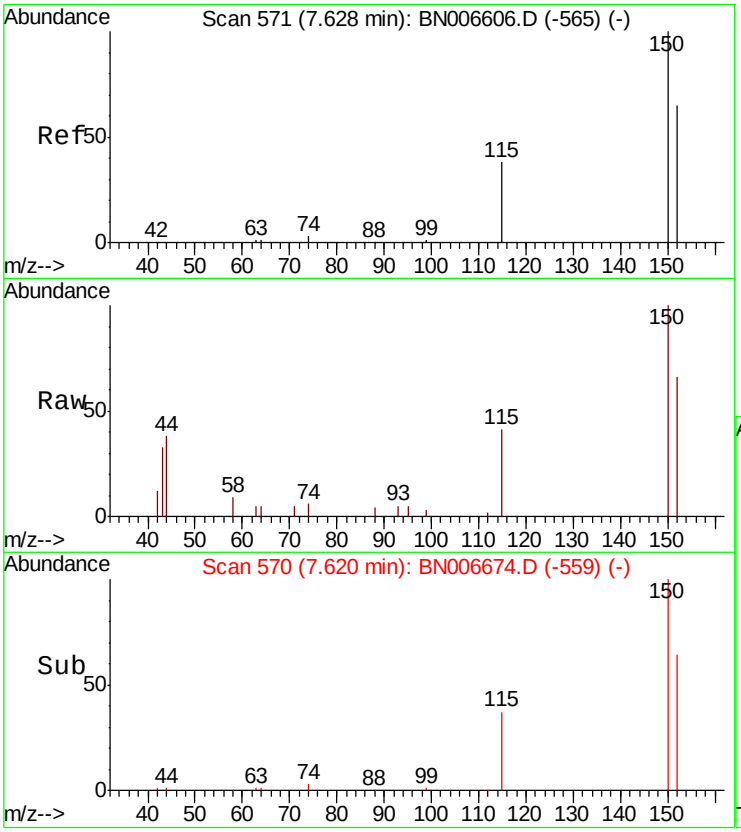


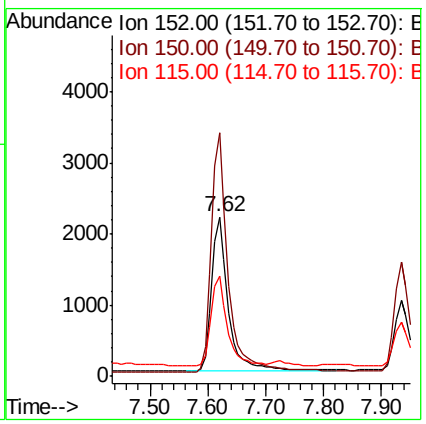


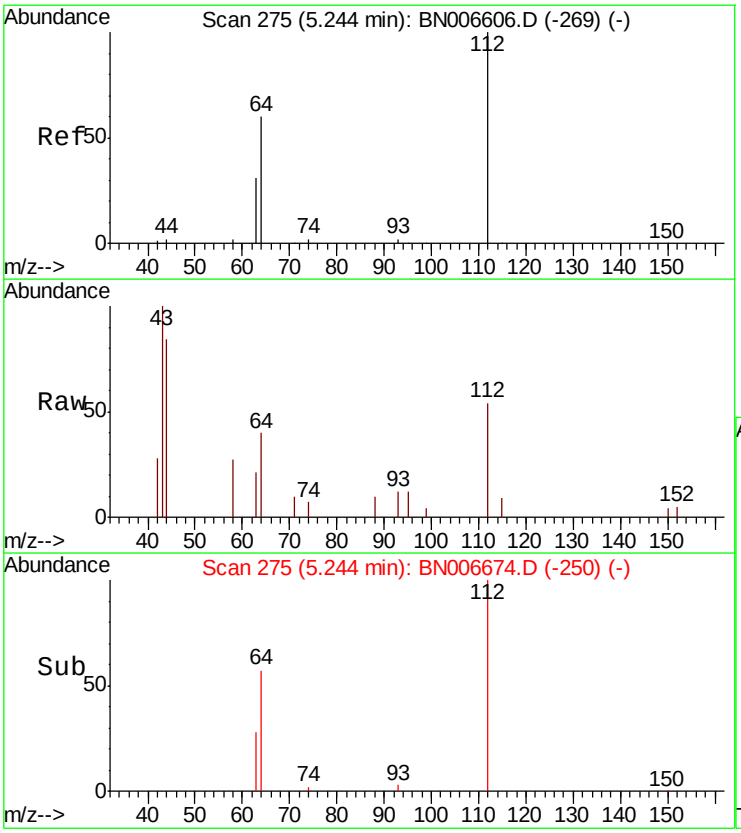
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion:152 Resp: 4396

Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.2	183.2
115	62.7	50.0	75.0

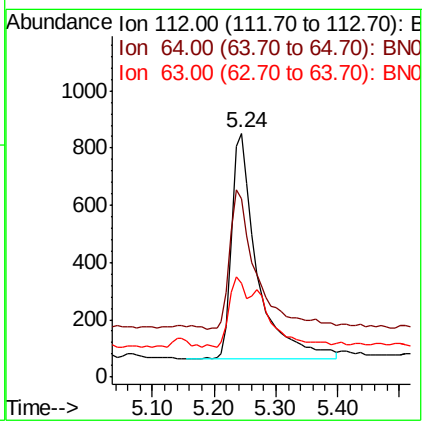


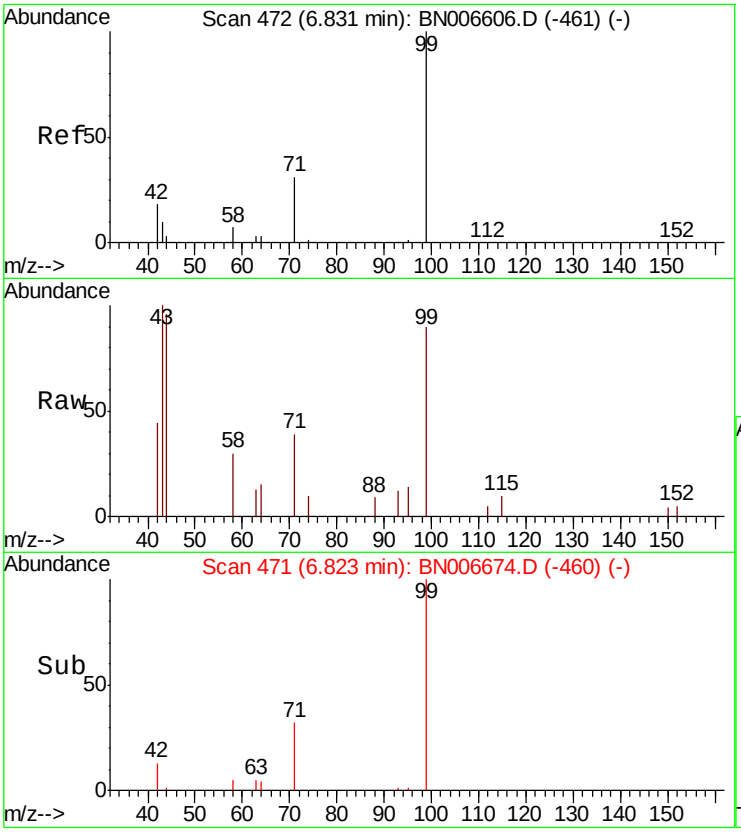


#4
2-Fluorophenol
Concen: 0.209 ng
RT: 5.24 min Scan# 275
Delta R.T. -0.00 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion:112 Resp: 2255

Ion	Ratio	Lower	Upper
112	100		
64	64.2	48.9	73.3
63	42.1	24.3	36.5#



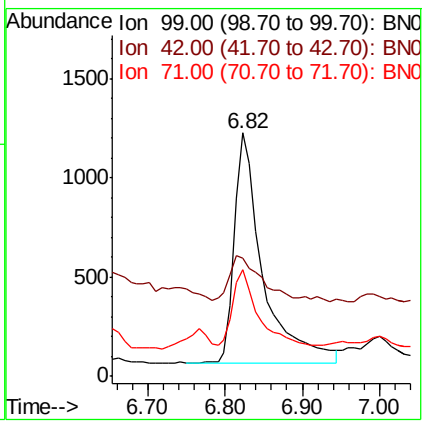


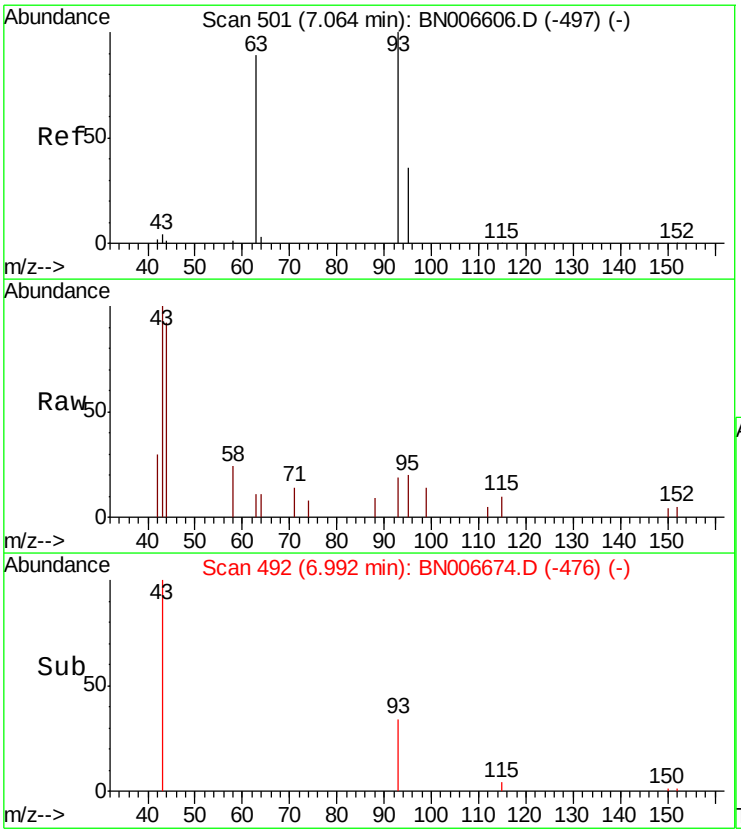
#5
Phenol-d6
Concen: 0.207 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion: 99 Resp: 2954

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.4	24.6
71	28.5	26.6	40.0

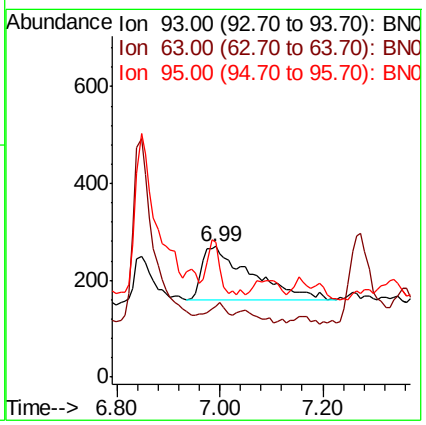


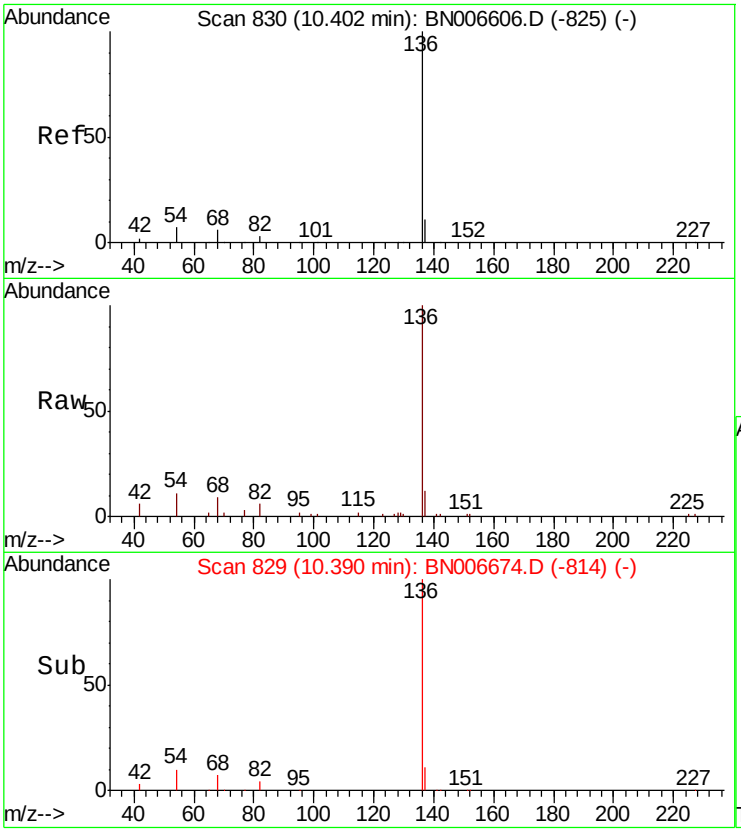


#6
bis(2-Chloroethyl)ether
Concen: 0.058 ng
RT: 6.99 min Scan# 492
Delta R.T. -0.07 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion: 93 Resp: 744

Ion	Ratio	Lower	Upper
93	100		
63	6.7	52.5	78.7#
95	25.9	24.2	36.4



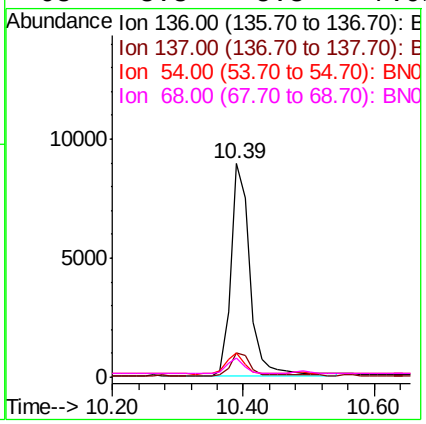


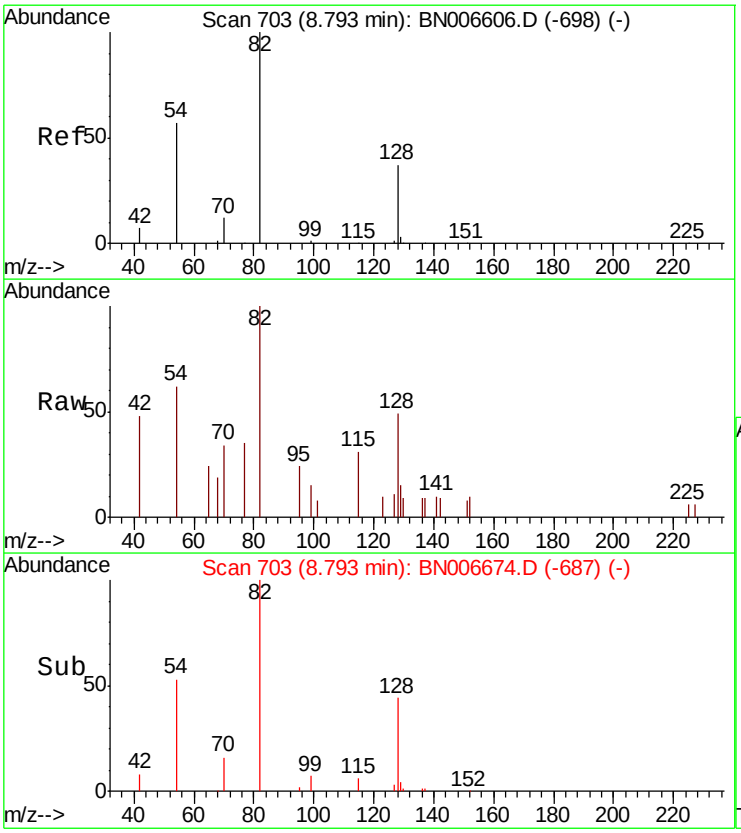
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion:136 Resp: 17885

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	11.4	6.7	10.1#
68	8.8	5.3	7.9#

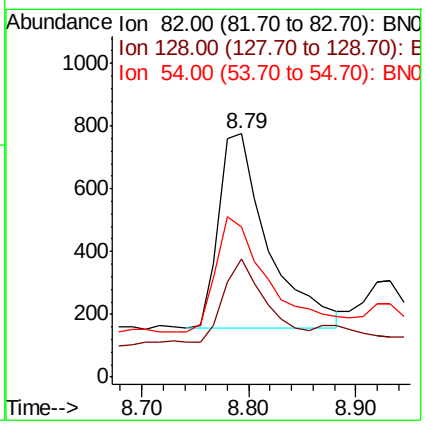


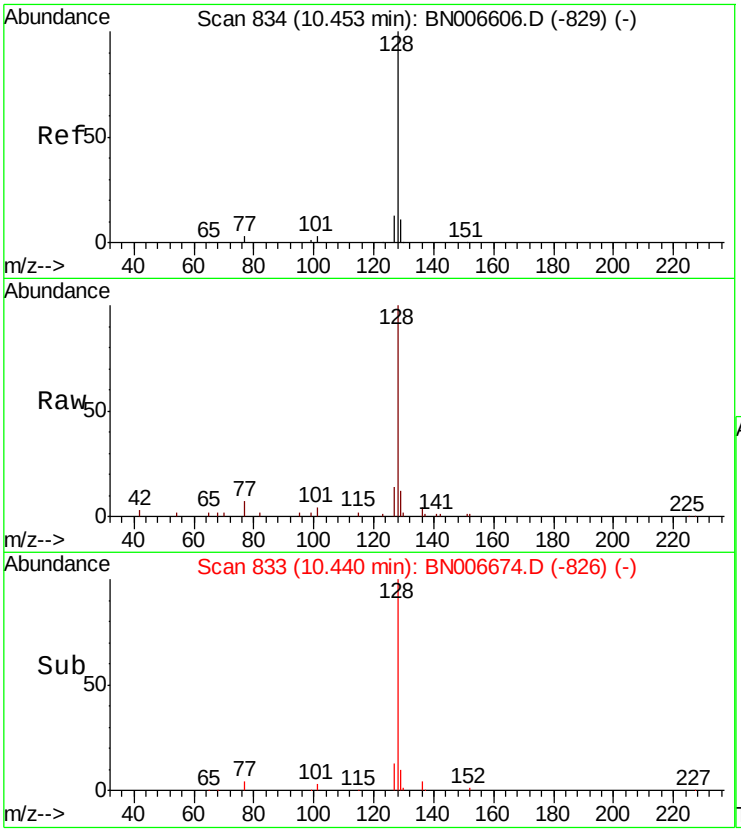


#8
Nitrobenzene-d5
Concen: 0.166 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion: 82 Resp: 1991

Ion	Ratio	Lower	Upper
82	100		
128	48.6	32.6	49.0
54	61.9	48.2	72.4



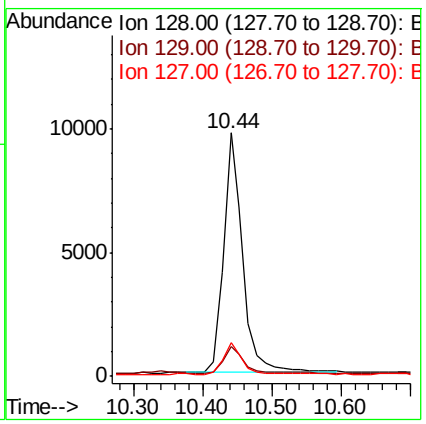


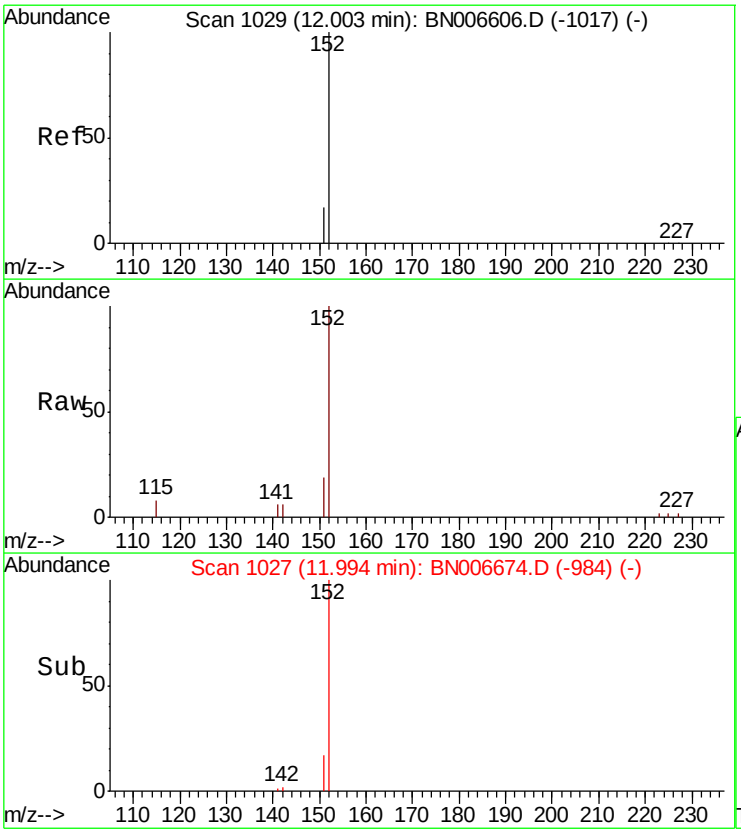
#9
Naphthalene
Concen: 0.401 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion:128 Resp: 18829

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.3	13.9
127	13.6	10.8	16.2

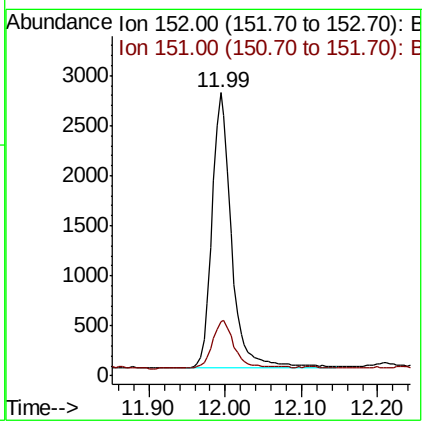


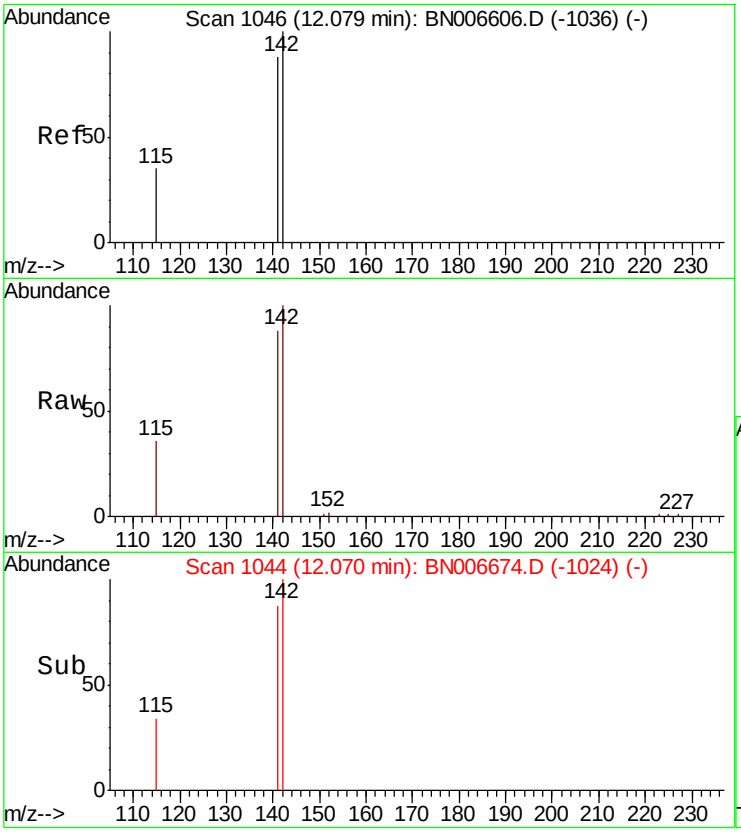


#11
2-Methylnaphthalene-d10
Concen: 0.172 ng
RT: 11.99 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion:152 Resp: 4843

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.0	22.4



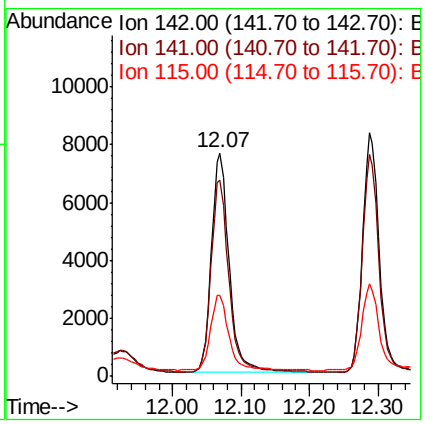


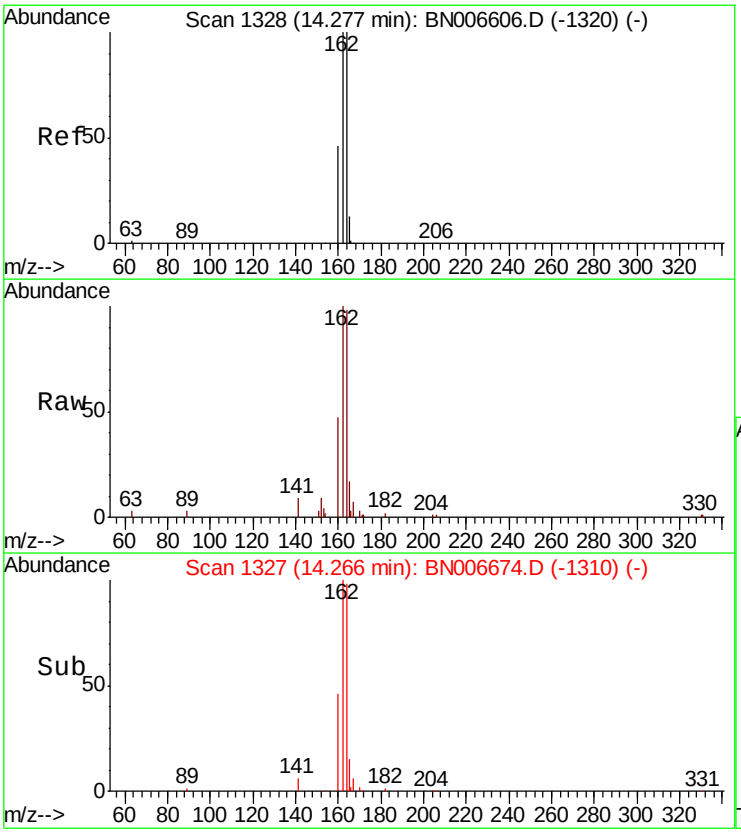
#12
2-Methylnaphthalene
Concen: 0.419 ng
RT: 12.07 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion:142 Resp: 13614

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.2	105.4
115	36.2	28.5	42.7

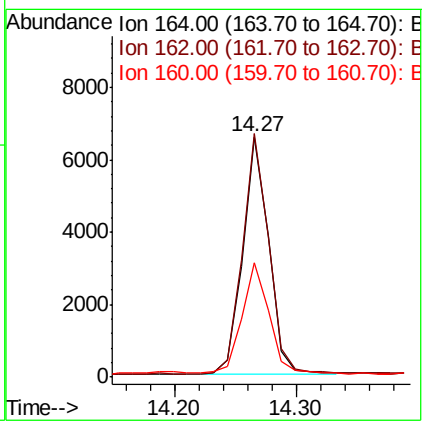


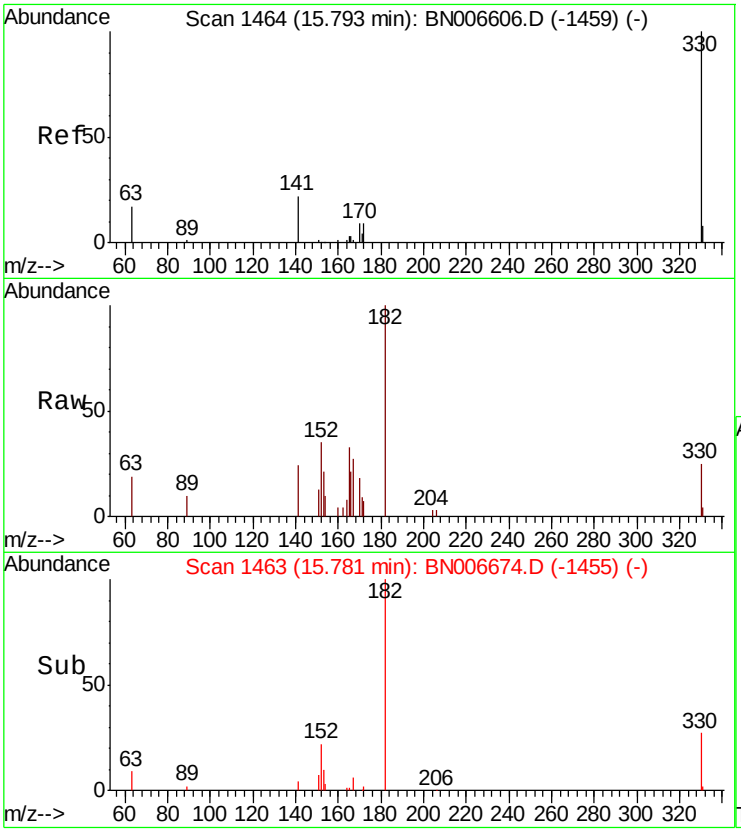


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion:164 Resp: 9796

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.0	120.0
160	47.7	37.0	55.4



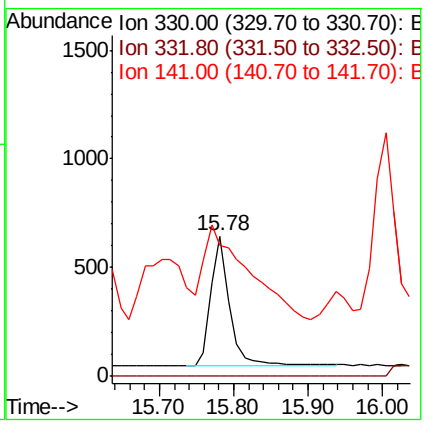


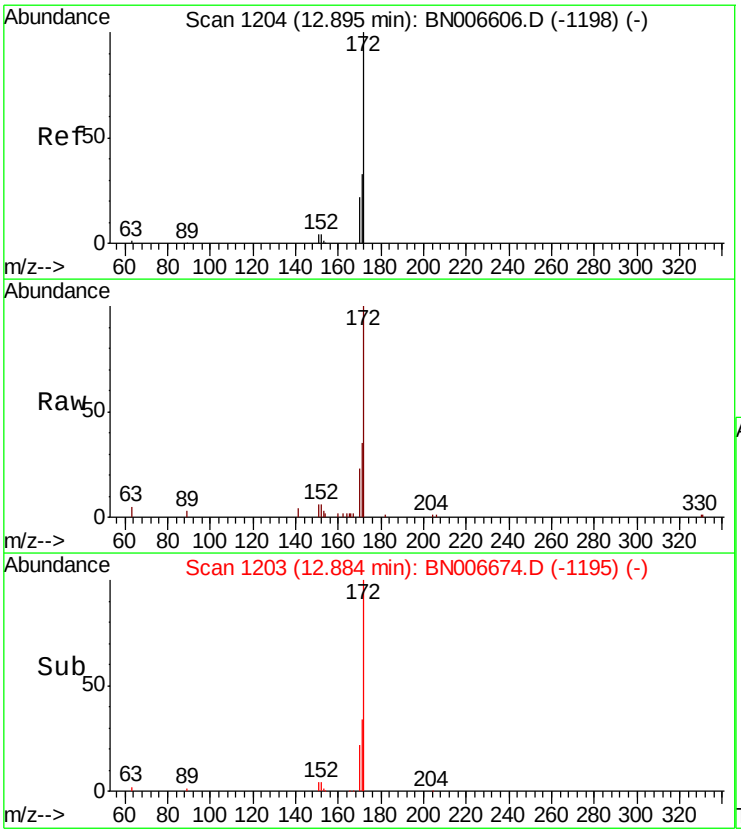
#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion:330 Resp: 1072

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	164.3	26.5	39.7#

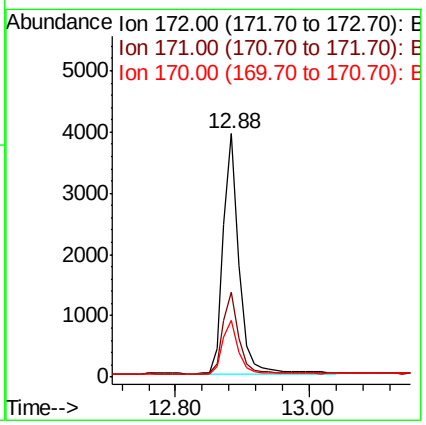


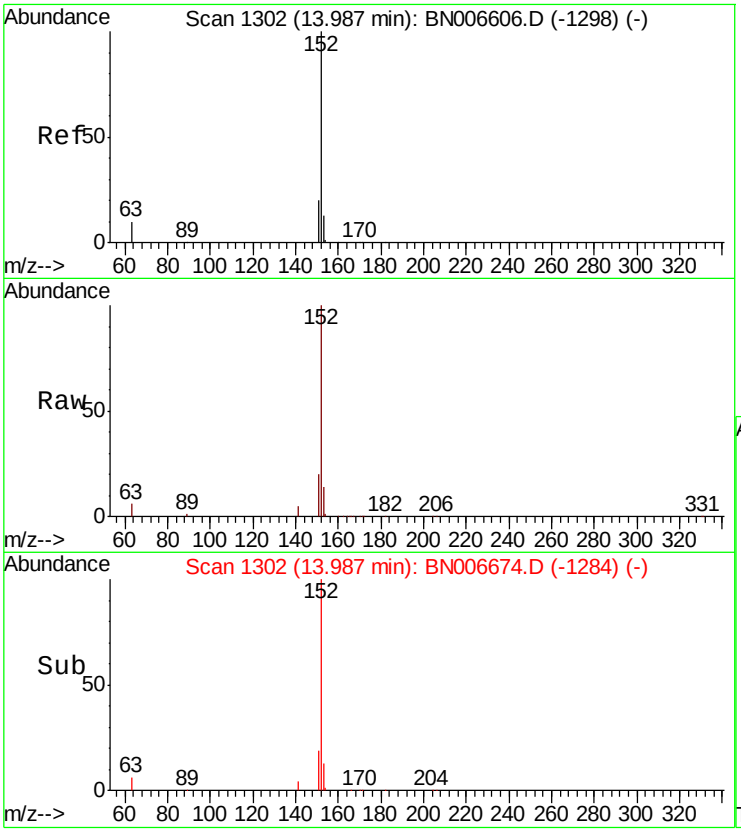


#15
2-Fluorobiphenyl
Concen: 0.177 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion:172 Resp: 6418

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.0	40.4
170	23.3	17.7	26.5



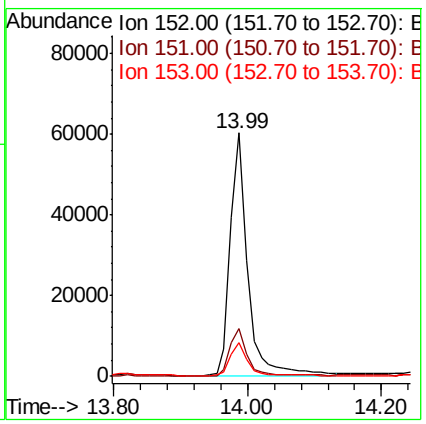


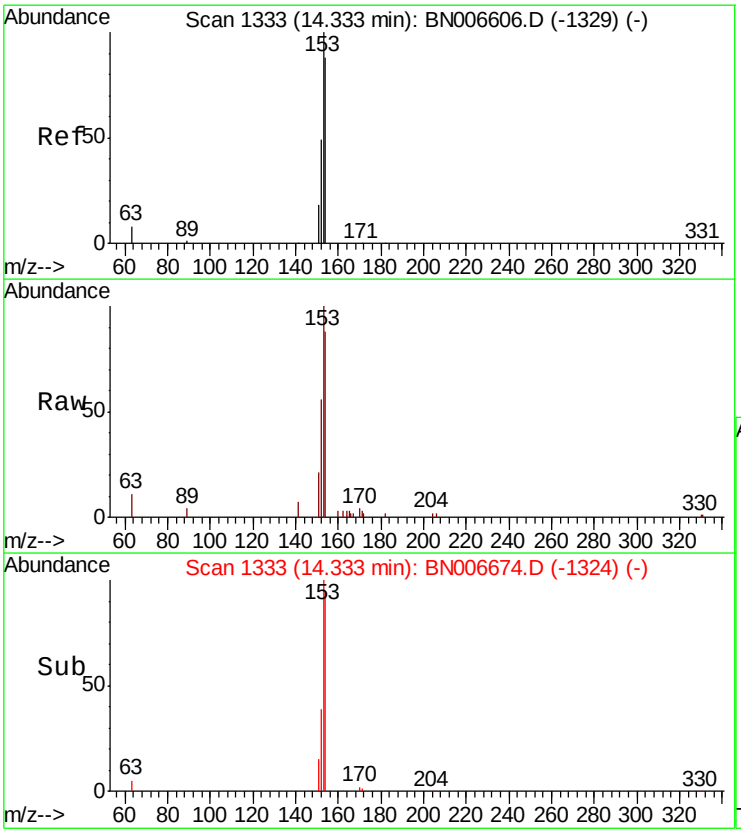
#16
Acenaphthylene
Concen: 2.299 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion:152 Resp: 107371

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.5	10.5	15.7

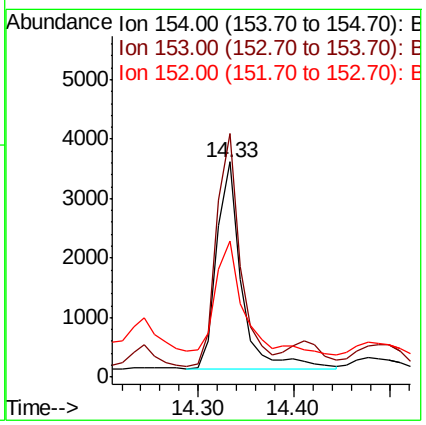


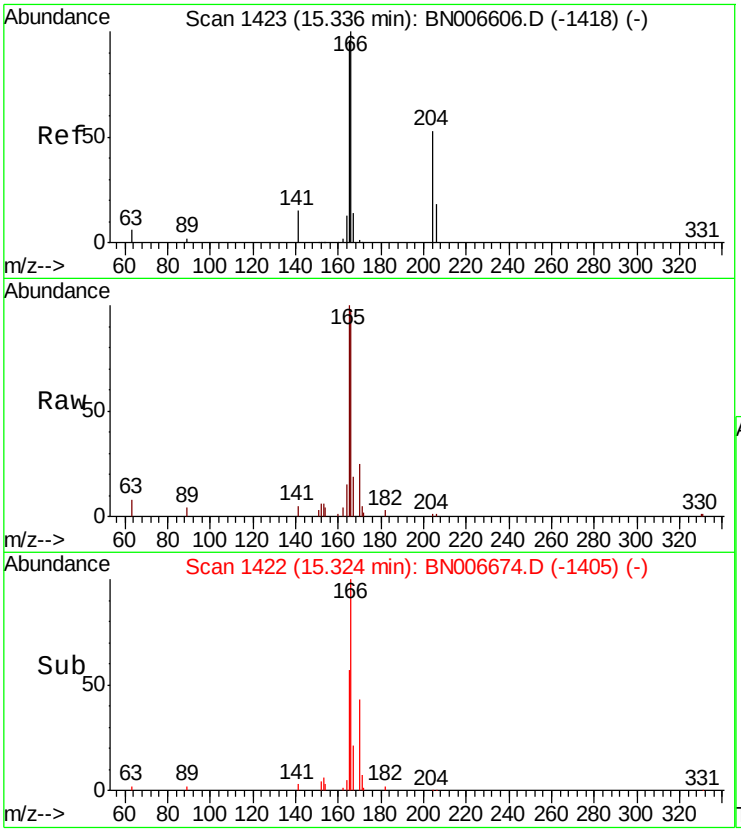


#17
Acenaphthene
Concen: 0.205 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion:154 Resp: 6321

Ion	Ratio	Lower	Upper
154	100		
153	107.5	90.2	135.4
152	63.6	44.2	66.4



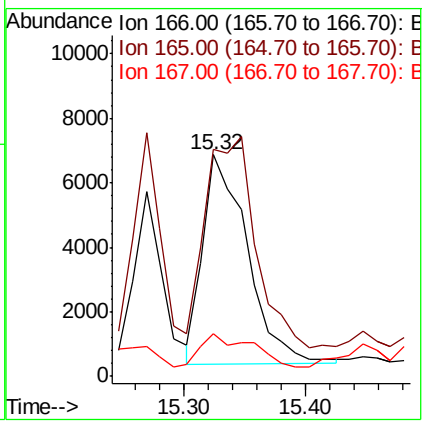


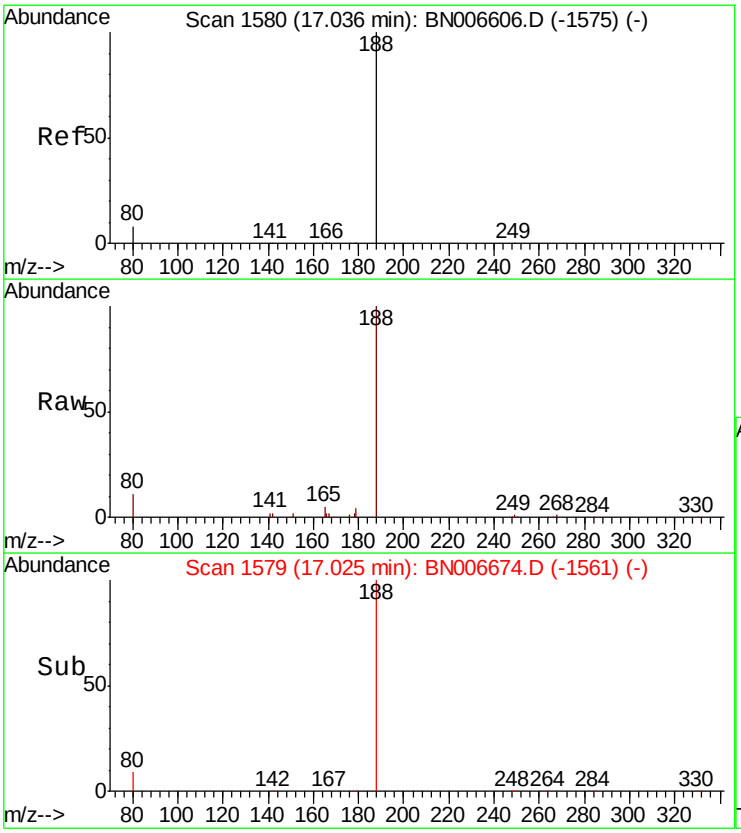
#18
Fluorene
Concen: 0.422 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion:166 Resp: 16383

Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.4	117.6#
167	18.4	10.8	16.2#

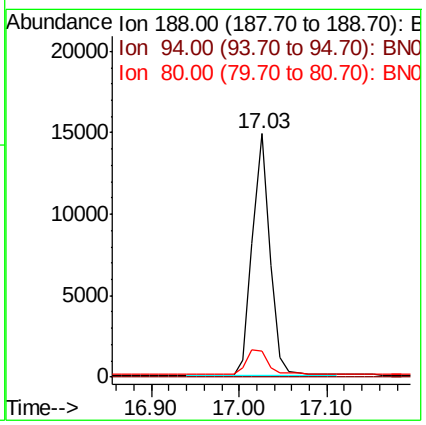


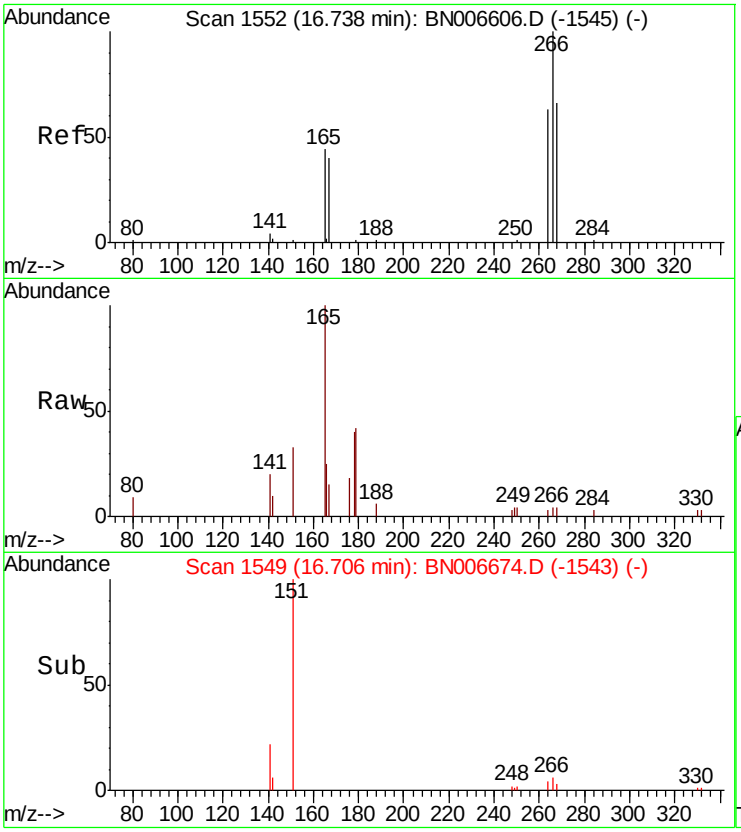


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion:188 Resp: 20677

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	7.1	10.7#



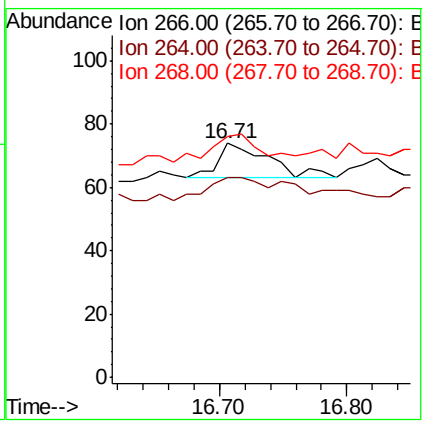


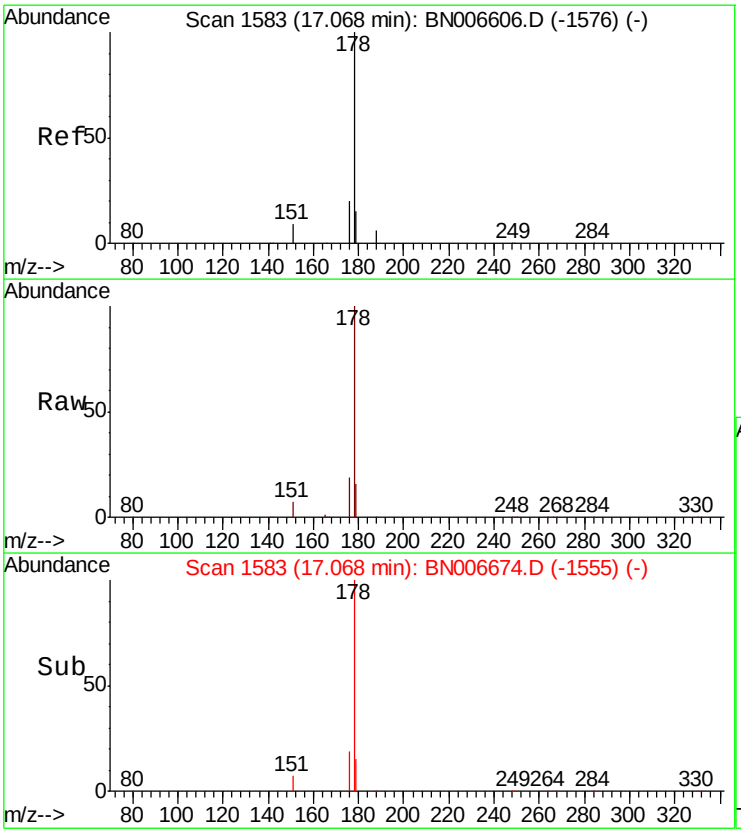
#22
Pentachlorophenol
Concen: 0.201 ng
RT: 16.71 min Scan# 1549
Delta R.T. -0.03 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion:266 Resp: 31

Ion	Ratio	Lower	Upper
266	100		
264	85.1	56.2	84.4#
268	102.7	63.0	94.4#

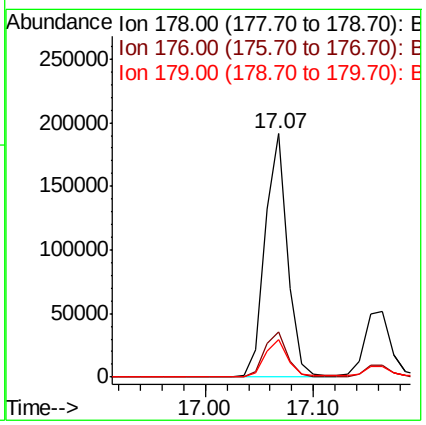


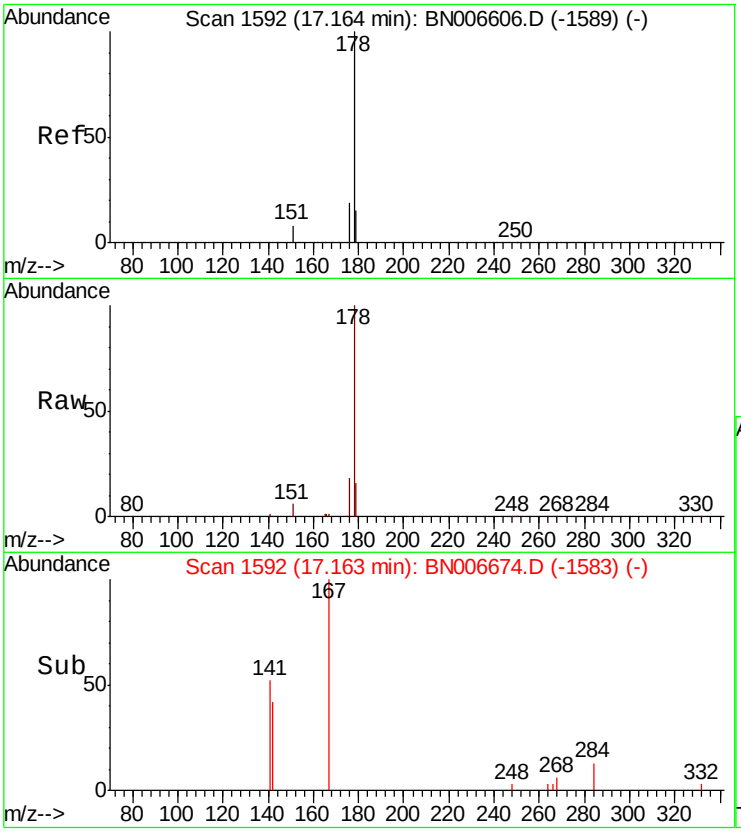


#23
Phenanthrene
Concen: 4.668 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion:178 Resp: 274456

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.7	12.2	18.4



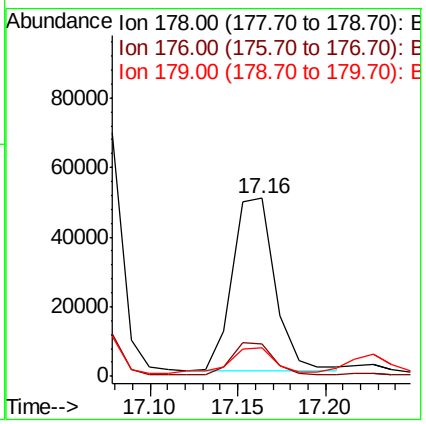


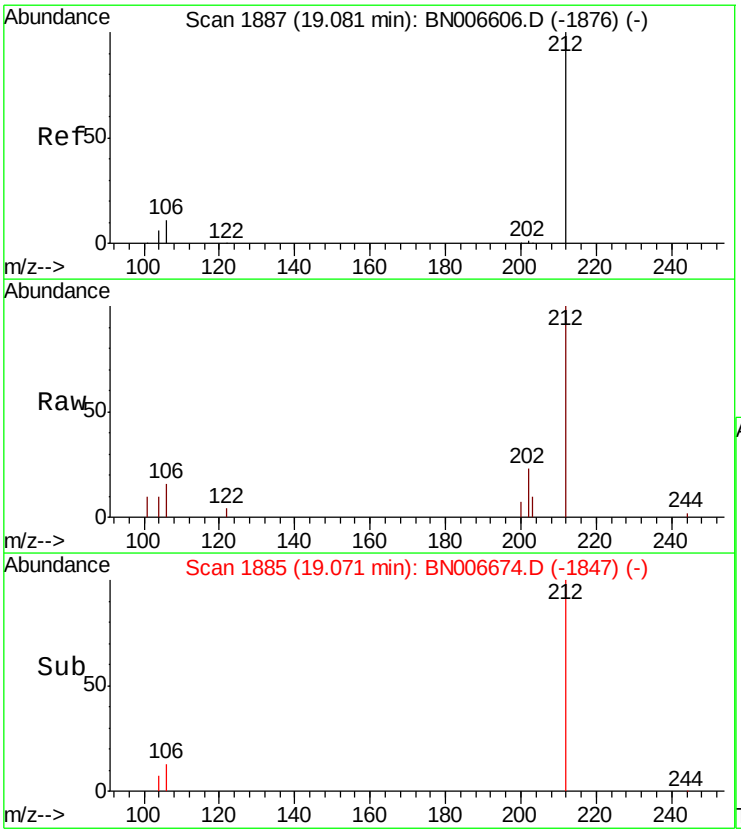
#24
Anthracene
Concen: 1.629 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion:178 Resp: 83113

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	14.9	12.2	18.2

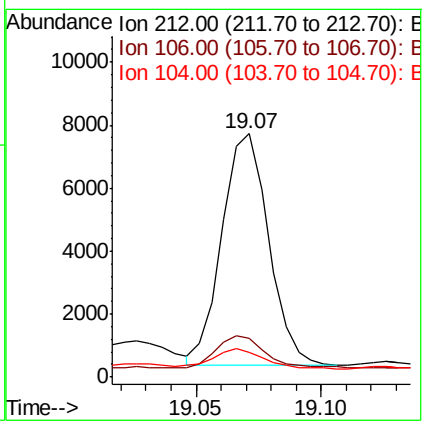


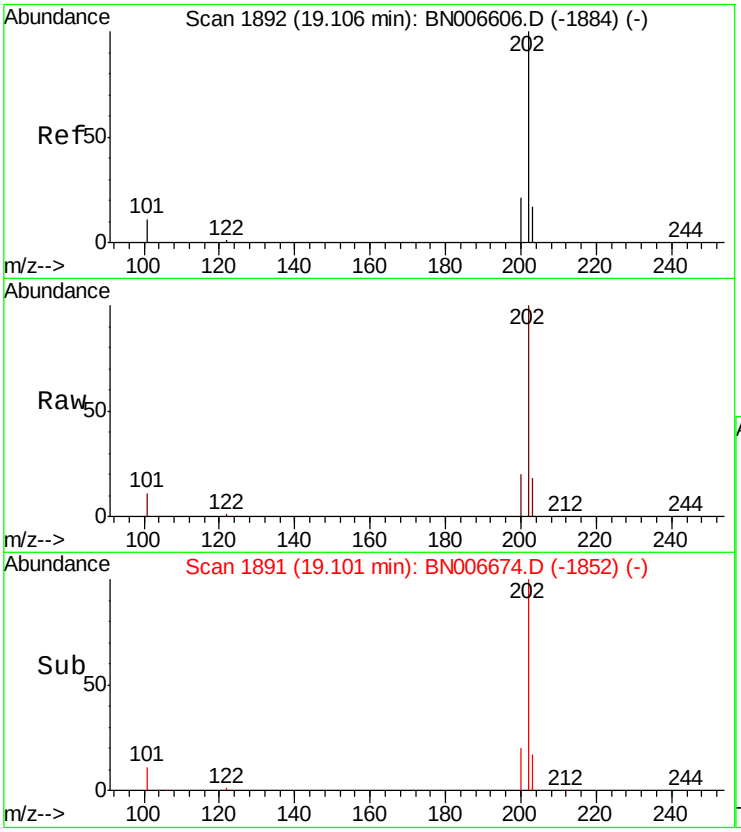


#25
Fluoranthene-d10
Concen: 0.157 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion:212 Resp: 9504

Ion	Ratio	Lower	Upper
212	100		
106	15.5	10.6	15.8
104	9.5	5.8	8.6#



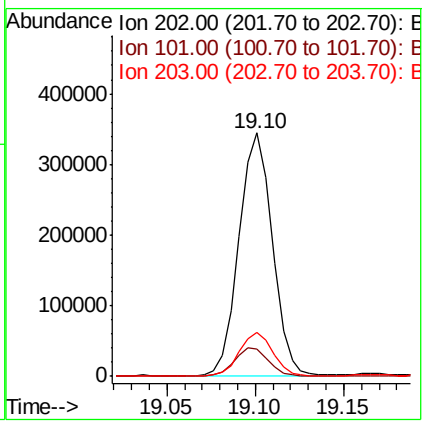


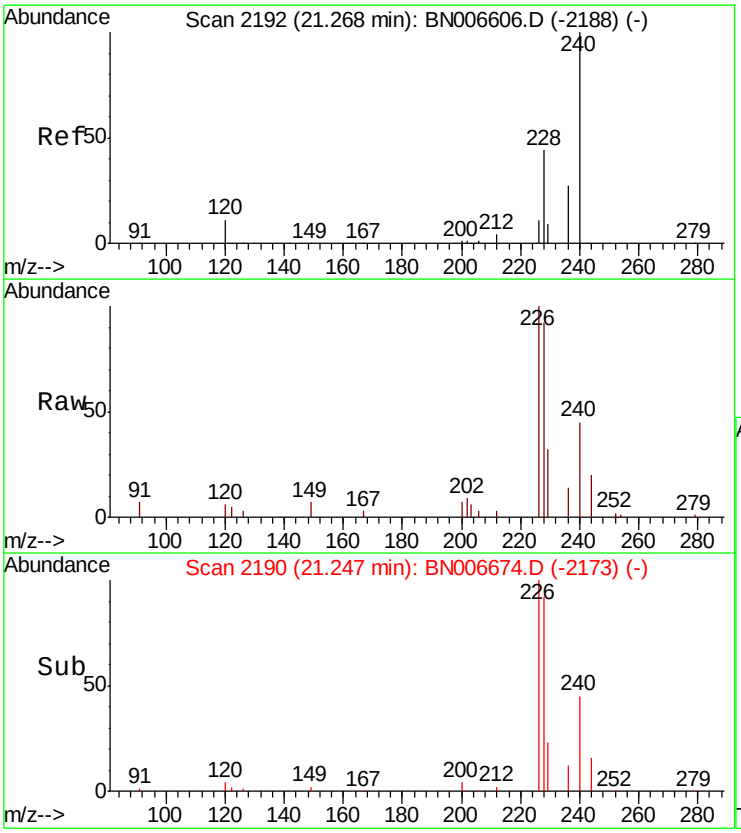
#26
Fluoranthene
Concen: 6.299 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion:202 Resp: 450046

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.9	13.3
203	17.8	13.6	20.4

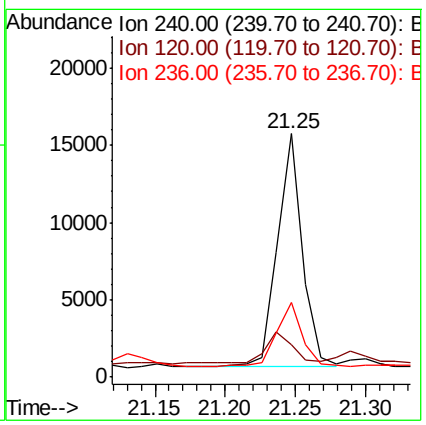


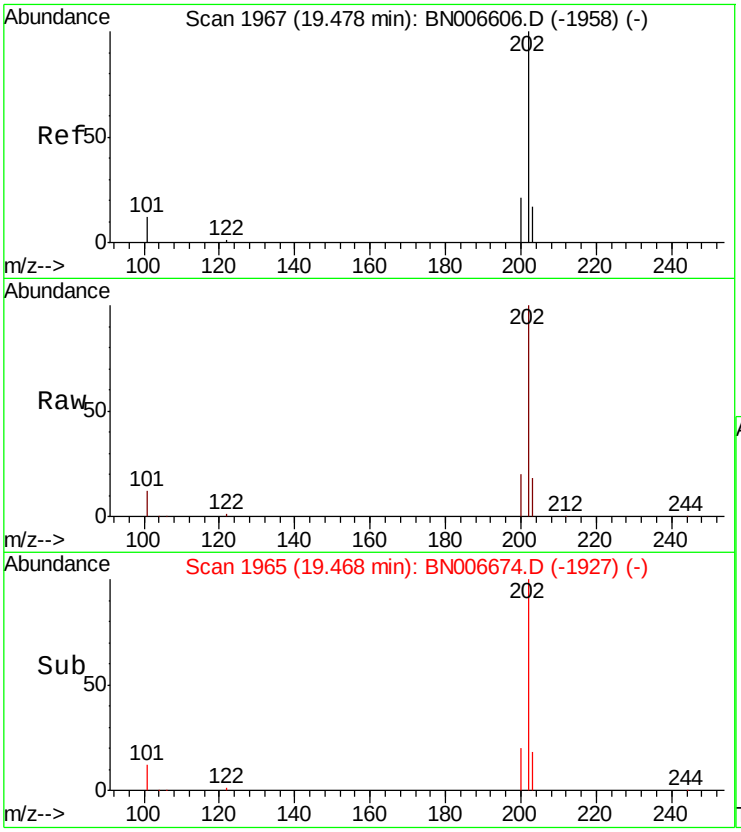


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion:240 Resp: 18781

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.9	14.9
236	30.5	22.2	33.4



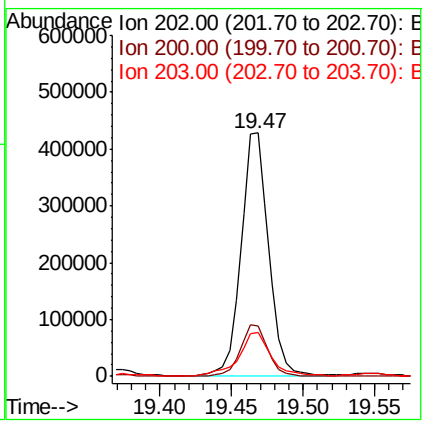


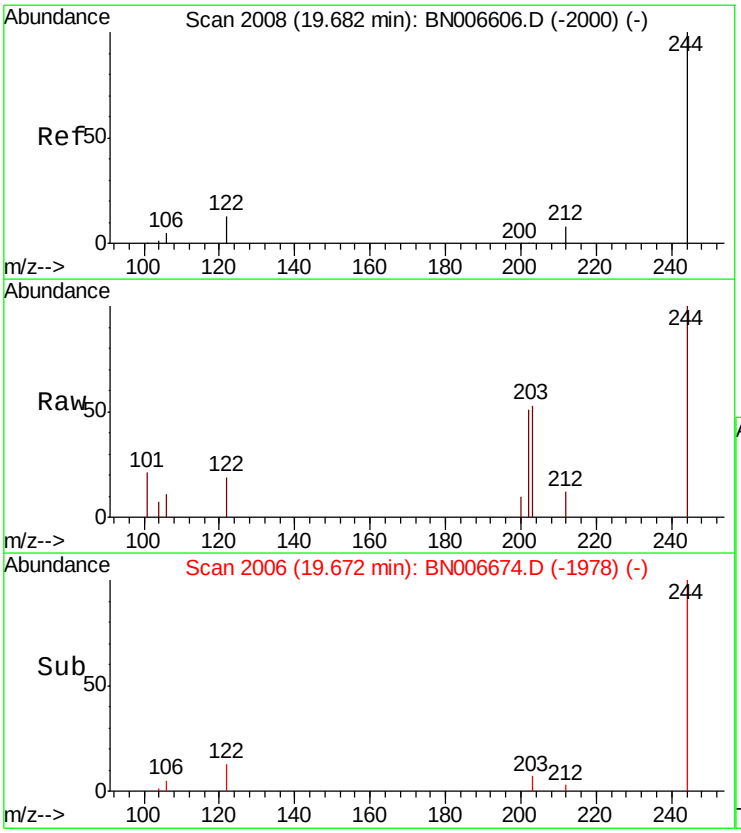
#28
Pyrene
Concen: 8.676 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion:202 Resp: 570185

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	20.3	14.1	21.1

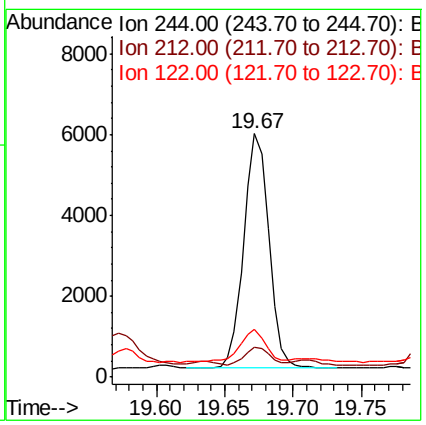


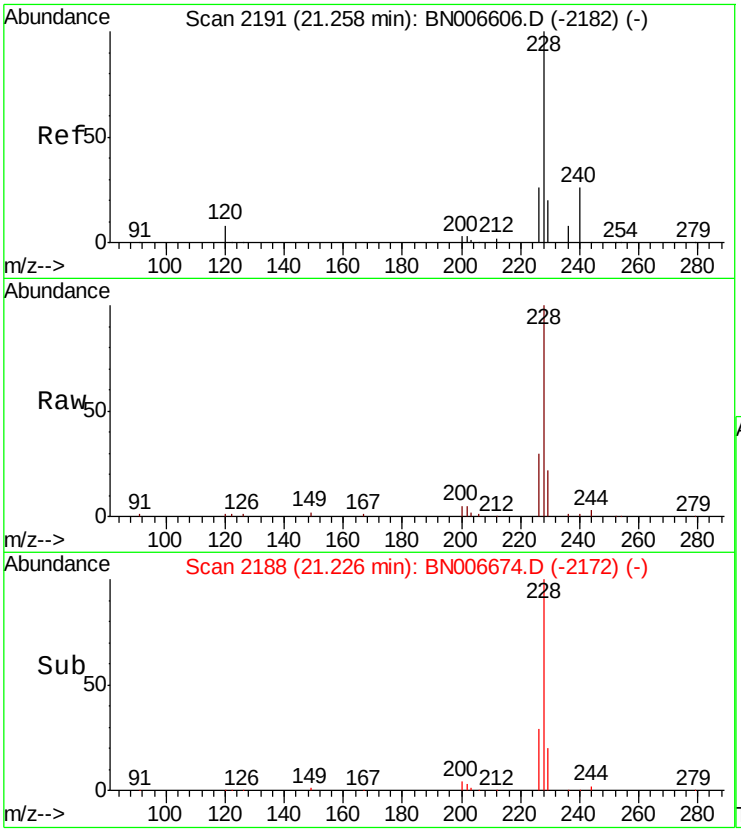


#29
Terphenyl-d14
Concen: 0.190 ng
RT: 19.67 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion:244 Resp: 7482

Ion	Ratio	Lower	Upper
244	100		
212	12.5	6.7	10.1#
122	19.5	11.0	16.6#



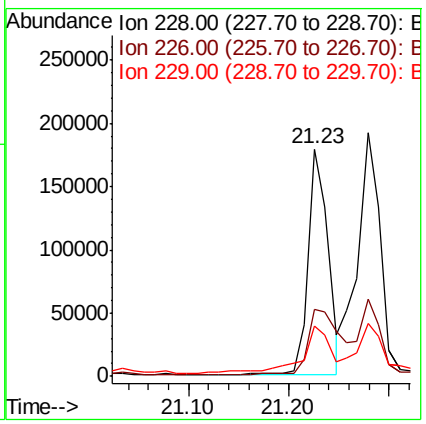


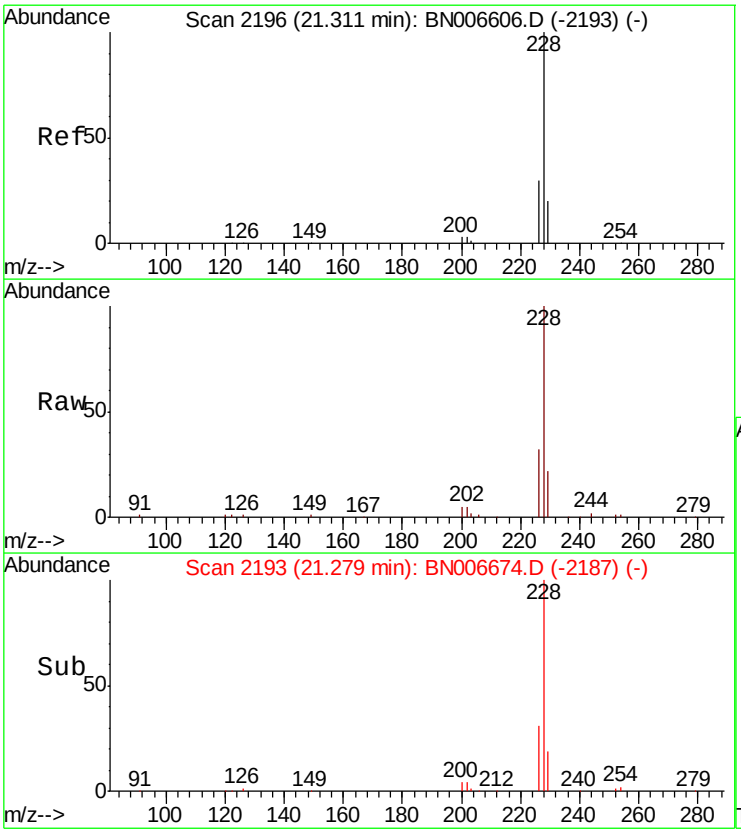
#30
Benzo(a)anthracene
Concen: 4.071 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion:228 Resp: 249954

Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.2	31.8
229	22.0	16.1	24.1

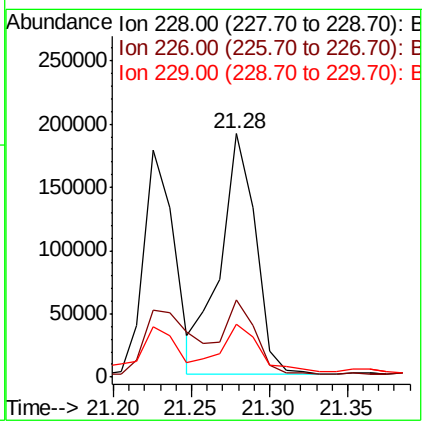


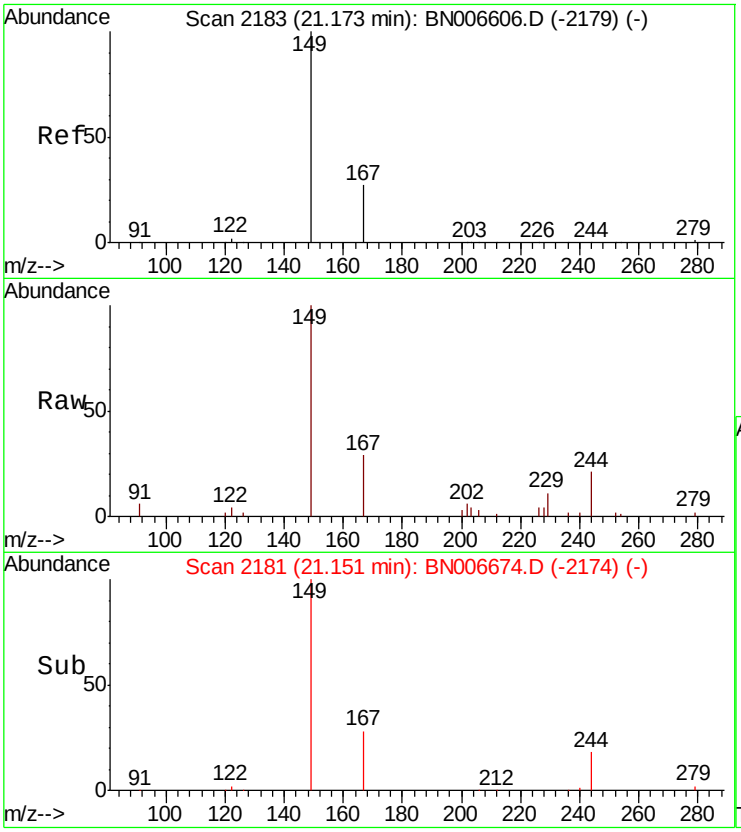


#31
Chrysene
Concen: 4.510 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.03 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion:228 Resp: 298523

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.8	35.6
229	21.9	15.9	23.9



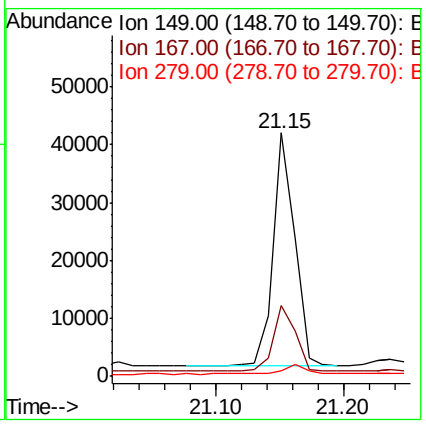


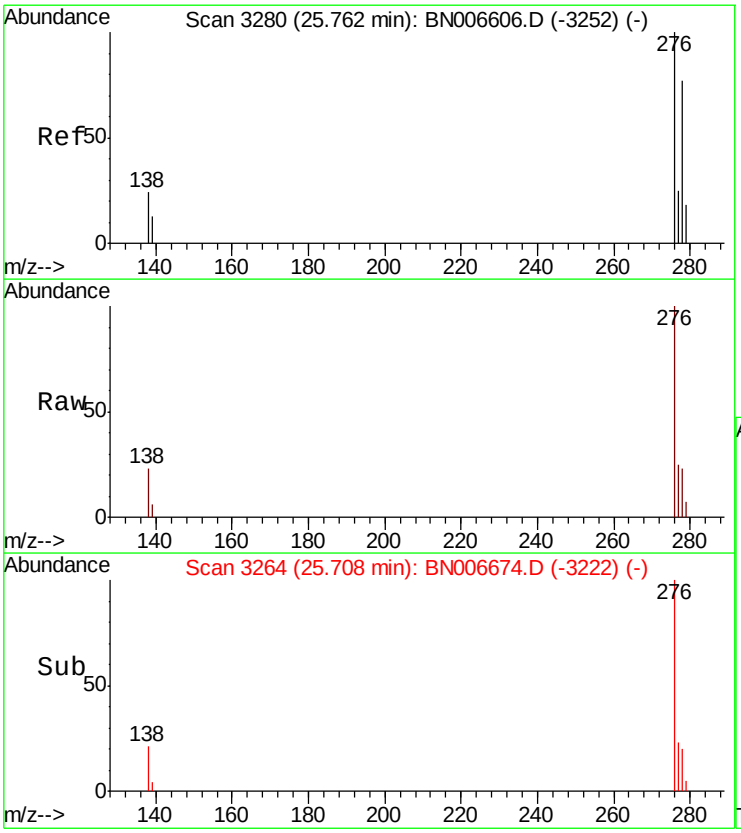
#32
Bis(2-ethylhexyl)phthalate
Concen: 1.522 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion:149 Resp: 47046

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.9	34.3
279	4.1	3.3	4.9

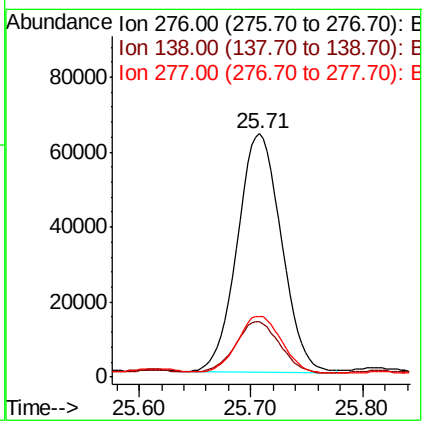


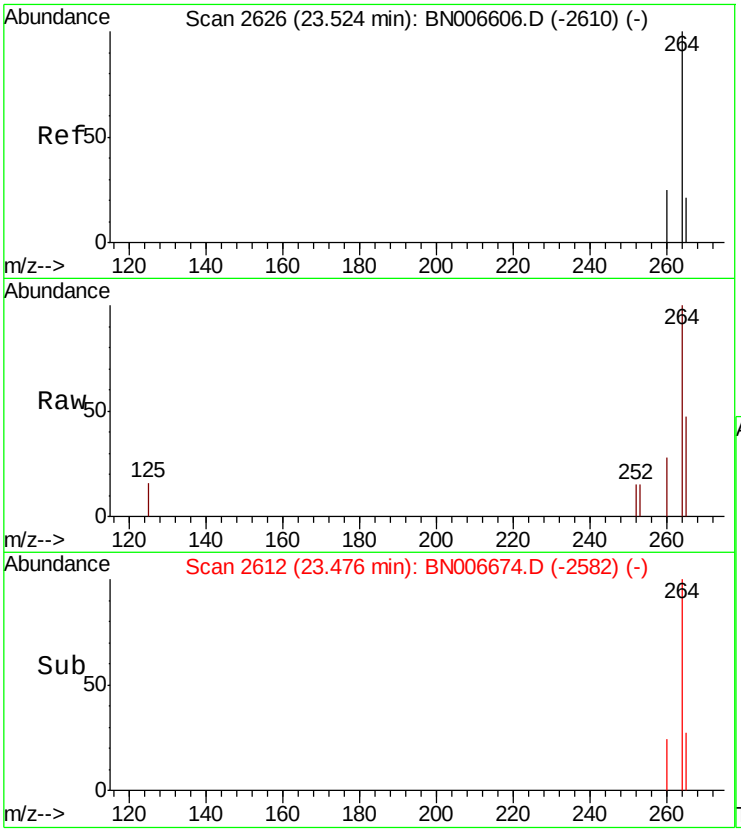


#33
Indeno(1,2,3-cd)pyrene
Concen: 2.574 ng
RT: 25.71 min Scan# 3264
Delta R.T. -0.05 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion:276 Resp: 172484

Ion	Ratio	Lower	Upper
276	100		
138	21.7	19.3	28.9
277	24.4	19.9	29.9



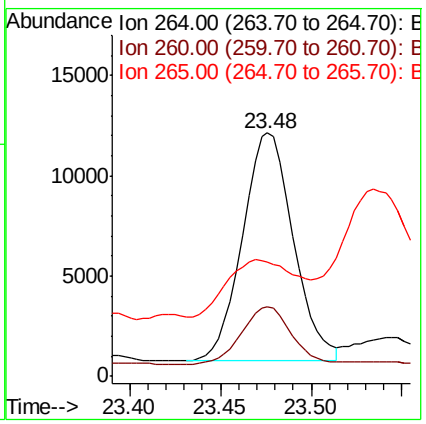


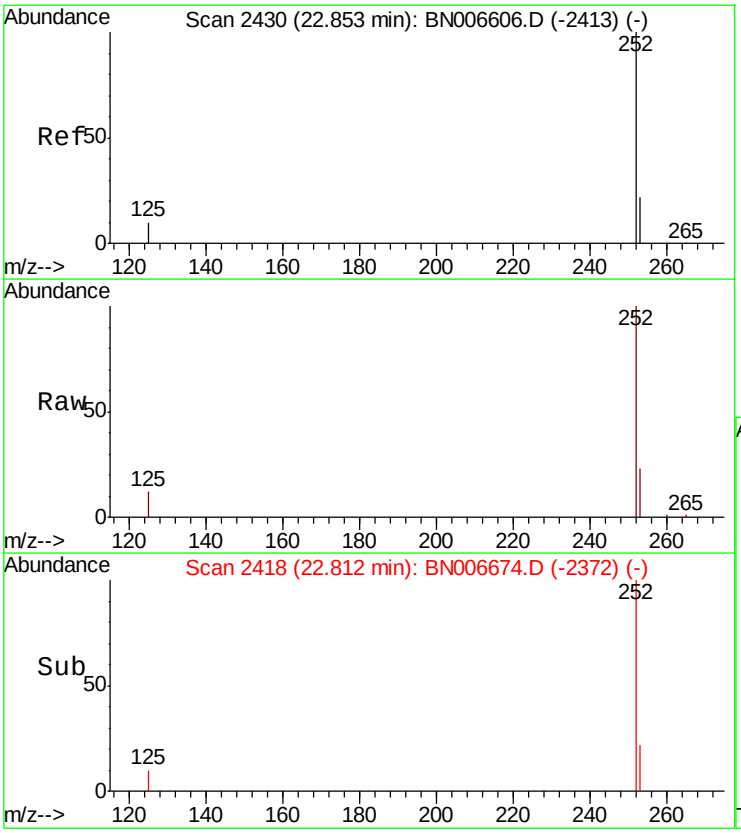
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2612
Delta R.T. -0.05 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion:264 Resp: 22213

Ion	Ratio	Lower	Upper
264	100		
260	28.3	20.2	30.2
265	46.9	23.3	34.9#

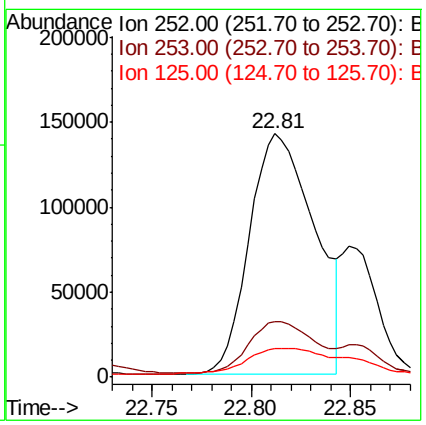


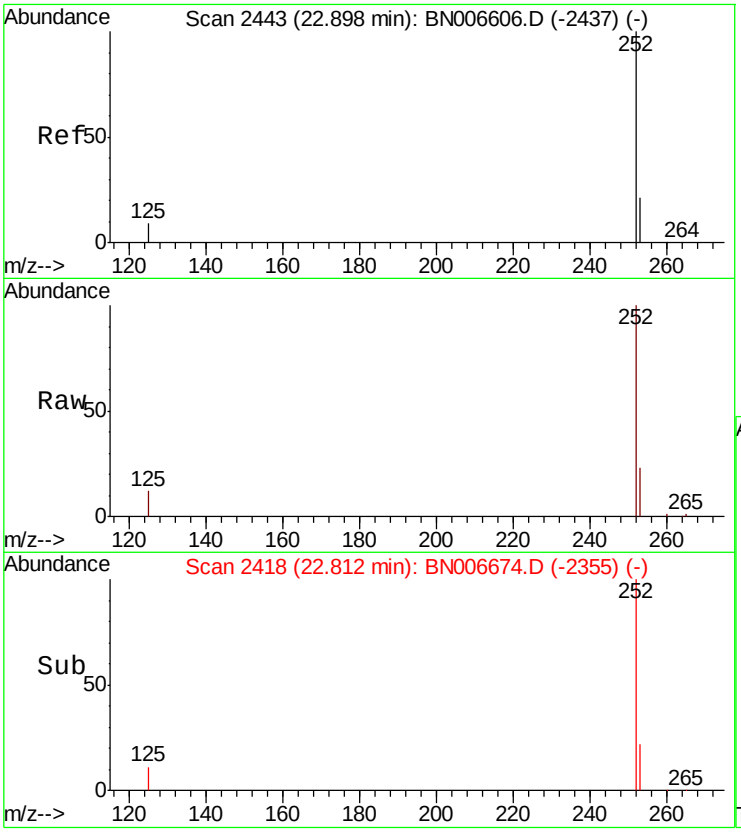


#35
Benzo(b)fluoranthene
Concen: 4.280 ng
RT: 22.81 min Scan# 2418
Delta R.T. -0.04 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion:252 Resp: 323392

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	11.9	8.7	13.1



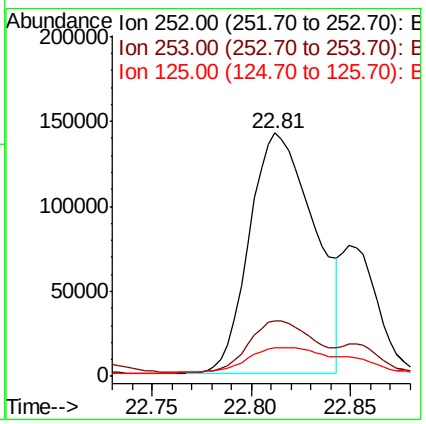


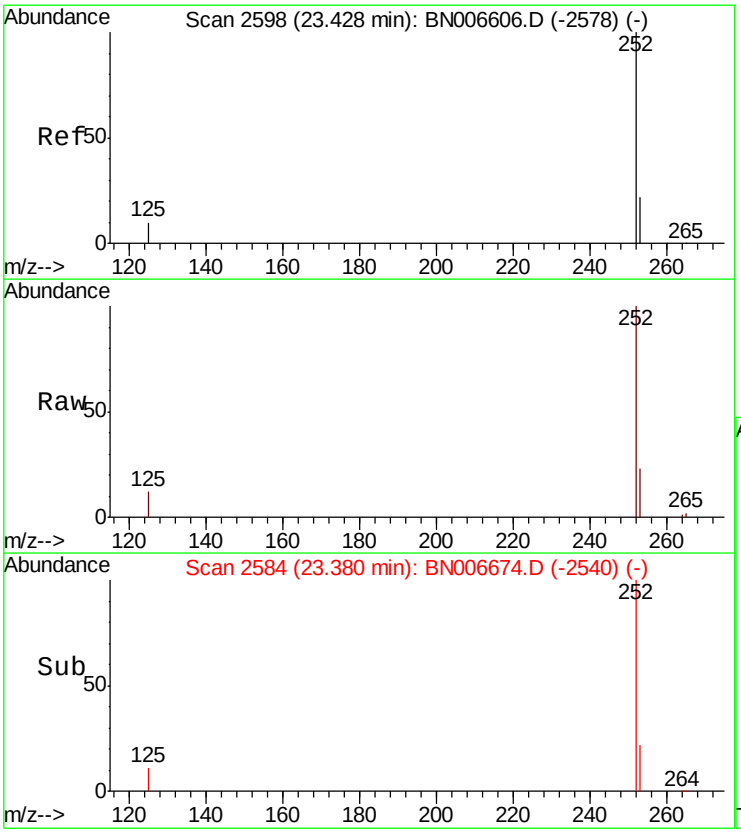
#36
Benzo(k)fluoranthene
Concen: 4.015 ng
RT: 22.81 min Scan# 2418
Delta R.T. -0.09 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion:252 Resp: 323392

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	11.9	8.4	12.6

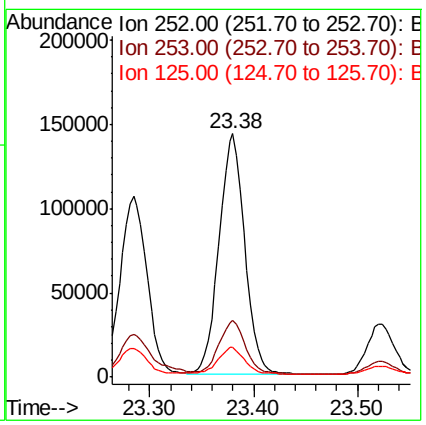


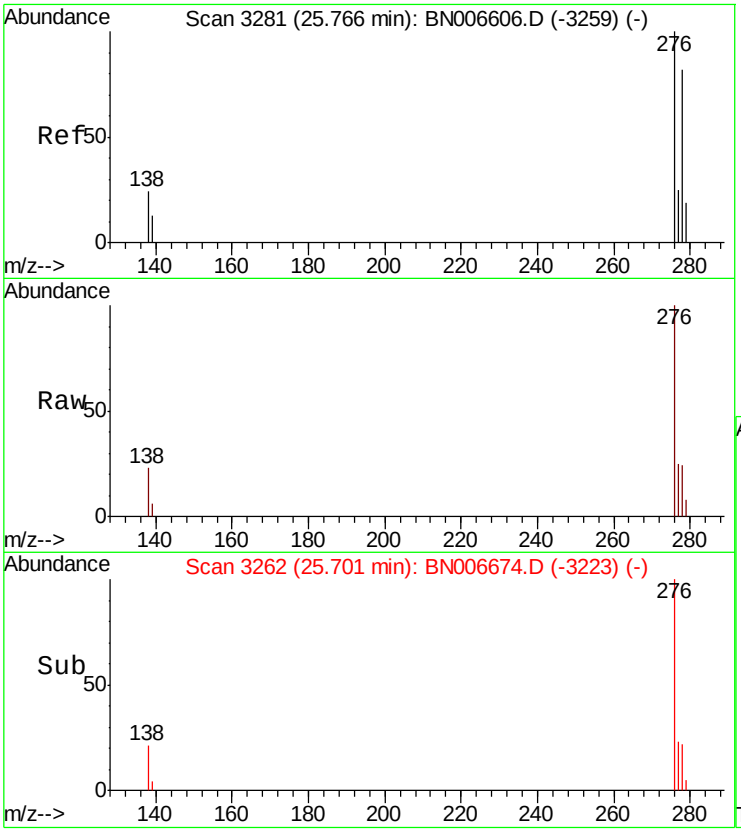


#37
Benzo(a)pyrene
Concen: 3.472 ng
RT: 23.38 min Scan# 2584
Delta R.T. -0.05 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion:252 Resp: 245285

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.8	28.2
125	12.1	9.4	14.2



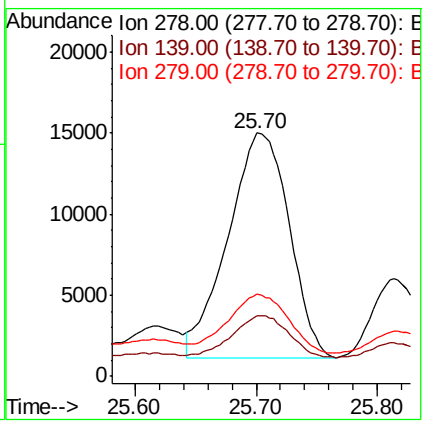


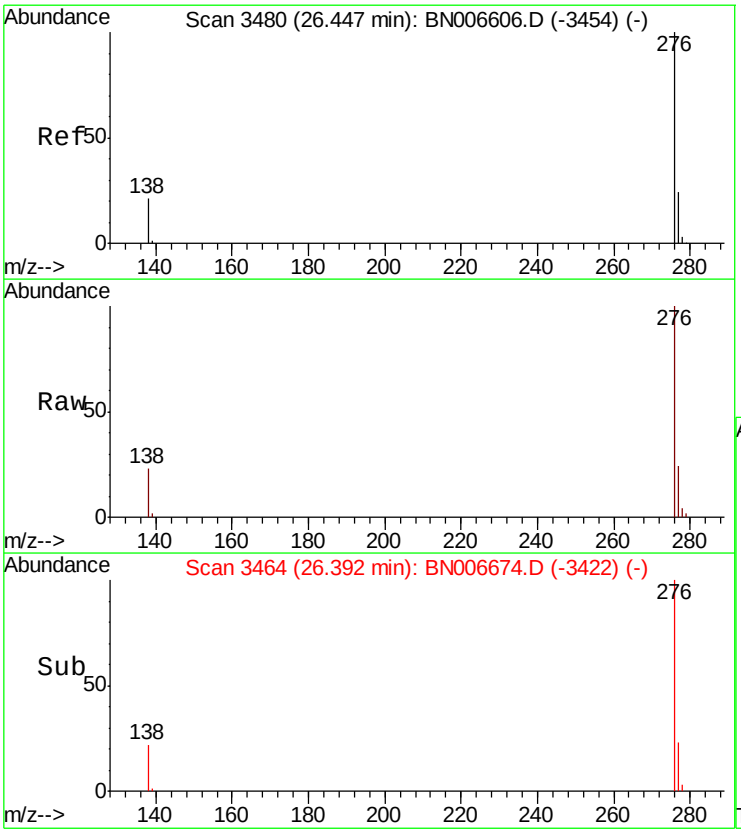
#38
Dibenzo(a,h)anthracene
Concen: 0.788 ng
RT: 25.70 min Scan# 3262
Delta R.T. -0.07 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW144-062019

Tgt Ion:278 Resp: 48611

Ion	Ratio	Lower	Upper
278	100		
139	24.8	13.5	20.3#
279	33.7	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 3.096 ng
RT: 26.39 min Scan# 3464
Delta R.T. -0.05 min
Lab File: BN006674.D
Acq: 02 Jul 2019 00:33

Tgt Ion:276 Resp: 190695

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	23.1	17.7	26.5