Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070219\
Data File : BN006698.D
Acq On : 02 Jul 2019 18:53
Operator : HP/JU
Sample : PB120849BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB120849BSD

Quant Time: Jul 03 04:49:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 17:43:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4829	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	18738	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	10061	0.40	ng		0.00
19) Phenanthrene-d10	17.03	188	21121	0.40	ng		0.00
27) Chrysene-d12	21.25	240	19806	0.40	ng		-0.01
34) Perylene-d12	23.49	264	19864	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	4799	0.37	ng		0.00
5) Phenol-d6	6.82	99	6319	0.38	ng		0.00
8) Nitrobenzene-d5	8.79	82	5252	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.00	152	11219	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	1721	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	16128	0.41	ng		0.00
25) Fluoranthene-d10	19.08	212	23682	0.39	ng		0.00
29) Terphenyl-d14	19.68	244	15681	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	2800	0.371	ng		93
3) n-Nitrosodimethylamine	3.50	42	2016	0.354	ng		95
6) bis(2-Chloroethyl)ether	7.06	93	5814	0.414	ng		88
9) Naphthalene	10.44	128	20730	0.404	ng		99
10) Hexachlorobutadiene	10.72	225	4198	0.405	ng	#	100
12) 2-Methylnaphthalene	12.07	142	13277	0.364	ng		99
16) Acenaphthylene	13.99	152	20770	0.414	ng		100
17) Acenaphthene	14.33	154	13347	0.417	ng		98
18) Fluorene	15.32	166	16339	0.412	ng		100
20) 4-Bromophenyl-phenylether	16.22	248	4914	0.395	ng		94
21) Hexachlorobenzene	16.33	284	6202	0.419	ng		99
22) Pentachlorophenol	16.74	266	1441	0.726	ng		90
23) Phenanthrene	17.07	178	24924	0.409	ng		100
24) Anthracene	17.16	178	21584	0.392	ng		99
26) Fluoranthene	19.11	202	29695	0.415	ng		100
28) Pyrene	19.47	202	30594	0.386	ng		100
30) Benzo(a)anthracene	21.24	228	25180	0.369	ng		99
31) Chrysene	21.29	228	27060	0.384	ng		100
32) Bis(2-ethylhexyl)phthalate	21.15	149	21273	0.104	ng		99
33) Indeno(1,2,3-cd)pyrene	25.72	276	30749	0.365	ng		100
35) Benzo(b)fluoranthene	22.82	252	25563	0.401	ng		97
36) Benzo(k)fluoranthene	22.86	252	29010	0.420	ng		97
37) Benzo(a)pyrene	23.39	252	25504	0.413	ng		96
38) Dibenzo(a,h)anthracene	25.72	278	24399	0.398	ng		98
39) Benzo(g,h,i)perylene	26.41	276	25817	0.409	ng		97

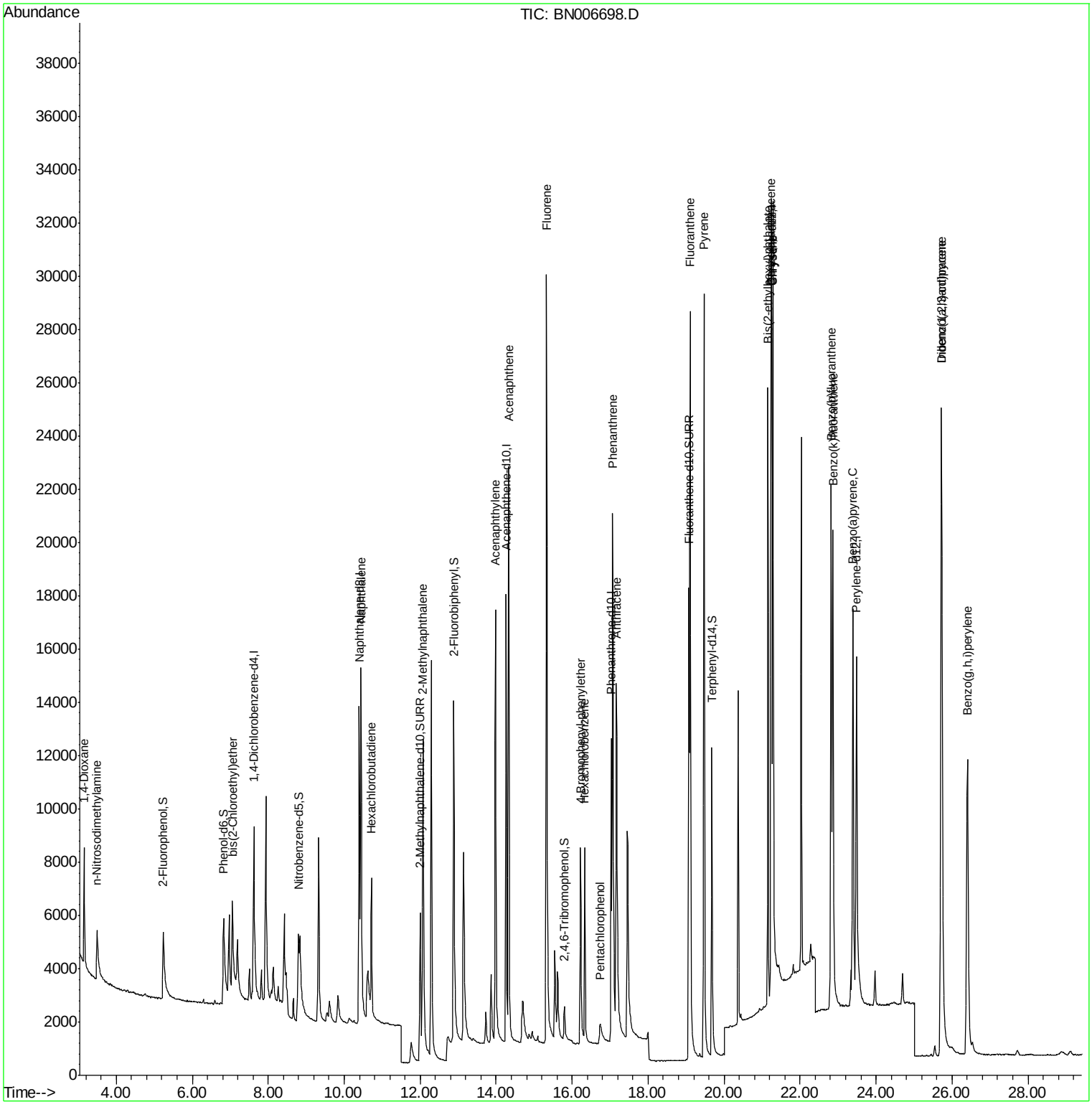
(#) = qualifier out of range (m) = manual integration (+) = signals summed

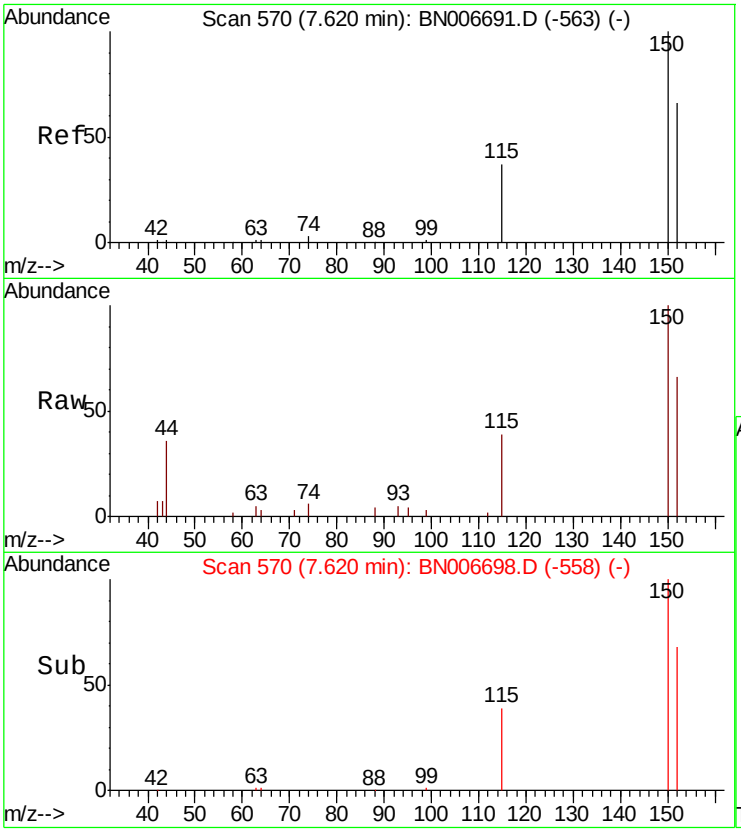
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070219\
Data File : BN006698.D
Acq On : 02 Jul 2019 18:53
Operator : HP/JU
Sample : PB120849BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Quant Time: Jul 03 04:49:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 17:43:33 2019
Response via : Initial Calibration



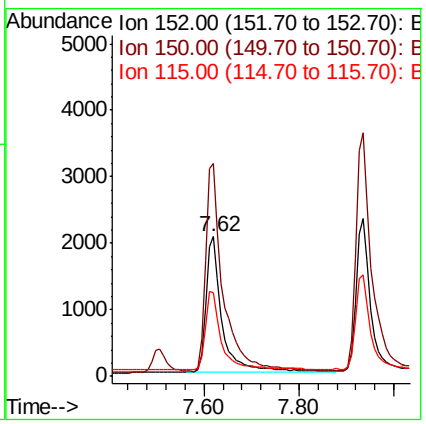


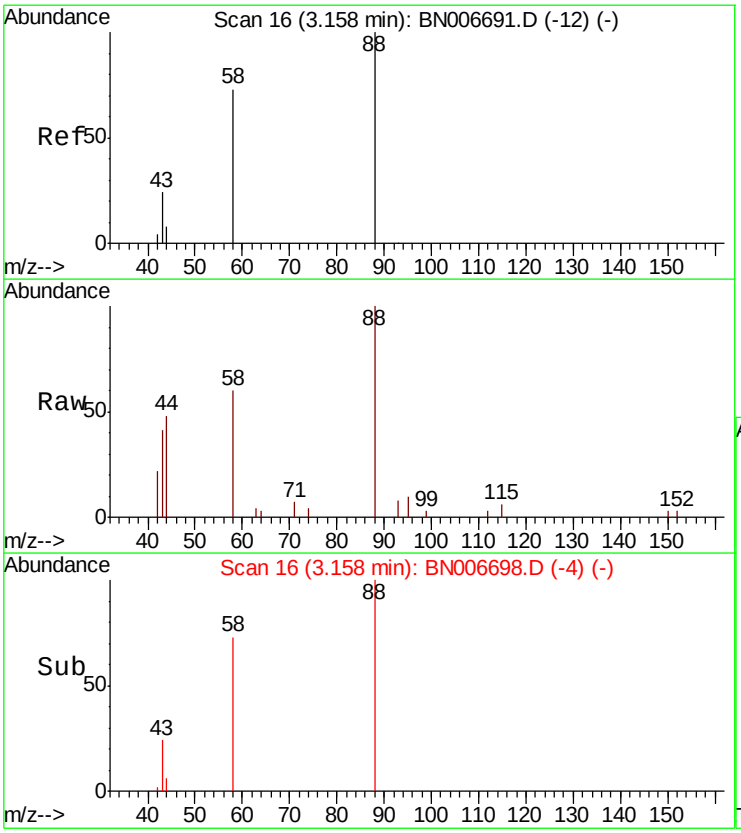
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:152 Resp: 4829

Ion	Ratio	Lower	Upper
152	100		
150	152.3	120.6	181.0
115	59.8	51.0	76.6

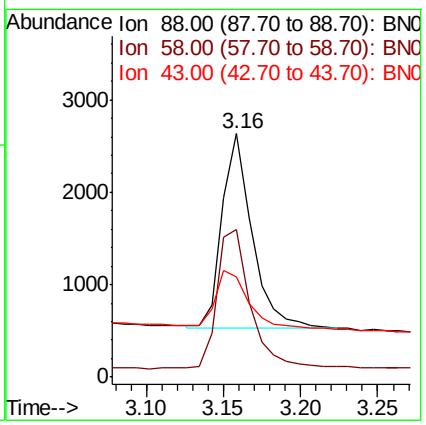


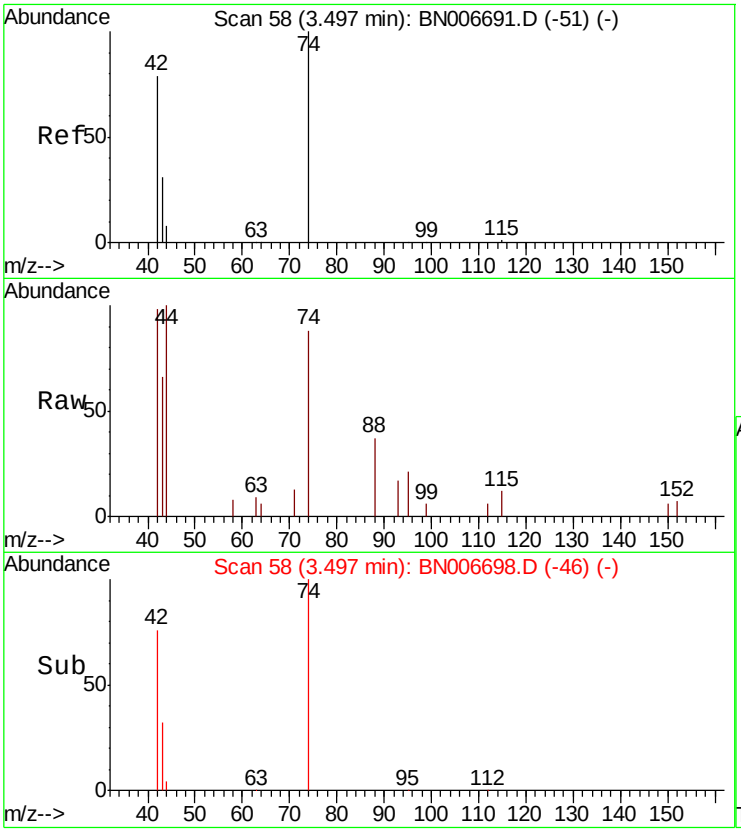


#2
1,4-Dioxane
Concen: 0.371 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion: 88 Resp: 2800

Ion	Ratio	Lower	Upper
88	100		
58	81.1	61.1	91.7
43	34.0	32.4	48.6



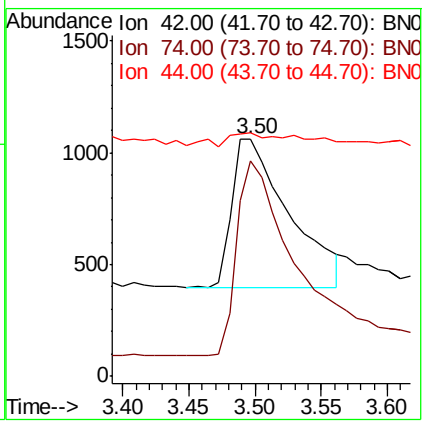


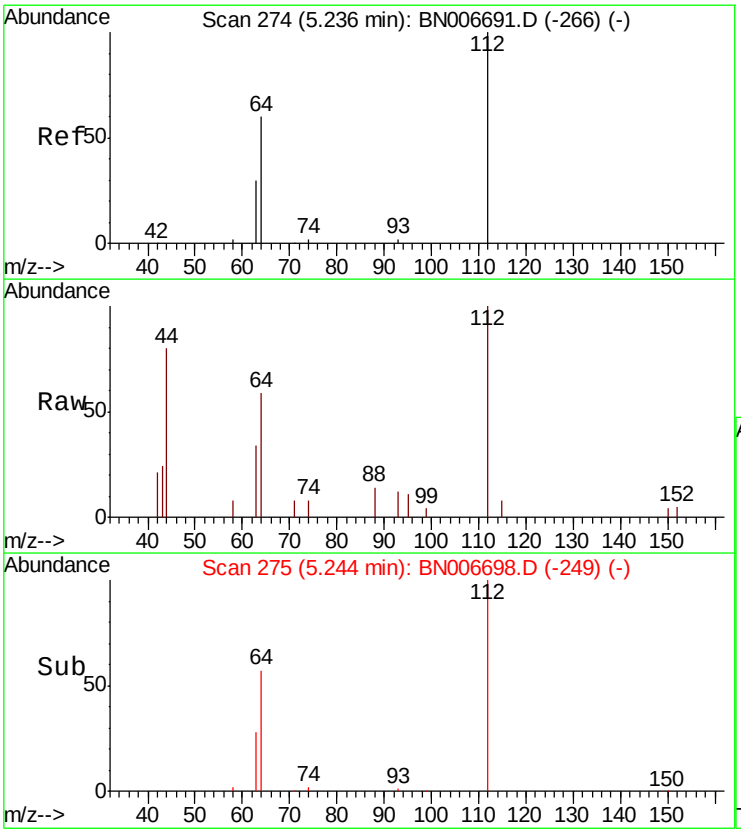
#3
n-Nitrosodimethylamine
Concen: 0.354 ng
RT: 3.50 min Scan# 58
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion: 42 Resp: 2016

Ion	Ratio	Lower	Upper
42	100		
74	126.9	106.6	160.0
44	11.6	8.0	12.0

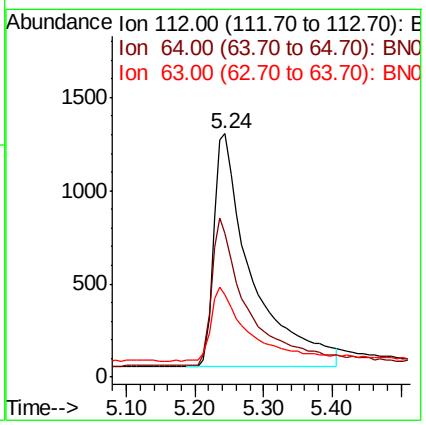


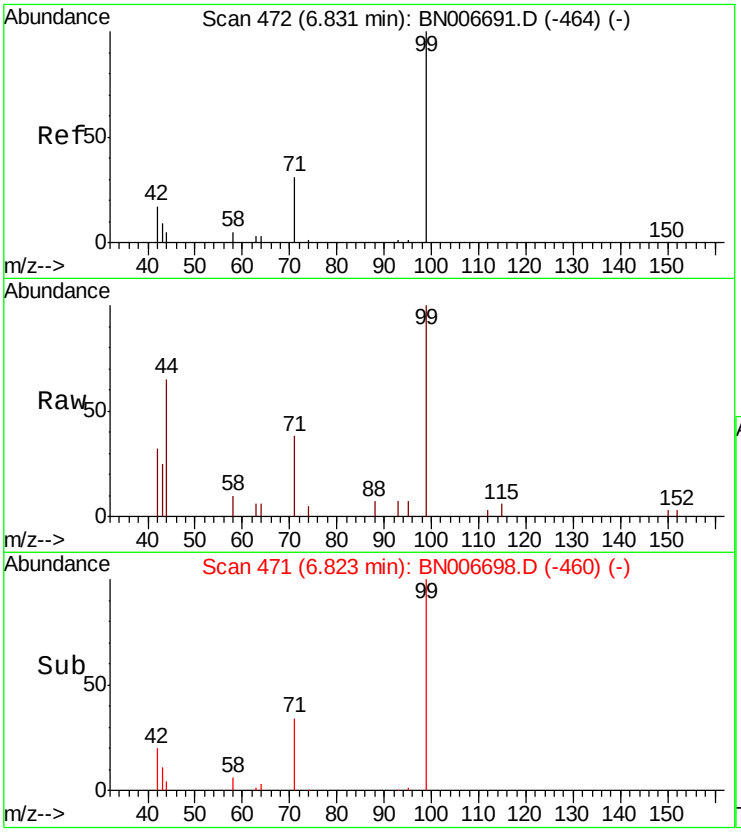


#4
2-Fluorophenol
Concen: 0.366 ng
RT: 5.24 min Scan# 275
Delta R.T. 0.01 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:112 Resp: 4799

Ion	Ratio	Lower	Upper
112	100		
64	61.0	49.8	74.6
63	30.8	25.8	38.6



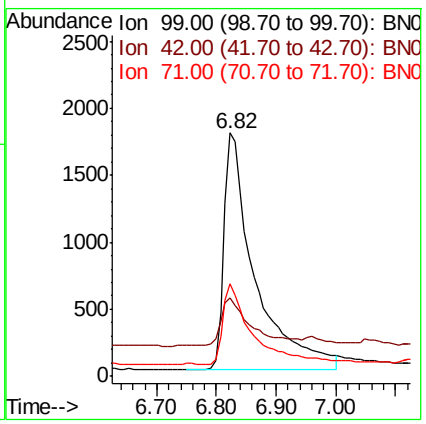


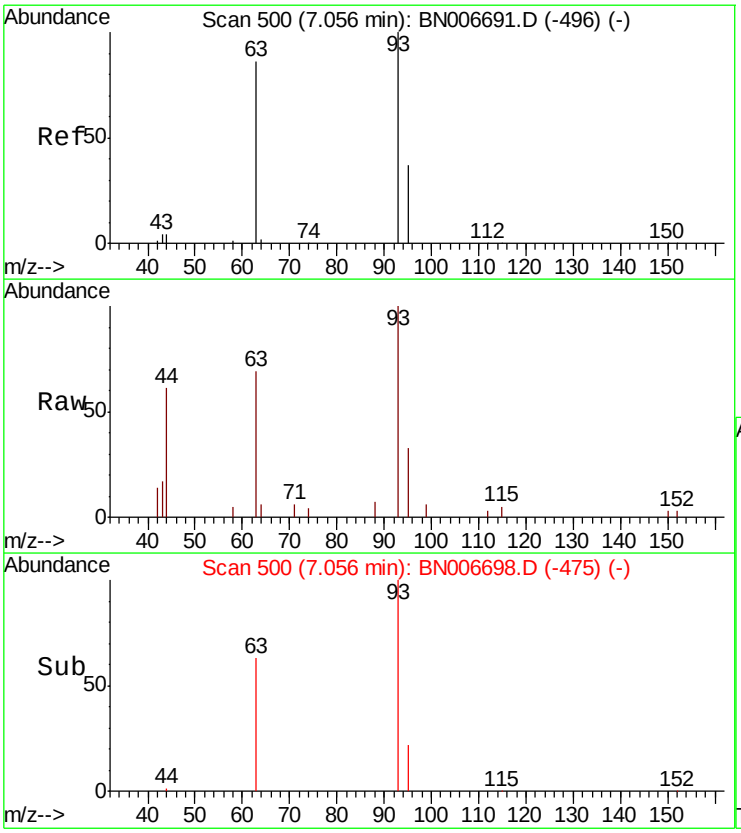
#5
Phenol-d6
Concen: 0.381 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion: 99 Resp: 6319

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.6	25.0
71	32.9	26.0	39.0

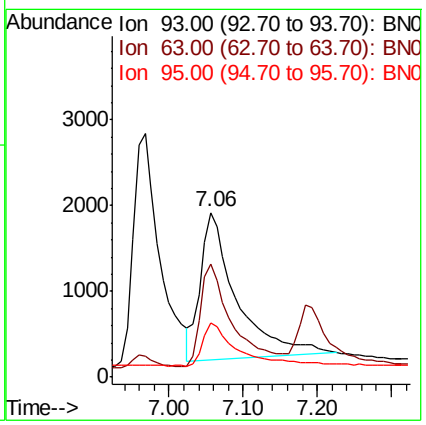


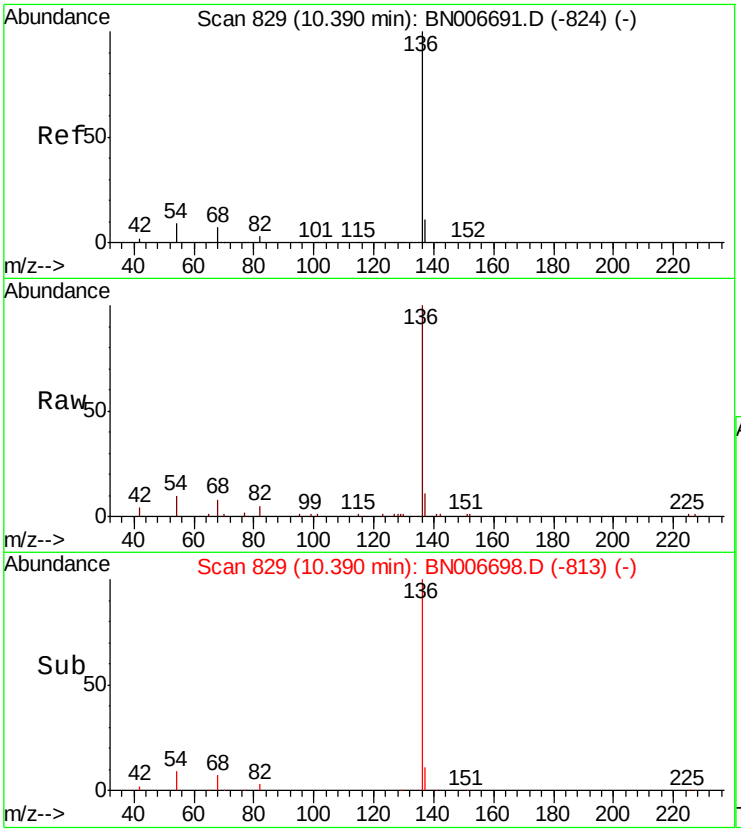


#6
bis(2-Chloroethyl)ether
Concen: 0.414 ng
RT: 7.06 min Scan# 500
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion: 93 Resp: 5814

Ion	Ratio	Lower	Upper
93	100		
63	62.7	58.6	87.8
95	29.4	28.3	42.5



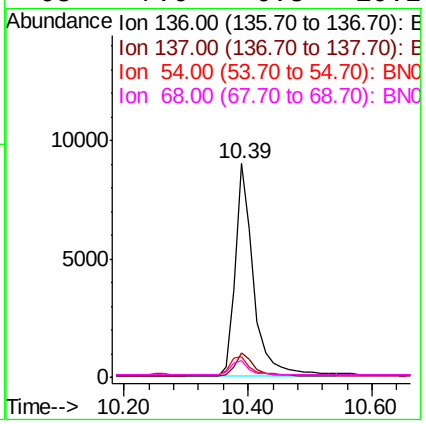


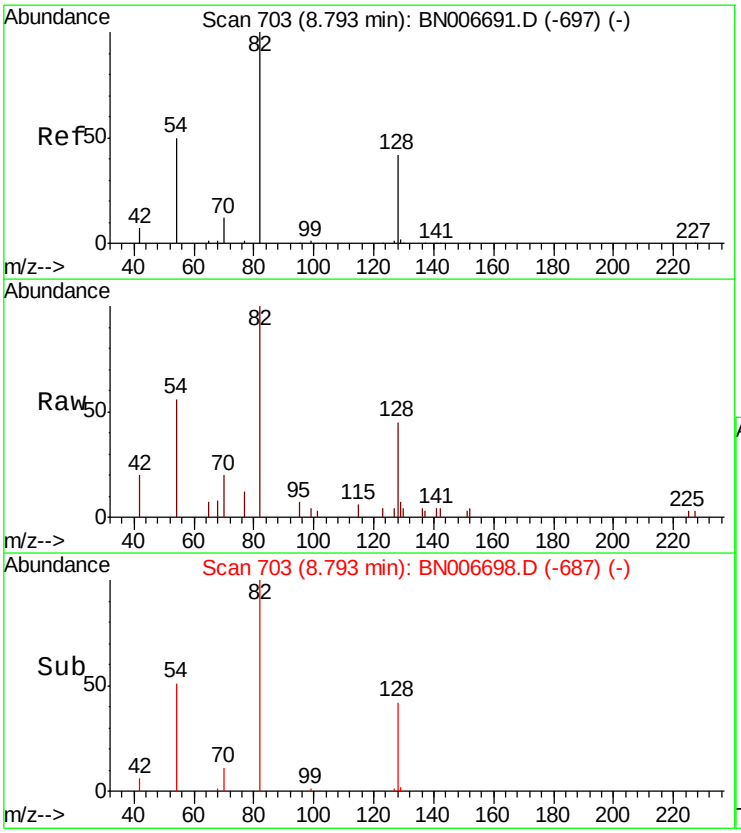
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:136 Resp: 18738

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	9.8	8.4	12.6
68	7.6	6.8	10.2

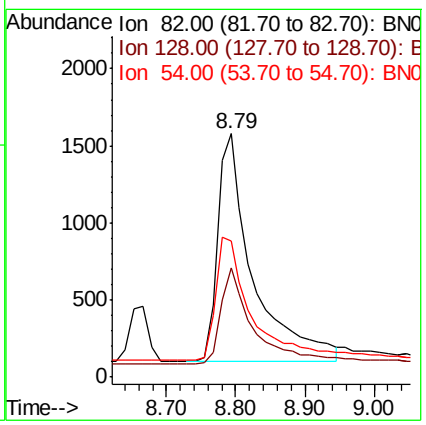


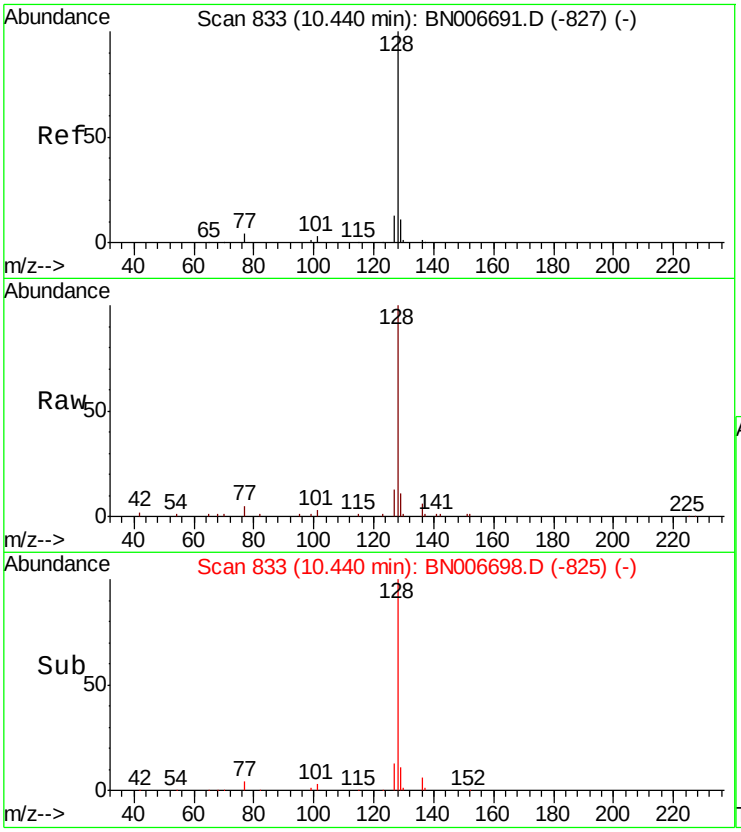


#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion: 82 Resp: 5252

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	55.9	44.5	66.7



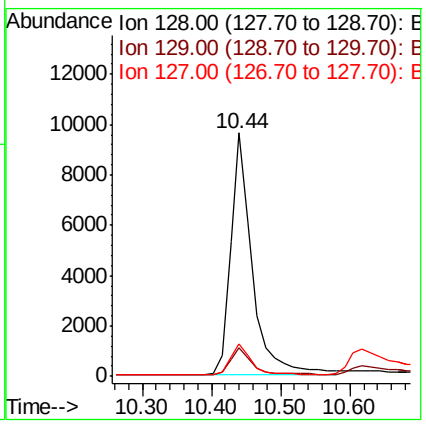


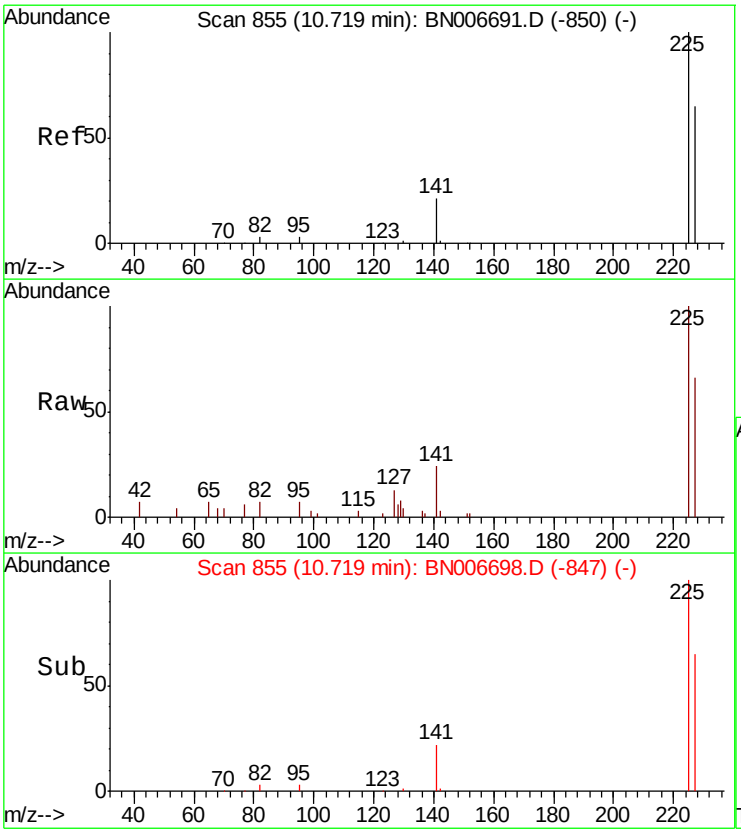
#9
Naphthalene
Concen: 0.404 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:128 Resp: 20730

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	13.5	11.0	16.4

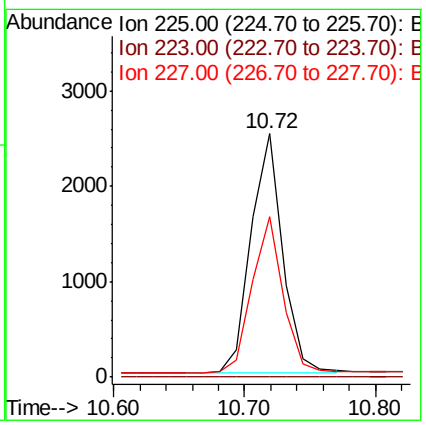


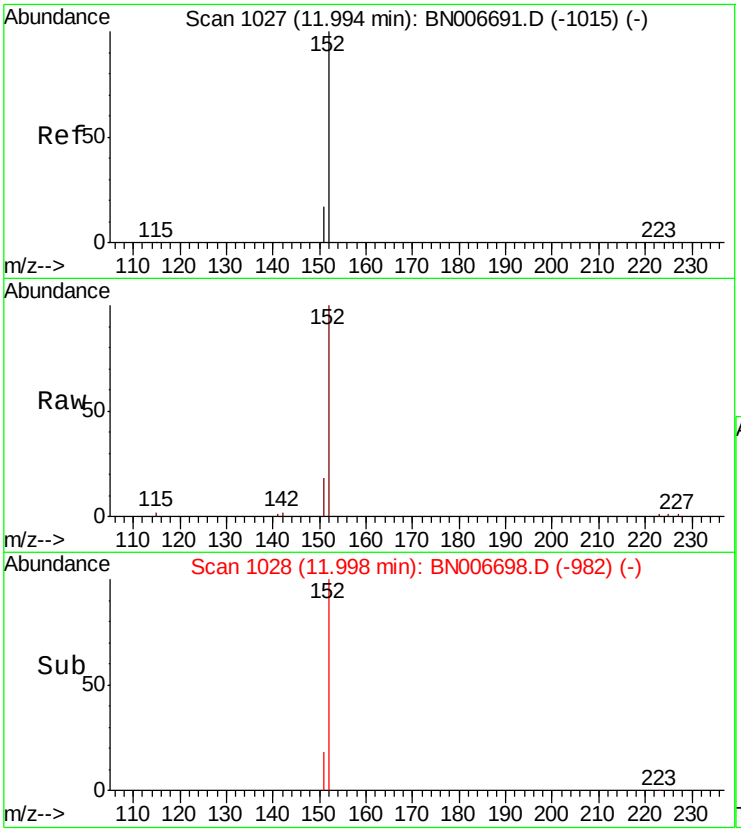


#10
Hexachlorobutadiene
Concen: 0.405 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:225 Resp: 4198

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.9	76.3



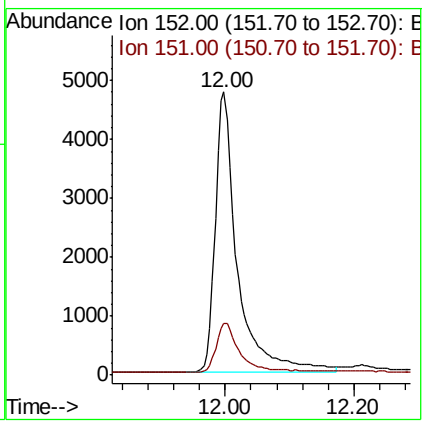


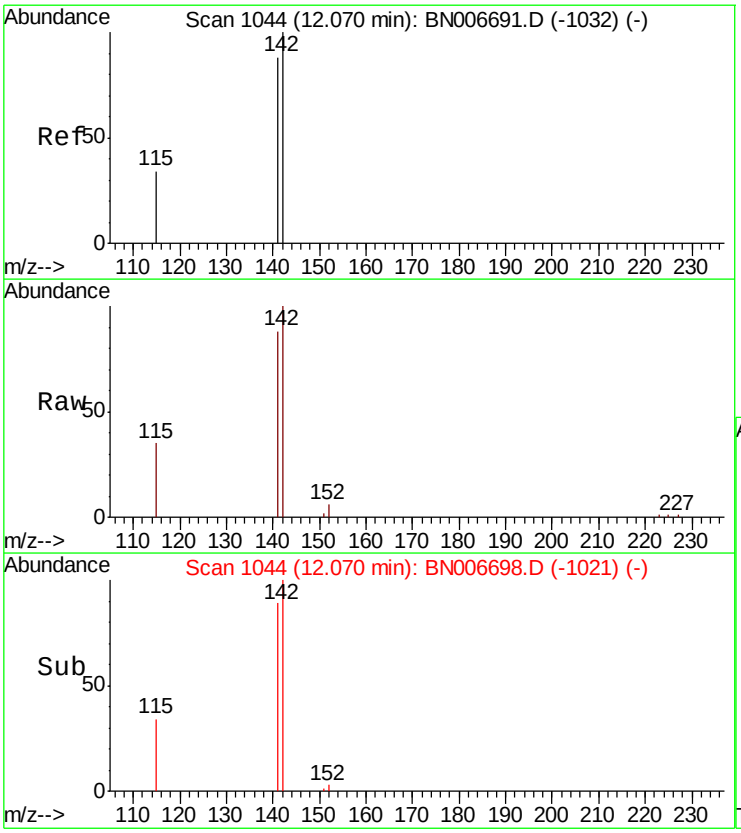
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.00 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:152 Resp: 11219

Ion	Ratio	Lower	Upper
152	100		
151	19.3	14.9	22.3

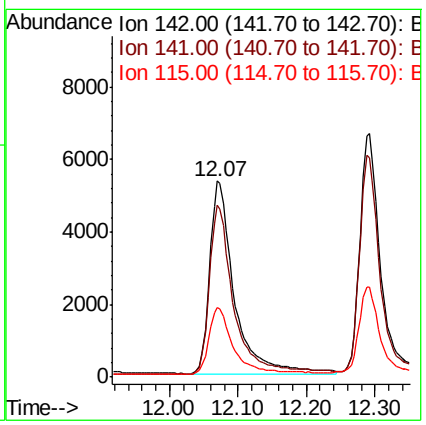


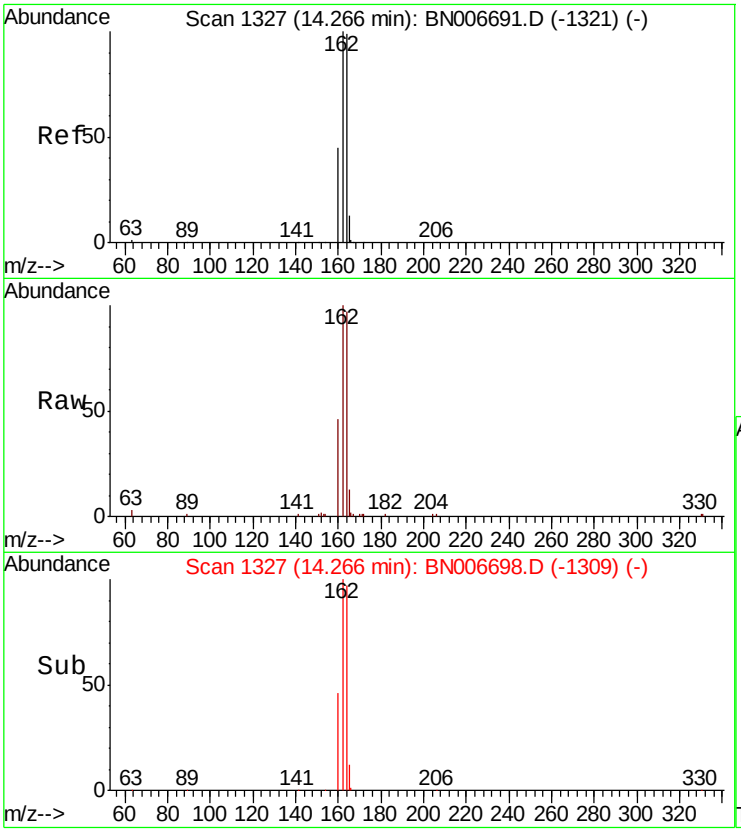


#12
2-Methylnaphthalene
Concen: 0.364 ng
RT: 12.07 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:142 Resp: 13277

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5
115	35.2	28.9	43.3



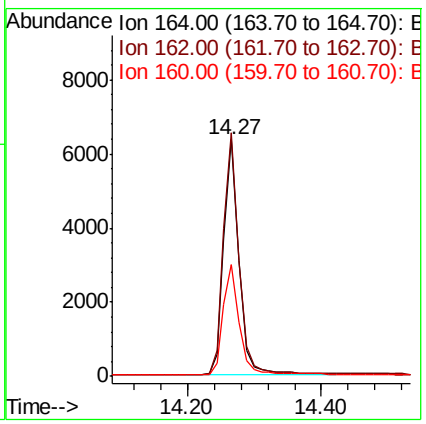


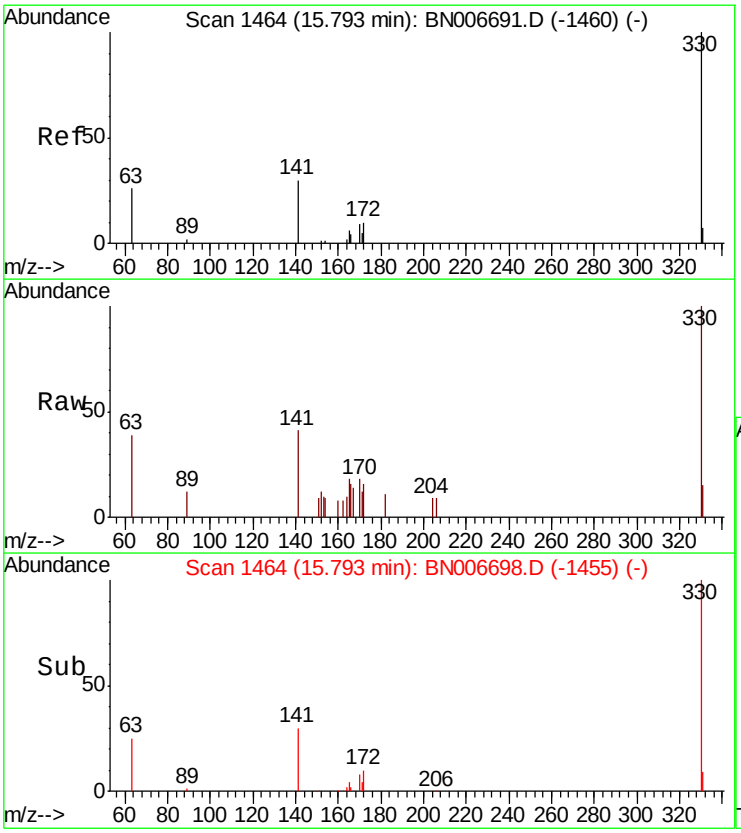
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:164 Resp: 10061

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.8	121.2
160	47.4	37.0	55.6

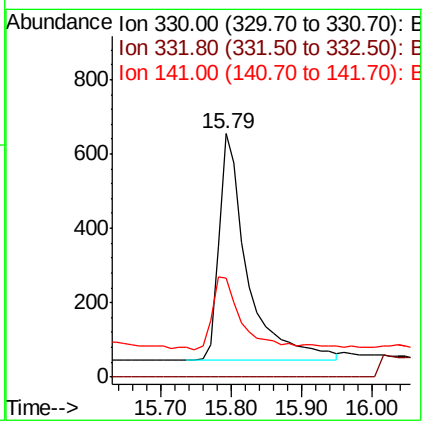


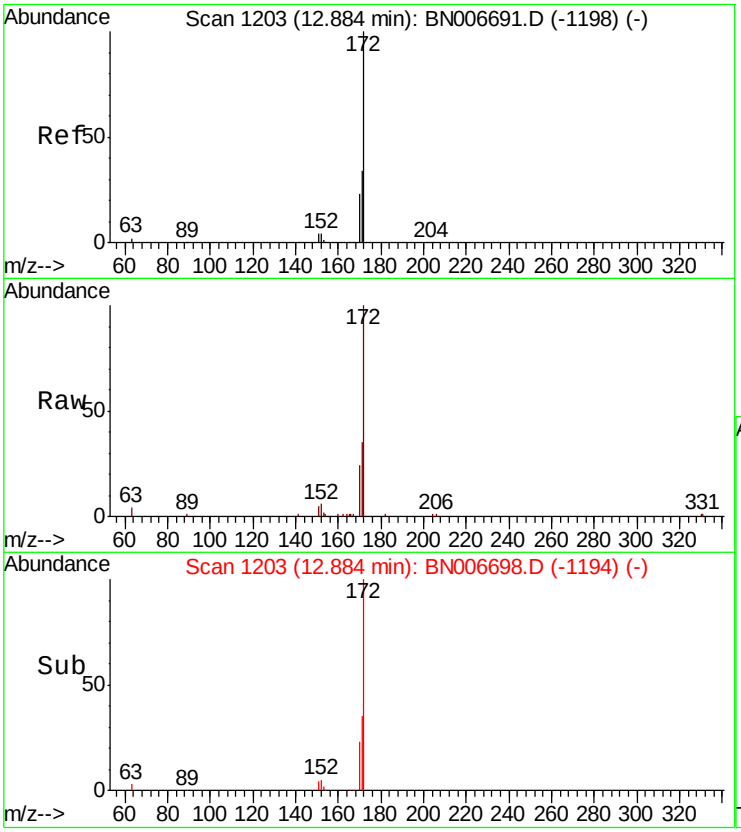


#14
2,4,6-Tribromophenol
Concen: 0.348 ng
RT: 15.79 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:330 Resp: 1721

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.1	24.8	37.2



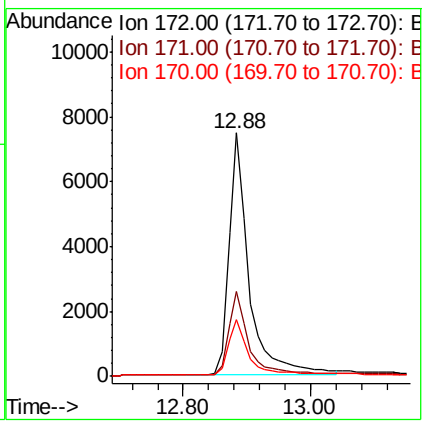


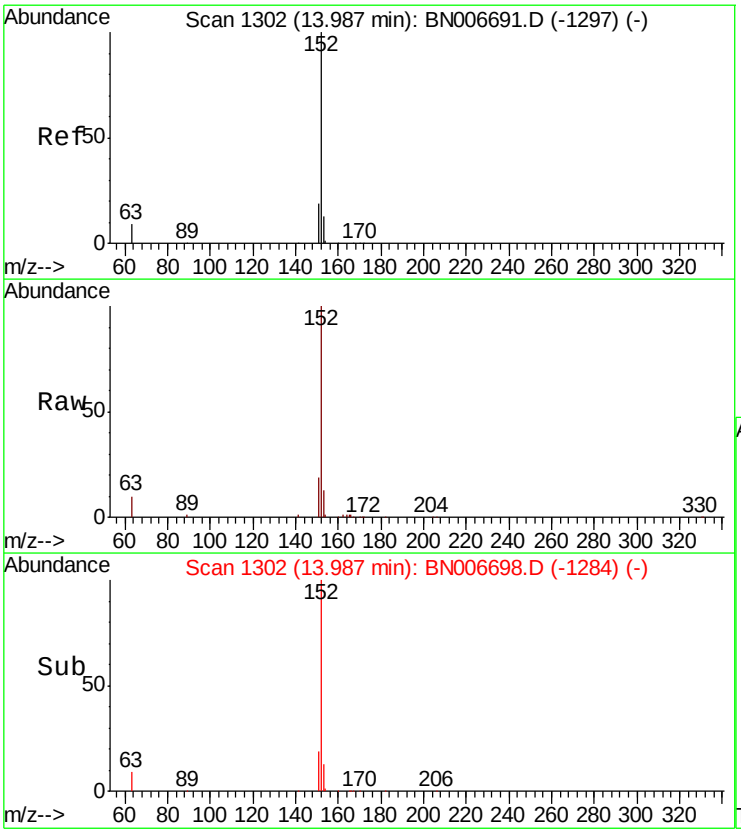
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:172 Resp: 16128

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.5	18.9	28.3

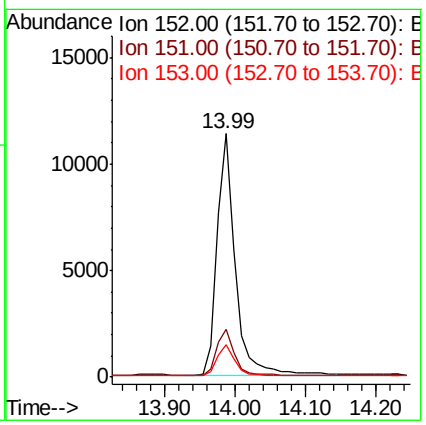


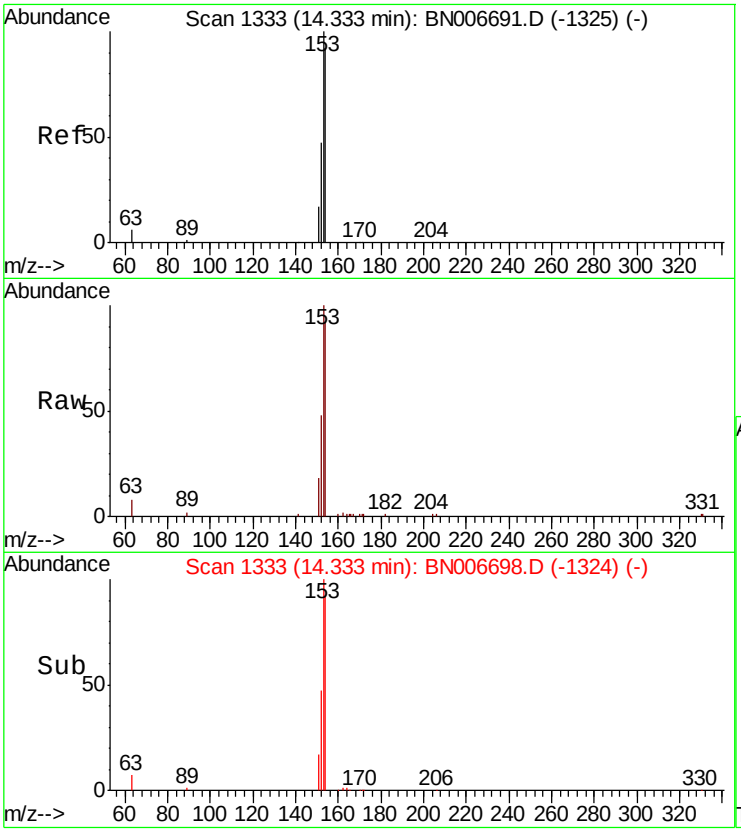


#16
Acenaphthylene
Concen: 0.414 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:152 Resp: 20770

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.6	15.8



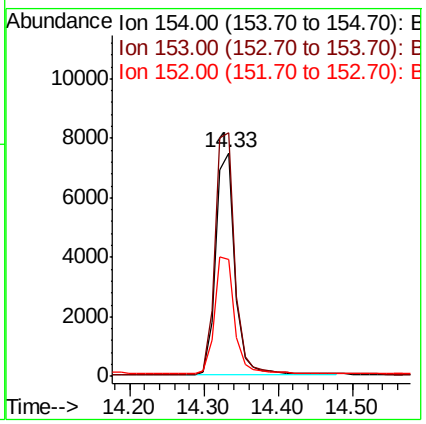


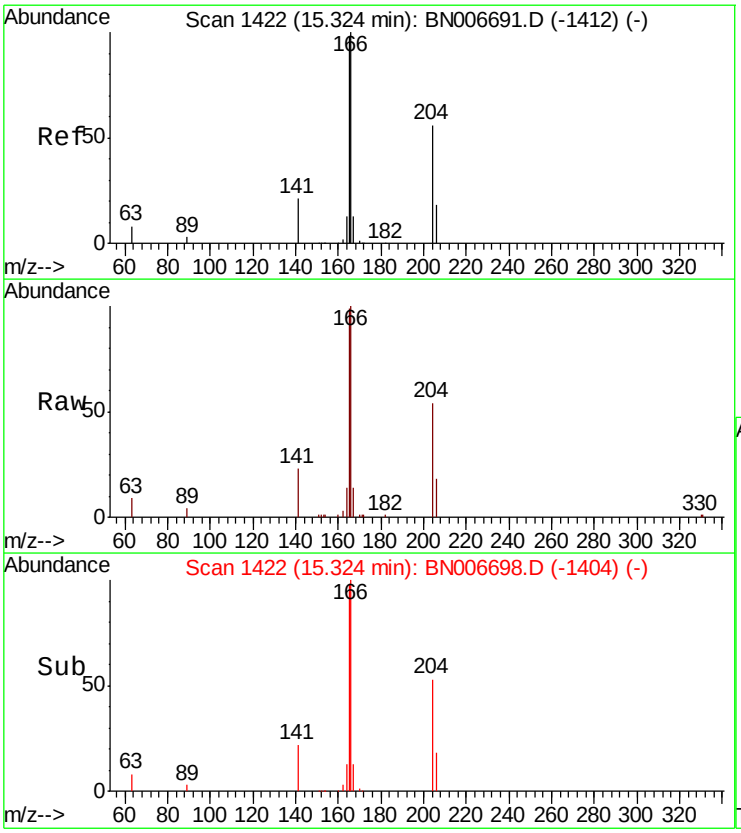
#17
Acenaphthene
Concen: 0.417 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:154 Resp: 13347

Ion	Ratio	Lower	Upper
154	100		
153	113.1	88.9	133.3
152	54.5	42.8	64.2

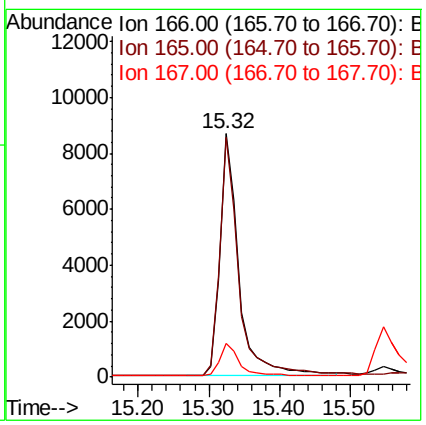


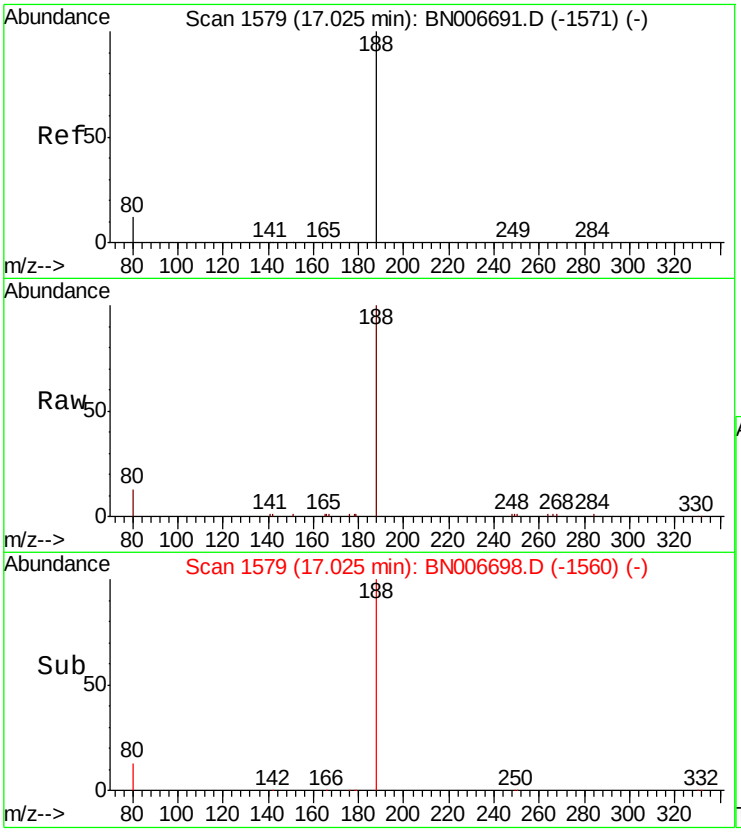


#18
Fluorene
Concen: 0.412 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:166 Resp: 16339

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.0	117.0
167	13.4	10.7	16.1



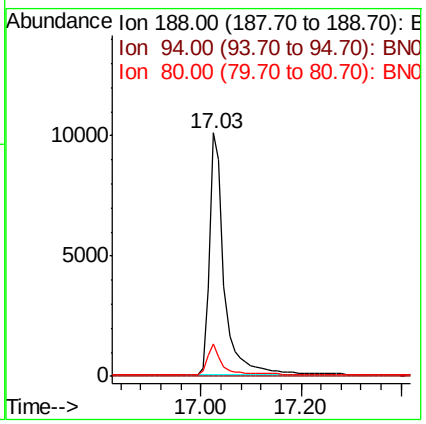


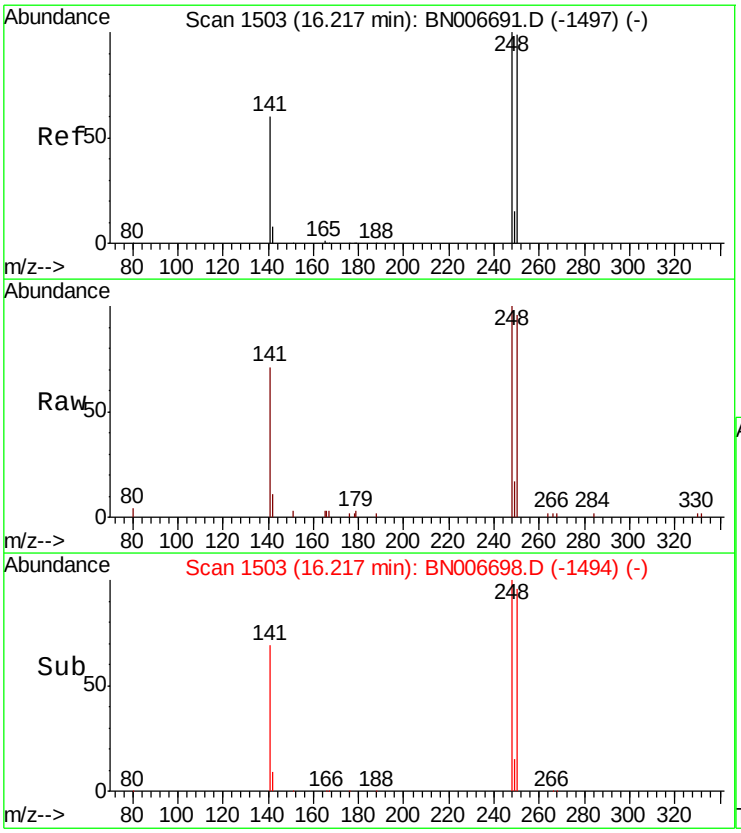
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:188 Resp: 21121

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.2	10.3	15.5

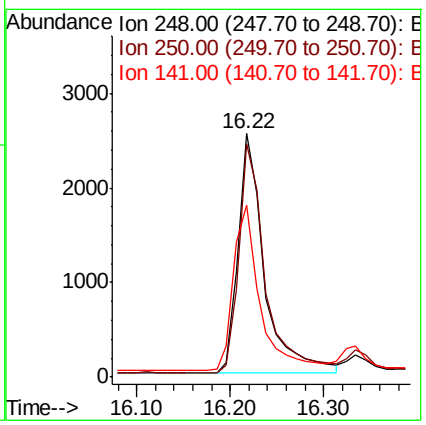


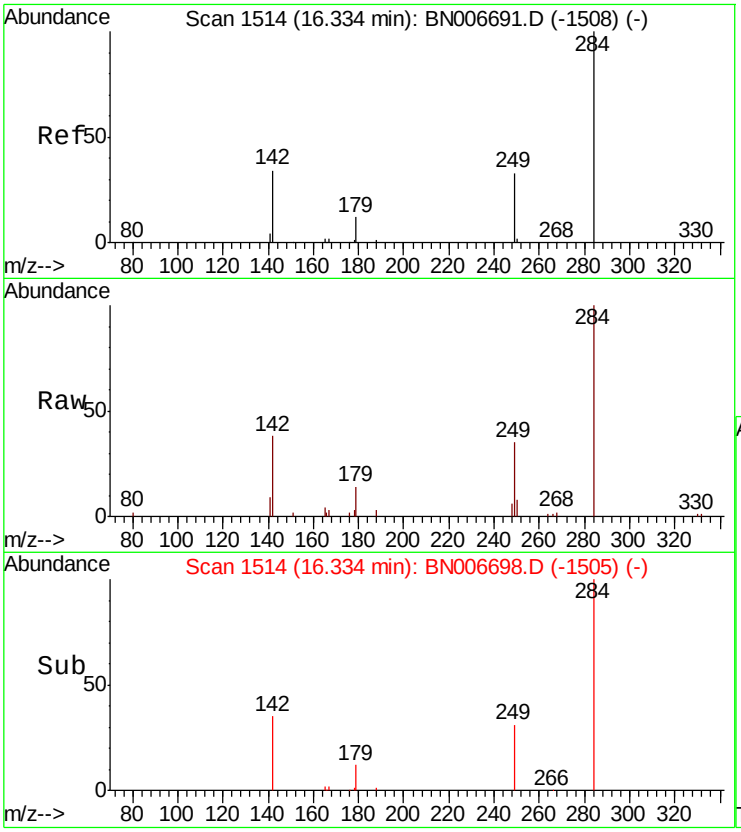


#20
4-Bromophenyl-phenylether
Concen: 0.395 ng
RT: 16.22 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:248 Resp: 4914

Ion	Ratio	Lower	Upper
248	100		
250	95.9	79.0	118.6
141	70.6	50.2	75.4



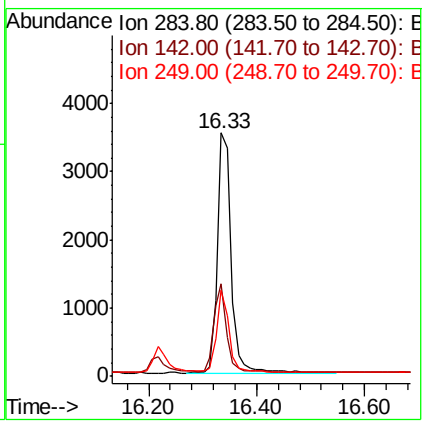


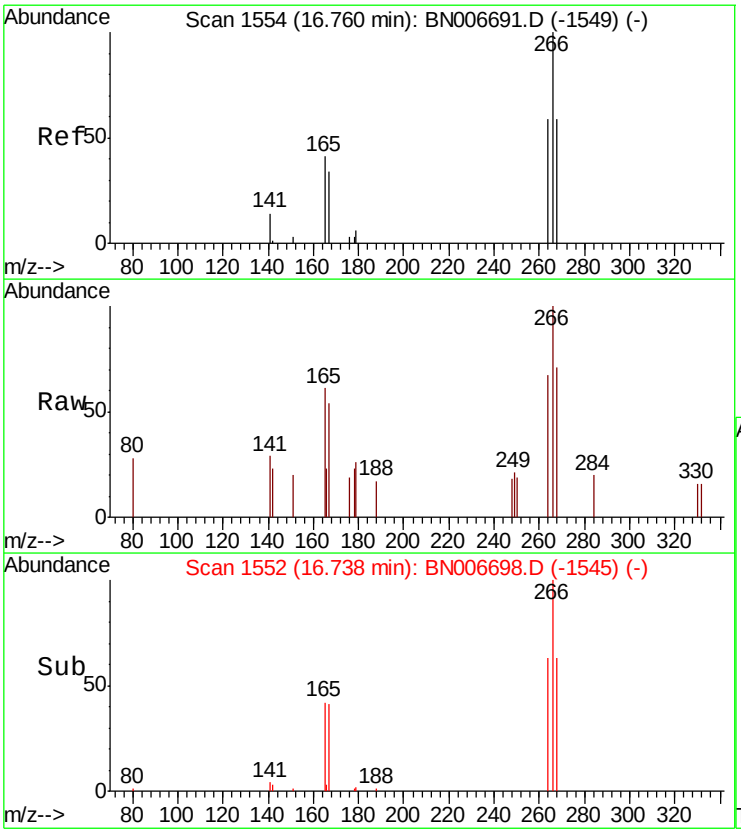
#21
Hexachlorobenzene
Concen: 0.419 ng
RT: 16.33 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:284 Resp: 6202

Ion	Ratio	Lower	Upper
284	100		
142	33.9	26.9	40.3
249	30.2	24.4	36.6

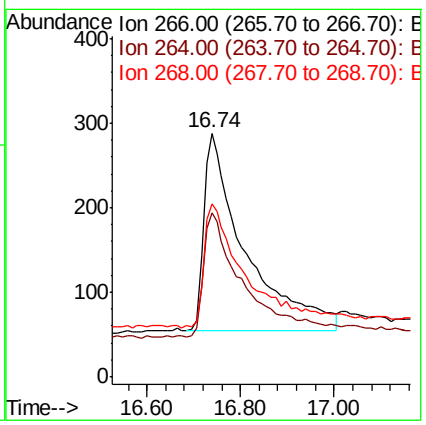


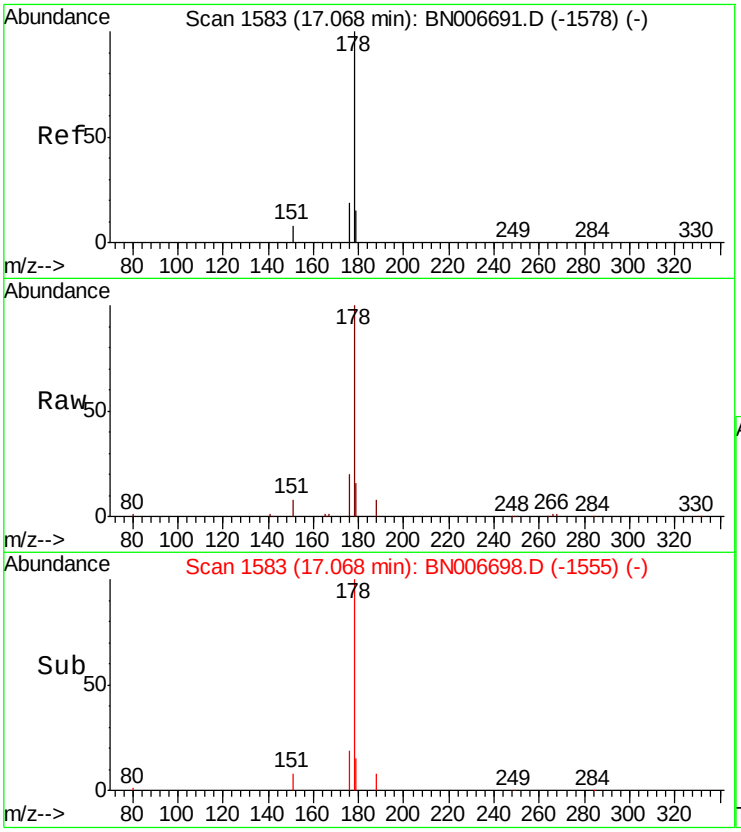


#22
Pentachlorophenol
Concen: 0.726 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:266 Resp: 1441

Ion	Ratio	Lower	Upper
266	100		
264	67.4	57.6	86.4
268	71.2	66.6	99.8



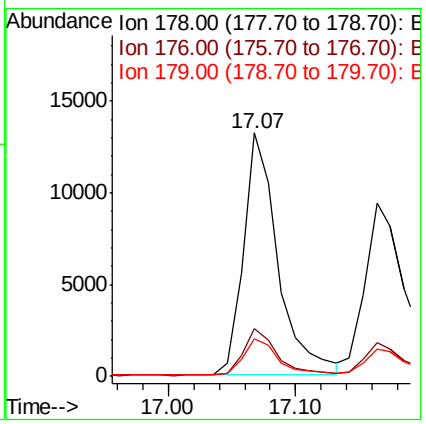


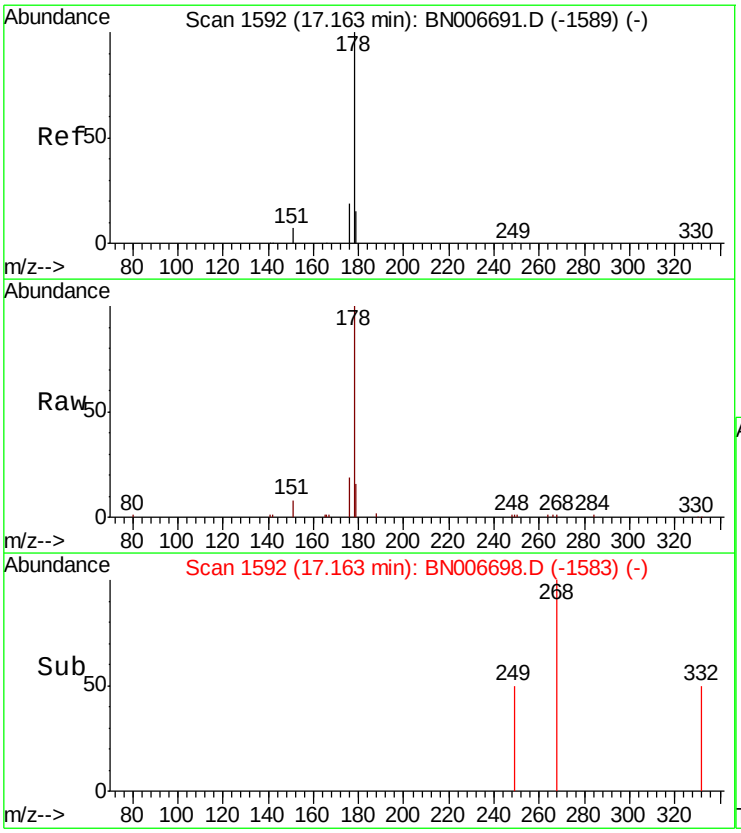
#23
Phenanthrene
Concen: 0.409 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:178 Resp: 24924

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.4	12.4	18.6

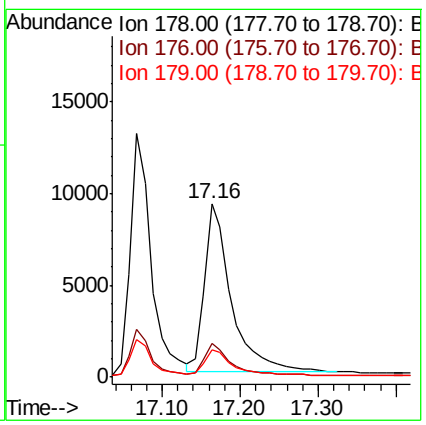


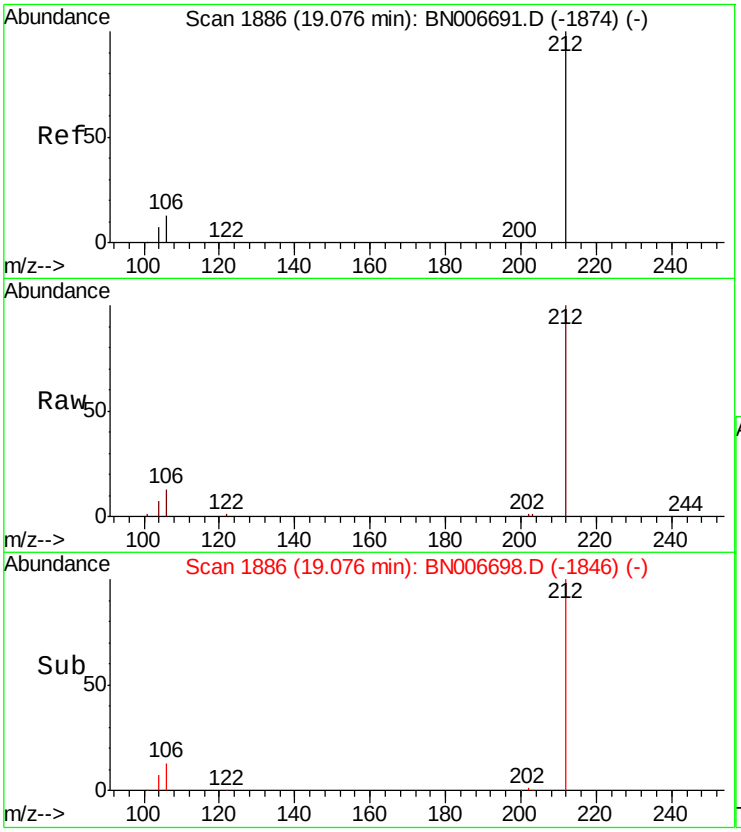


#24
Anthracene
Concen: 0.392 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:178 Resp: 21584

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.2	11.9	17.9



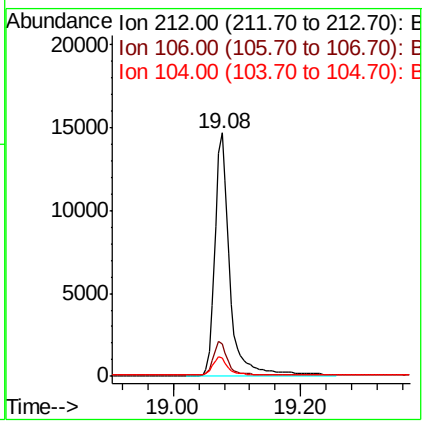


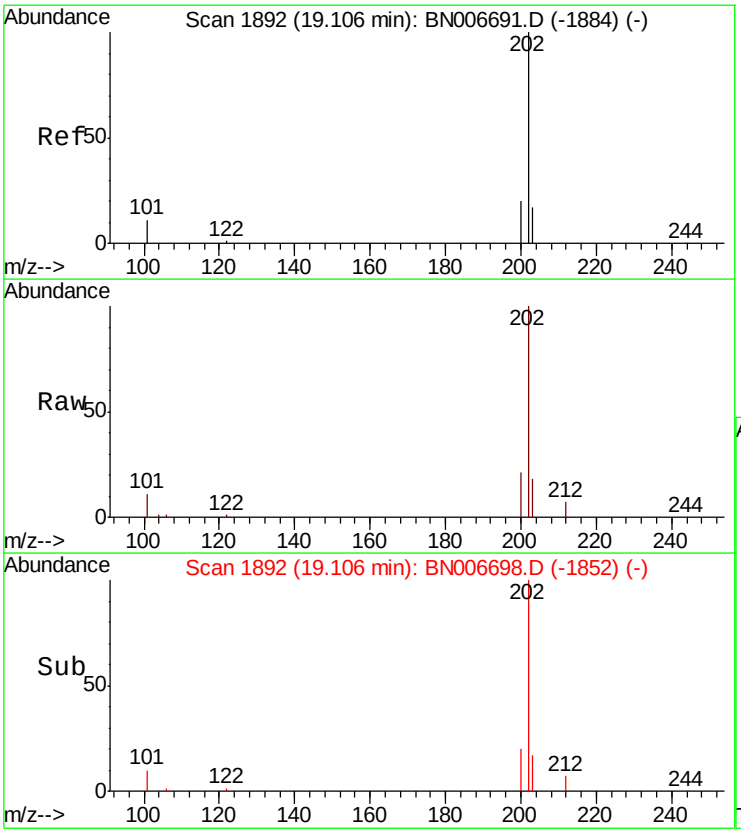
#25
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:212 Resp: 23682

Ion	Ratio	Lower	Upper
212	100		
106	13.7	11.0	16.6
104	7.4	6.1	9.1

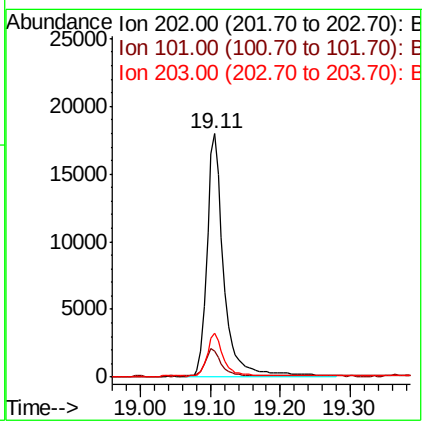


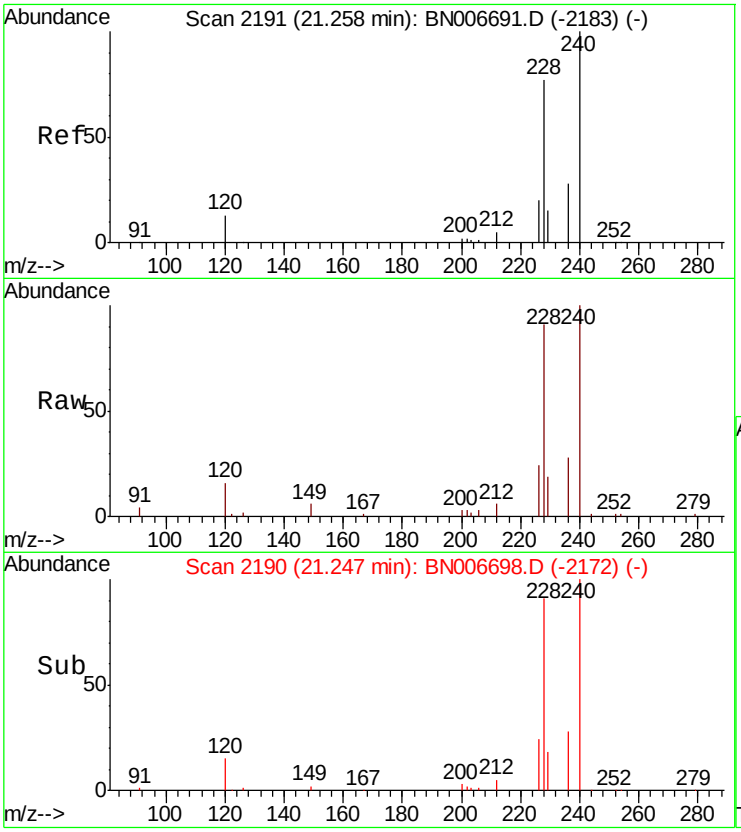


#26
Fluoranthene
Concen: 0.415 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:202 Resp: 29695

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.7	13.1
203	17.3	13.8	20.6



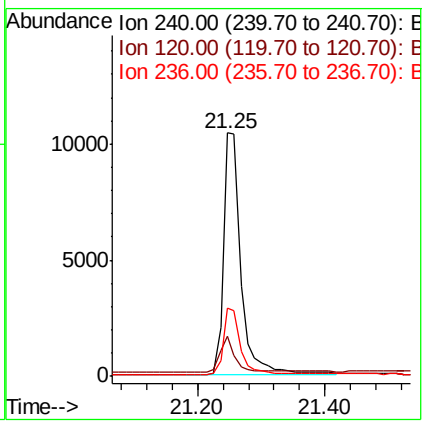


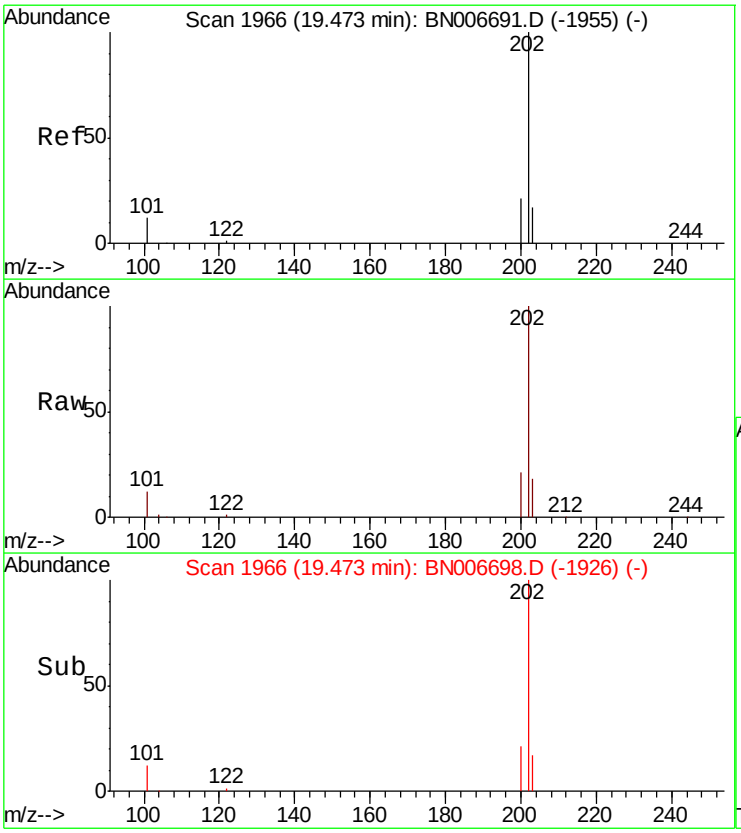
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:240 Resp: 19806

Ion	Ratio	Lower	Upper
240	100		
120	16.5	12.9	19.3
236	28.2	23.2	34.8

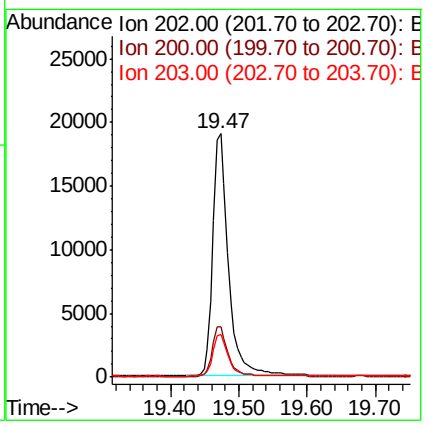


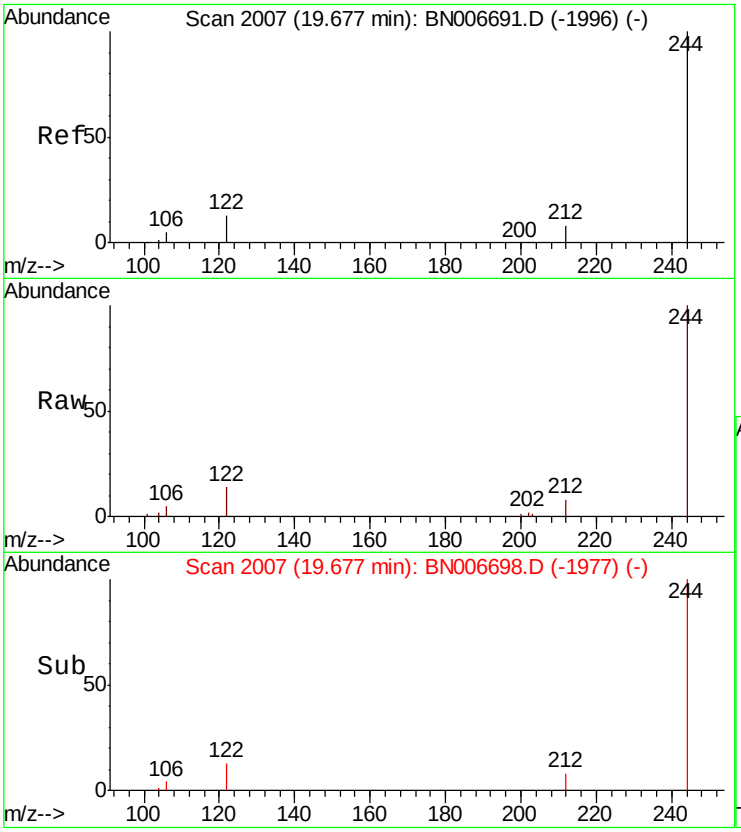


#28
Pyrene
Concen: 0.386 ng
RT: 19.47 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:202 Resp: 30594

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.4	14.2	21.2



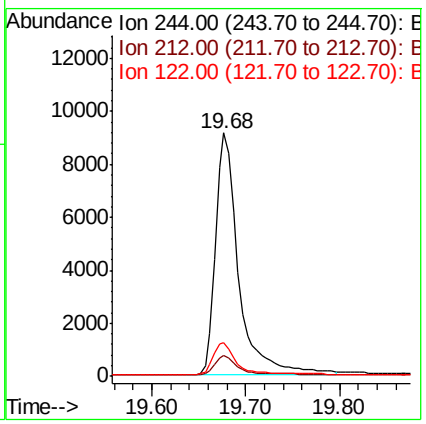


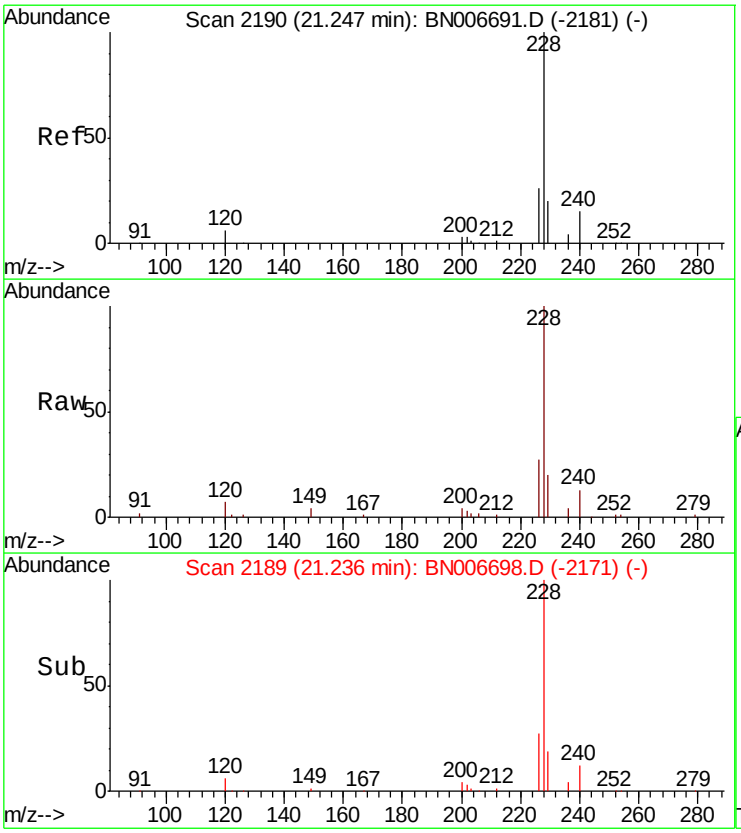
#29
Terphenyl-d14
Concen: 0.344 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:244 Resp: 15681

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	13.7	11.5	17.3

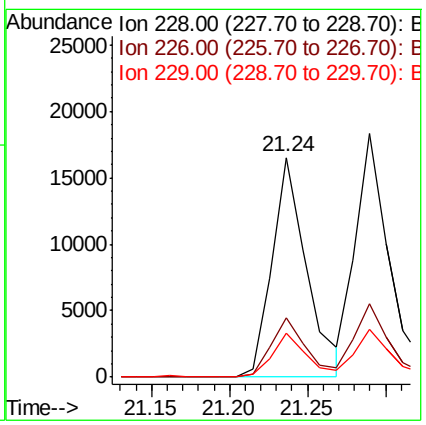


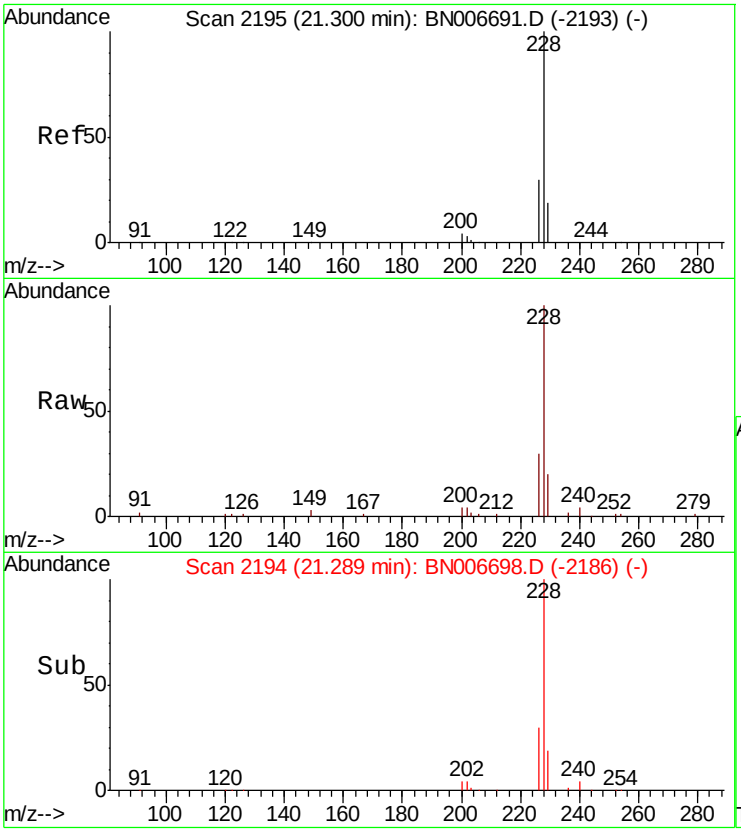


#30
Benzo(a)anthracene
Concen: 0.369 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:228 Resp: 25180

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.5	32.3
229	19.8	16.2	24.4



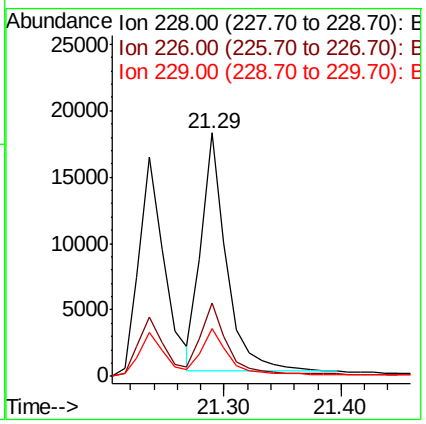


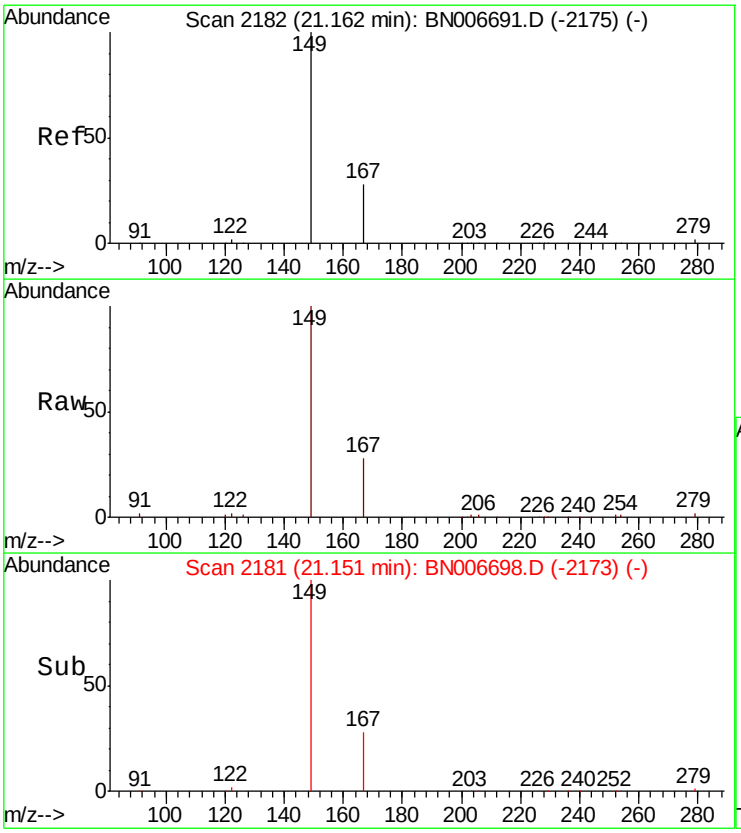
#31
Chrysene
Concen: 0.384 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:228 Resp: 27060

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.5	15.8	23.6

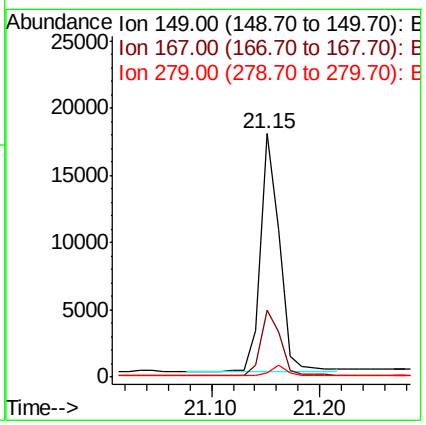


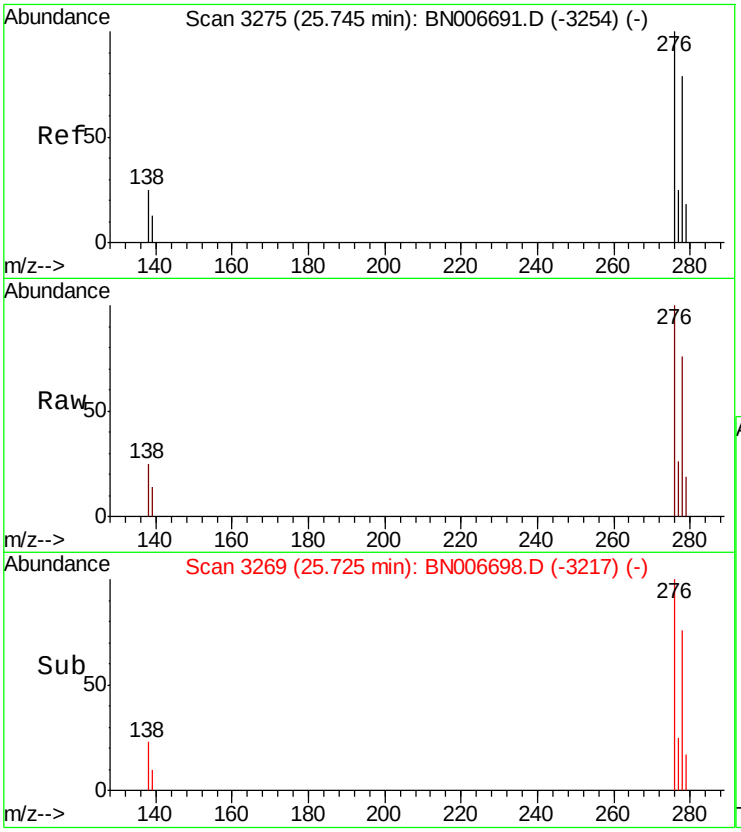


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.104 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:149 Resp: 21273

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.9	34.3
279	4.2	3.2	4.8



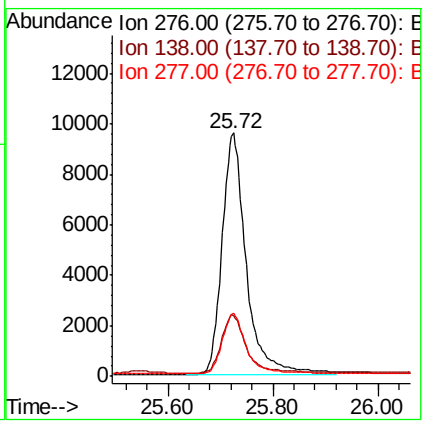


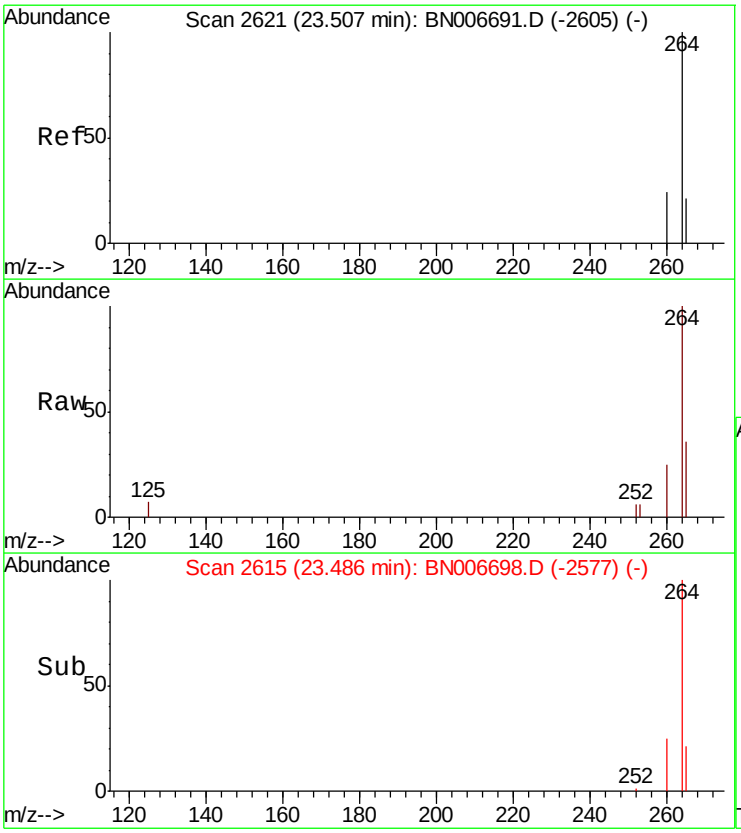
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng
RT: 25.72 min Scan# 3269
Delta R.T. -0.02 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:276 Resp: 30749

Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.5	29.3
277	24.7	19.7	29.5

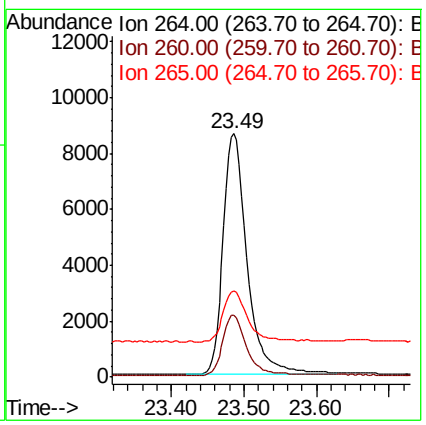


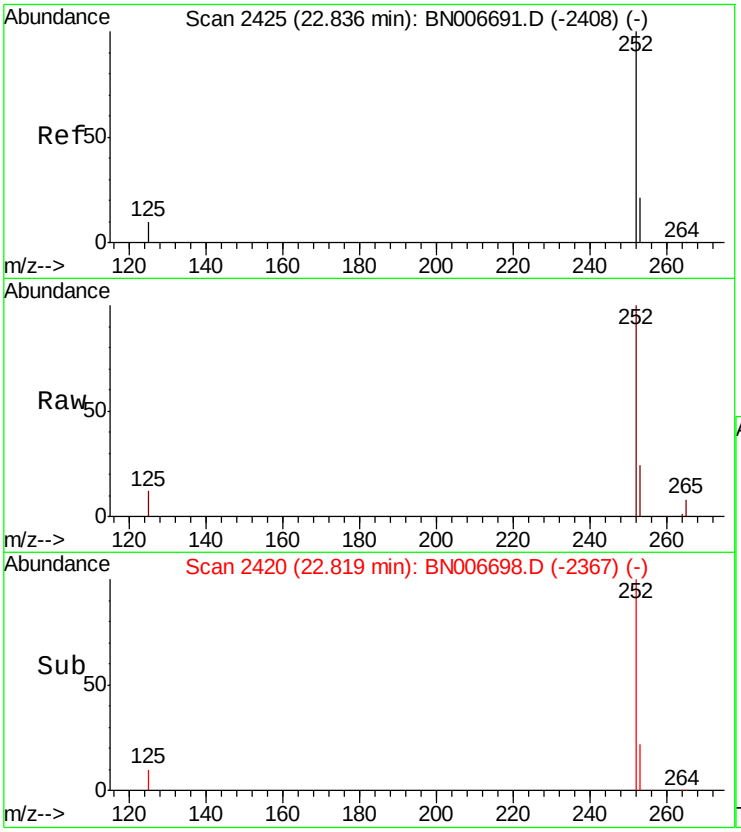


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2615
Delta R.T. -0.02 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:264 Resp: 19864

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	35.6	33.7	50.5



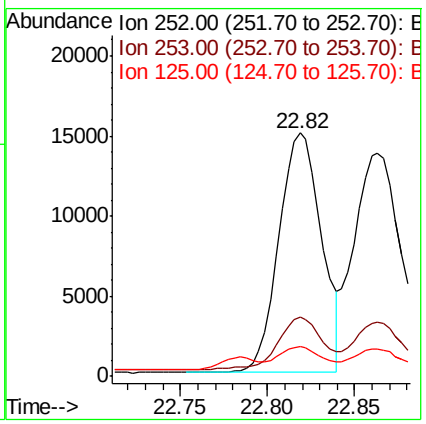


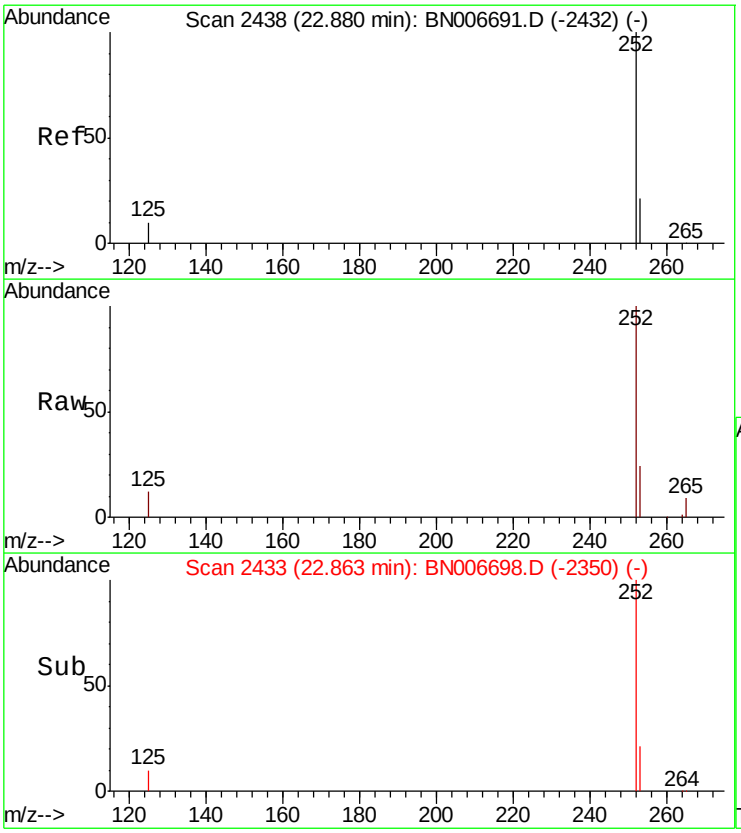
#35
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 22.82 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:252 Resp: 25563

Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.2	30.2
125	12.4	11.5	17.3

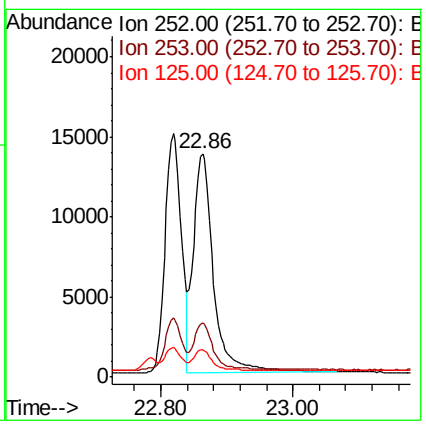


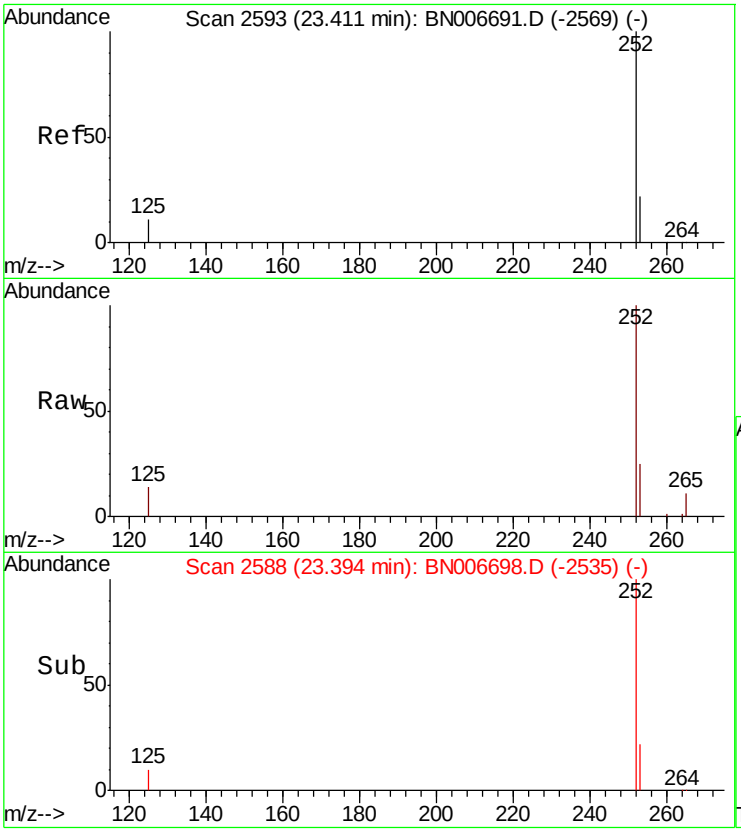


#36
Benzo(k)fluoranthene
Concen: 0.420 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.02 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:252 Resp: 29010

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.1	30.1
125	12.4	11.4	17.0



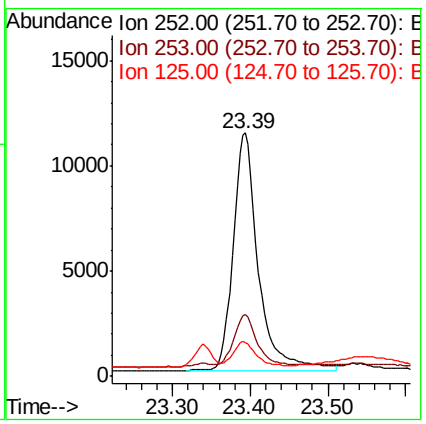


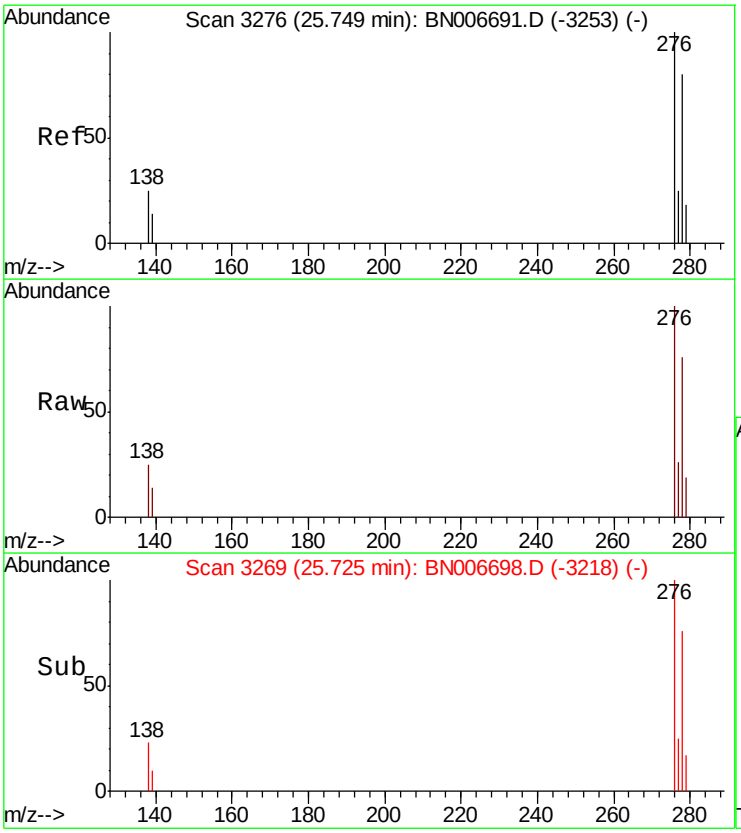
#37
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.39 min Scan# 2588
Delta R.T. -0.02 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:252 Resp: 25504

Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.4	32.2
125	13.9	13.3	19.9

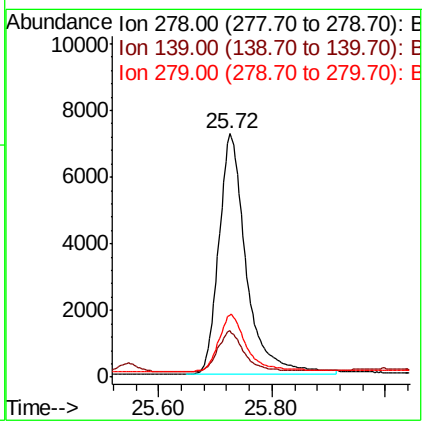


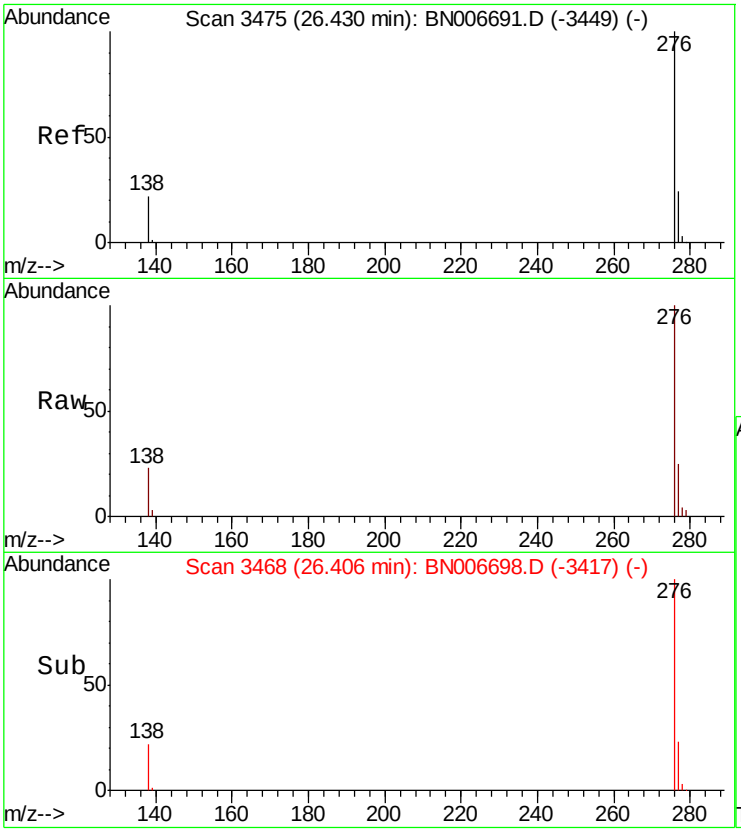


#38
Dibenzo(a,h)anthracene
Concen: 0.398 ng
RT: 25.72 min Scan# 3269
Delta R.T. -0.02 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:278 Resp: 24399

Ion	Ratio	Lower	Upper
278	100		
139	19.0	16.2	24.4
279	25.3	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 0.409 ng
RT: 26.41 min Scan# 3468
Delta R.T. -0.02 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tgt Ion:276 Resp: 25817

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.6	30.8
138	23.1	19.7	29.5