Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
Data File : BN004832.D
Acq On : 20 Mar 2019 22:53
Operator : JU/SJ
Sample : PB118052BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB118052BS

Quant Time: Mar 21 08:48:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1492	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	6536	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	4248	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	11001	0.40	ng		0.00
27) Chrysene-d12	21.29	240	15323	0.40	ng		0.00
34) Perylene-d12	23.54	264	17097	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	1540	0.38	ng		0.00
5) Phenol-d6	6.88	99	1866	0.37	ng		0.00
8) Nitrobenzene-d5	8.87	82	1575	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	4552	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	961	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.96	172	7086	0.40	ng		0.00
25) Fluoranthene-d10	19.13	212	14142	0.38	ng		0.00
29) Terphenyl-d14	19.73	244	12578	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	629	0.371	ng		97
3) n-Nitrosodimethylamine	3.58	42	324	0.323	ng		95
6) bis(2-Chloroethyl)ether	7.14	93	1771	0.389	ng		96
9) Naphthalene	10.54	128	7325	0.400	ng		99
10) Hexachlorobutadiene	10.81	225	1451	0.415	ng	#	98
12) 2-Methylnaphthalene	12.16	142	5487	0.403	ng		100
16) Acenaphthylene	14.06	152	8056	0.368	ng		100
17) Acenaphthene	14.40	154	5724	0.399	ng		99
18) Fluorene	15.39	166	7932	0.397	ng		100
20) 4-Bromophenyl-phenylether	16.28	248	2813	0.391	ng		100
21) Hexachlorobenzene	16.39	284	3356	0.408	ng		99
22) Pentachlorophenol	16.76	266	538	0.334	ng		97
23) Phenanthrene	17.13	178	14050	0.396	ng		99
24) Anthracene	17.23	178	11923	0.376	ng		100
26) Fluoranthene	19.16	202	17820	0.390	ng		99
28) Pyrene	19.53	202	18362	0.393	ng		100
30) Benzo(a)anthracene	21.28	228	18998	0.378	ng		99
31) Chrysene	21.33	228	21946	0.415	ng		99
32) Bis(2-ethylhexyl)phthalate	21.18	149	7711	0.384	ng		100
33) Indeno(1,2,3-cd)pyrene	25.81	276	31235	0.408	ng		100
35) Benzo(b)fluoranthene	22.86	252	25291	0.409	ng		100
36) Benzo(k)fluoranthene	22.91	252	23940	0.393	ng		99
37) Benzo(a)pyrene	23.44	252	22306	0.393	ng		100
38) Dibenzo(a,h)anthracene	25.82	278	25686	0.391	ng		100
39) Benzo(g,h,i)perylene	26.52	276	25883	0.387	ng		100

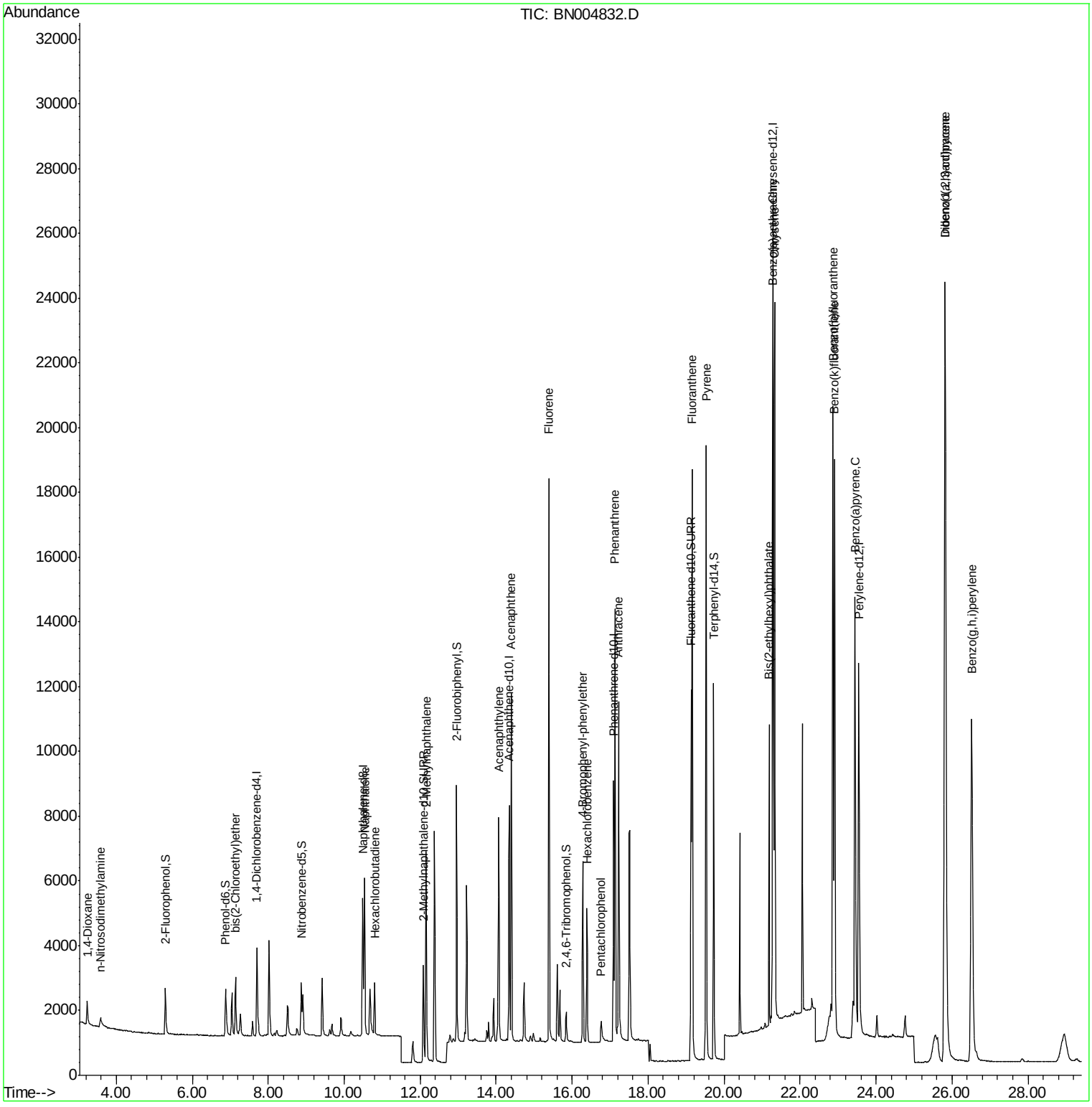
(#) = qualifier out of range (m) = manual integration (+) = signals summed

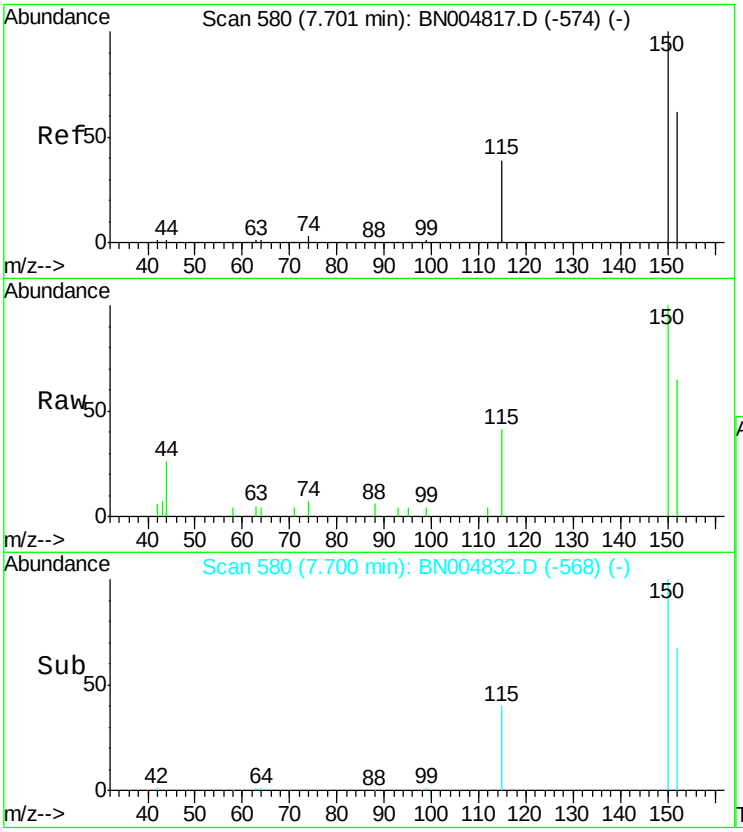
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
Data File : BN004832.D
Acq On : 20 Mar 2019 22:53
Operator : JU/SJ
Sample : PB118052BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Quant Time: Mar 21 08:48:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration



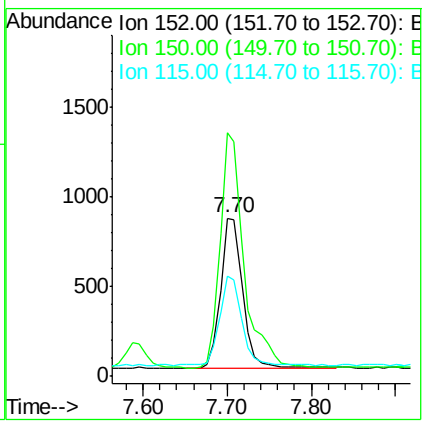


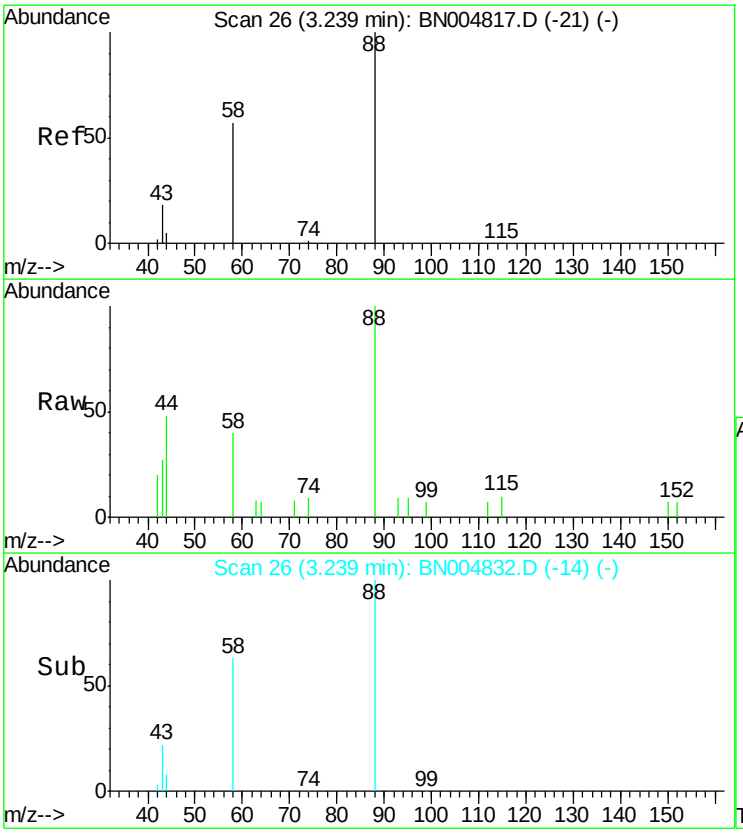
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:152 Resp: 1492

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.2	189.4
115	63.1	52.6	79.0

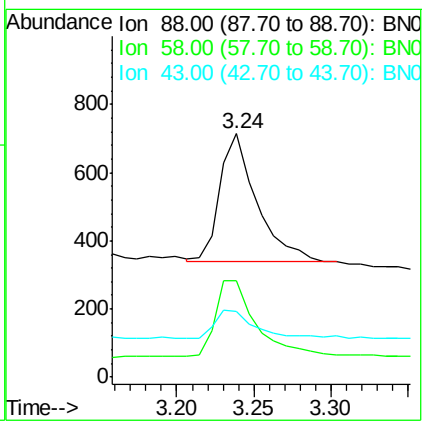


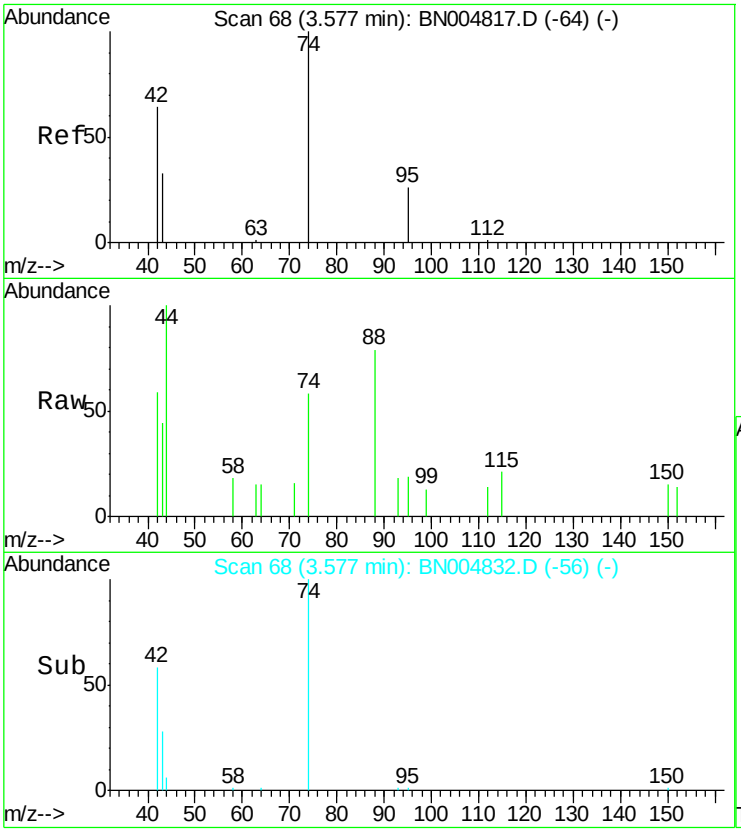


#2
1,4-Dioxane
Concen: 0.371 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion: 88 Resp: 629

Ion	Ratio	Lower	Upper
88	100		
58	66.3	51.4	77.2
43	23.2	20.0	30.0



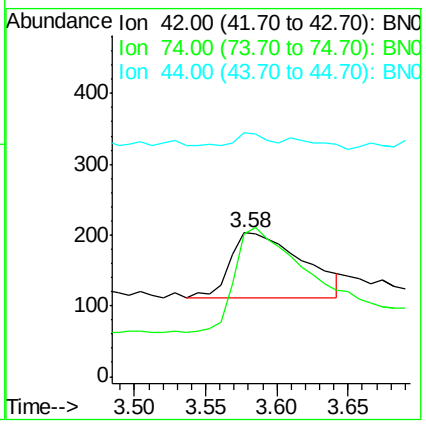


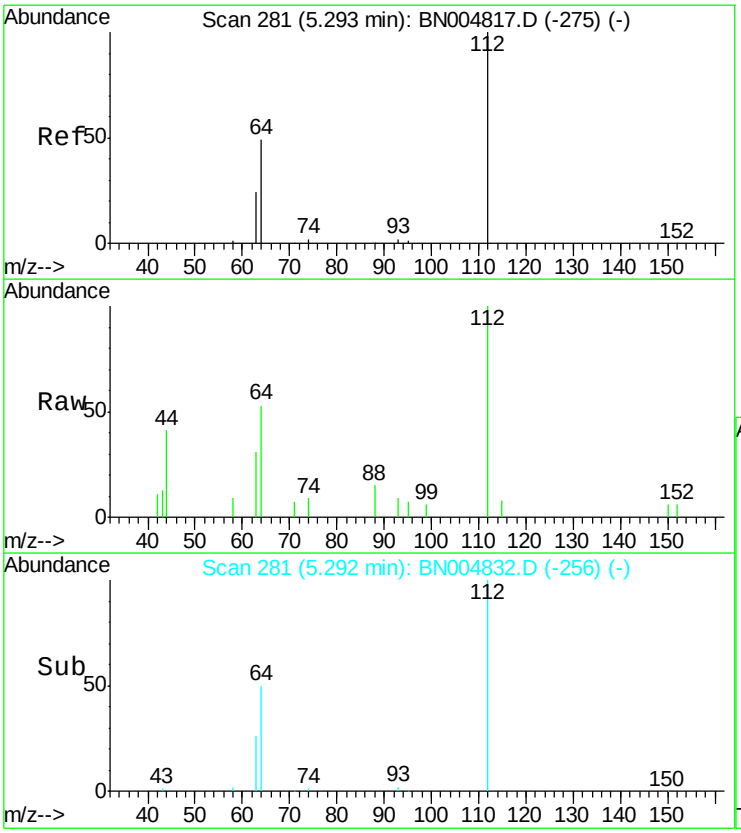
#3
n-Nitrosodimethylamine
Concen: 0.323 ng
RT: 3.58 min Scan# 68
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion: 42 Resp: 324

Ion	Ratio	Lower	Upper
42	100		
74	154.0	128.4	192.6
44	7.1	6.1	9.1

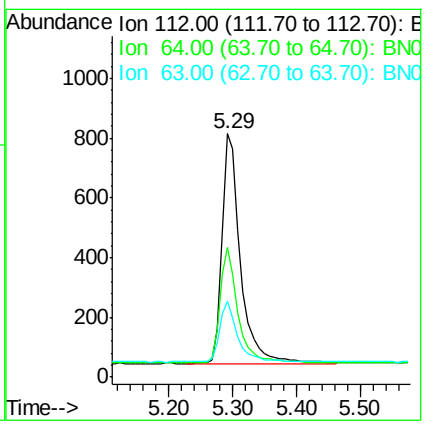


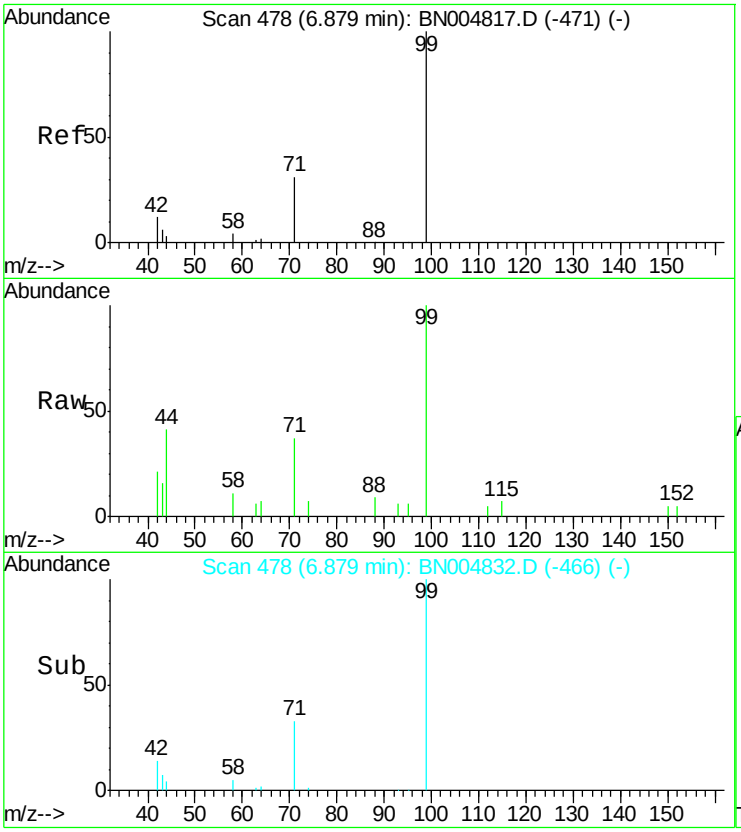


#4
2-Fluorophenol
Concen: 0.380 ng
RT: 5.29 min Scan# 281
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:112 Resp: 1540

Ion	Ratio	Lower	Upper
112	100		
64	49.4	40.0	60.0
63	25.1	20.2	30.2



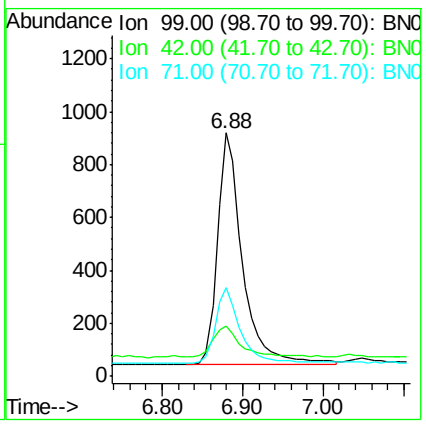


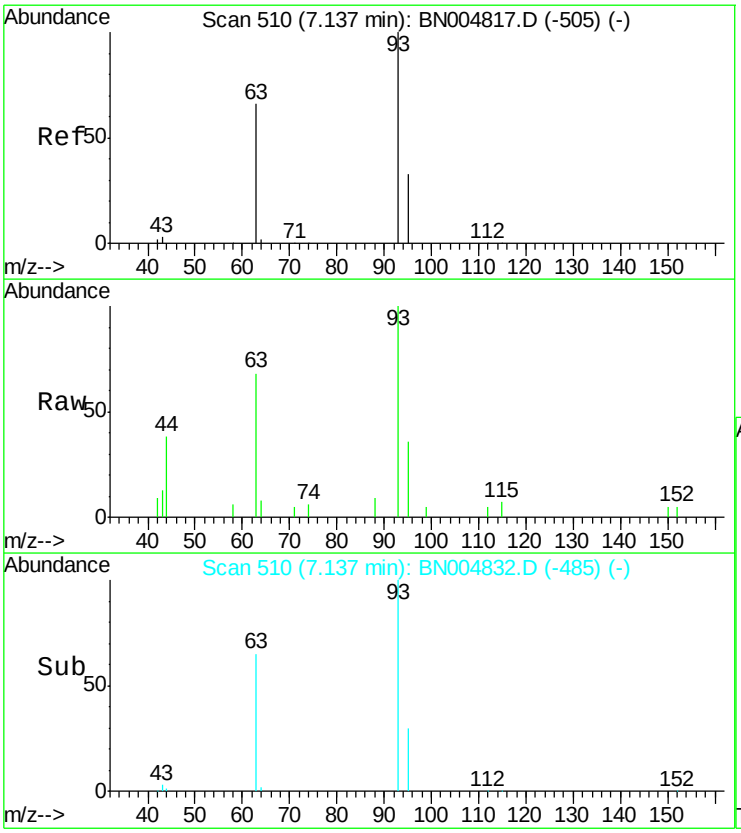
#5
Phenol-d6
Concen: 0.370 ng
RT: 6.88 min Scan# 478
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion: 99 Resp: 1866

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.7	19.1
71	31.8	26.6	40.0

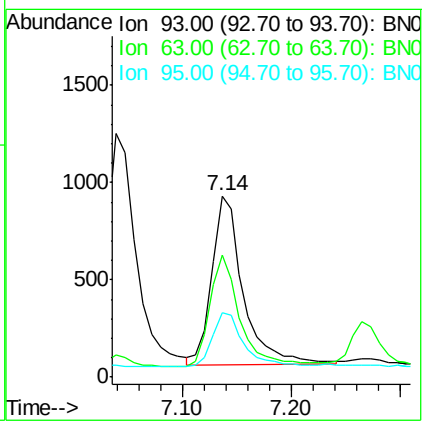


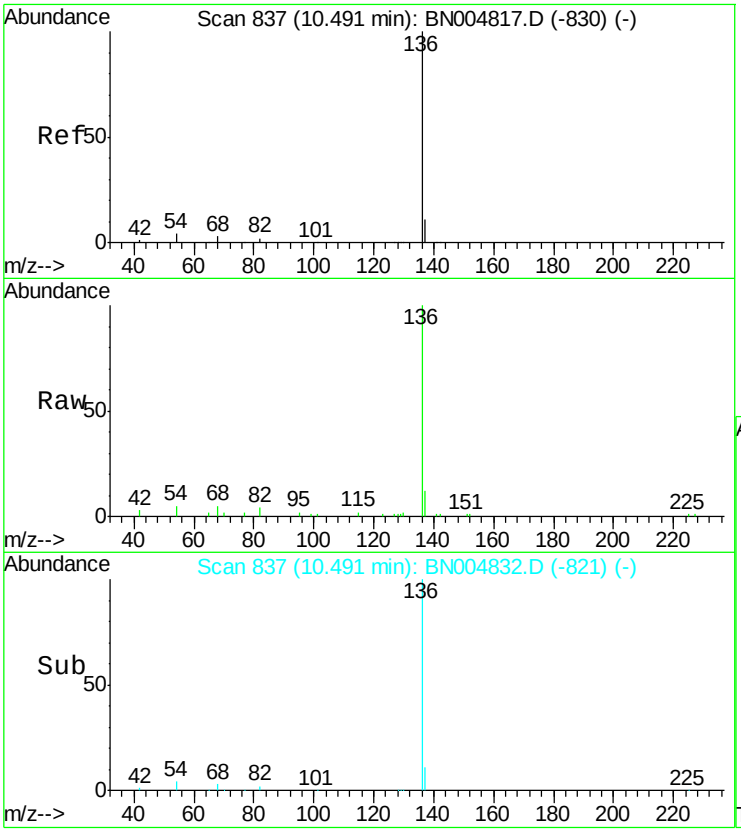


#6
bis(2-Chloroethyl)ether
Concen: 0.389 ng
RT: 7.14 min Scan# 510
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion: 93 Resp: 1771

Ion	Ratio	Lower	Upper
93	100		
63	61.9	52.6	78.8
95	31.7	25.9	38.9



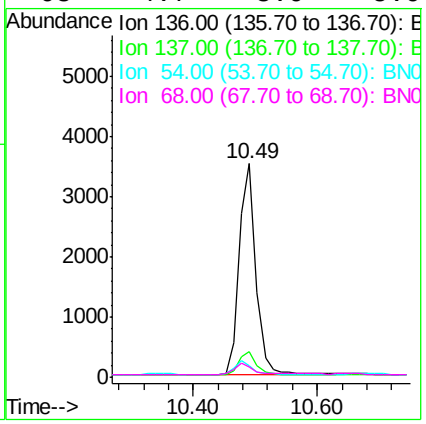


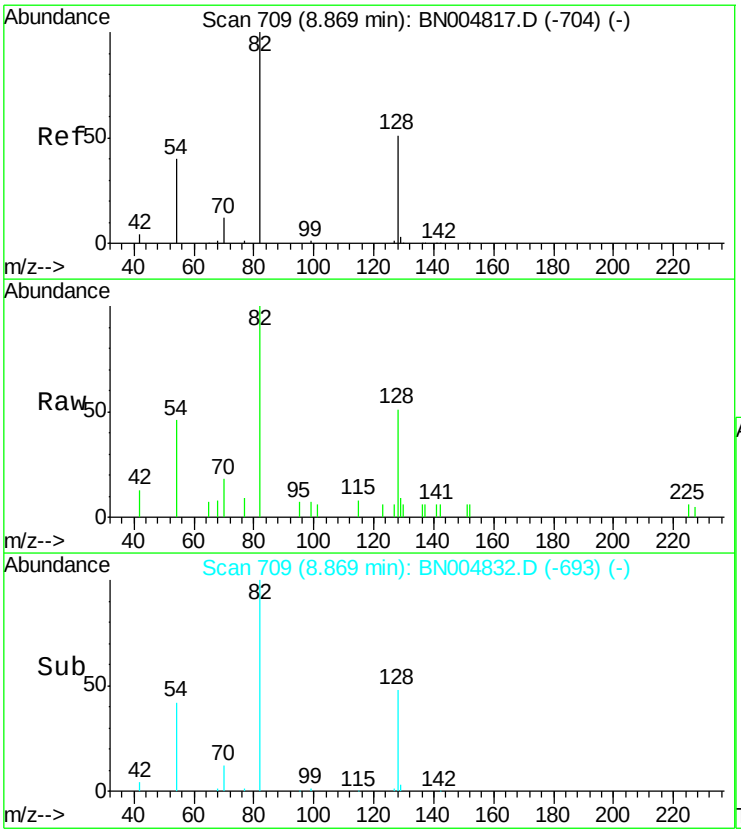
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:136 Resp: 6536

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	5.3	4.2	6.2
68	4.7	3.9	5.9

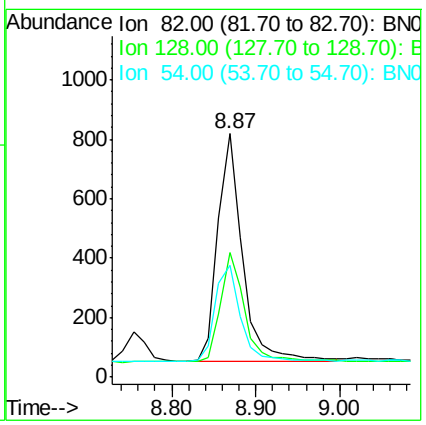


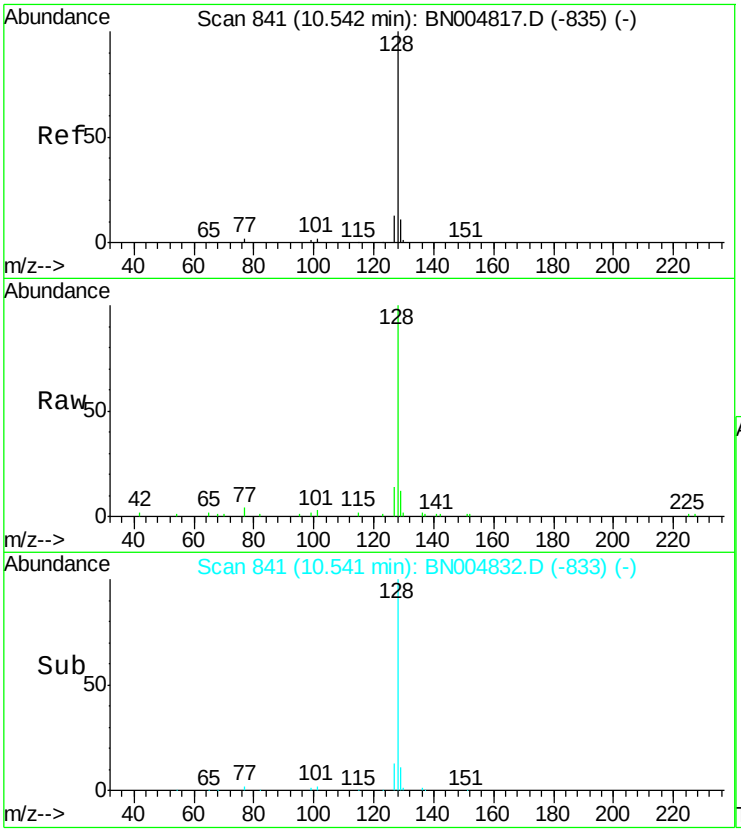


#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.87 min Scan# 709
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion: 82 Resp: 1575

Ion	Ratio	Lower	Upper
82	100		
128	50.9	43.0	64.6
54	45.8	35.3	52.9



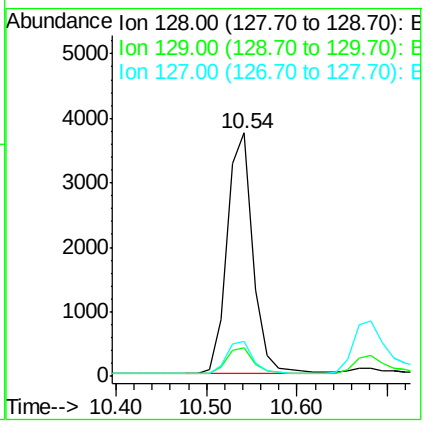


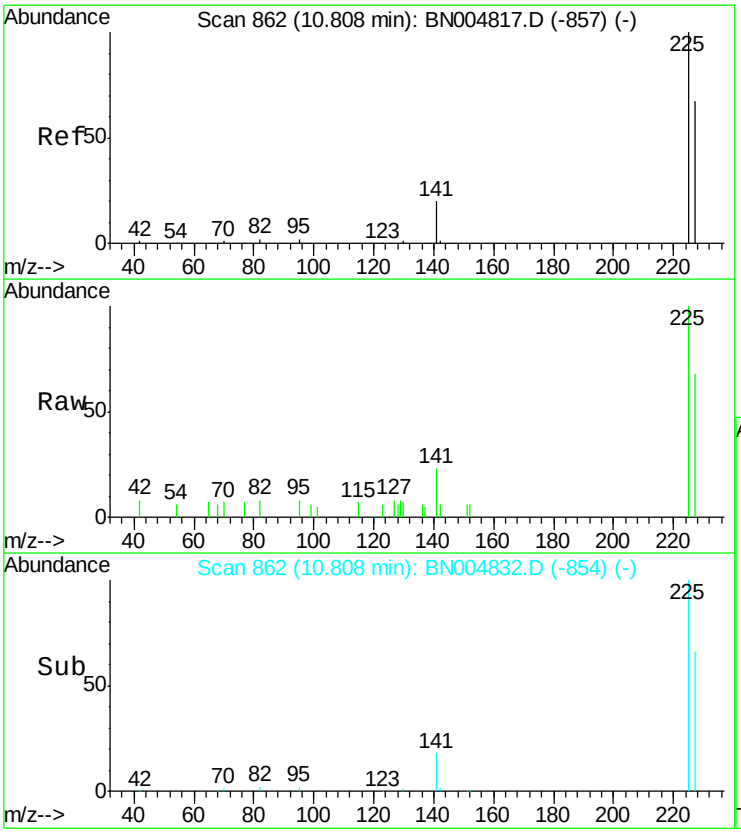
#9
Naphthalene
Concen: 0.400 ng
RT: 10.54 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:128 Resp: 7325

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.9	14.9
127	14.1	11.3	16.9

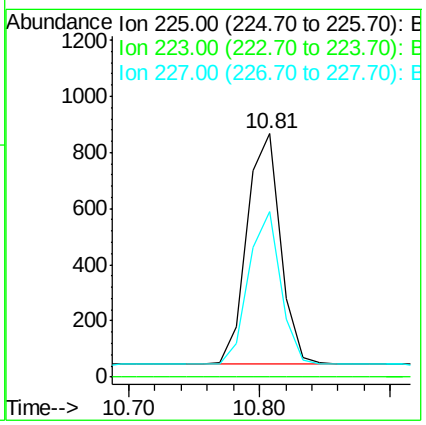


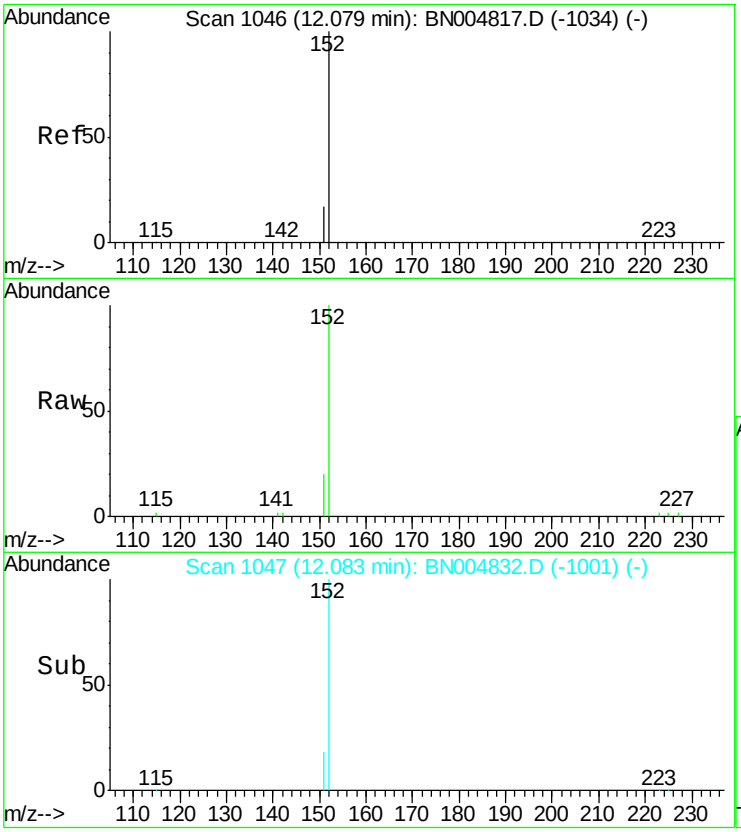


#10
Hexachlorobutadiene
Concen: 0.415 ng
RT: 10.81 min Scan# 862
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:225 Resp: 1451

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	52.2	78.4



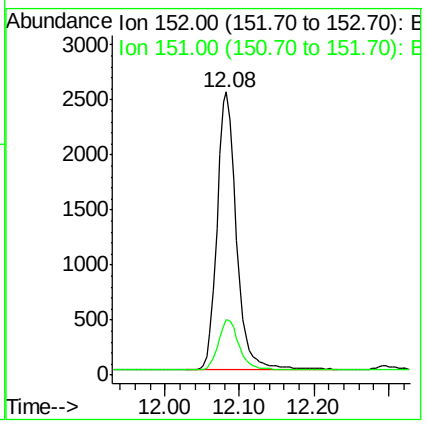


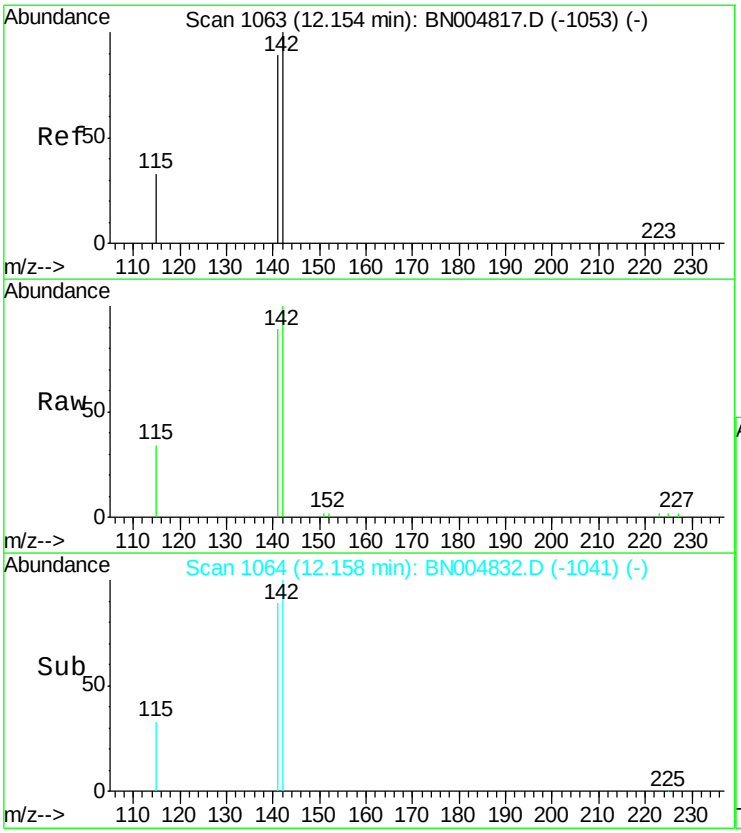
#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 12.08 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:152 Resp: 4552

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3

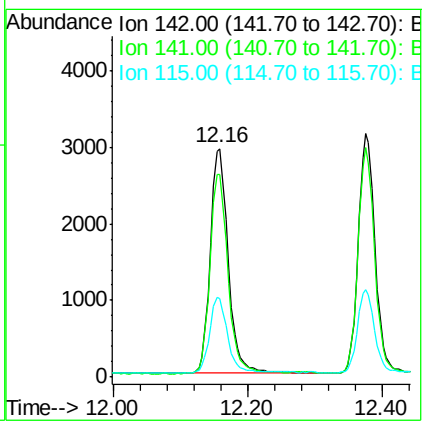


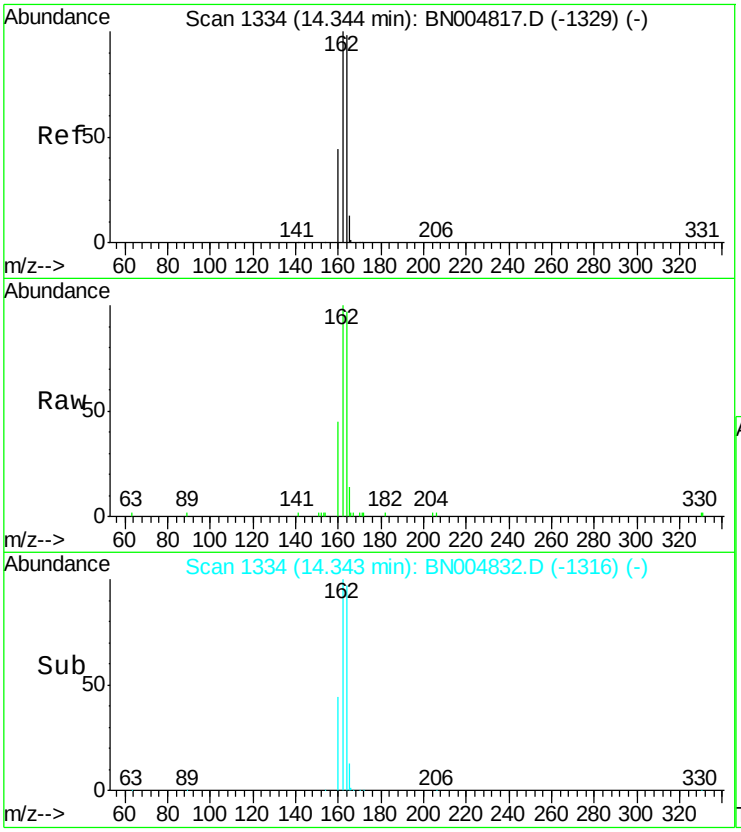


#12
2-Methylnaphthalene
Concen: 0.403 ng
RT: 12.16 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:142 Resp: 5487

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	34.2	27.5	41.3



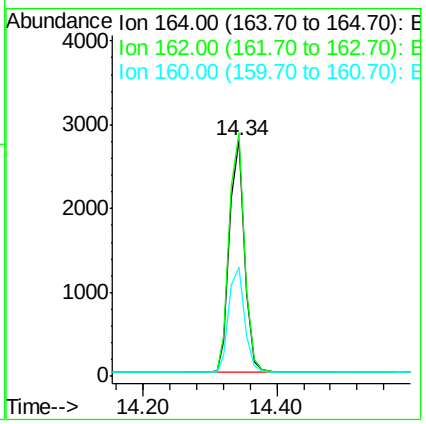


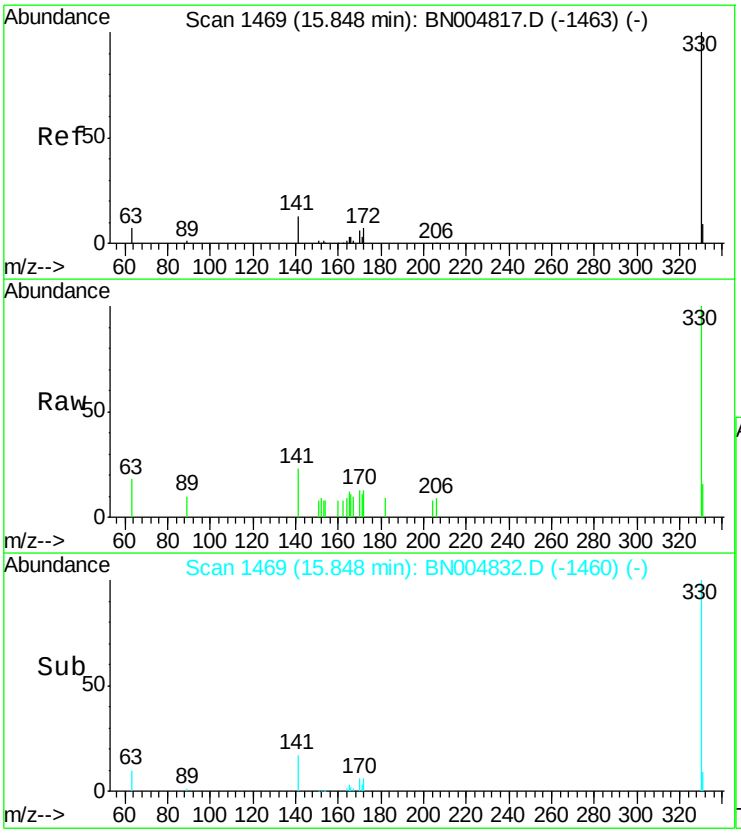
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:164 Resp: 4248

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.9	122.9
160	46.5	36.6	54.8

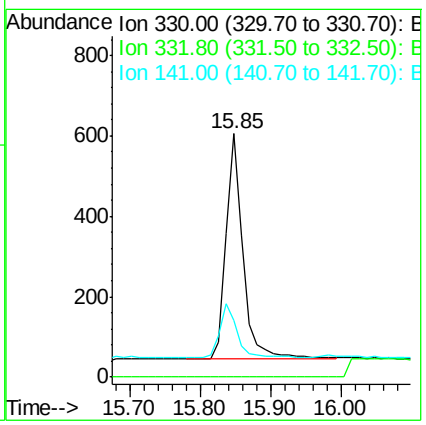


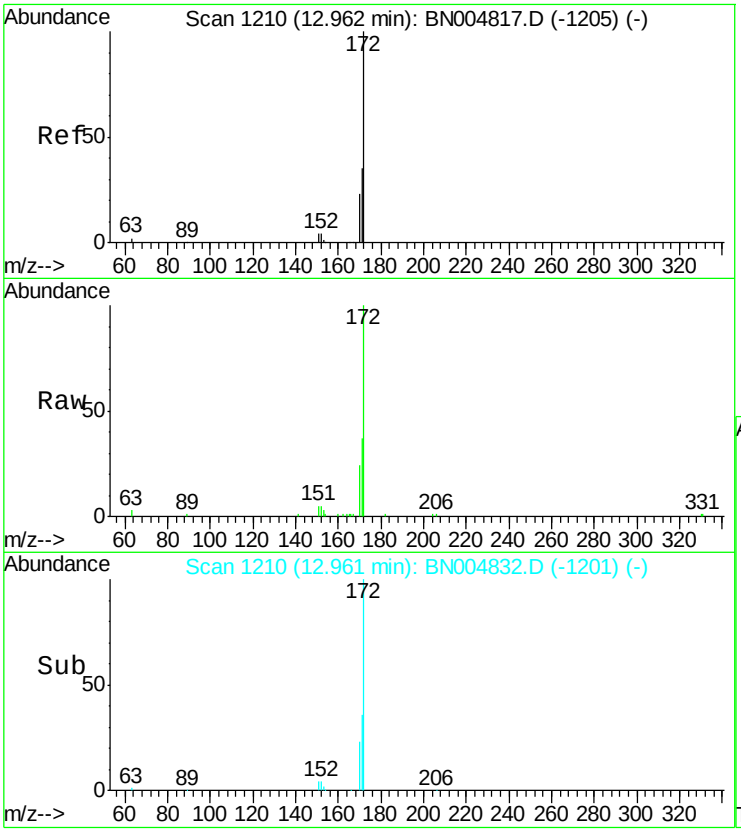


#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 15.85 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:330 Resp: 961

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	23.8	20.9	31.3



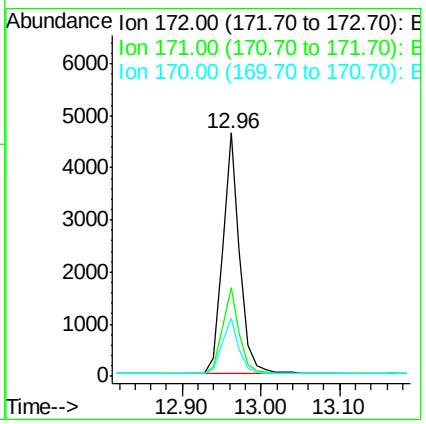


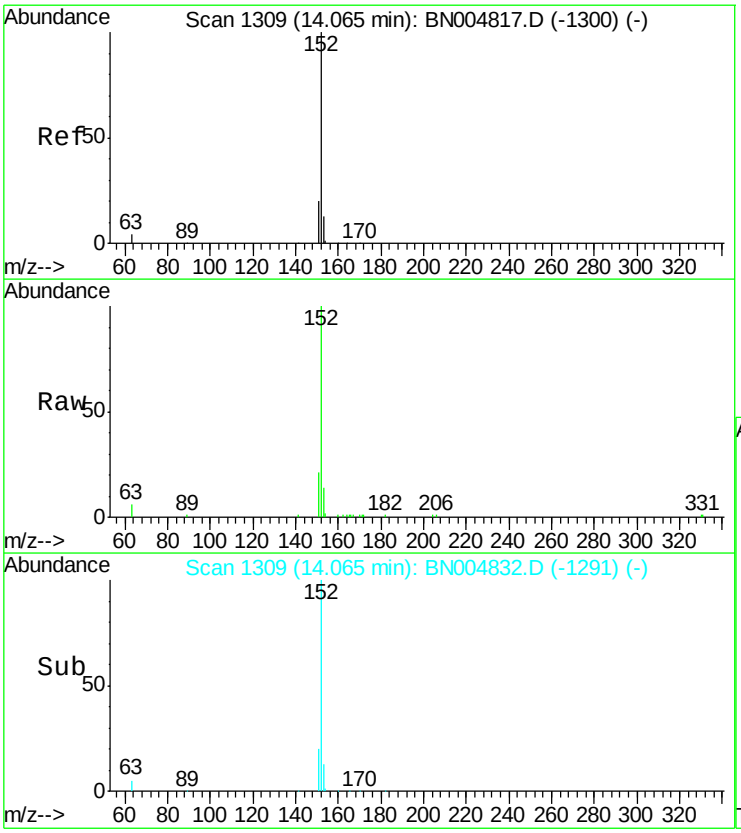
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:172 Resp: 7086

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.7	43.1
170	23.7	18.7	28.1

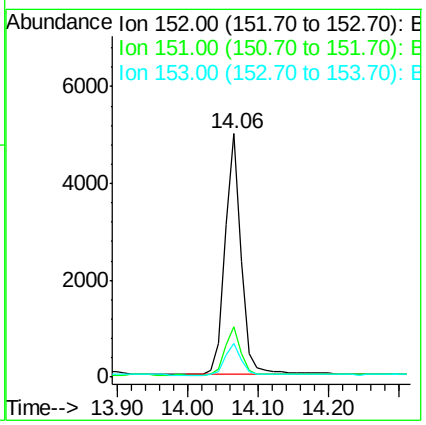


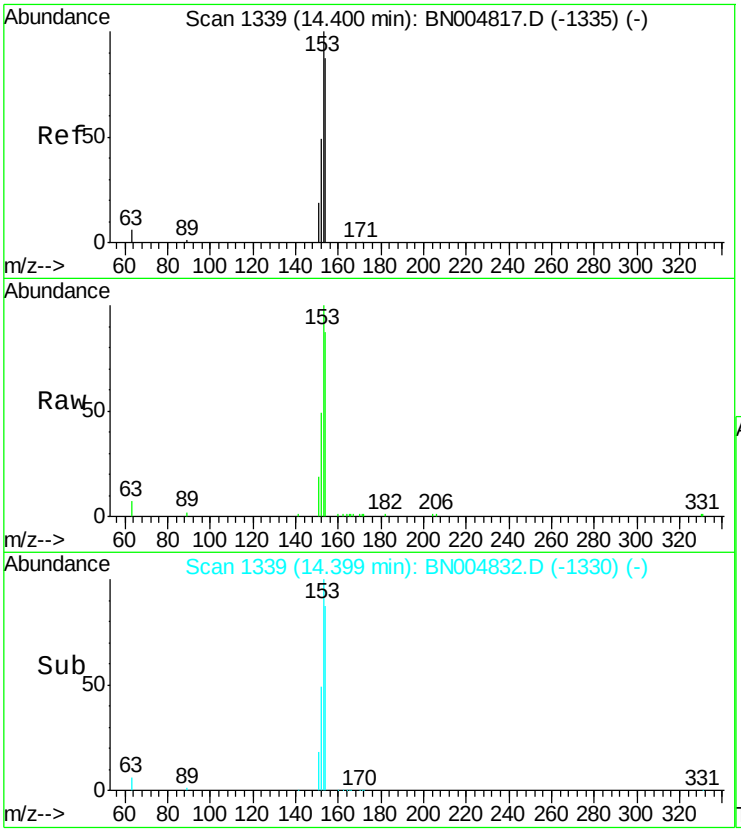


#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.06 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:152 Resp: 8056

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.1	10.5	15.7



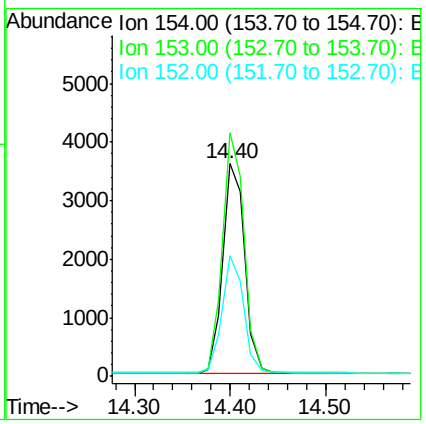


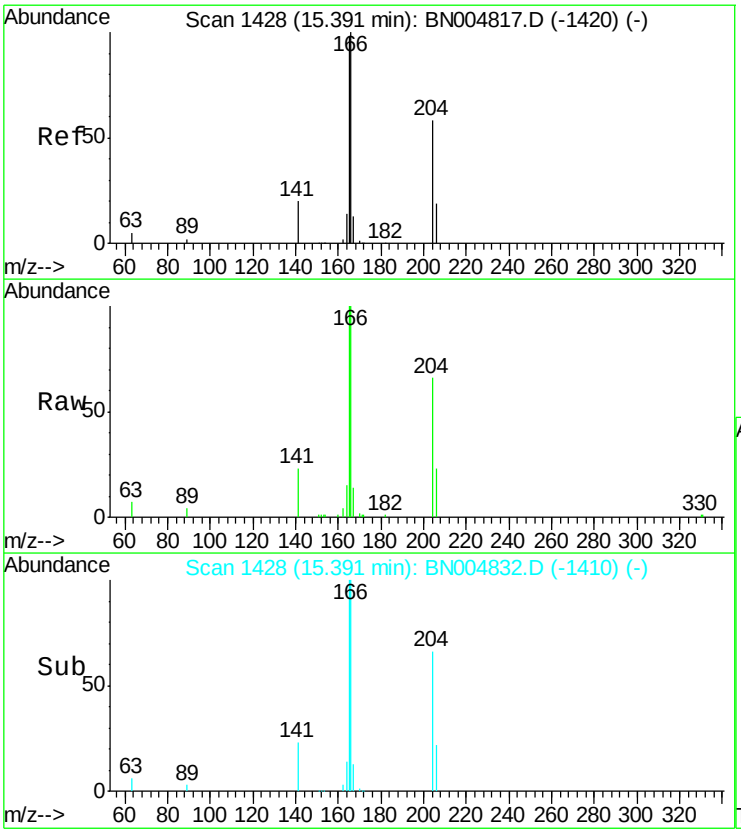
#17
Acenaphthene
Concen: 0.399 ng
RT: 14.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:154 Resp: 5724

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.4	137.2
152	54.9	44.2	66.2

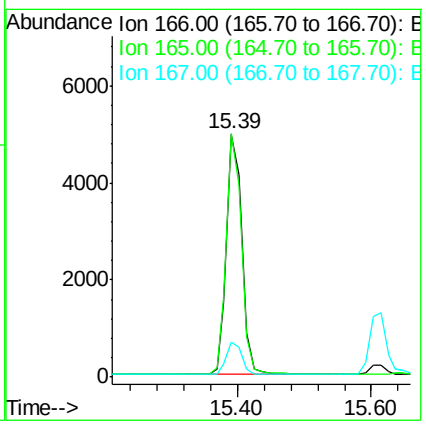


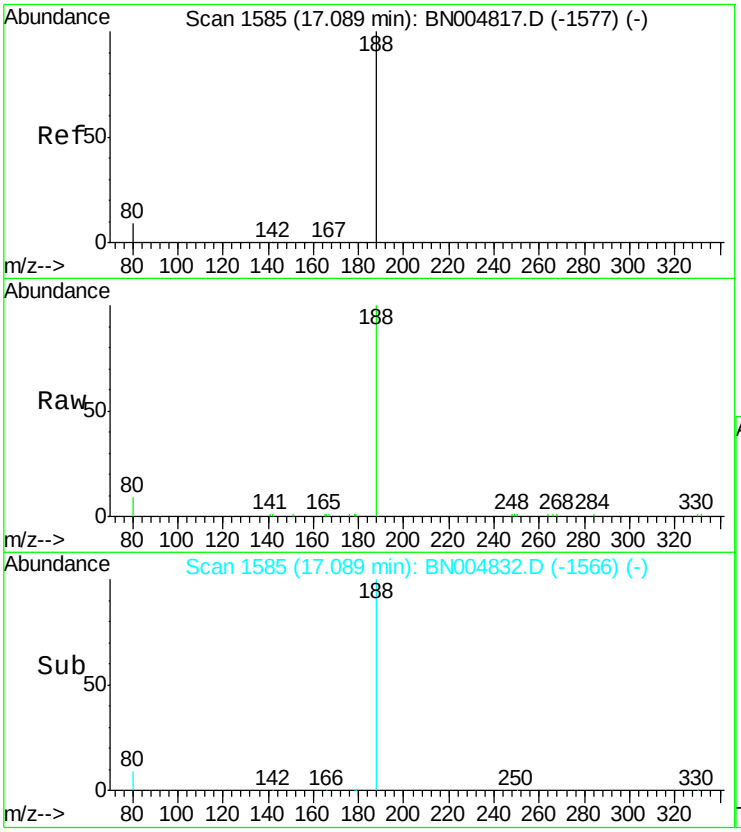


#18
Fluorene
Concen: 0.397 ng
RT: 15.39 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:166 Resp: 7932

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.2	117.4
167	13.5	11.0	16.4



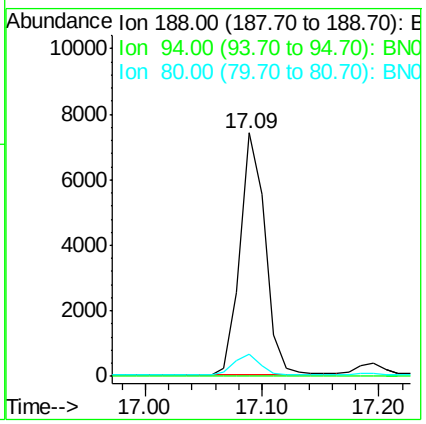


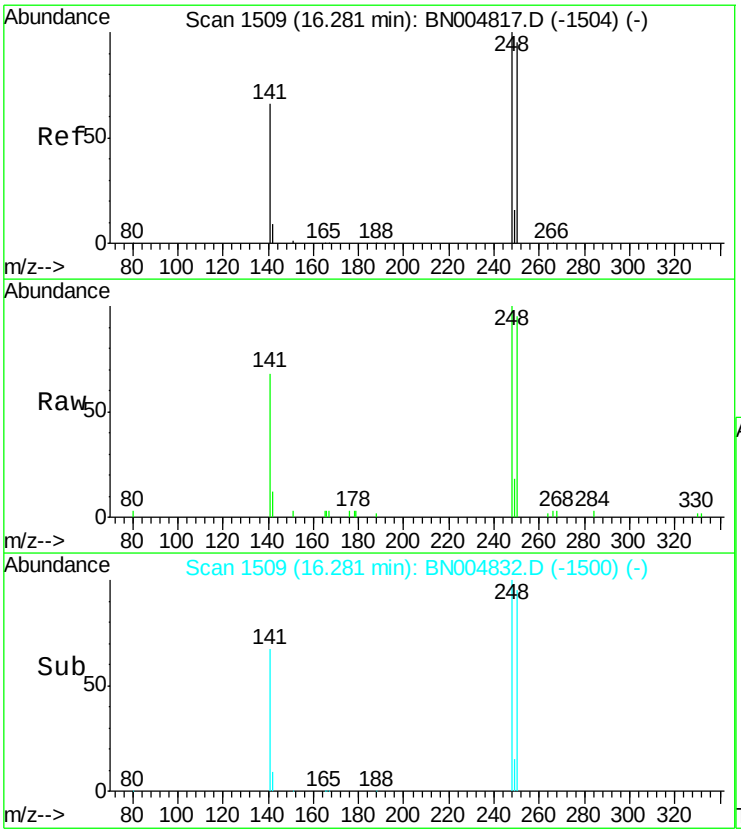
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:188 Resp: 11001

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	7.4	11.2

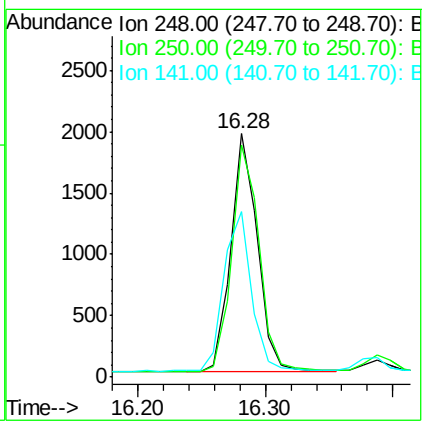


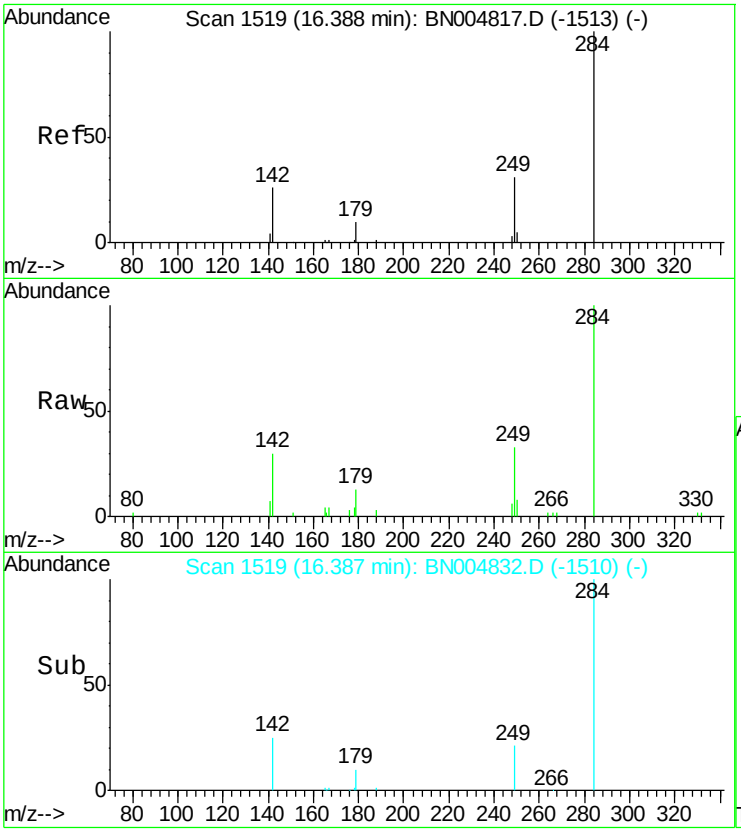


#20
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.28 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:248 Resp: 2813

Ion	Ratio	Lower	Upper
248	100		
250	95.4	76.2	114.4
141	68.2	53.9	80.9



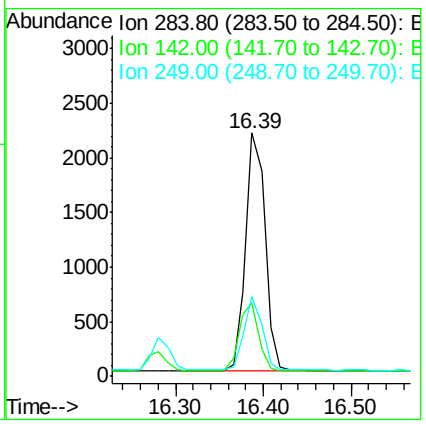


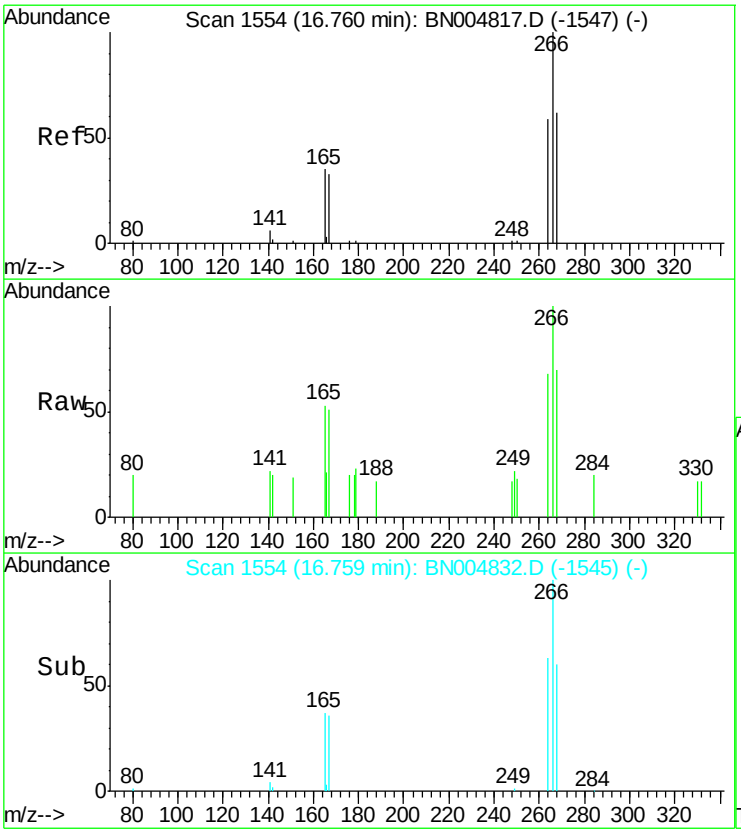
#21
Hexachlorobenzene
Concen: 0.408 ng
RT: 16.39 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:284 Resp: 3356

Ion	Ratio	Lower	Upper
284	100		
142	28.3	22.6	34.0
249	29.0	22.5	33.7

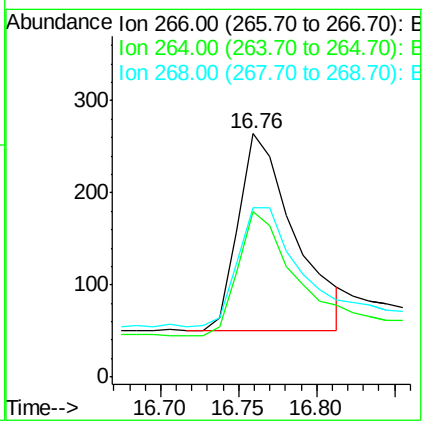


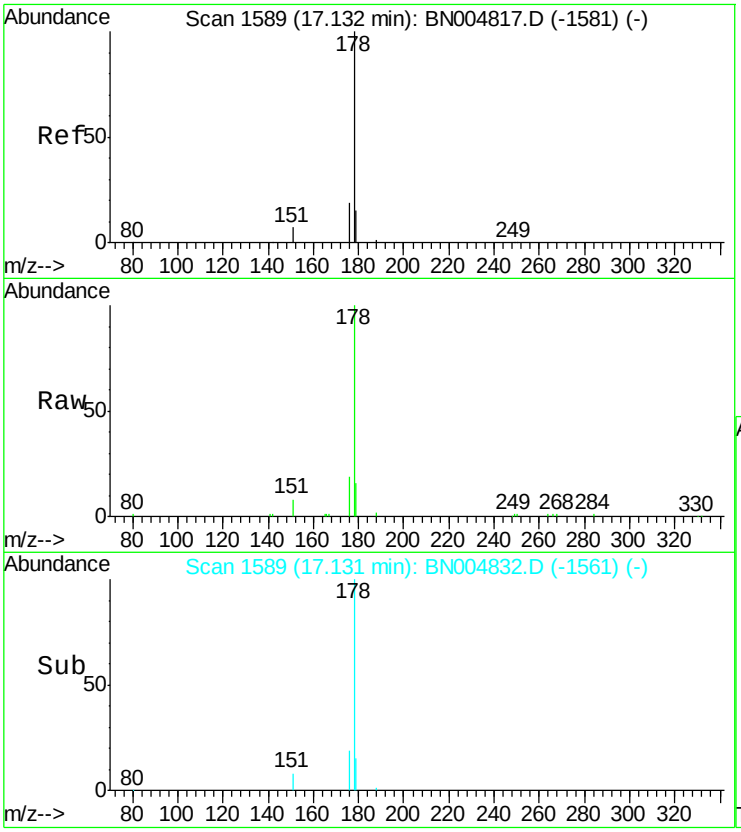


#22
Pentachlorophenol
Concen: 0.334 ng
RT: 16.76 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:266 Resp: 538

Ion	Ratio	Lower	Upper
266	100		
264	68.2	53.1	79.7
268	69.7	57.7	86.5



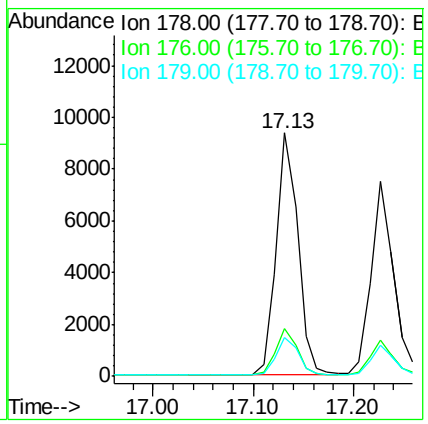


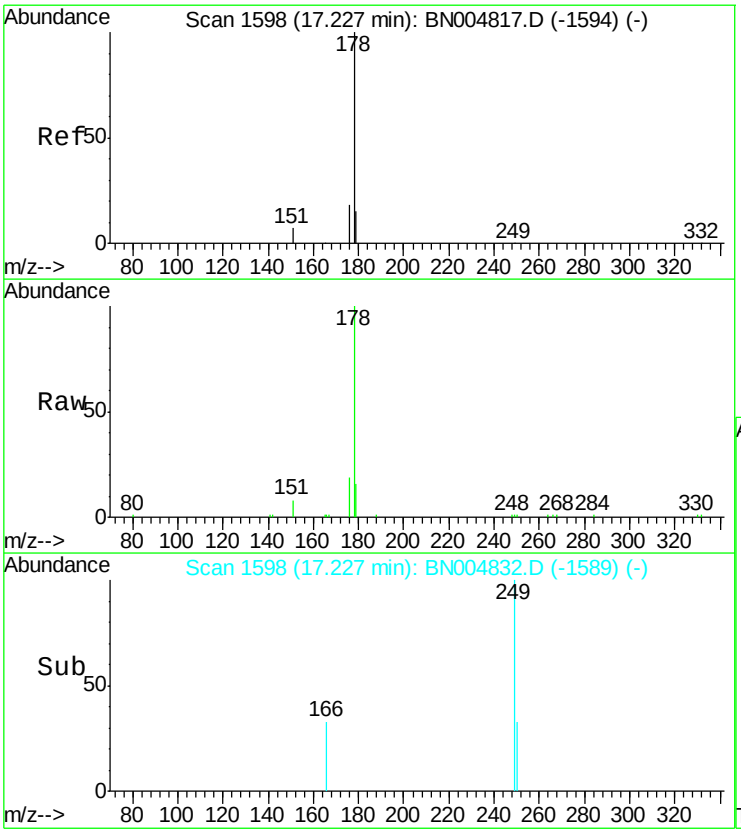
#23
Phenanthrene
Concen: 0.396 ng
RT: 17.13 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:178 Resp: 14050

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.7	12.1	18.1

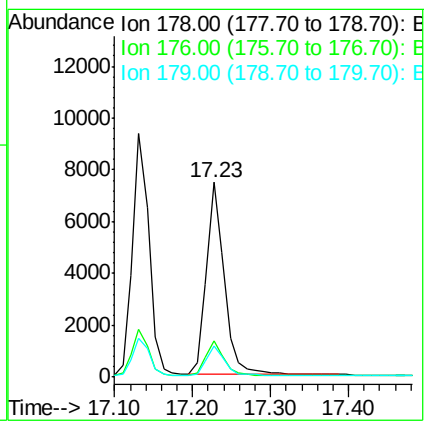


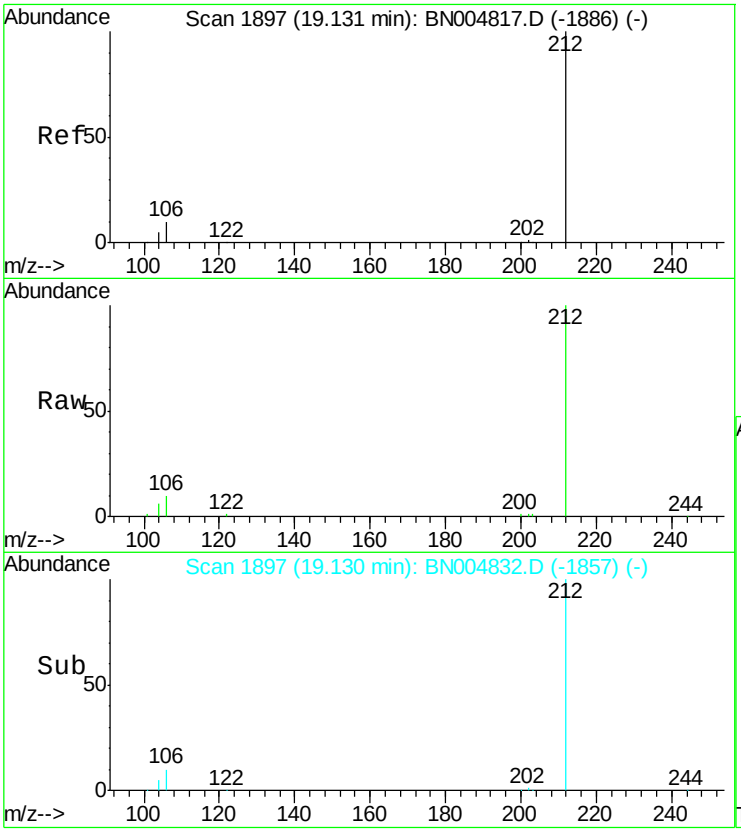


#24
Anthracene
Concen: 0.376 ng
RT: 17.23 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:178 Resp: 11923

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.3	12.2	18.4



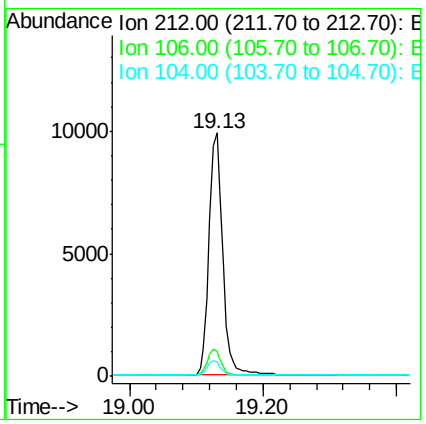


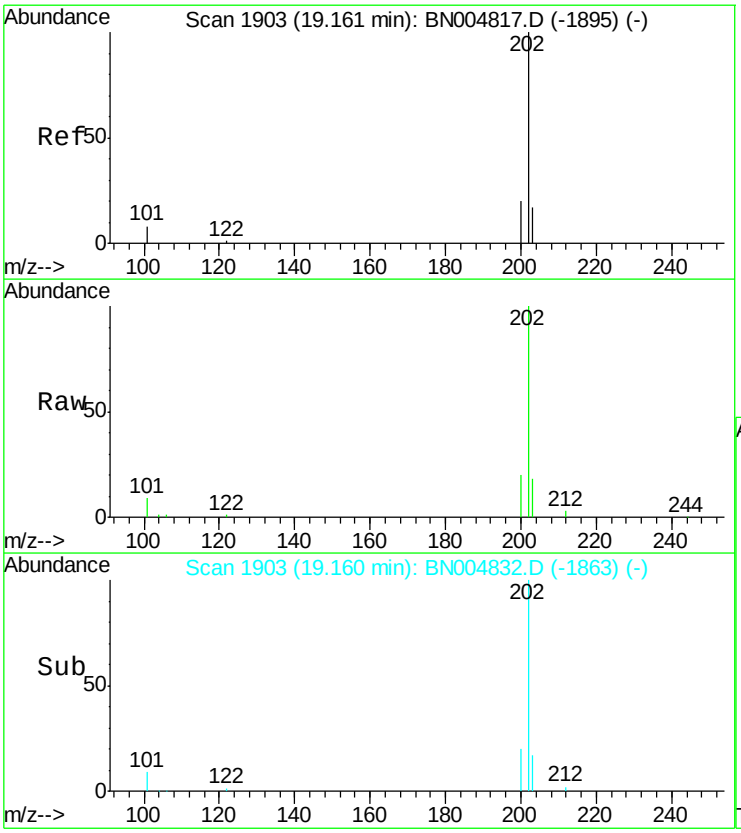
#25
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.13 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:212 Resp: 14142

Ion	Ratio	Lower	Upper
212	100		
106	10.5	8.6	13.0
104	5.9	4.7	7.1

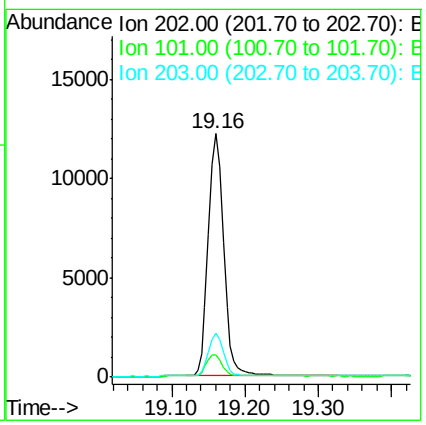


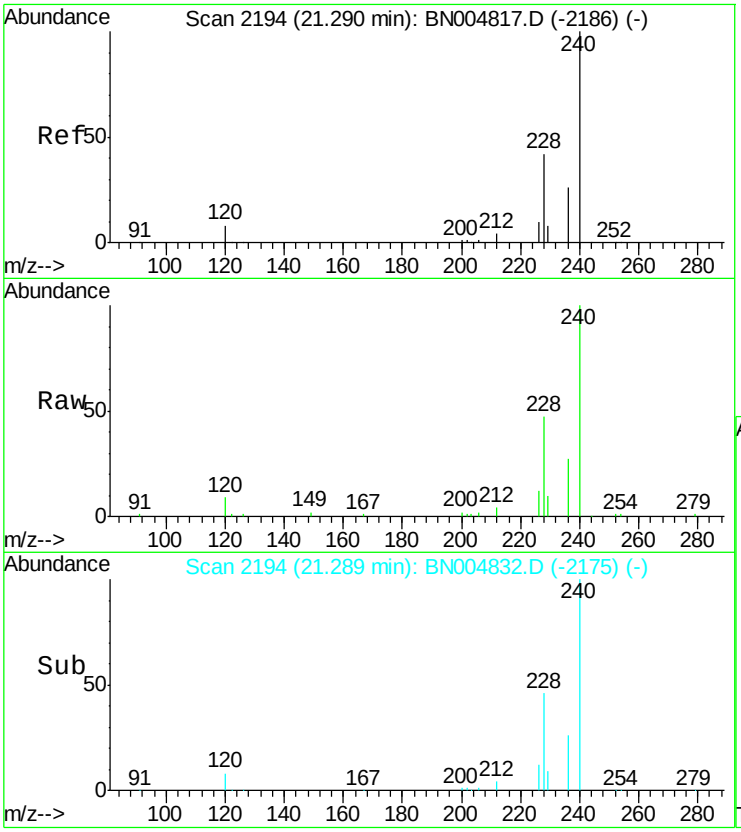


#26
Fluoranthene
Concen: 0.390 ng
RT: 19.16 min Scan# 1903
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:202 Resp: 17820

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.5	11.3
203	17.4	13.8	20.6



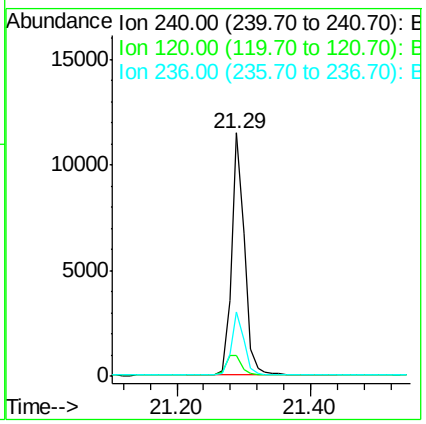


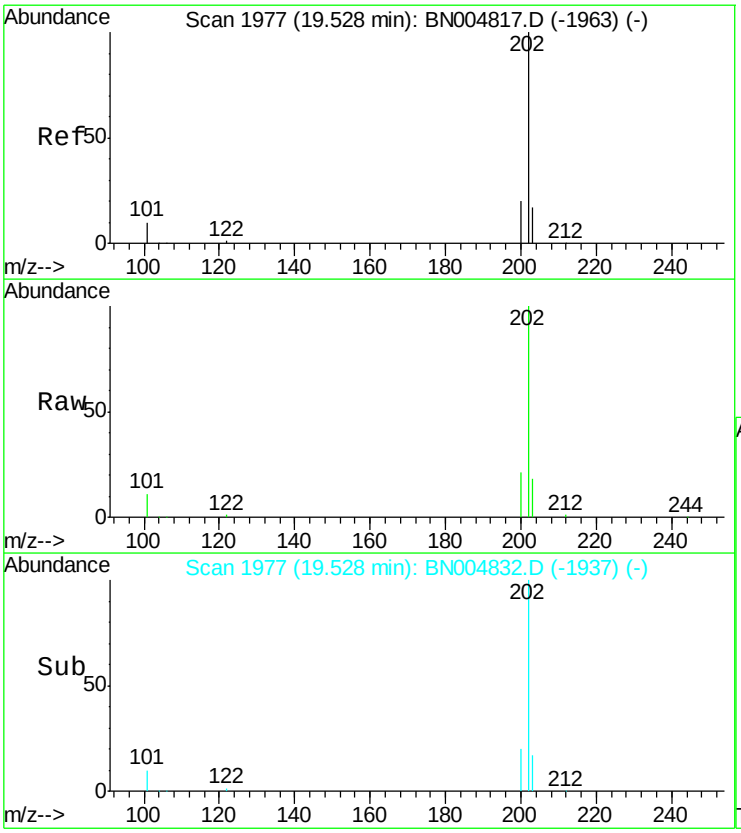
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:240 Resp: 15323

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.2	10.8
236	26.5	20.9	31.3

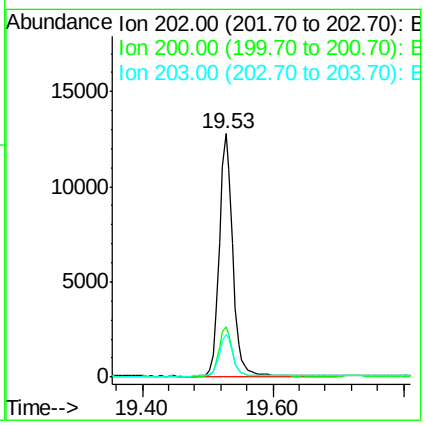


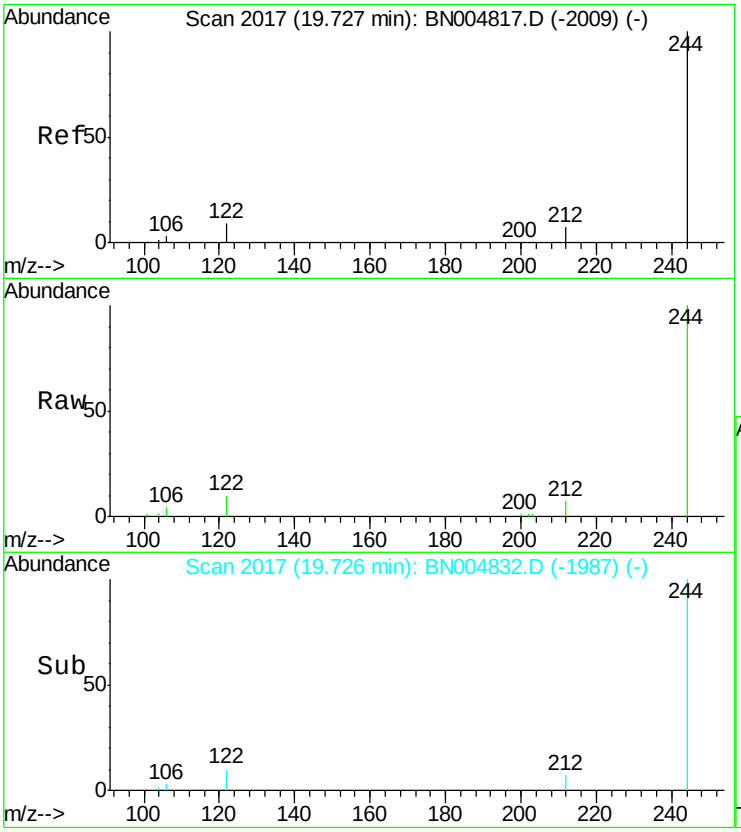


#28
Pyrene
Concen: 0.393 ng
RT: 19.53 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:202 Resp: 18362

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.9	14.0	21.0



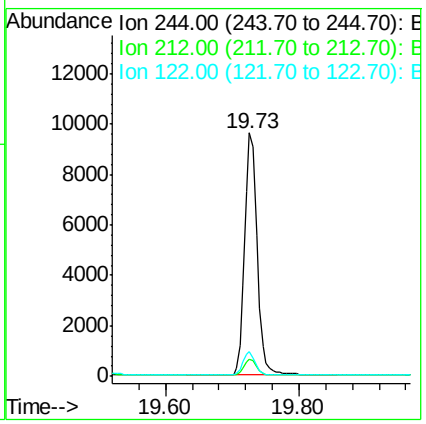


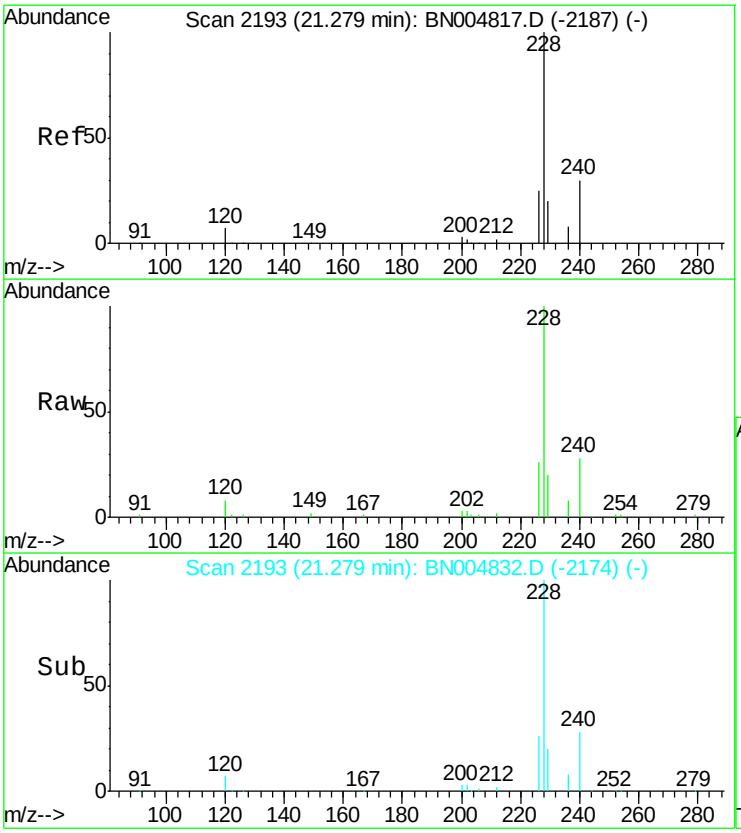
#29
Terphenyl-d14
Concen: 0.401 ng
RT: 19.73 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:244 Resp: 12578

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	10.1	7.9	11.9

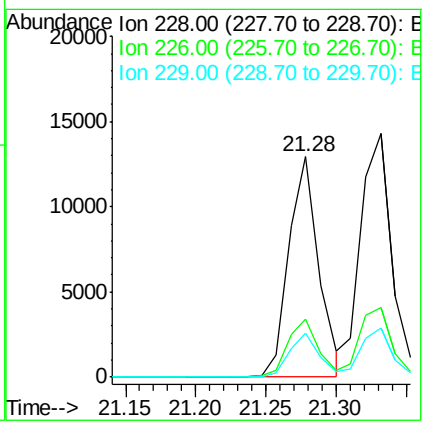


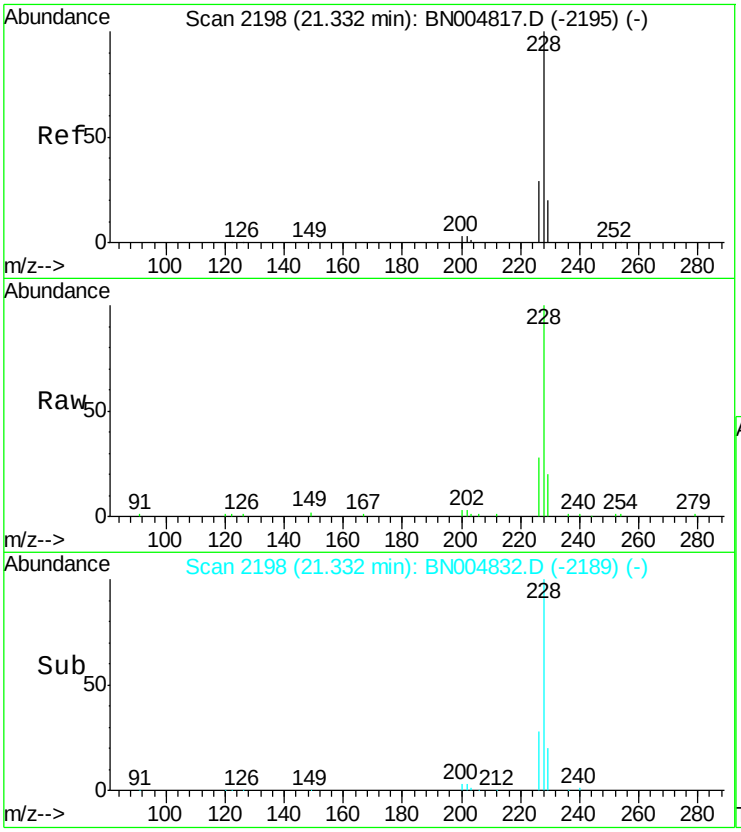


#30
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:228 Resp: 18998

Ion	Ratio	Lower	Upper
228	100		
226	26.3	20.6	31.0
229	20.1	16.2	24.4



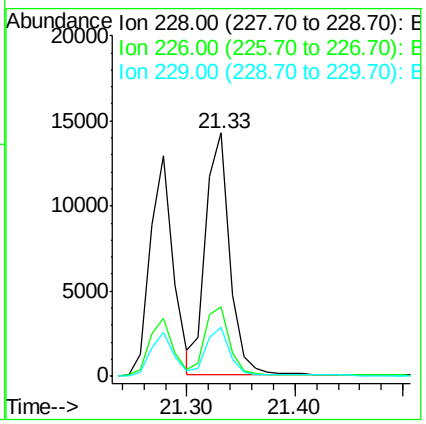


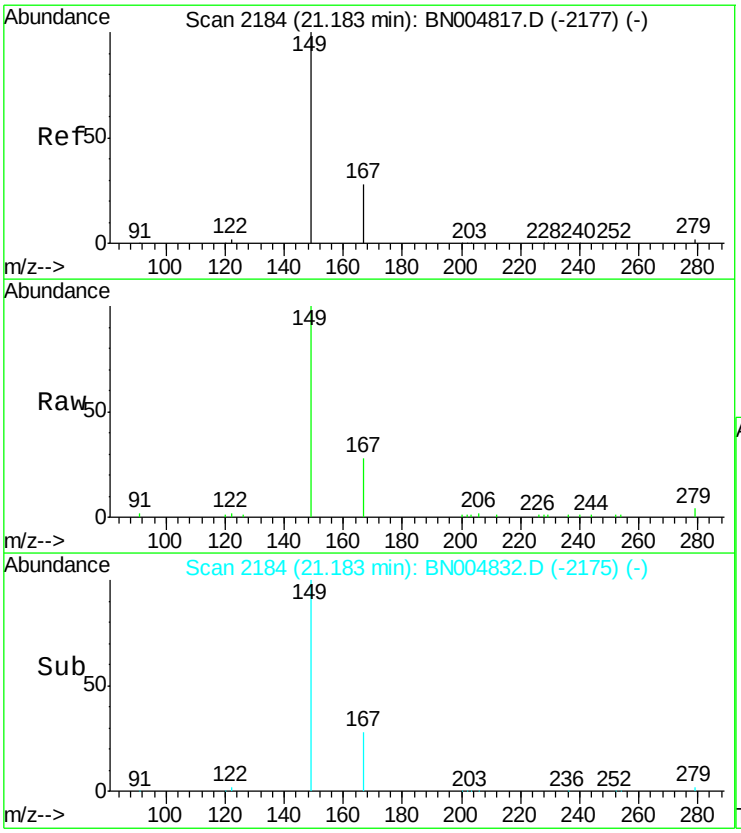
#31
Chrysene
Concen: 0.415 ng
RT: 21.33 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:228 Resp: 21946

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.6
229	19.9	16.2	24.2

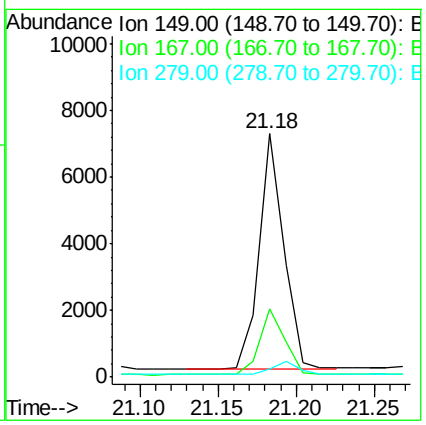


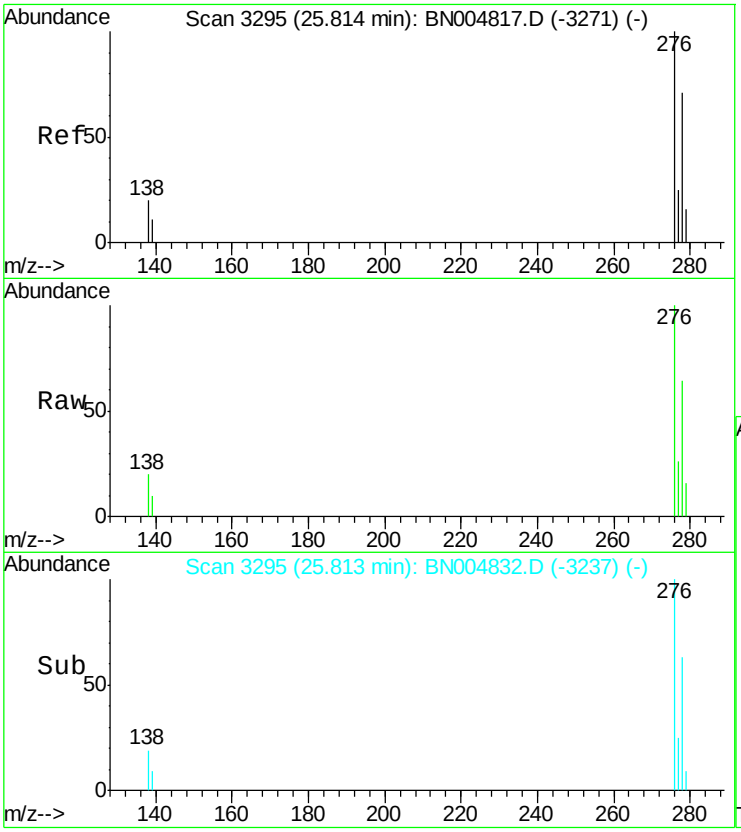


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.384 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:149 Resp: 7711

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.0	34.4
279	5.8	4.6	6.8



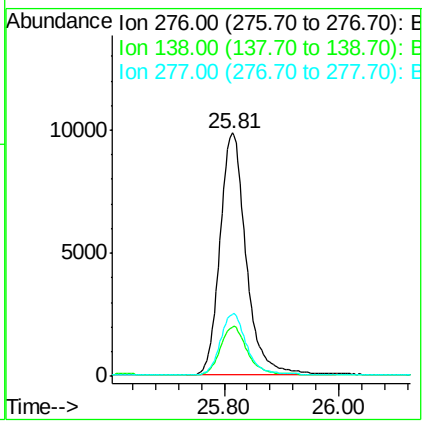


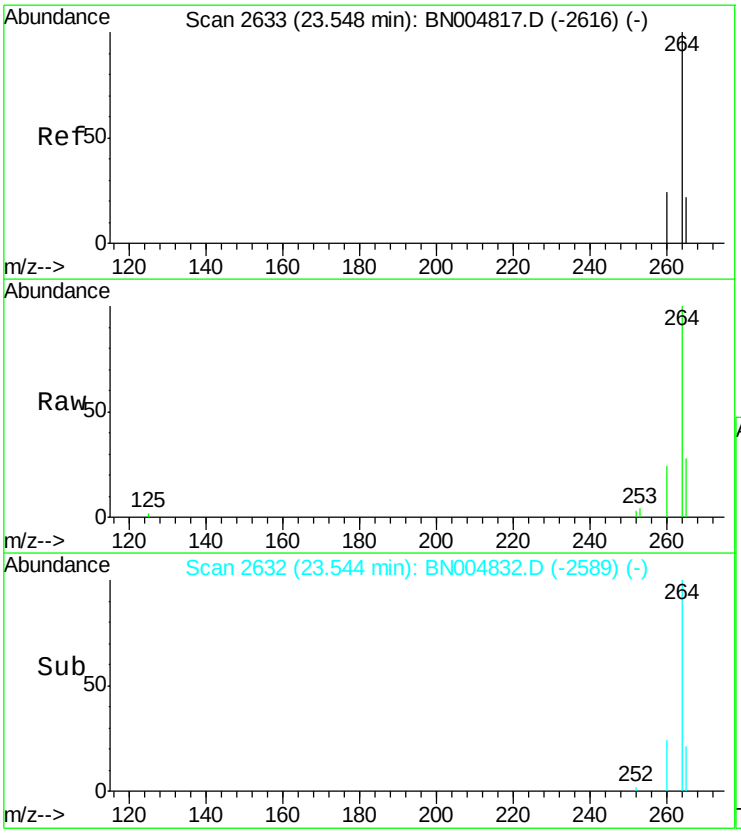
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng
RT: 25.81 min Scan# 3295
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:276 Resp: 31235

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.6	24.8
277	25.6	20.3	30.5

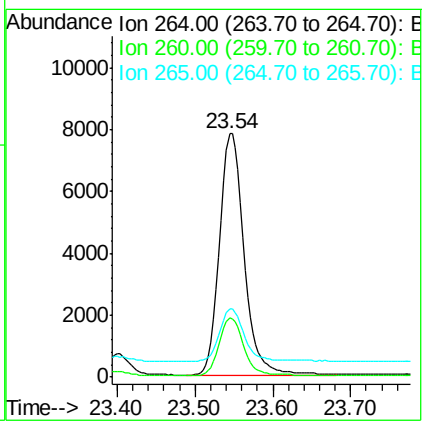


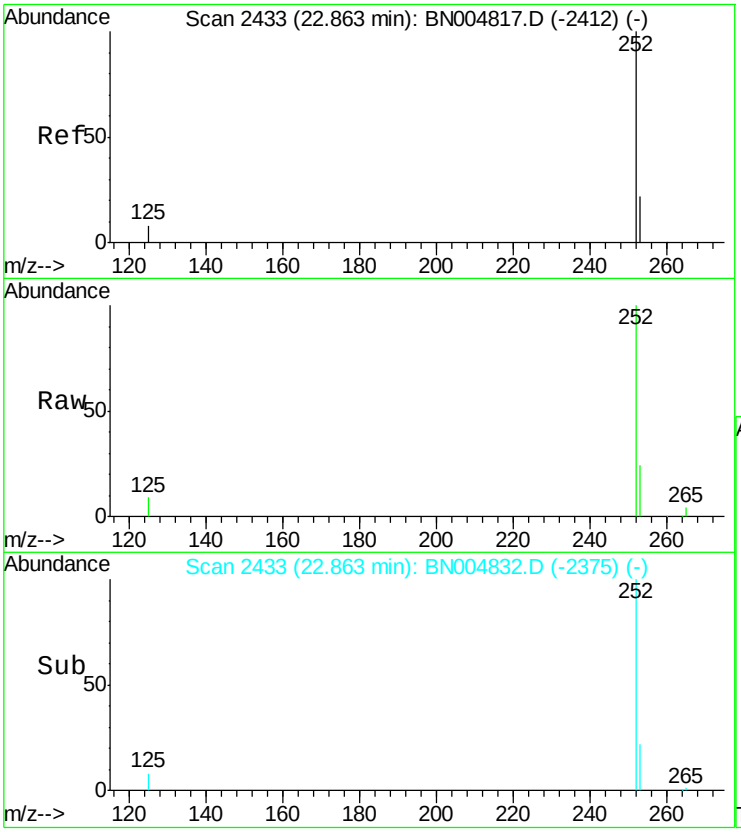


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2632
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:264 Resp: 17097

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	27.8	23.1	34.7



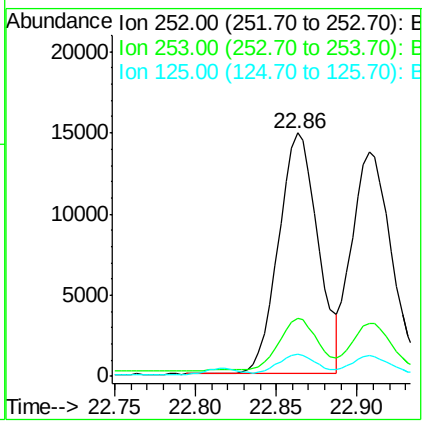


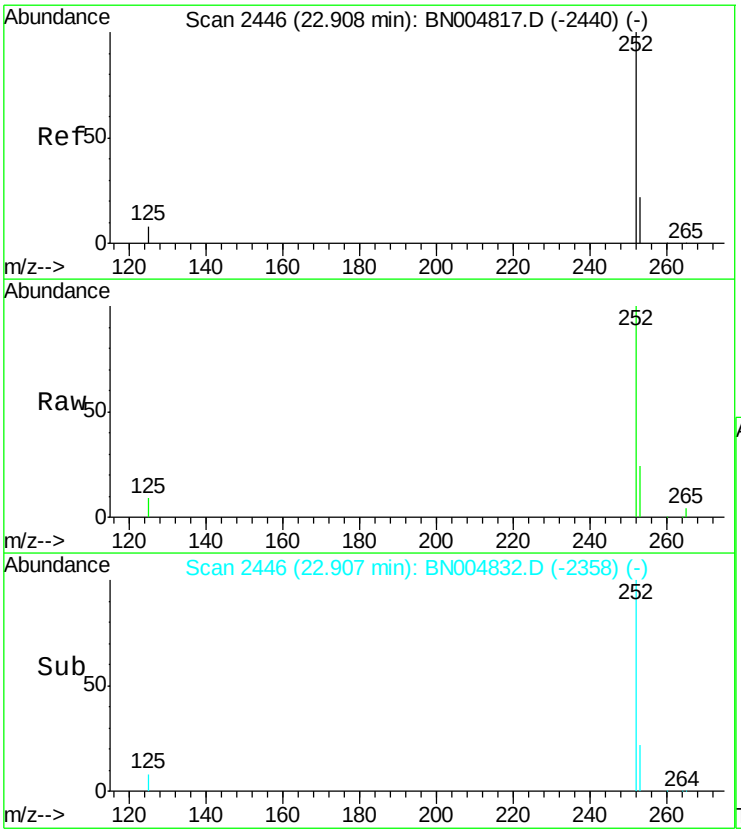
#35
Benzo(b)fluoranthene
Concen: 0.409 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:252 Resp: 25291

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.4
125	9.0	7.4	11.2

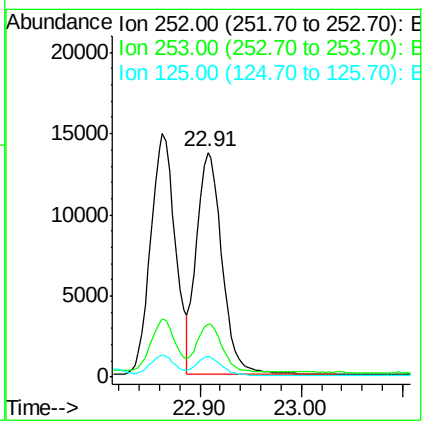


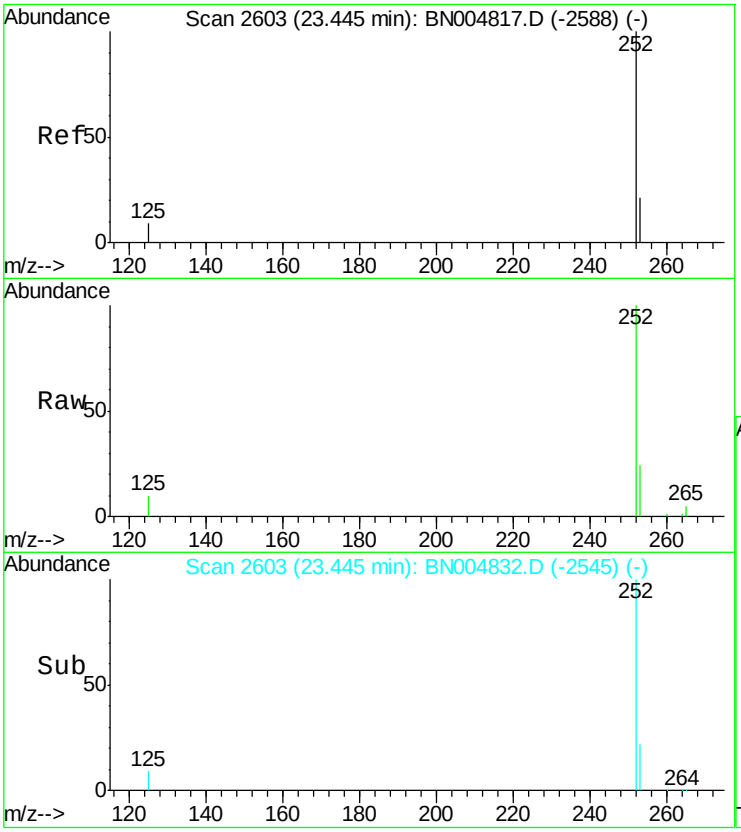


#36
Benzo(k)fluoranthene
Concen: 0.393 ng
RT: 22.91 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:252 Resp: 23940

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.3	28.9
125	9.0	7.4	11.0



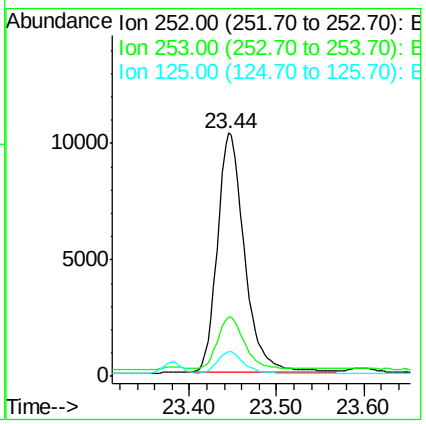


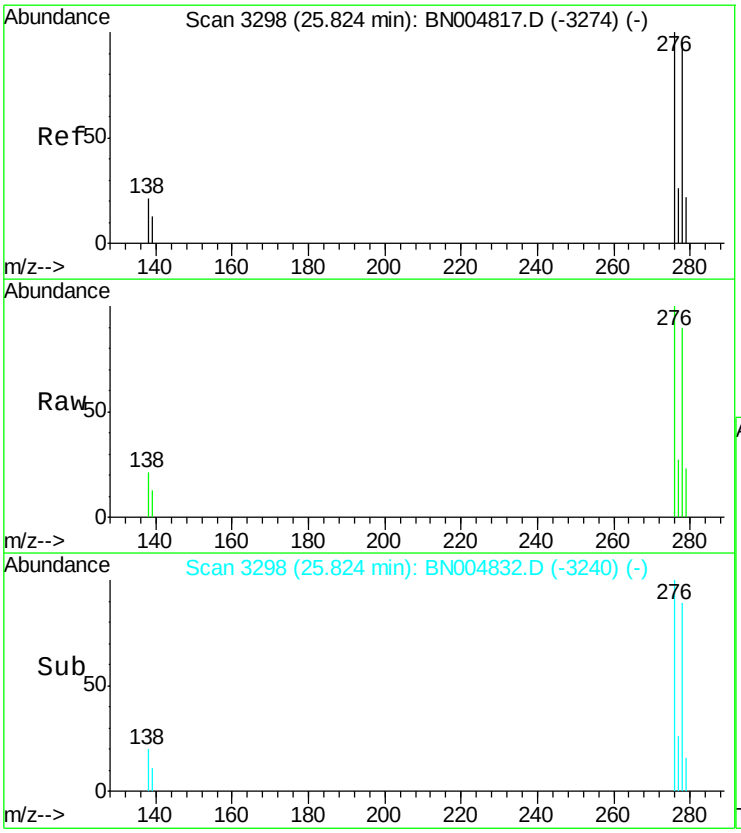
#37
Benzo(a)pyrene
Concen: 0.393 ng
RT: 23.44 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:252 Resp: 22306

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.7	29.5
125	10.3	8.3	12.5

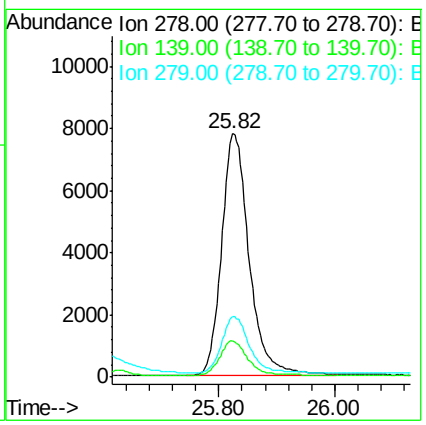


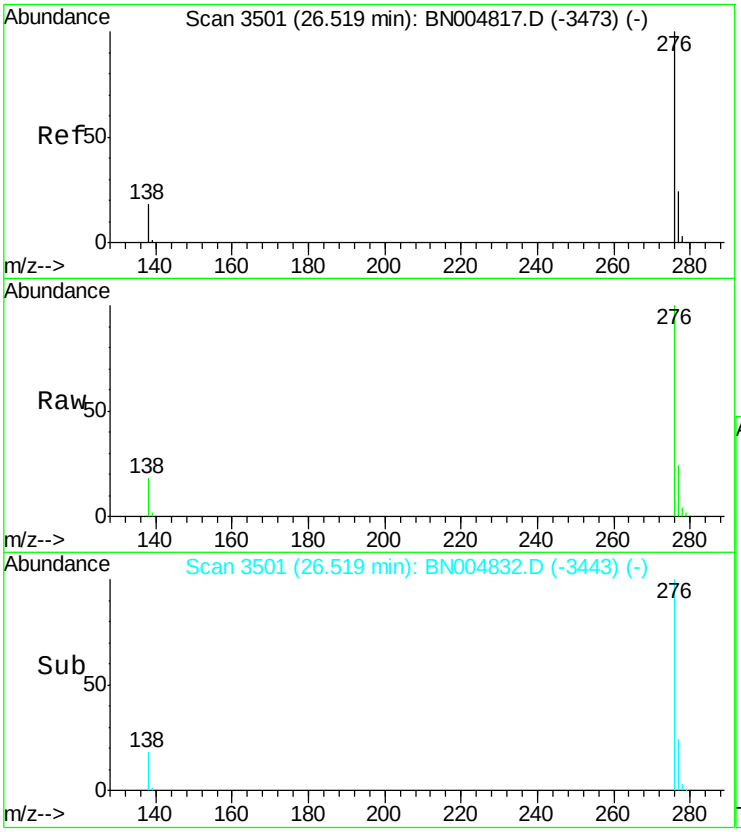


#38
Dibenzo(a,h)anthracene
Concen: 0.391 ng
RT: 25.82 min Scan# 3298
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion:278 Resp: 25686

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.7	17.5
279	25.1	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.387 ng
RT: 26.52 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tgt Ion:276 Resp: 25883

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.7	29.5
138	18.4	14.6	22.0