Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
Data File : BN004831.D
Acq On : 20 Mar 2019 22:17
Operator : JU/SJ
Sample : PB118052BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB118052BL

Quant Time: Mar 21 08:48:38 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	7.71	152	1288	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	5136	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	3070	0.40	ng		0.00
19) Phenanthrene-d10	17.10	188	8863	0.40	ng		0.01
27) Chrysene-d12	21.30	240	12759	0.40	ng		0.01
34) Perylene-d12	23.55	264	14930	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	1104	0.32	ng		0.00
5) Phenol-d6	6.89	99	1299	0.30	ng		0.00
8) Nitrobenzene-d5	8.88	82	853	0.25	ng		0.01
11) 2-Methylnaphthalene-d10	12.09	152	2441	0.27	ng		0.01
14) 2,4,6-Tribromophenol	15.86	330	506	0.24	ng		0.01
15) 2-Fluorobiphenyl	12.97	172	3848	0.30	ng		0.01
25) Fluoranthene-d10	19.14	212	9127	0.31	ng		0.00
29) Terphenyl-d14	19.73	244	7664	0.29	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.57	42	13	0.015	ng	#	33
6) bis(2-Chloroethyl)ether	7.19	93	3	0.001	ng	#	1
9) Naphthalene	10.53	128	20	0.001	ng	#	1
10) Hexachlorobutadiene	10.77	225	4	0.001	ng	#	17
12) 2-Methylnaphthalene	12.15	142	2	0.000	ng	#	51
16) Acenaphthylene	14.07	152	3	0.000	ng	#	54
17) Acenaphthene	14.40	154	3	0.000	ng	#	45
18) Fluorene	15.41	166	4	0.000	ng	#	1
21) Hexachlorobenzene	16.41	284	4	0.001	ng	#	47
22) Pentachlorophenol	16.74	266	4	0.003	ng	#	66
23) Phenanthrene	17.14	178	27	0.001	ng	#	45
24) Anthracene	17.26	178	12	0.000	ng	#	1
26) Fluoranthene	19.17	202	2	0.000	ng	#	1
28) Pyrene	19.55	202	10	0.000	ng	#	58
30) Benzo(a)anthracene	21.30	228	84	0.002	ng	#	1
31) Chrysene	21.30	228	60	0.001	ng	#	1
32) Bis(2-ethylhexyl)phthalate	21.18	149	515	0.031	ng		99
33) Indeno(1,2,3-cd)pyrene	25.89	276	180	0.003	ng	#	65
35) Benzo(b)fluoranthene	22.88	252	65	0.001	ng	#	1
36) Benzo(k)fluoranthene	22.94	252	68	0.001	ng	#	1
37) Benzo(a)pyrene	23.48	252	48	0.001	ng	#	1
38) Dibenzo(a,h)anthracene	25.89	278	165	0.003	ng	#	1
39) Benzo(g,h,i)perylene	26.58	276	179	0.003	ng	#	1

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

Quantitation Report (Not Reviewed)

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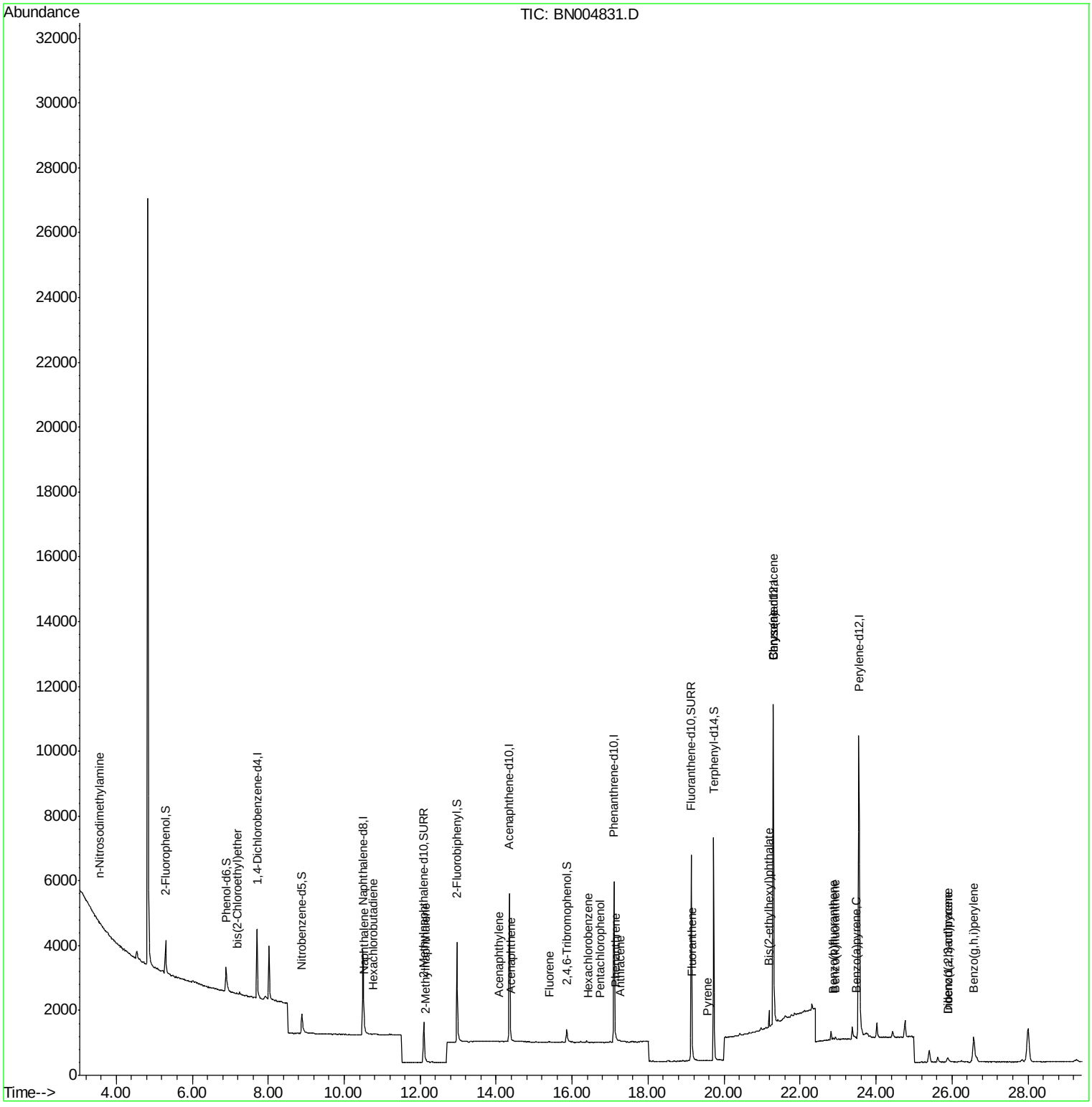
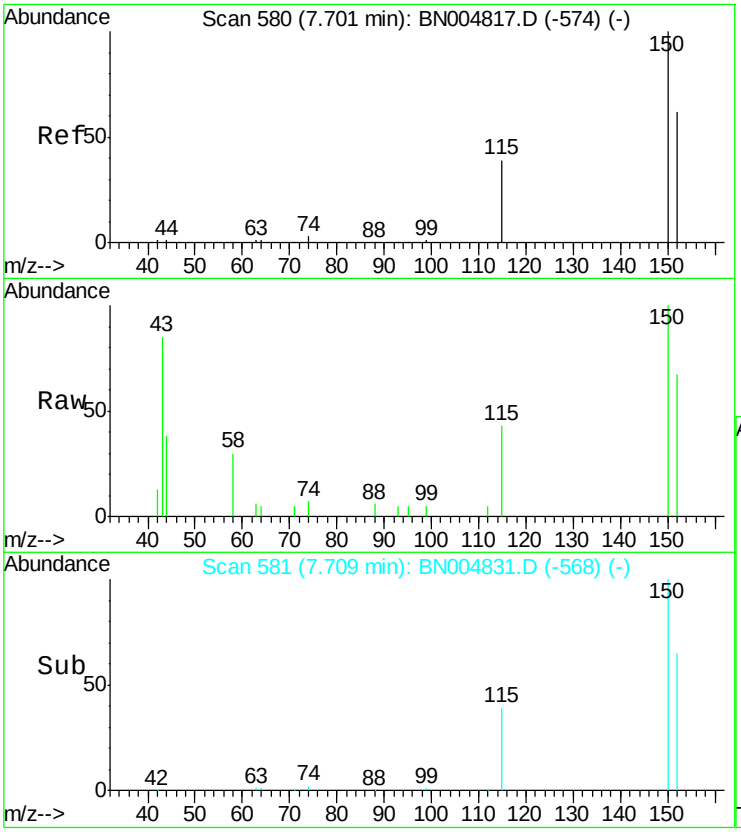
Acq On : 20 Mar 2019 22:17
Operator : JU/SJ
Sample : PB118052BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Quant Time: Mar 21 08:48:38 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



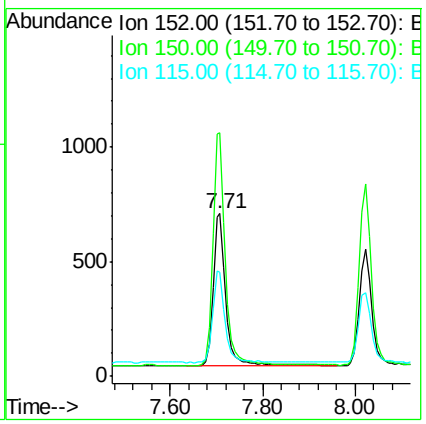


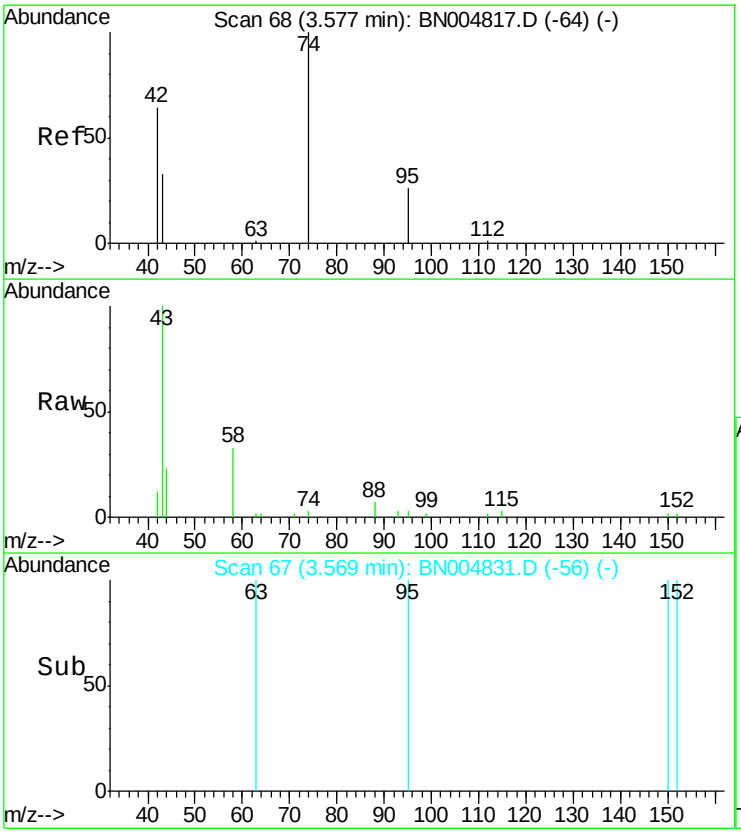
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 581
Delta R.T. 0.01 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:152 Resp: 1288

Ion	Ratio	Lower	Upper
152	100		
150	149.8	126.2	189.4
115	64.2	52.6	79.0

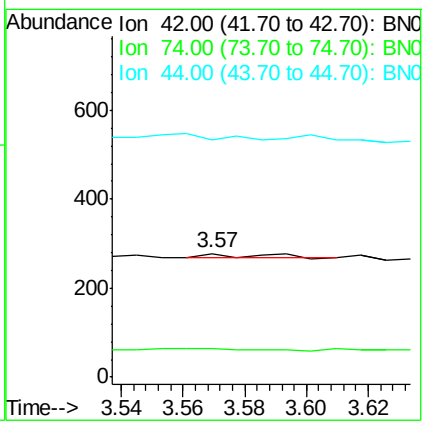


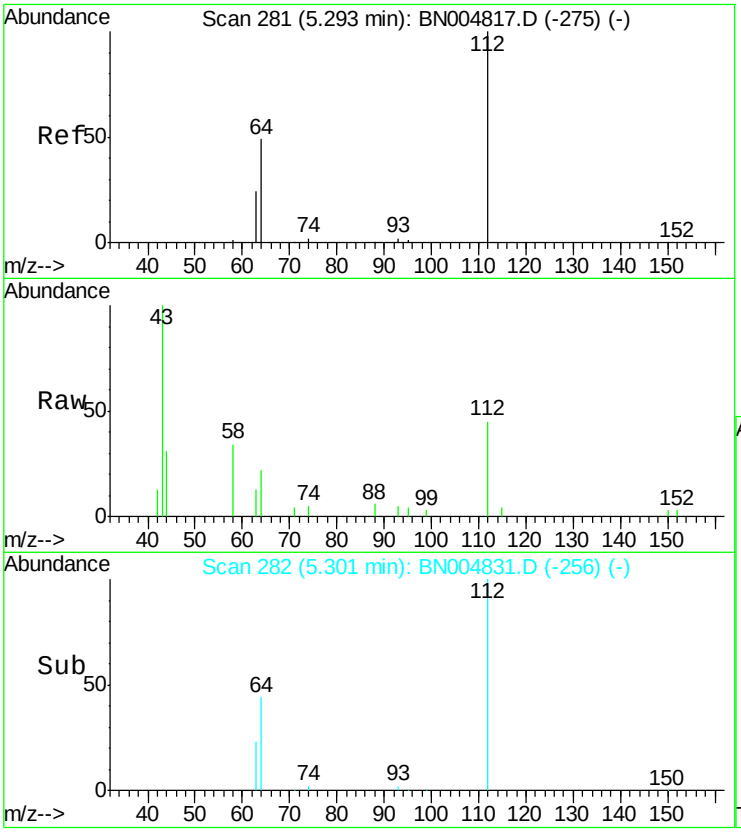


#3
n-Nitrosodimethylamine
Concen: 0.015 ng
RT: 3.57 min Scan# 67
Delta R.T. -0.01 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion: 42 Resp: 13

Ion	Ratio	Lower	Upper
42	100		
74	69.2	128.4	192.6#
44	0.0	6.1	9.1#



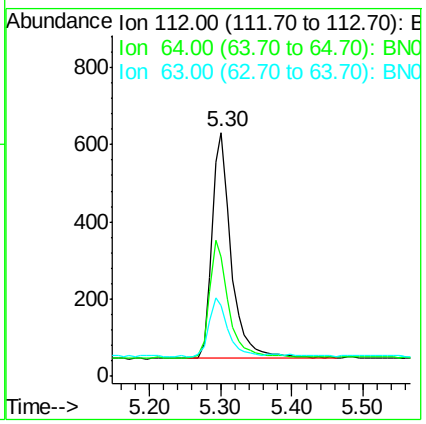


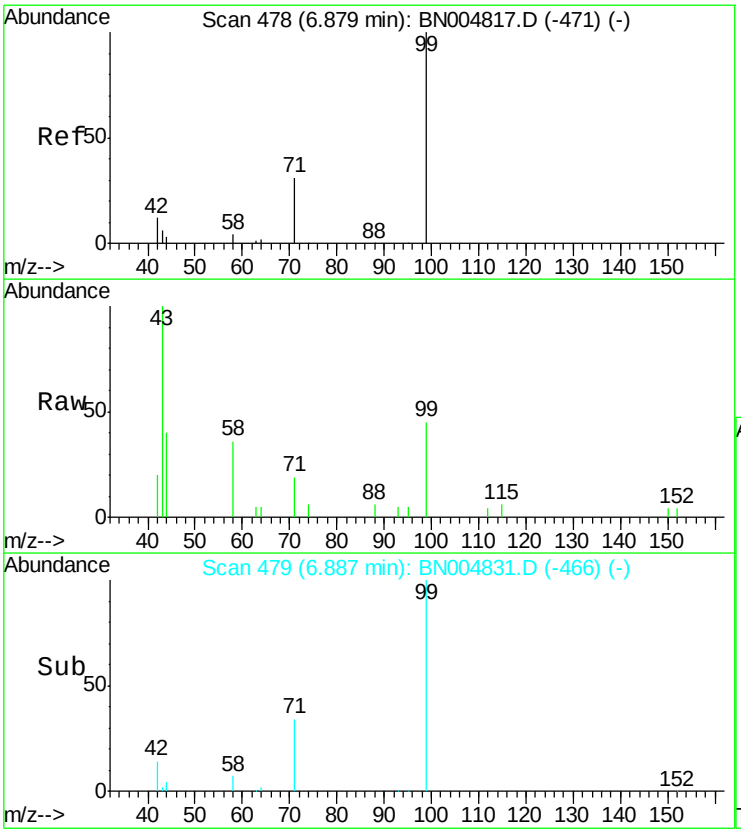
#4
2-Fluorophenol
Concen: 0.315 ng
RT: 5.30 min Scan# 282
Delta R.T. 0.01 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:112 Resp: 1104

Ion	Ratio	Lower	Upper
112	100		
64	51.1	40.0	60.0
63	25.5	20.2	30.2

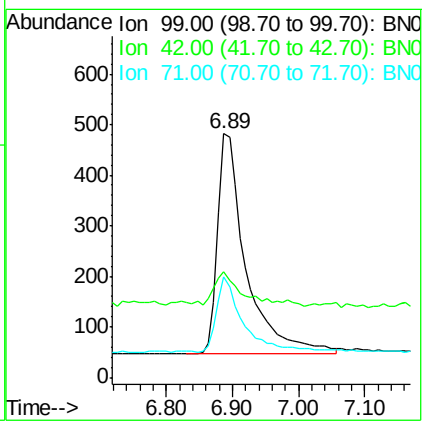


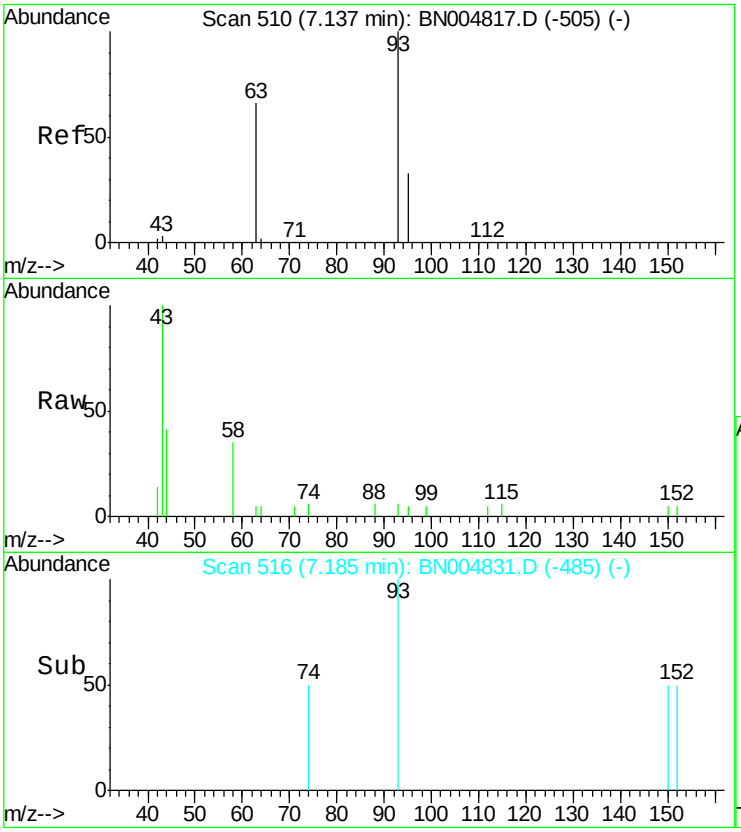


#5
Phenol-d6
Concen: 0.298 ng
RT: 6.89 min Scan# 479
Delta R.T. 0.01 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion: 99 Resp: 1299

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.7	19.1
71	30.6	26.6	40.0



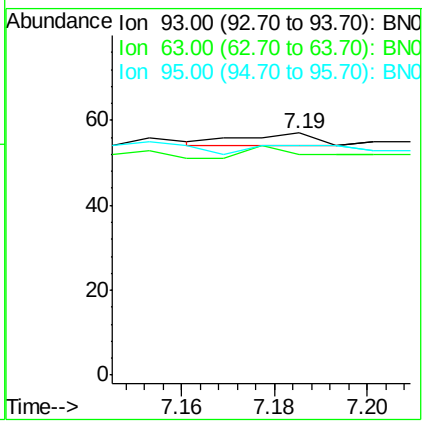


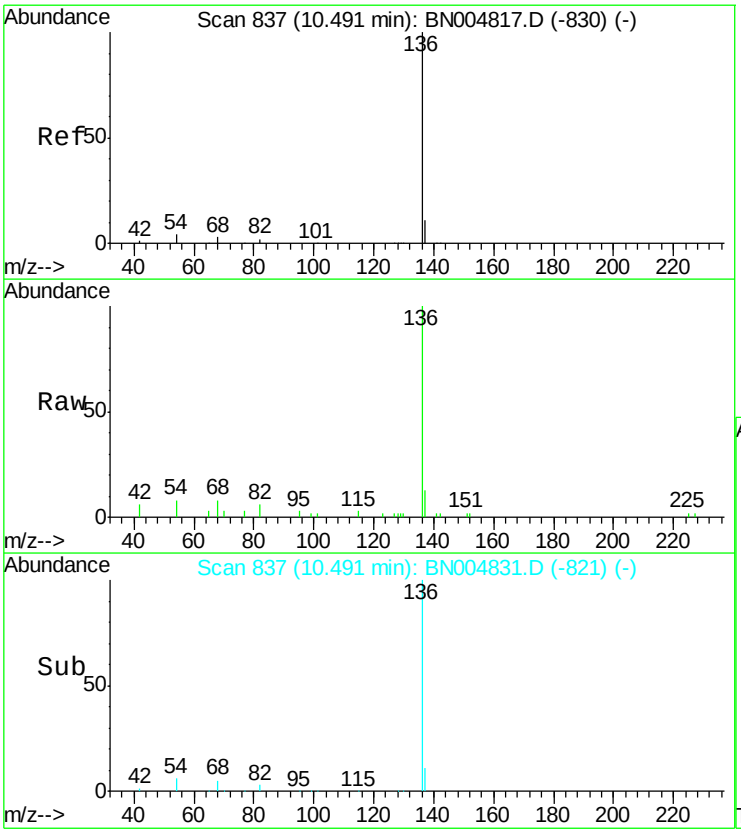
#6
bis(2-Chloroethyl)ether
Concen: 0.001 ng
RT: 7.19 min Scan# 516
Delta R.T. 0.05 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion: 93 Resp: 3

Ion	Ratio	Lower	Upper
93	100		
63	200.0	52.6	78.8#
95	100.0	25.9	38.9#

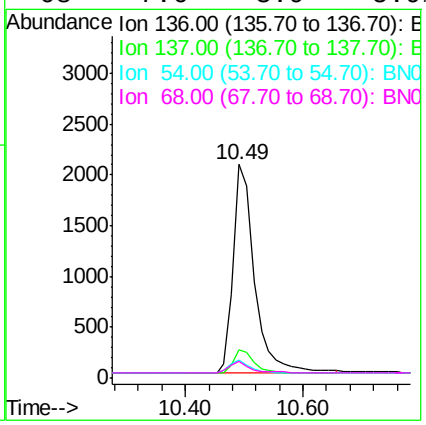


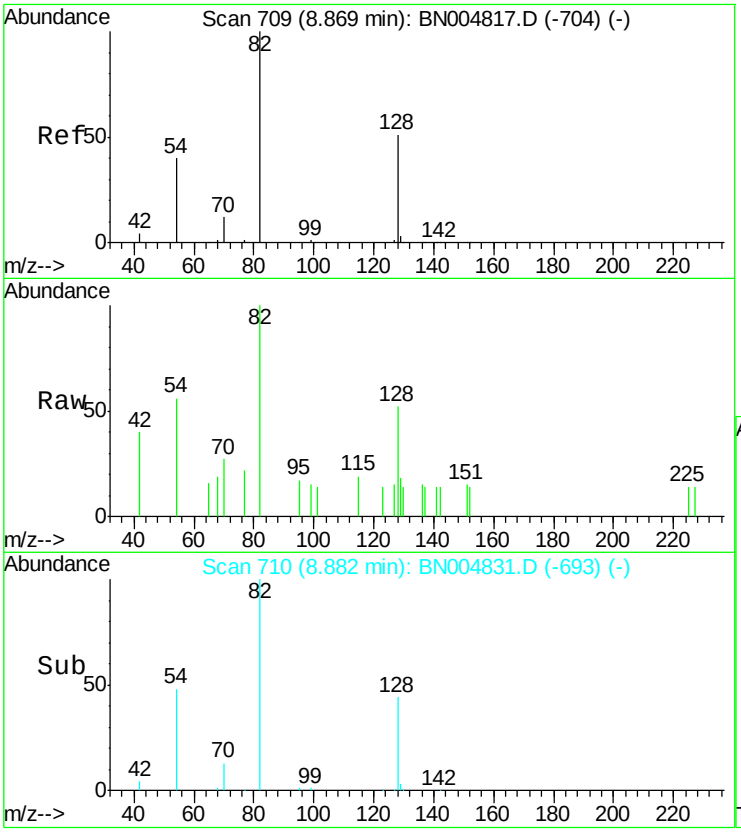


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:136 Resp: 5136

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.6	14.4
54	8.3	4.2	6.2#
68	7.6	3.9	5.9#



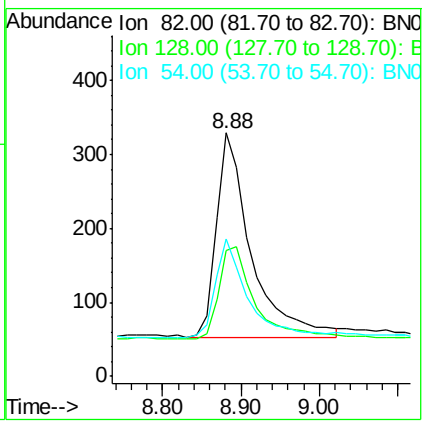


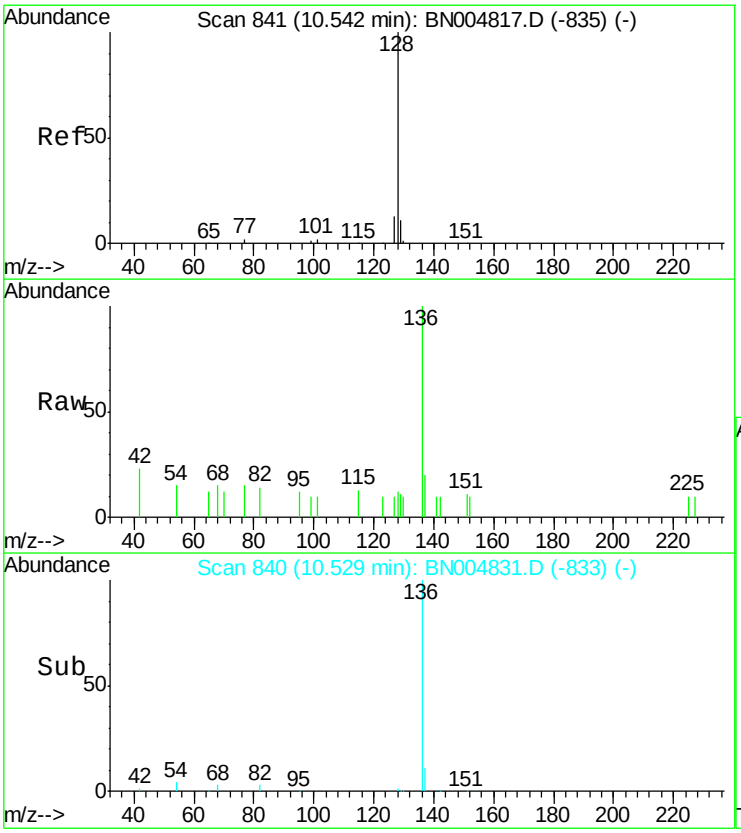
#8
Nitrobenzene-d5
Concen: 0.251 ng
RT: 8.88 min Scan# 710
Delta R.T. 0.01 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion: 82 Resp: 853

Ion	Ratio	Lower	Upper
82	100		
128	52.0	43.0	64.6
54	56.2	35.3	52.9#

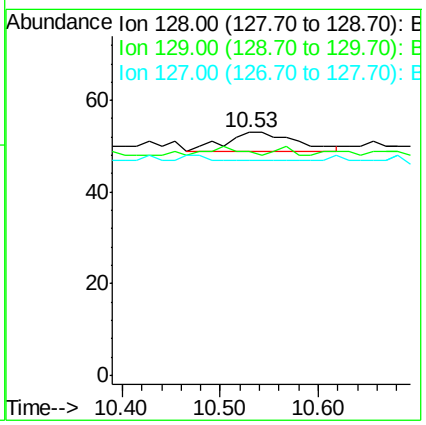


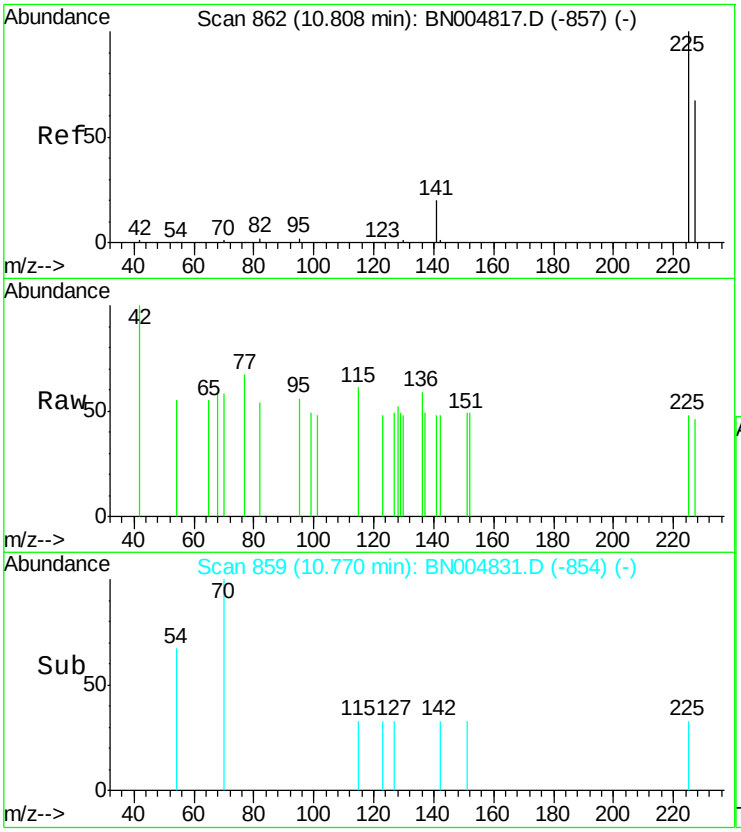


#9
Naphthalene
Concen: 0.001 ng
RT: 10.53 min Scan# 840
Delta R.T. -0.01 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:128 Resp: 20

Ion	Ratio	Lower	Upper
128	100		
129	92.5	9.9	14.9#
127	88.7	11.3	16.9#



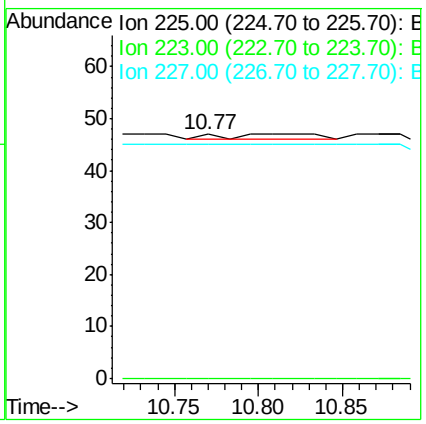


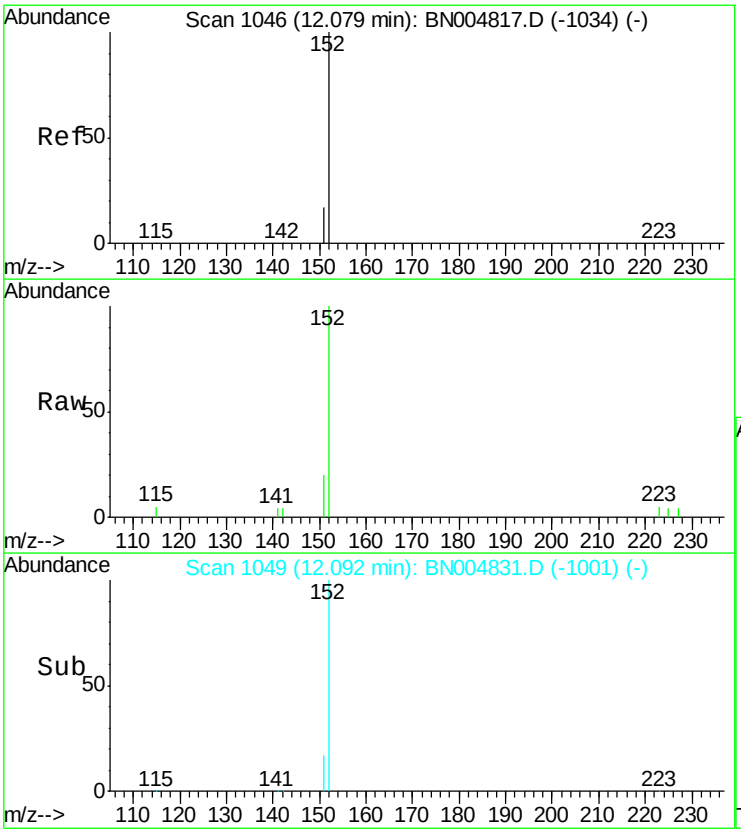
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.77 min Scan# 859
Delta R.T. -0.04 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:225 Resp: 4

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

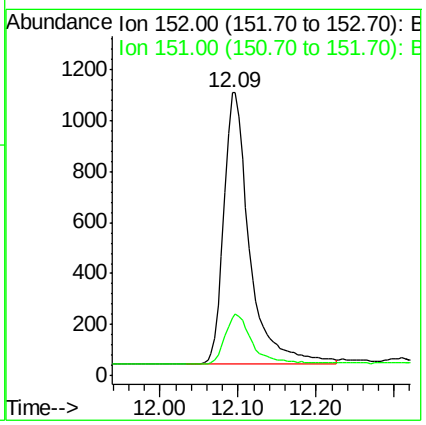


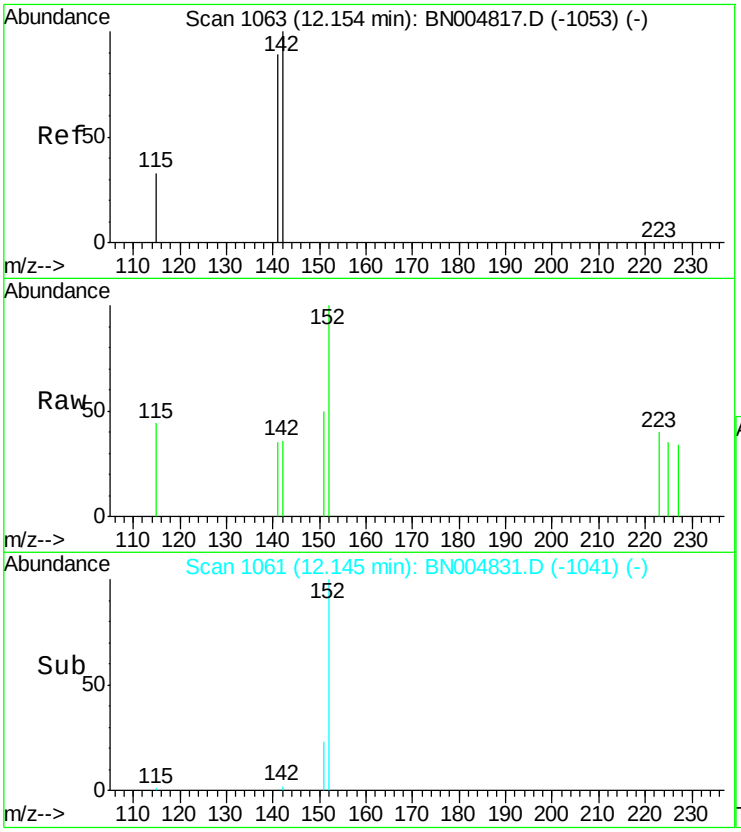


#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 12.09 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:152 Resp: 2441

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3



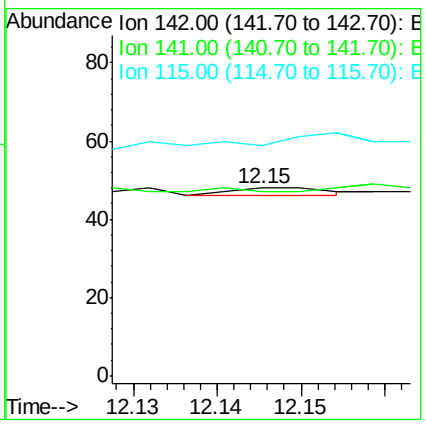


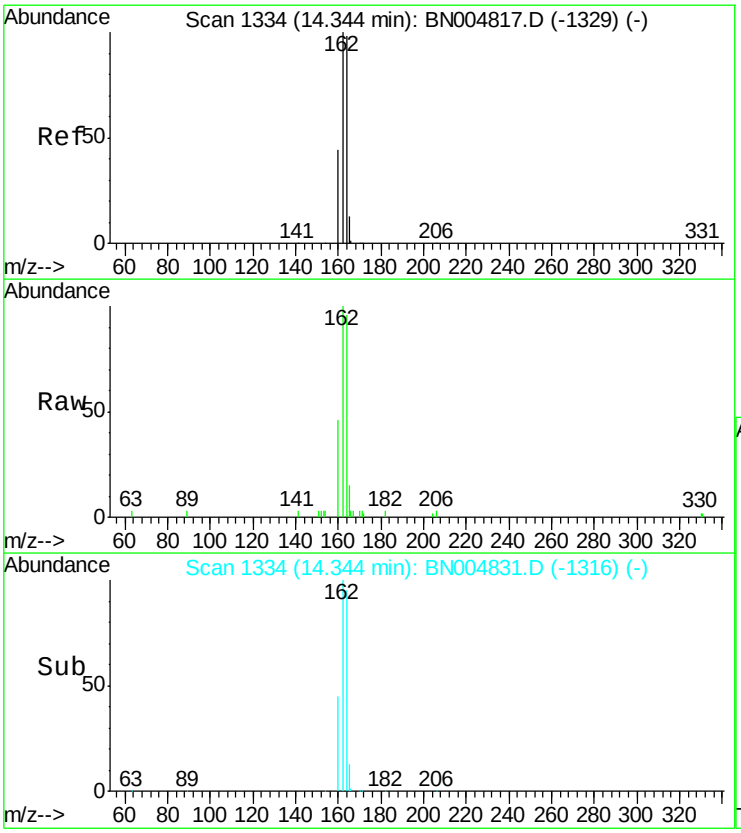
#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 12.15 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:142 Resp: 2

Ion	Ratio	Lower	Upper
142	100		
141	97.9	71.4	107.2
115	122.9	27.5	41.3#

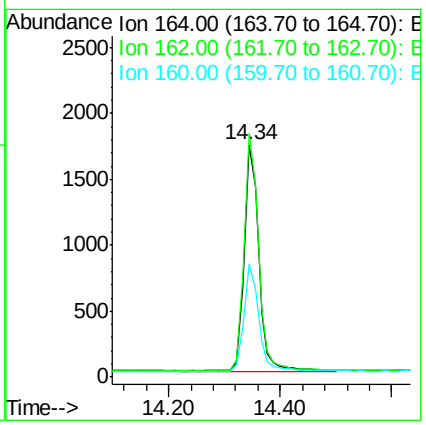


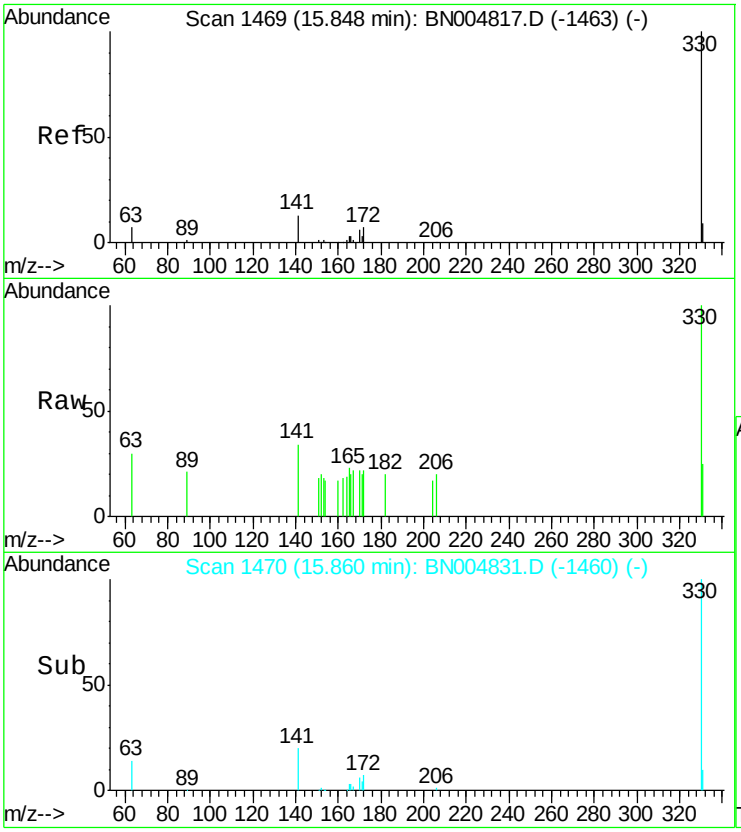


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:164 Resp: 3070

Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.9	122.9
160	48.5	36.6	54.8



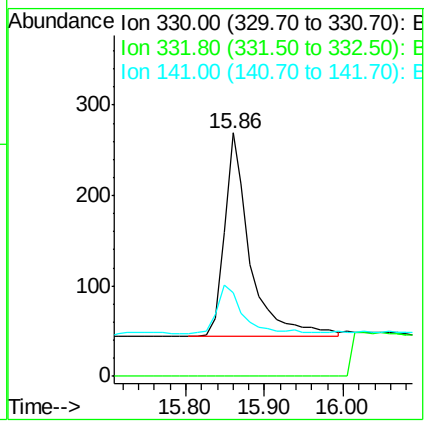


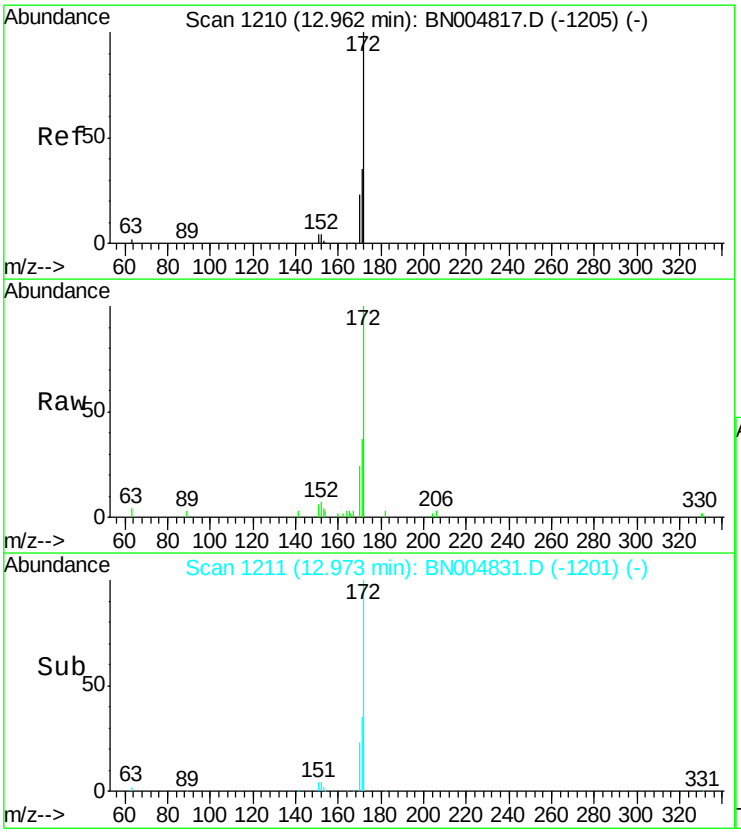
#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 15.86 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:330 Resp: 506

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	24.9	20.9	31.3

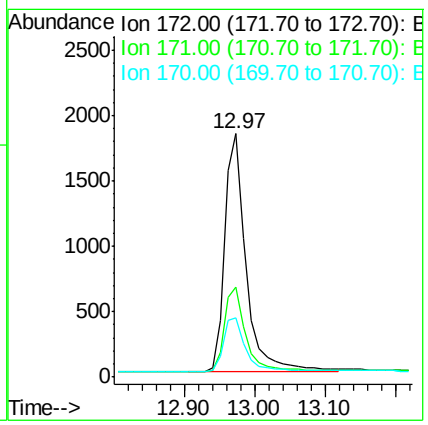


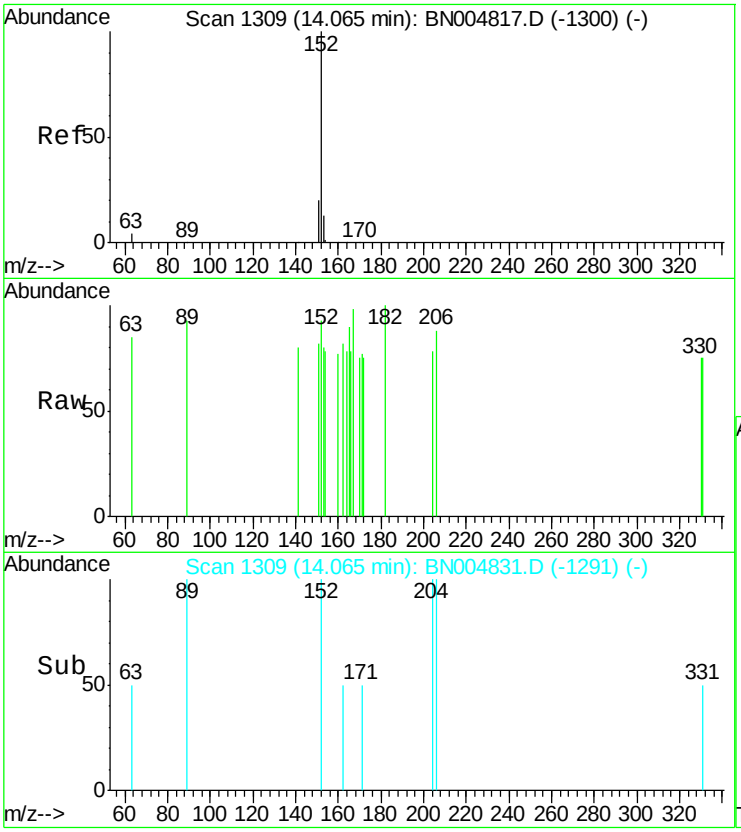


#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 12.97 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:172 Resp: 3848

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.7	43.1
170	24.4	18.7	28.1



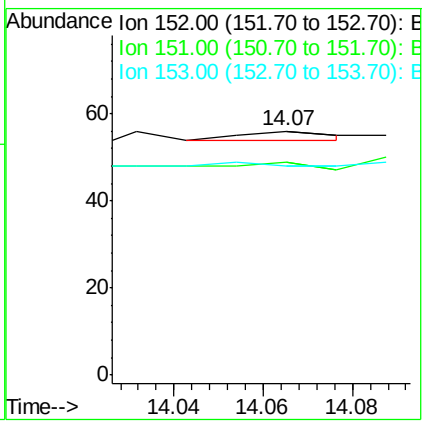


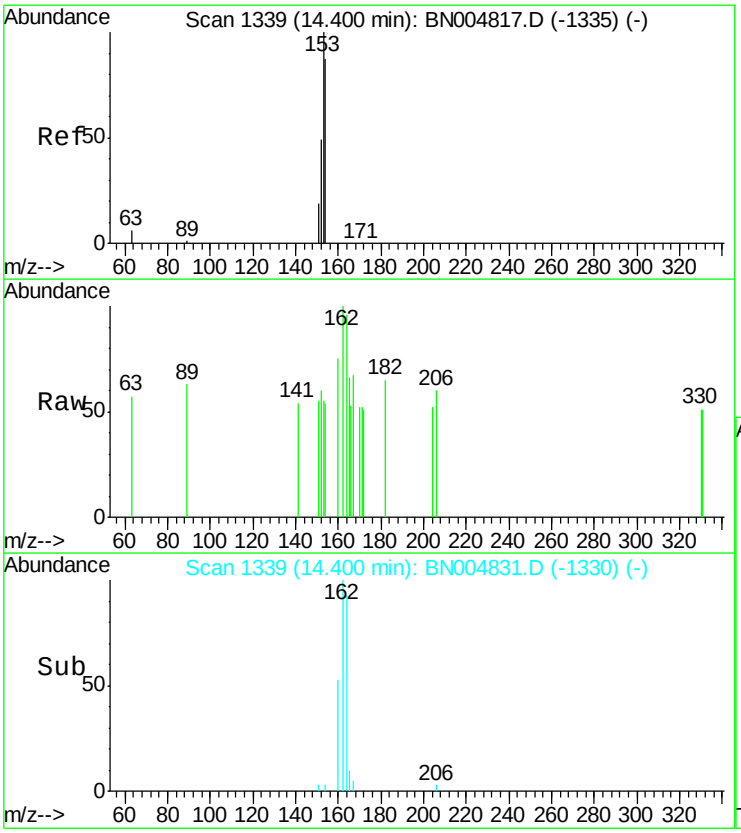
#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:152 Resp: 3

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.1	24.1#
153	33.3	10.5	15.7#

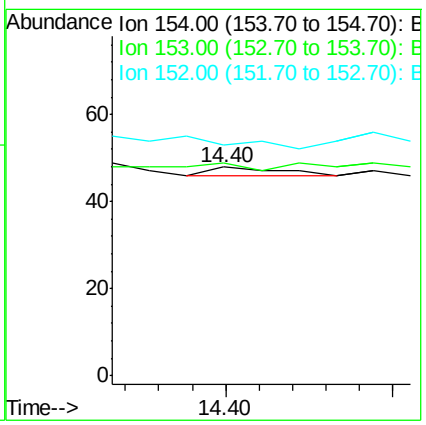


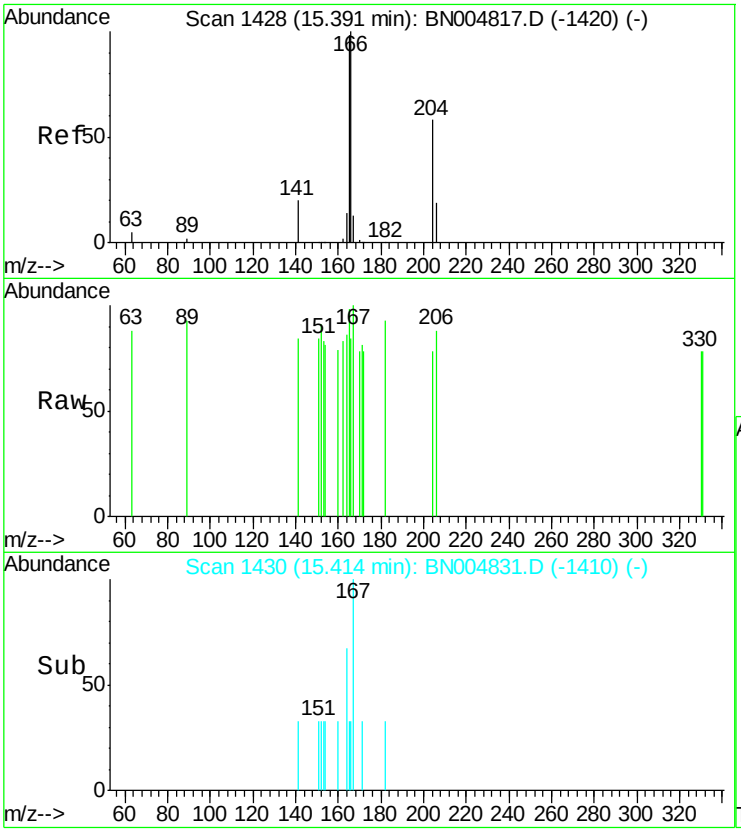


#17
Acenaphthene
Concen: 0.000 ng
RT: 14.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:154 Resp: 3

Ion	Ratio	Lower	Upper
154	100		
153	66.7	91.4	137.2#
152	0.0	44.2	66.2#



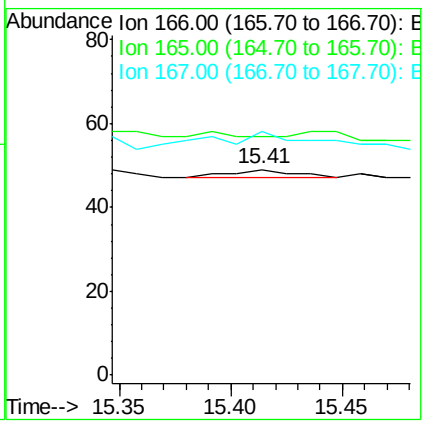


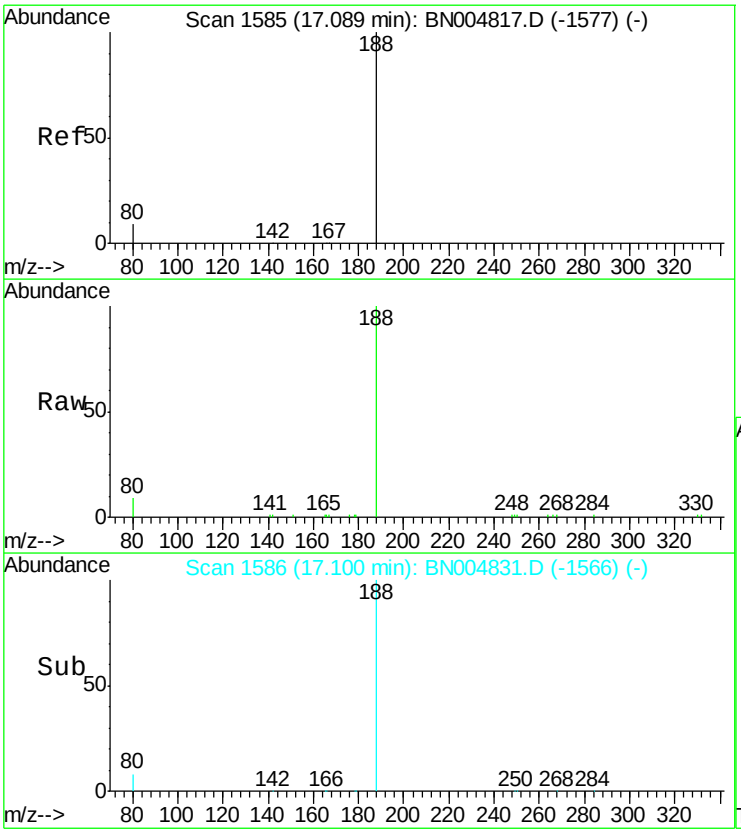
#18
Fluorene
Concen: 0.000 ng
RT: 15.41 min Scan# 1430
Delta R.T. 0.02 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:166 Resp: 4

Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.2	117.4#
167	200.0	11.0	16.4#

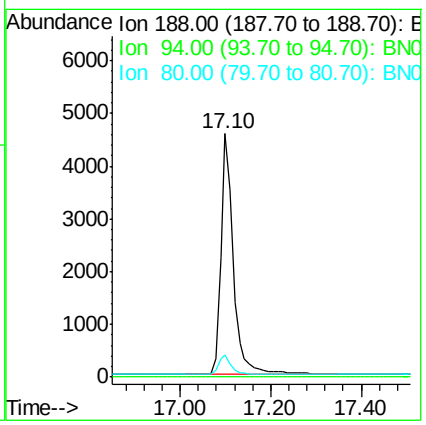


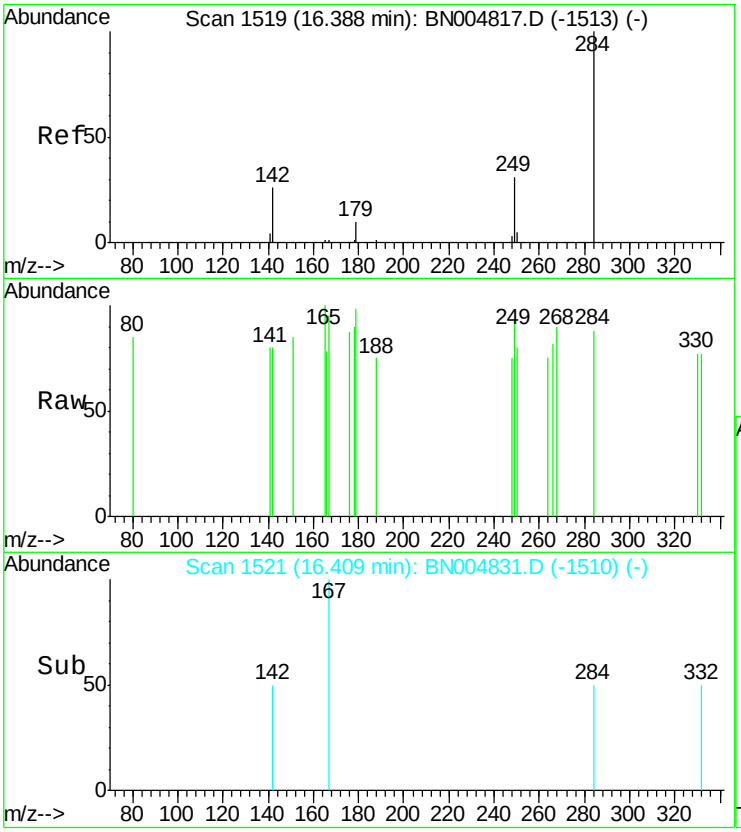


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.10 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:188 Resp: 8863

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.2



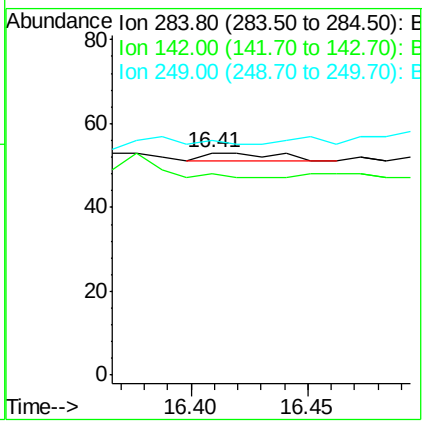


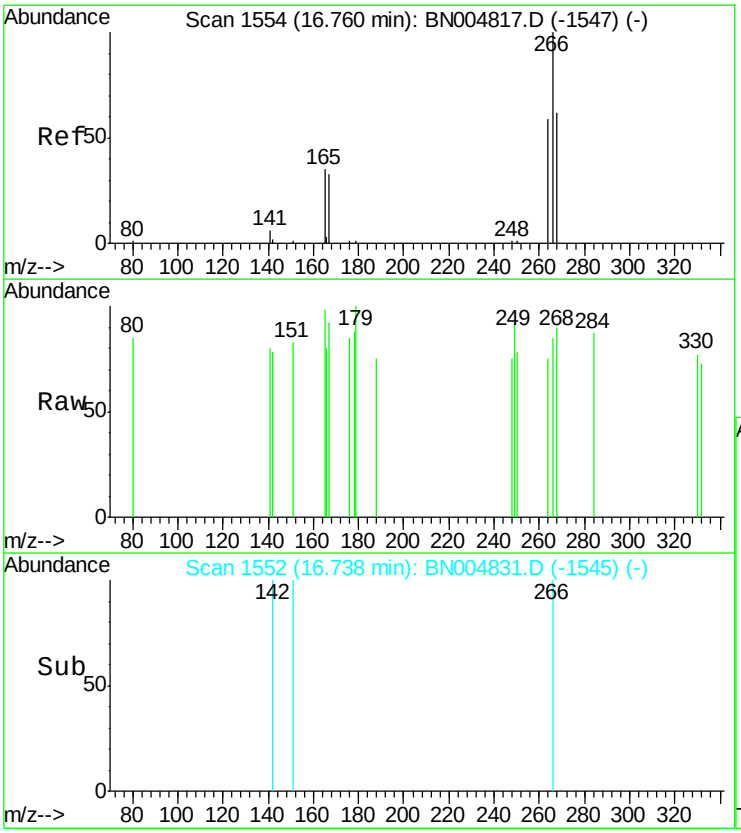
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.41 min Scan# 1521
Delta R.T. 0.02 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:284 Resp: 4

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.6	34.0#
249	0.0	22.5	33.7#

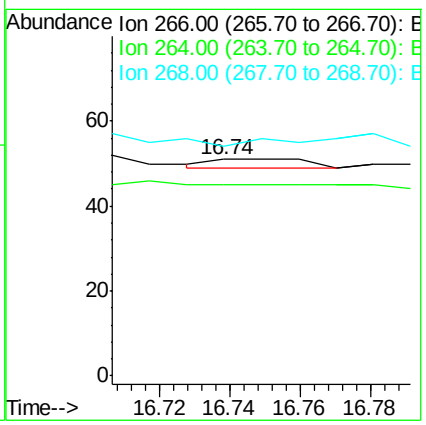


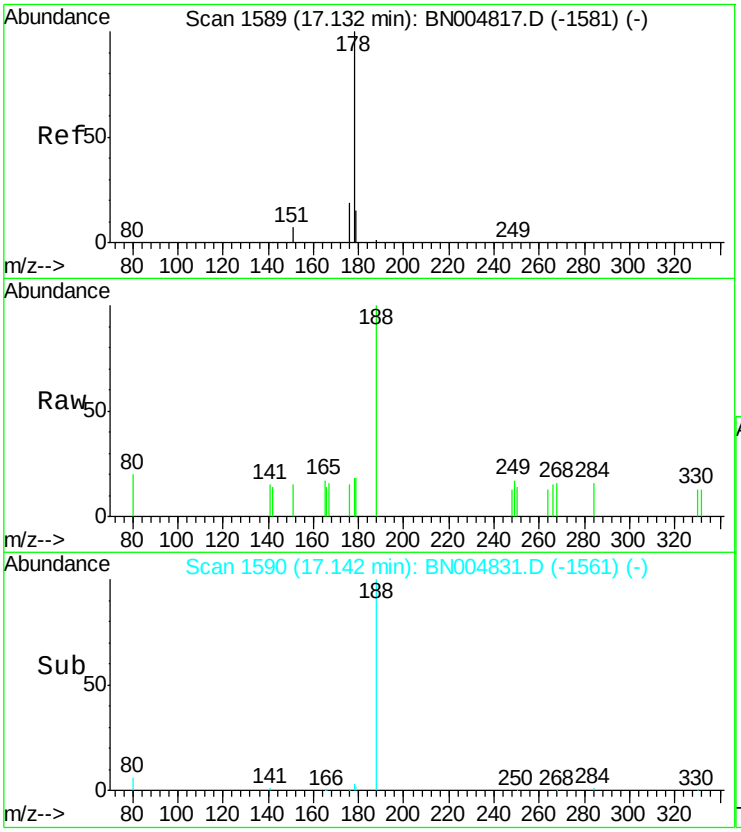


#22
Pentachlorophenol
Concen: 0.003 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:266 Resp: 4

Ion	Ratio	Lower	Upper
266	100		
264	88.2	53.1	79.7#
268	105.9	57.7	86.5#



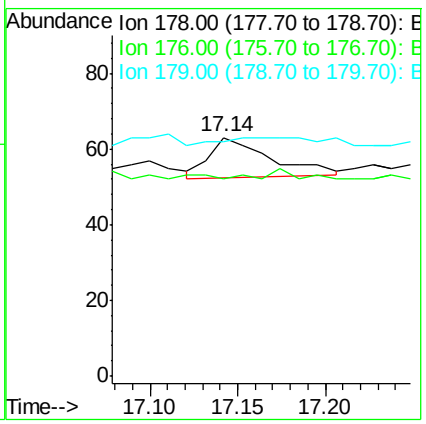


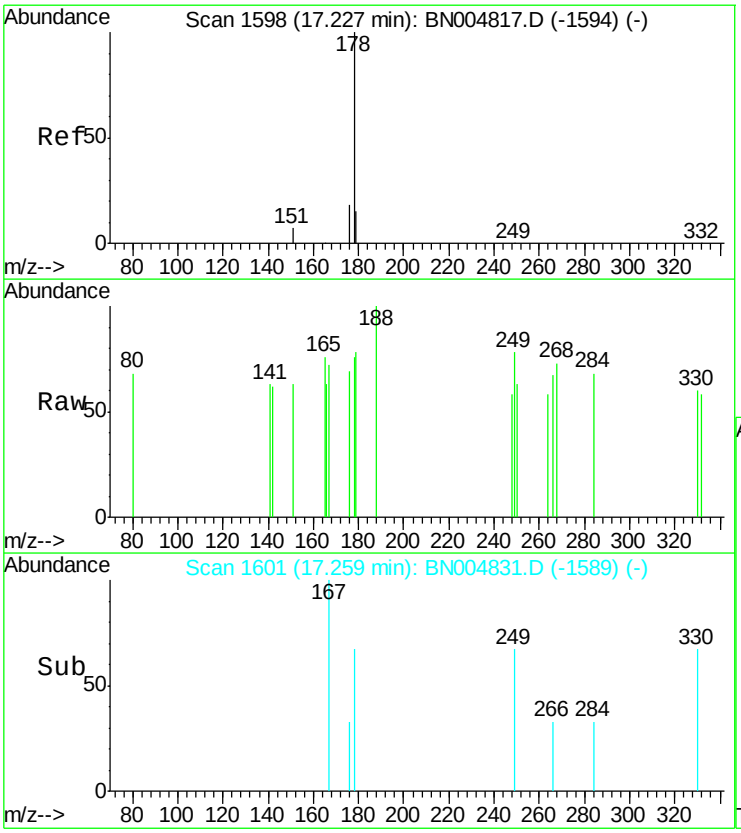
#23
Phenanthrene
Concen: 0.001 ng
RT: 17.14 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:178 Resp: 27

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.9	22.3#
179	44.4	12.1	18.1#

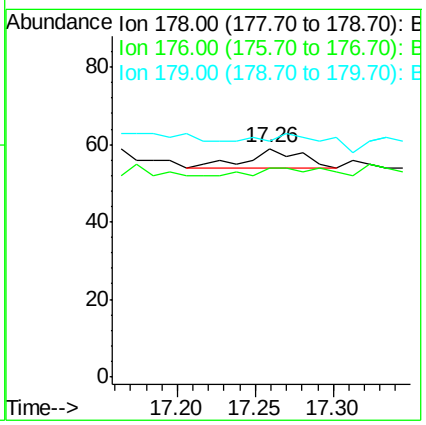


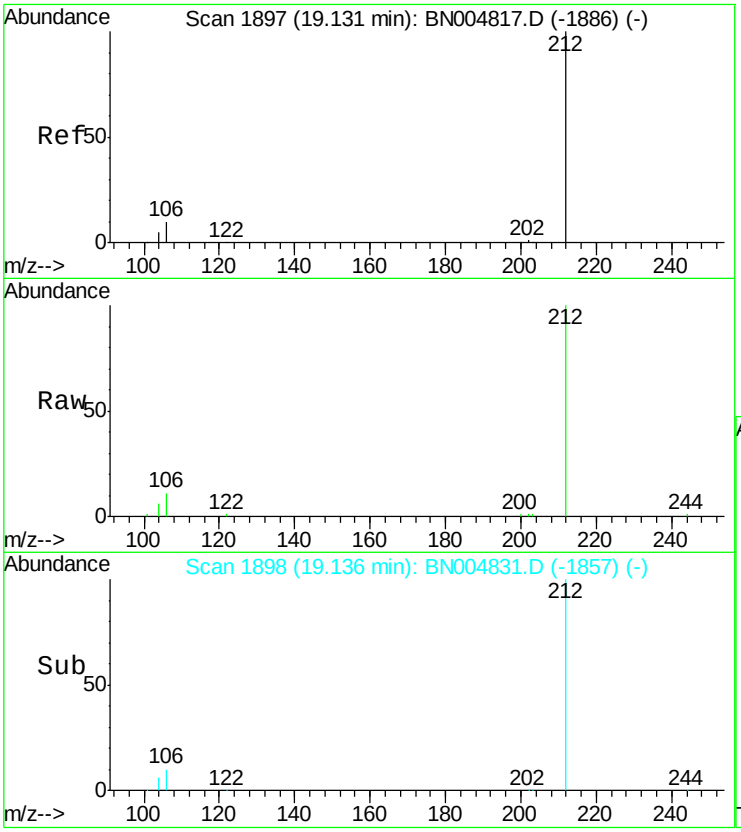


#24
Anthracene
Concen: 0.000 ng
RT: 17.26 min Scan# 1601
Delta R.T. 0.03 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:178 Resp: 12

Ion	Ratio	Lower	Upper
178	100		
176	50.0	14.5	21.7#
179	125.0	12.2	18.4#



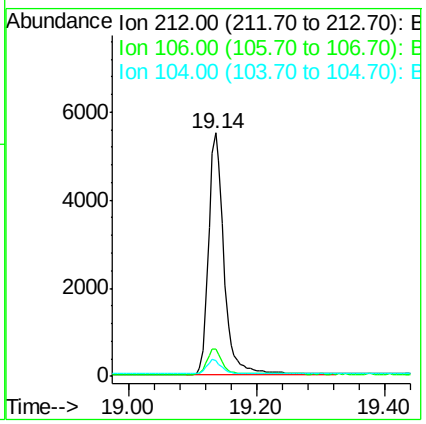


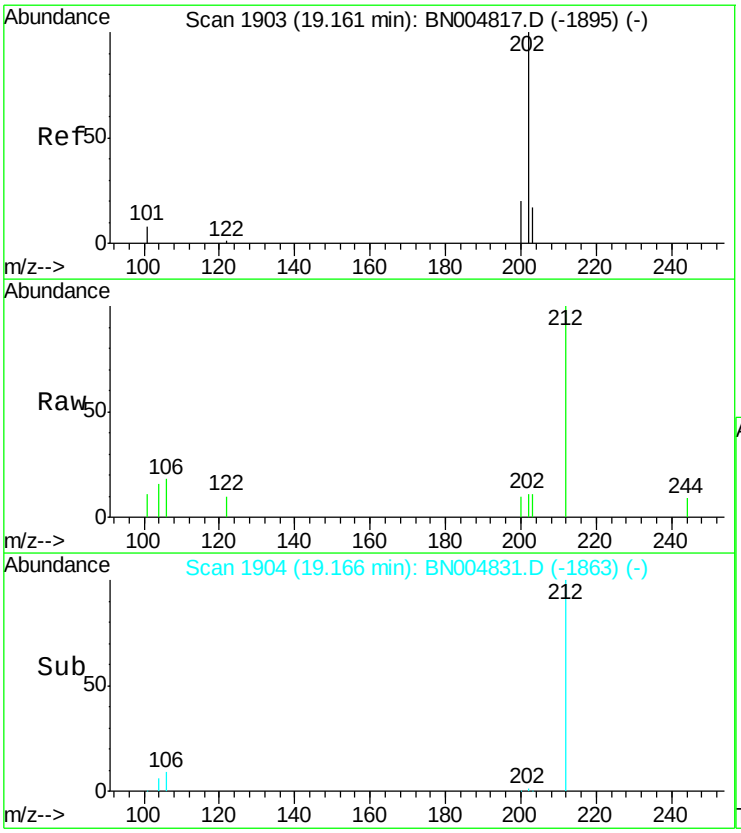
#25
Fluoranthene-d10
Concen: 0.308 ng
RT: 19.14 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:212 Resp: 9127

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.6	13.0
104	5.8	4.7	7.1

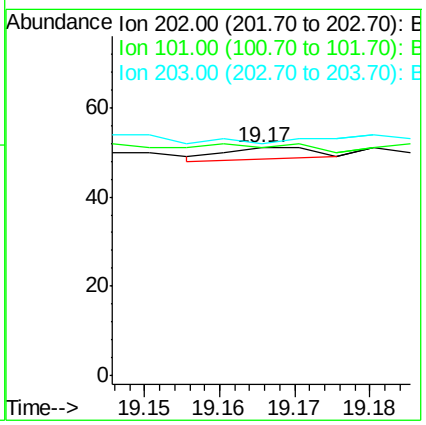


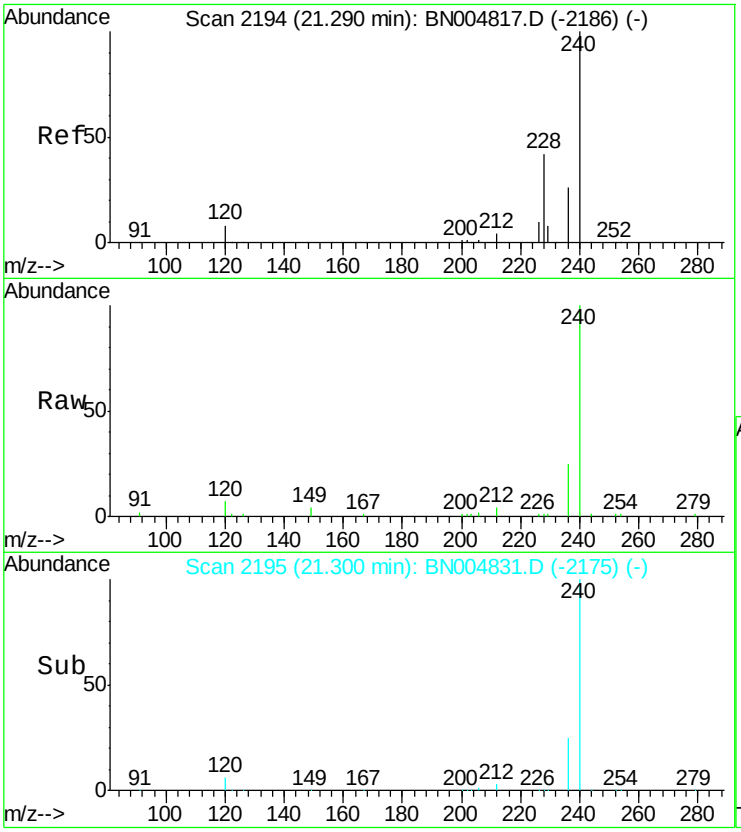


#26
Fluoranthene
Concen: 0.000 ng
RT: 19.17 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:202 Resp: 2

Ion	Ratio	Lower	Upper
202	100		
101	0.0	7.5	11.3#
203	150.0	13.8	20.6#



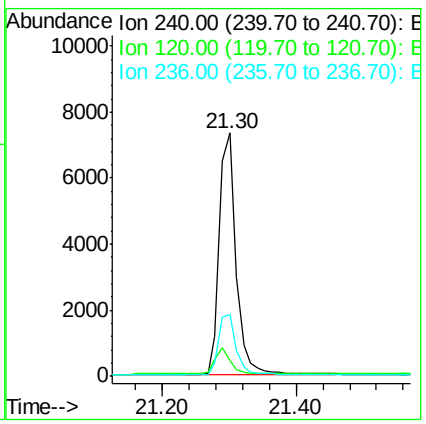


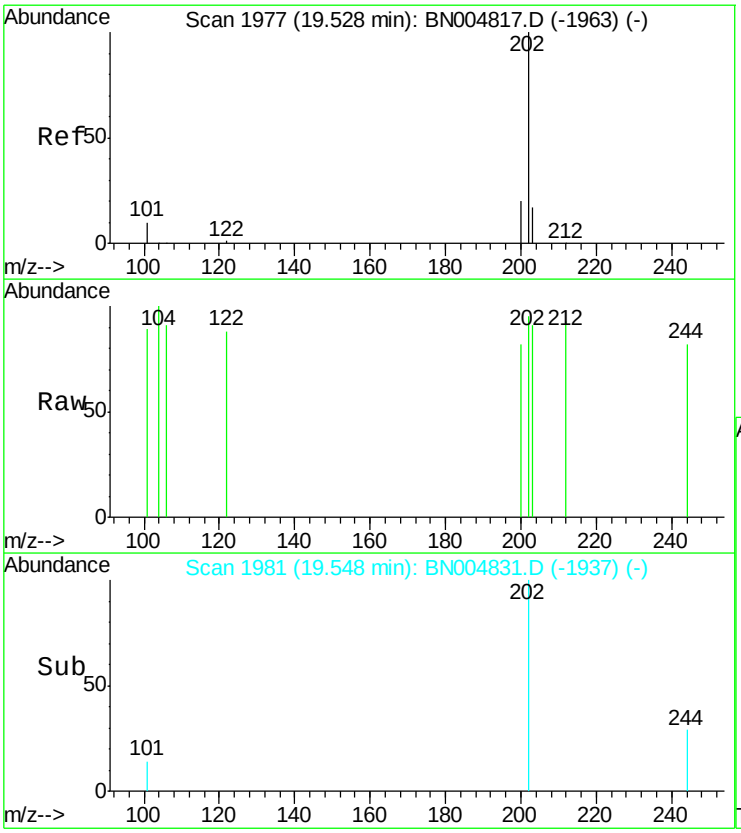
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.30 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:240 Resp: 12759

Ion	Ratio	Lower	Upper
240	100		
120	6.5	7.2	10.8#
236	25.5	20.9	31.3

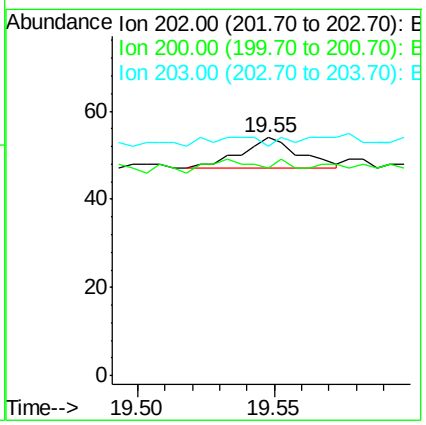


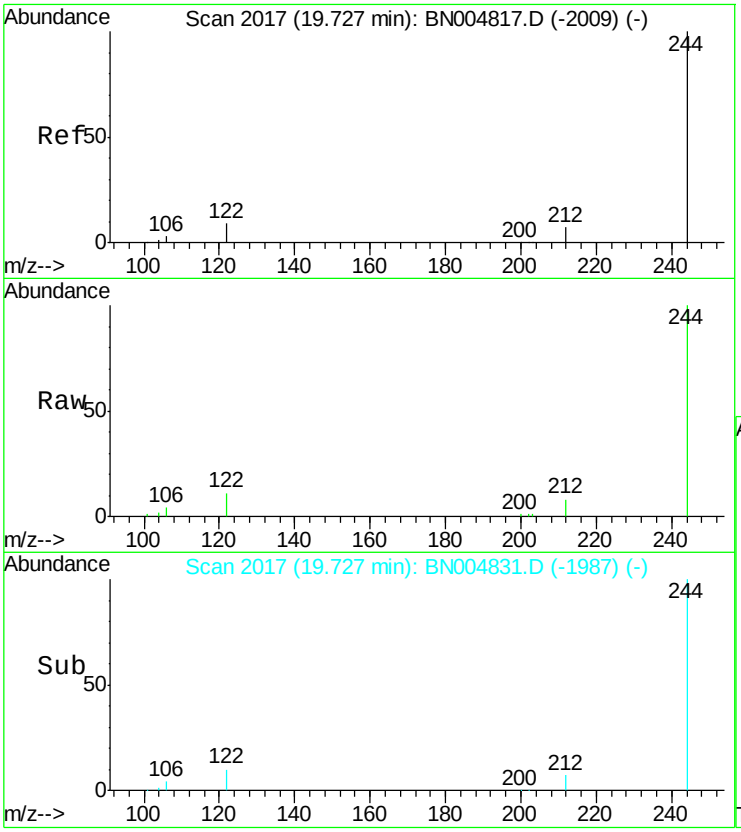


#28
Pyrene
Concen: 0.000 ng
RT: 19.55 min Scan# 1981
Delta R.T. 0.02 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:202 Resp: 10

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.3	24.5#
203	0.0	14.0	21.0#



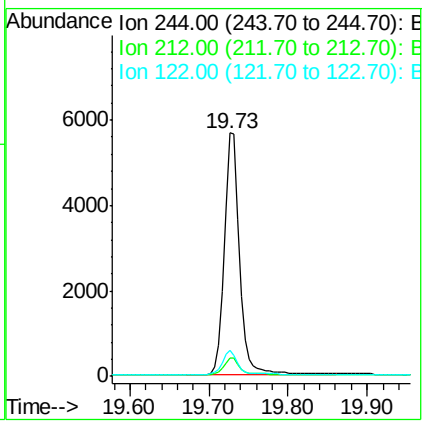


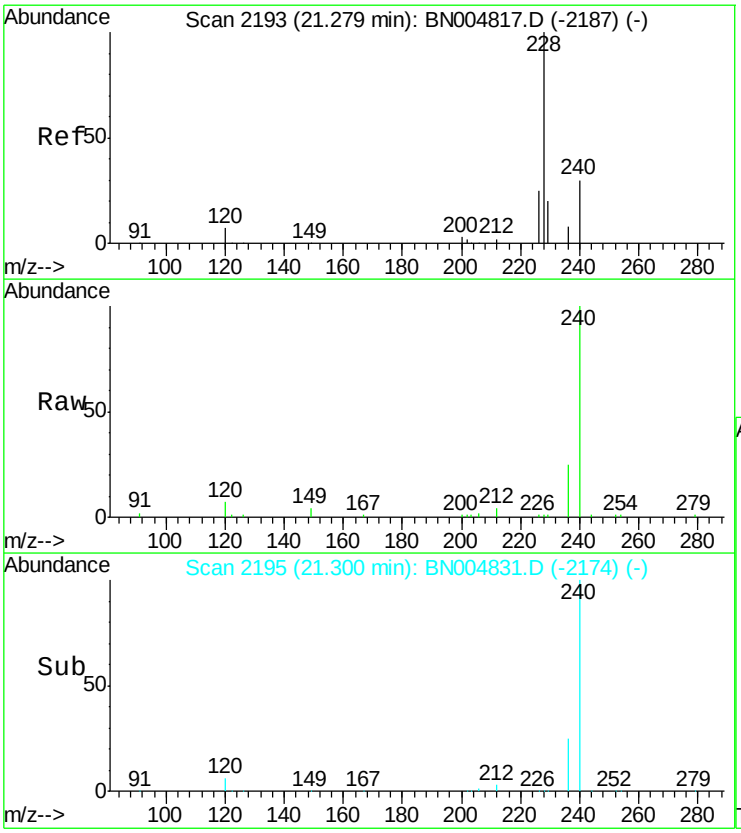
#29
Terphenyl-d14
Concen: 0.294 ng
RT: 19.73 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:244 Resp: 7664

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	10.6	7.9	11.9

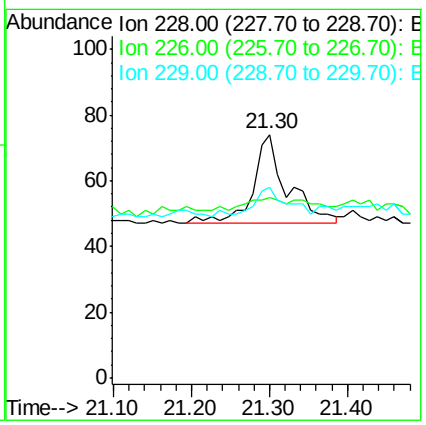


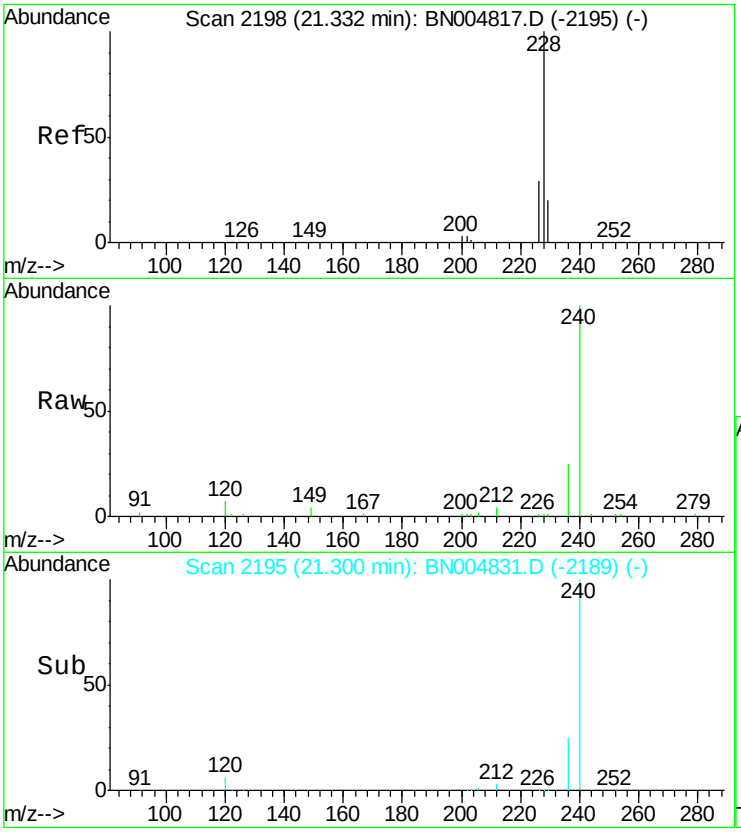


#30
Benzo(a)anthracene
Concen: 0.002 ng
RT: 21.30 min Scan# 2195
Delta R.T. 0.02 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:228 Resp: 84

Ion	Ratio	Lower	Upper
228	100		
226	74.3	20.6	31.0#
229	78.4	16.2	24.4#



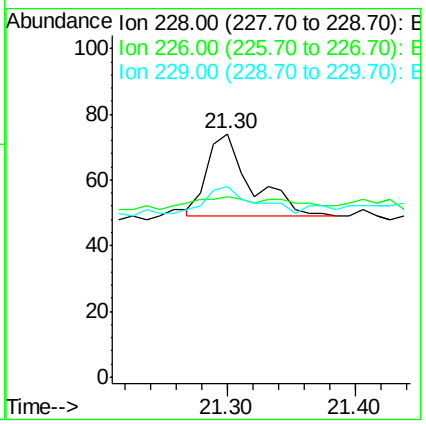


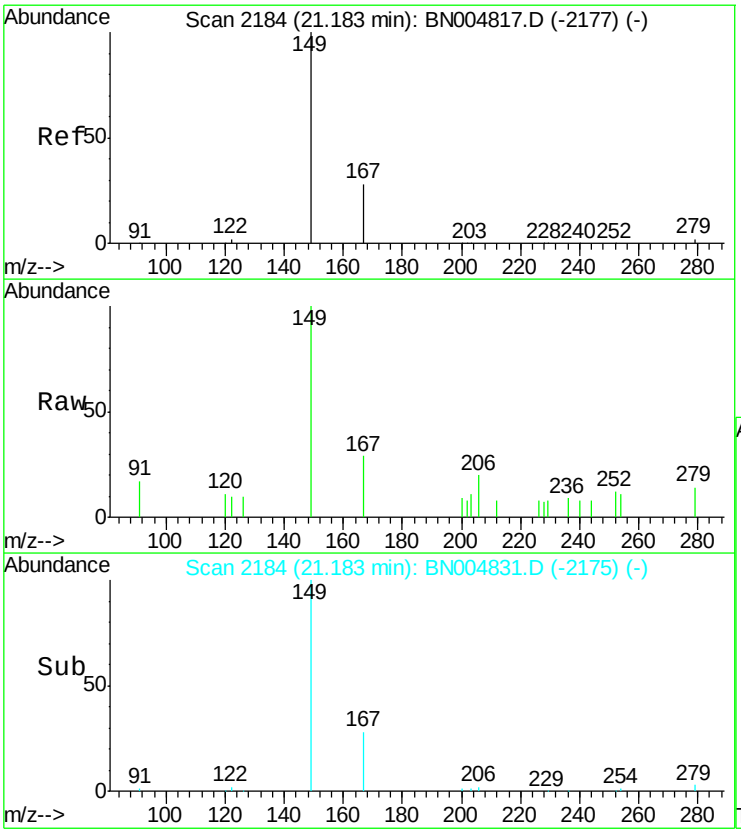
#31
Chrysene
Concen: 0.001 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.03 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:228 Resp: 60

Ion	Ratio	Lower	Upper
228	100		
226	74.3	23.0	34.6#
229	78.4	16.2	24.2#

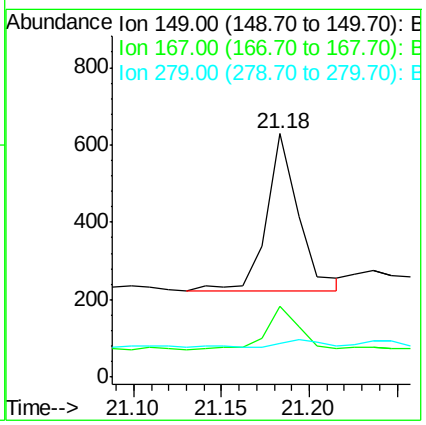


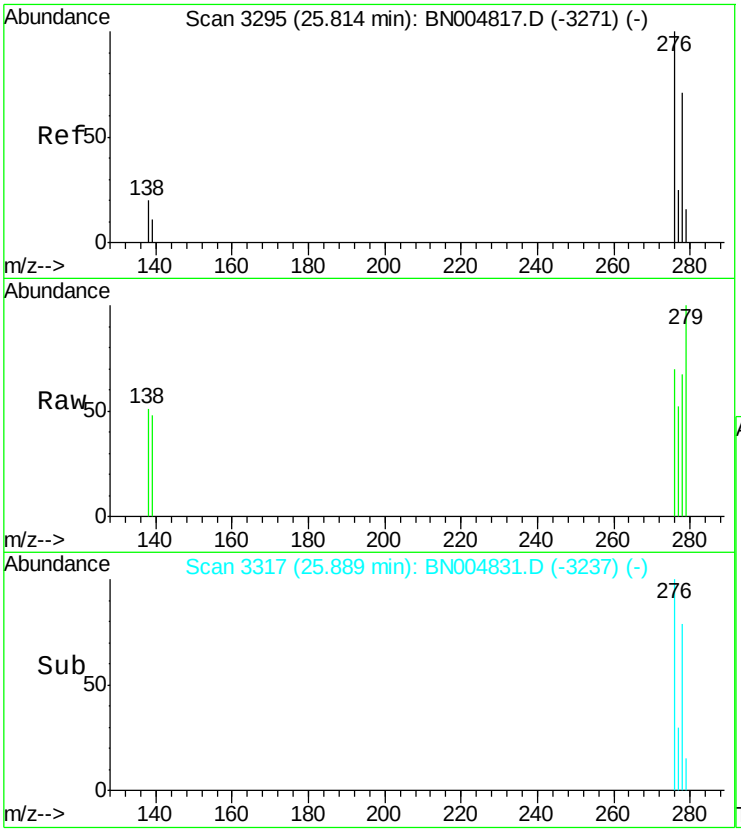


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.031 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:149 Resp: 515

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.0	34.4
279	6.0	4.6	6.8



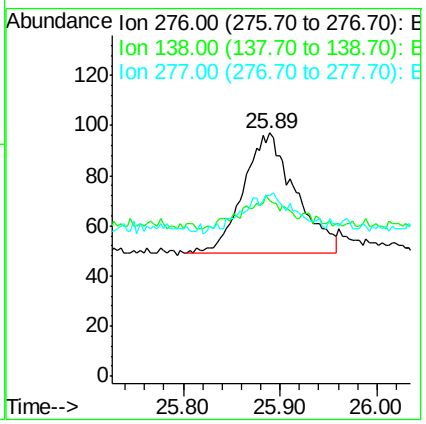


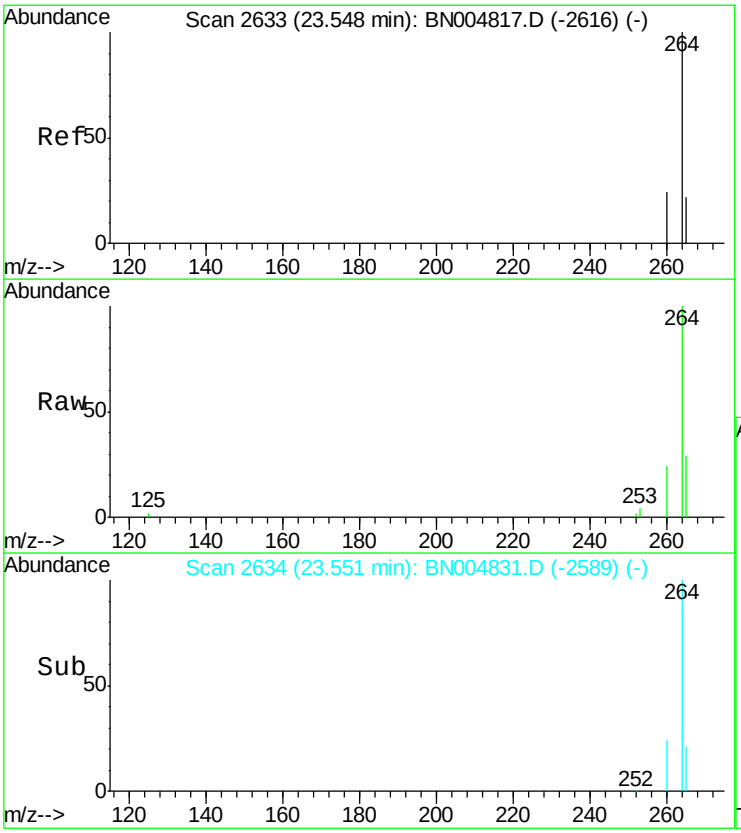
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 25.89 min Scan# 3317
Delta R.T. 0.08 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:276 Resp: 180

Ion	Ratio	Lower	Upper
276	100		
138	8.9	16.6	24.8#
277	3.9	20.3	30.5#

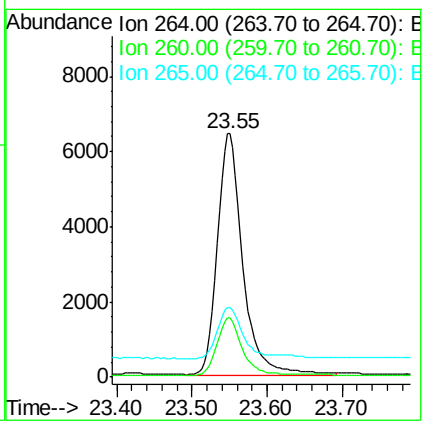


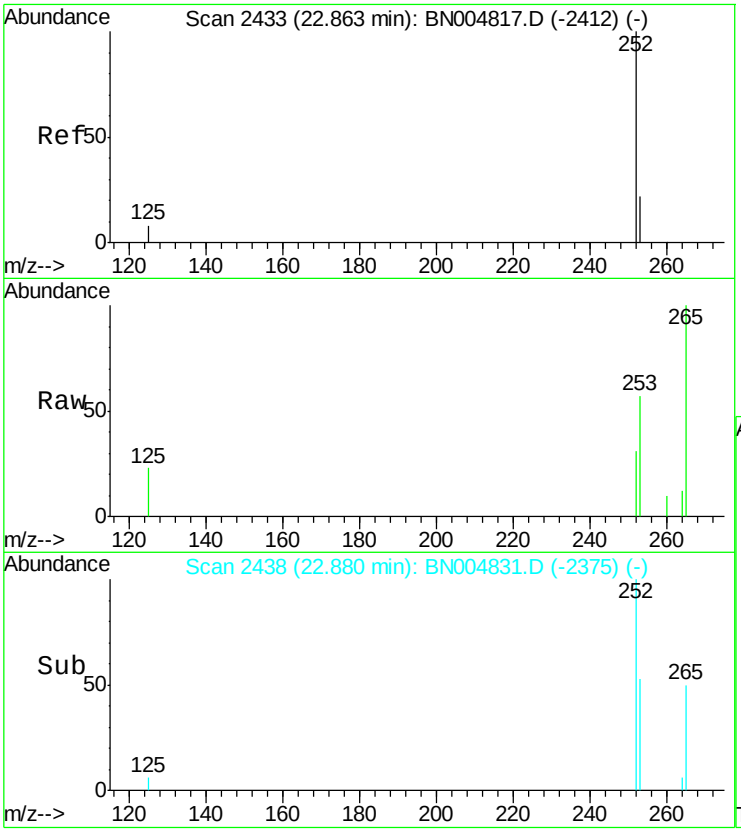


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.55 min Scan# 2634
Delta R.T. 0.00 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:264 Resp: 14930

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	28.8	23.1	34.7



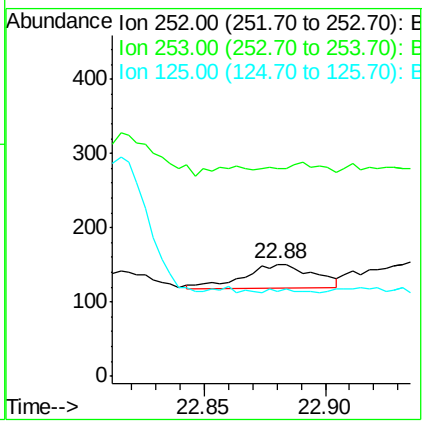


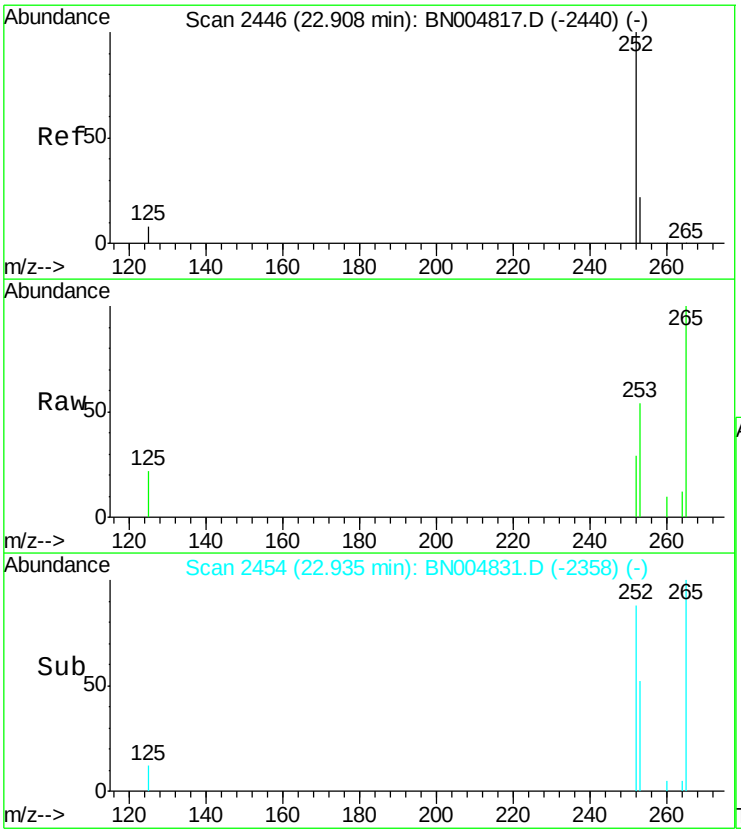
#35
Benzo(b)fluoranthene
Concen: 0.001 ng
RT: 22.88 min Scan# 2438
Delta R.T. 0.02 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:252 Resp: 65

Ion	Ratio	Lower	Upper
252	100		
253	184.8	19.0	28.4#
125	76.2	7.4	11.2#

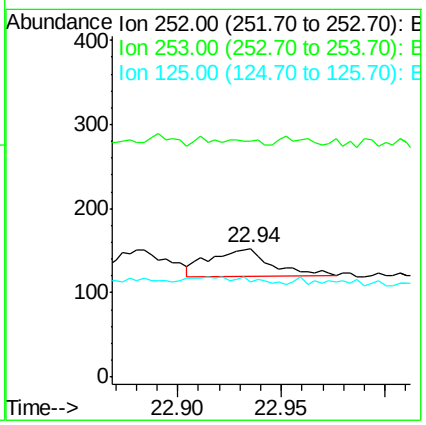


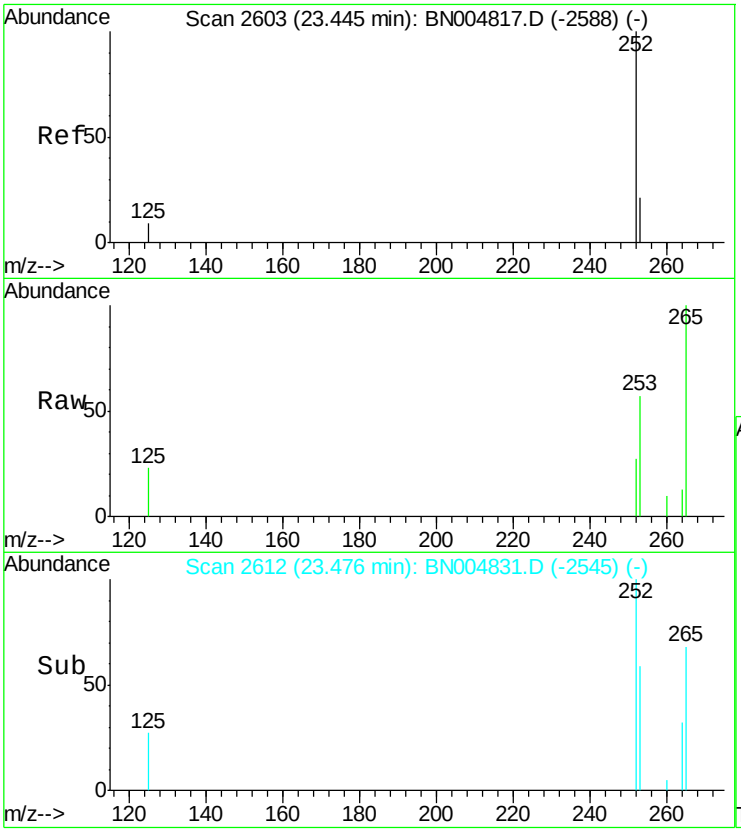


#36
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 22.94 min Scan# 2454
Delta R.T. 0.03 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:252 Resp: 68

Ion	Ratio	Lower	Upper
252	100		
253	183.0	19.3	28.9#
125	73.9	7.4	11.0#



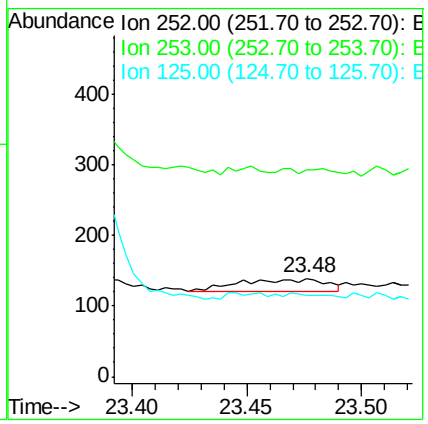


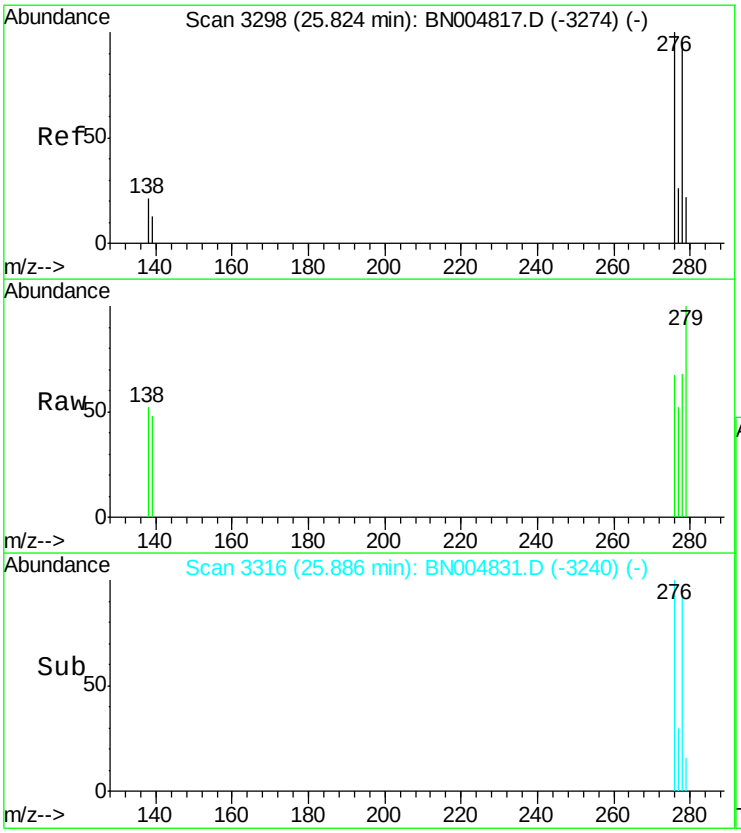
#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.48 min Scan# 2612
Delta R.T. 0.03 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:252 Resp: 48

Ion	Ratio	Lower	Upper
252	100		
253	210.8	19.7	29.5#
125	83.5	8.3	12.5#

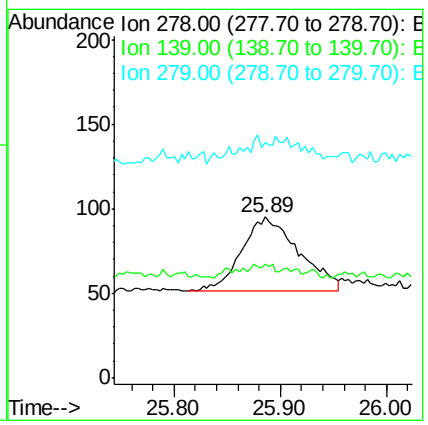


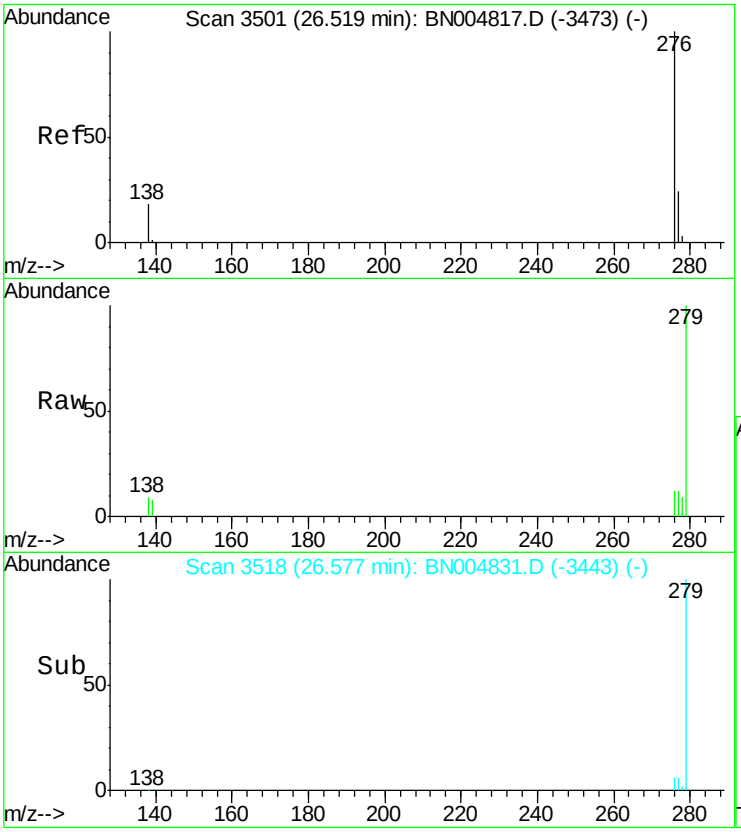


#38
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 25.89 min Scan# 3316
Delta R.T. 0.06 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Tgt Ion:278 Resp: 165

Ion	Ratio	Lower	Upper
278	100		
139	70.5	11.7	17.5#
279	146.3	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 26.58 min Scan# 3518
Delta R.T. 0.06 min
Lab File: BN004831.D
Acq: 20 Mar 2019 22:17

Instrument :
BNA_N
ClientSampleId :
PB118052BL

Tgt Ion:276 Resp: 179

Ion	Ratio	Lower	Upper
276	100		
277	106.8	19.7	29.5#
138	77.3	14.6	22.0#