Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
Data File : BN004835.D
Acq On : 21 Mar 2019 00:40
Operator : JU/SJ
Sample : K1842-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PR-MW-02_030819

Quant Time: Mar 21 08:49:34 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	1572	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	7277	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	9302	0.40	ng		-0.01
19) Phenanthrene-d10	17.09	188	12746	0.40	ng		0.00
27) Chrysene-d12	21.29	240	16730	0.40	ng		0.00
34) Perylene-d12	23.54	264	18501	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	792	0.19	ng		0.00
5) Phenol-d6	6.88	99	605	0.11	ng		0.00
8) Nitrobenzene-d5	8.86	82	1588	0.33	ng		-0.01
11) 2-Methylnaphthalene-d10	12.07	152	5158	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	1725	0.27	ng		-0.01
15) 2-Fluorobiphenyl	12.96	172	8132	0.21	ng		0.00
25) Fluoranthene-d10	19.13	212	17623	0.41	ng		0.00
29) Terphenyl-d14	19.73	244	16568	0.48	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.59	42	172	0.163	ng	#	1
6) bis(2-Chloroethyl)ether	7.18	93	49	0.010	ng	#	1
9) Naphthalene	10.53	128	28751	1.409	ng	#	80
10) Hexachlorobutadiene	10.78	225	6	0.002	ng	#	60
12) 2-Methylnaphthalene	12.15	142	156647	10.333	ng		99
16) Acenaphthylene	14.05	152	3119	0.065	ng	#	1
17) Acenaphthene	14.40	154	3906	0.124	ng	#	46
18) Fluorene	15.39	166	13655	0.312	ng	#	93
20) 4-Bromophenyl-phenylether	16.31	248	5	0.001	ng	#	1
21) Hexachlorobenzene	16.39	284	8	0.001	ng	#	47
22) Pentachlorophenol	16.75	266	59	0.032	ng	#	78
23) Phenanthrene	17.13	178	4229	0.103	ng		97
24) Anthracene	17.23	178	258	0.007	ng	#	79
26) Fluoranthene	19.16	202	311	0.006	ng		97
28) Pyrene	19.52	202	252	0.005	ng	#	82
30) Benzo(a)anthracene	21.28	228	134	0.002	ng	#	1
31) Chrysene	21.32	228	69	0.001	ng	#	1
32) Bis(2-ethylhexyl)phthalate	21.18	149	2478	0.113	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.83	276	100	0.001	ng	#	76
35) Benzo(b)fluoranthene	22.86	252	91	0.001	ng	#	1
36) Benzo(k)fluoranthene	22.91	252	76	0.001	ng	#	1
37) Benzo(a)pyrene	23.44	252	61	0.001	ng	#	1
38) Dibenzo(a,h)anthracene	25.83	278	43	0.001	ng	#	1
39) Benzo(g,h,i)perylene	26.53	276	115	0.002	ng	#	1

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

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Acq On : 21 Mar 2019 00:40
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Misc :
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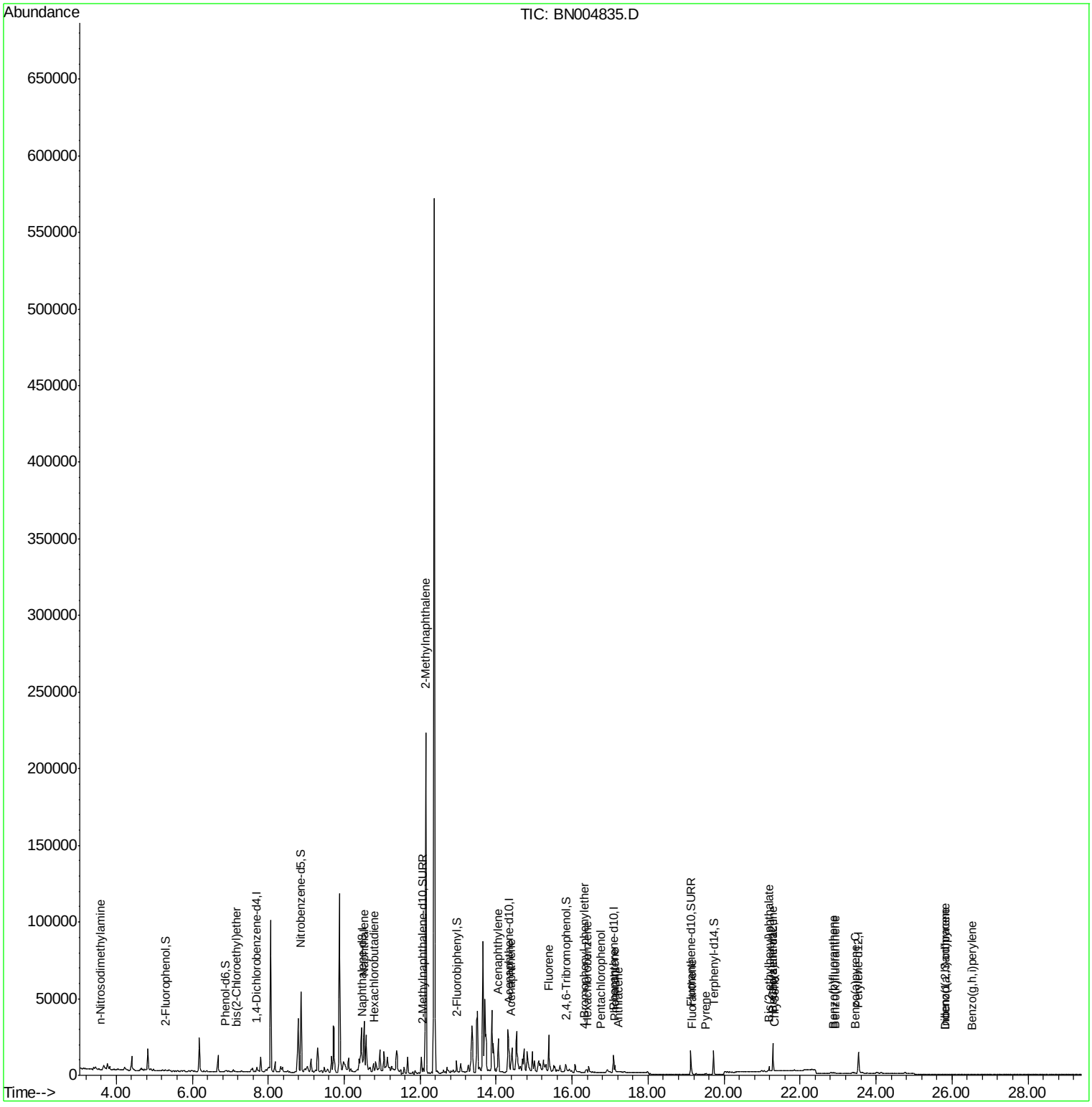
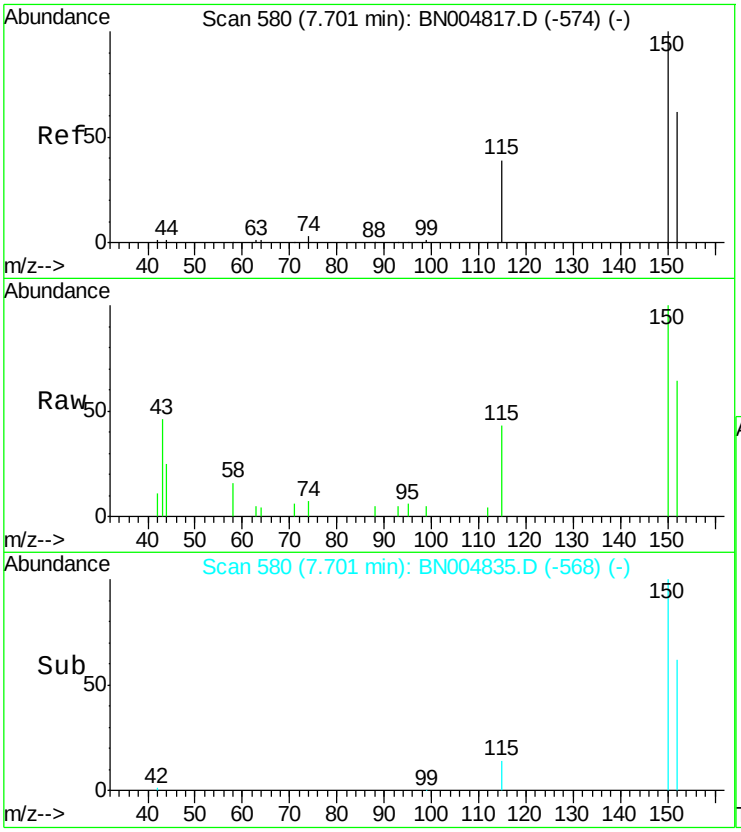
Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Quant Time: Mar 21 08:49:34 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



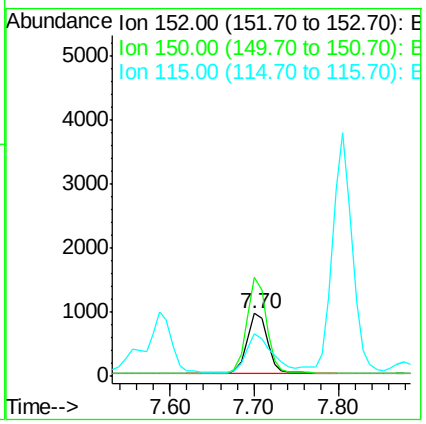


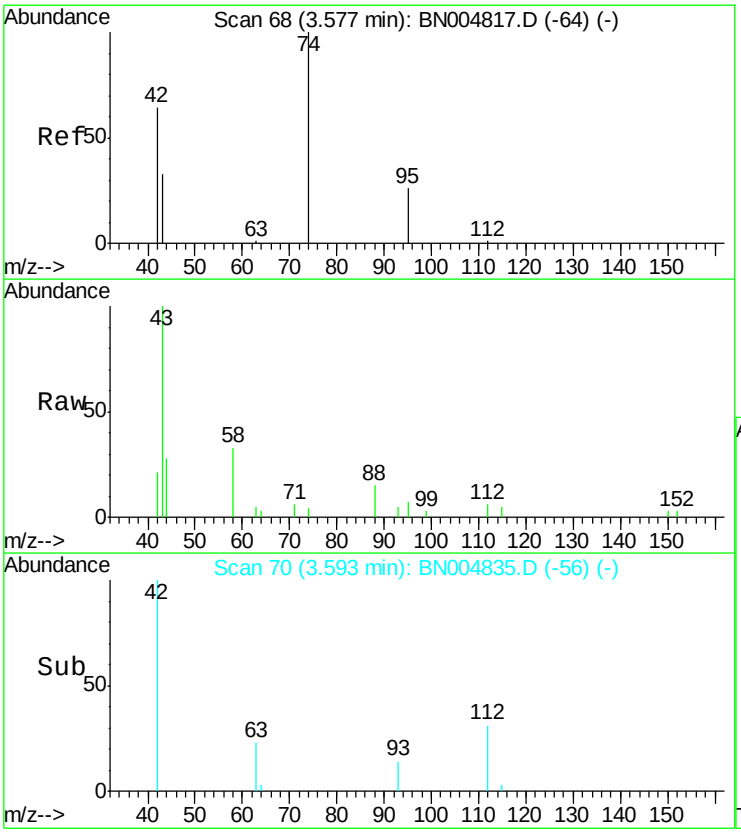
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:152 Resp: 1572

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.4
115	67.1	52.6	79.0

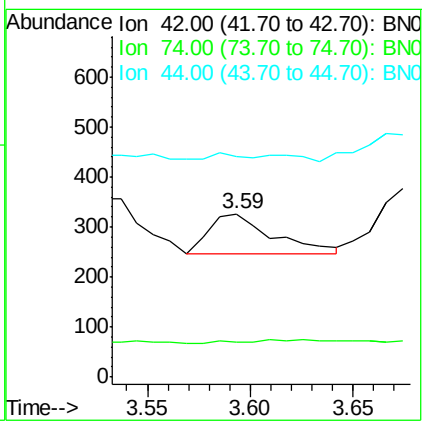


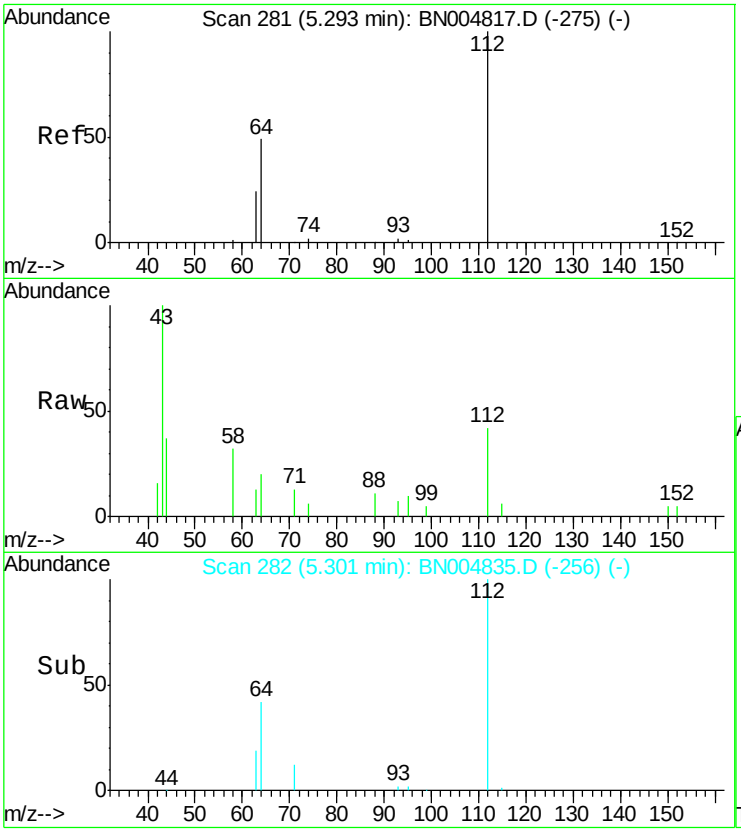


#3
n-Nitrosodimethylamine
Concen: 0.163 ng
RT: 3.59 min Scan# 70
Delta R.T. 0.02 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion: 42 Resp: 172

Ion	Ratio	Lower	Upper
42	100		
74	0.0	128.4	192.6#
44	8.1	6.1	9.1



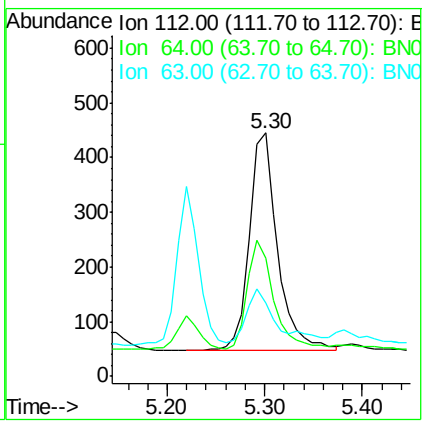


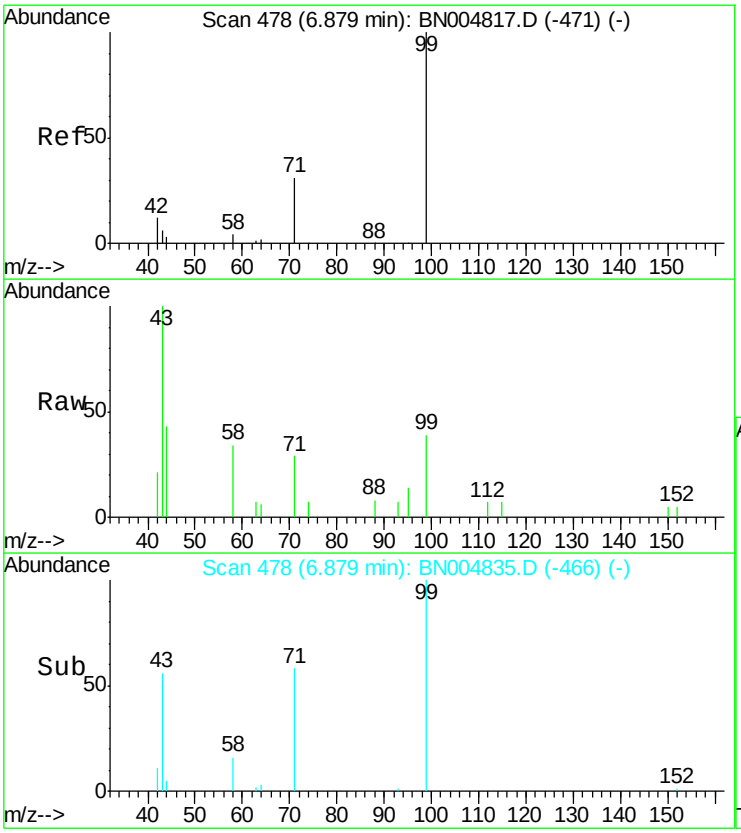
#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.30 min Scan# 282
Delta R.T. 0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:112 Resp: 792

Ion	Ratio	Lower	Upper
112	100		
64	46.5	40.0	60.0
63	27.7	20.2	30.2

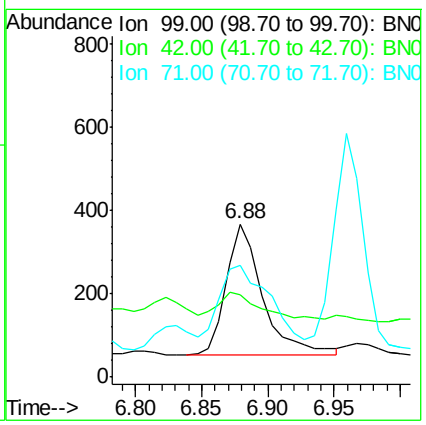


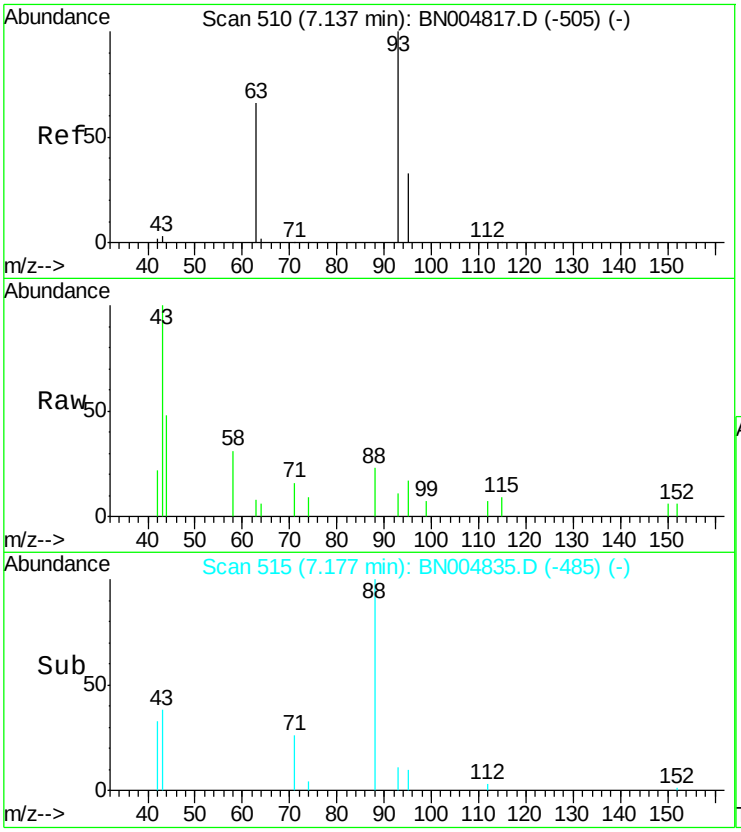


#5
Phenol-d6
Concen: 0.114 ng
RT: 6.88 min Scan# 478
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion: 99 Resp: 605

Ion	Ratio	Lower	Upper
99	100		
42	21.7	12.7	19.1#
71	87.9	26.6	40.0#



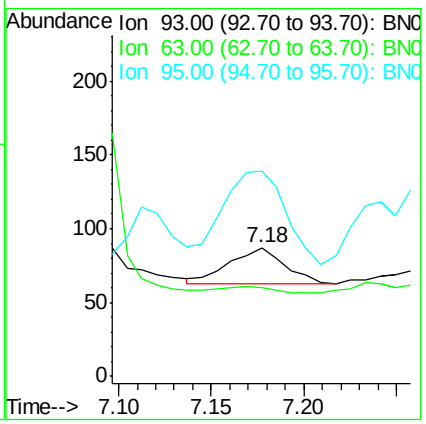


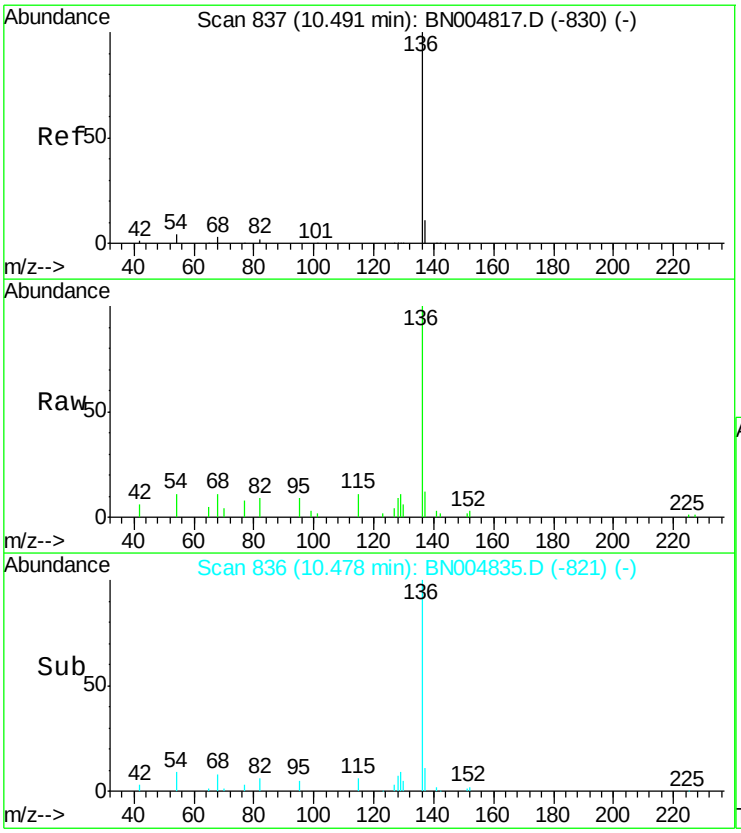
#6
bis(2-Chloroethyl)ether
Concen: 0.010 ng
RT: 7.18 min Scan# 515
Delta R.T. 0.04 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion: 93 Resp: 49

Ion	Ratio	Lower	Upper
93	100		
63	0.0	52.6	78.8#
95	306.1	25.9	38.9#

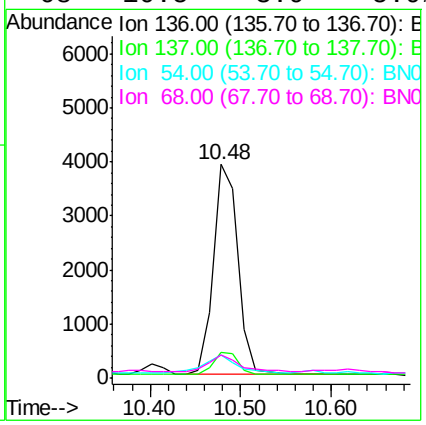


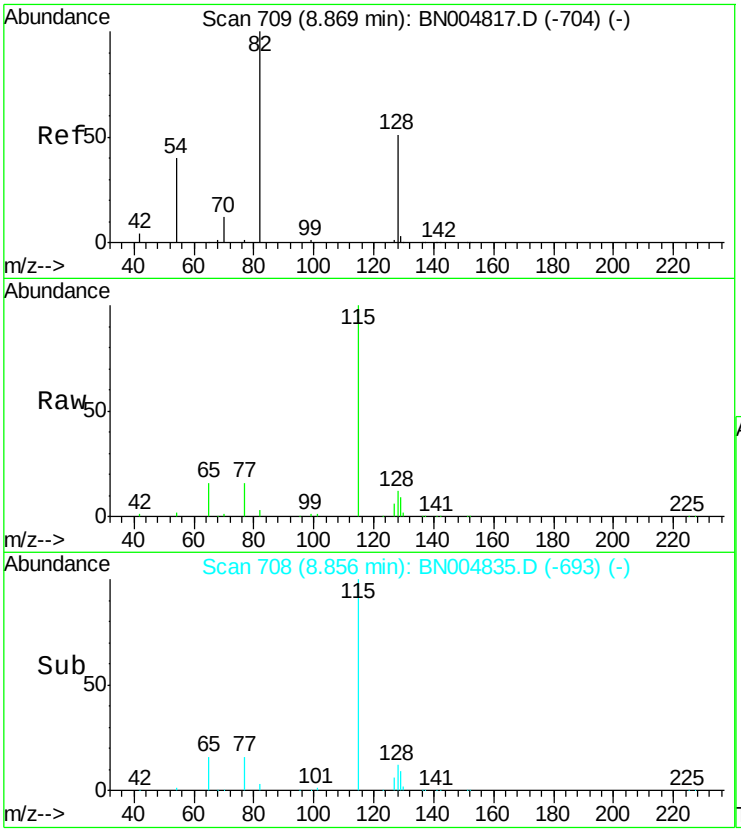


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 836
Delta R.T. -0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:136 Resp: 7277

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	10.7	4.2	6.2#
68	10.5	3.9	5.9#



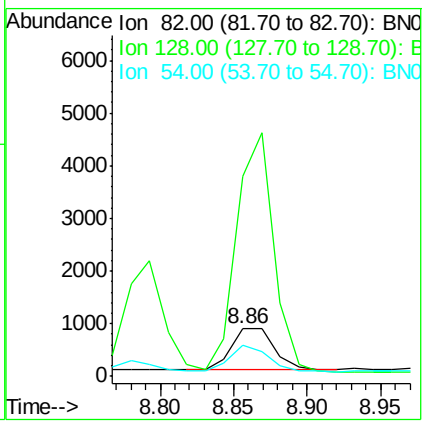


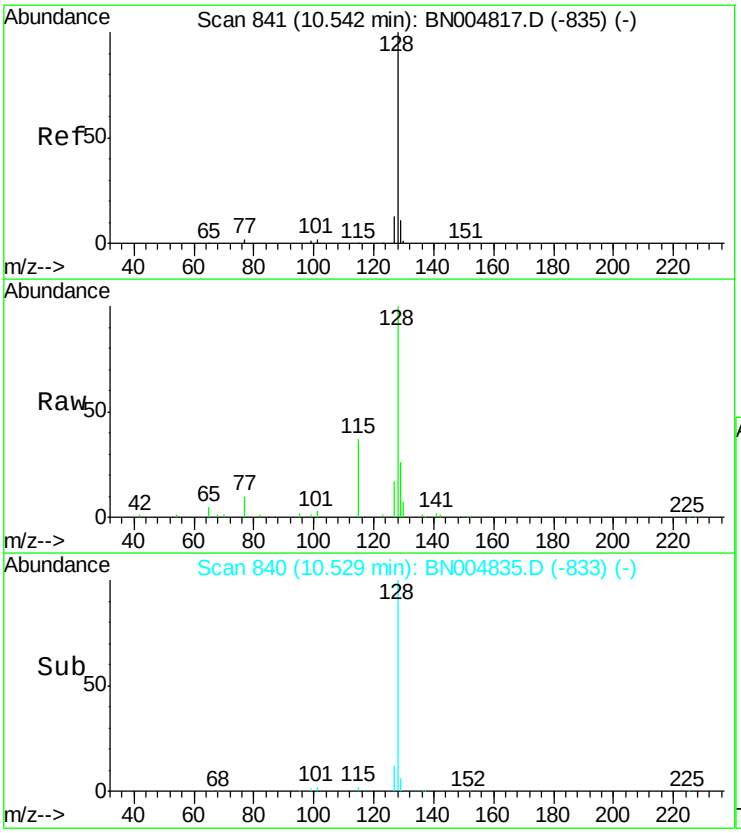
#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.86 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion: 82 Resp: 1588

Ion	Ratio	Lower	Upper
82	100		
128	419.9	43.0	64.6#
54	64.9	35.3	52.9#

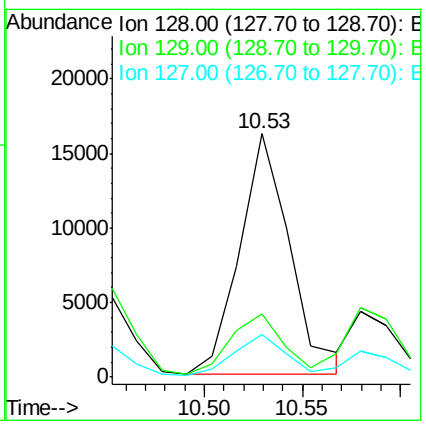


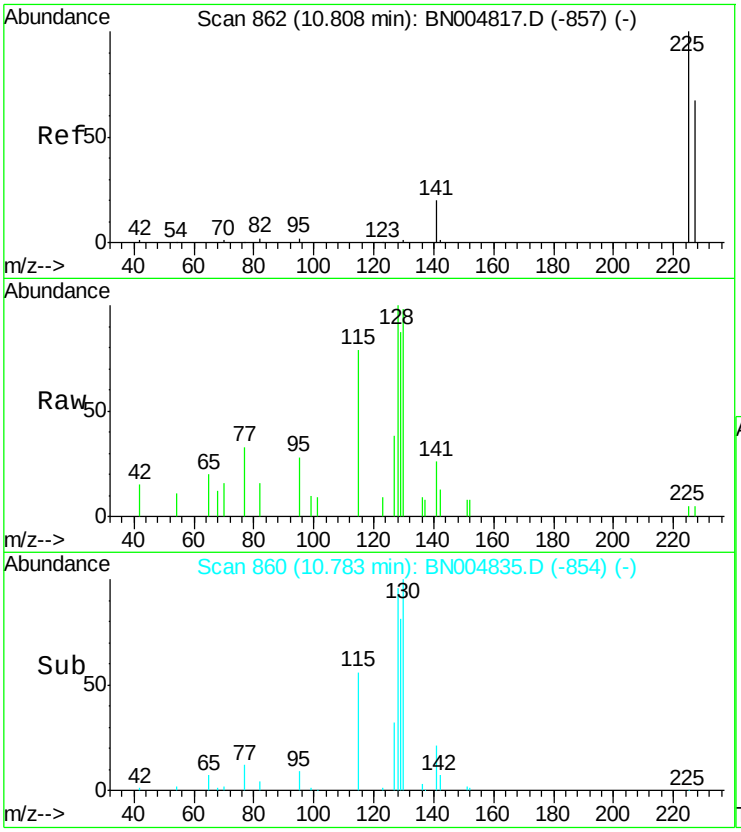


#9
Naphthalene
Concen: 1.409 ng
RT: 10.53 min Scan# 840
Delta R.T. -0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:128 Resp: 28751

Ion	Ratio	Lower	Upper
128	100		
129	25.8	9.9	14.9#
127	17.5	11.3	16.9#



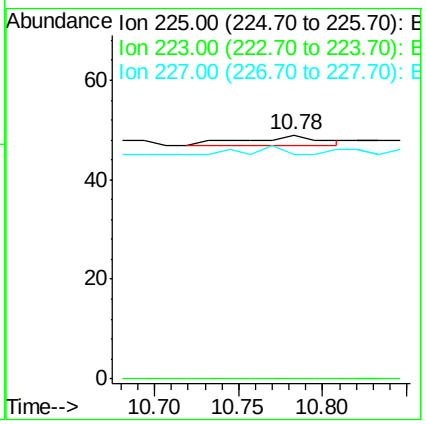


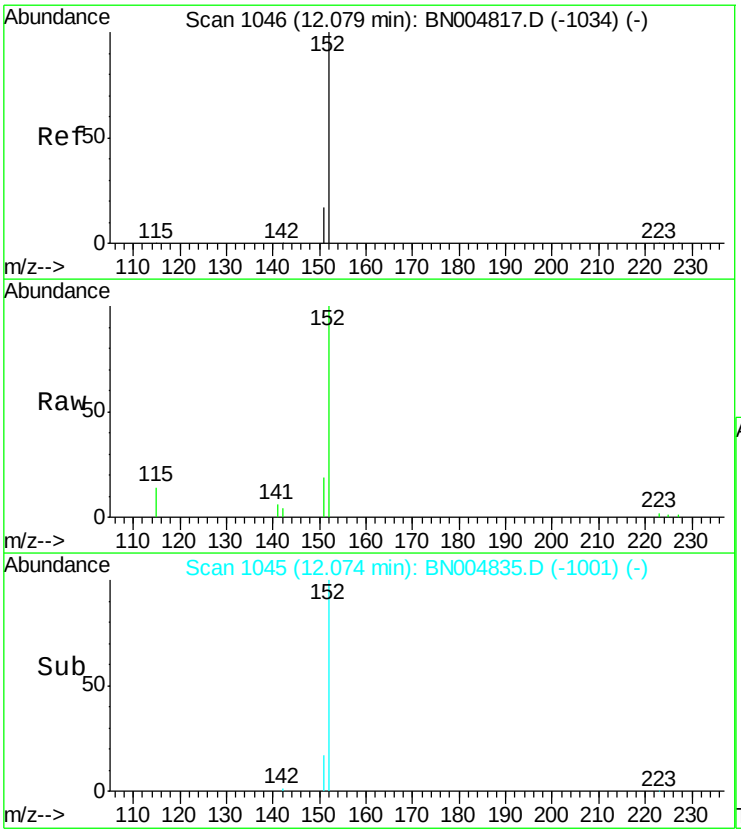
#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.78 min Scan# 860
Delta R.T. -0.03 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:225 Resp: 6

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	33.3	52.2	78.4#

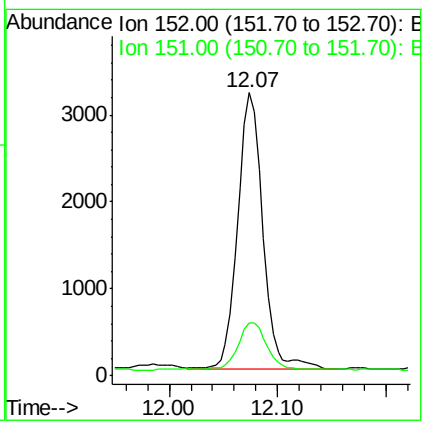


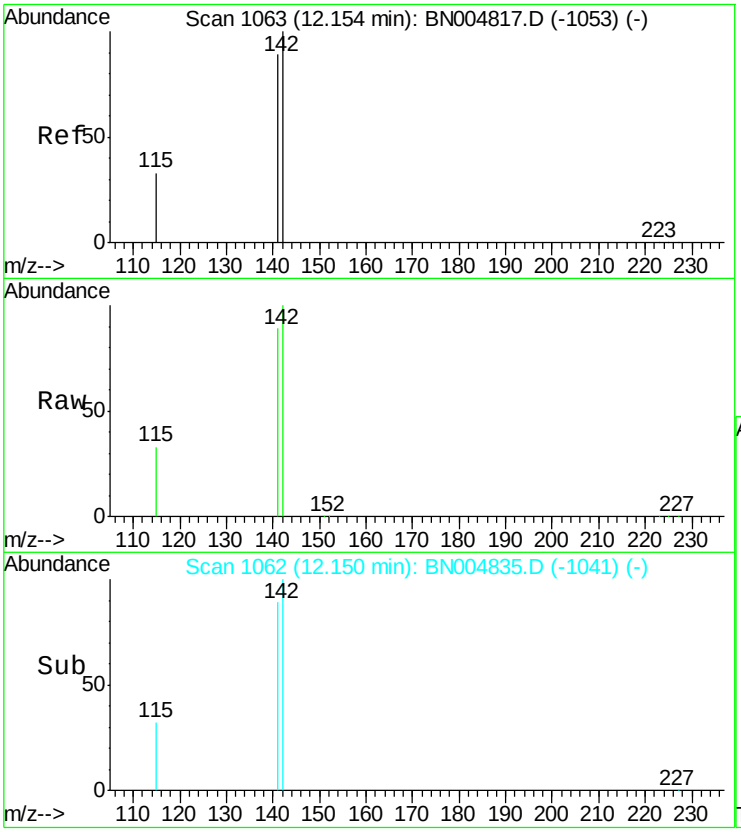


#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:152 Resp: 5158

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3



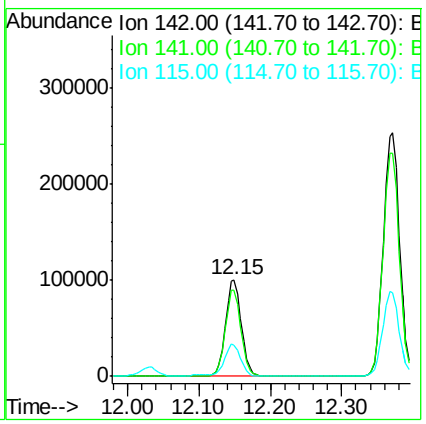


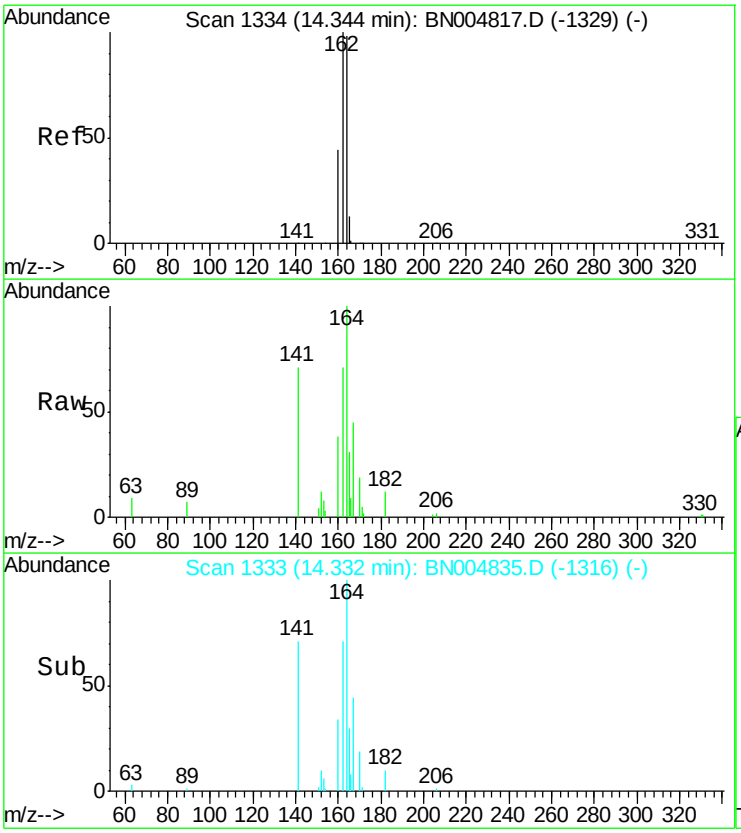
#12
2-Methylnaphthalene
Concen: 10.333 ng
RT: 12.15 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:142 Resp: 156647

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	32.8	27.5	41.3

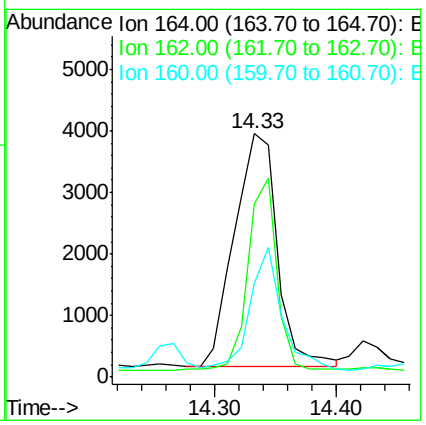


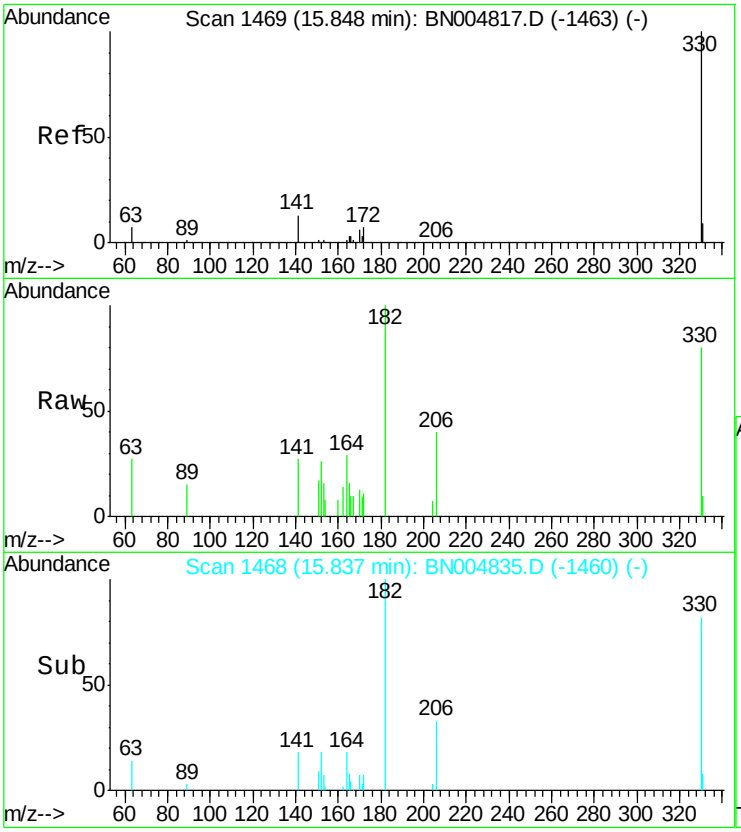


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:164 Resp: 9302

Ion	Ratio	Lower	Upper
164	100		
162	71.1	81.9	122.9#
160	38.5	36.6	54.8



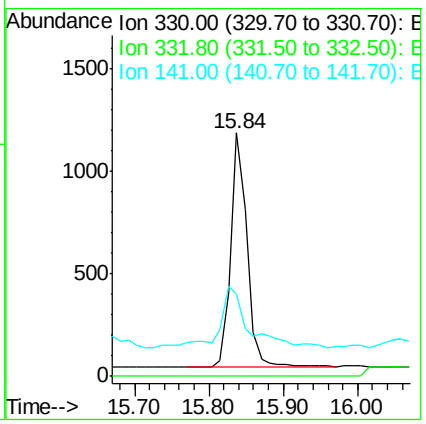


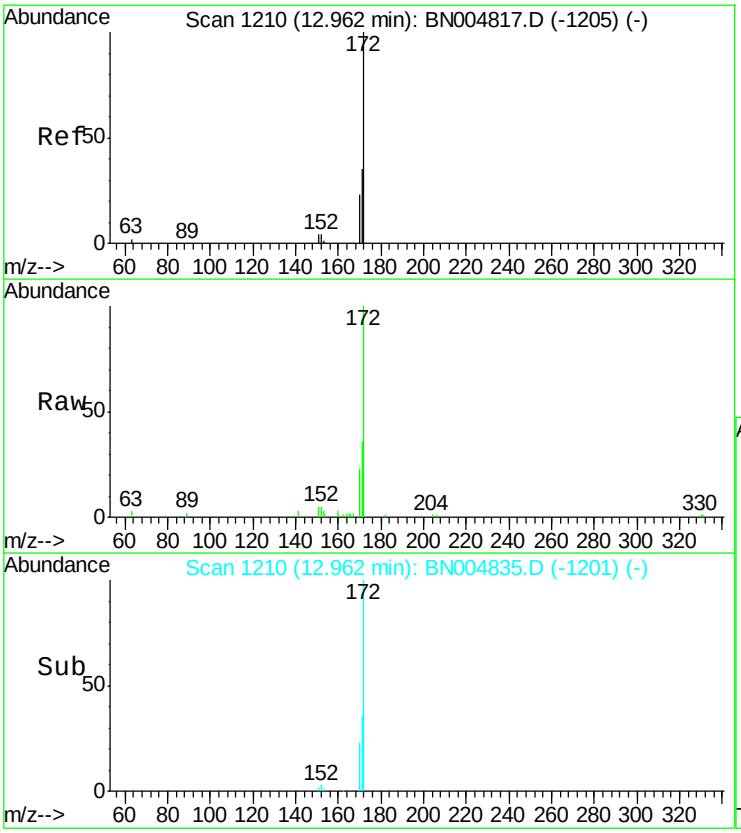
#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:330 Resp: 1725

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.4	20.9	31.3#

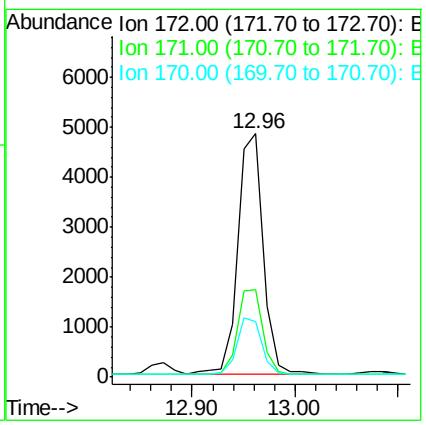


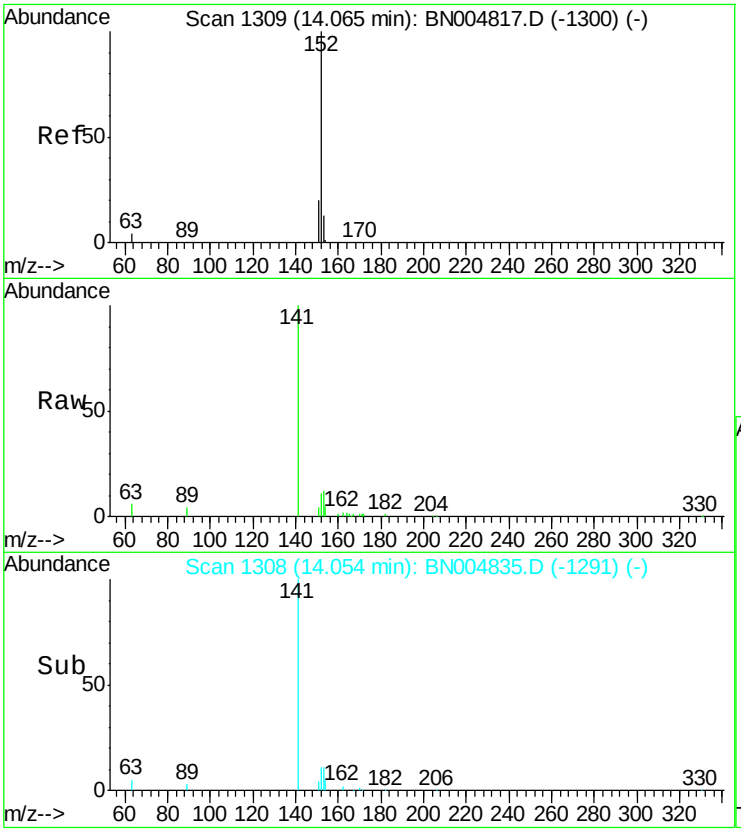


#15
2-Fluorobiphenyl
Concen: 0.212 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:172 Resp: 8132

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	22.9	18.7	28.1



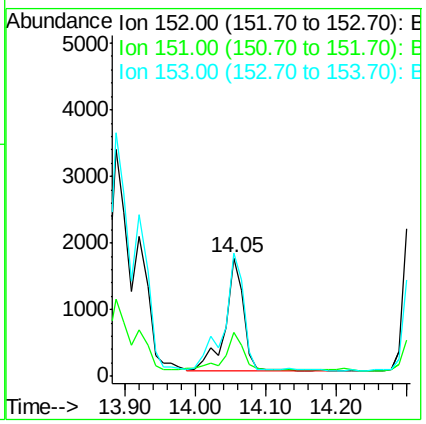


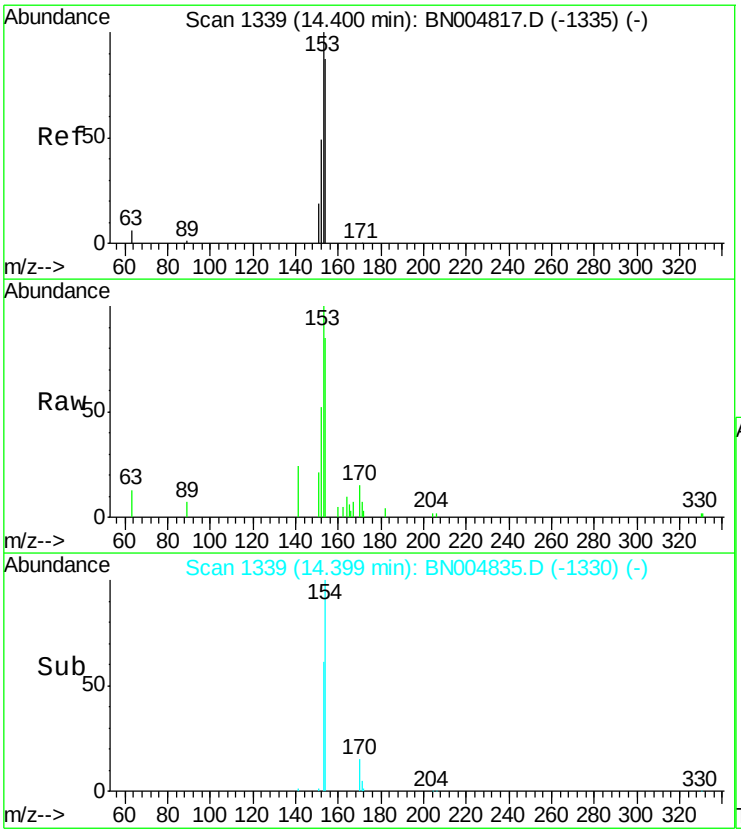
#16
Acenaphthylene
Concen: 0.065 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:152 Resp: 3119

Ion	Ratio	Lower	Upper
152	100		
151	33.5	16.1	24.1#
153	108.7	10.5	15.7#

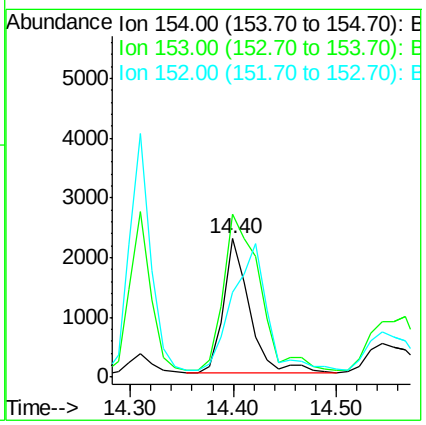


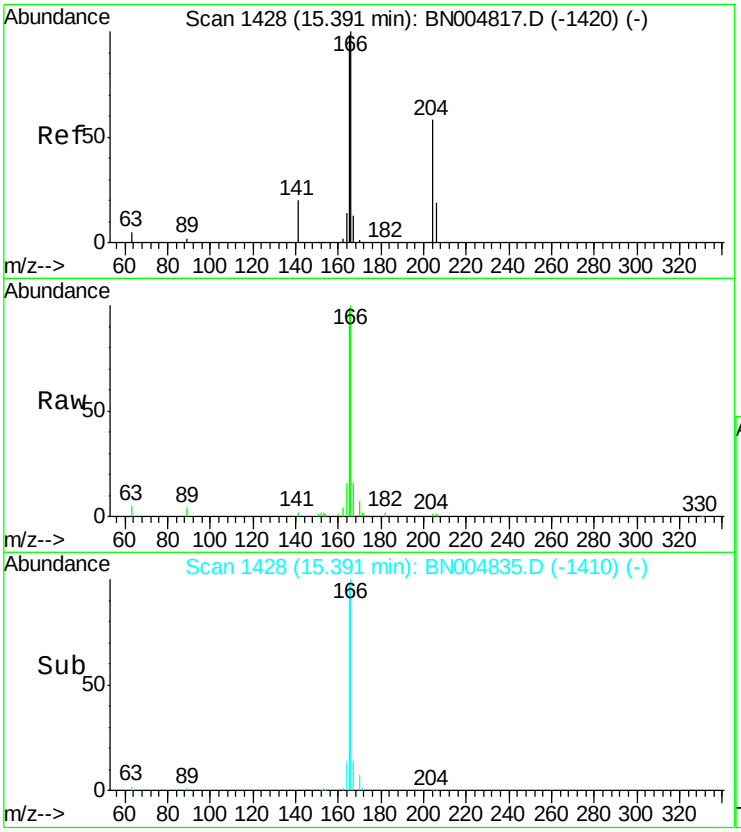


#17
Acenaphthene
Concen: 0.124 ng
RT: 14.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:154 Resp: 3906

Ion	Ratio	Lower	Upper
154	100		
153	161.8	91.4	137.2#
152	0.0	44.2	66.2#



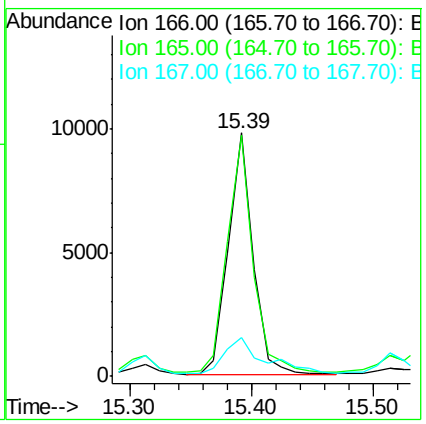


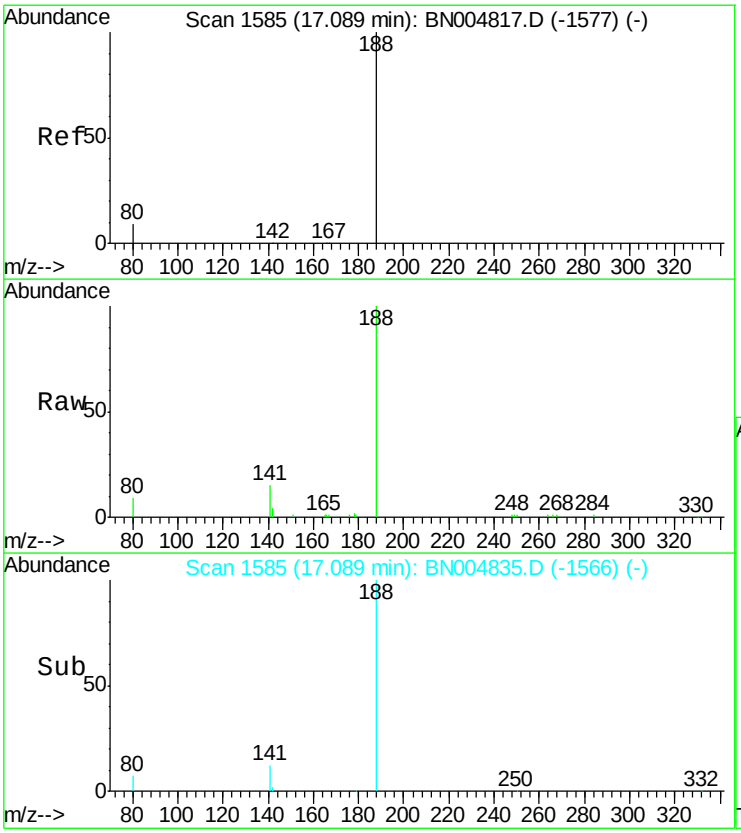
#18
Fluorene
Concen: 0.312 ng
RT: 15.39 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:166 Resp: 13655

Ion	Ratio	Lower	Upper
166	100		
165	102.3	78.2	117.4
167	23.9	11.0	16.4#

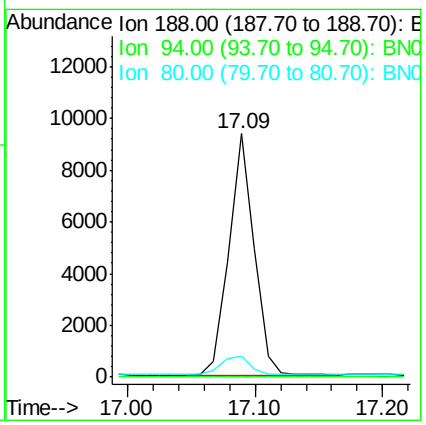


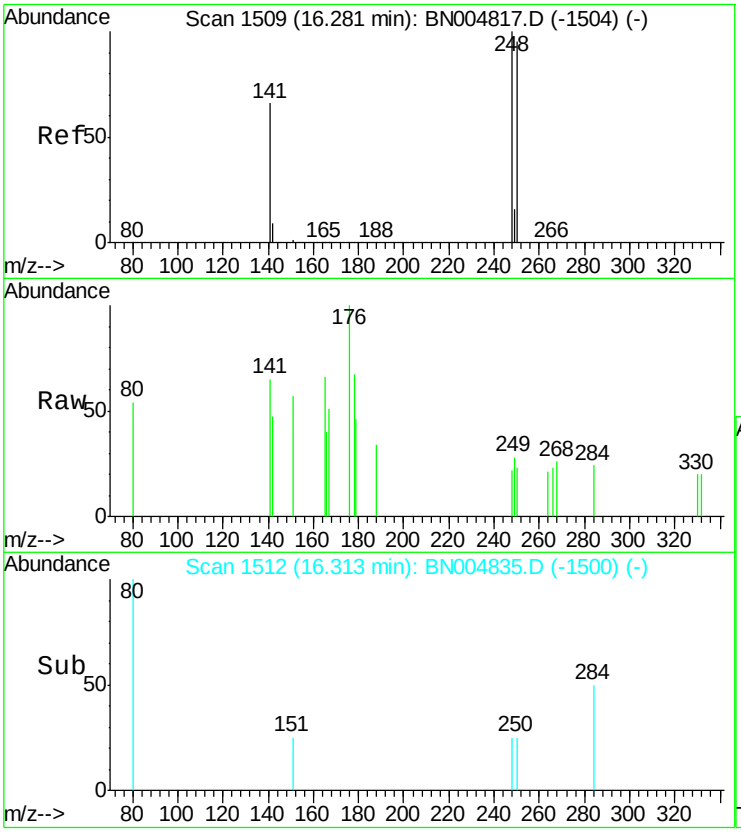


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:188 Resp: 12746

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	7.4	11.2



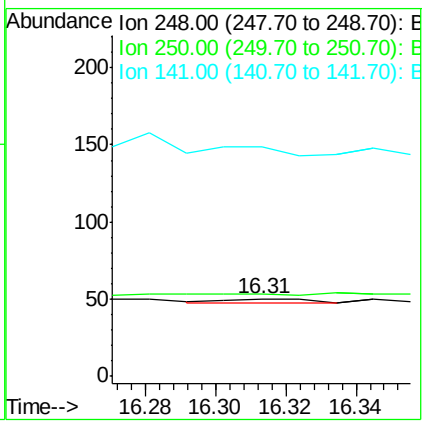


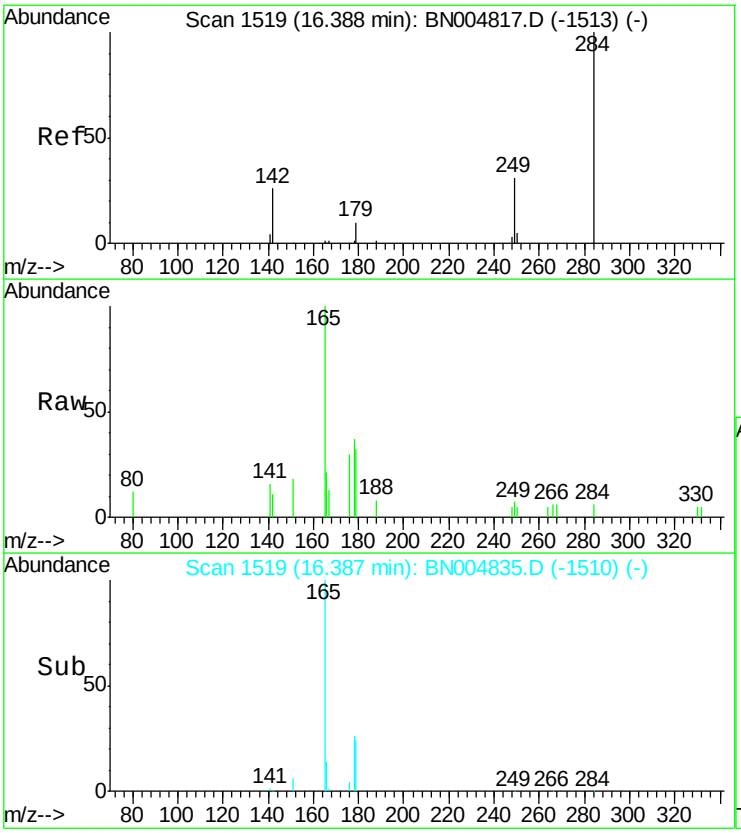
#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.31 min Scan# 1512
Delta R.T. 0.03 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:248 Resp: 5

Ion	Ratio	Lower	Upper
248	100		
250	106.0	76.2	114.4
141	298.0	53.9	80.9#

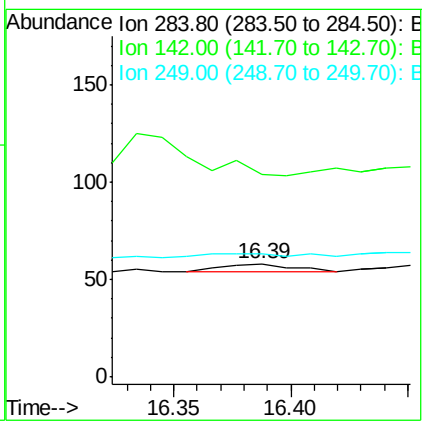


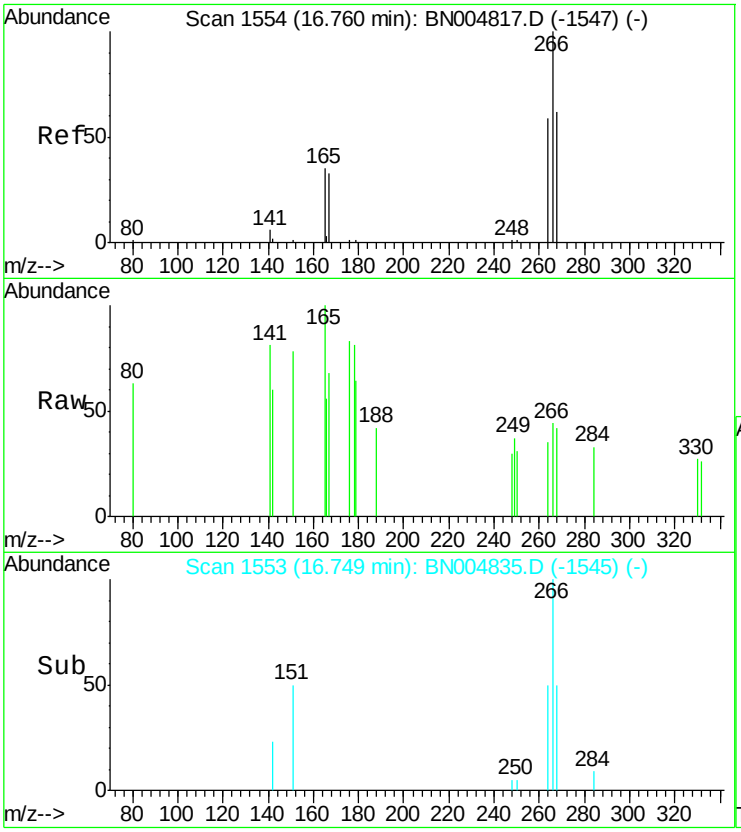


#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.39 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:284 Resp: 8

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



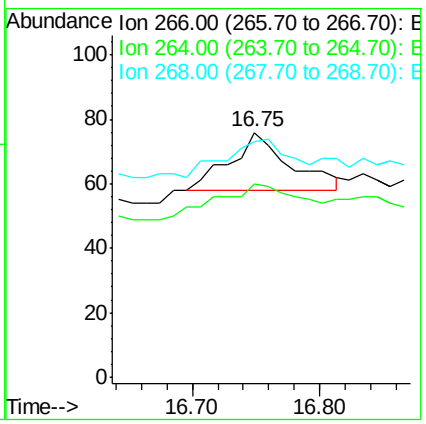


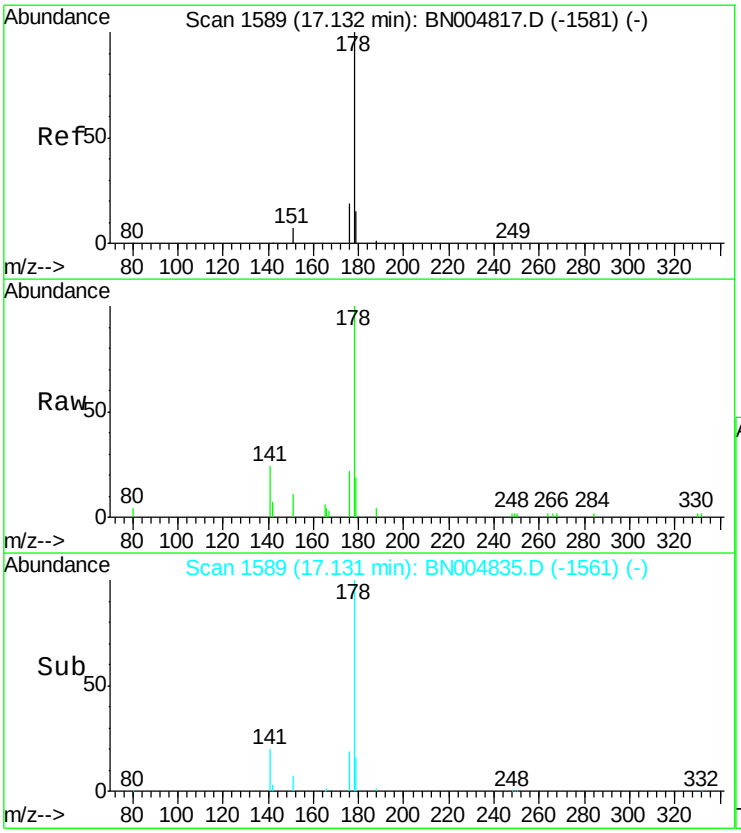
#22
Pentachlorophenol
Concen: 0.032 ng
RT: 16.75 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:266 Resp: 59

Ion	Ratio	Lower	Upper
266	100		
264	78.9	53.1	79.7
268	96.1	57.7	86.5#

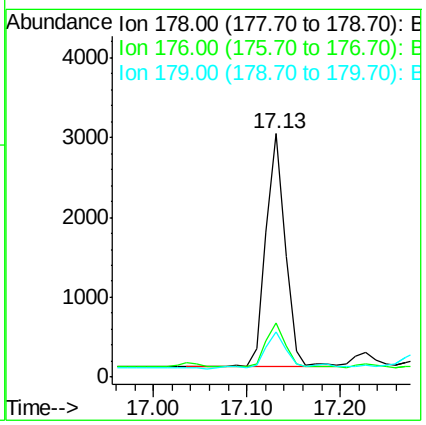


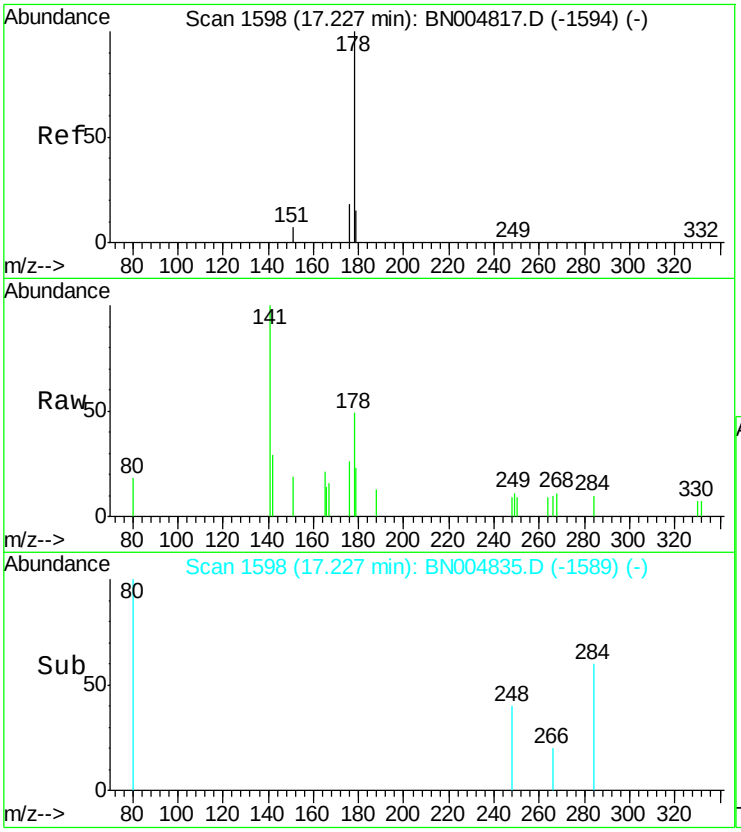


#23
Phenanthrene
Concen: 0.103 ng
RT: 17.13 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:178 Resp: 4229

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	17.6	12.1	18.1



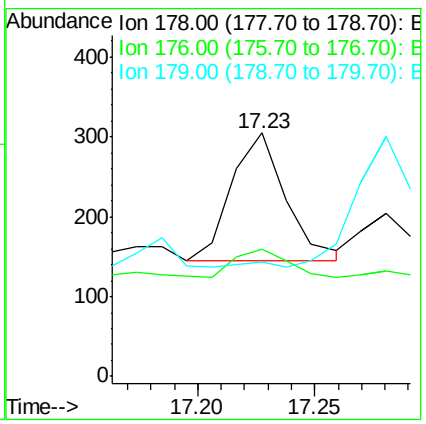


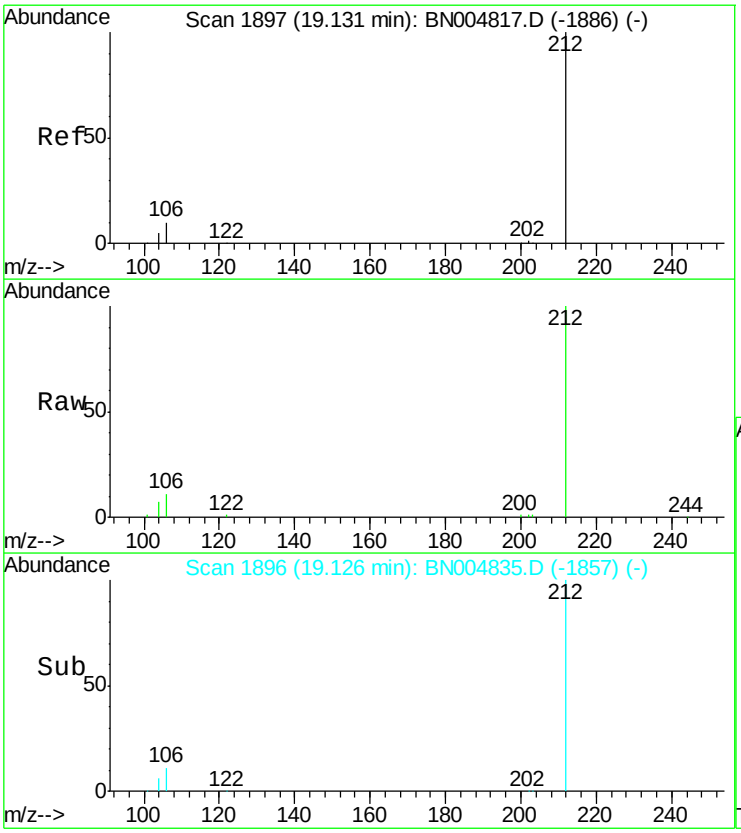
#24
Anthracene
Concen: 0.007 ng
RT: 17.23 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:178 Resp: 258

Ion	Ratio	Lower	Upper
178	100		
176	21.3	14.5	21.7
179	0.0	12.2	18.4#

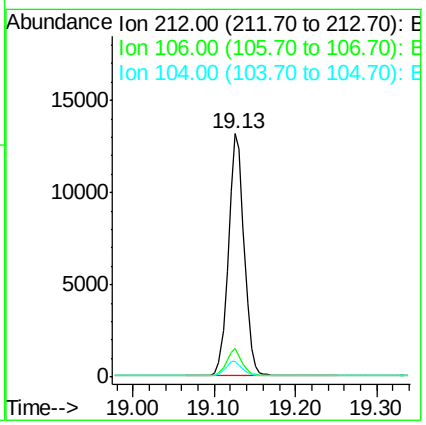


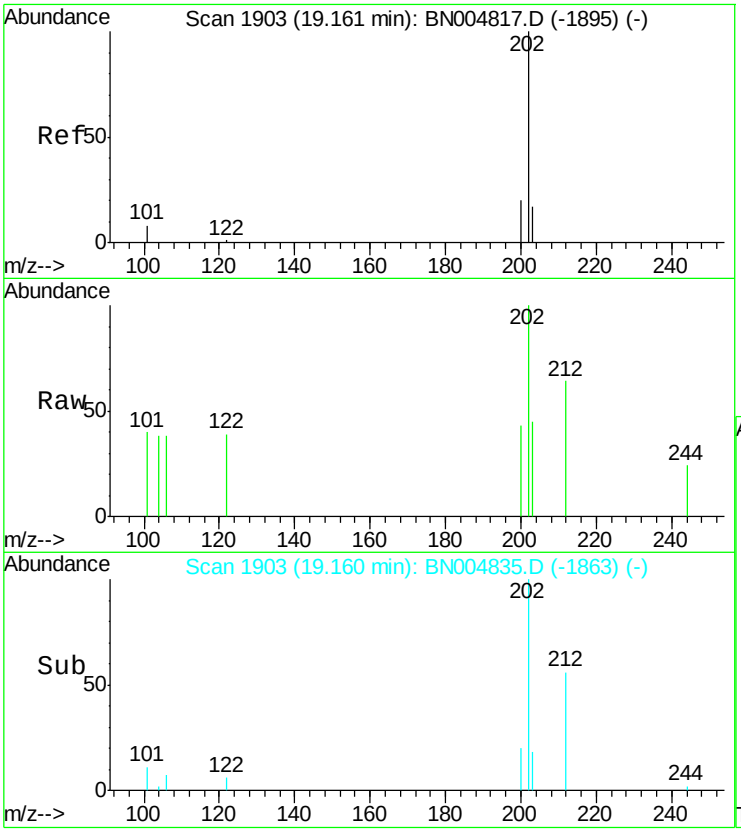


#25
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.13 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:212 Resp: 17623

Ion	Ratio	Lower	Upper
212	100		
106	10.6	8.6	13.0
104	5.8	4.7	7.1



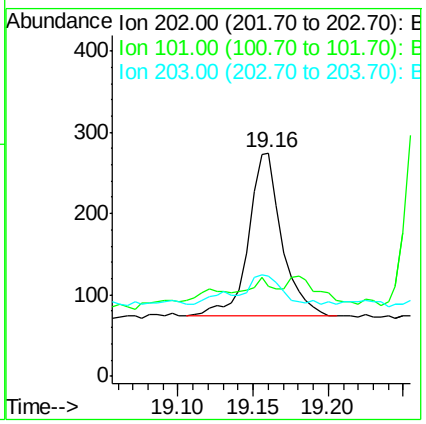


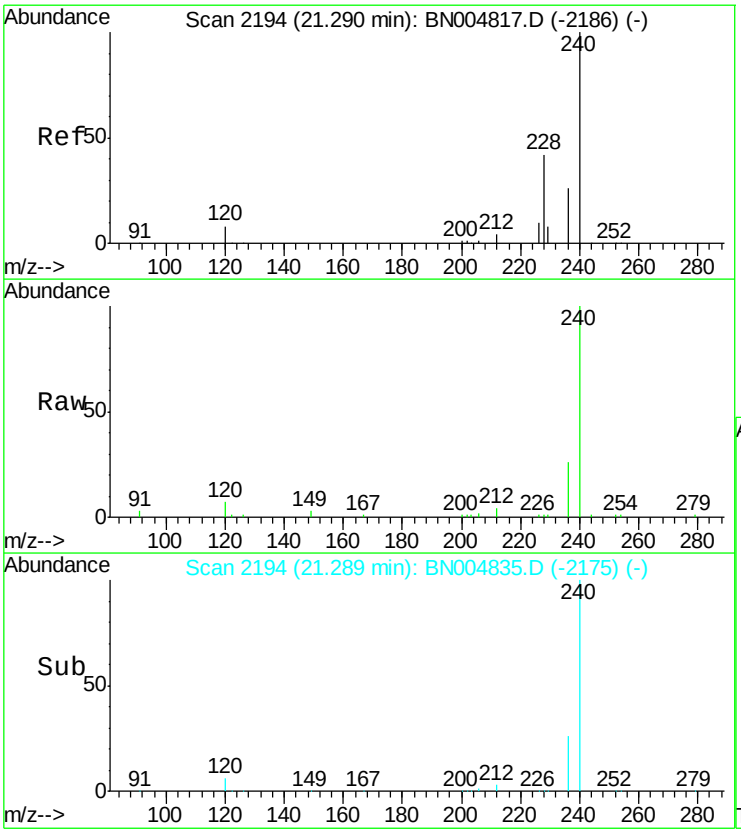
#26
Fluoranthene
Concen: 0.006 ng
RT: 19.16 min Scan# 1903
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:202 Resp: 311

Ion	Ratio	Lower	Upper
202	100		
101	8.0	7.5	11.3
203	16.4	13.8	20.6

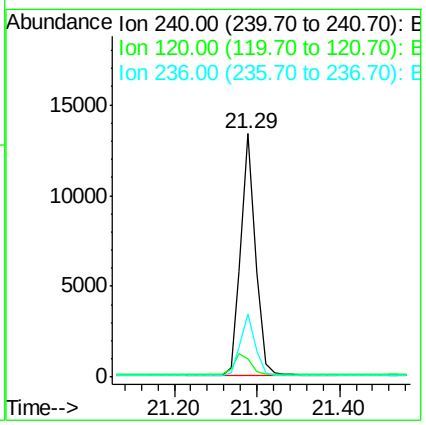


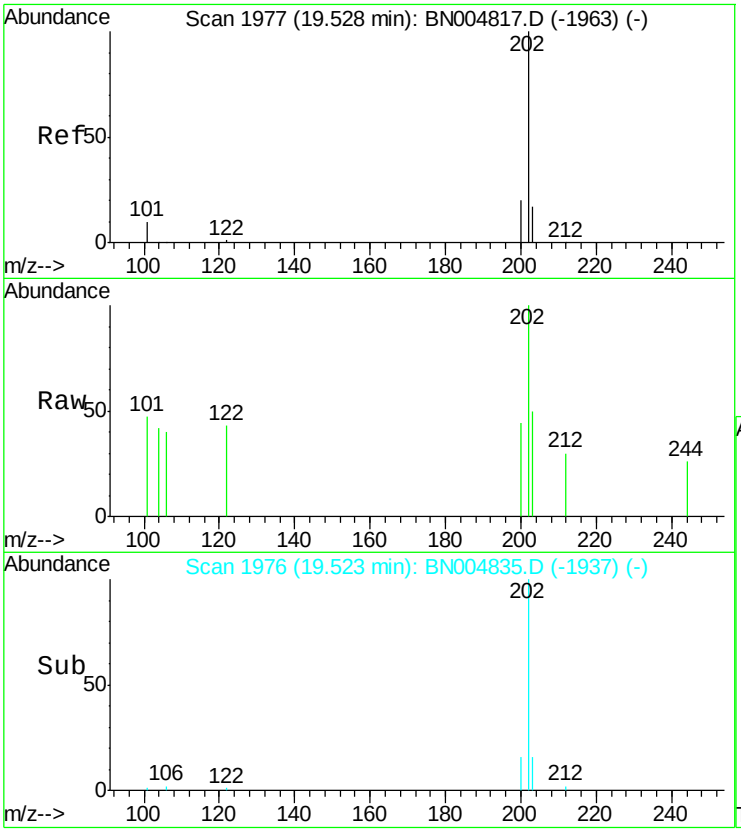


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:240 Resp: 16730

Ion	Ratio	Lower	Upper
240	100		
120	7.4	7.2	10.8
236	25.9	20.9	31.3



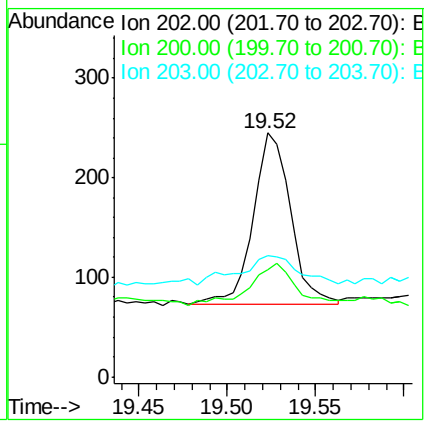


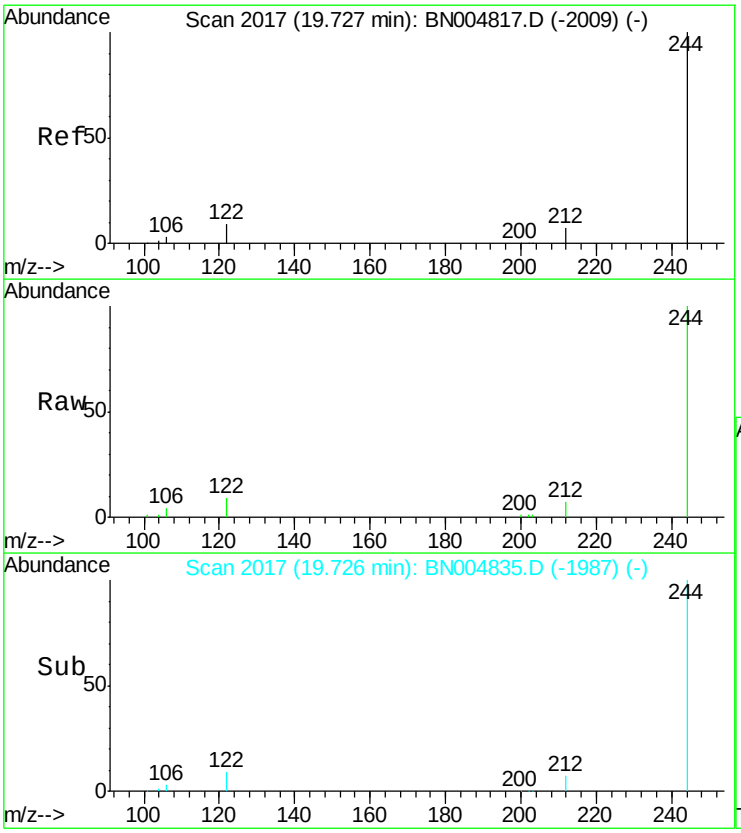
#28
Pyrene
Concen: 0.005 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:202 Resp: 252

Ion	Ratio	Lower	Upper
202	100		
200	29.4	16.3	24.5#
203	24.6	14.0	21.0#

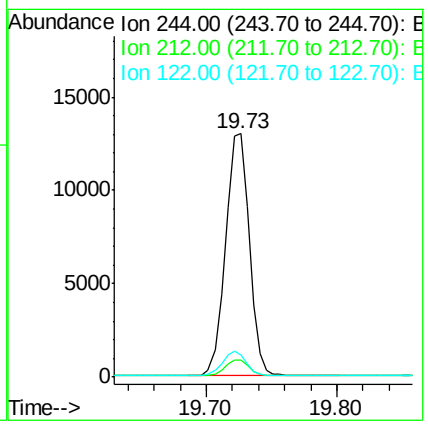


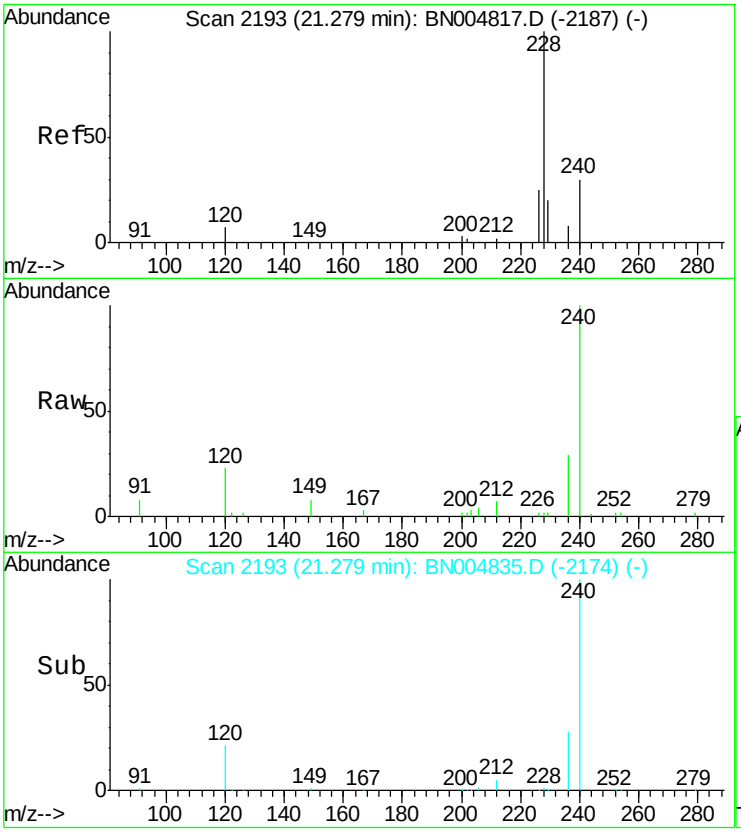


#29
Terphenyl-d14
Concen: 0.484 ng
RT: 19.73 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:244 Resp: 16568

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.2	7.9	11.9



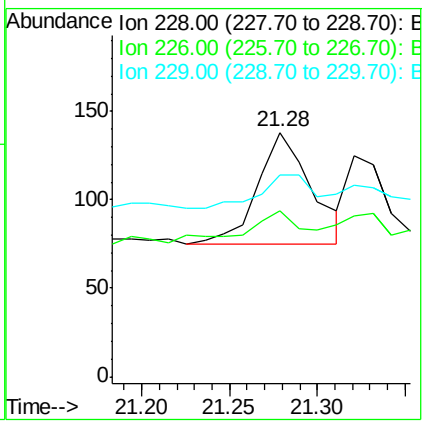


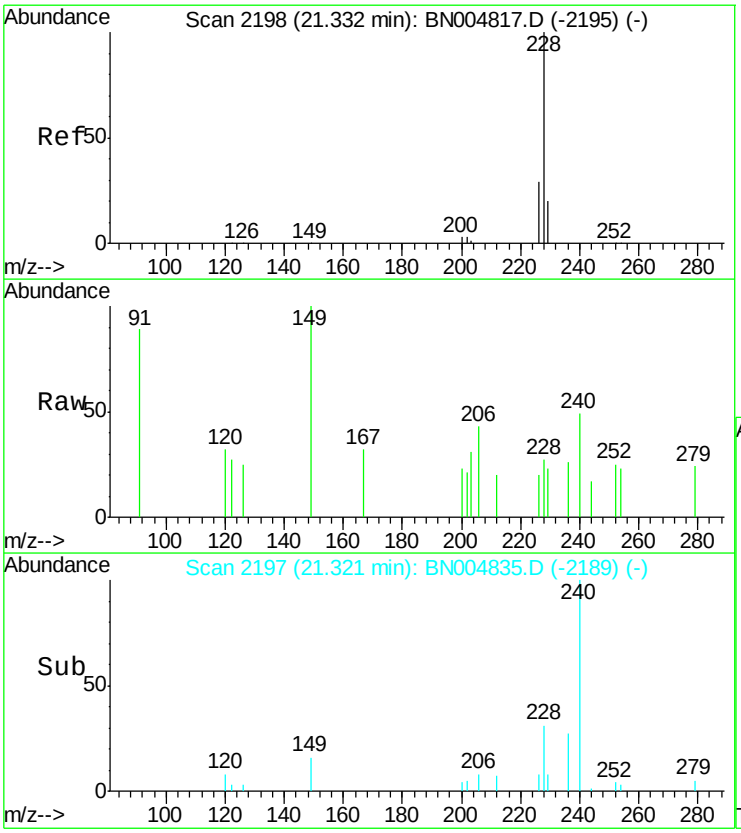
#30
Benzo(a)anthracene
Concen: 0.002 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:228 Resp: 134

Ion	Ratio	Lower	Upper
228	100		
226	68.1	20.6	31.0#
229	82.6	16.2	24.4#

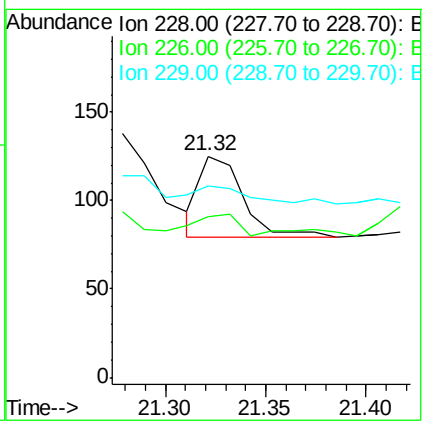


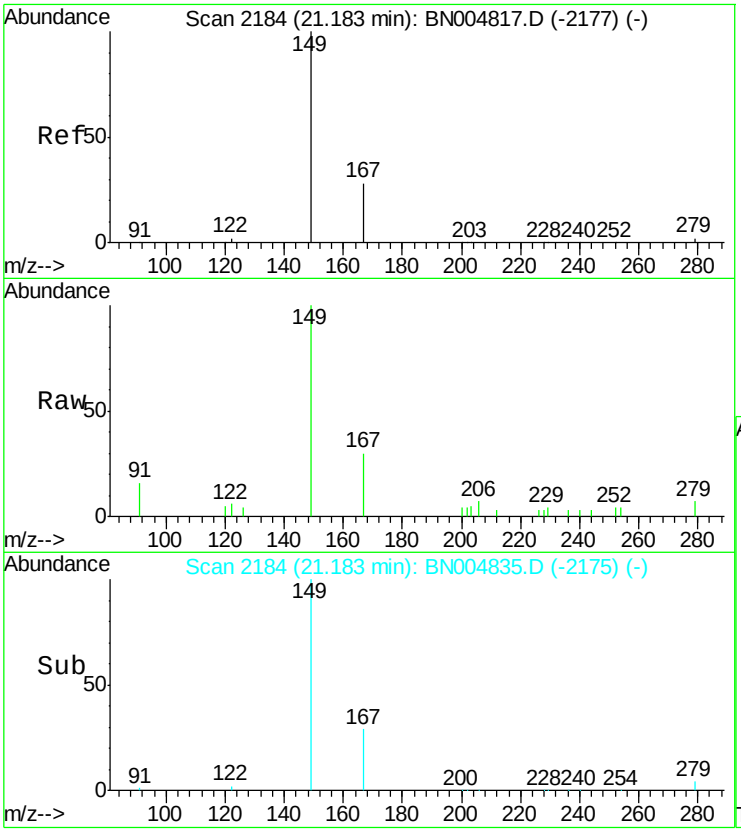


#31
Chrysene
Concen: 0.001 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:228 Resp: 69

Ion	Ratio	Lower	Upper
228	100		
226	72.8	23.0	34.6#
229	86.4	16.2	24.2#



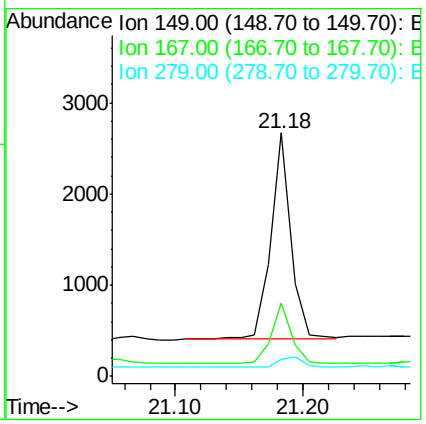


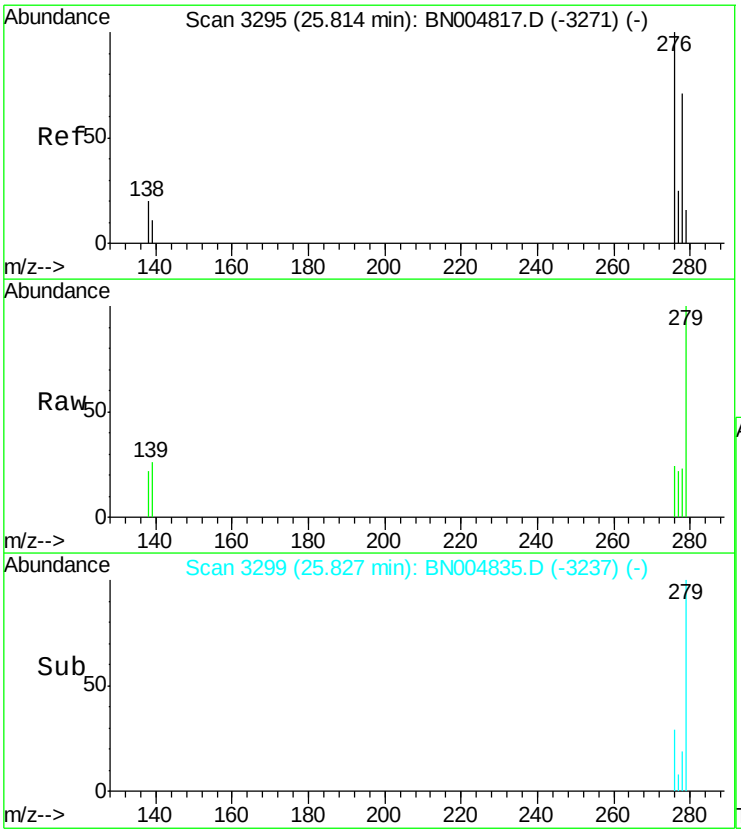
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.113 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:149 Resp: 2478

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.0	34.4
279	7.0	4.6	6.8#

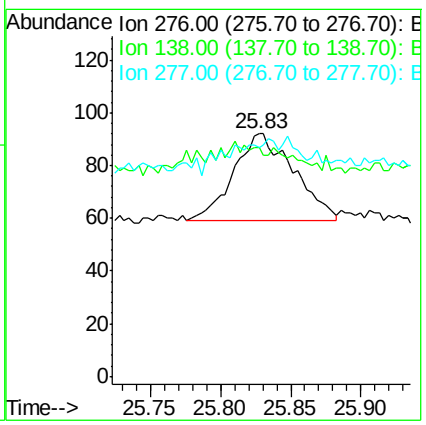


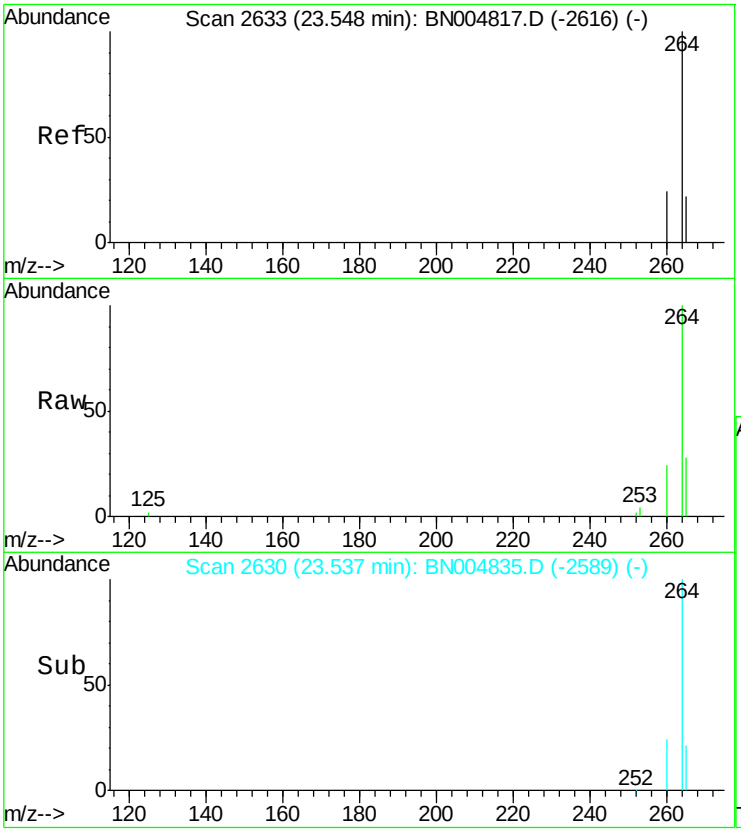


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 25.83 min Scan# 3299
Delta R.T. 0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:276 Resp: 100

Ion	Ratio	Lower	Upper
276	100		
138	6.0	16.6	24.8#
277	16.0	20.3	30.5#



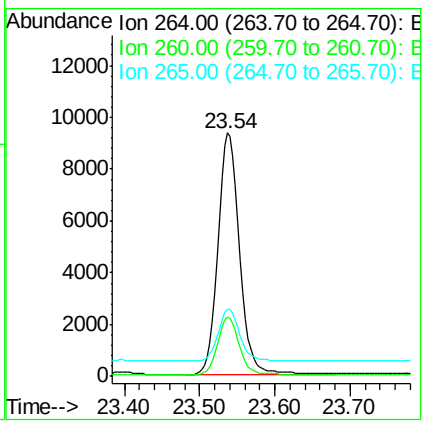


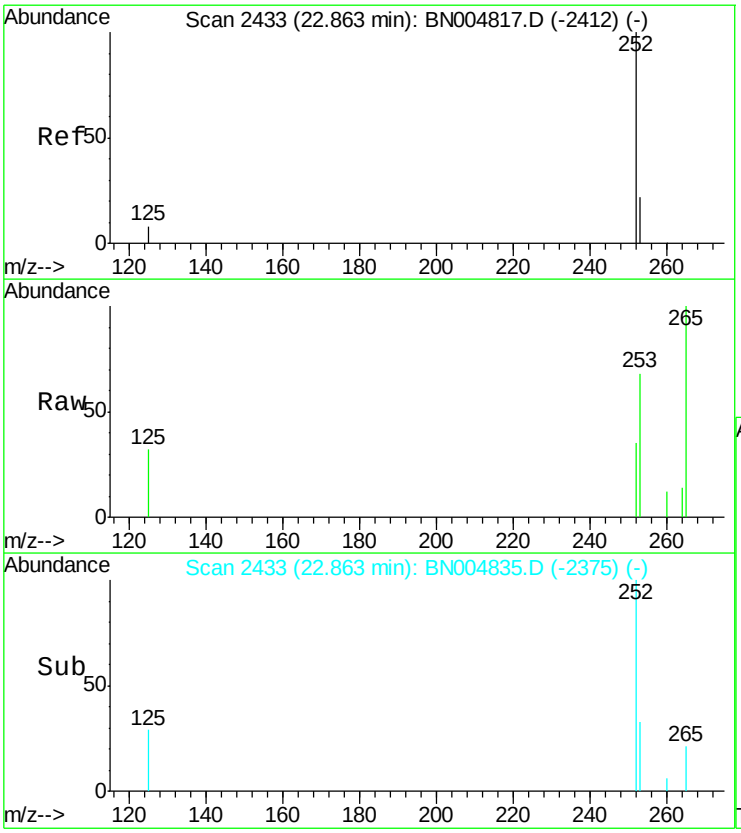
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:264 Resp: 18501

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	27.6	23.1	34.7

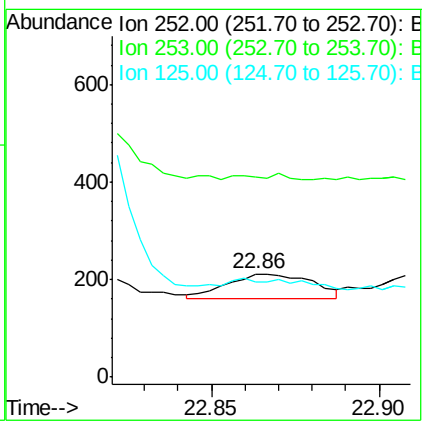


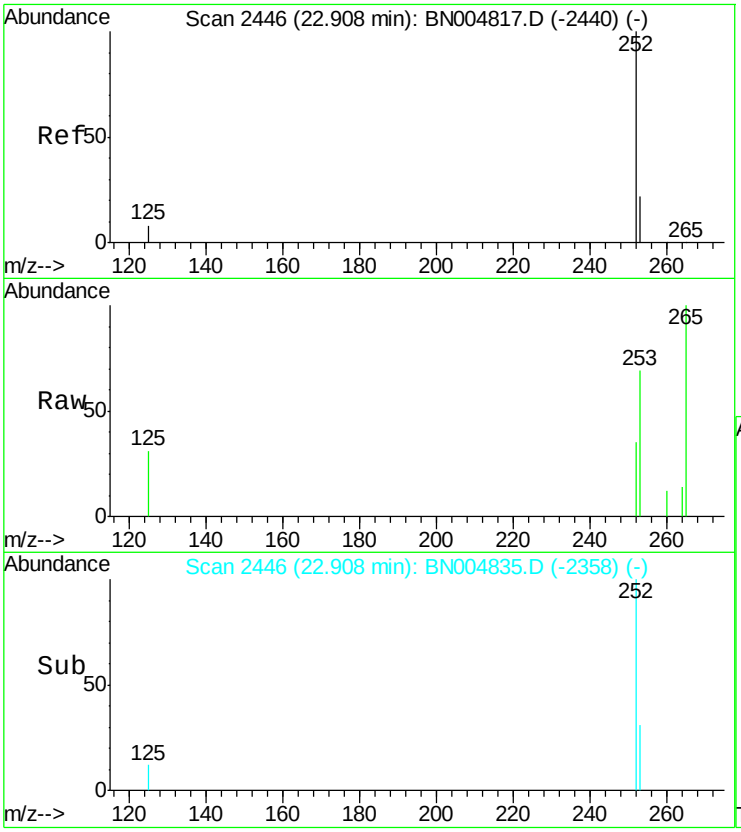


#35
Benzo(b)fluoranthene
Concen: 0.001 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:252 Resp: 91

Ion	Ratio	Lower	Upper
252	100		
253	194.3	19.0	28.4#
125	92.4	7.4	11.2#



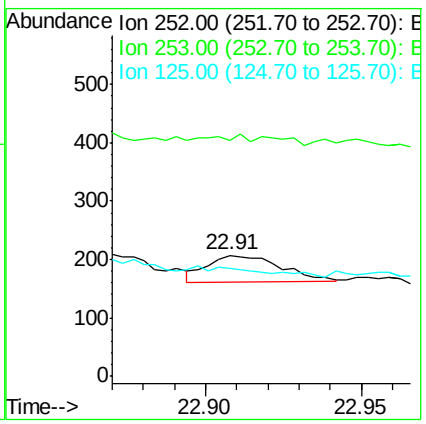


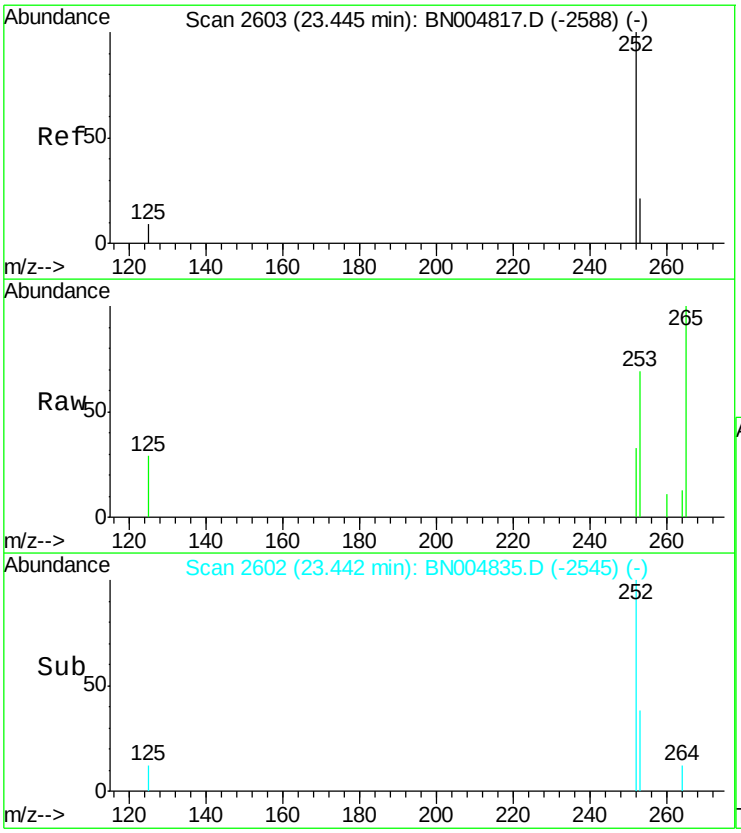
#36
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 22.91 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:252 Resp: 76

Ion	Ratio	Lower	Upper
252	100		
253	195.7	19.3	28.9#
125	88.9	7.4	11.0#

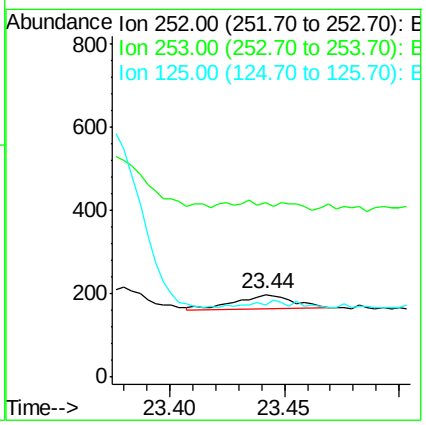


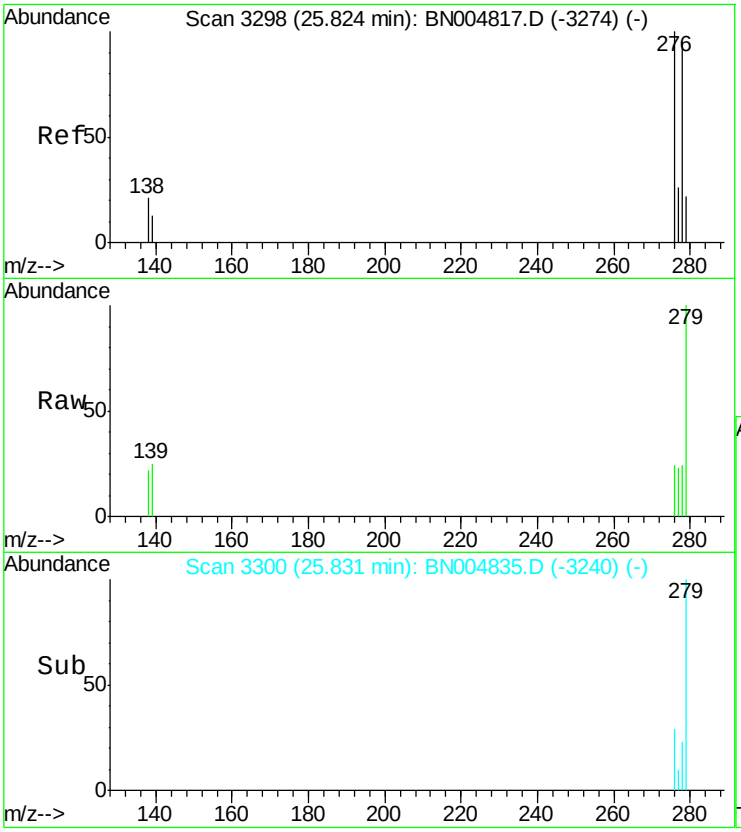


#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.44 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:252 Resp: 61

Ion	Ratio	Lower	Upper
252	100		
253	211.1	19.7	29.5#
125	87.9	8.3	12.5#



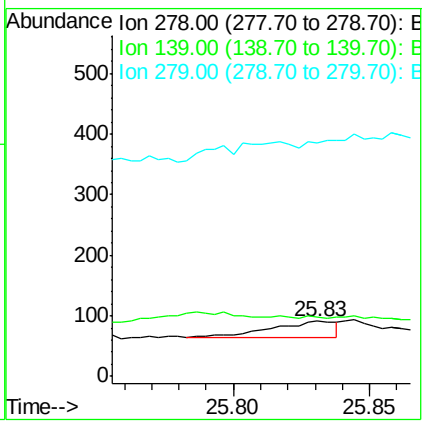


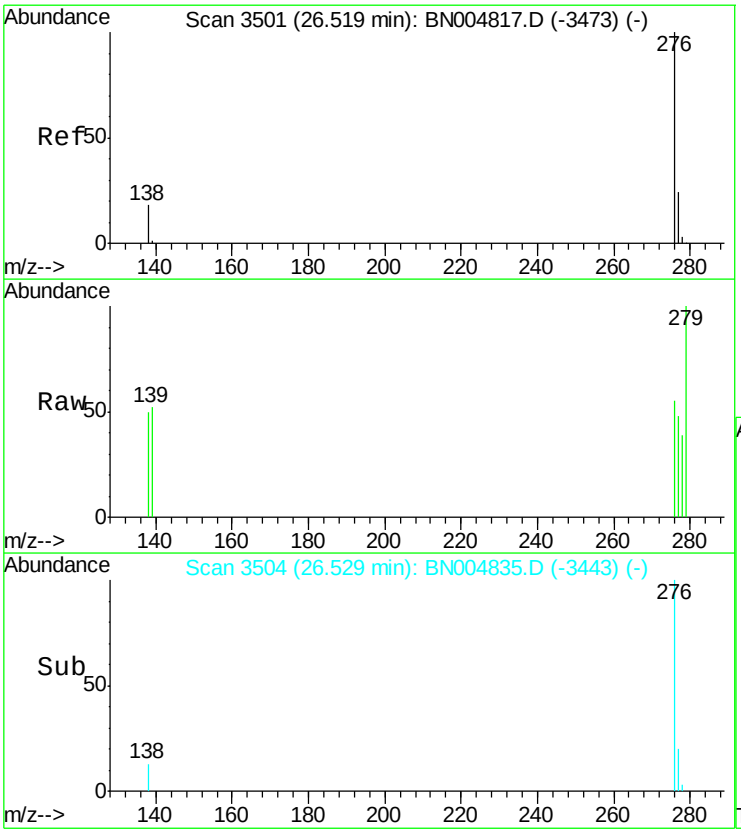
#38
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 25.83 min Scan# 3300
Delta R.T. 0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Instrument :
BNA_N
ClientSampleId :
PR-MW-02_030819

Tgt Ion:278 Resp: 43

Ion	Ratio	Lower	Upper
278	100		
139	107.7	11.7	17.5#
279	424.2	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.002 ng
RT: 26.53 min Scan# 3504
Delta R.T. 0.01 min
Lab File: BN004835.D
Acq: 21 Mar 2019 00:40

Tgt Ion:276 Resp: 115

Ion	Ratio	Lower	Upper
276	100		
277	86.5	19.7	29.5#
138	89.9	14.6	22.0#