Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
Data File : BN004815.D
Acq On : 20 Mar 2019 11:08
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Mar 20 15:59:52 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 13:44:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1756	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	7420	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	4744	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	12538	0.40	ng		0.00
27) Chrysene-d12	21.29	240	16702	0.40	ng		0.00
34) Perylene-d12	23.55	264	18686	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	519	0.09	ng		0.00
5) Phenol-d6	6.88	99	644	0.09	ng		0.00
8) Nitrobenzene-d5	8.87	82	528	0.11	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	1298	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	331	0.12	ng		0.00
15) 2-Fluorobiphenyl	12.96	172	2070	0.11	ng		0.00
25) Fluoranthene-d10	19.13	212	4234	0.11	ng		0.00
29) Terphenyl-d14	19.73	244	3658	0.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	234	0.151	ng		95
6) bis(2-Chloroethyl)ether	7.14	93	556	0.106	ng		97
9) Naphthalene	10.54	128	2197	0.119	ng	#	93
10) Hexachlorobutadiene	10.81	225	436	0.139	ng	#	97
12) 2-Methylnaphthalene	12.16	142	1591	0.119	ng		98
16) Acenaphthylene	14.07	152	2396	0.107	ng		100
17) Acenaphthene	14.40	154	1698	0.116	ng		99
18) Fluorene	15.39	166	2382	0.129	ng		100
20) 4-Bromophenyl-phenylether	16.28	248	838	0.120	ng		95
21) Hexachlorobenzene	16.39	284	969	0.123	ng		97
23) Phenanthrene	17.13	178	4244	0.125	ng		99
24) Anthracene	17.23	178	3702	0.119	ng		99
26) Fluoranthene	19.16	202	5459	0.136	ng		100
28) Pyrene	19.53	202	5712	0.109	ng		100
30) Benzo(a)anthracene	21.28	228	6185	0.133	ng		98
31) Chrysene	21.33	228	6254	0.132	ng		99
32) Bis(2-ethylhexyl)phthalate	21.18	149	3077	0.108	ng		100
33) Indeno(1,2,3-cd)pyrene	25.82	276	8960	0.177	ng		99
35) Benzo(b)fluoranthene	22.87	252	7062	0.131	ng	#	90
36) Benzo(k)fluoranthene	22.91	252	7092	0.125	ng	#	91
37) Benzo(a)pyrene	23.45	252	6543	0.129	ng	#	88
38) Dibenzo(a,h)anthracene	25.83	278	7380	0.145	ng		93
39) Benzo(g,h,i)perylene	26.52	276	7690	0.152	ng		96

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

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Acq On : 20 Mar 2019 11:08
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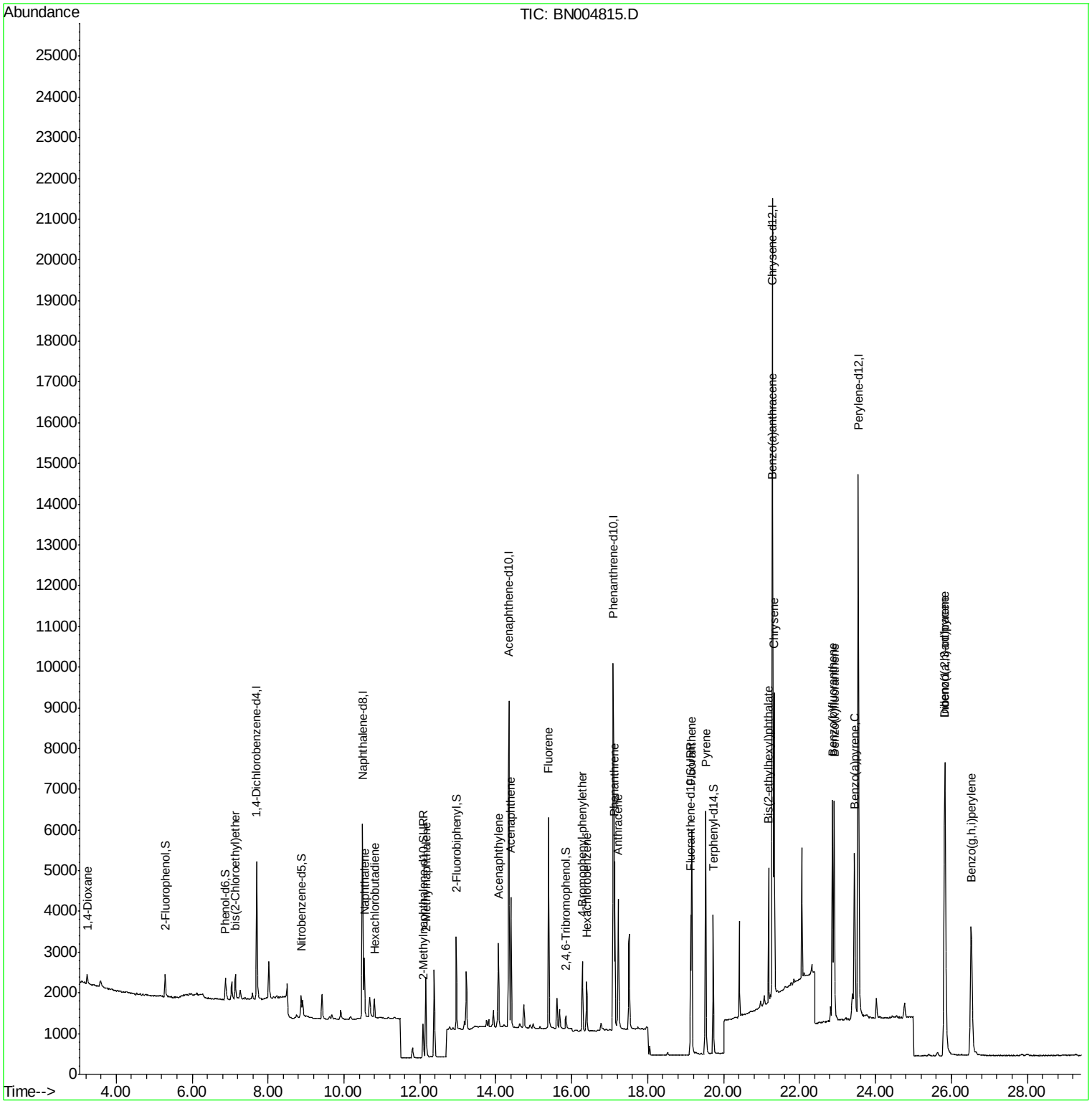
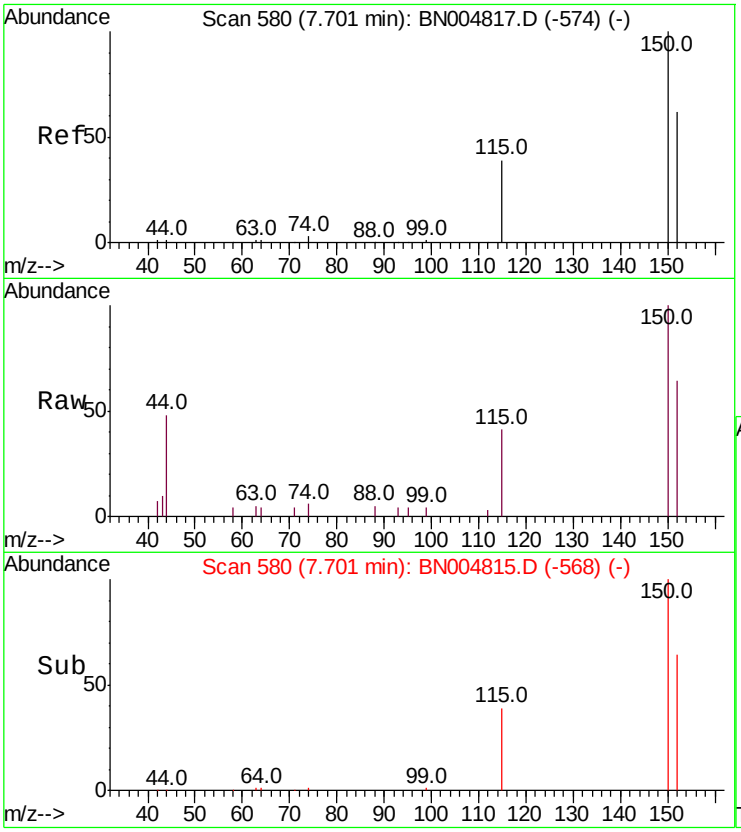
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Mar 20 15:59:52 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 13:44:27 2019
Response via : Initial Calibration



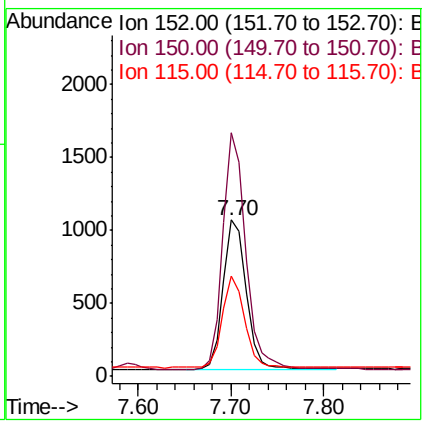


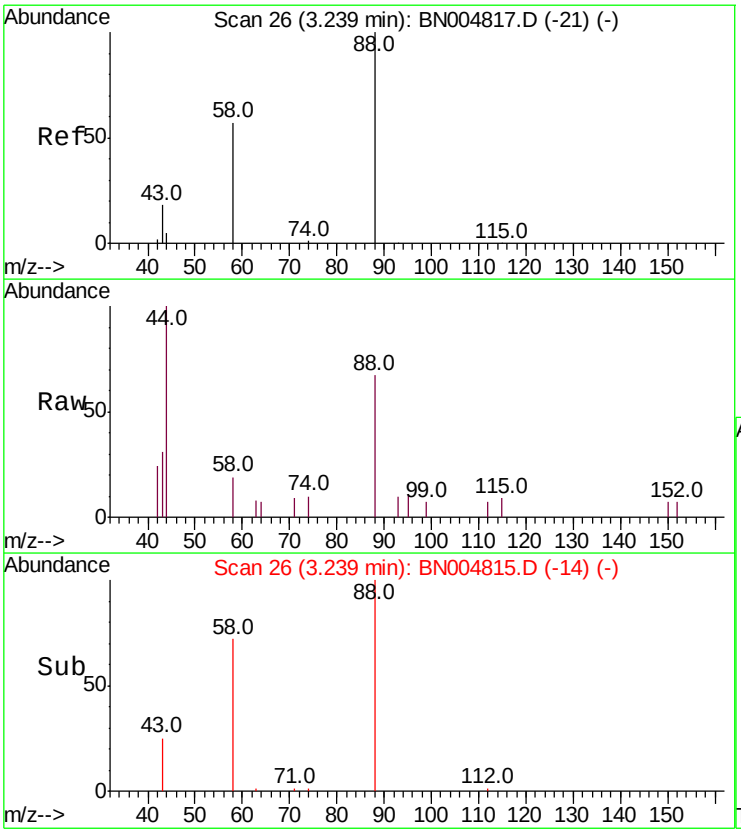
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1756

Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.4
115	64.5	52.6	79.0

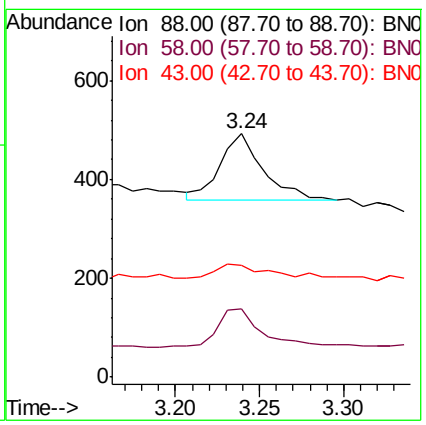


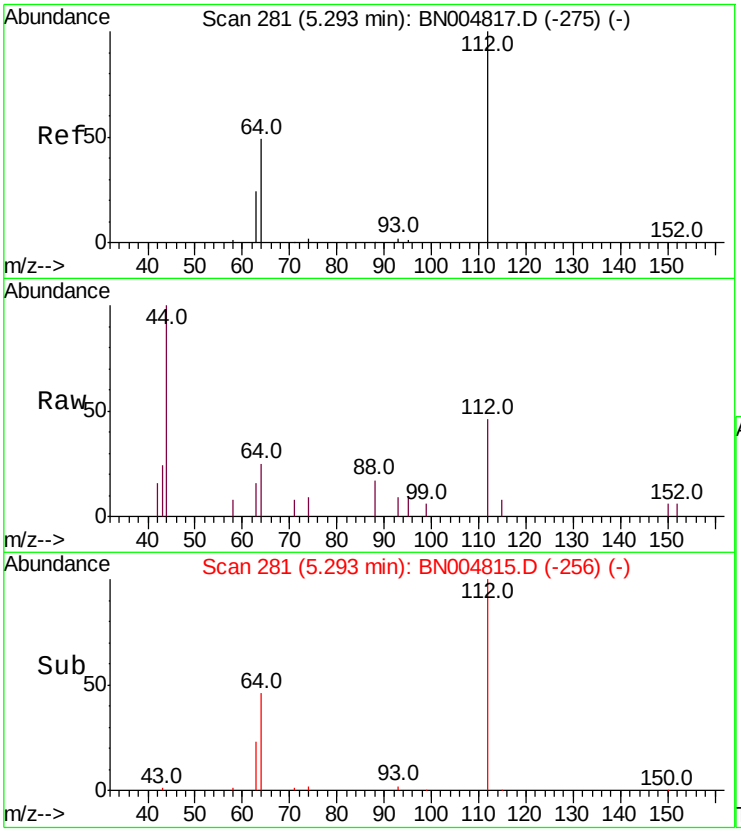


#2
1,4-Dioxane
Concen: 0.151 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion: 88 Resp: 234

Ion	Ratio	Lower	Upper
88	100		
58	59.8	51.4	77.2
43	23.9	20.0	30.0



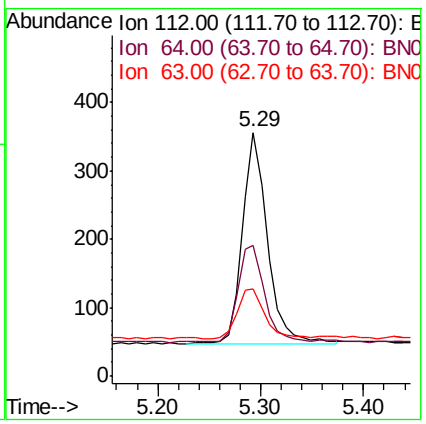


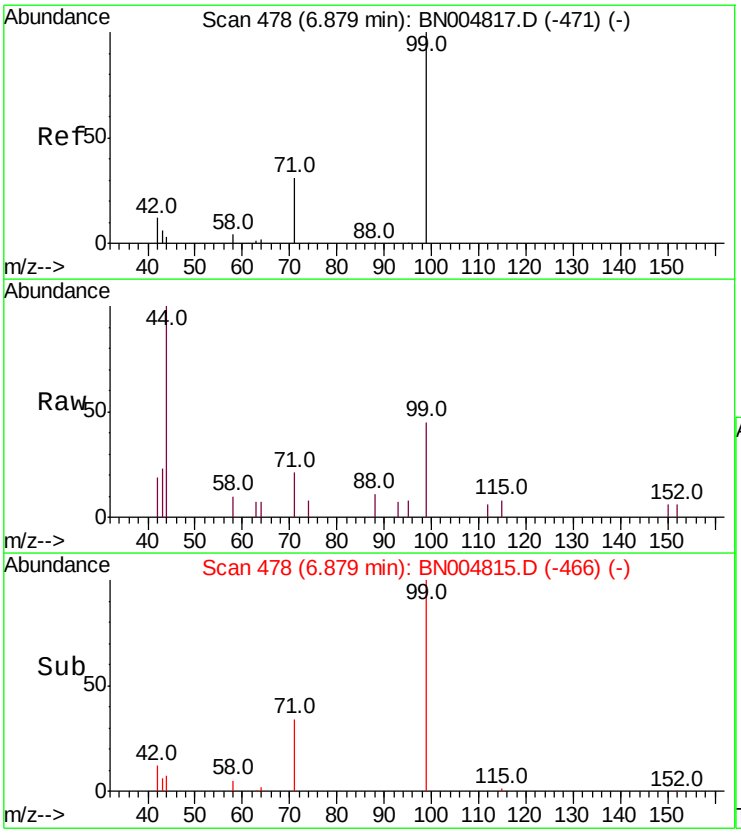
#4
2-Fluorophenol
Concen: 0.094 ng
RT: 5.29 min Scan# 281
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:112 Resp: 519

Ion	Ratio	Lower	Upper
112	100		
64	50.1	40.0	60.0
63	25.8	20.2	30.2

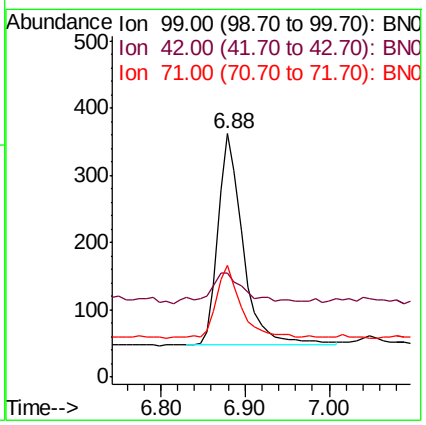


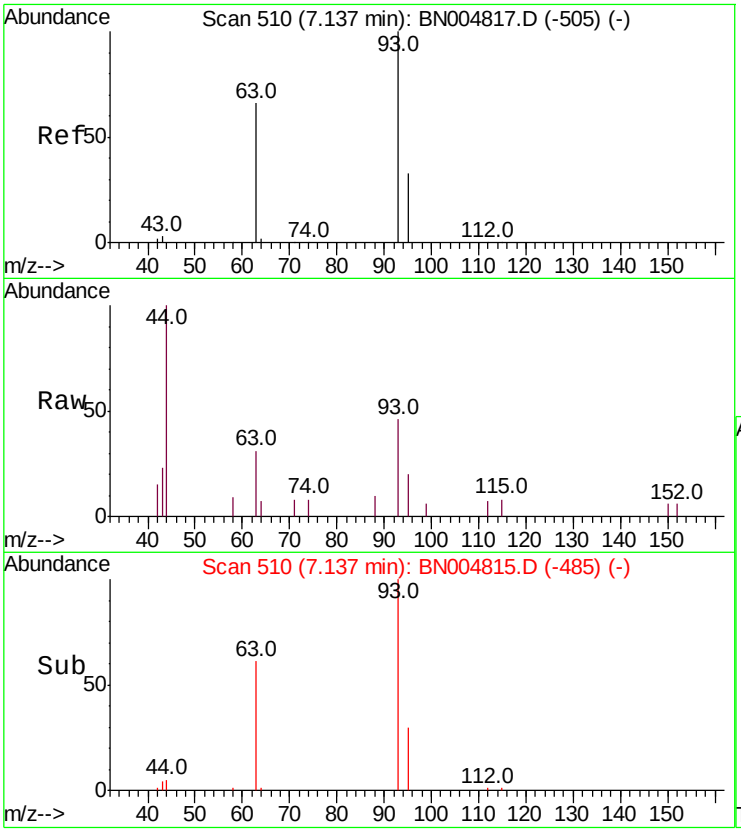


#5
Phenol-d6
Concen: 0.089 ng
RT: 6.88 min Scan# 478
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion: 99 Resp: 644

Ion	Ratio	Lower	Upper
99	100		
42	17.1	12.7	19.1
71	35.1	26.6	40.0



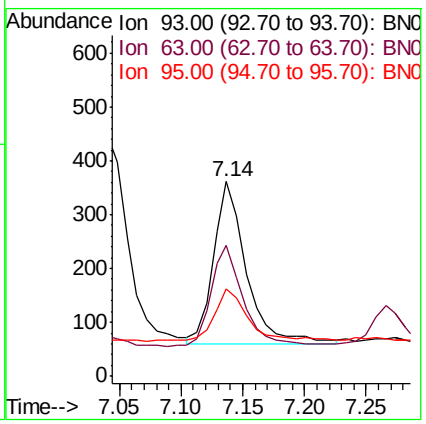


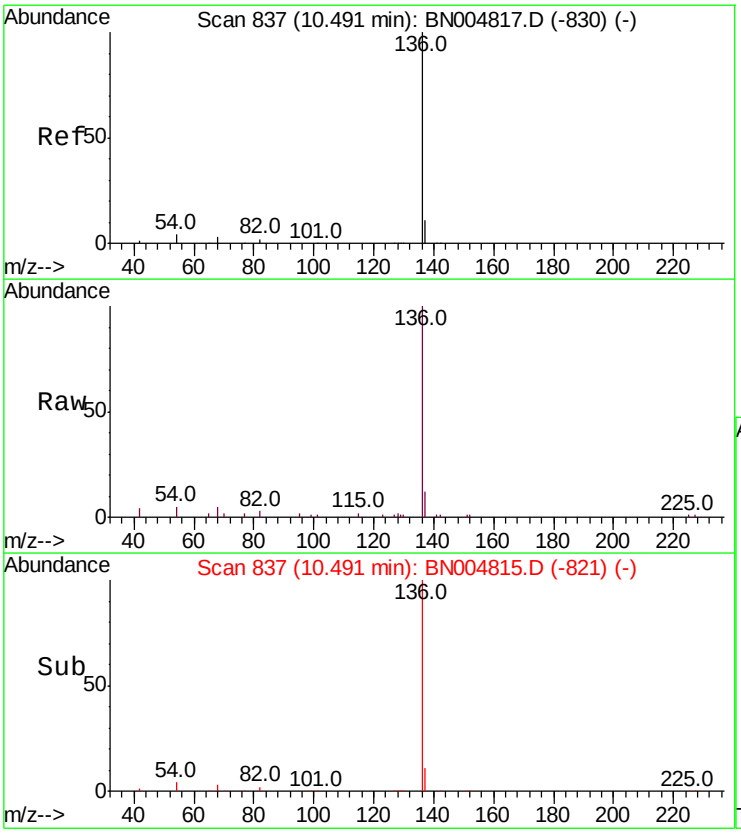
#6
bis(2-Chloroethyl)ether
Concen: 0.106 ng
RT: 7.14 min Scan# 510
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 93 Resp: 556

Ion	Ratio	Lower	Upper
93	100		
63	61.9	52.6	78.8
95	32.4	25.9	38.9

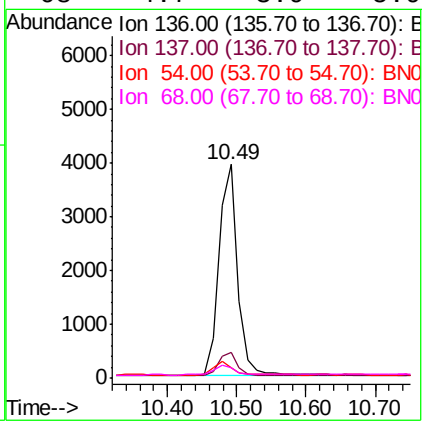


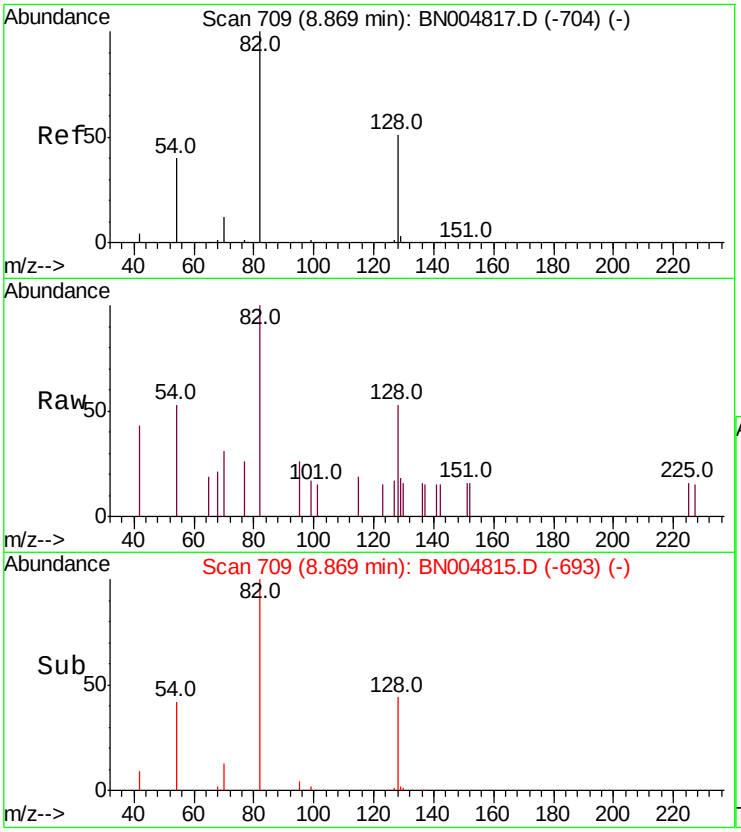


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:136 Resp: 7420

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	4.9	4.2	6.2
68	4.7	3.9	5.9



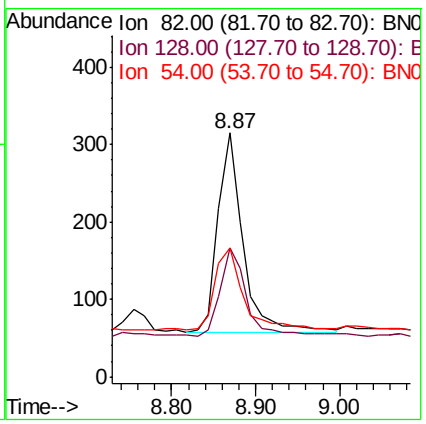


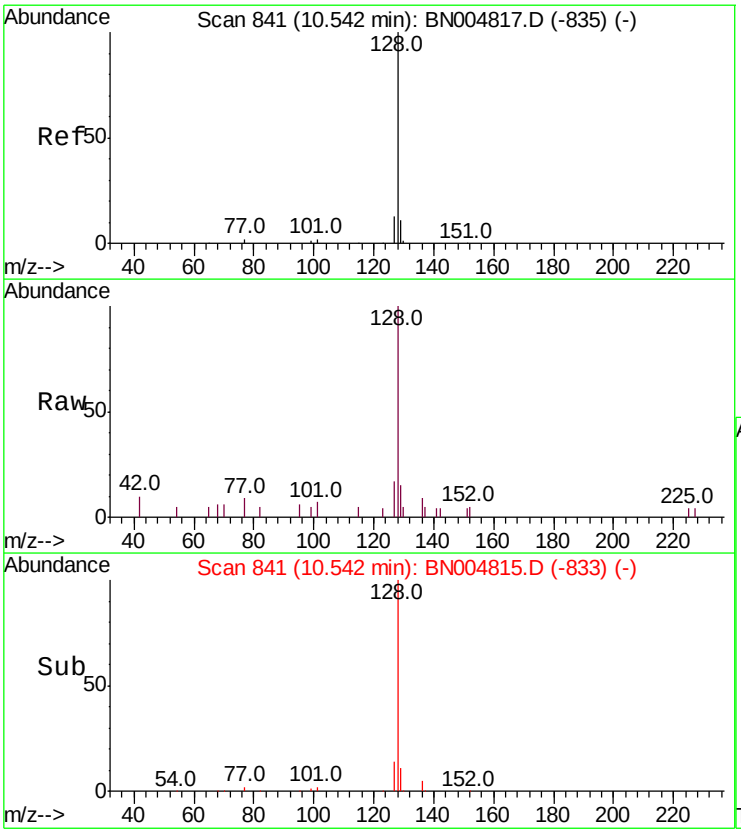
#8
Nitrobenzene-d5
Concen: 0.111 ng
RT: 8.87 min Scan# 709
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 528

Ion	Ratio	Lower	Upper
82	100		
128	52.7	43.0	64.6
54	52.7	35.3	52.9

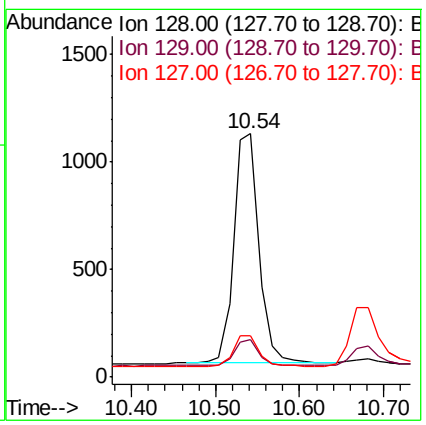


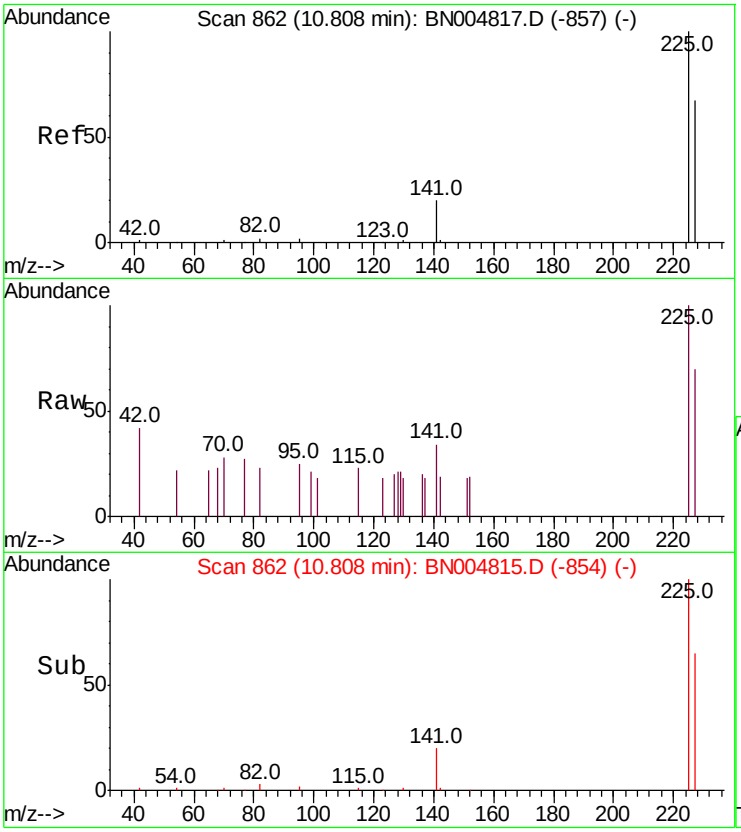


#9
Naphthalene
Concen: 0.119 ng
RT: 10.54 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:128 Resp: 2197

Ion	Ratio	Lower	Upper
128	100		
129	15.2	9.9	14.9#
127	17.1	11.3	16.9#



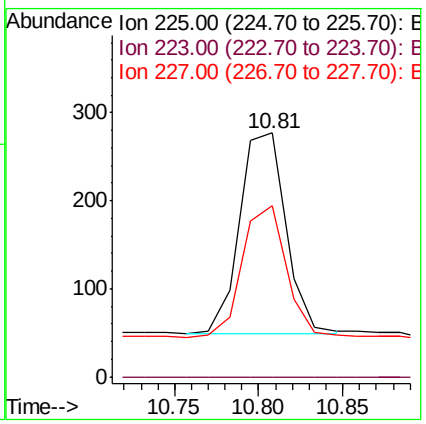


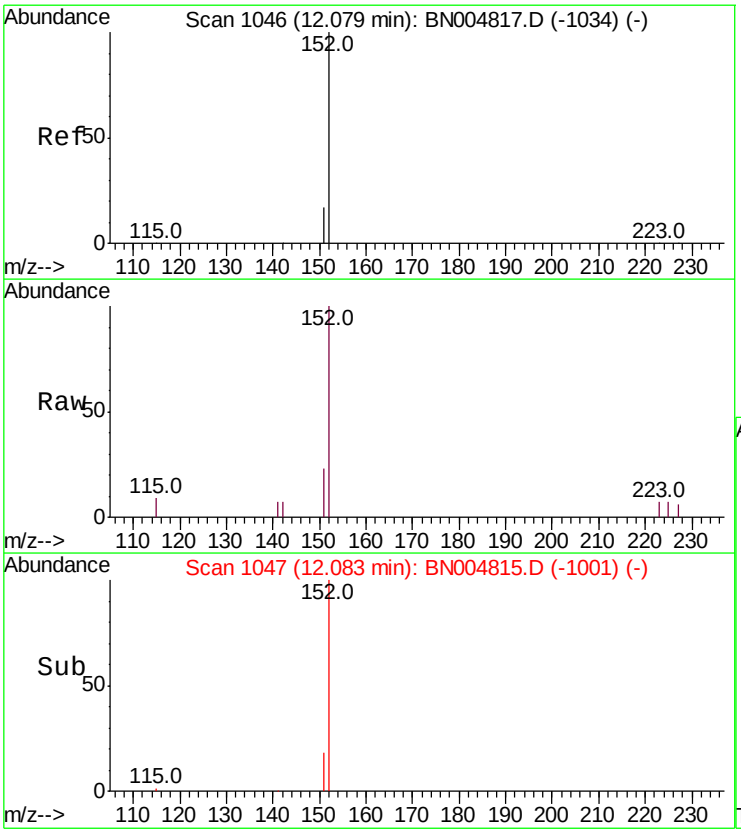
#10
Hexachlorobutadiene
Concen: 0.139 ng
RT: 10.81 min Scan# 862
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:225 Resp: 436

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.6	52.2	78.4

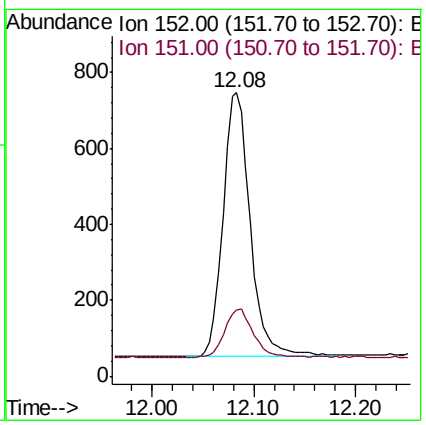


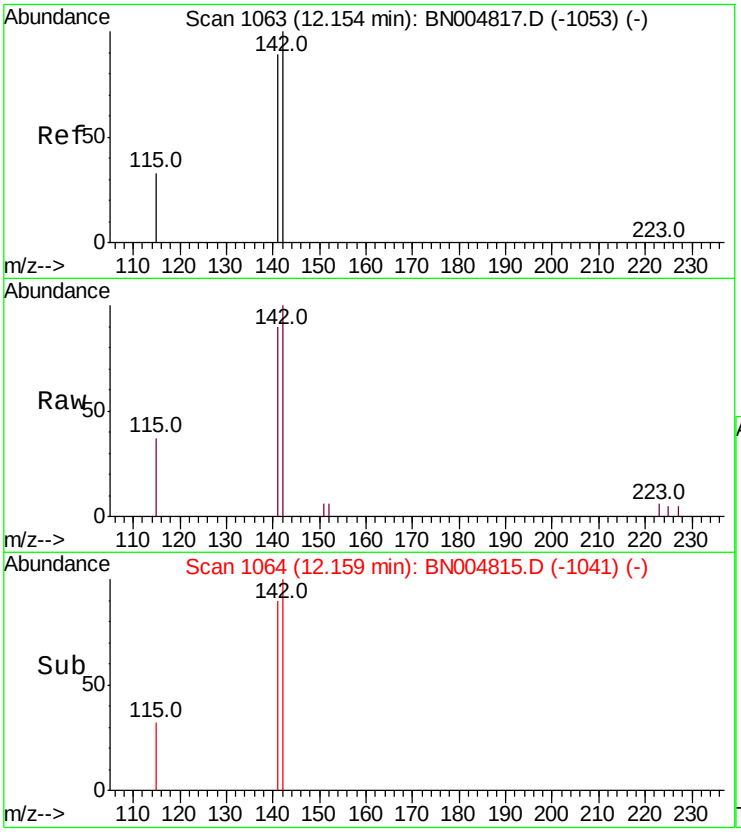


#11
2-Methylnaphthalene-d10
Concen: 0.104 ng
RT: 12.08 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:152 Resp: 1298

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3



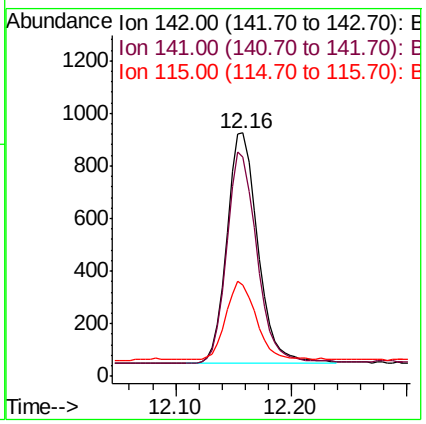


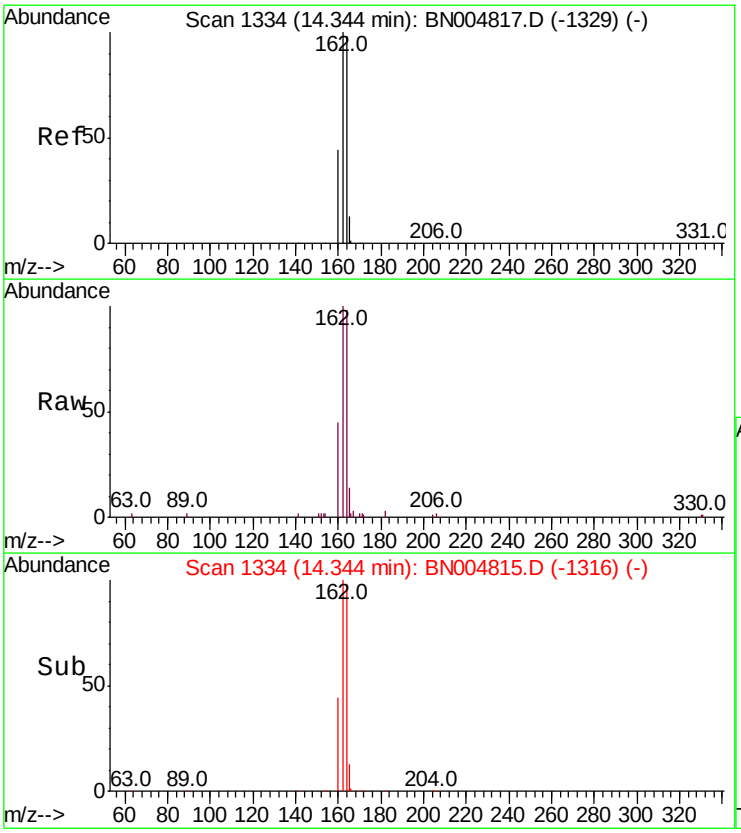
#12
2-Methylnaphthalene
Concen: 0.119 ng
RT: 12.16 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 1591

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.4	107.2
115	37.4	27.5	41.3

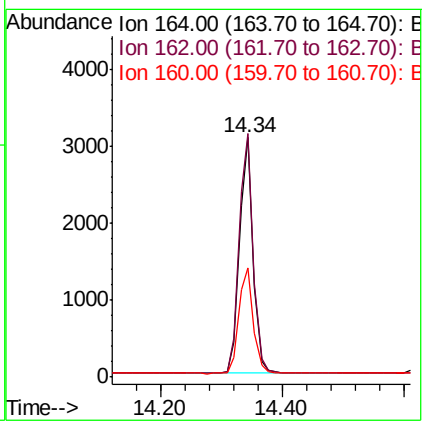


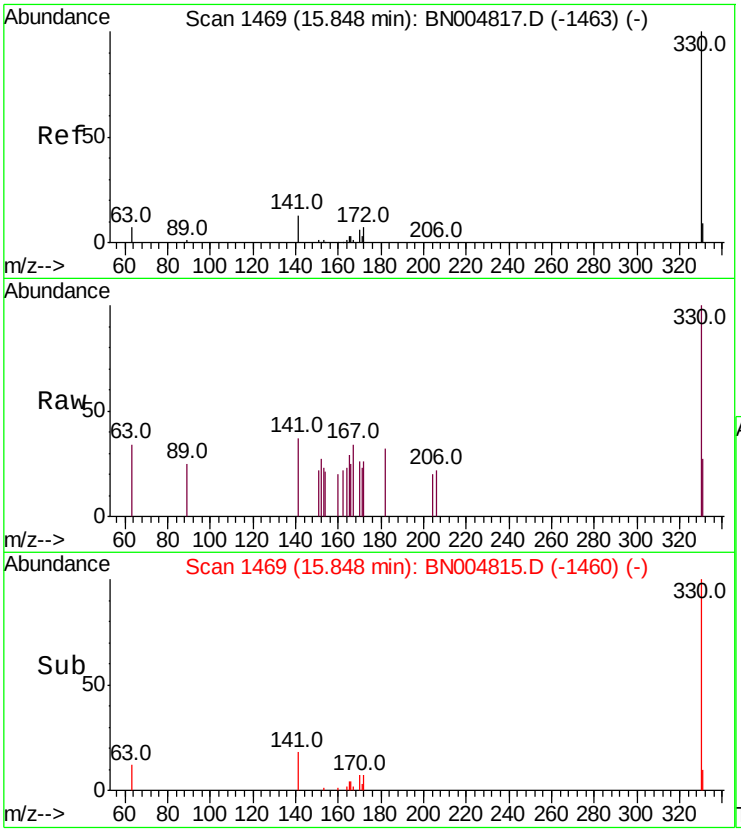


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:164 Resp: 4744

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.9	122.9
160	45.8	36.6	54.8



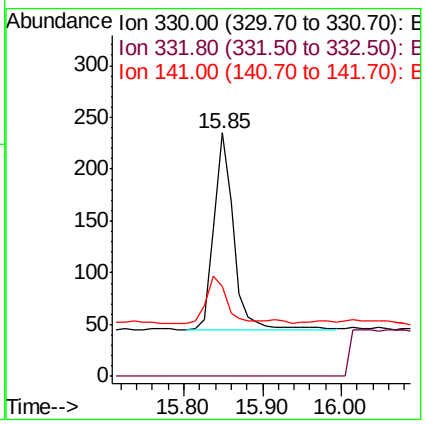


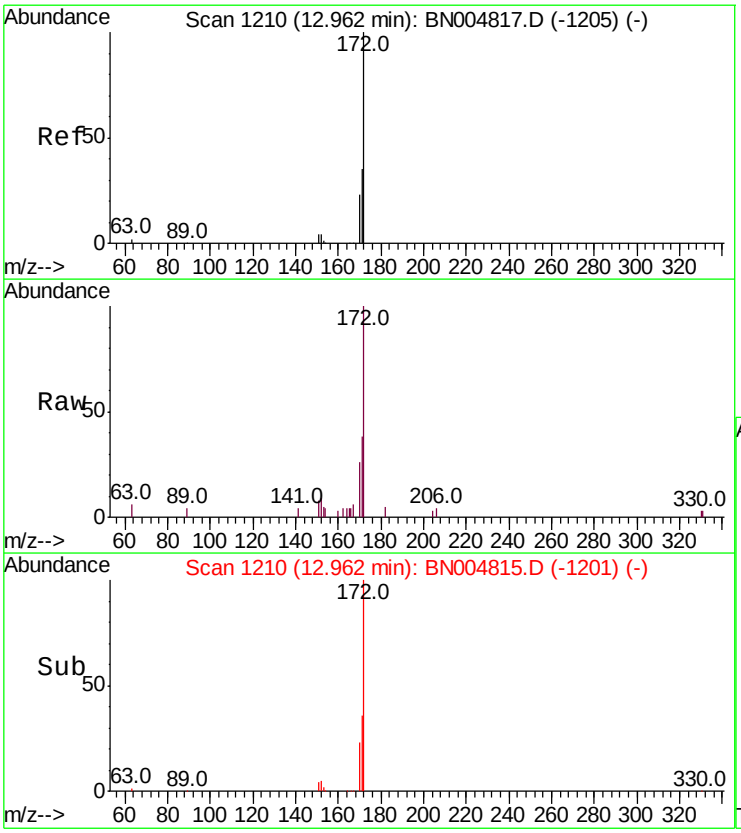
#14
2,4,6-Tribromophenol
Concen: 0.117 ng
RT: 15.85 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 331

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	24.5	20.9	31.3

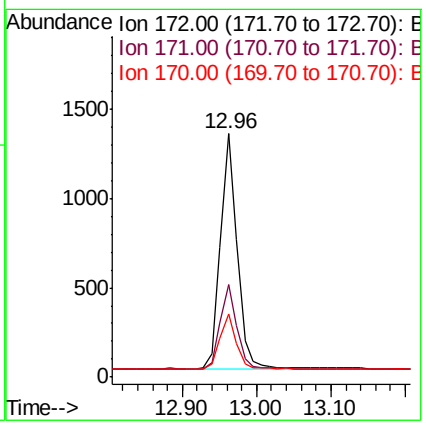


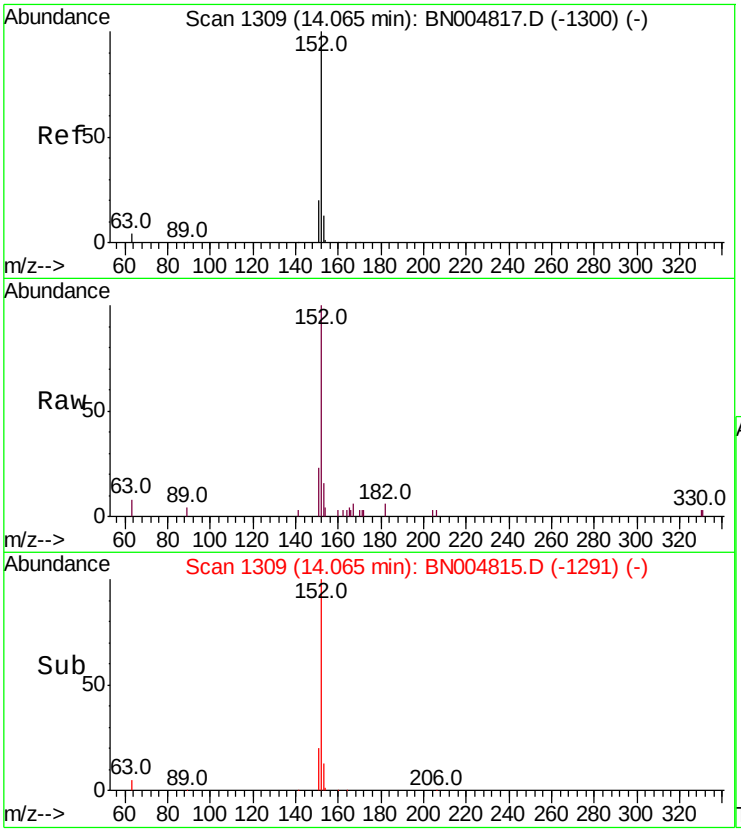


#15
2-Fluorobiphenyl
Concen: 0.109 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:172 Resp: 2070

Ion	Ratio	Lower	Upper
172	100		
171	38.2	28.7	43.1
170	25.8	18.7	28.1



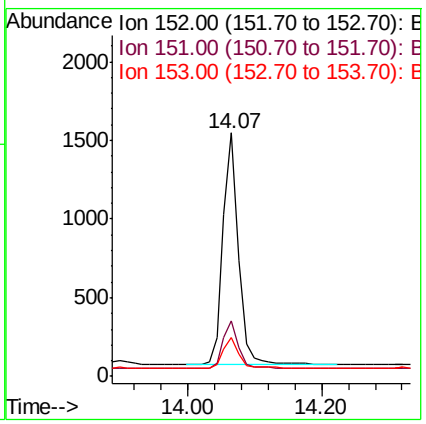


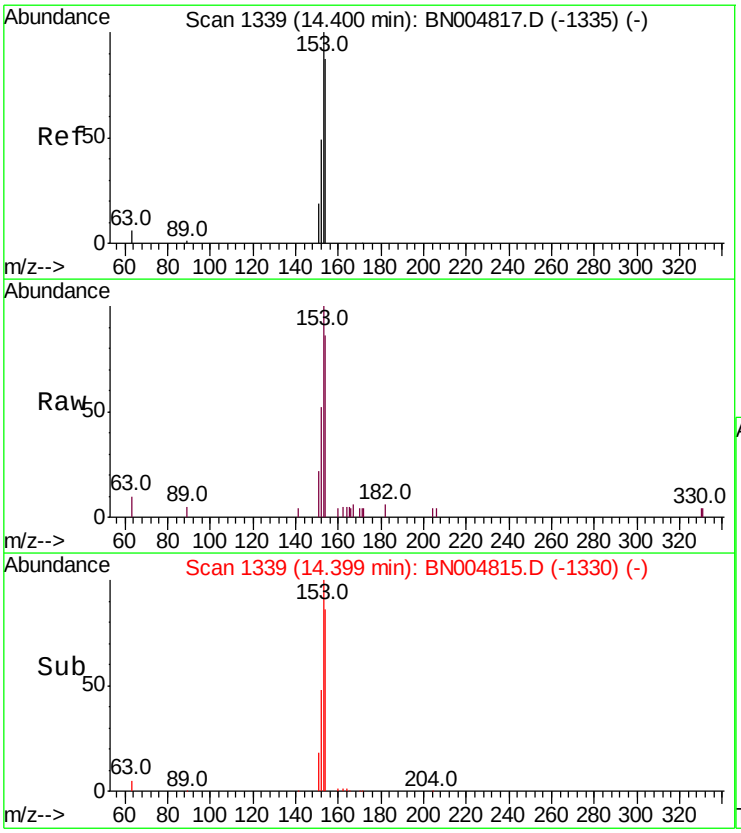
#16
Acenaphthylene
Concen: 0.107 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2396

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.0	10.5	15.7

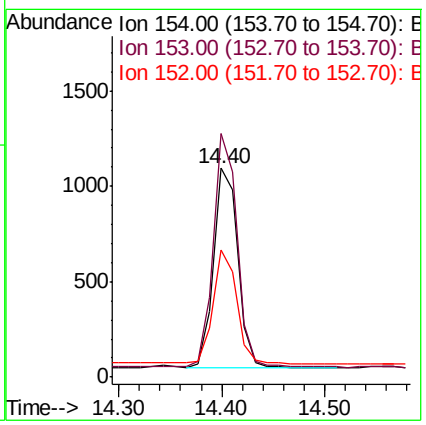


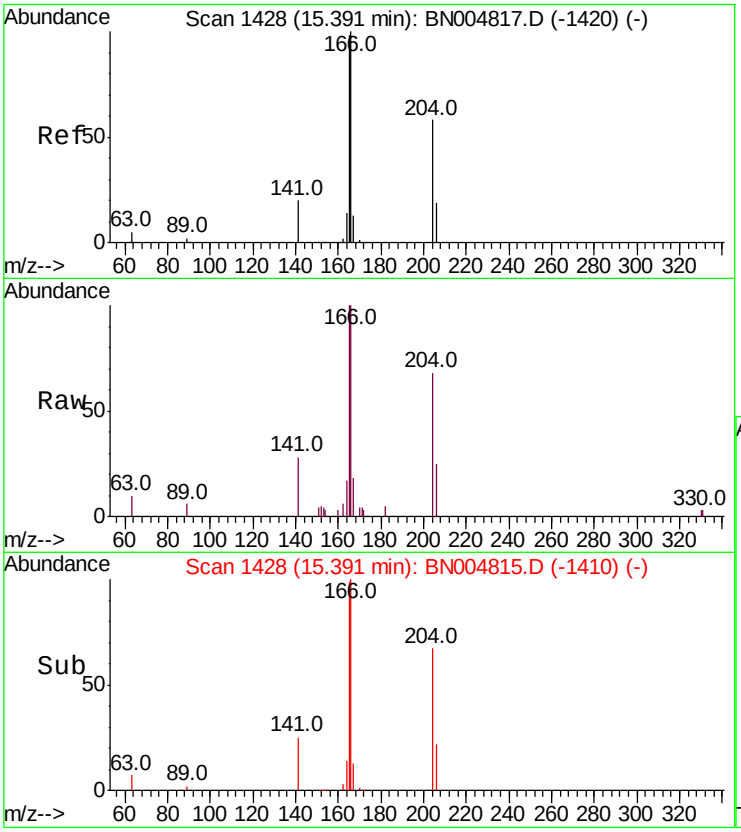


#17
Acenaphthene
Concen: 0.116 ng
RT: 14.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:154 Resp: 1698

Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.4	137.2
152	55.2	44.2	66.2



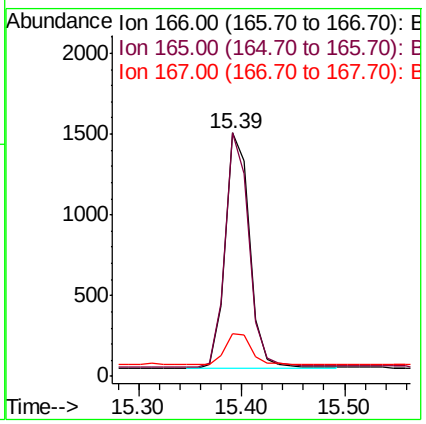


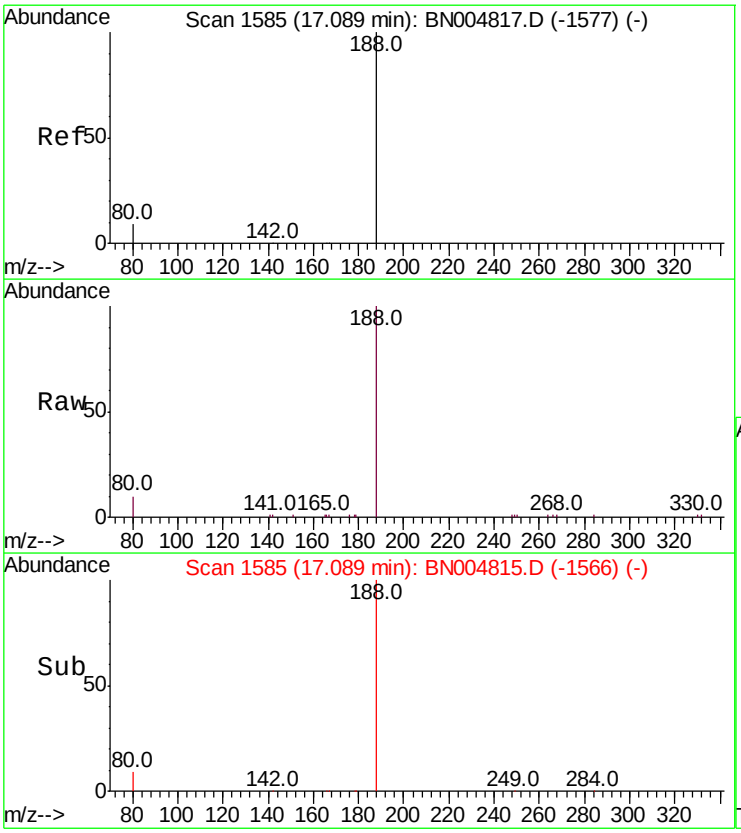
#18
Fluorene
Concen: 0.129 ng
RT: 15.39 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 2382

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.4
167	14.5	11.0	16.4

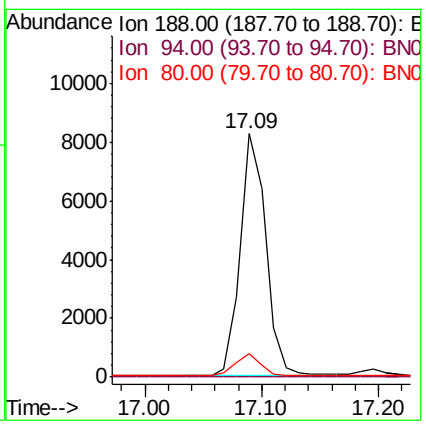


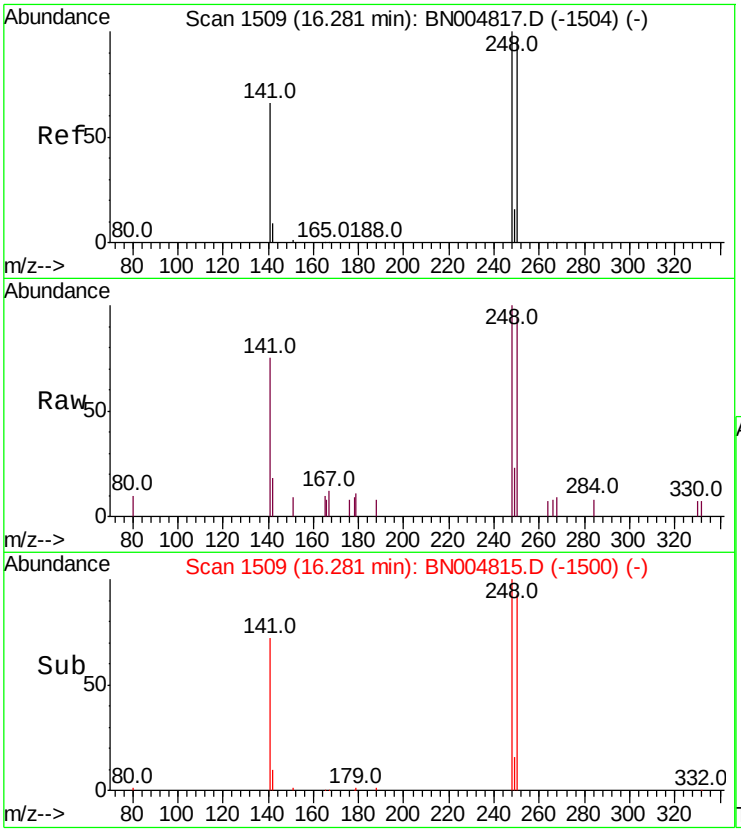


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:188 Resp: 12538

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	7.4	11.2



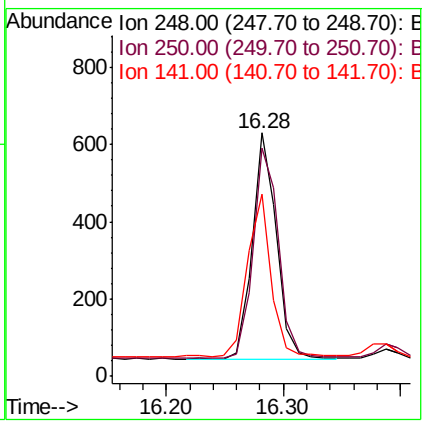


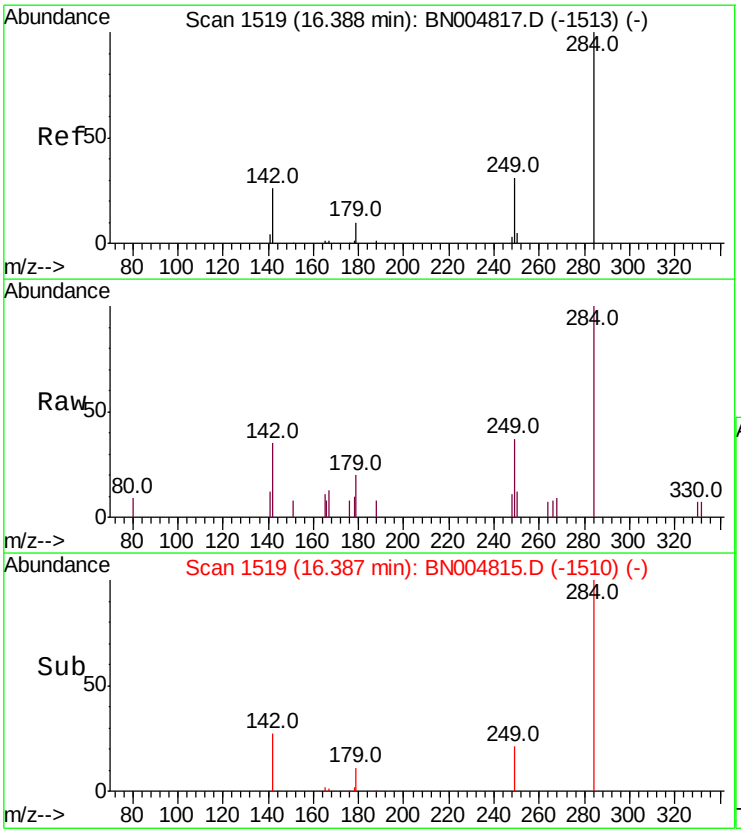
#20
4-Bromophenyl-phenylether
Concen: 0.120 ng
RT: 16.28 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 838

Ion	Ratio	Lower	Upper
248	100		
250	94.0	76.2	114.4
141	74.8	53.9	80.9

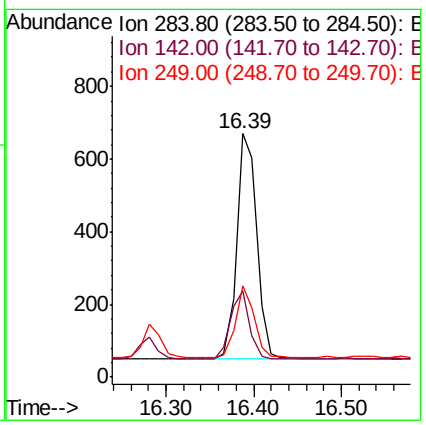


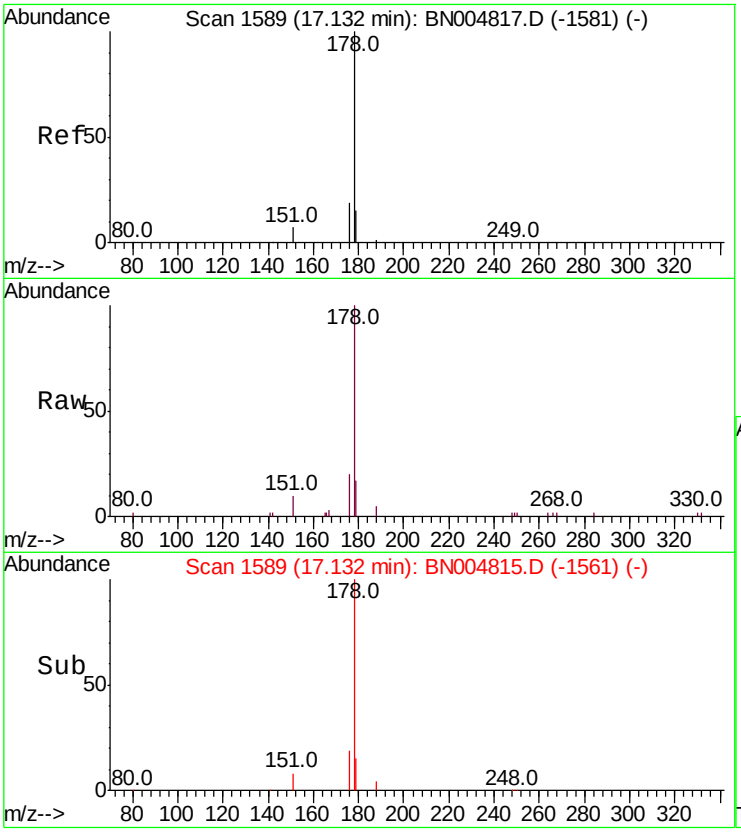


#21
Hexachlorobenzene
Concen: 0.123 ng
RT: 16.39 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:284 Resp: 969

Ion	Ratio	Lower	Upper
284	100		
142	29.6	22.6	34.0
249	29.7	22.5	33.7



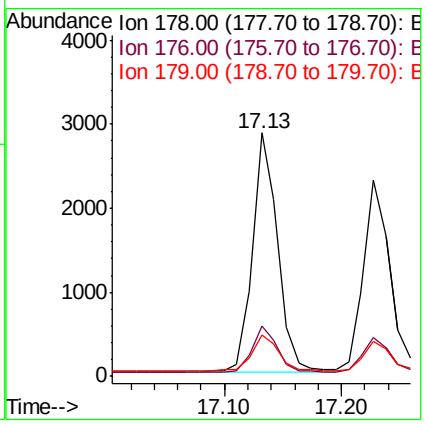


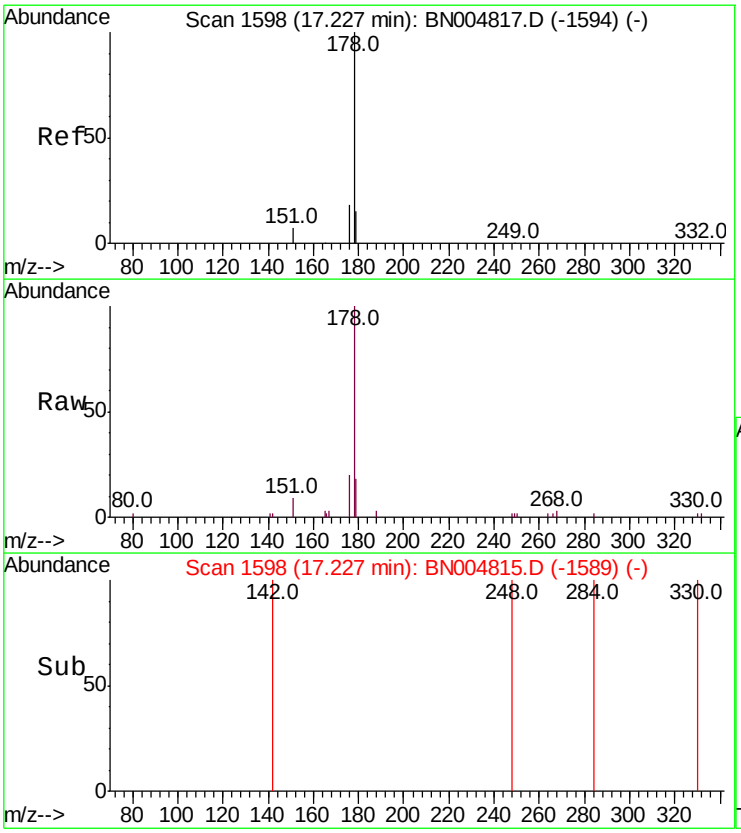
#23
Phenanthrene
Concen: 0.125 ng
RT: 17.13 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 4244

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	16.0	12.1	18.1

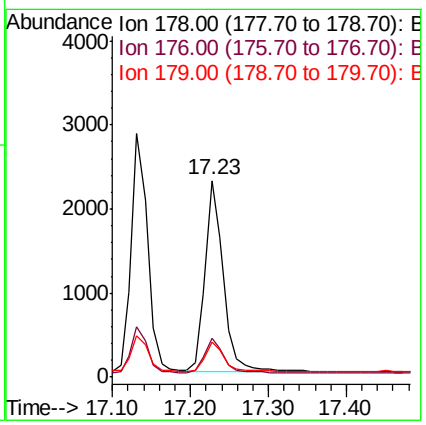


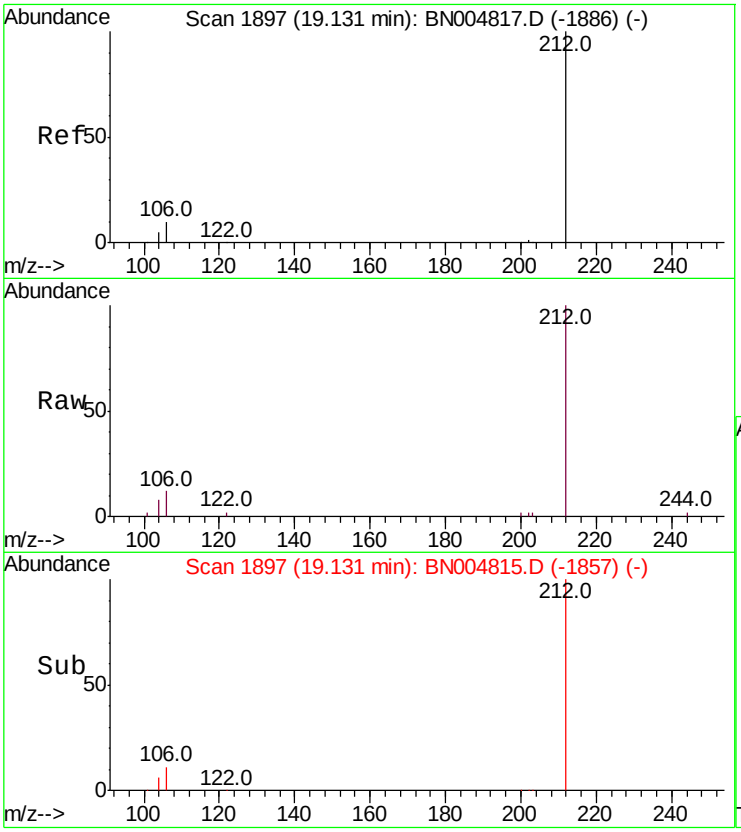


#24
Anthracene
Concen: 0.119 ng
RT: 17.23 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:178 Resp: 3702

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.5	21.7
179	15.4	12.2	18.4



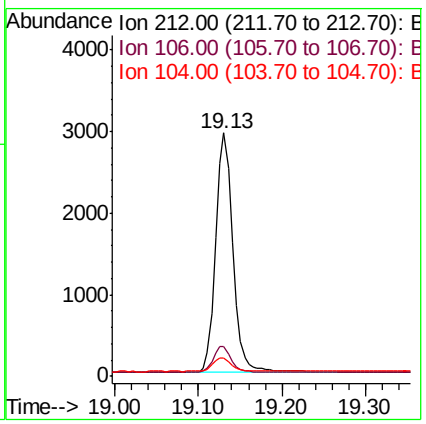


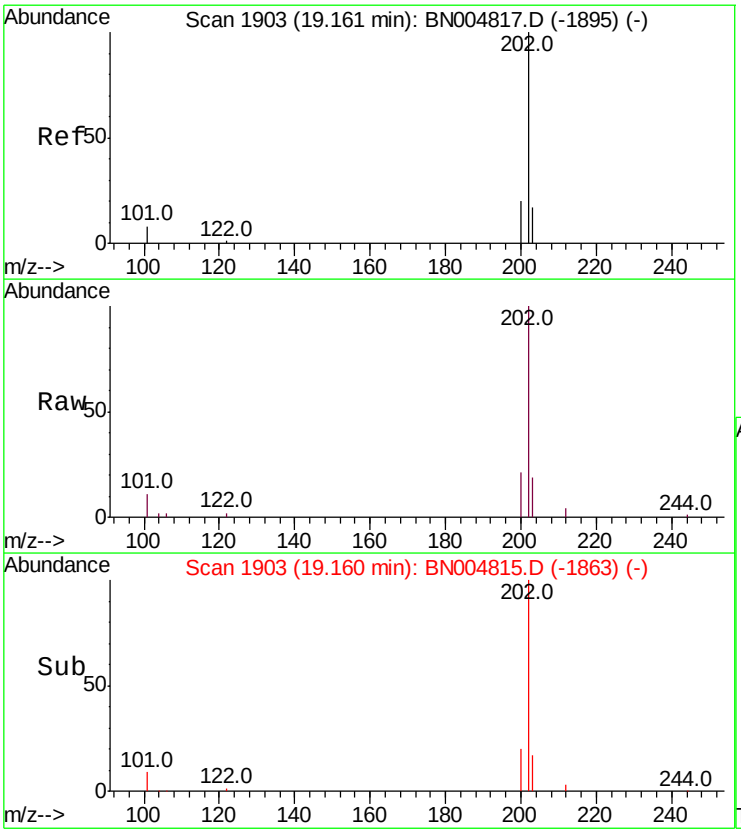
#25
Fluoranthene-d10
Concen: 0.115 ng
RT: 19.13 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 4234

Ion	Ratio	Lower	Upper
212	100		
106	11.0	8.6	13.0
104	6.2	4.7	7.1

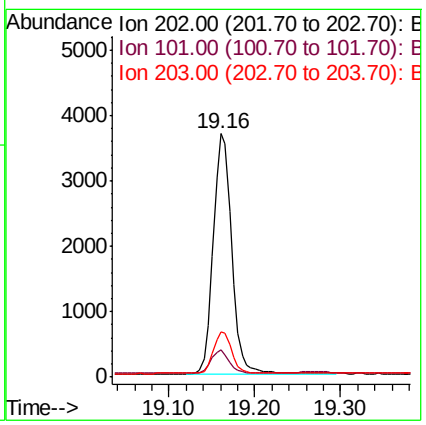


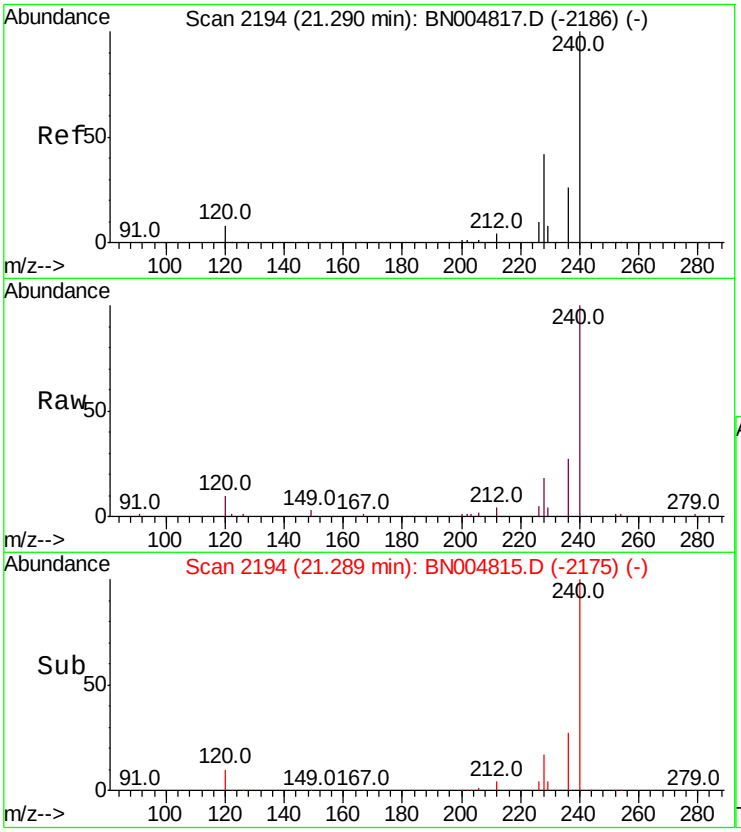


#26
Fluoranthene
Concen: 0.136 ng
RT: 19.16 min Scan# 1903
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:202 Resp: 5459

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.5	11.3
203	17.2	13.8	20.6



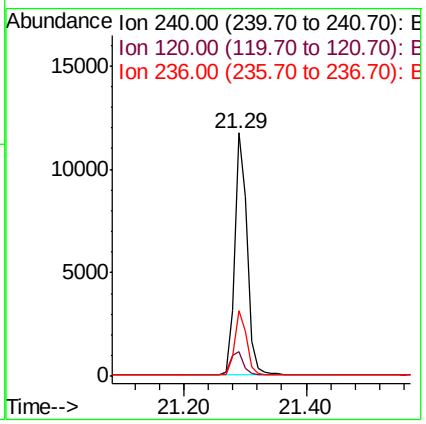


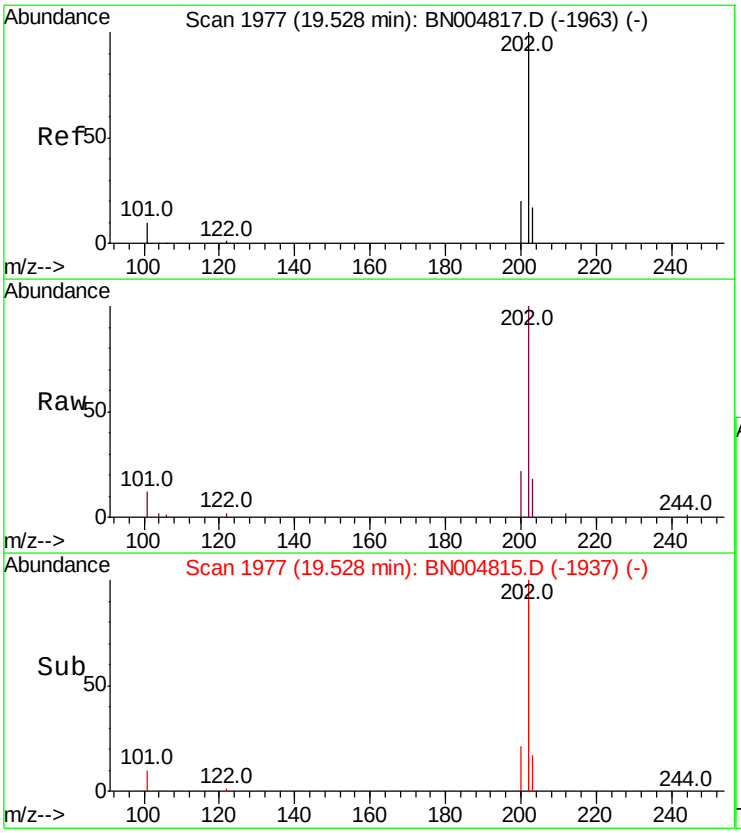
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 16702

Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.2	10.8
236	27.0	20.9	31.3

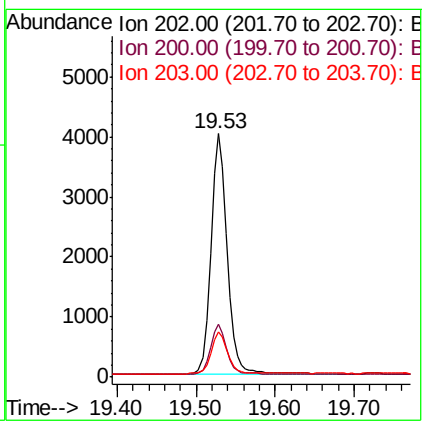


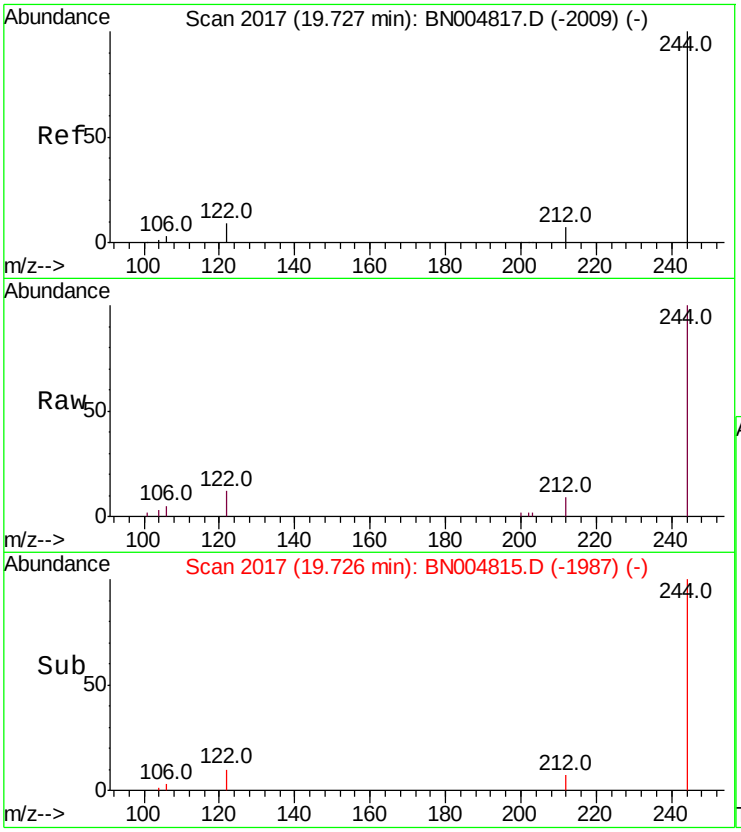


#28
Pyrene
Concen: 0.109 ng
RT: 19.53 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:202 Resp: 5712

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.6	14.0	21.0



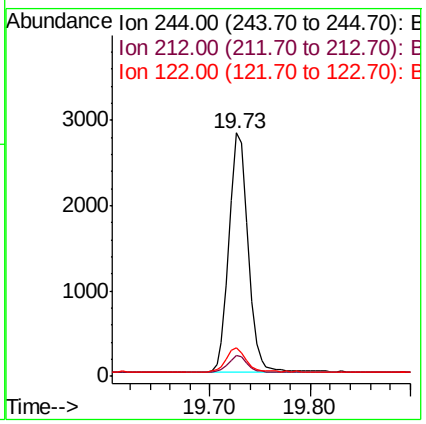


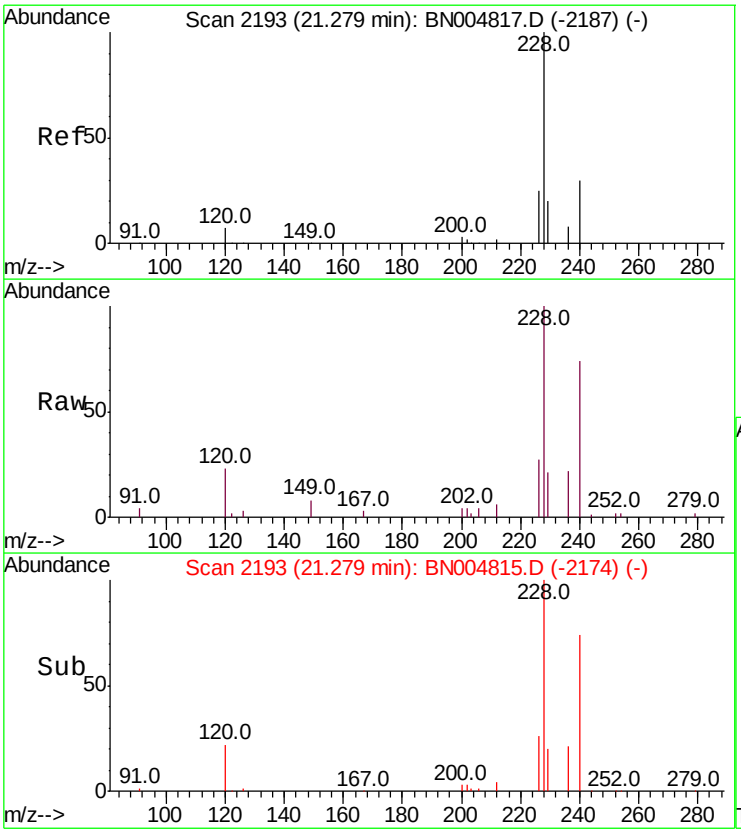
#29
Terphenyl-d14
Concen: 0.088 ng
RT: 19.73 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 3658

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.6
122	11.5	7.9	11.9

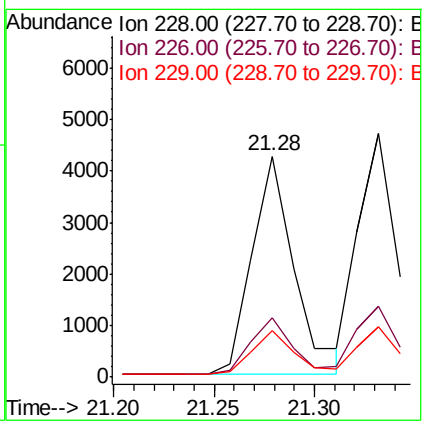


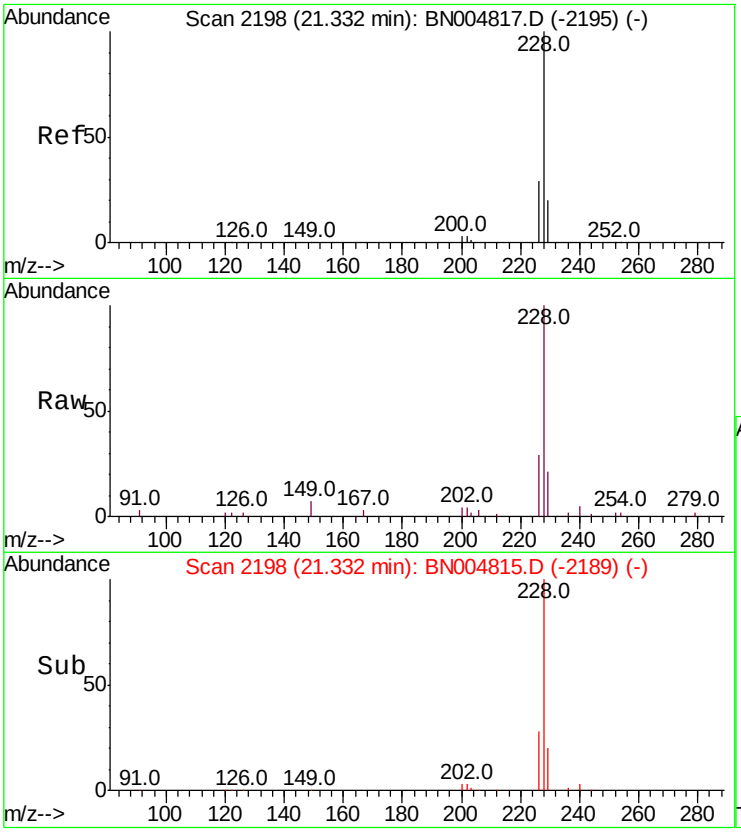


#30
Benzo(a)anthracene
Concen: 0.133 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:228 Resp: 6185

Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.6	31.0
229	20.8	16.2	24.4



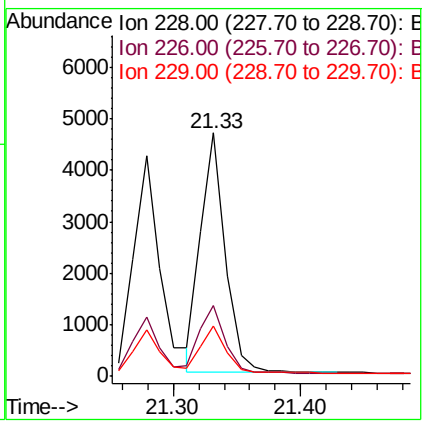


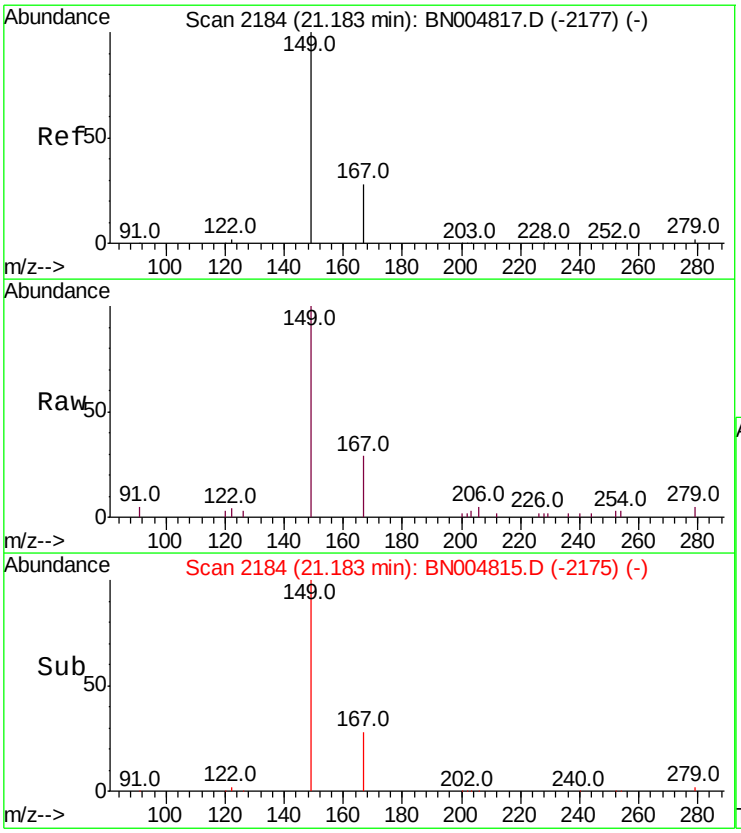
#31
Chrysene
Concen: 0.132 ng
RT: 21.33 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 6254

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	20.9	16.2	24.2

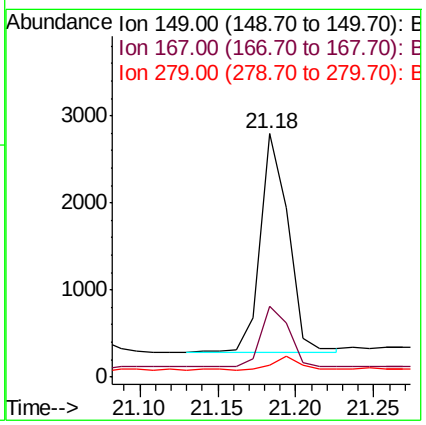


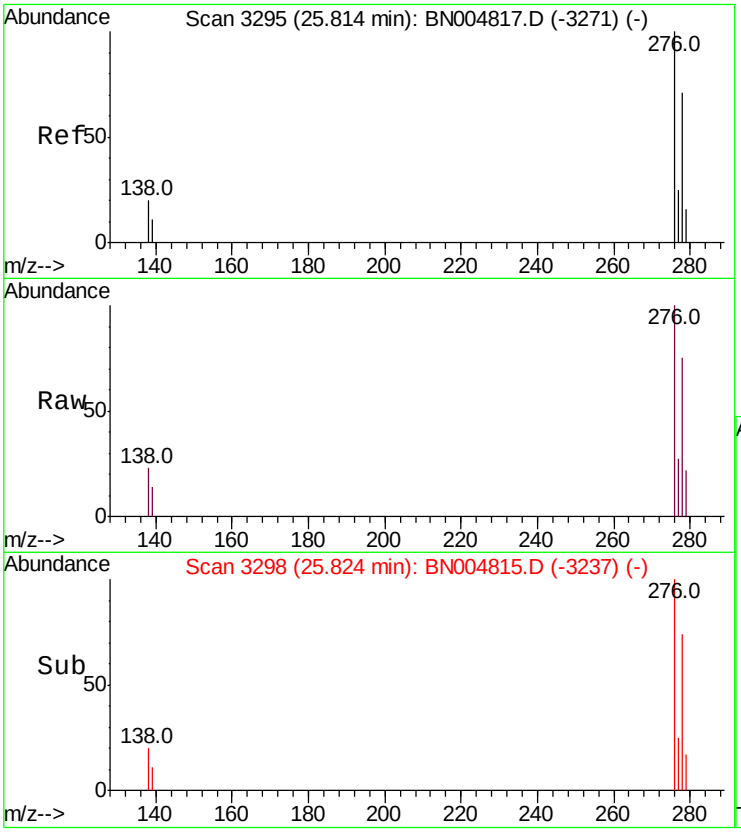


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.108 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:149 Resp: 3077

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.0	34.4
279	5.5	4.6	6.8



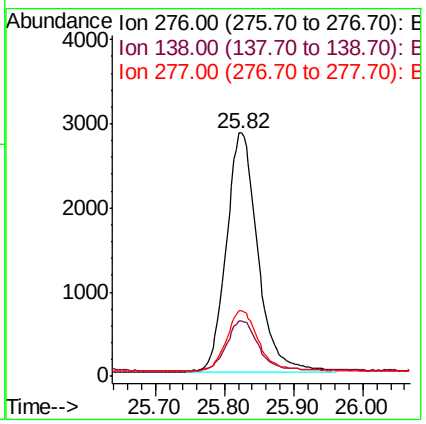


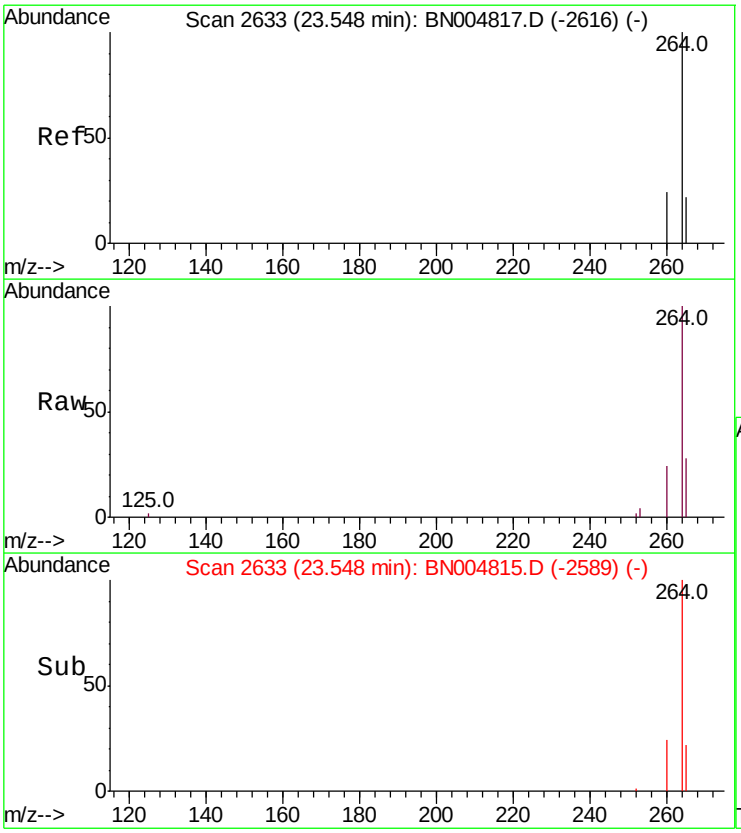
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.177 ng
RT: 25.82 min Scan# 3298
Delta R.T. 0.01 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 8960

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.6	24.8
277	25.3	20.3	30.5

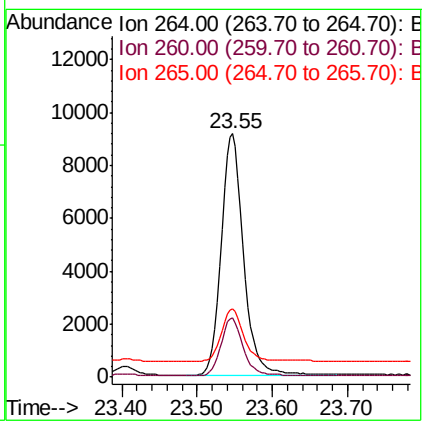


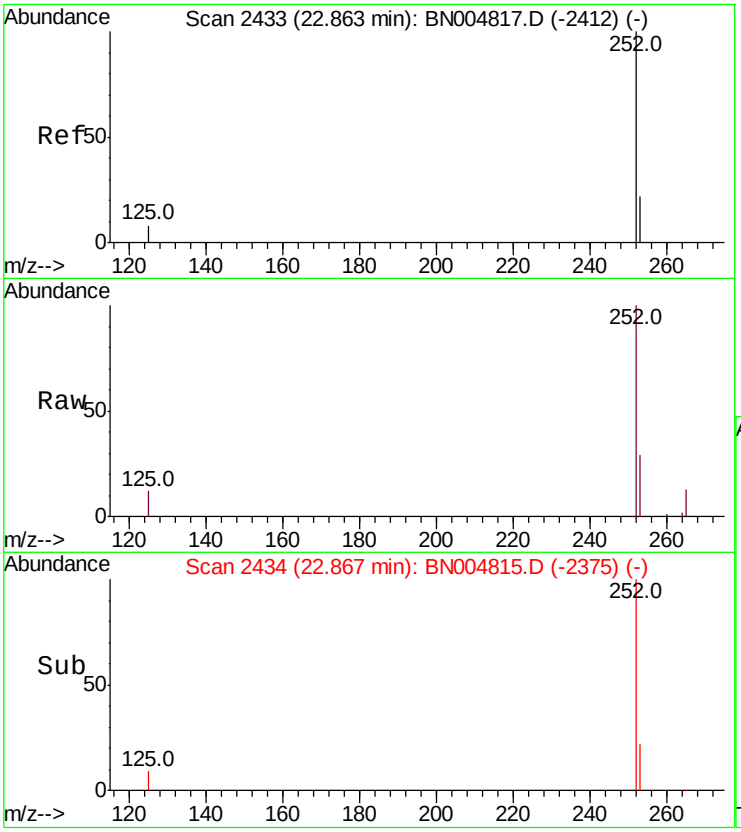


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.55 min Scan# 2633
Delta R.T. -0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:264 Resp: 18686

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	27.9	23.1	34.7



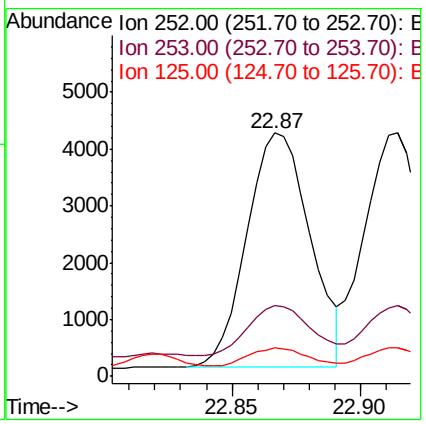


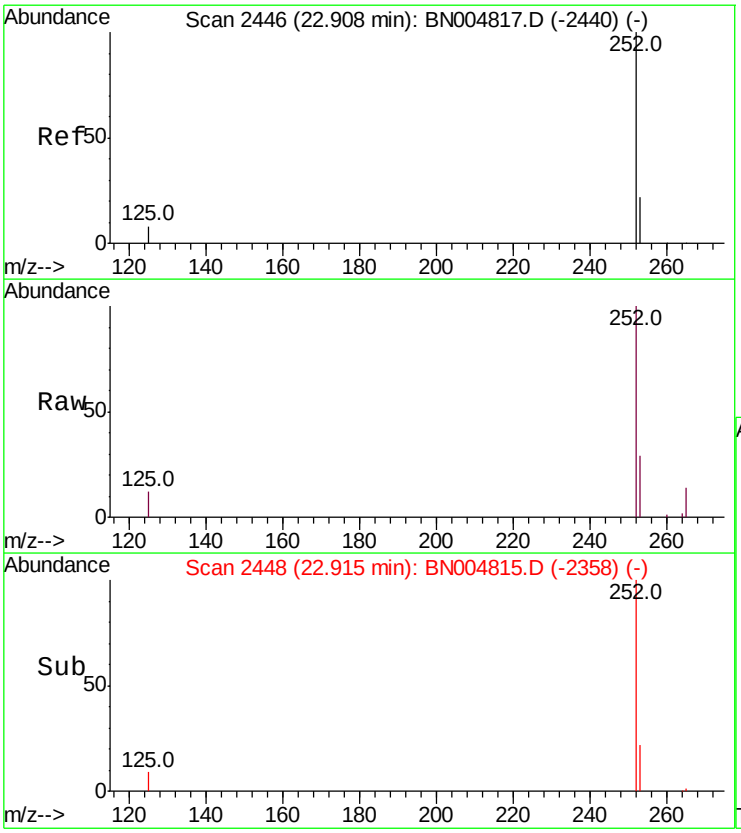
#35
Benzo(b)fluoranthene
Concen: 0.131 ng
RT: 22.87 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 7062

Ion	Ratio	Lower	Upper
252	100		
253	29.0	19.0	28.4#
125	11.7	7.4	11.2#

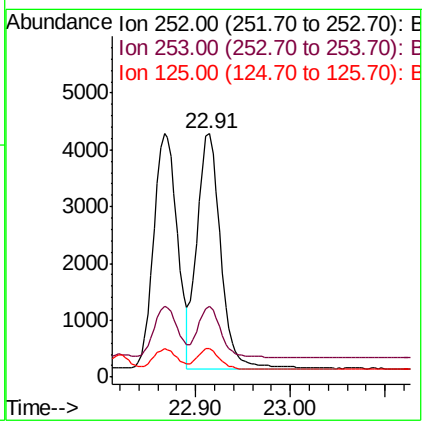


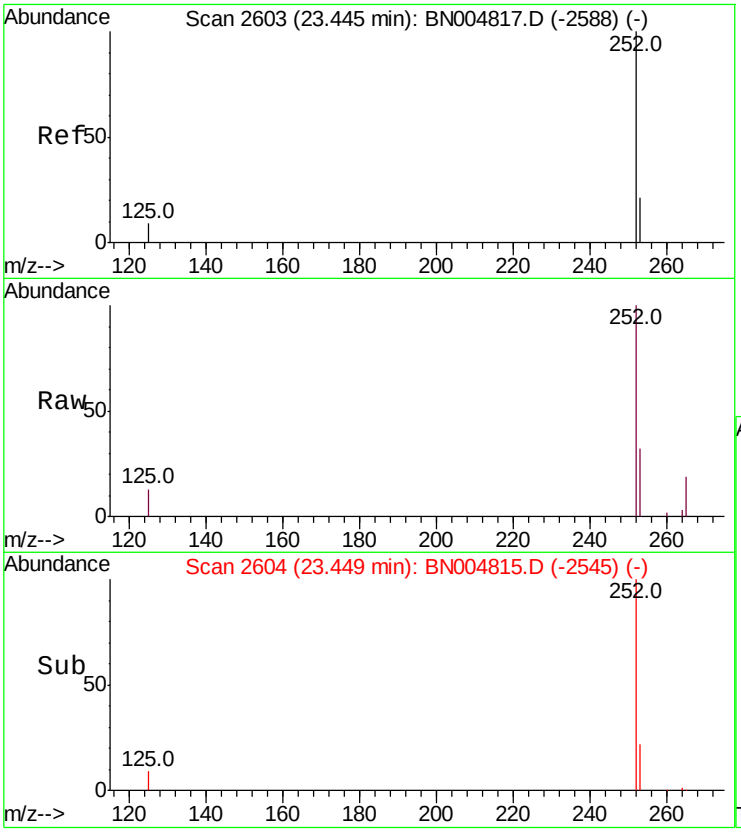


#36
Benzo(k)fluoranthene
Concen: 0.125 ng
RT: 22.91 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:252 Resp: 7092

Ion	Ratio	Lower	Upper
252	100		
253	28.9	19.3	28.9
125	11.6	7.4	11.0#



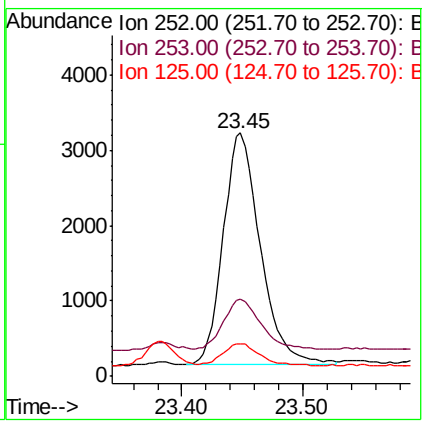


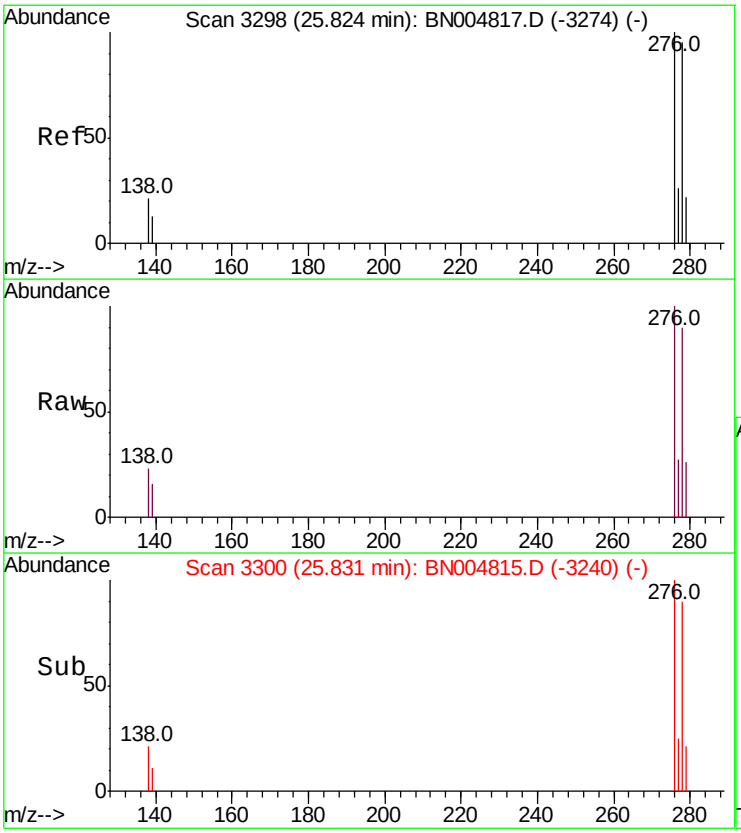
#37
Benzo(a)pyrene
Concen: 0.129 ng
RT: 23.45 min Scan# 2604
Delta R.T. 0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 6543

Ion	Ratio	Lower	Upper
252	100		
253	31.7	19.7	29.5#
125	13.2	8.3	12.5#

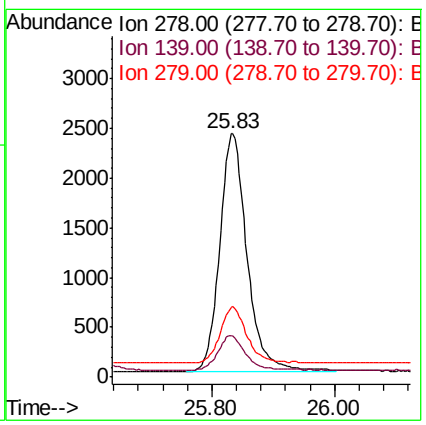


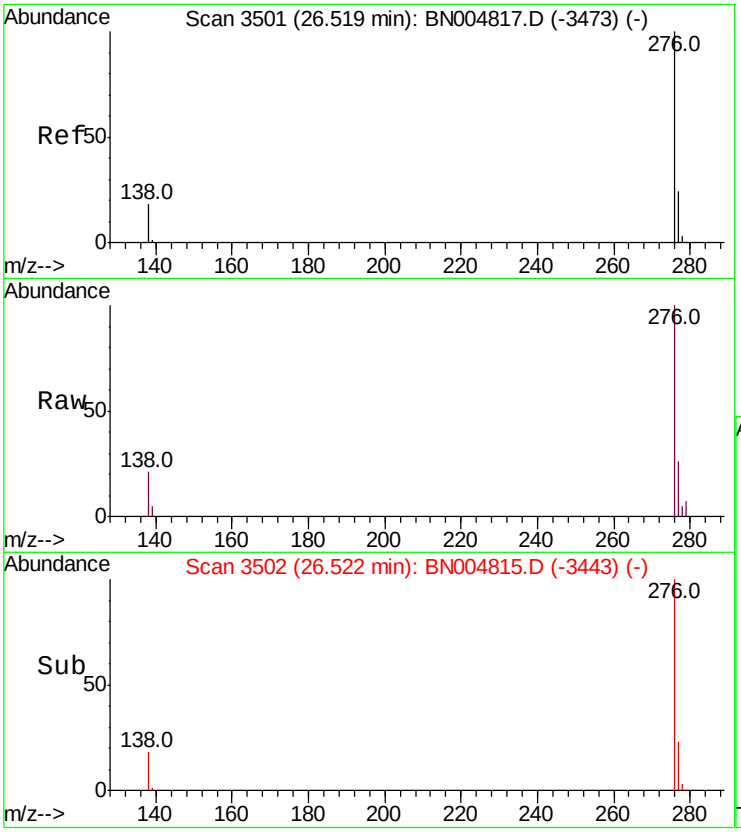


#38
Dibenzo(a,h)anthracene
Concen: 0.145 ng
RT: 25.83 min Scan# 3300
Delta R.T. 0.01 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Tgt Ion:278 Resp: 7380

Ion	Ratio	Lower	Upper
278	100		
139	17.2	11.7	17.5
279	28.4	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.152 ng
RT: 26.52 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BN004815.D
Acq: 20 Mar 2019 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 7690

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.7	29.5
138	20.8	14.6	22.0