Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122018\
Data File : BN004149.D
Acq On : 20 Dec 2018 14:27
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 20 16:28:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN122018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 16:25:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1839	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	9973	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	6235	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	15751	0.40	ng		0.00
27) Chrysene-d12	21.40	240	16366	0.40	ng		-0.01
34) Perylene-d12	23.72	264	15398	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	1270	0.28	ng		0.00
5) Phenol-d6	7.00	99	1604	0.28	ng		0.00
8) Nitrobenzene-d5	9.00	82	1268	0.29	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	3441	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	769	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.08	172	5508	0.21	ng		0.00
25) Fluoranthene-d10	19.25	212	9407	0.21	ng		0.00
29) Terphenyl-d14	19.84	244	8451	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	304	0.128	ng		88
3) n-Nitrosodimethylamine	3.71	42	158	0.144	ng	#	86
6) bis(2-Chloroethyl)ether	7.27	93	1087	0.212	ng		98
9) Naphthalene	10.67	128	5107	0.209	ng		95
10) Hexachlorobutadiene	10.93	225	881	0.198	ng	#	100
12) 2-Methylnaphthalene	12.29	142	3664	0.215	ng		99
16) Acenaphthylene	14.19	152	5870	0.211	ng		99
17) Acenaphthene	14.53	154	3985	0.207	ng		99
18) Fluorene	15.51	166	4965	0.206	ng		100
20) 4-Bromophenyl-phenylether	16.40	248	1749	0.192	ng	#	72
21) Hexachlorobenzene	16.52	284	2071	0.215	ng		95
22) Pentachlorophenol	16.89	266	279	0.107	ng		91
23) Phenanthrene	17.26	178	8532	0.197	ng		100
24) Anthracene	17.35	178	7770	0.210	ng		100
26) Fluoranthene	19.27	202	10165	0.205	ng		99
28) Pyrene	19.64	202	10577	0.234	ng		99
30) Benzo(a)anthracene	21.39	228	9159	0.214	ng		99
31) Chrysene	21.44	228	9840	0.213	ng		98
32) Bis(2-ethylhexyl)phthalate	21.28	149	5743	0.452	ng		99
33) Indeno(1,2,3-cd)pyrene	26.09	276	10288	0.215	ng		100
35) Benzo(b)fluoranthene	23.02	252	8928	0.186	ng		96
36) Benzo(k)fluoranthene	23.07	252	9716	0.204	ng	#	93
37) Benzo(a)pyrene	23.62	252	8567	0.196	ng		94
38) Dibenzo(a,h)anthracene	26.10	278	8596	0.211	ng	#	91
39) Benzo(g,h,i)perylene	26.82	276	8613	0.211	ng		93

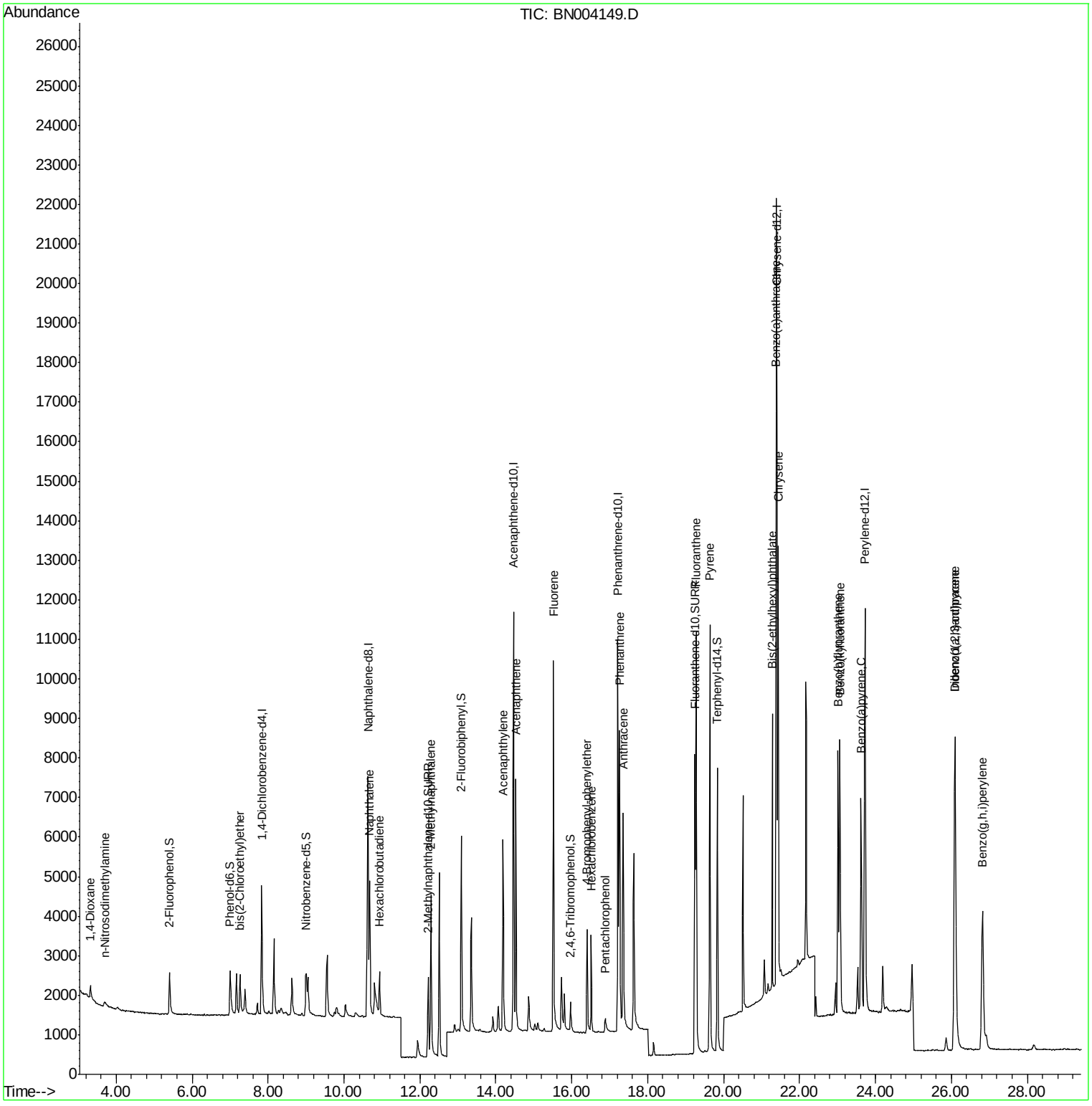
(#) = qualifier out of range (m) = manual integration (+) = signals summed

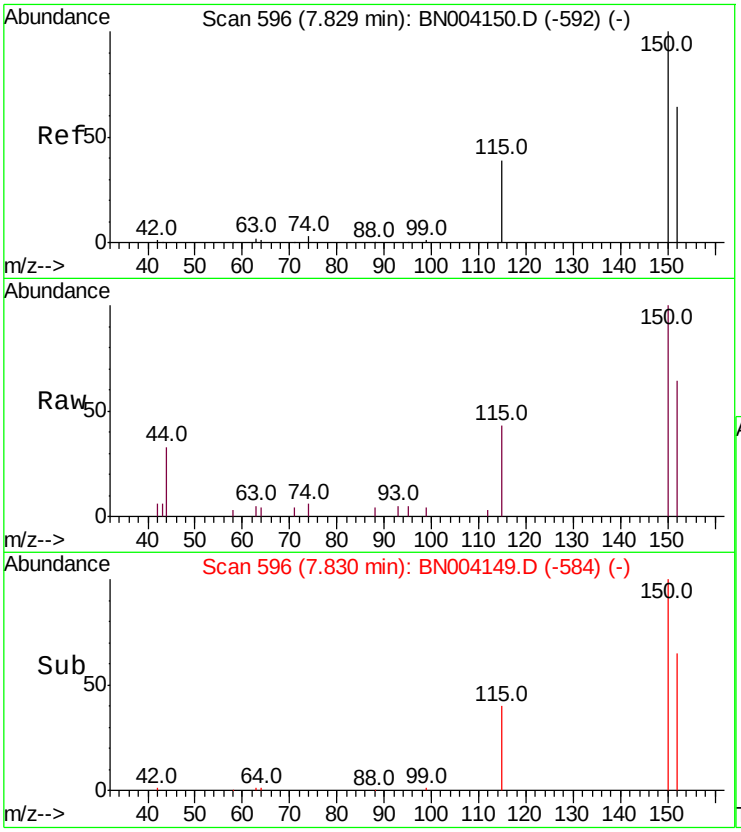
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122018\
Data File : BN004149.D
Acq On : 20 Dec 2018 14:27
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 16:28:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN122018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 16:25:43 2018
Response via : Initial Calibration



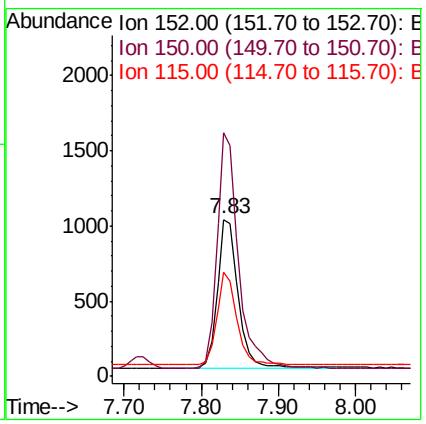


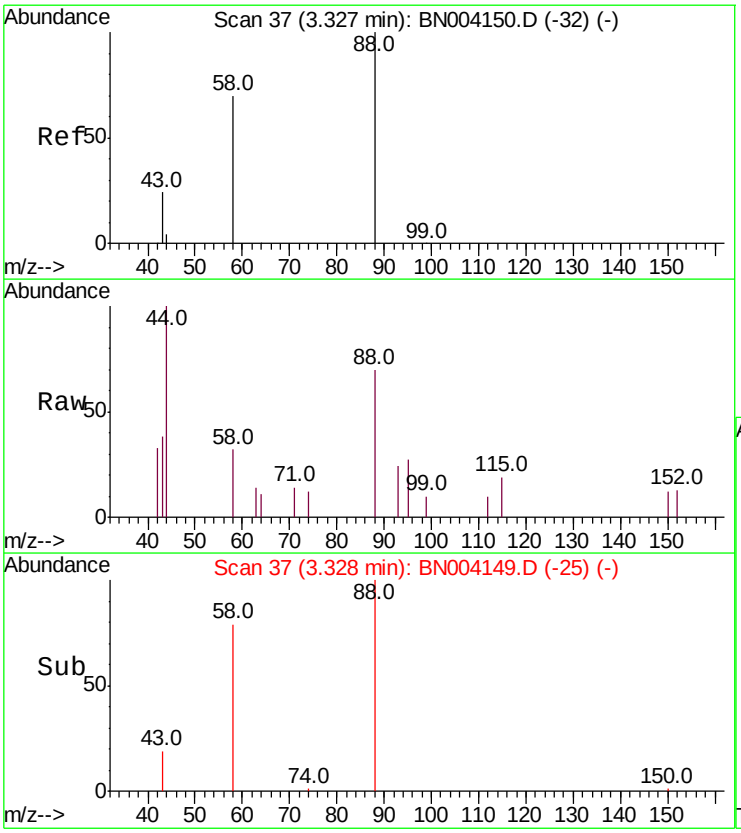
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 596
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1839

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	187.0
115	66.0	46.4	69.6

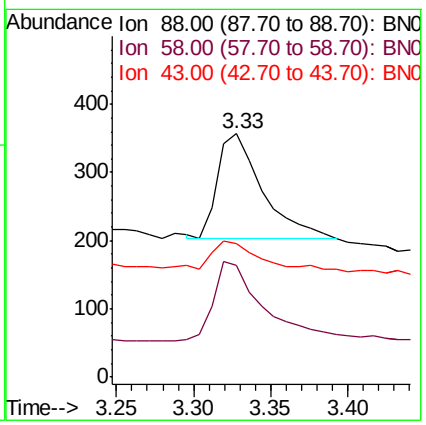


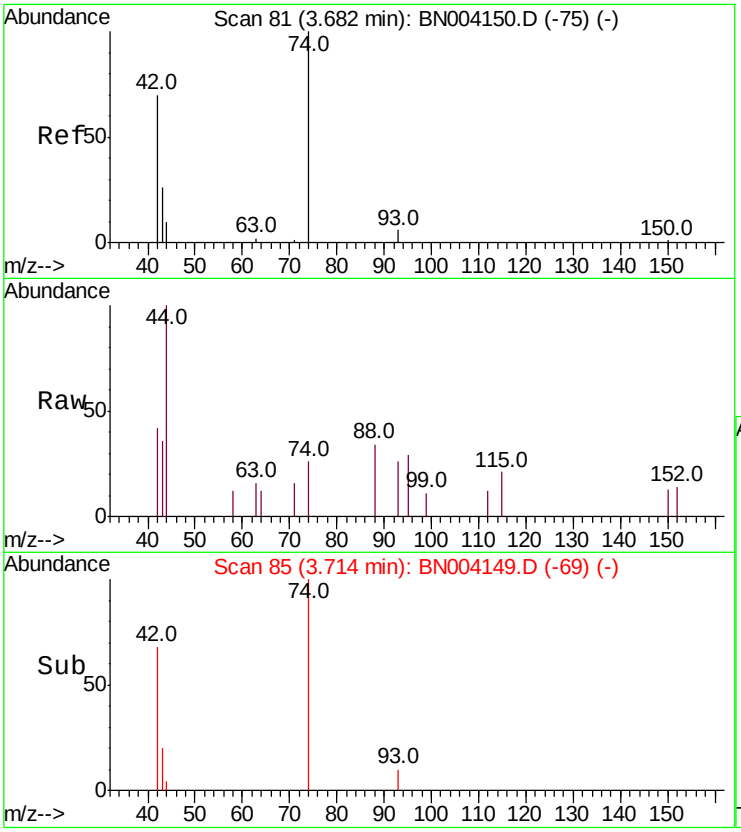


#2
1,4-Dioxane
Concen: 0.128 ng
RT: 3.33 min Scan# 37
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion: 88 Resp: 304

Ion	Ratio	Lower	Upper
88	100		
58	87.8	60.9	91.3
43	25.7	23.9	35.9



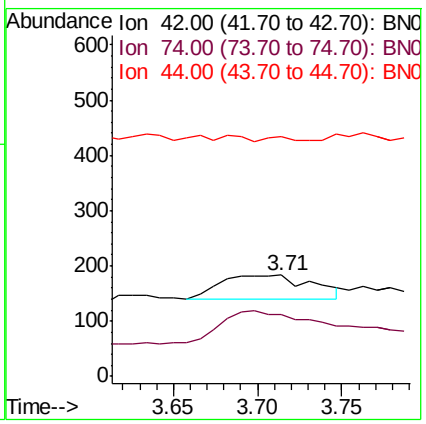


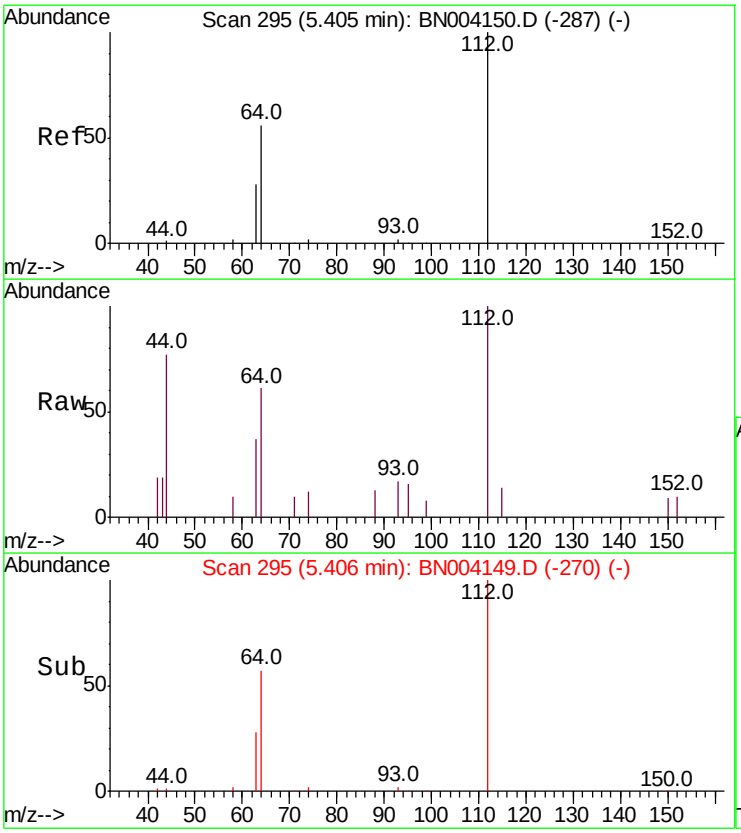
#3
n-Nitrosodimethylamine
Concen: 0.144 ng
RT: 3.71 min Scan# 85
Delta R.T. 0.03 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 158

Ion	Ratio	Lower	Upper
42	100		
74	140.5	99.1	148.7
44	7.6	4.2	6.4#

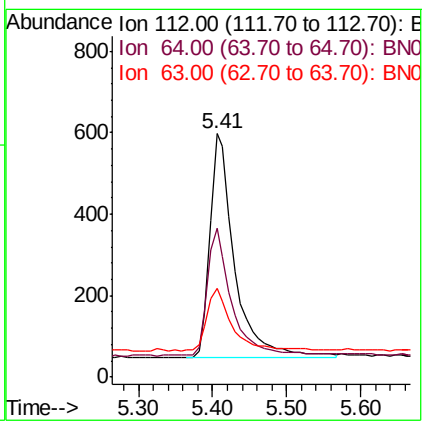


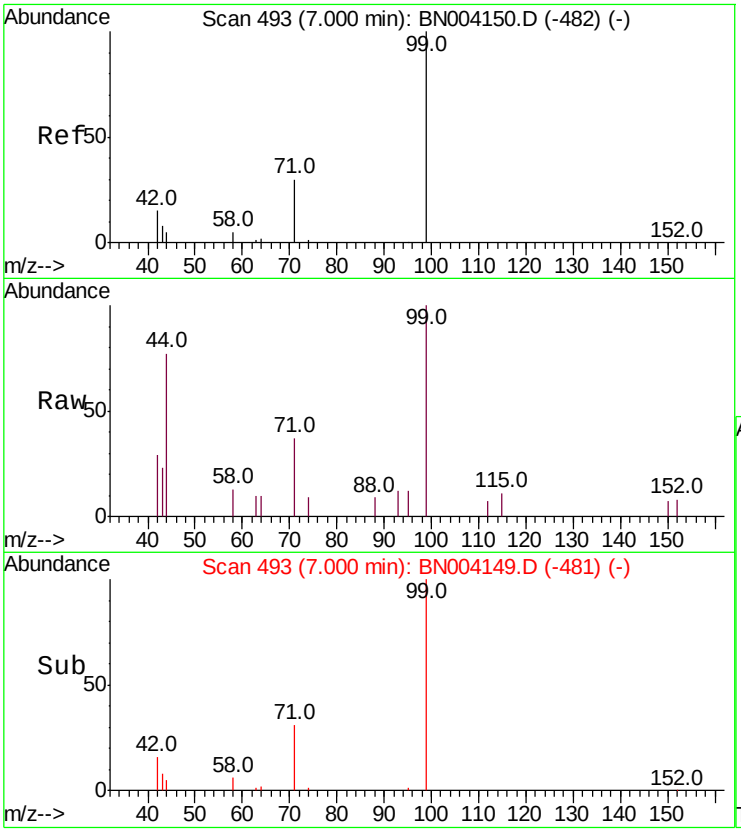


#4
2-Fluorophenol
Concen: 0.279 ng
RT: 5.41 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:112 Resp: 1270

Ion	Ratio	Lower	Upper
112	100		
64	56.9	44.3	66.5
63	28.3	22.4	33.6



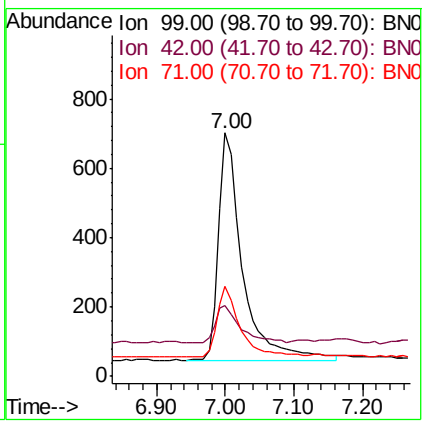


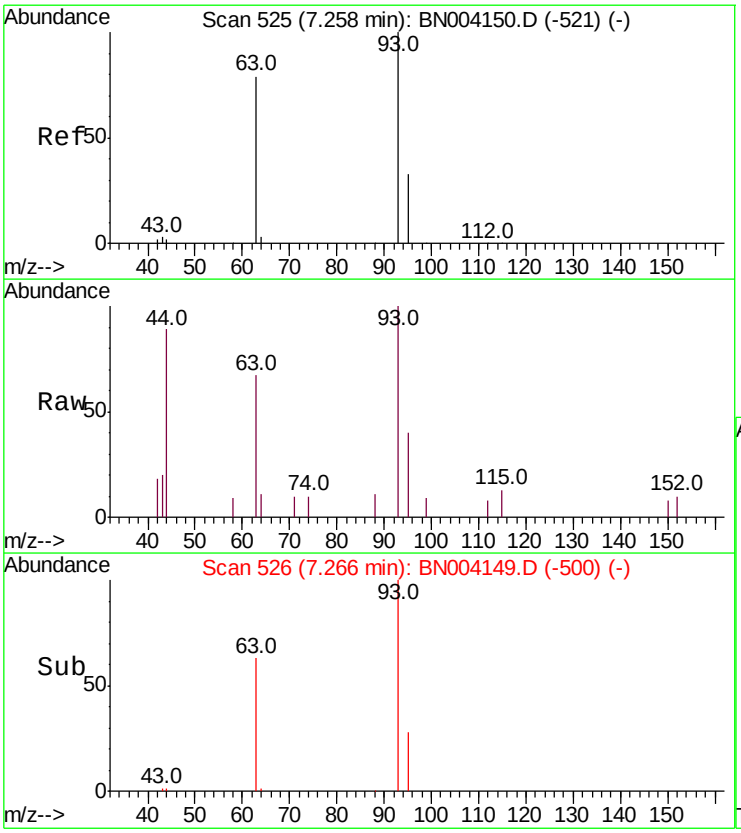
#5
Phenol-d6
Concen: 0.279 ng
RT: 7.00 min Scan# 493
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1604

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.8	22.2
71	30.6	24.8	37.2

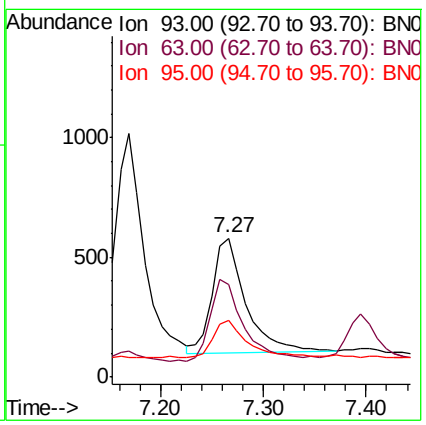


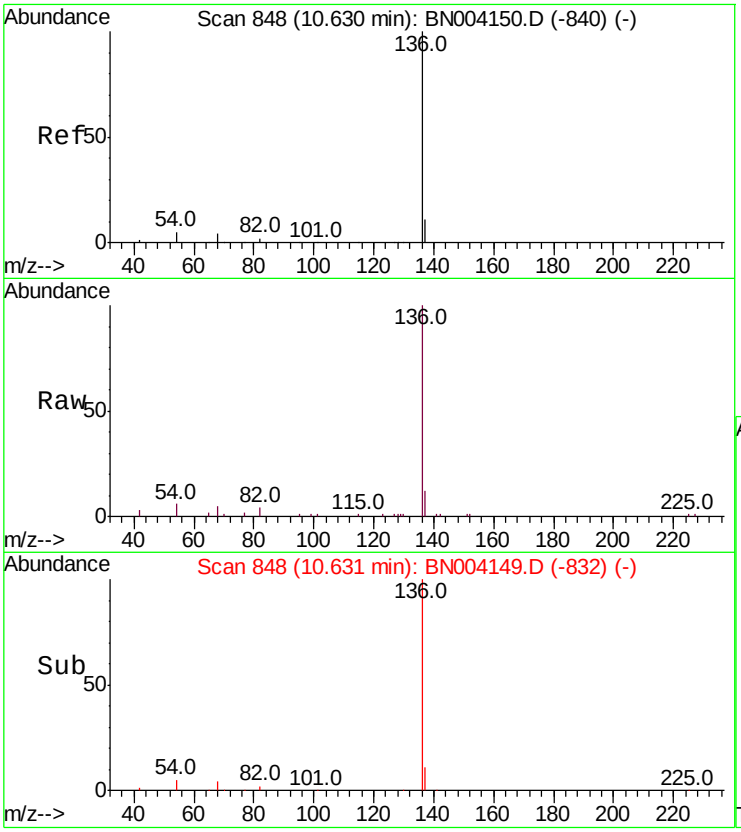


#6
bis(2-Chloroethyl)ether
Concen: 0.212 ng
RT: 7.27 min Scan# 526
Delta R.T. 0.01 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion: 93 Resp: 1087

Ion	Ratio	Lower	Upper
93	100		
63	71.9	55.8	83.6
95	32.2	25.4	38.2



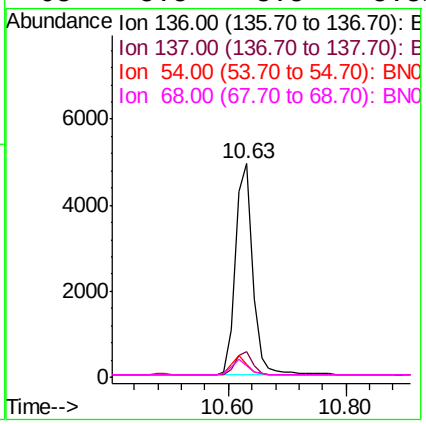


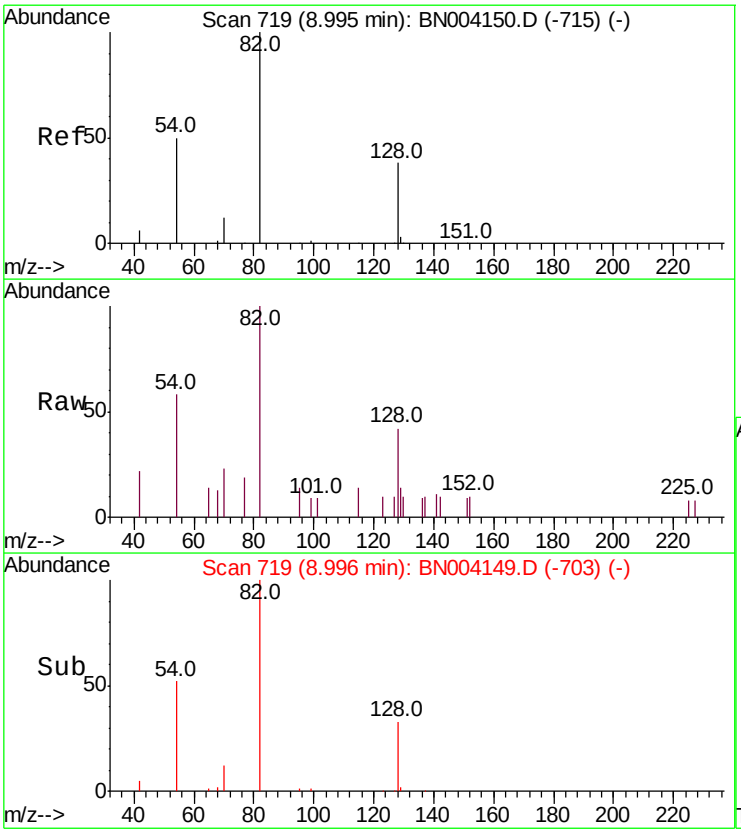
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 848
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 9973

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	6.1	4.1	6.1#
68	5.5	3.5	5.3#

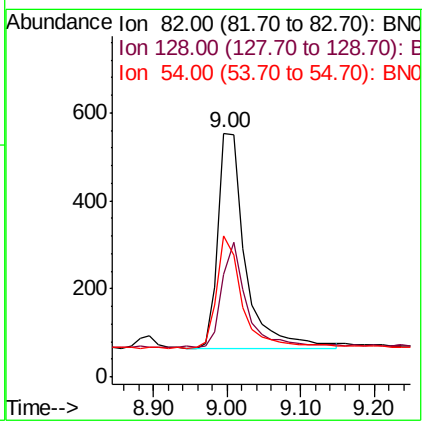


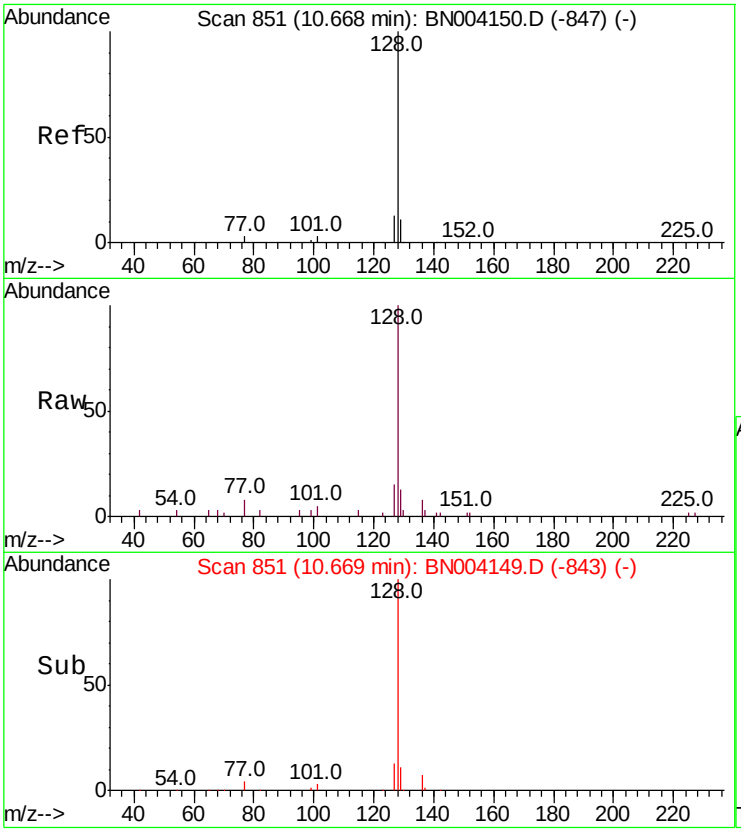


#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 9.00 min Scan# 719
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion: 82 Resp: 1268

Ion	Ratio	Lower	Upper
82	100		
128	42.1	28.9	43.3
54	58.0	46.1	69.1



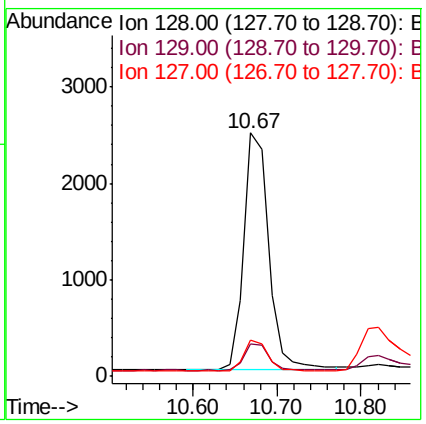


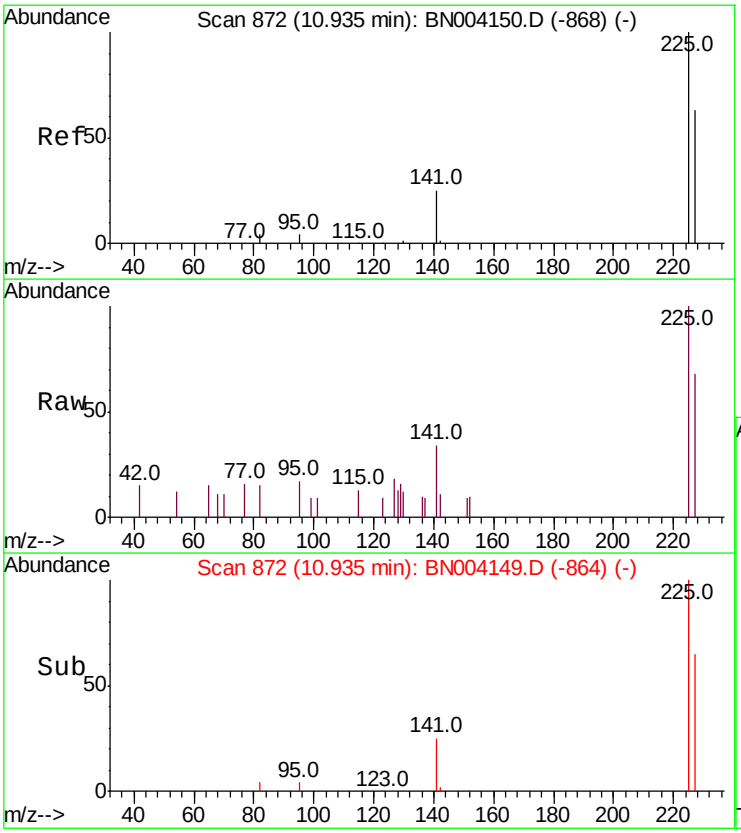
#9
Naphthalene
Concen: 0.209 ng
RT: 10.67 min Scan# 851
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 5107

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.1	13.7
127	15.1	10.2	15.4

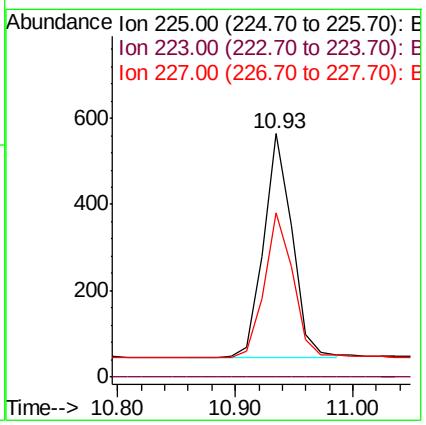


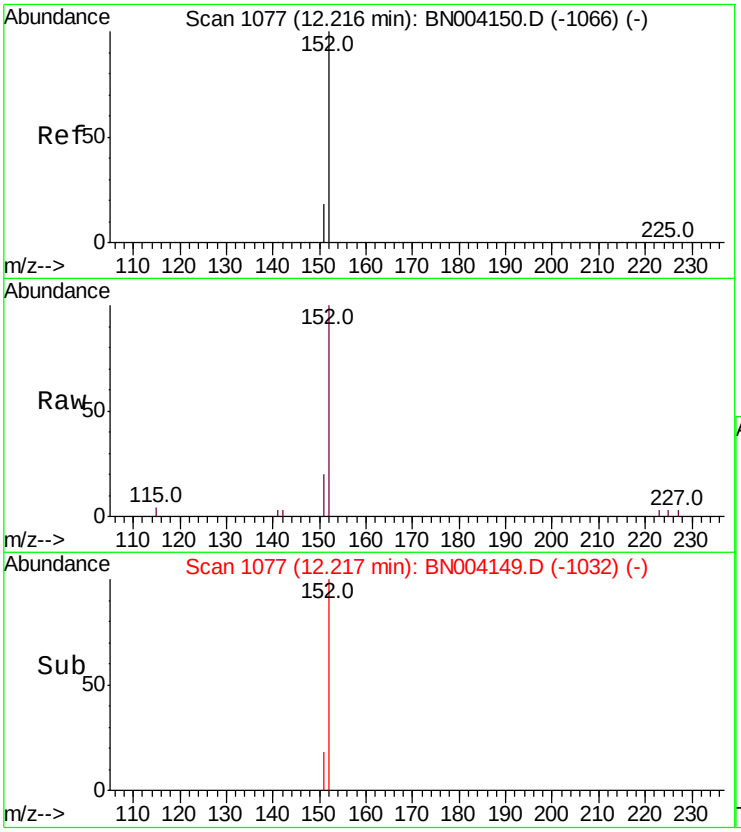


#10
Hexachlorobutadiene
Concen: 0.198 ng
RT: 10.93 min Scan# 872
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:225 Resp: 881

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.3	76.9



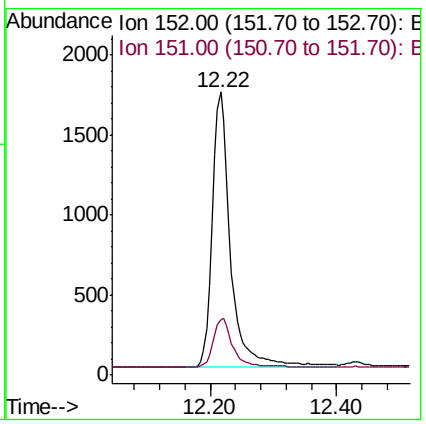


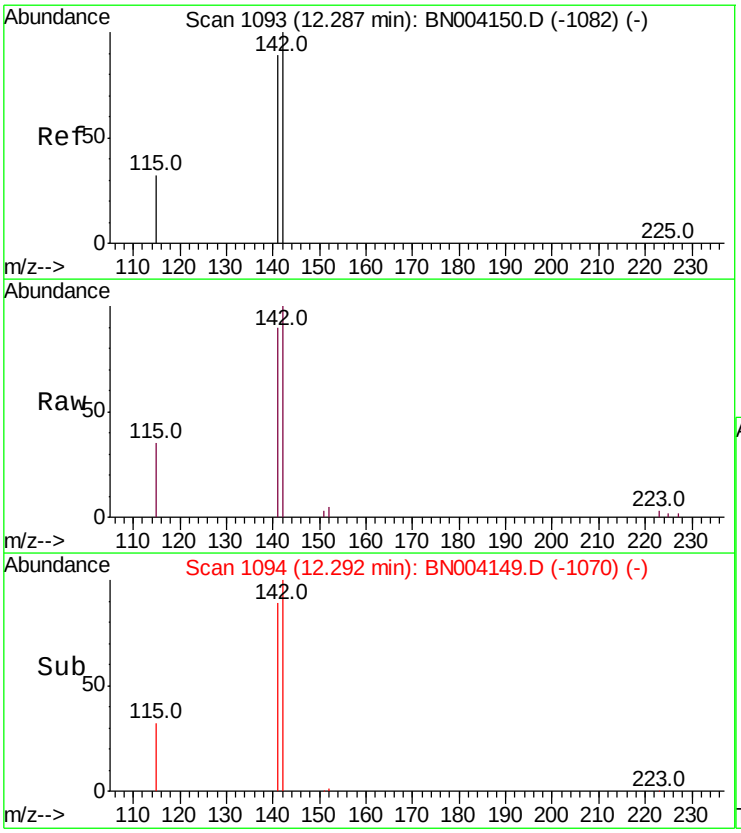
#11
2-Methylnaphthalene-d10
Concen: 0.212 ng
RT: 12.22 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3441

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.1	22.7

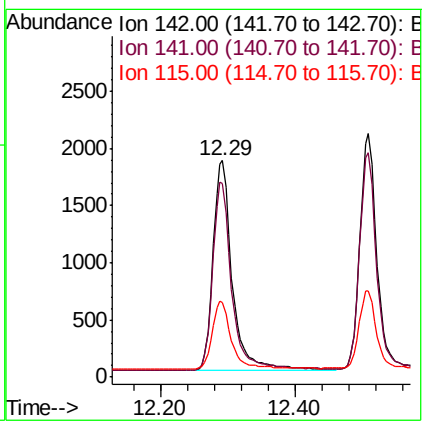


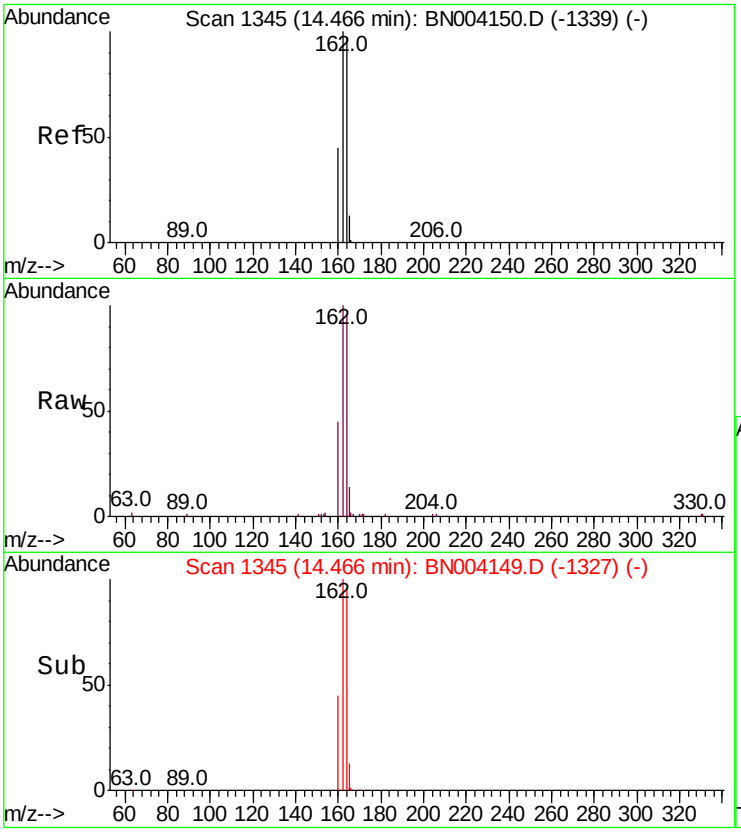


#12
2-Methylnaphthalene
Concen: 0.215 ng
RT: 12.29 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:142 Resp: 3664

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	34.7	27.0	40.6



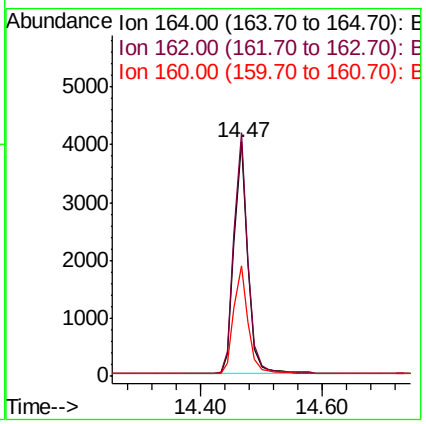


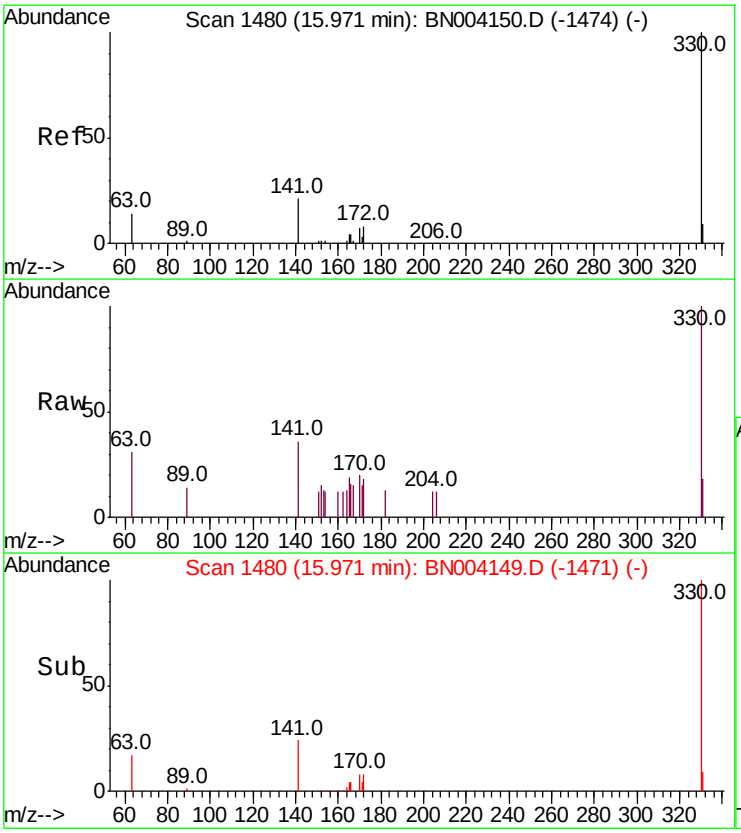
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 6235

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.6
160	47.0	37.2	55.8

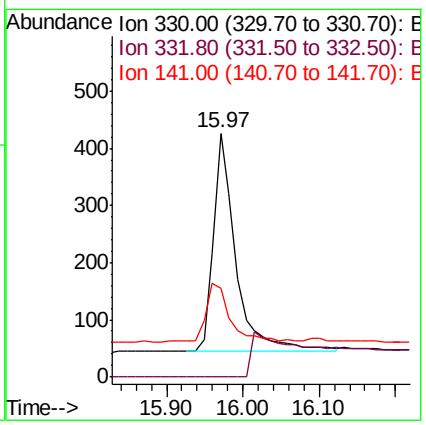


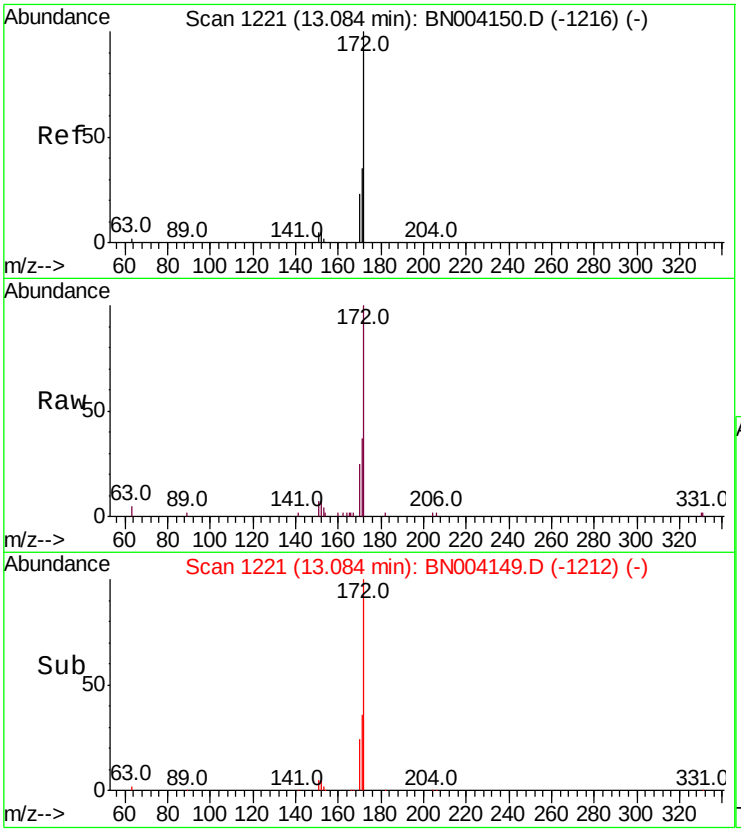


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.97 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:330 Resp: 769

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.0	28.3	42.5



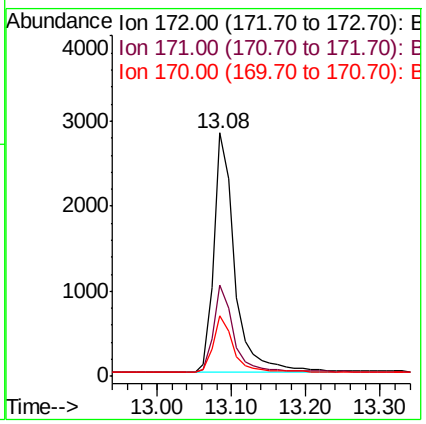


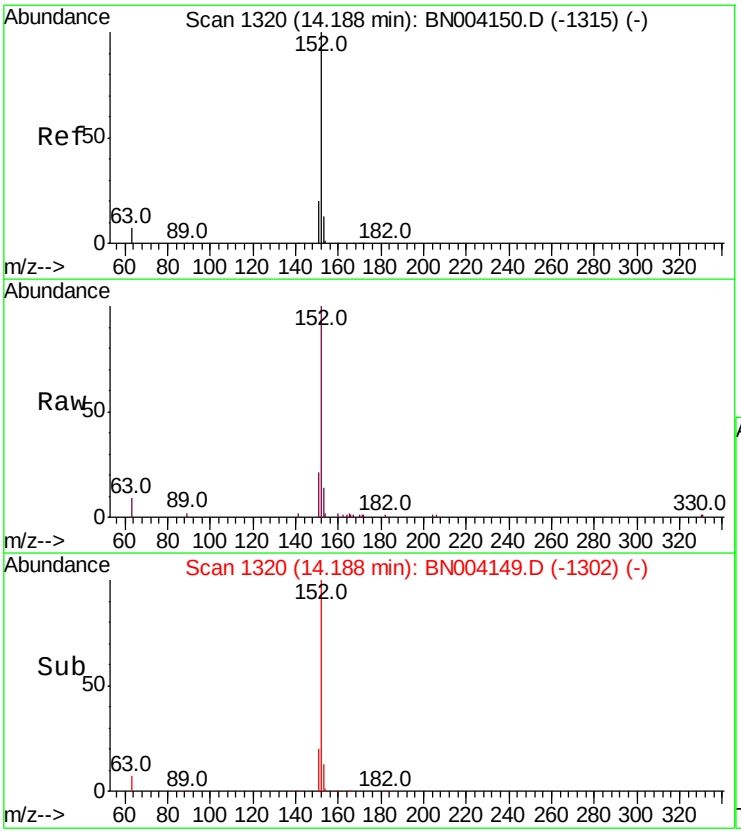
#15
2-Fluorobiphenyl
Concen: 0.205 ng
RT: 13.08 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5508

Ion	Ratio	Lower	Upper
172	100		
171	37.3	27.1	40.7
170	25.0	17.4	26.0

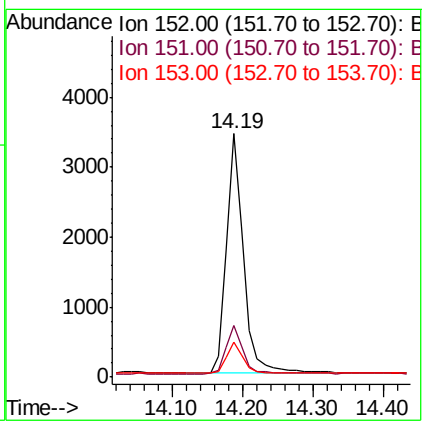


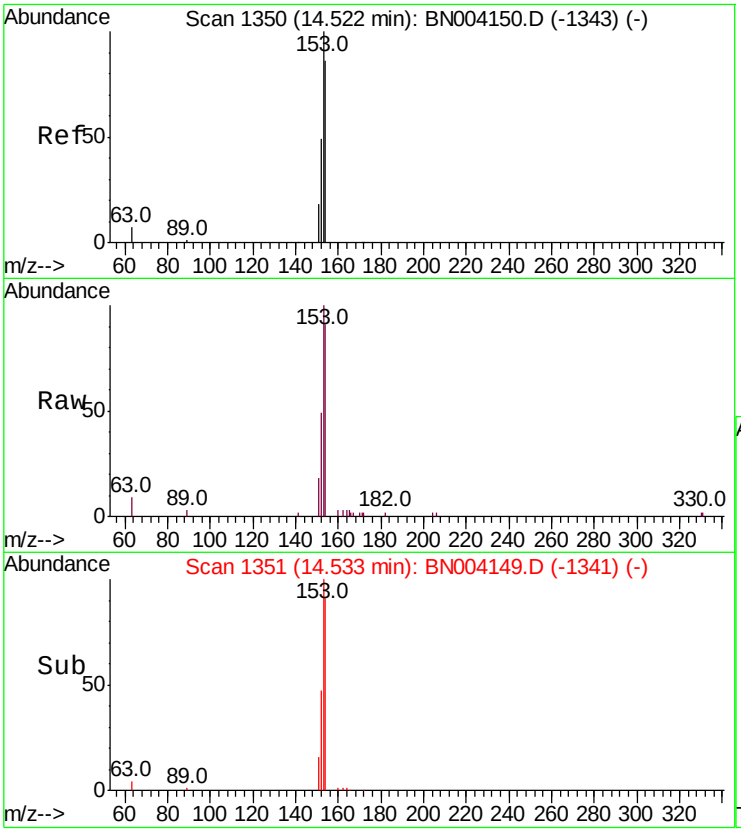


#16
Acenaphthylene
Concen: 0.211 ng
RT: 14.19 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:152 Resp: 5870

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.0	10.6	15.8



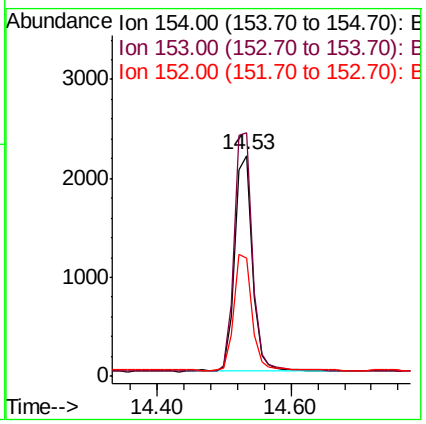


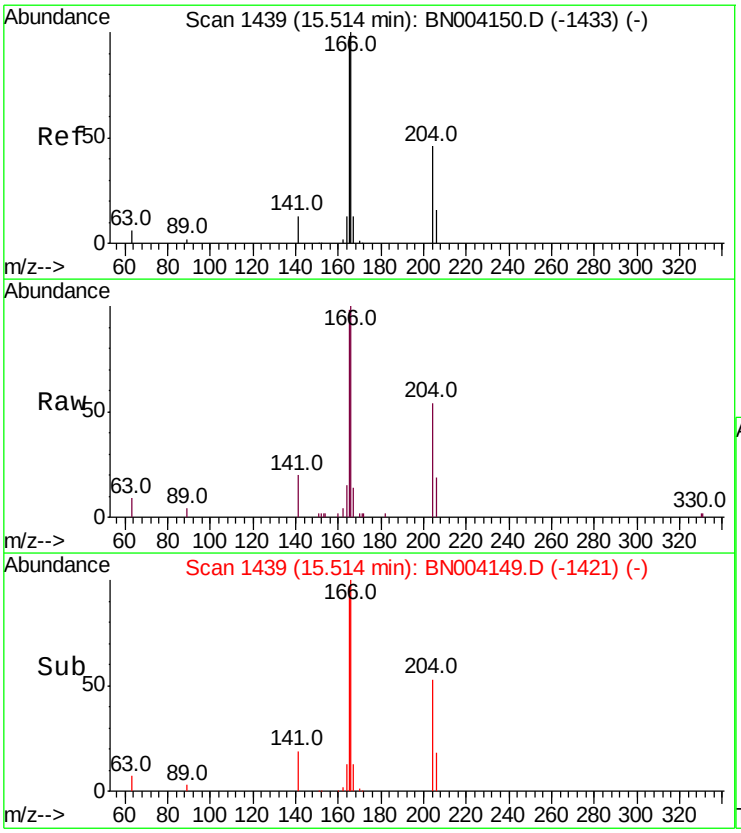
#17
Acenaphthene
Concen: 0.207 ng
RT: 14.53 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3985

Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.9	133.3
152	54.8	43.5	65.3

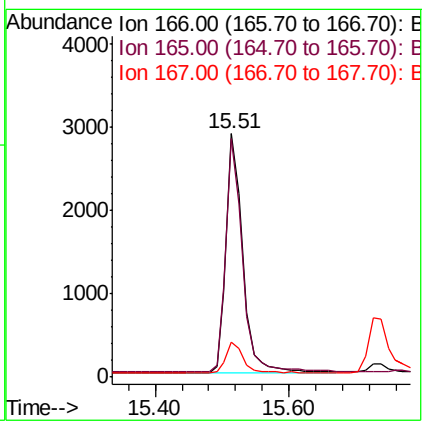


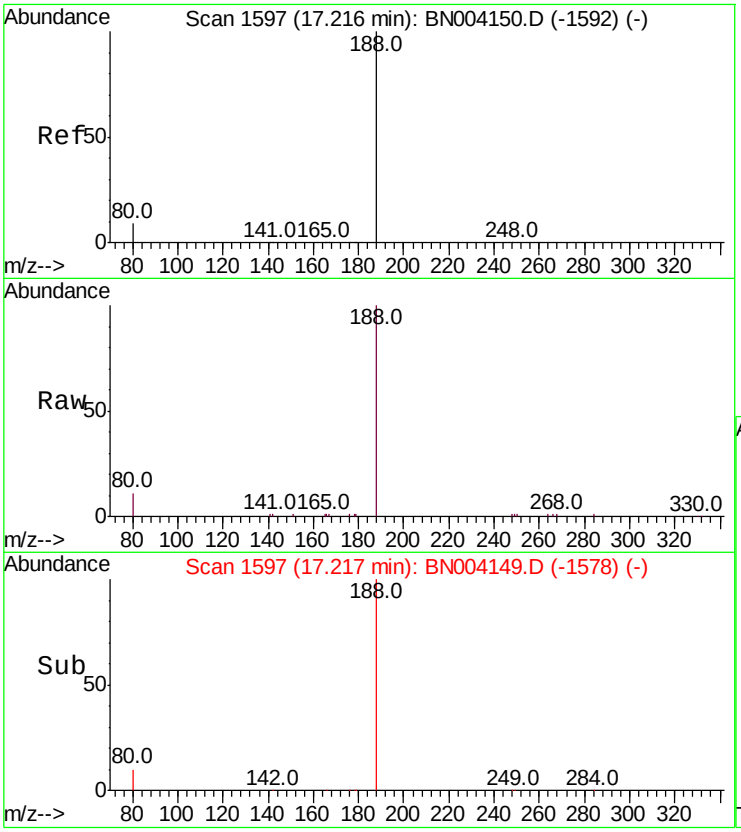


#18
Fluorene
Concen: 0.206 ng
RT: 15.51 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:166 Resp: 4965

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.8	116.8
167	13.4	10.9	16.3



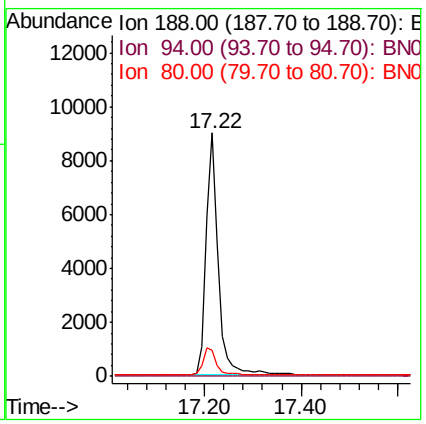


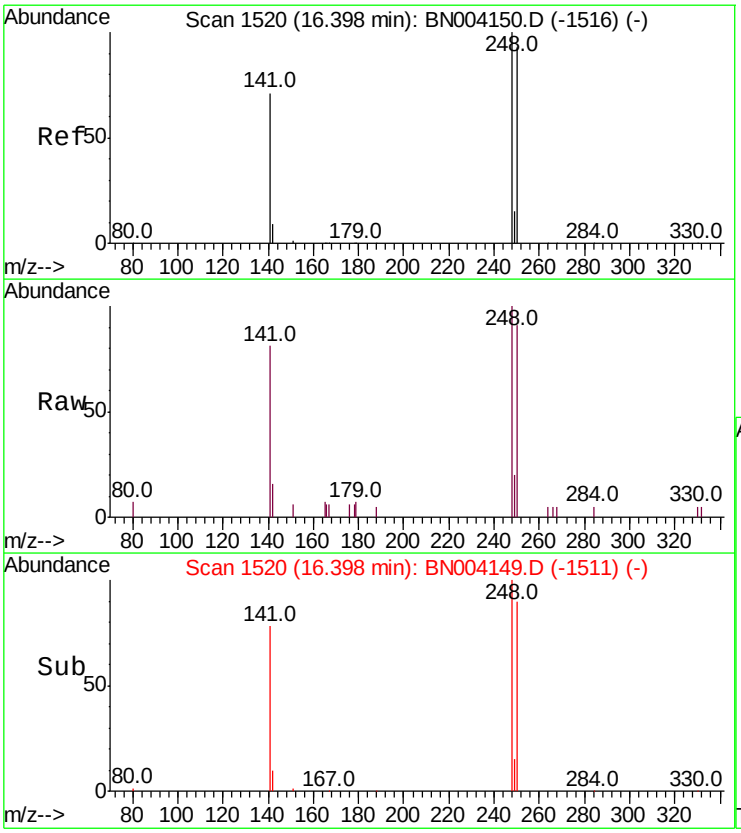
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 15751

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	8.6	12.8

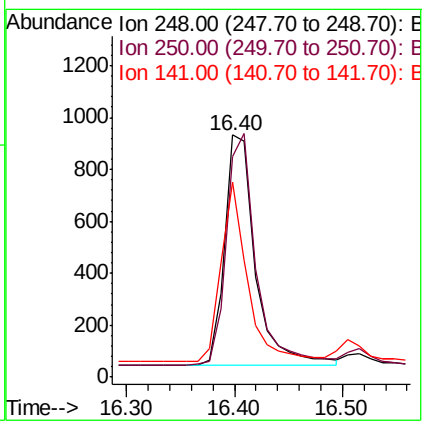


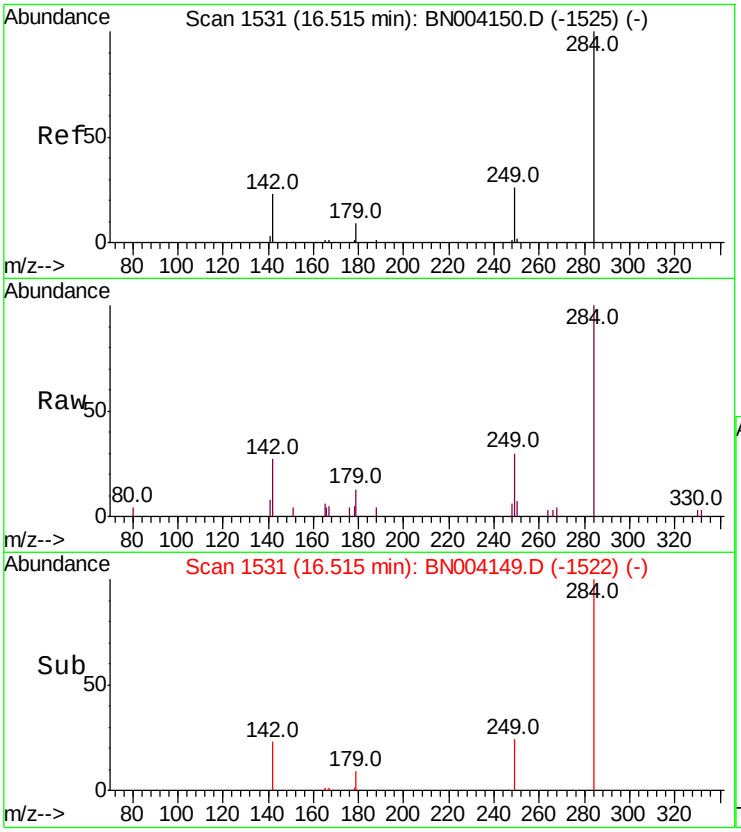


#20
4-Bromophenyl-phenylether
Concen: 0.192 ng
RT: 16.40 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:248 Resp: 1749

Ion	Ratio	Lower	Upper
248	100		
250	90.9	83.7	125.5
141	80.7	31.4	47.0#



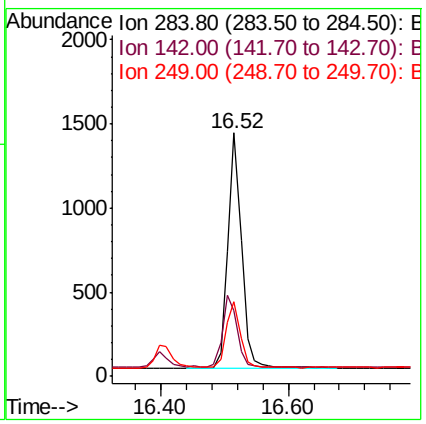


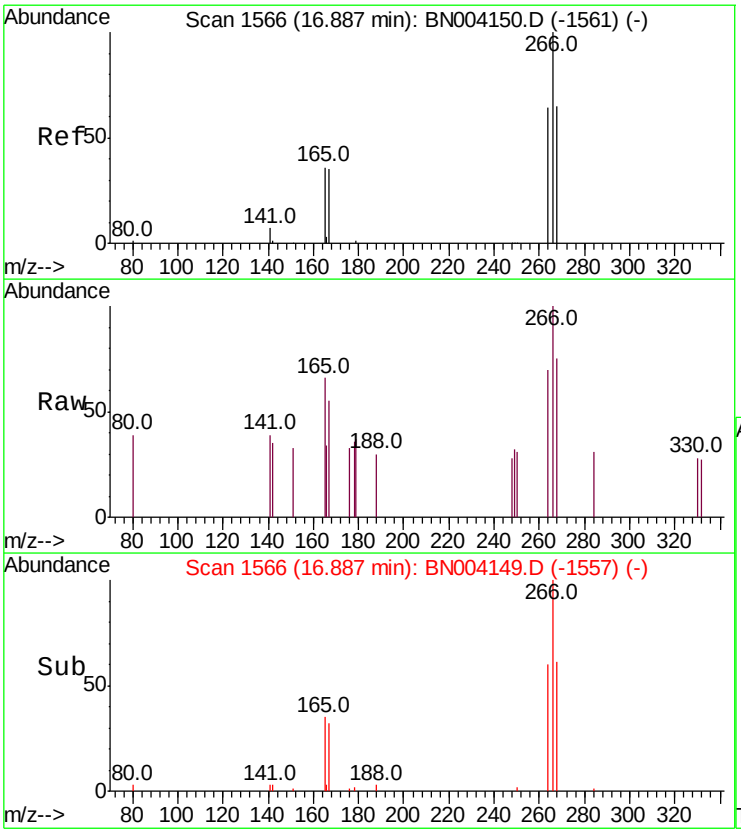
#21
Hexachlorobenzene
Concen: 0.215 ng
RT: 16.52 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 2071

Ion	Ratio	Lower	Upper
284	100		
142	32.2	29.7	44.5
249	29.2	24.0	36.0

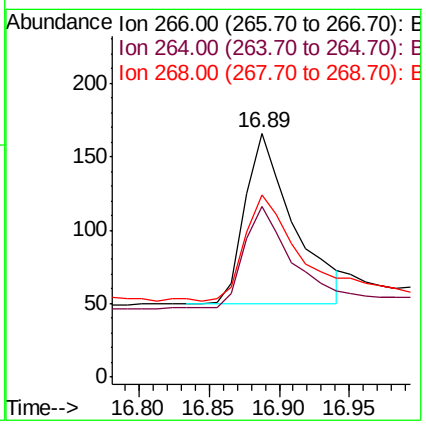


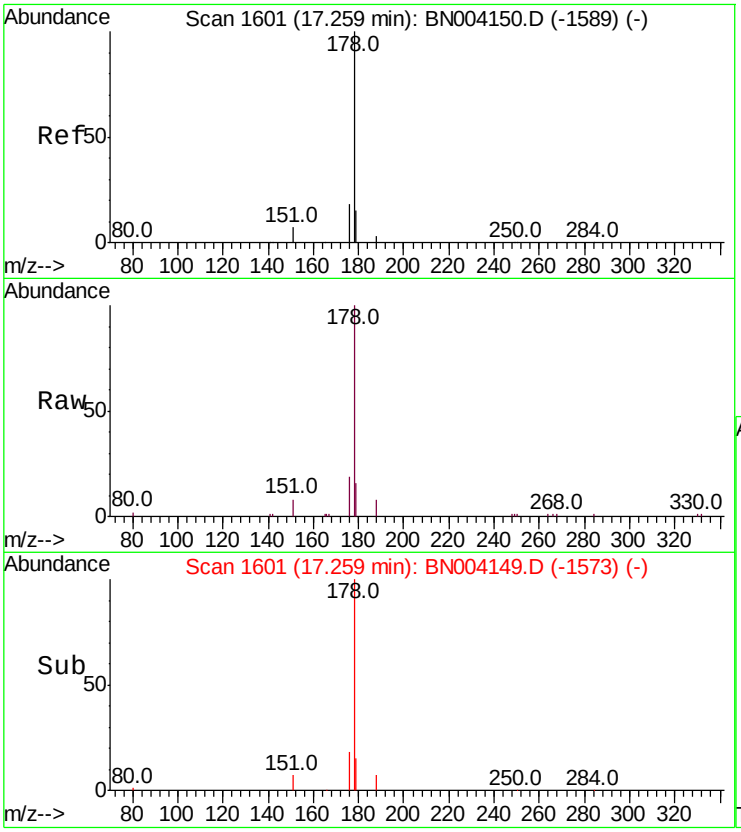


#22
Pentachlorophenol
Concen: 0.107 ng
RT: 16.89 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:266 Resp: 279

Ion	Ratio	Lower	Upper
266	100		
264	69.9	52.1	78.1
268	74.7	51.8	77.6



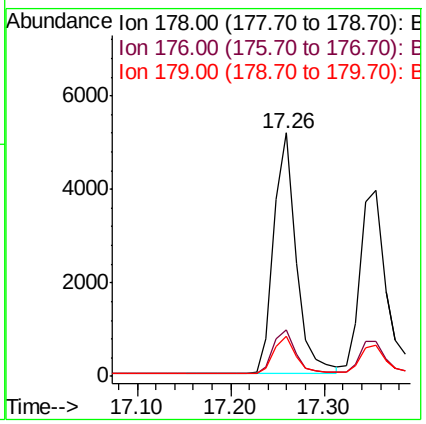


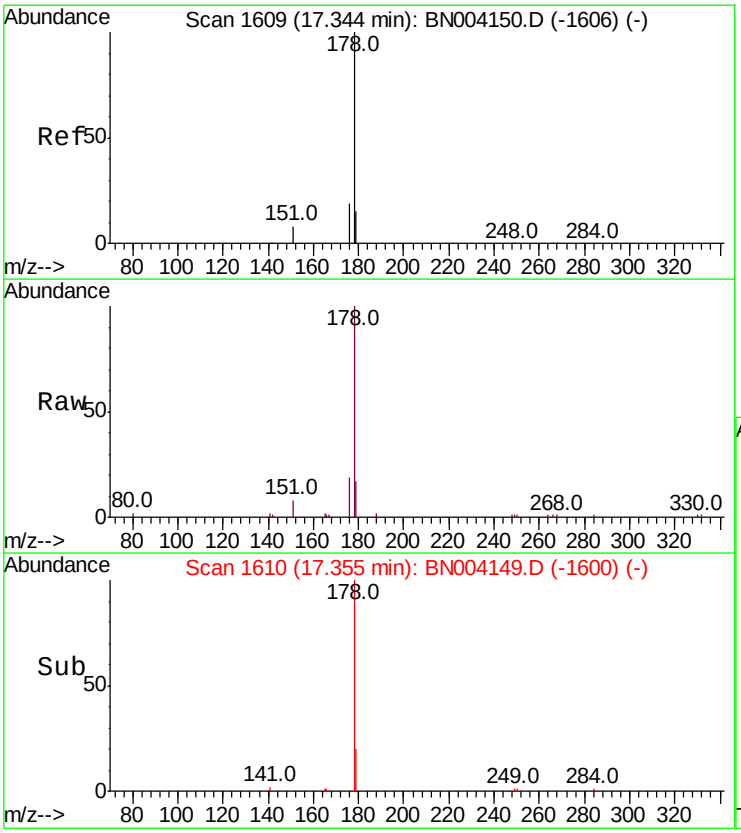
#23
Phenanthrene
Concen: 0.197 ng
RT: 17.26 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 8532

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.5	12.4	18.6

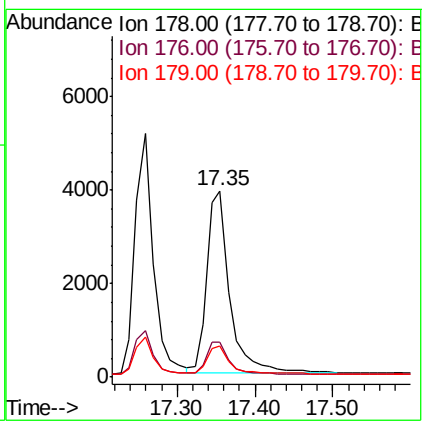


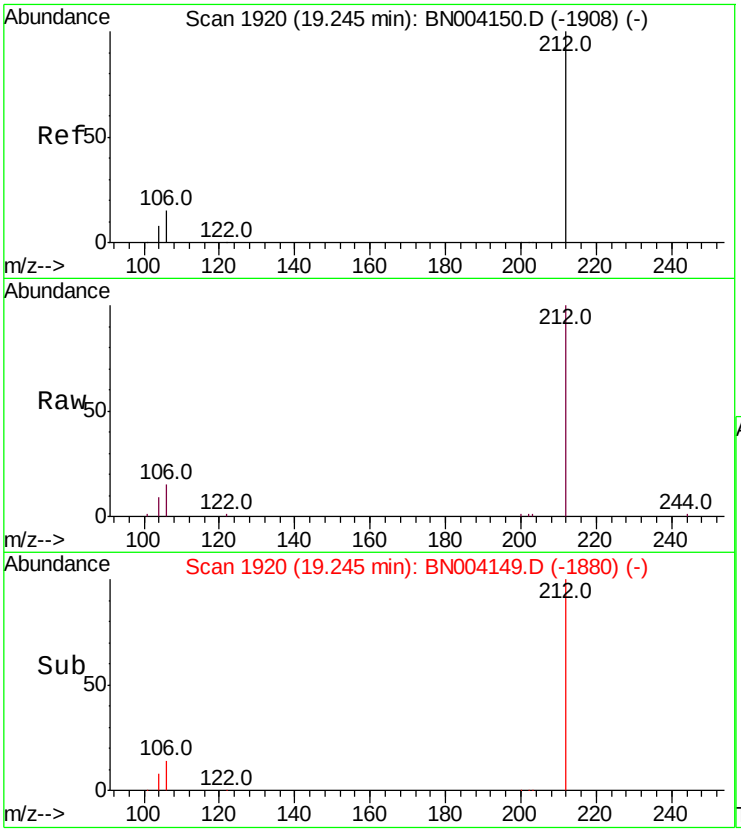


#24
Anthracene
Concen: 0.210 ng
RT: 17.35 min Scan# 1610
Delta R.T. 0.01 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:178 Resp: 7770

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.5	21.7
179	15.2	12.2	18.4



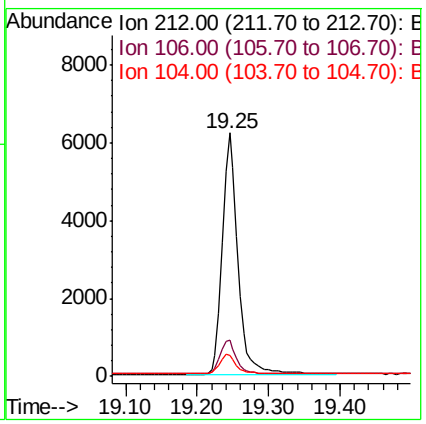


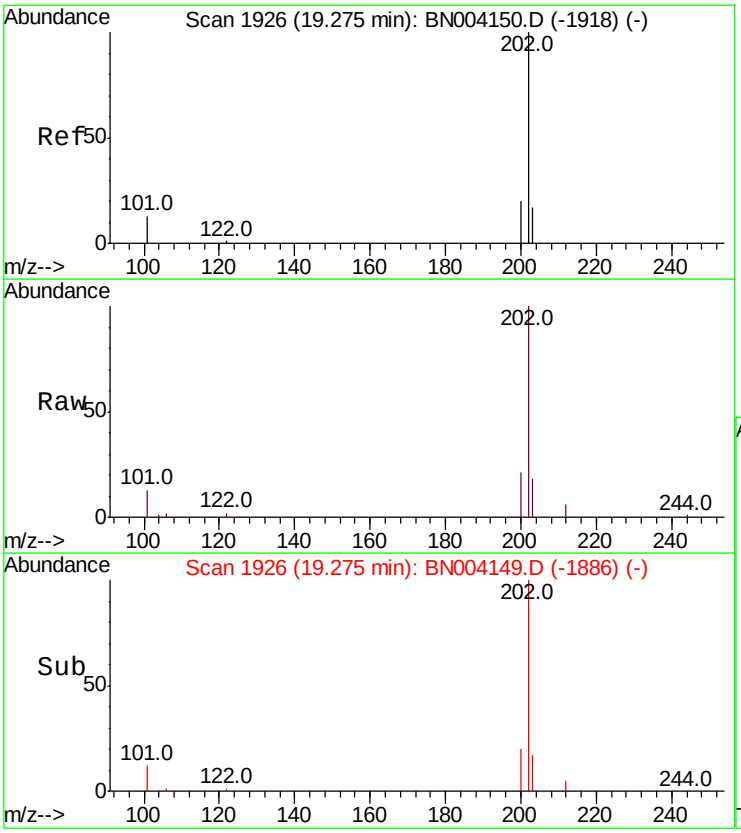
#25
Fluoranthene-d10
Concen: 0.205 ng
RT: 19.25 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 9407

Ion	Ratio	Lower	Upper
212	100		
106	14.8	10.3	15.5
104	8.2	5.6	8.4

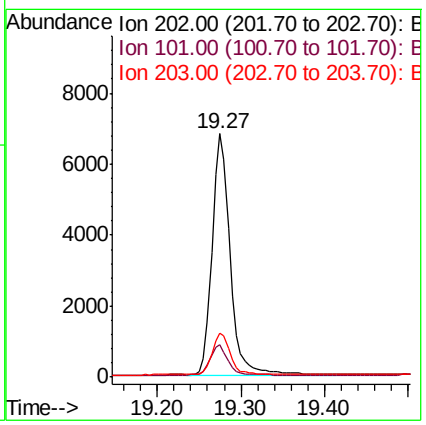


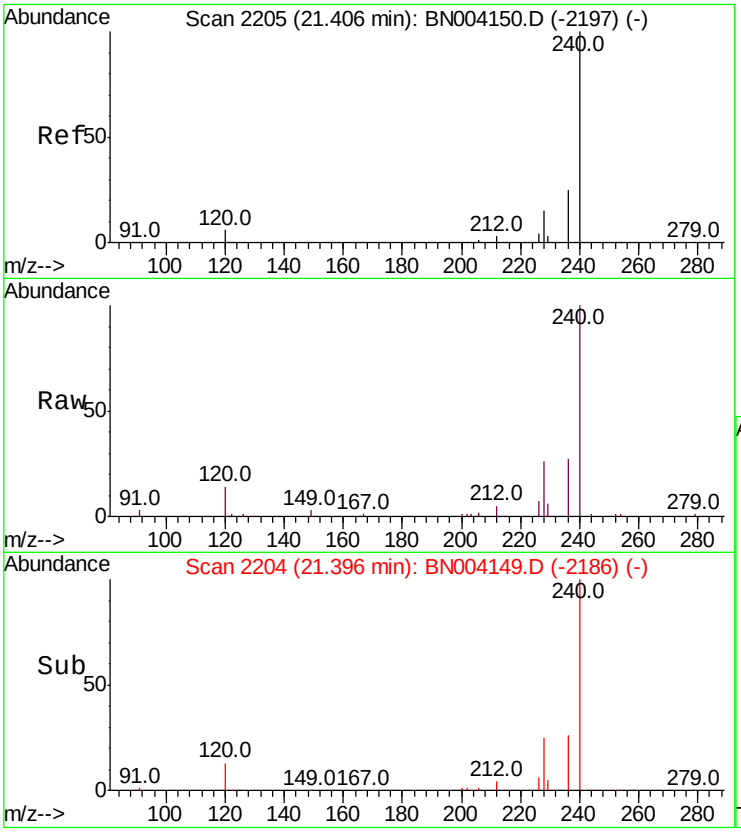


#26
Fluoranthene
Concen: 0.205 ng
RT: 19.27 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:202 Resp: 10165

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.0	13.4
203	17.1	13.8	20.6



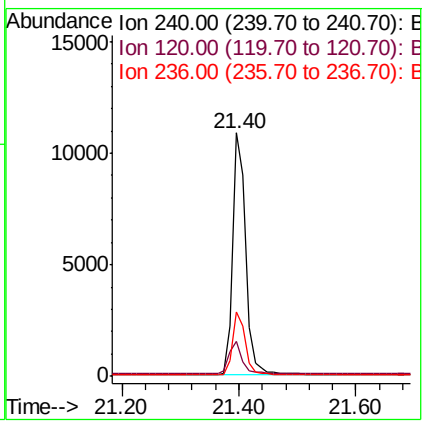


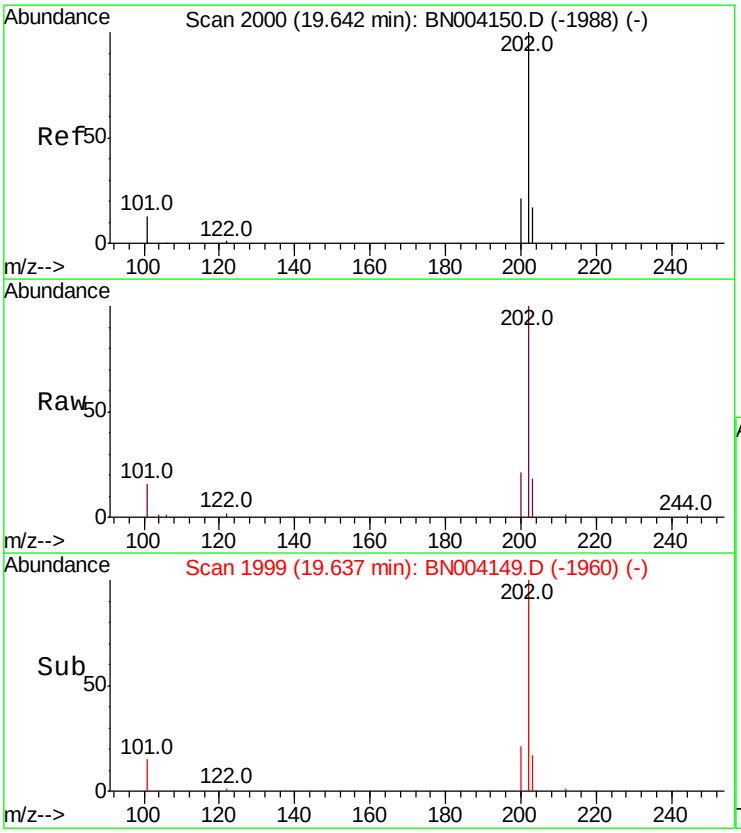
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 16366

Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.3	13.9#
236	26.7	21.0	31.4

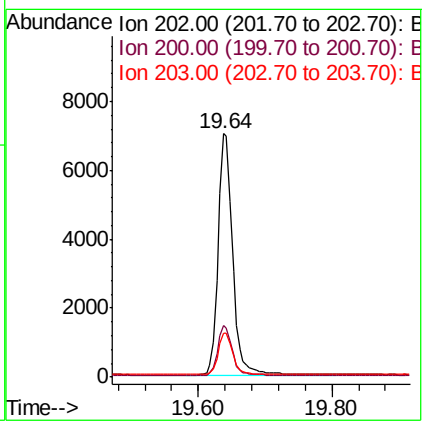


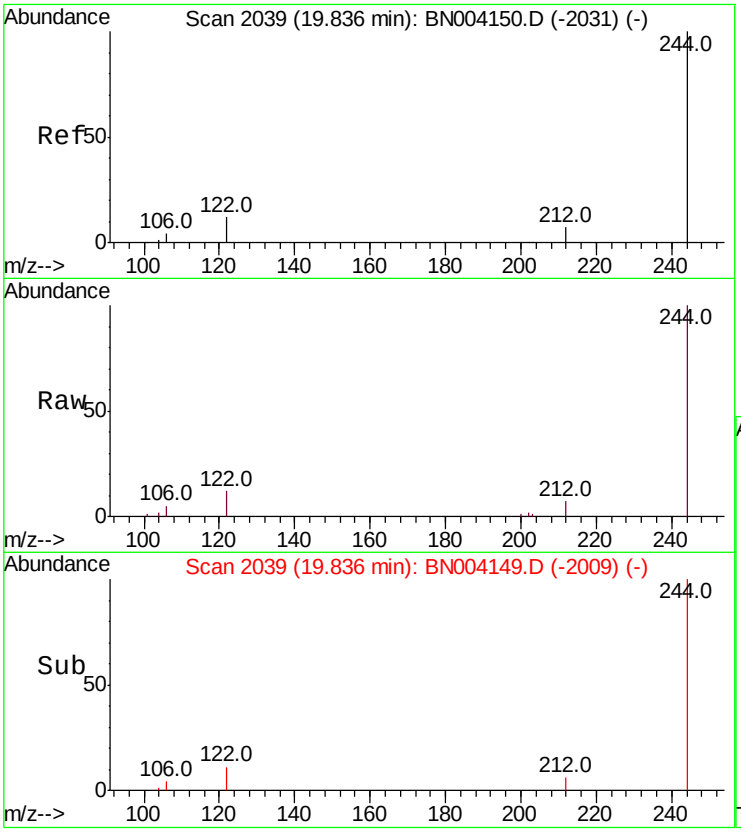


#28
Pyrene
Concen: 0.234 ng
RT: 19.64 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:202 Resp: 10577

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.5	24.7
203	17.6	13.9	20.9



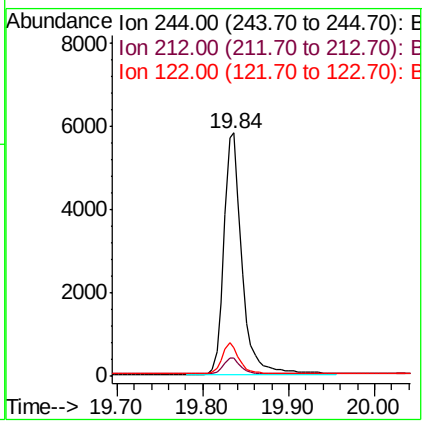


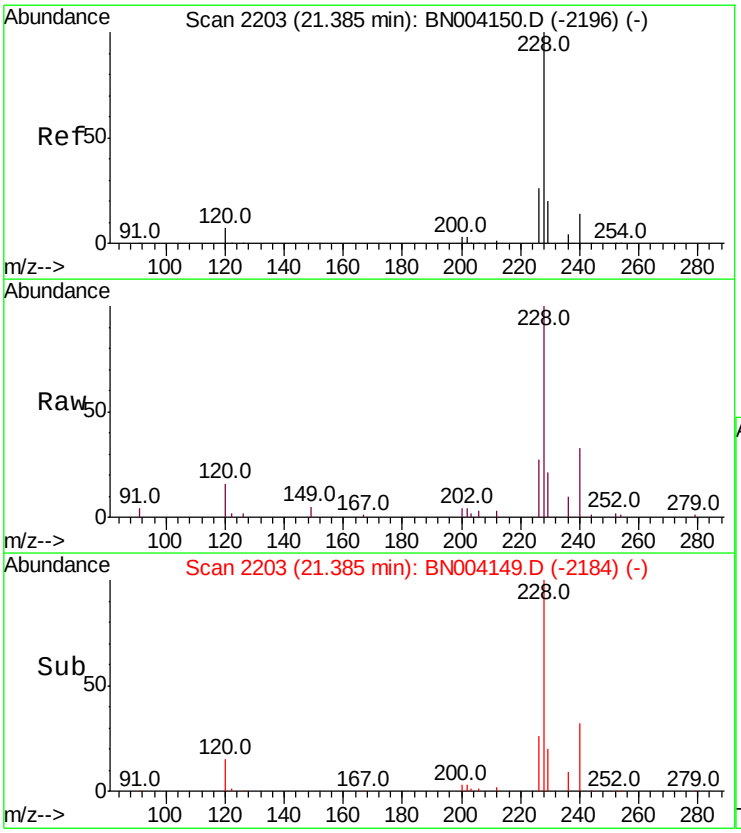
#29
Terphenyl-d14
Concen: 0.222 ng
RT: 19.84 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8451

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.8	8.5	12.7

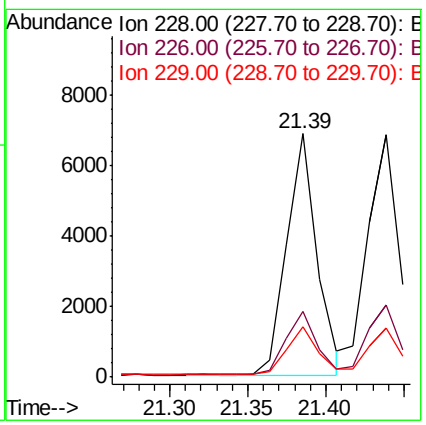


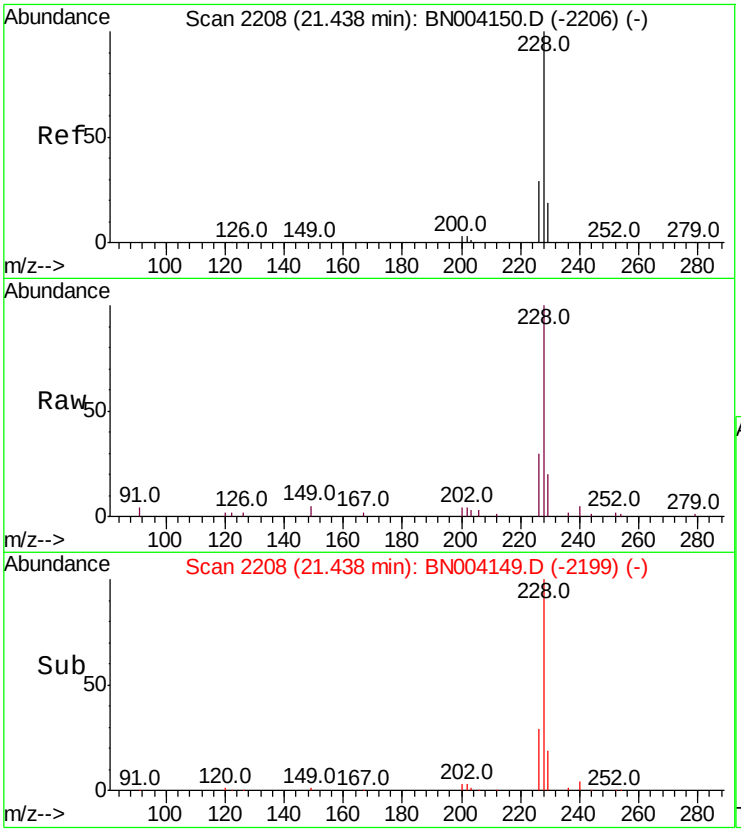


#30
Benzo(a)anthracene
Concen: 0.214 ng
RT: 21.39 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:228 Resp: 9159

Ion	Ratio	Lower	Upper
228	100		
226	26.9	20.8	31.2
229	20.6	16.1	24.1



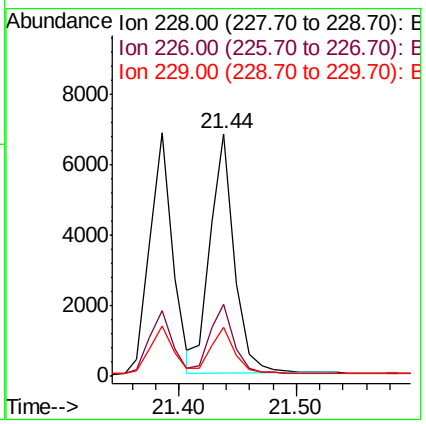


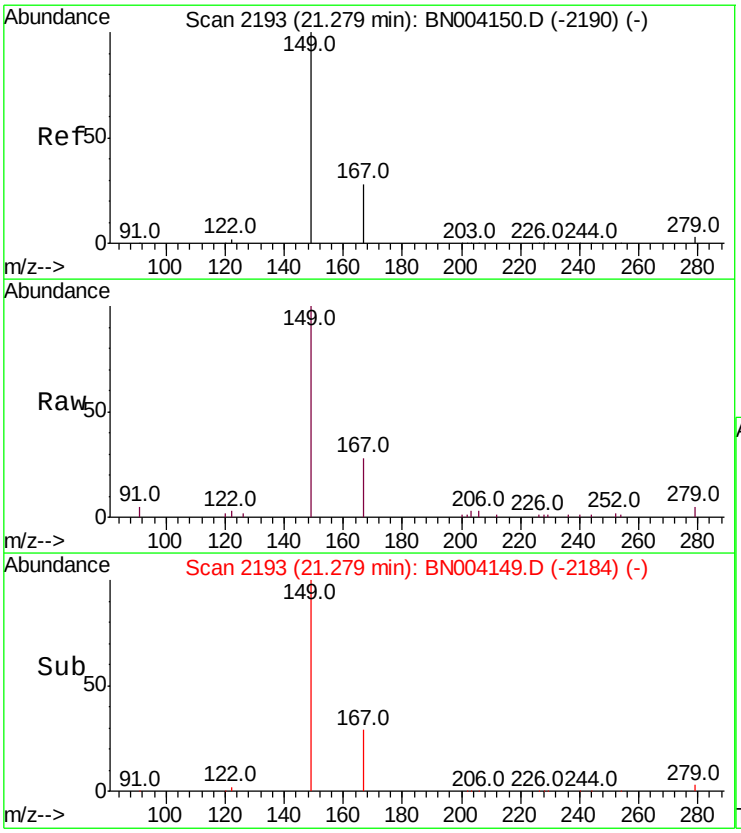
#31
Chrysene
Concen: 0.213 ng
RT: 21.44 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 9840

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.7	34.1
229	20.3	16.0	24.0

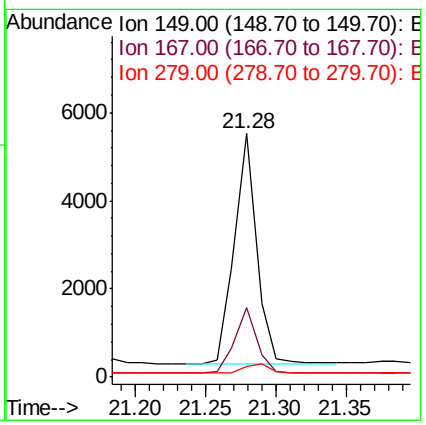


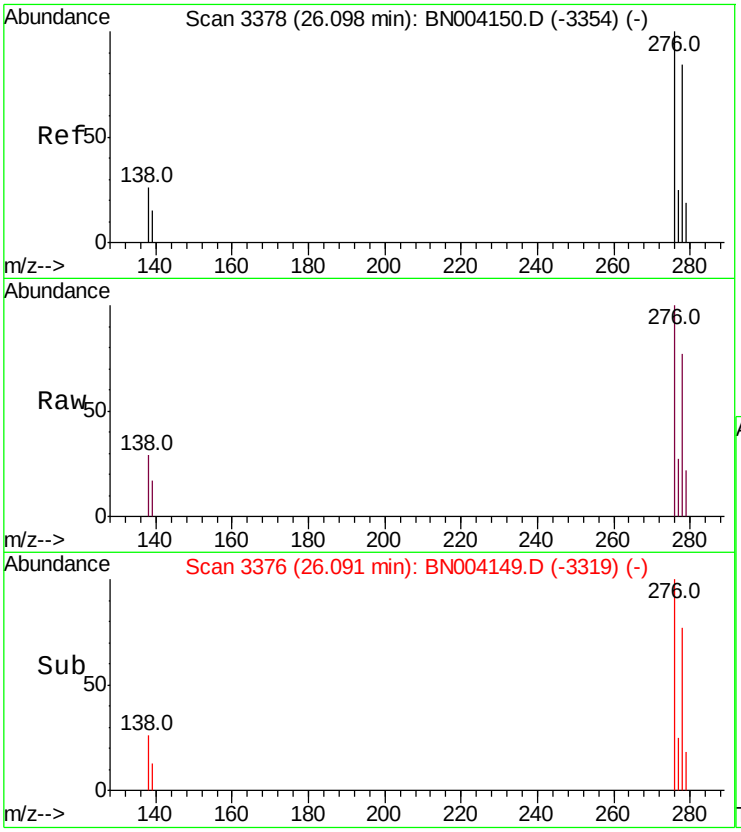


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.452 ng
RT: 21.28 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:149 Resp: 5743

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.4	33.6
279	5.3	3.9	5.9



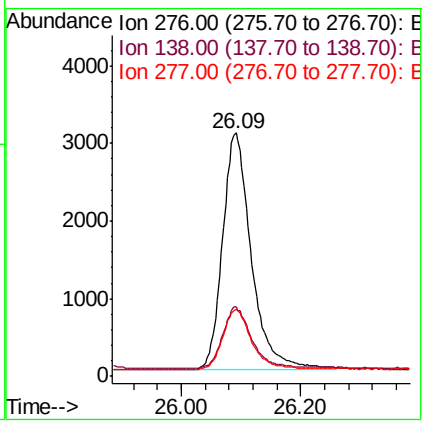


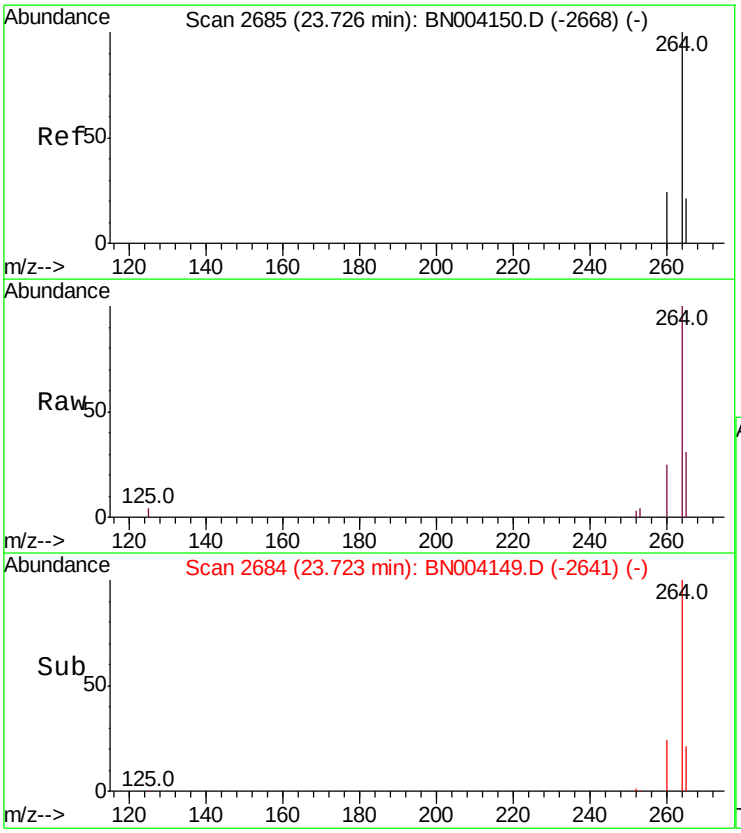
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng
RT: 26.09 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 10288

Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.6	30.8
277	24.7	20.0	30.0

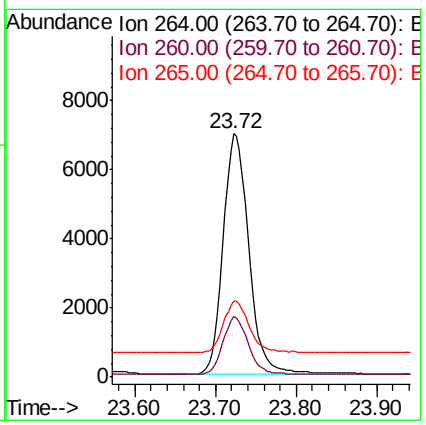


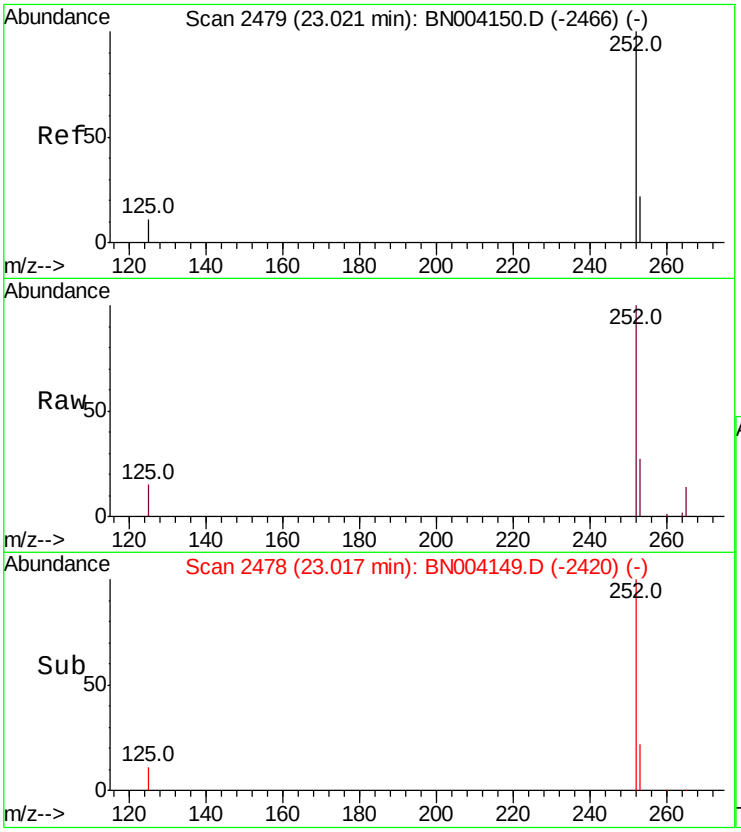


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.72 min Scan# 2684
Delta R.T. -0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:264 Resp: 15398

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.1	28.7
265	31.1	26.4	39.6



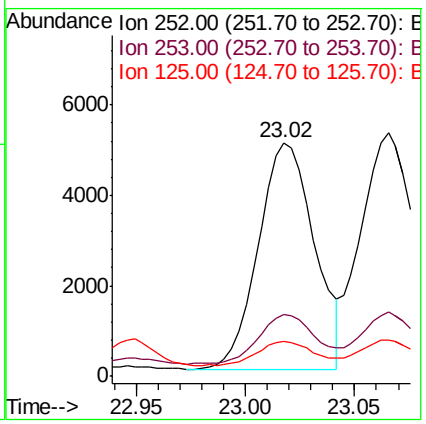


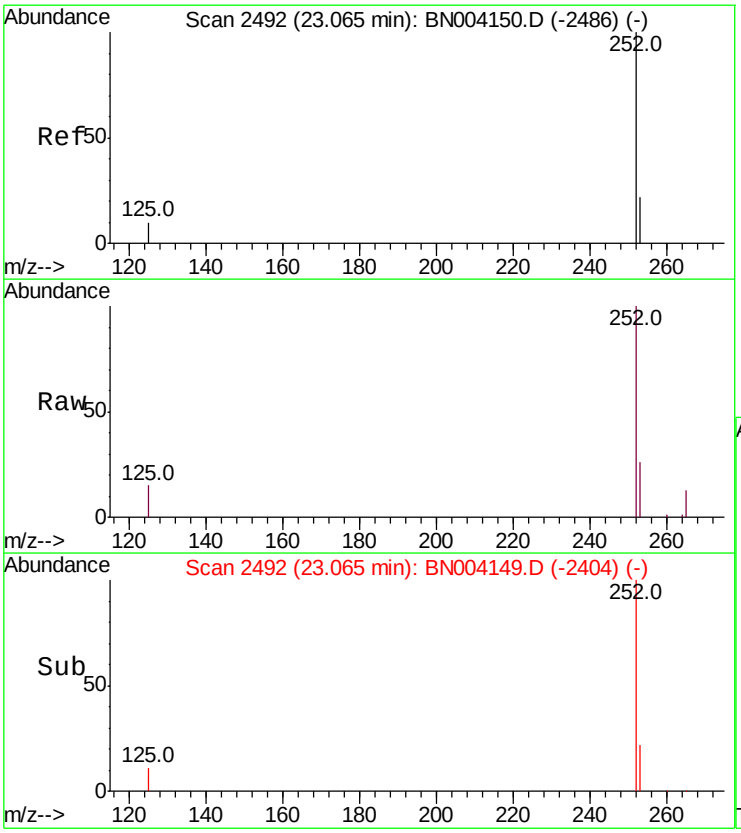
#35
Benzo(b)fluoranthene
Concen: 0.186 ng
RT: 23.02 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8928

Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.3	28.9
125	15.2	12.7	19.1

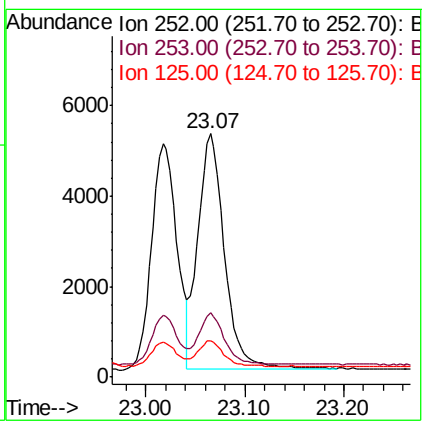


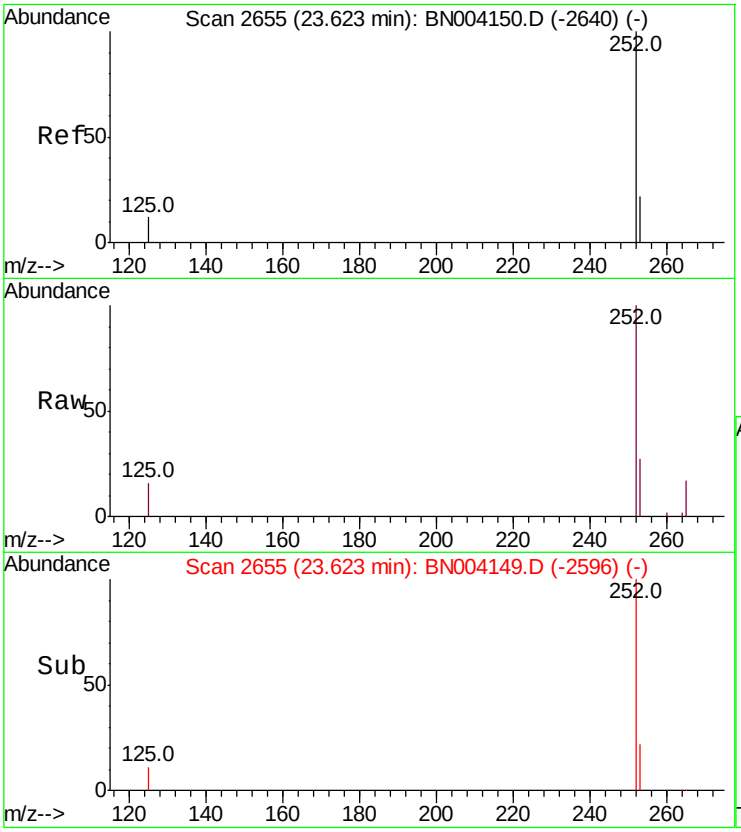


#36
Benzo(k)fluoranthene
Concen: 0.204 ng
RT: 23.07 min Scan# 2492
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:252 Resp: 9716

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.5	27.7
125	14.9	9.1	13.7#



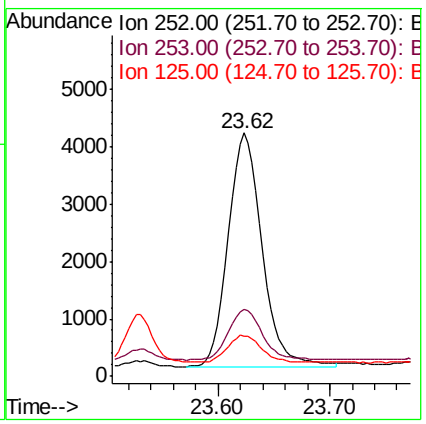


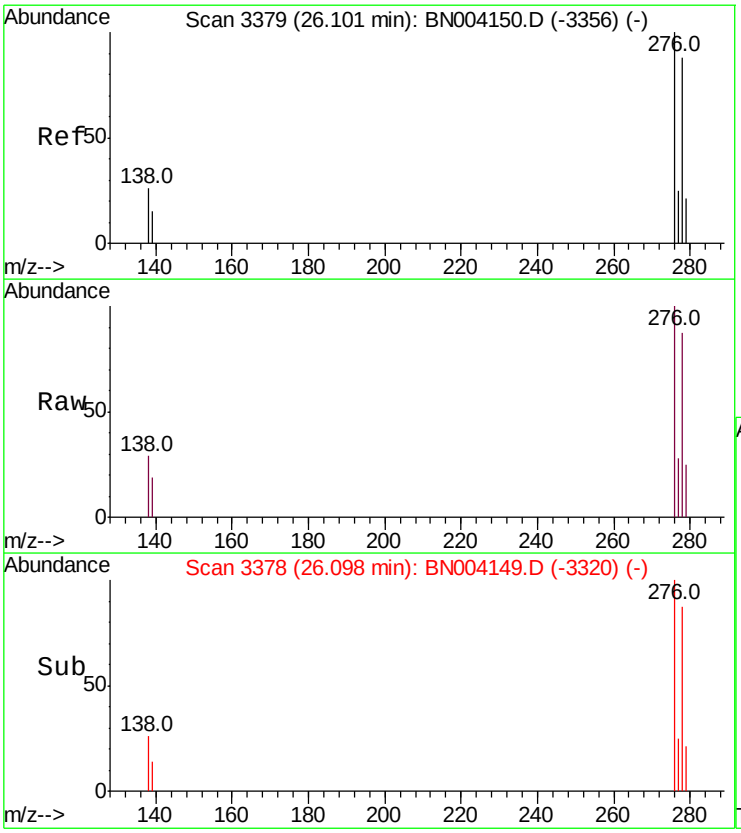
#37
Benzo(a)pyrene
Concen: 0.196 ng
RT: 23.62 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8567

Ion	Ratio	Lower	Upper
252	100		
253	27.4	20.1	30.1
125	16.5	16.0	24.0

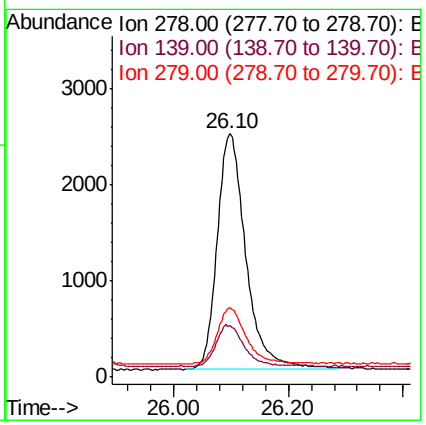


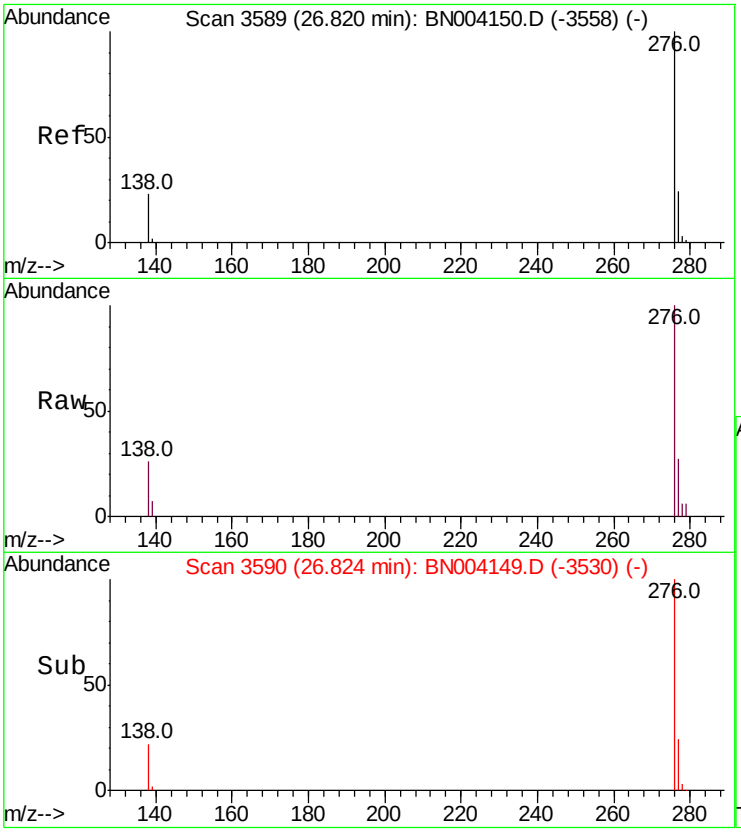


#38
Dibenzo(a,h)anthracene
Concen: 0.211 ng
RT: 26.10 min Scan# 3378
Delta R.T. -0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Tgt Ion:278 Resp: 8596

Ion	Ratio	Lower	Upper
278	100		
139	21.4	13.5	20.3#
279	28.5	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.211 ng
RT: 26.82 min Scan# 3590
Delta R.T. 0.00 min
Lab File: BN004149.D
Acq: 20 Dec 2018 14:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 8613

Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.5	29.3
138	25.6	17.4	26.2