Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
Data File : BN007970.D
Acq On : 02 Oct 2019 17:53
Operator : JU
Sample : K5078-01DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 03 06:46:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	5701	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	23957	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	15296	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	32380	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	34397	0.40	ng		-0.01
34) Perylene-d12	23.47	264	36704	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	1533	0.08	ng		0.00
5) Phenol-d6	6.87	99	2068	0.08	ng		0.00
8) Nitrobenzene-d5	8.82	82	1736	0.08	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	3441	0.09	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	664	0.08	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	4742	0.08	ng		-0.01
25) Fluoranthene-d10	19.09	212	8191	0.08	ng		-0.01
29) Terphenyl-d14	19.70	244	6764	0.08	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.00	42	4797	1.648	ng	#	82
9) Naphthalene	10.51	128	2102	0.031	ng	#	80
12) 2-Methylnaphthalene	12.12	142	1158	0.025	ng	#	82
16) Acenaphthylene	14.03	152	19601	0.242	ng		99
17) Acenaphthene	14.37	154	4312	0.082	ng		97
18) Fluorene	15.36	166	6830	0.102	ng	#	91
22) Pentachlorophenol	16.72	266	242	0.031	ng		87
23) Phenanthrene	17.10	178	218471	2.166	ng		100
24) Anthracene	17.19	178	27537	0.302	ng	#	94
26) Fluoranthene	19.12	202	586768	4.678	ng		99
28) Pyrene	19.49	202	495897	4.227	ng		96
30) Benzo(a)anthracene	21.24	228	211072	1.666	ng		98
31) Chrysene	21.29	228	271432	2.199	ng		97
32) Bis(2-ethylhexyl)phthalate	21.19	149	22276	0.342	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	195657	1.266	ng		95
35) Benzo(b)fluoranthene	22.81	252	387054	3.038	ng		100
36) Benzo(k)fluoranthene	22.81	252	387054	3.072	ng		100
37) Benzo(a)pyrene	23.38	252	235410	1.966	ng		99
38) Dibenzo(a,h)anthracene	25.69	278	43437	0.355	ng	#	88
39) Benzo(g,h,i)perylene	26.35	276	194162	1.601	ng		100

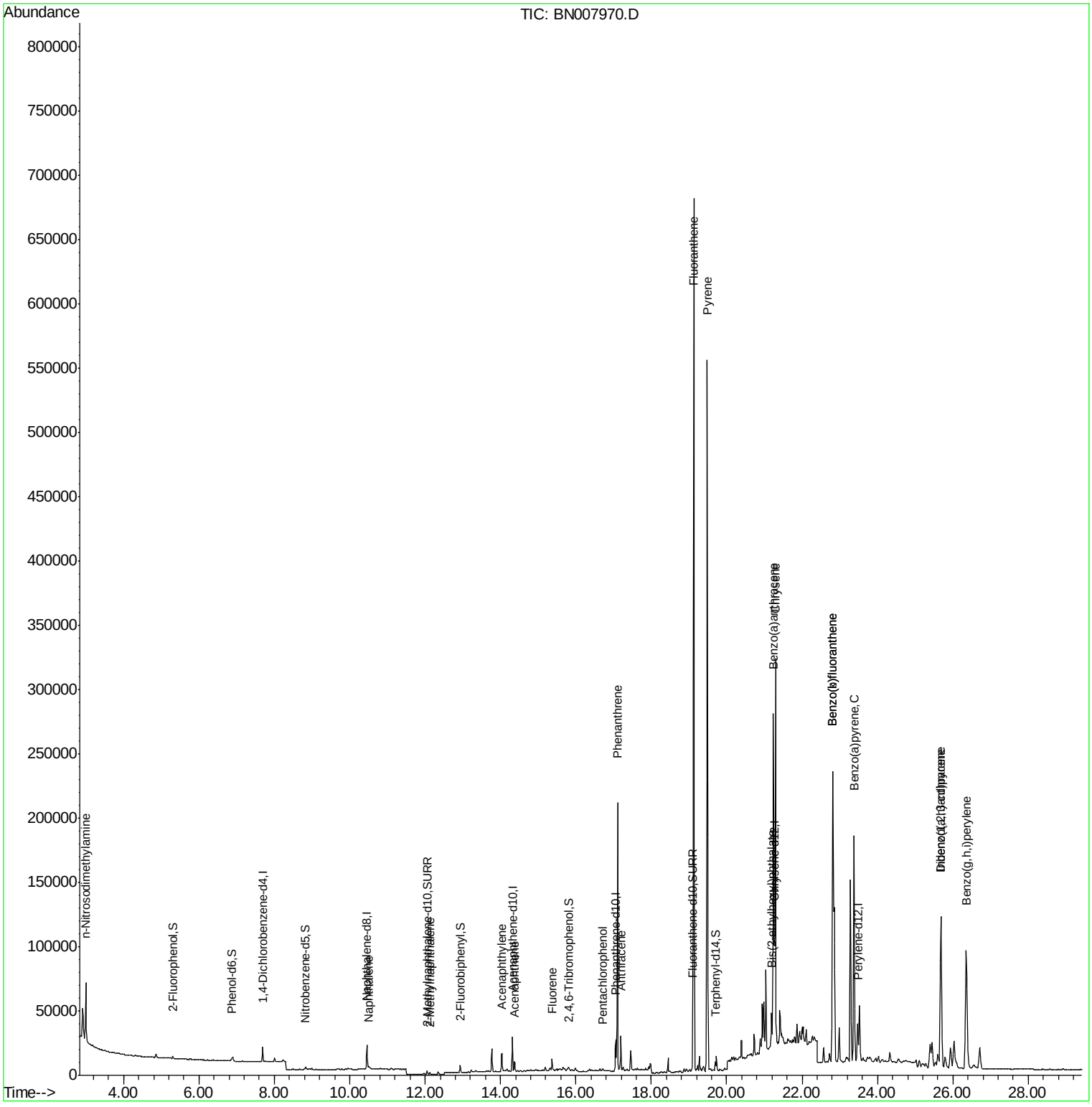
(#) = qualifier out of range (m) = manual integration (+) = signals summed

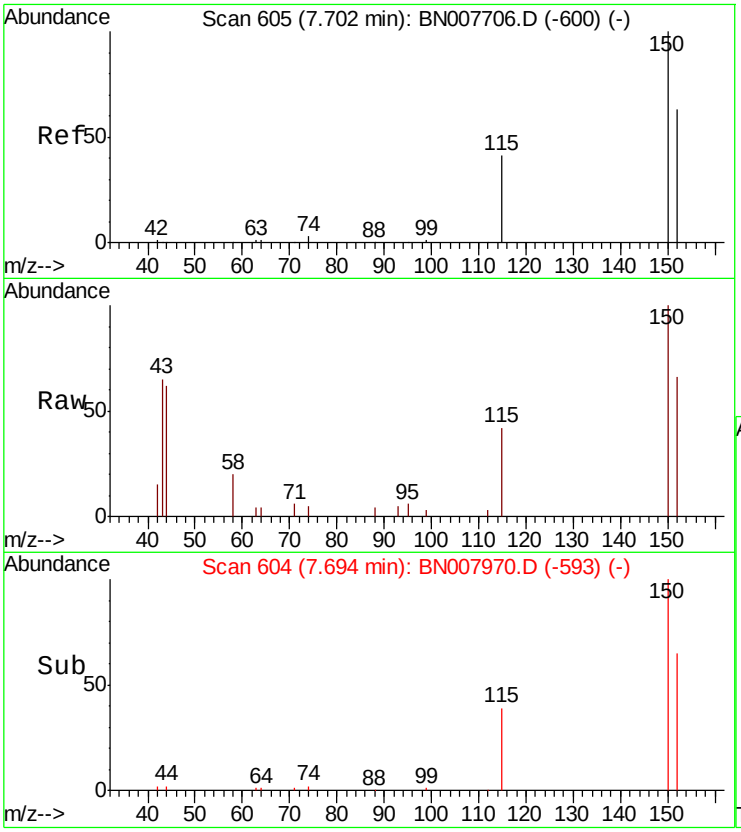
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
Data File : BN007970.D
Acq On : 02 Oct 2019 17:53
Operator : JU
Sample : K5078-01DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 03 06:46:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



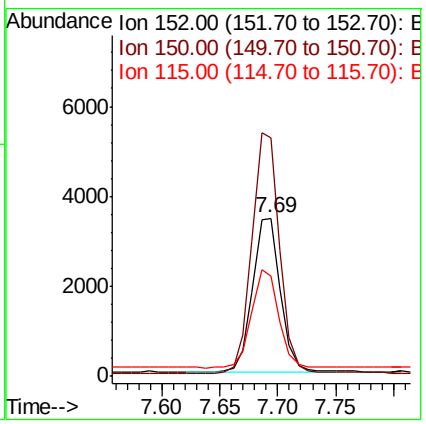


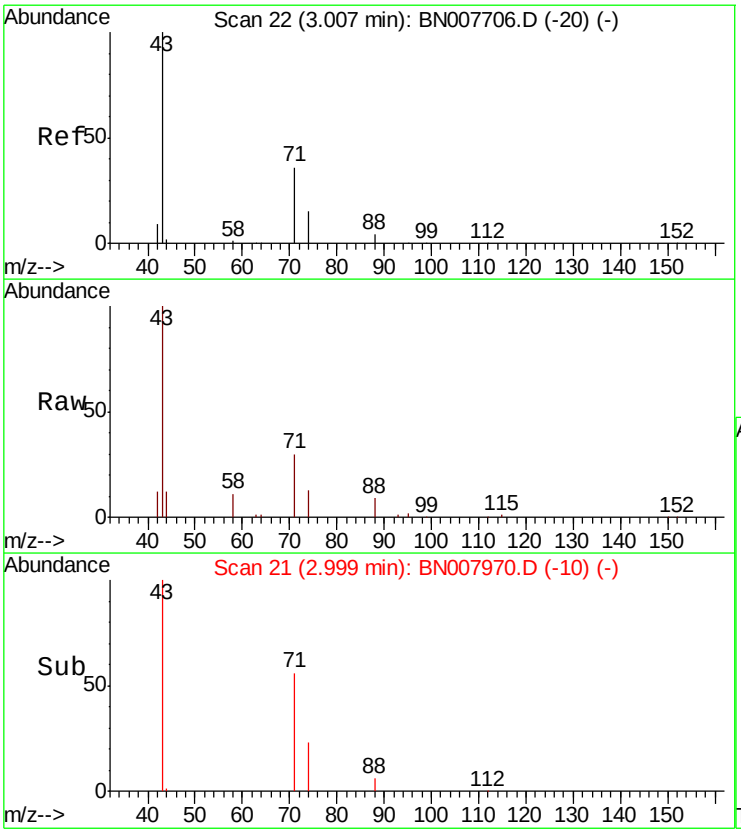
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5701

Ion	Ratio	Lower	Upper
152	100		
150	150.8	125.6	188.4
115	63.7	53.3	79.9

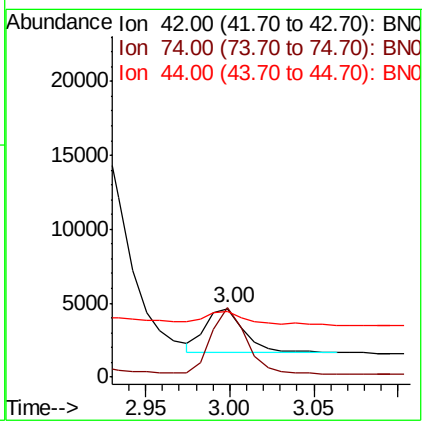


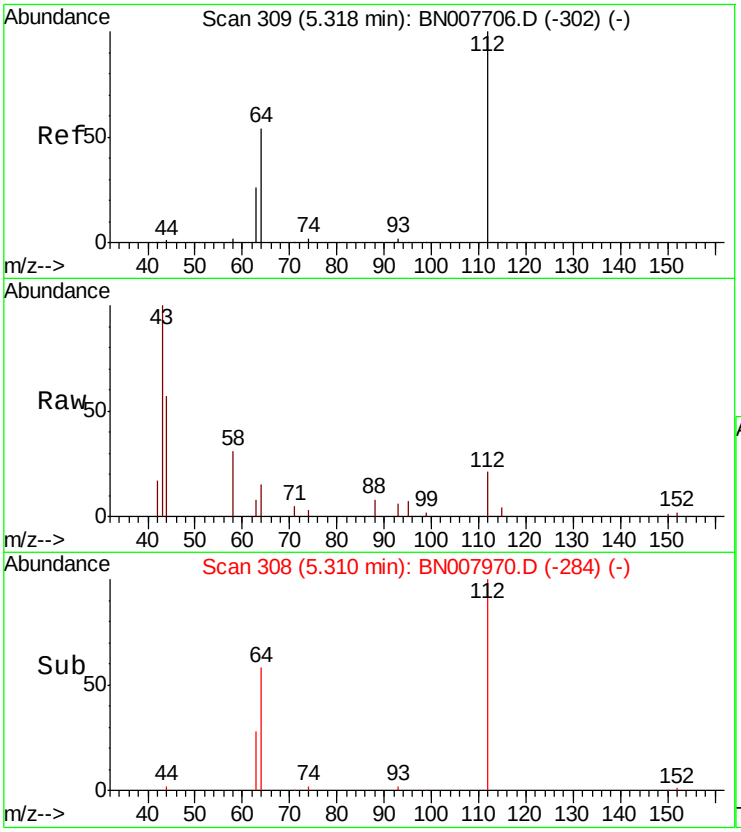


#3
n-Nitrosodimethylamine
Concen: 1.648 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion: 42 Resp: 4797

Ion	Ratio	Lower	Upper
42	100		
74	134.9	87.9	131.9#
44	37.6	29.4	44.0



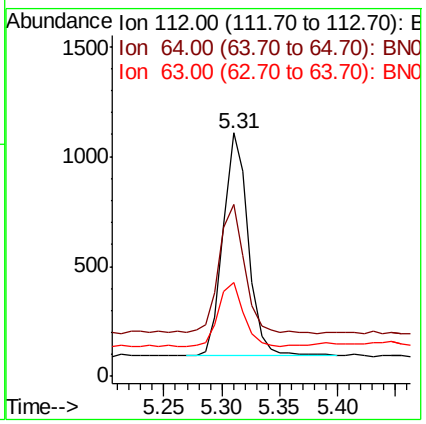


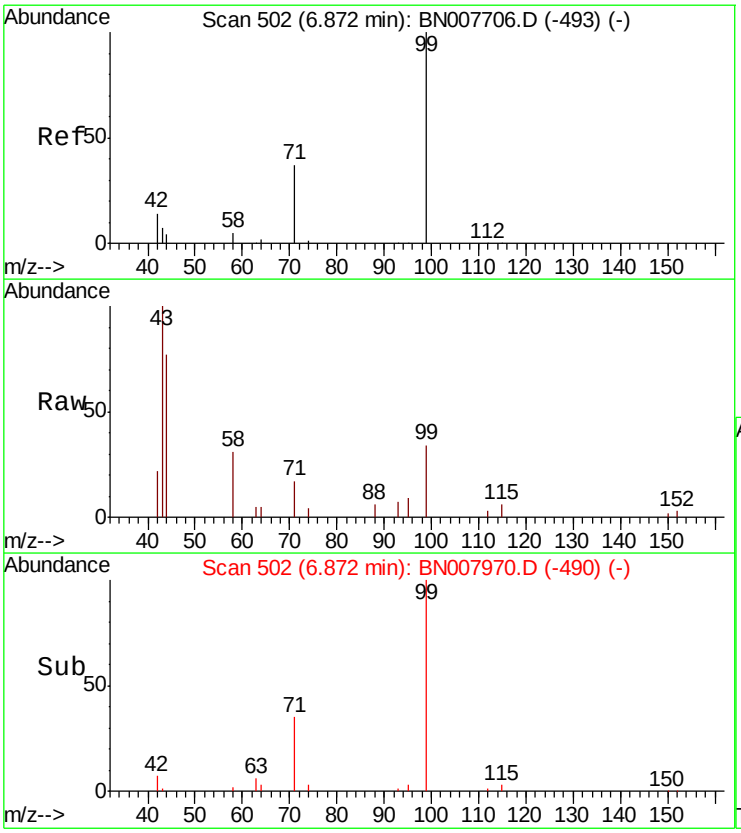
#4
2-Fluorophenol
Concen: 0.078 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1533

Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.6	70.0
63	28.8	23.1	34.7

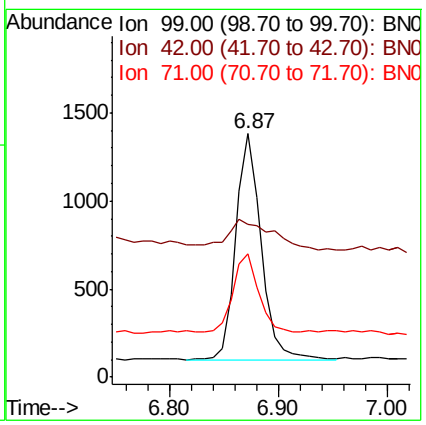


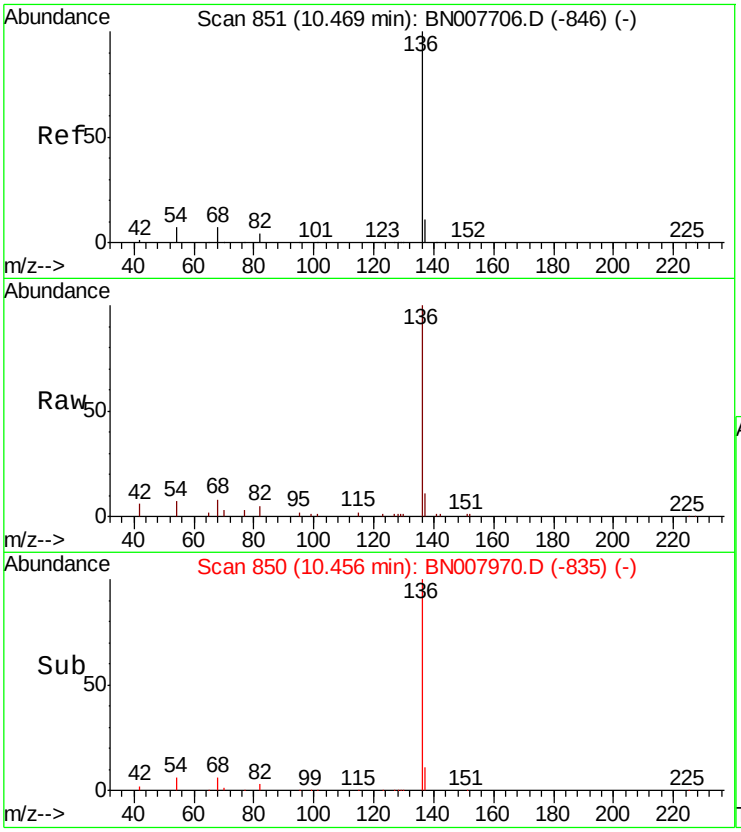


#5
Phenol-d6
Concen: 0.079 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion: 99 Resp: 2068

Ion	Ratio	Lower	Upper
99	100		
42	24.4	12.8	19.2#
71	34.6	27.6	41.4



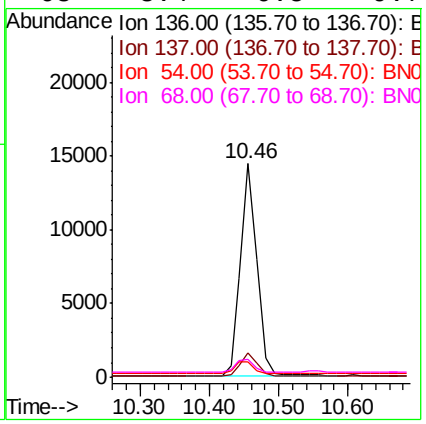


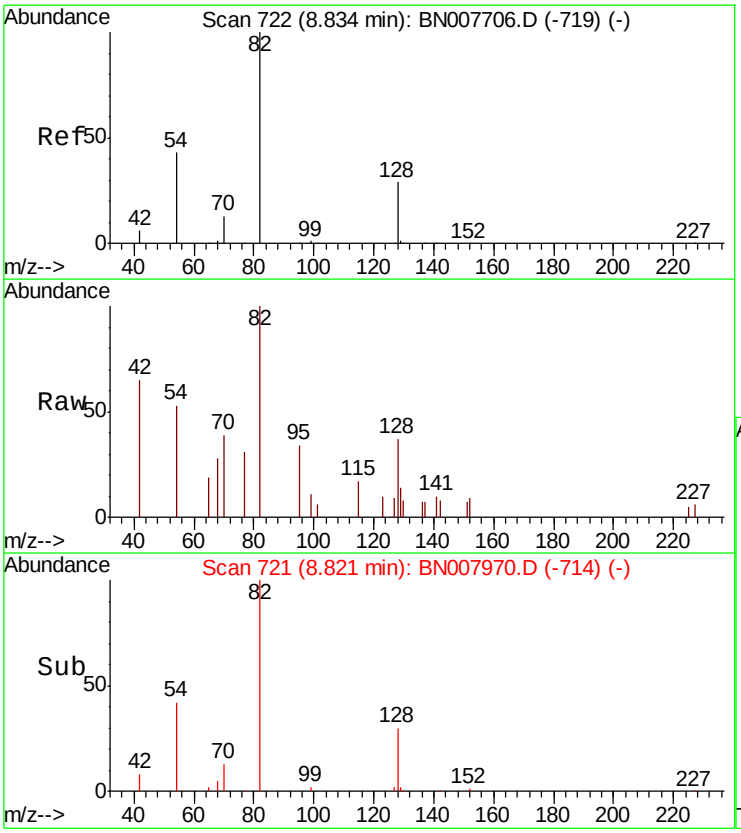
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 23957

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.1	5.8	8.8
68	8.4	6.5	9.7

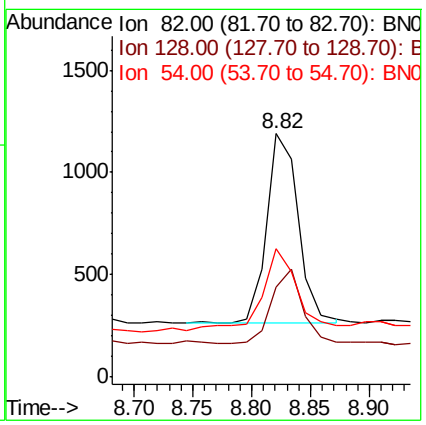


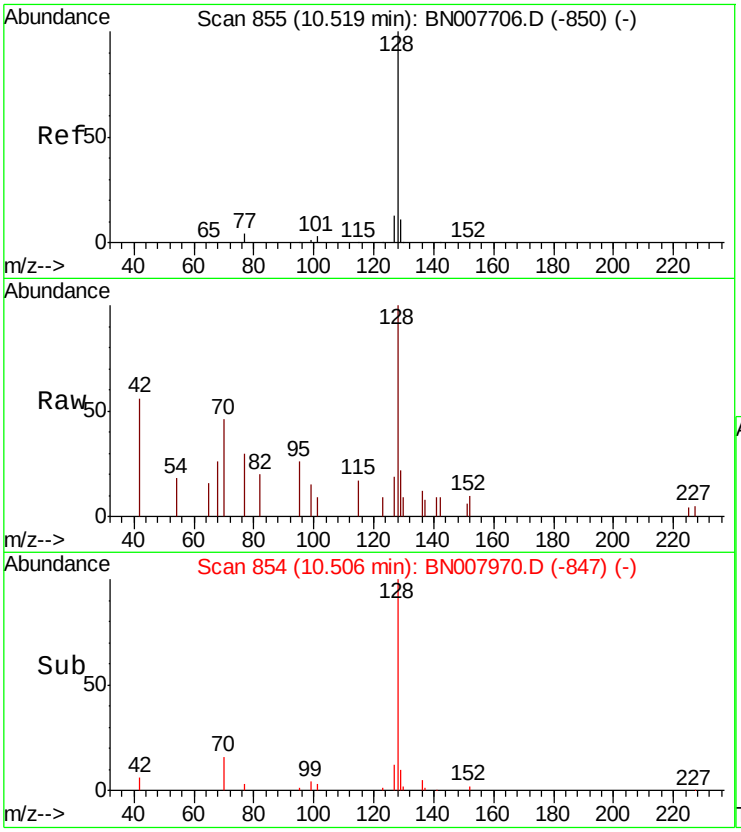


#8
Nitrobenzene-d5
Concen: 0.083 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion: 82 Resp: 1736

Ion	Ratio	Lower	Upper
82	100		
128	37.1	24.5	36.7#
54	52.8	35.2	52.8



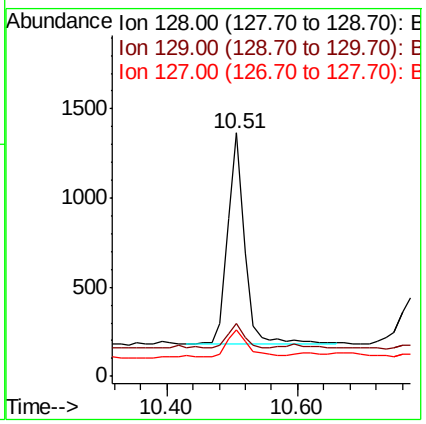


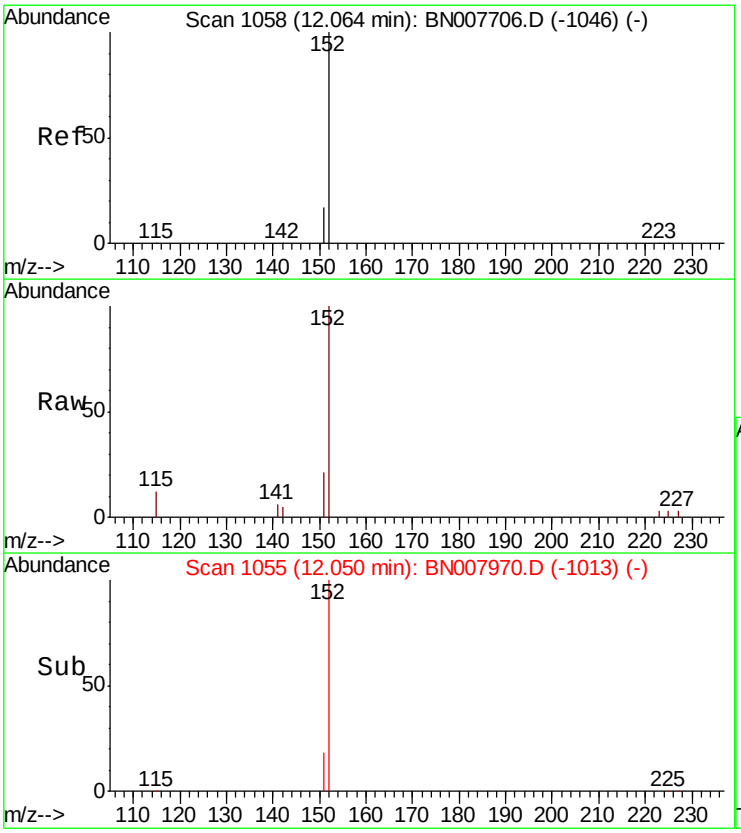
#9
Naphthalene
Concen: 0.031 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2102

Ion	Ratio	Lower	Upper
128	100		
129	21.6	9.1	13.7#
127	18.9	10.6	15.8#

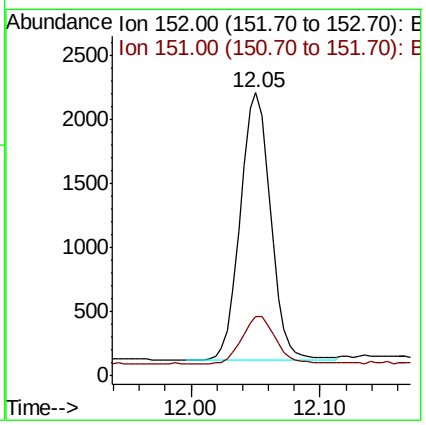


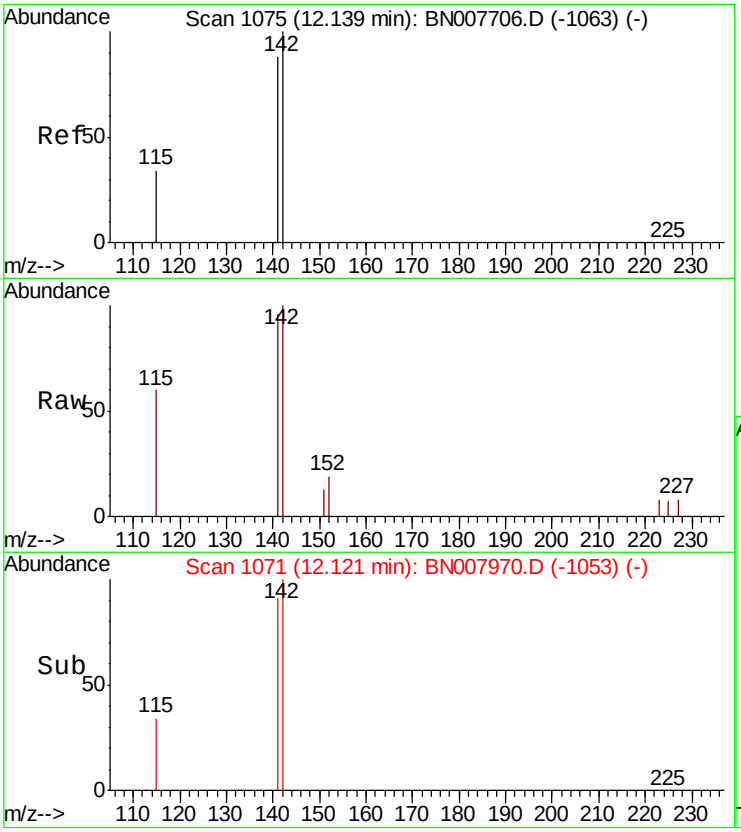


#11
2-Methylnaphthalene-d10
Concen: 0.085 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion:152 Resp: 3441

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2



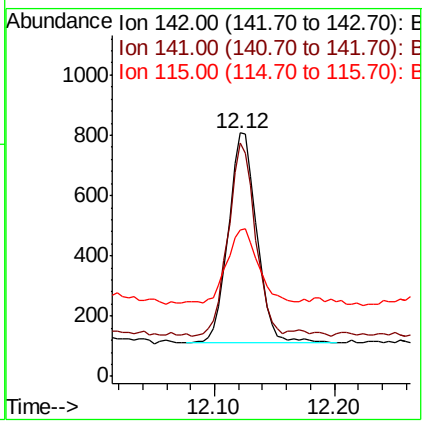


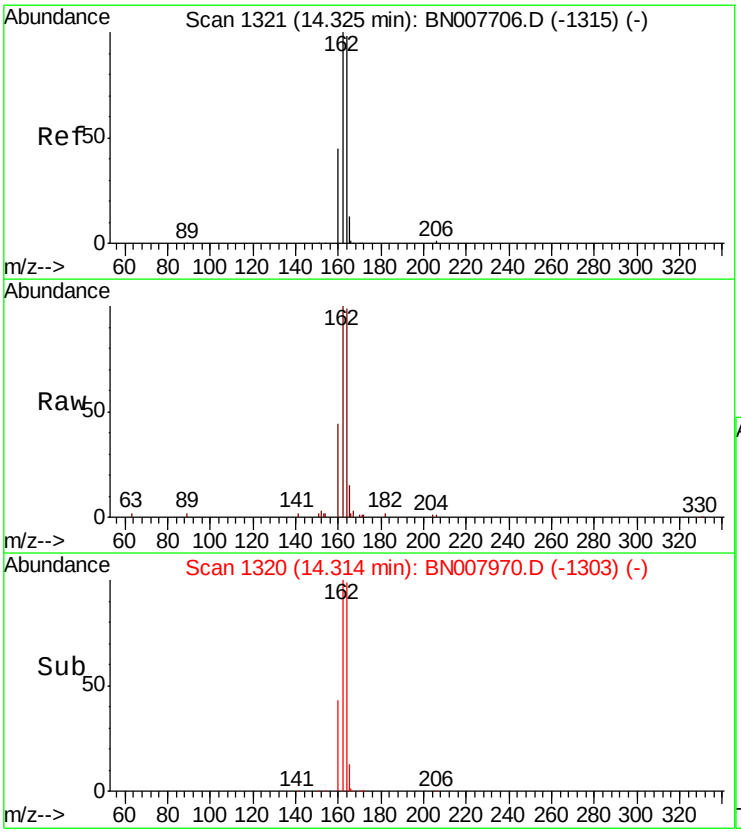
#12
2-Methylnaphthalene
Concen: 0.025 ng
RT: 12.12 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 1158

Ion	Ratio	Lower	Upper
142	100		
141	95.8	70.6	106.0
115	59.9	28.3	42.5#

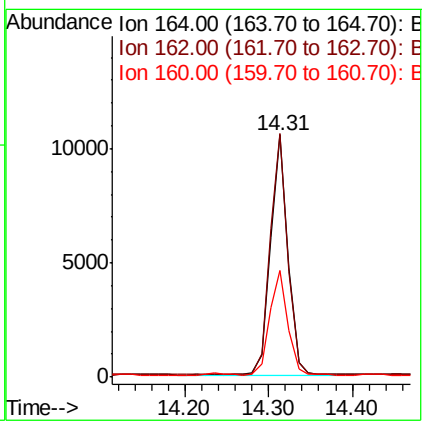


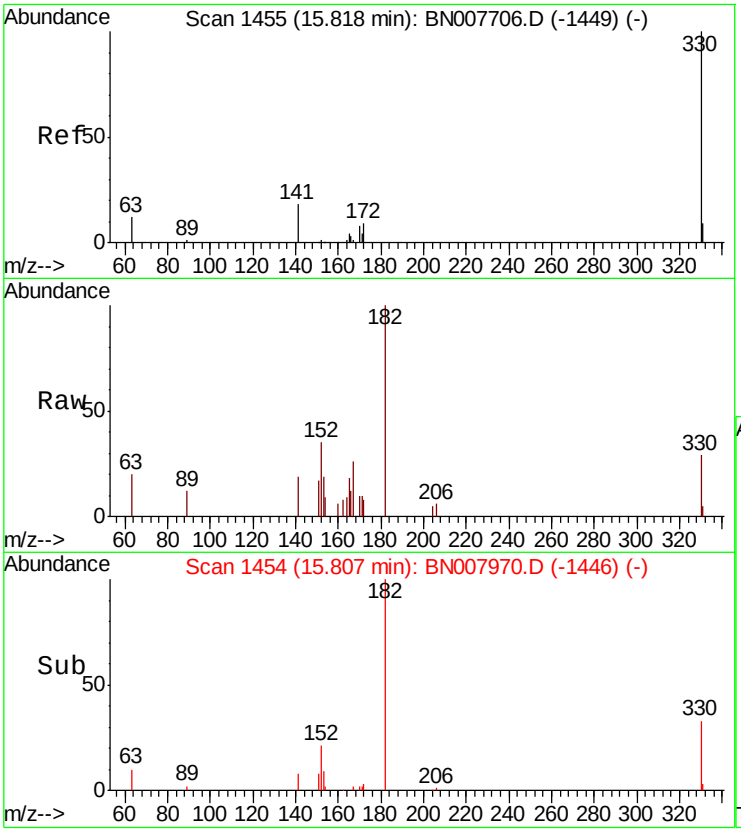


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion:164 Resp: 15296

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.7	122.5
160	44.2	37.0	55.4



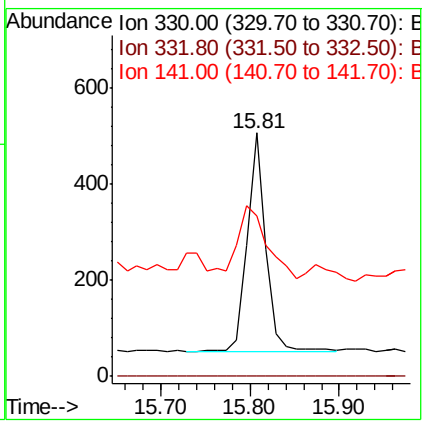


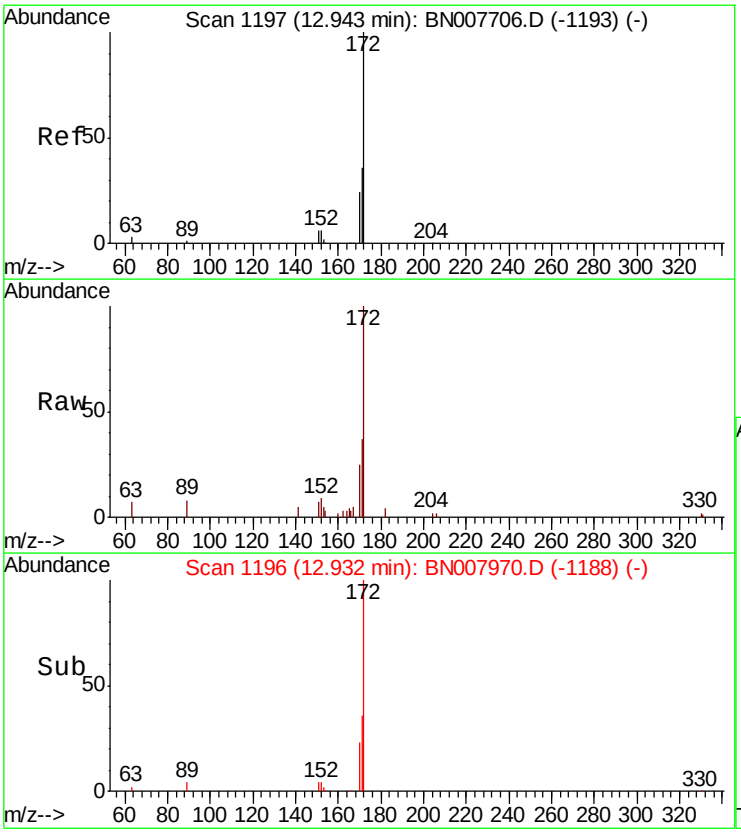
#14
2,4,6-Tribromophenol
Concen: 0.080 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 664

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.0	28.7	43.1#

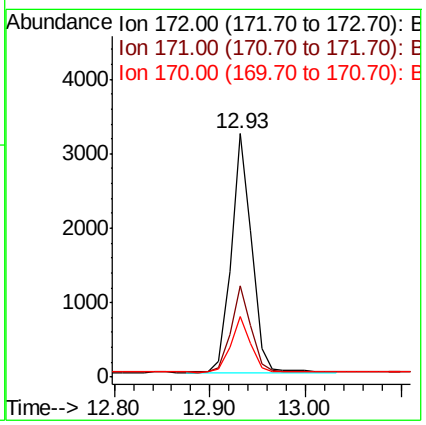


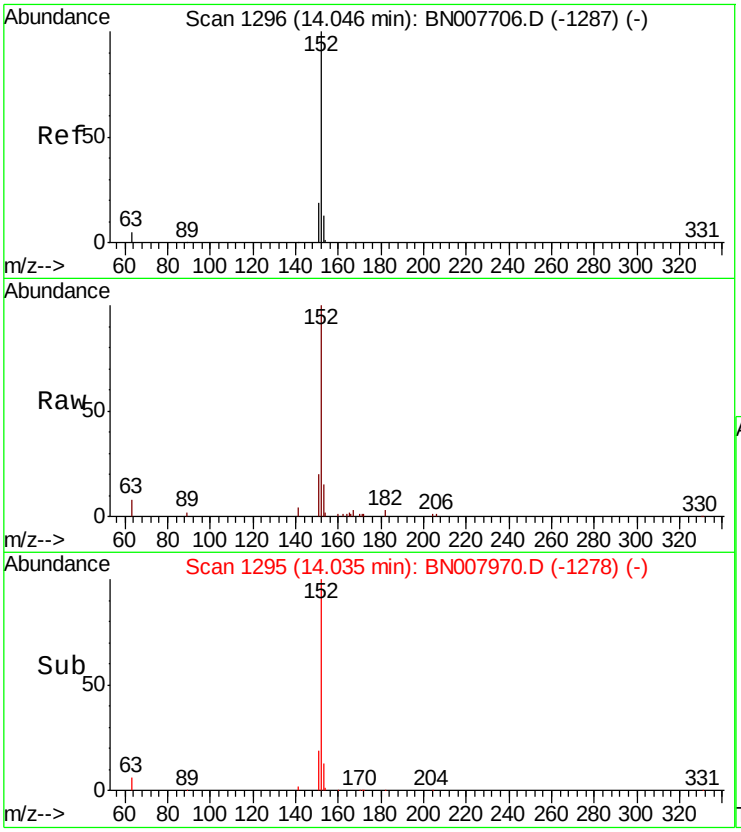


#15
2-Fluorobiphenyl
Concen: 0.075 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion:172 Resp: 4742

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.8	43.2
170	24.8	19.5	29.3



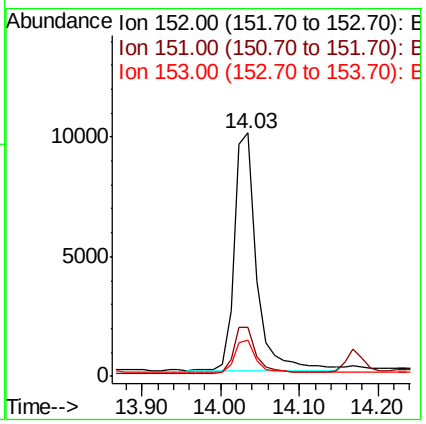


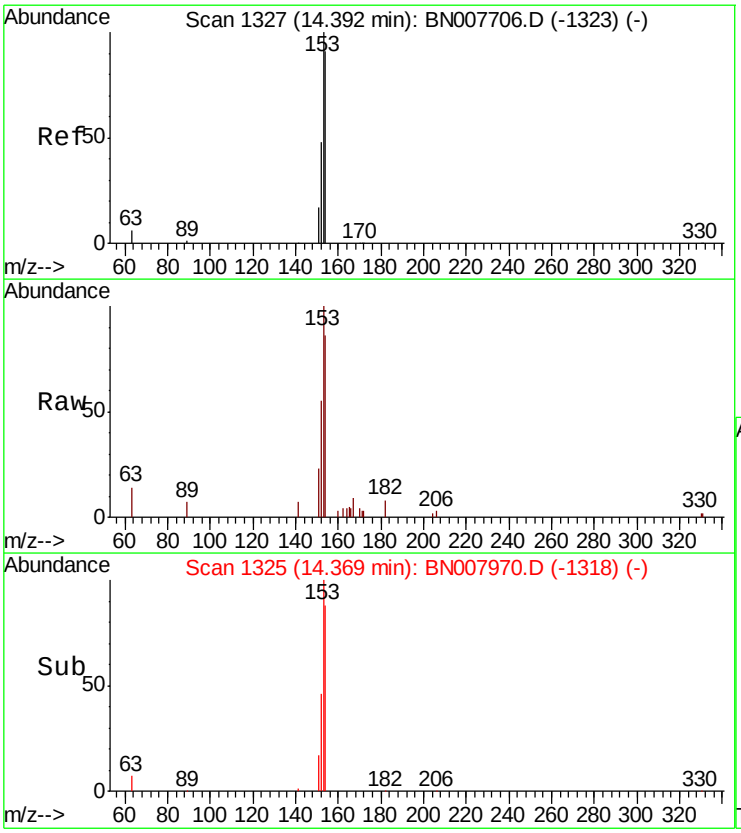
#16
Acenaphthylene
Concen: 0.242 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 19601

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	13.3	10.4	15.6

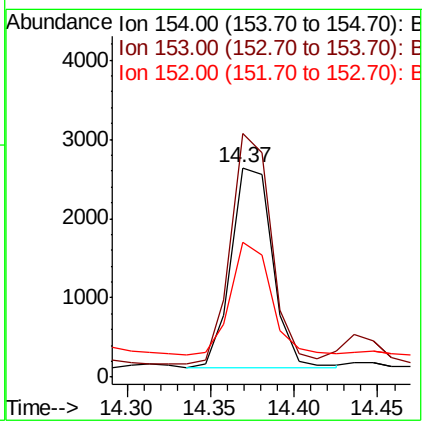


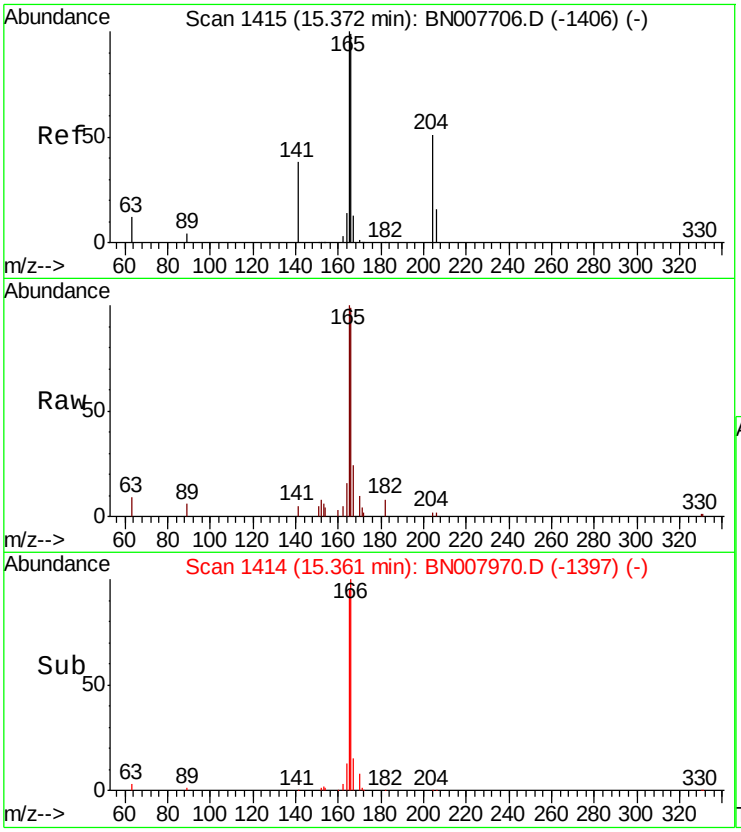


#17
Acenaphthene
Concen: 0.082 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion:154 Resp: 4312

Ion	Ratio	Lower	Upper
154	100		
153	112.5	87.0	130.4
152	54.2	42.7	64.1



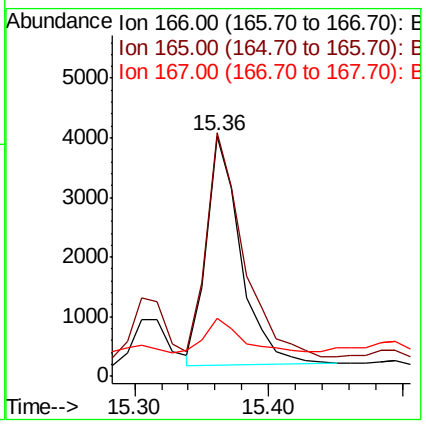


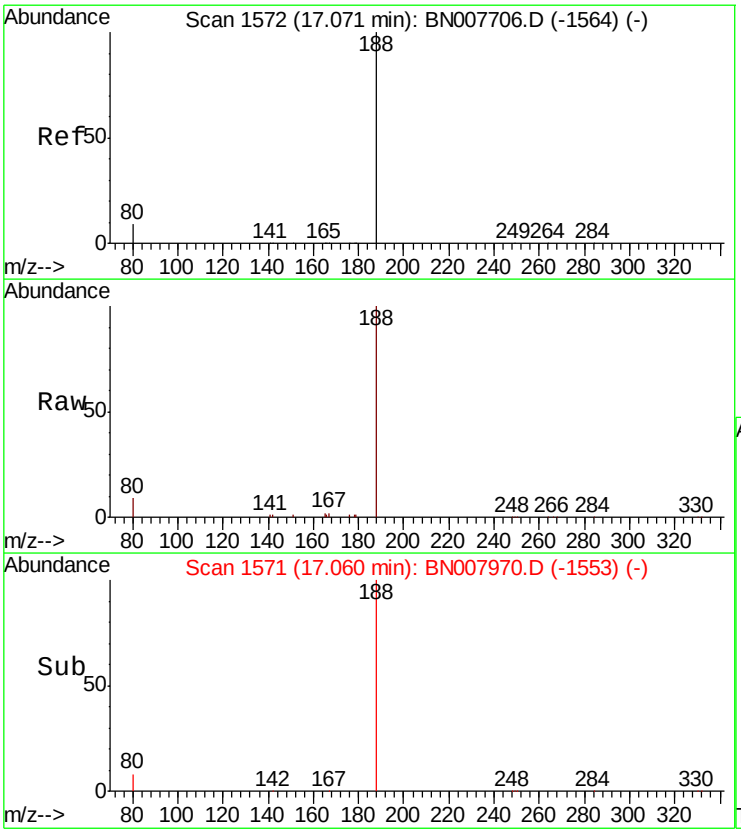
#18
Fluorene
Concen: 0.102 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 6830

Ion	Ratio	Lower	Upper
166	100		
165	107.0	78.0	117.0
167	16.5	10.9	16.3#

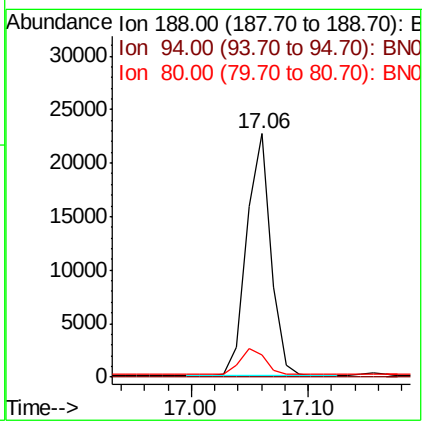


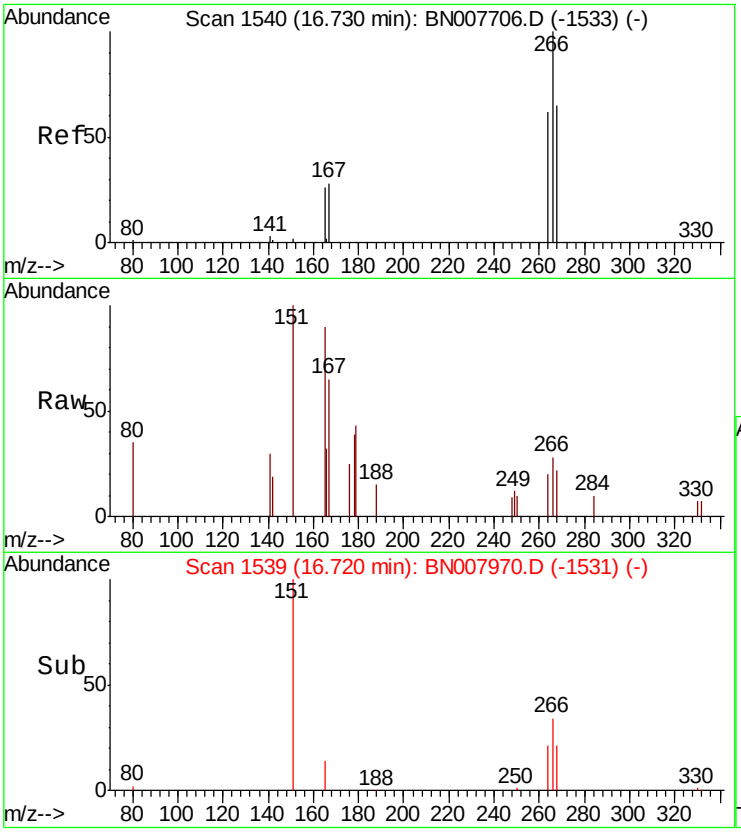


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion:188 Resp: 32380

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



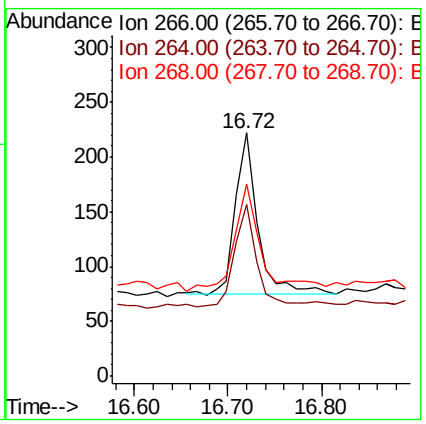


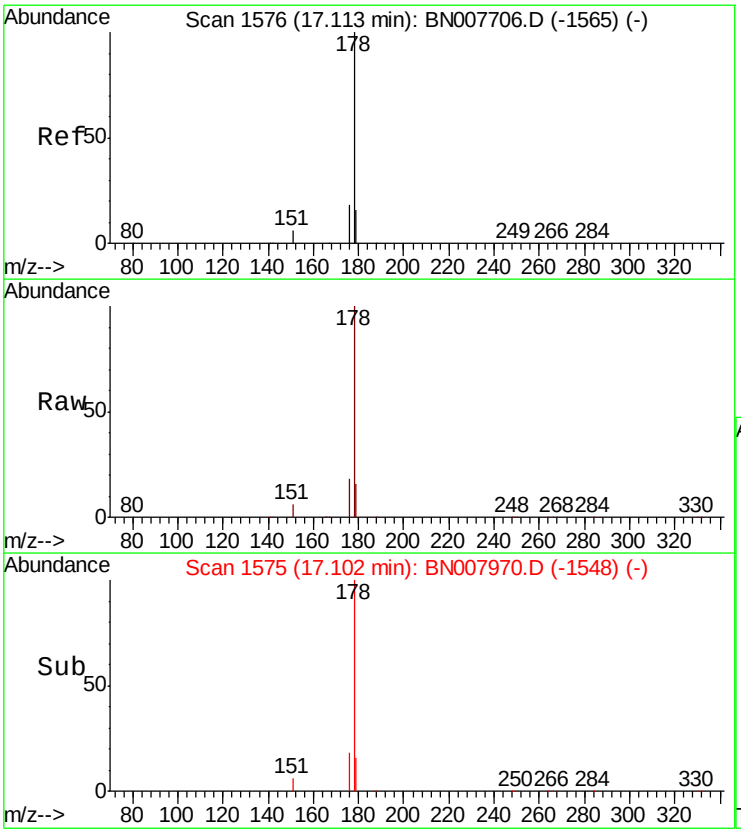
#22
Pentachlorophenol
Concen: 0.031 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 242

Ion	Ratio	Lower	Upper
266	100		
264	70.7	50.0	75.0
268	79.3	54.2	81.4

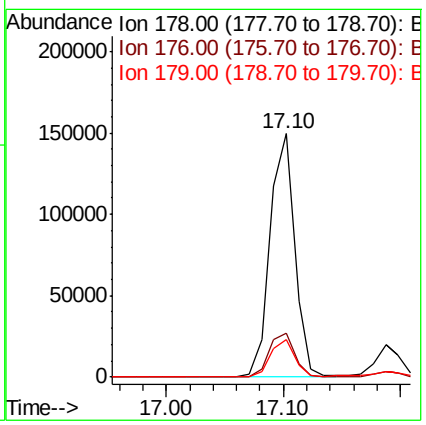


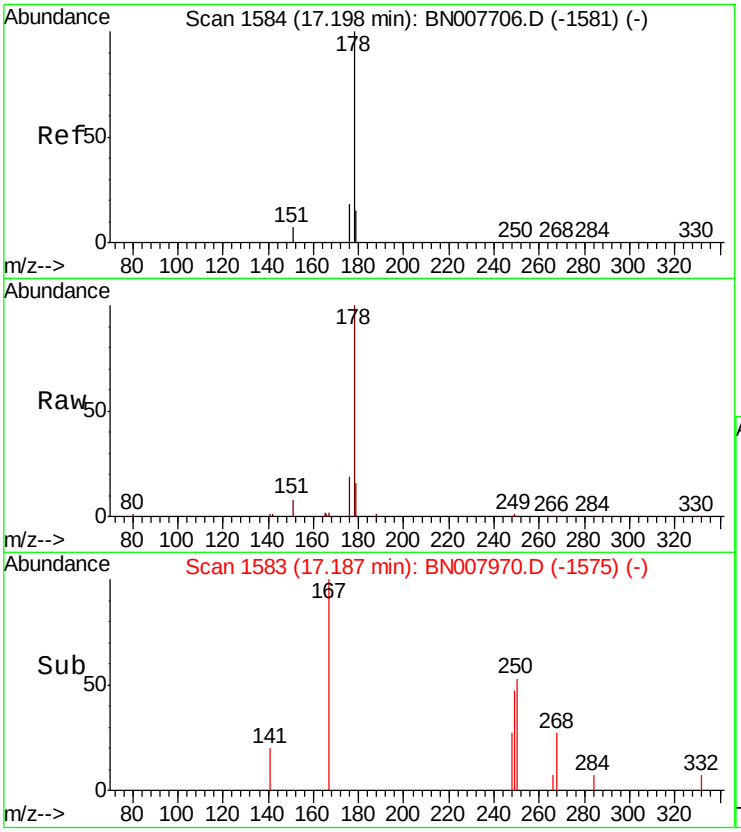


#23
Phenanthrene
Concen: 2.166 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion:178 Resp: 218471

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	12.5	18.7



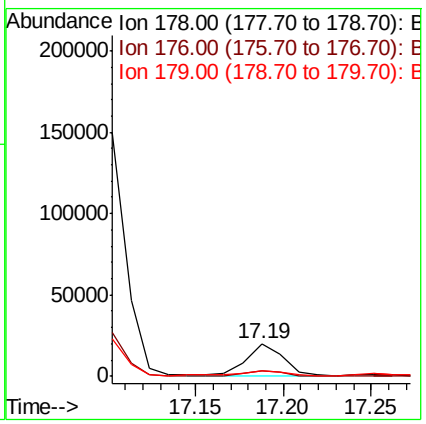


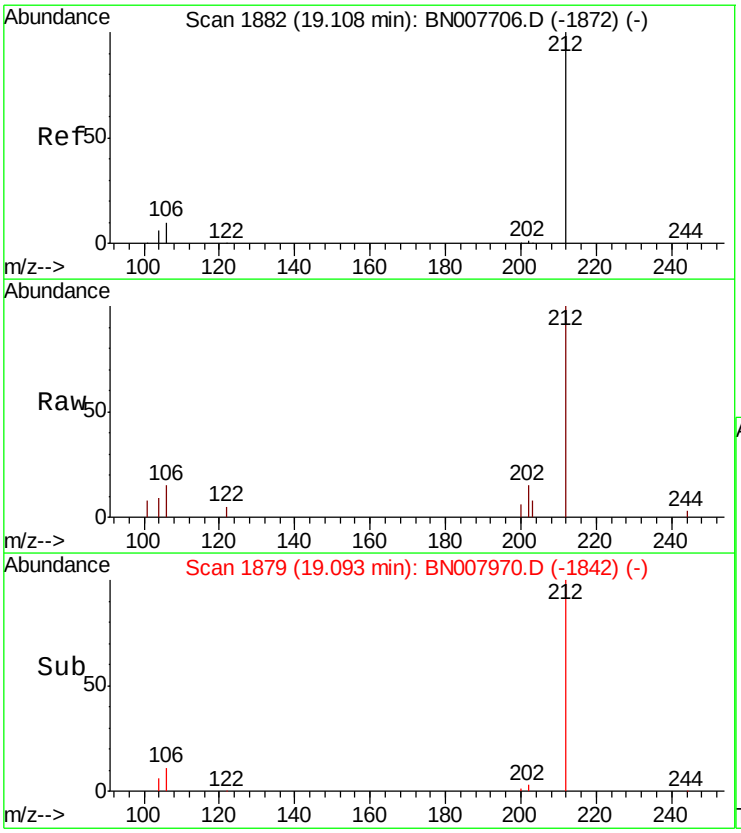
#24
Anthracene
Concen: 0.302 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 27537

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	21.8
179	20.5	12.2	18.4#

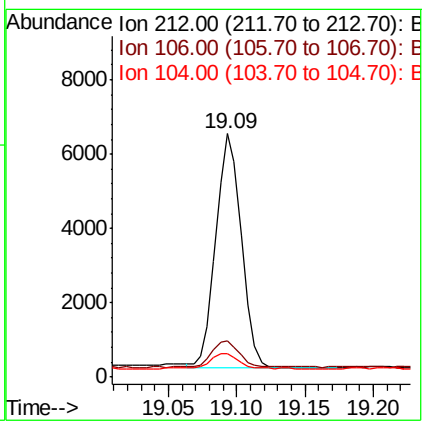


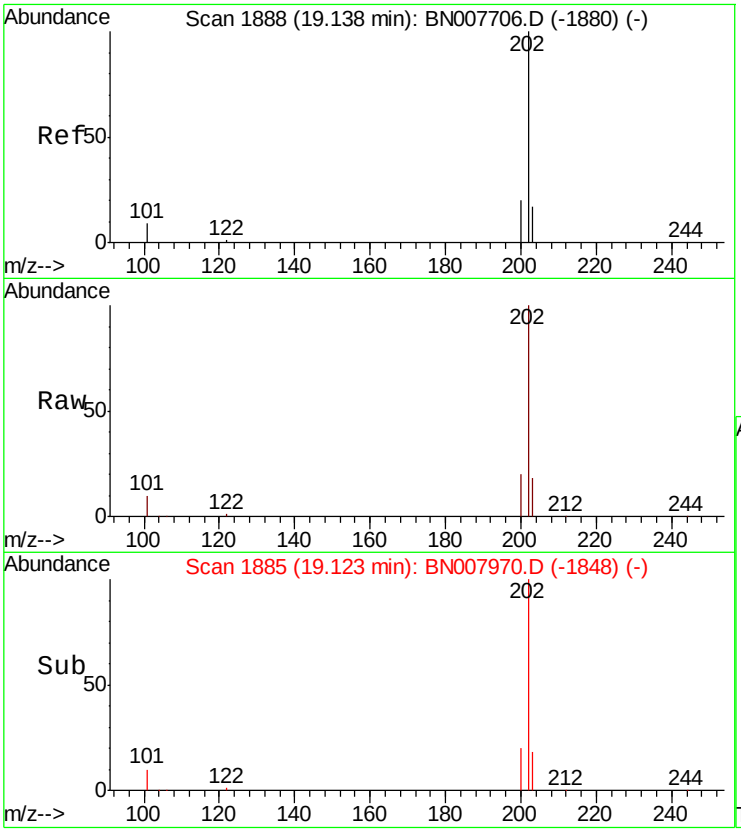


#25
Fluoranthene-d10
Concen: 0.075 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion:212 Resp: 8191

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.4	14.0
104	7.4	5.3	7.9



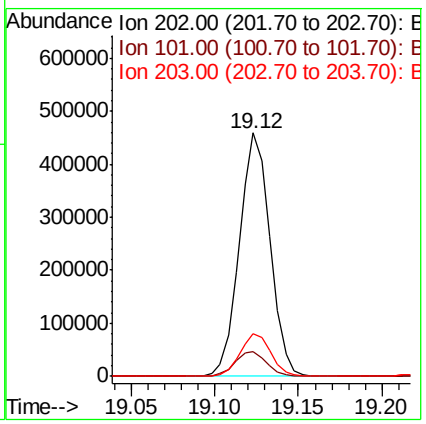


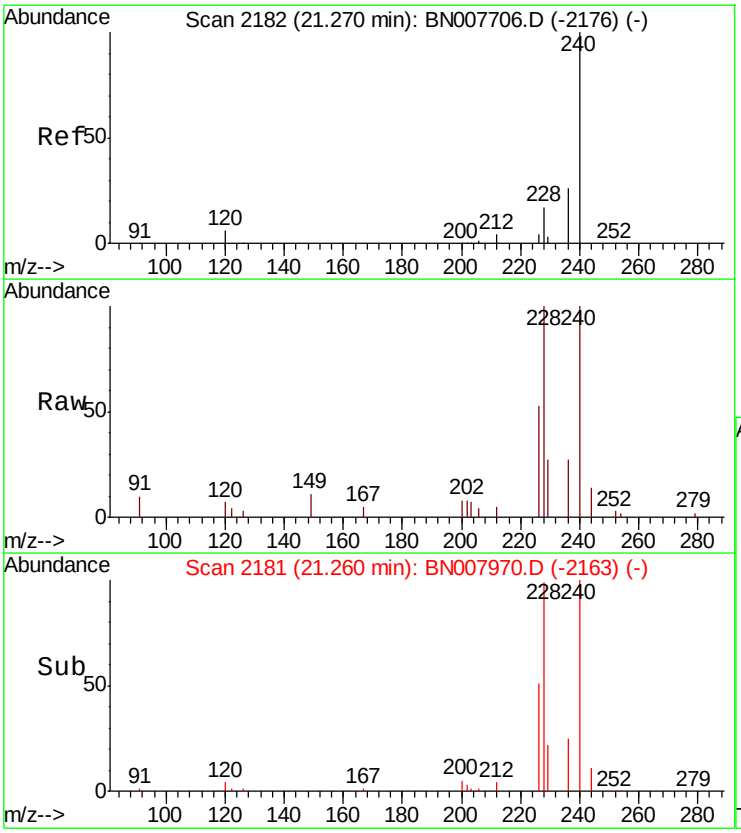
#26
Fluoranthene
Concen: 4.678 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.02 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 586768

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.4	12.6
203	17.6	13.8	20.8

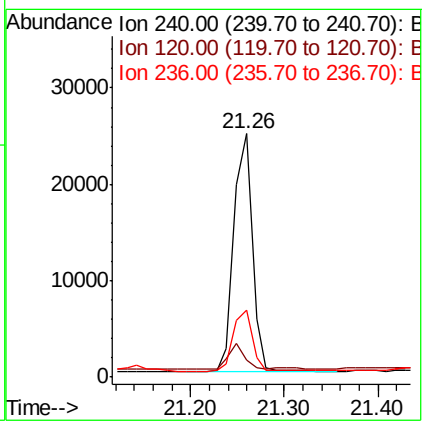


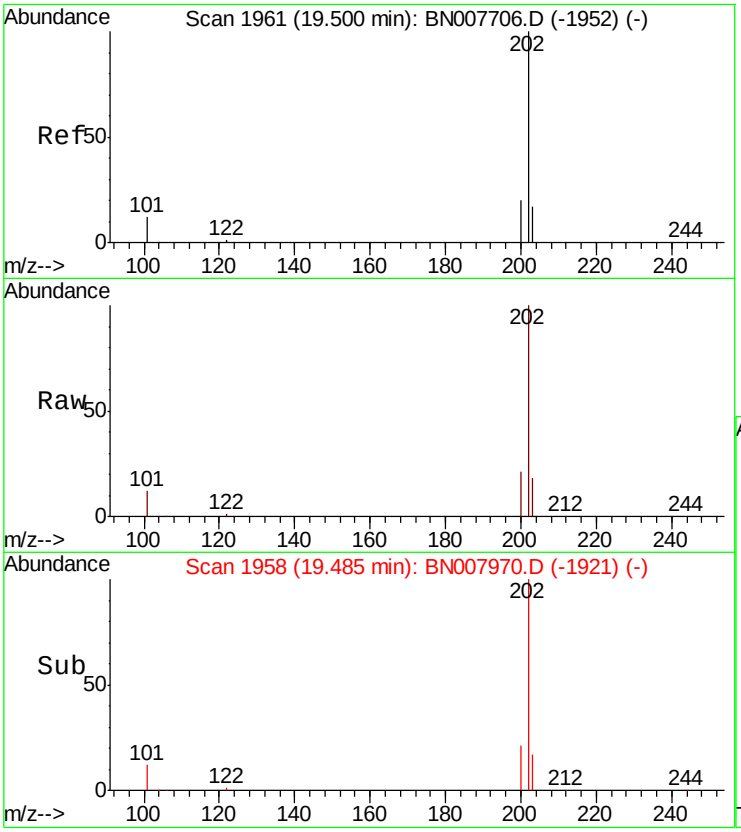


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion:240 Resp: 34397

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.4	8.2
236	27.3	21.0	31.4



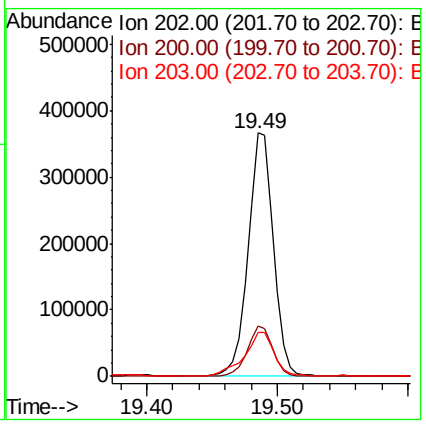


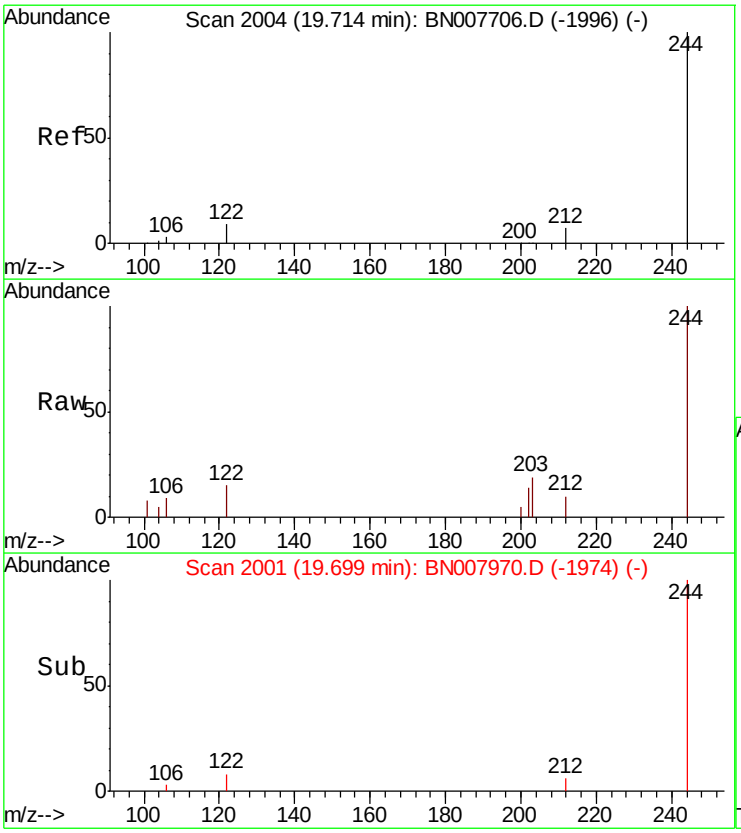
#28
Pyrene
Concen: 4.227 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 495897

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	21.0	14.1	21.1

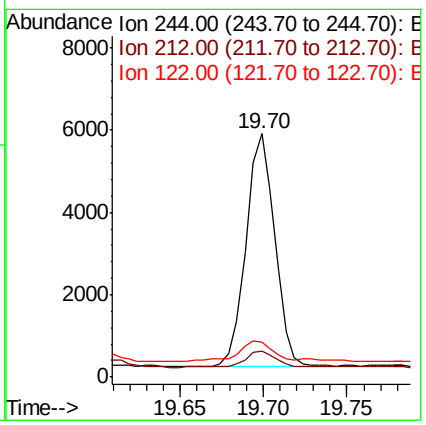


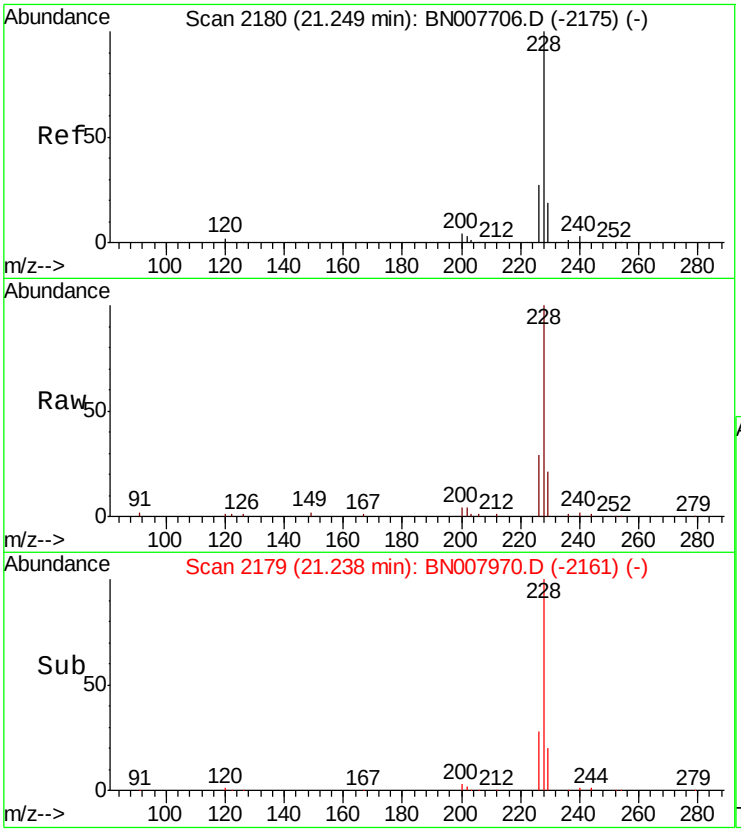


#29
Terphenyl-d14
Concen: 0.080 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion:244 Resp: 6764

Ion	Ratio	Lower	Upper
244	100		
212	10.4	5.9	8.9#
122	14.5	7.4	11.2#



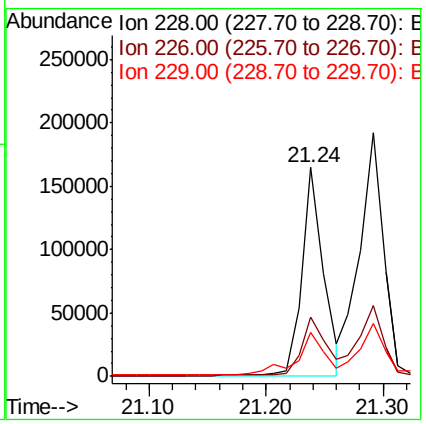


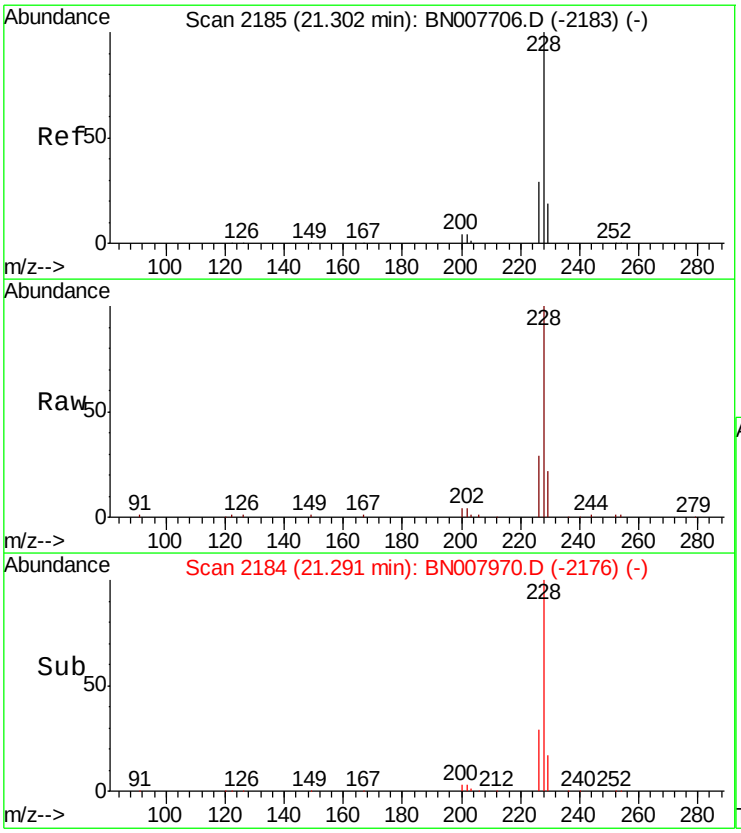
#30
Benzo(a)anthracene
Concen: 1.666 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 211072

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.1	33.1
229	20.8	15.8	23.6

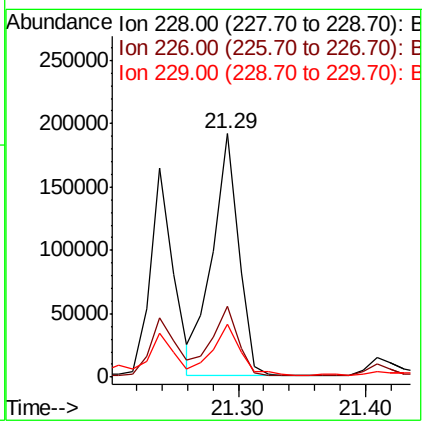


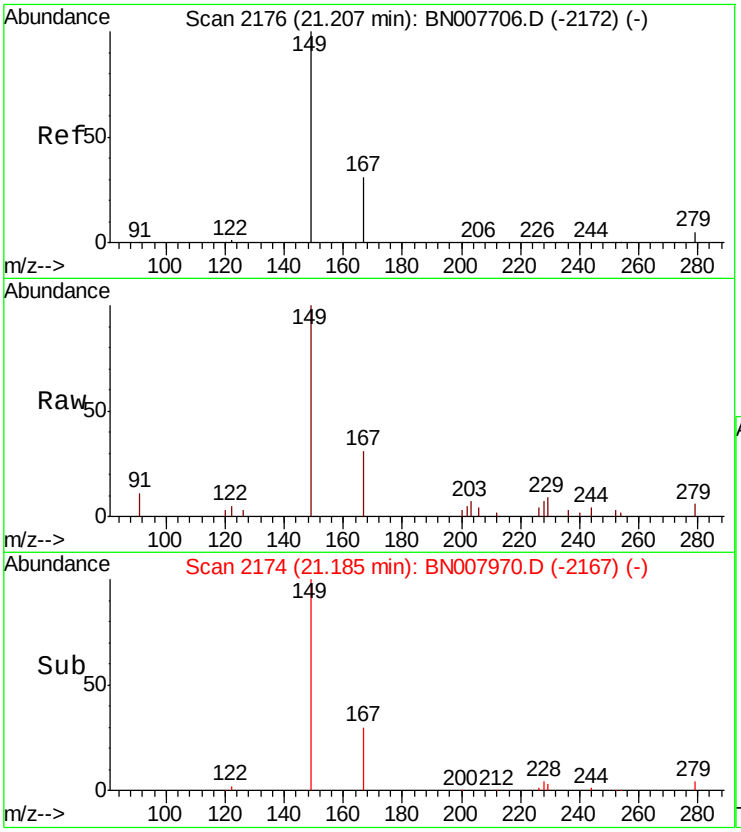


#31
Chrysene
Concen: 2.199 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion:228 Resp: 271432

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.9	35.9
229	21.7	15.8	23.6



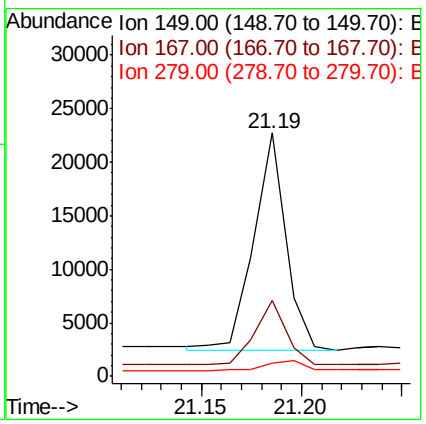


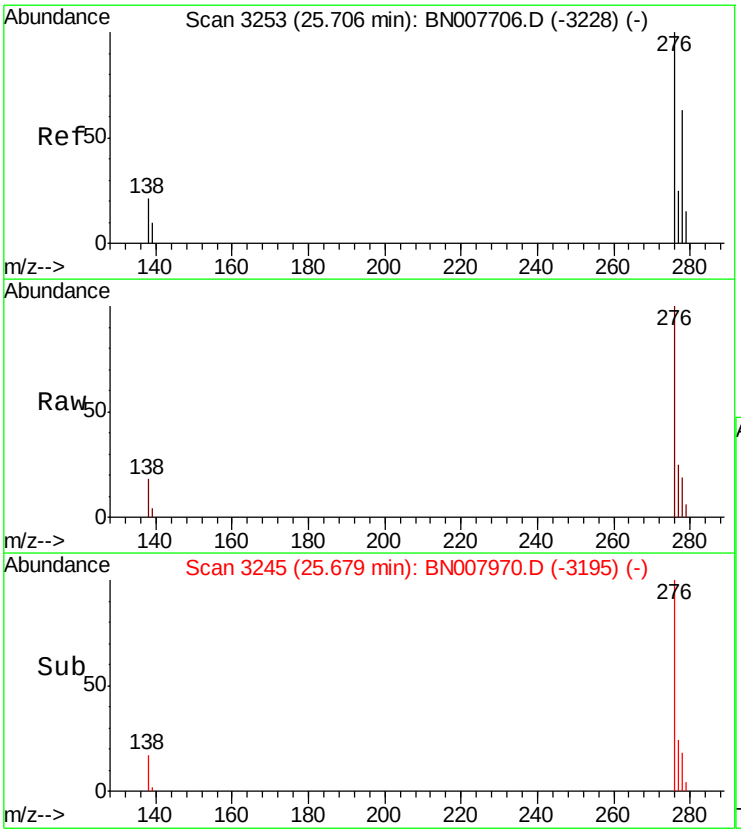
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.342 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 22276

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.7	35.5
279	5.6	4.2	6.2

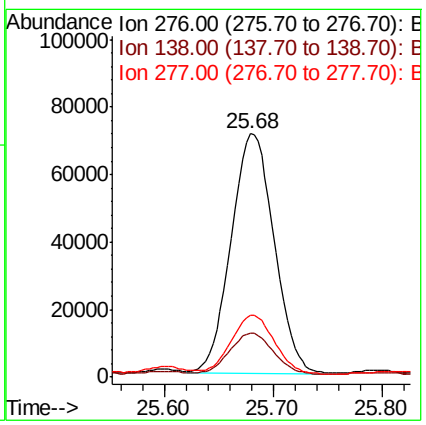


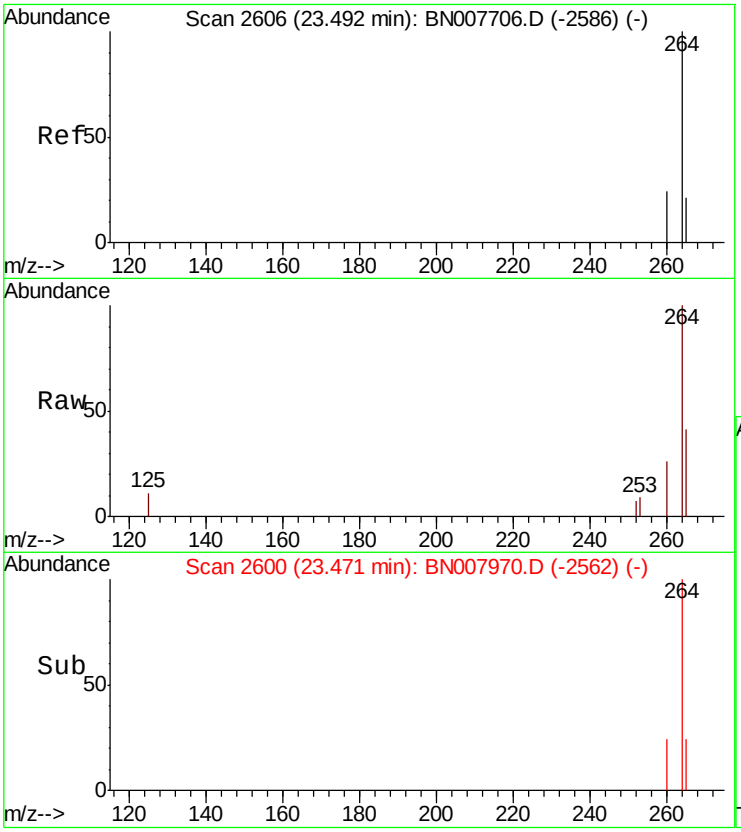


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.266 ng
RT: 25.68 min Scan# 3245
Delta R.T. -0.03 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion:276 Resp: 195657

Ion	Ratio	Lower	Upper
276	100		
138	17.2	17.1	25.7
277	24.4	20.0	30.0



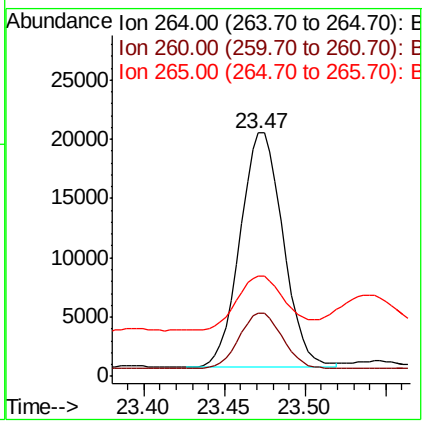


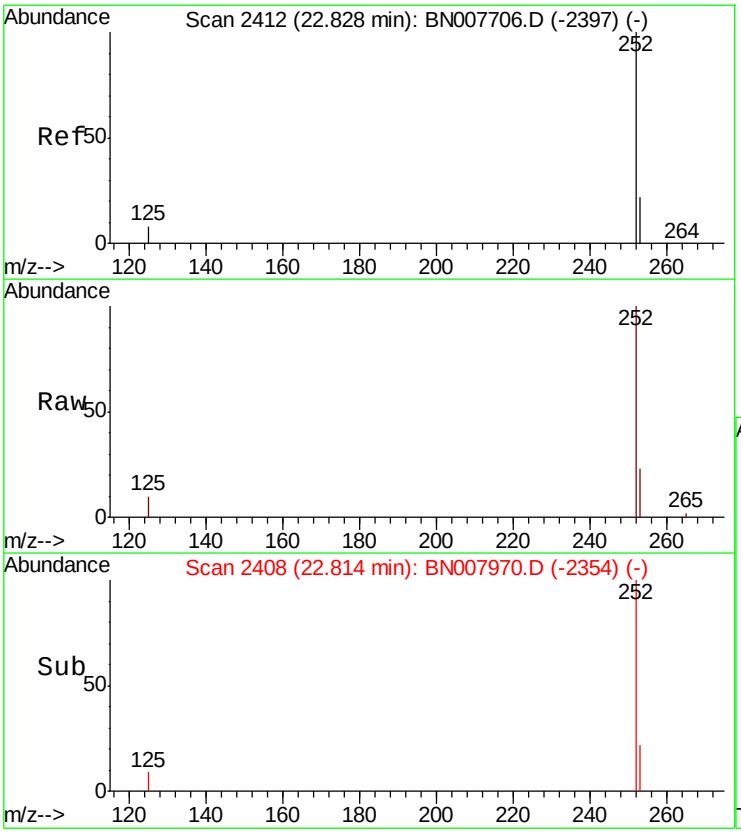
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 36704

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.3	28.9
265	41.0	26.9	40.3#

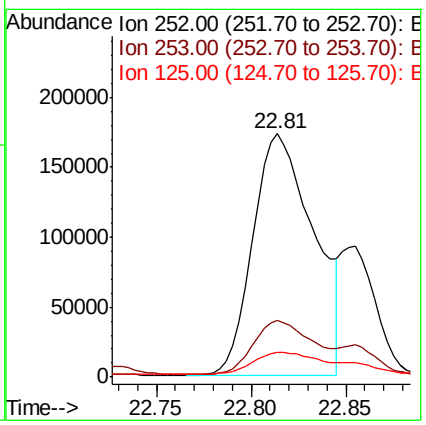


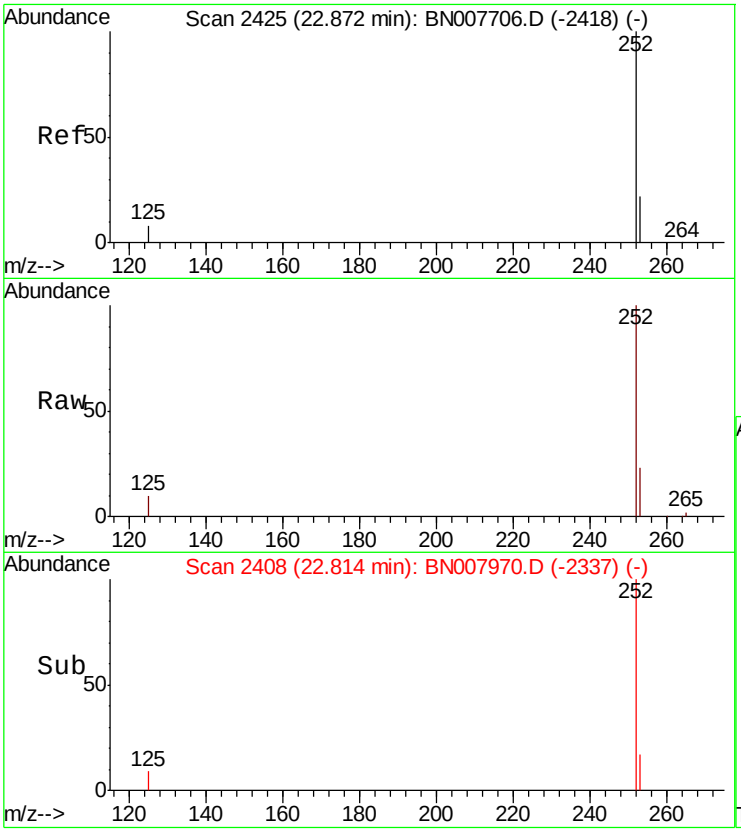


#35
Benzo(b)fluoranthene
Concen: 3.038 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion:252 Resp: 387054

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	10.2	8.2	12.4



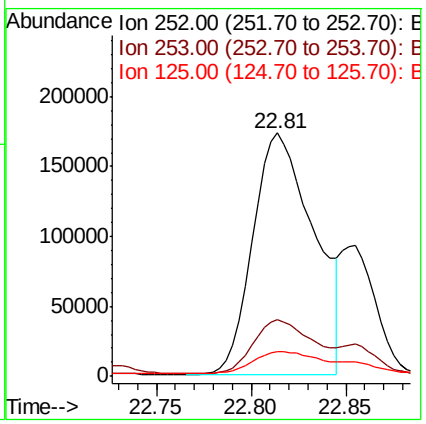


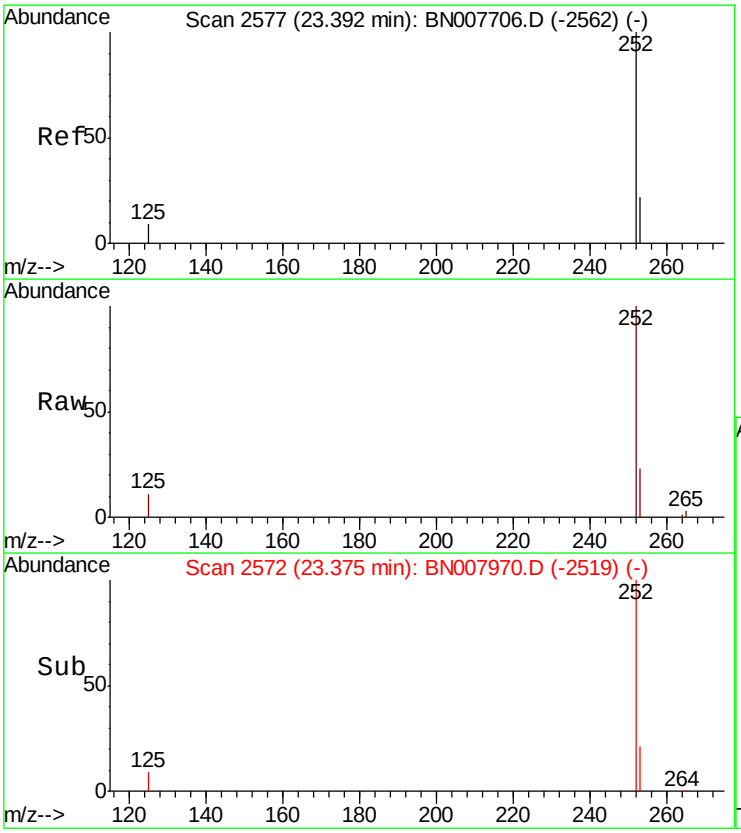
#36
Benzo(k)fluoranthene
Concen: 3.072 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.06 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 387054

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	10.2	8.4	12.6

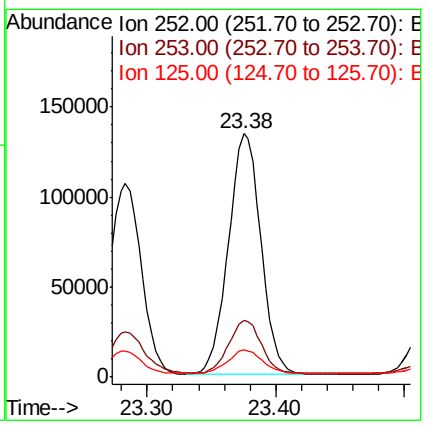


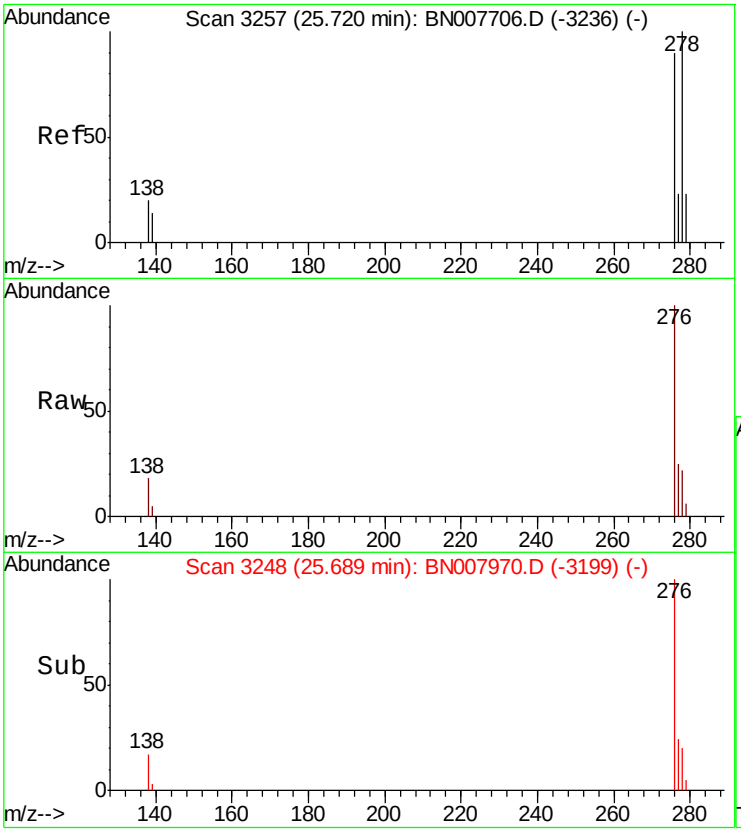


#37
Benzo(a)pyrene
Concen: 1.966 ng
RT: 23.38 min Scan# 2572
Delta R.T. -0.02 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion:252 Resp: 235410

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	11.0	9.4	14.0



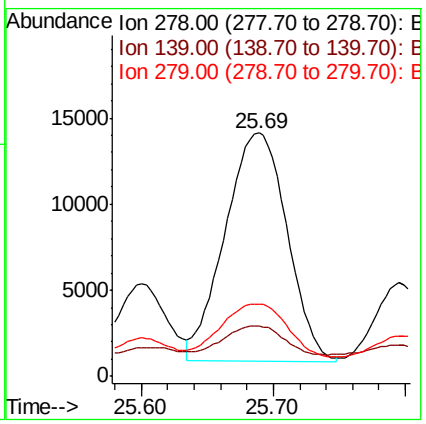


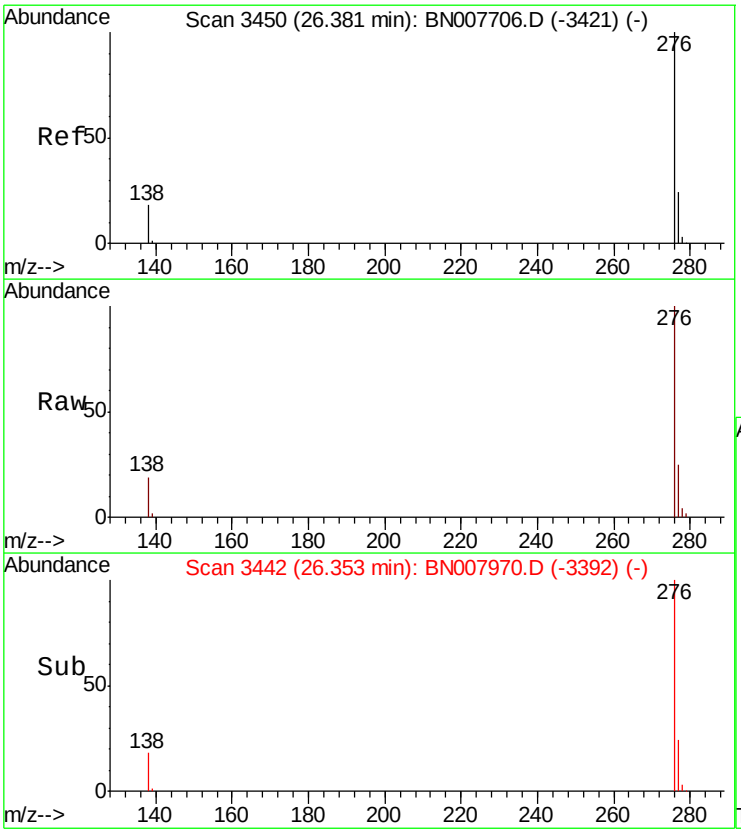
#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 25.69 min Scan# 3248
Delta R.T. -0.03 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 43437

Ion	Ratio	Lower	Upper
278	100		
139	20.9	11.8	17.6#
279	29.6	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 1.601 ng
RT: 26.35 min Scan# 3442
Delta R.T. -0.03 min
Lab File: BN007970.D
Acq: 02 Oct 2019 17:53

Tgt Ion:276 Resp: 194162

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	18.8	15.1	22.7