Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
Data File : BN007968.D
Acq On : 02 Oct 2019 16:42
Operator : JU
Sample : K5078-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 03 06:46:26 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	6508	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	26896	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	16931	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	35170	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	36018	0.40	ng		-0.02
34) Perylene-d12	23.47	264	38974	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	2127	0.09	ng		0.00
5) Phenol-d6	6.87	99	2887	0.10	ng		0.00
8) Nitrobenzene-d5	8.82	82	2183	0.09	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	4837	0.11	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	819	0.09	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	6427	0.09	ng		-0.01
25) Fluoranthene-d10	19.09	212	10977	0.09	ng		-0.02
29) Terphenyl-d14	19.70	244	9217	0.10	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.00	42	7541	2.270	ng	#	74
9) Naphthalene	10.51	128	2462	0.033	ng	#	75
12) 2-Methylnaphthalene	12.12	142	1992	0.039	ng	#	85
16) Acenaphthylene	14.03	152	39752	0.443	ng		99
17) Acenaphthene	14.37	154	1771	0.031	ng		92
18) Fluorene	15.36	166	5839	0.079	ng	#	12
22) Pentachlorophenol	16.72	266	196	0.023	ng	#	84
23) Phenanthrene	17.10	178	90047	0.822	ng		100
24) Anthracene	17.19	178	36031	0.364	ng		99
26) Fluoranthene	19.12	202	198033	1.454	ng		99
28) Pyrene	19.48	202	212620	1.731	ng		96
30) Benzo(a)anthracene	21.24	228	112795	0.850	ng		92
31) Chrysene	21.29	228	126086	0.975	ng		97
32) Bis(2-ethylhexyl)phthalate	21.18	149	57736	0.846	ng		97
33) Indeno(1,2,3-cd)pyrene	25.68	276	92260	0.570	ng		96
35) Benzo(b)fluoranthene	22.81	252	175367	1.296	ng	#	93
36) Benzo(k)fluoranthene	22.81	252	175367	1.311	ng	#	93
37) Benzo(a)pyrene	23.37	252	115545	0.909	ng	#	93
38) Dibenzo(a,h)anthracene	25.69	278	27459	0.211	ng	#	59
39) Benzo(g,h,i)perylene	26.36	276	110492	0.858	ng		95

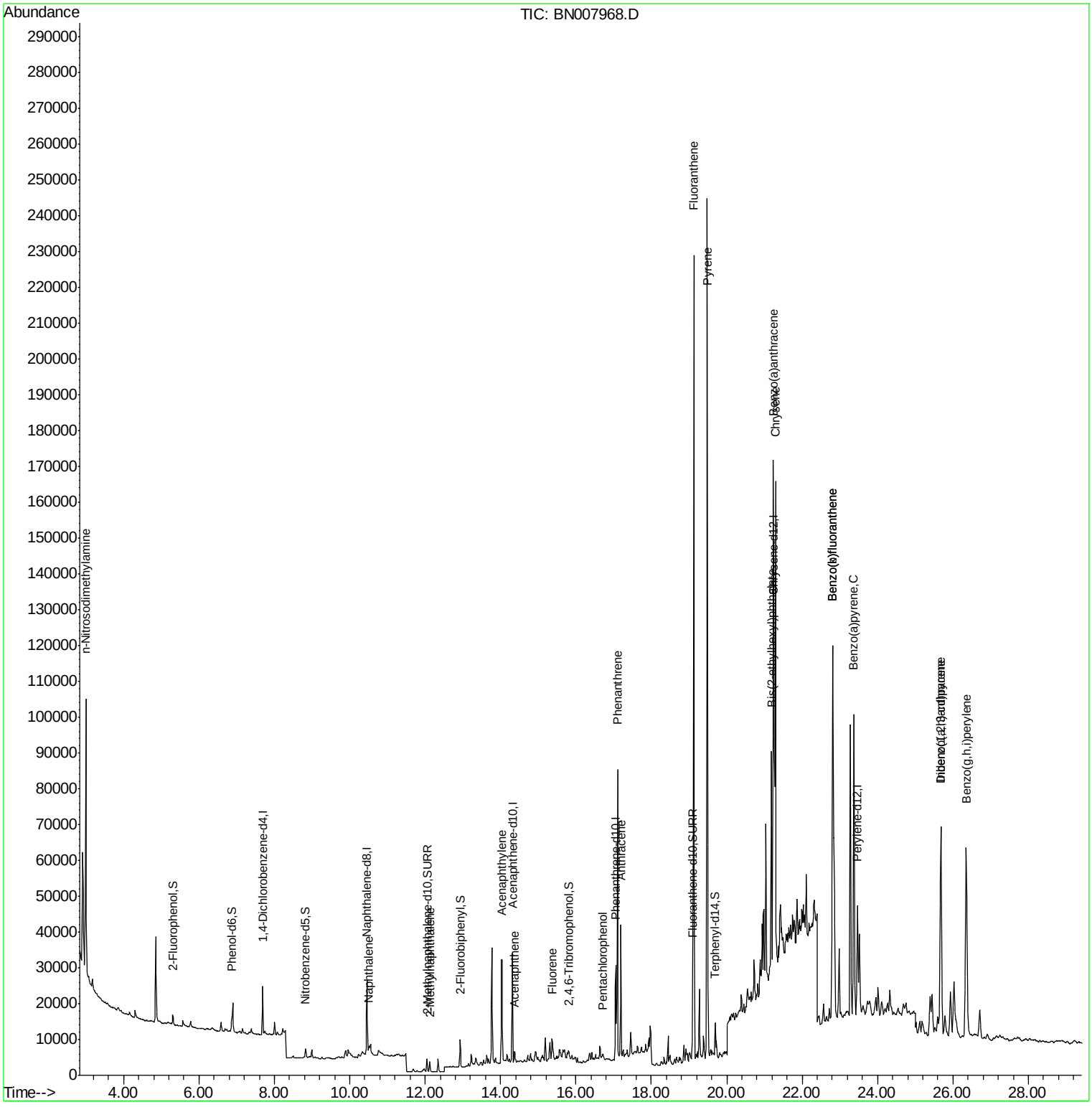
(#) = qualifier out of range (m) = manual integration (+) = signals summed

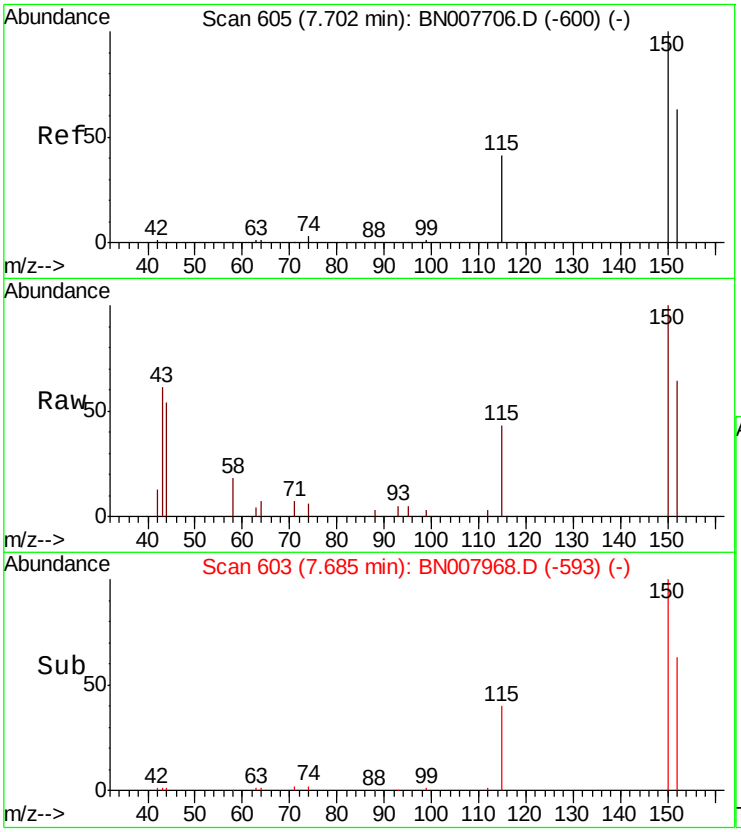
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
Data File : BN007968.D
Acq On : 02 Oct 2019 16:42
Operator : JU
Sample : K5078-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 03 06:46:26 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



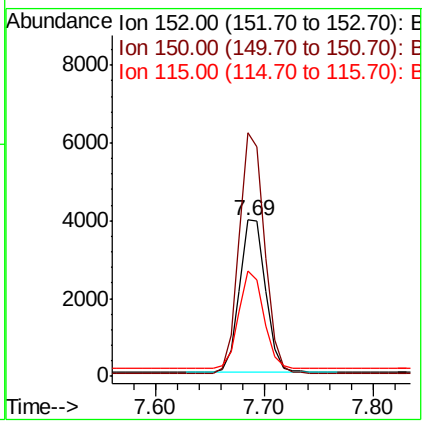


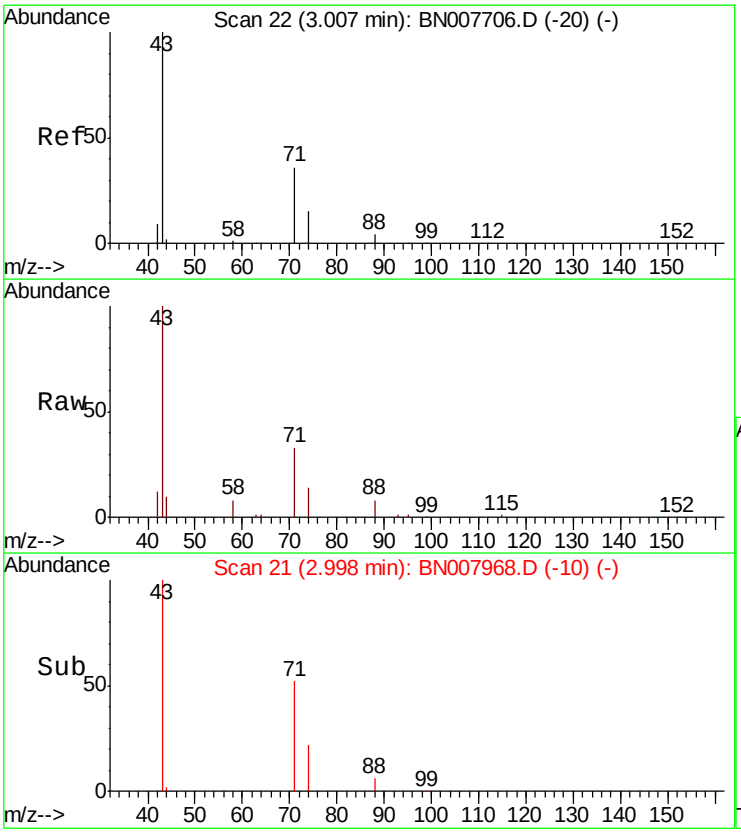
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6508

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.6	188.4
115	67.2	53.3	79.9

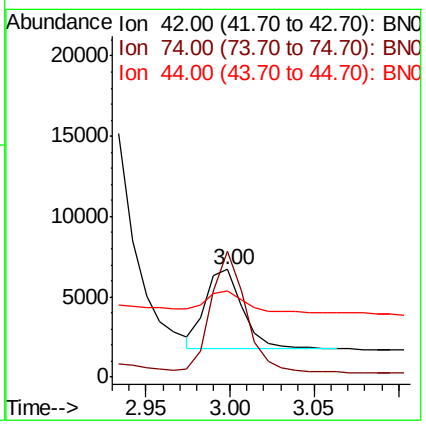


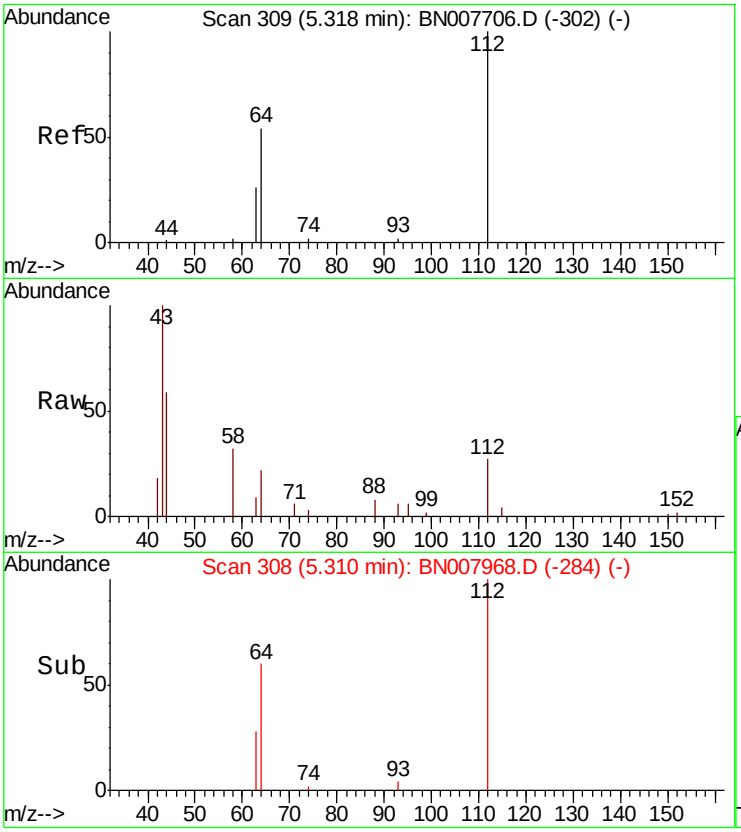


#3
n-Nitrosodimethylamine
Concen: 2.270 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion: 42 Resp: 7541

Ion	Ratio	Lower	Upper
42	100		
74	143.4	87.9	131.9#
44	30.9	29.4	44.0



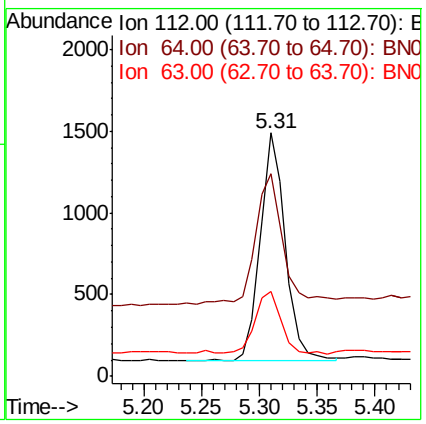


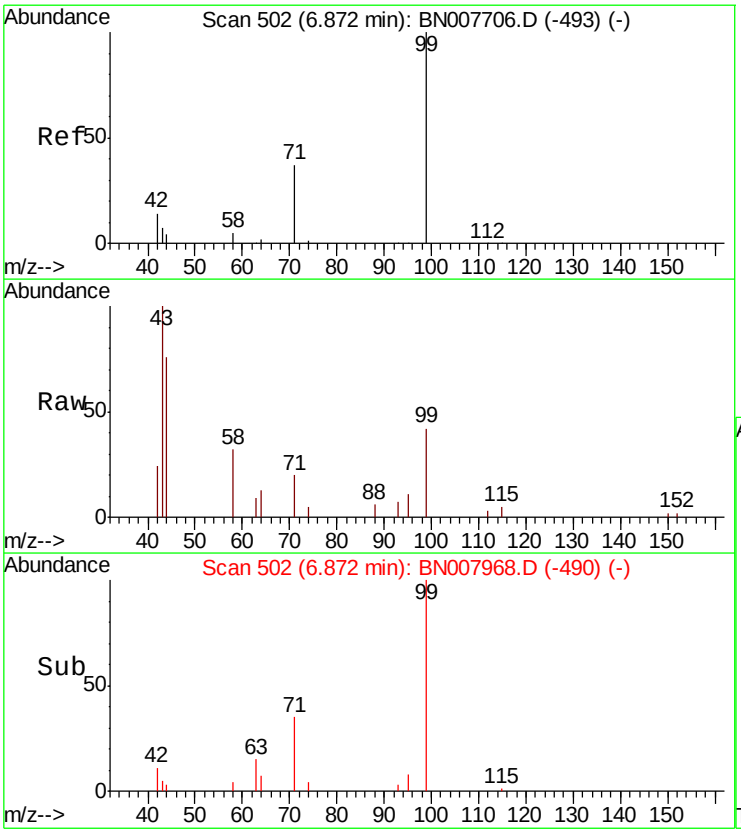
#4
2-Fluorophenol
Concen: 0.095 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 2127

Ion	Ratio	Lower	Upper
112	100		
64	78.0	46.6	70.0#
63	28.2	23.1	34.7

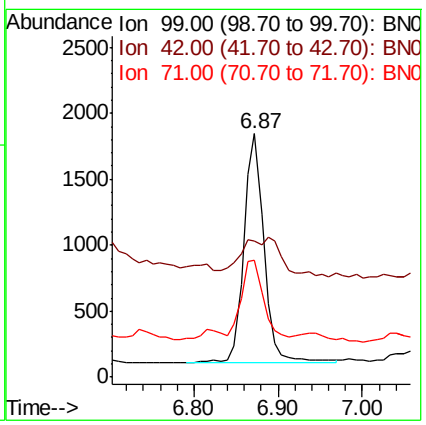


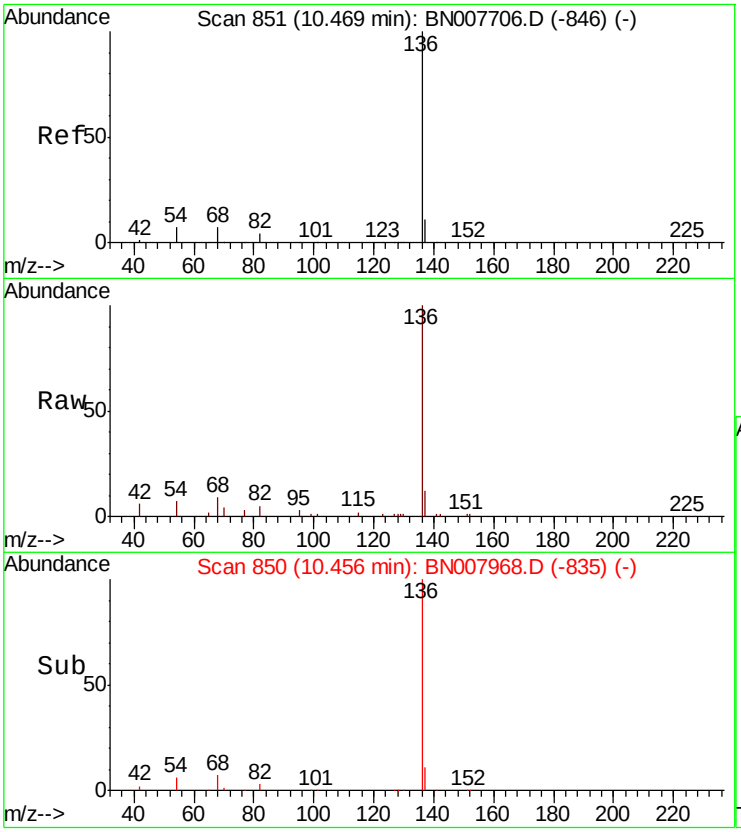


#5
Phenol-d6
Concen: 0.099 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion: 99 Resp: 2887

Ion	Ratio	Lower	Upper
99	100		
42	33.2	12.8	19.2#
71	38.9	27.6	41.4



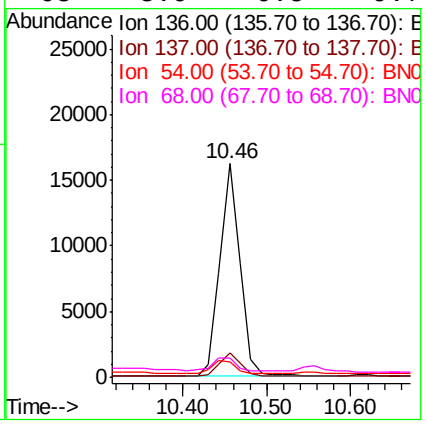


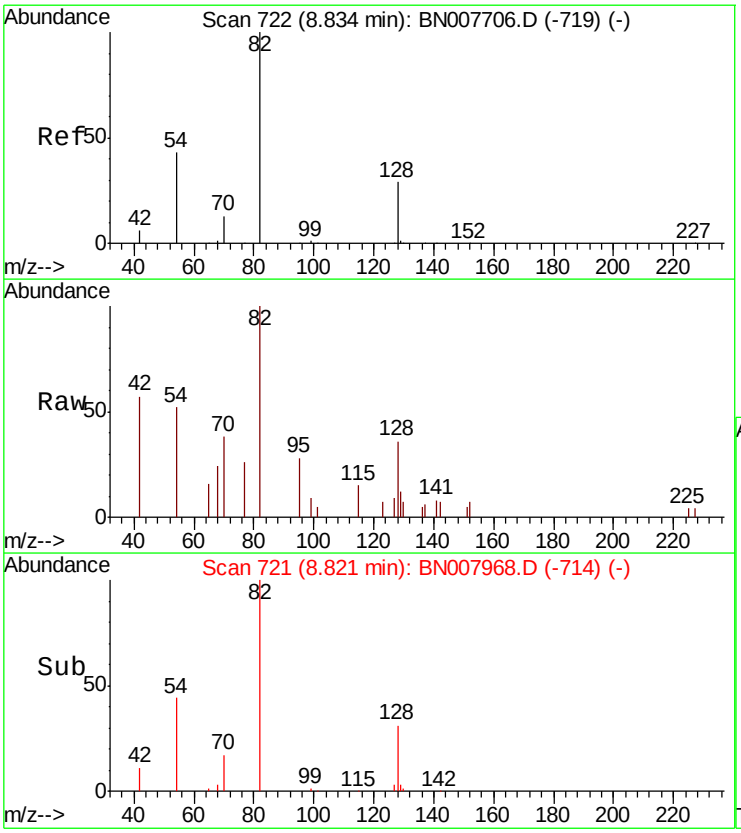
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 26896

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.1	5.8	8.8
68	8.9	6.5	9.7

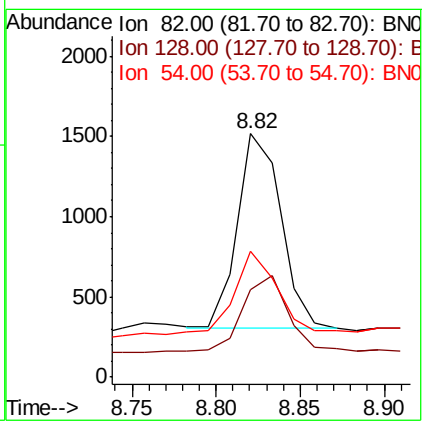


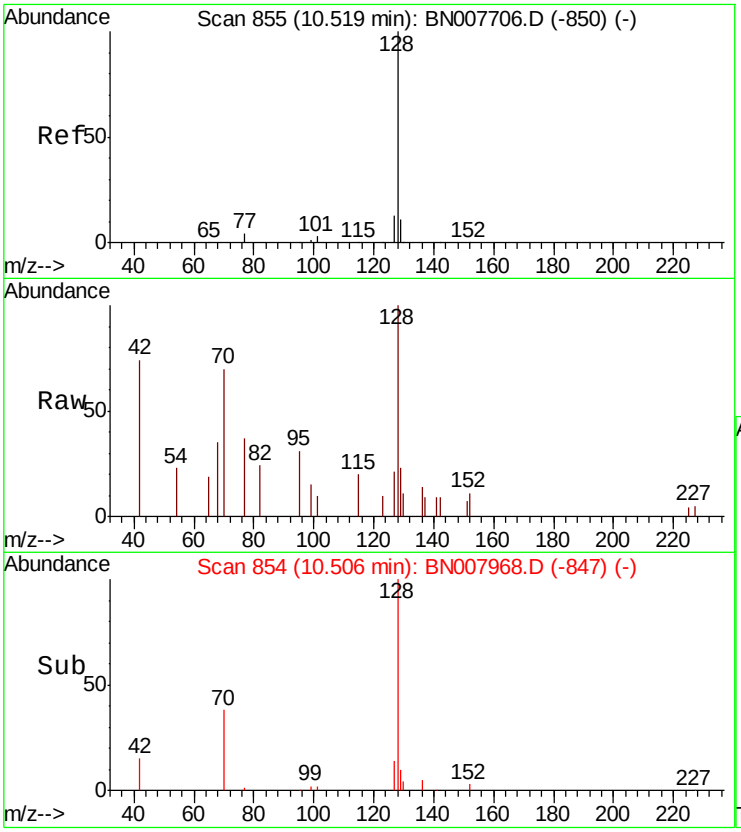


#8
Nitrobenzene-d5
Concen: 0.093 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion: 82 Resp: 2183

Ion	Ratio	Lower	Upper
82	100		
128	35.7	24.5	36.7
54	51.6	35.2	52.8



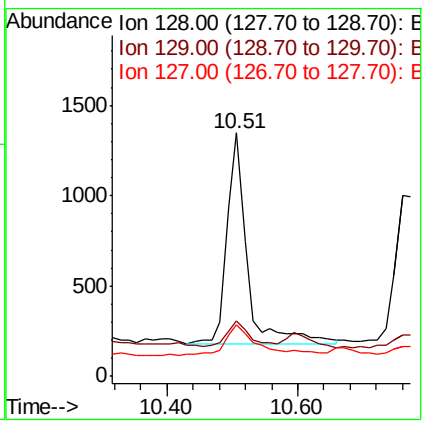


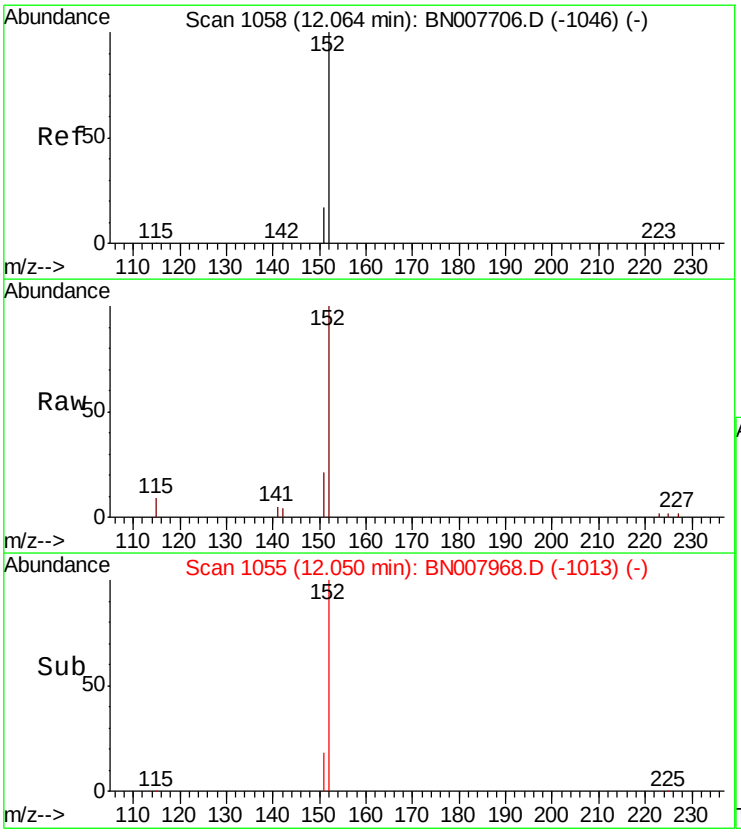
#9
Naphthalene
Concen: 0.033 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2462

Ion	Ratio	Lower	Upper
128	100		
129	22.9	9.1	13.7#
127	21.1	10.6	15.8#

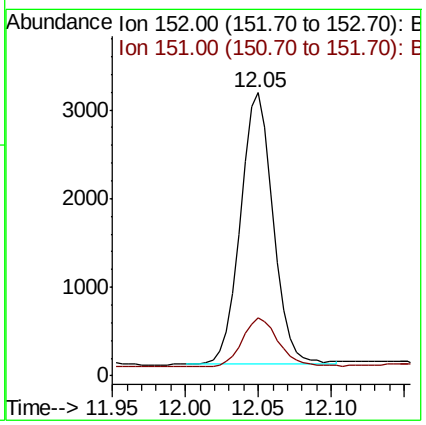


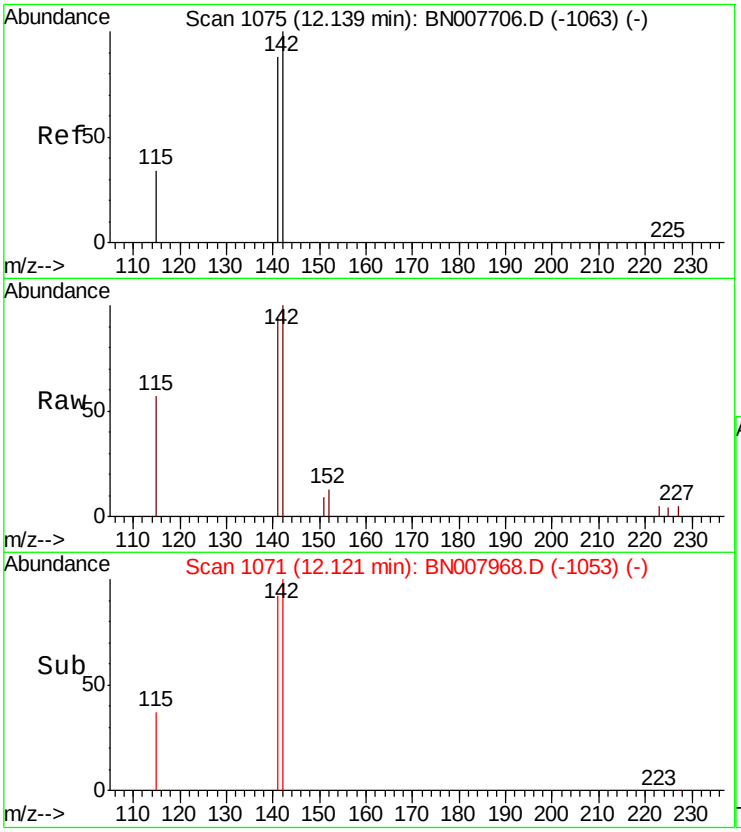


#11
2-Methylnaphthalene-d10
Concen: 0.107 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion:152 Resp: 4837

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.2



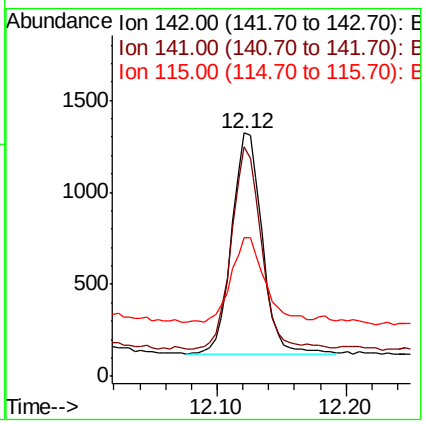


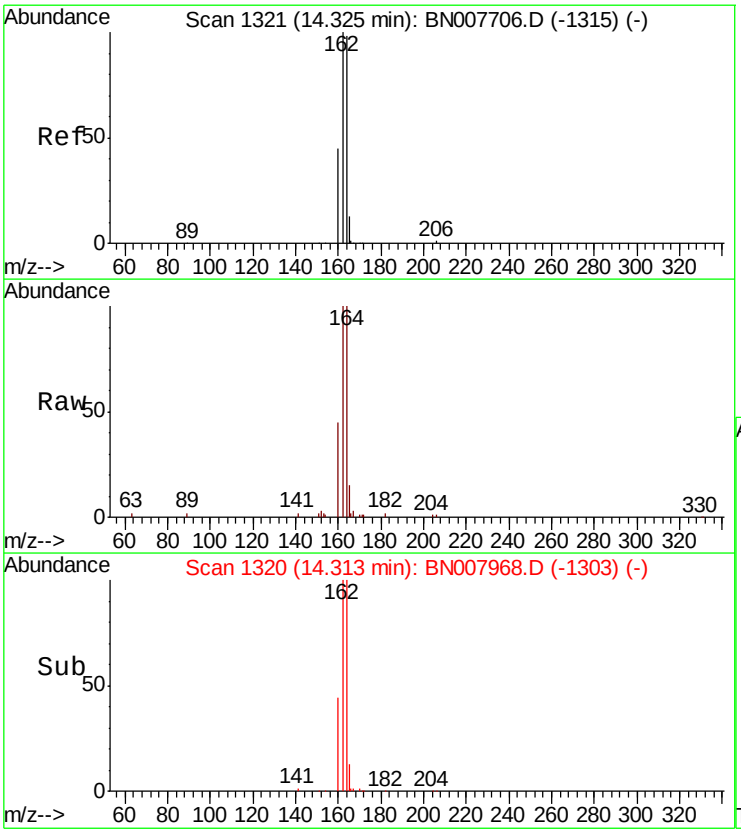
#12
2-Methylnaphthalene
Concen: 0.039 ng
RT: 12.12 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 1992

Ion	Ratio	Lower	Upper
142	100		
141	94.4	70.6	106.0
115	57.1	28.3	42.5#

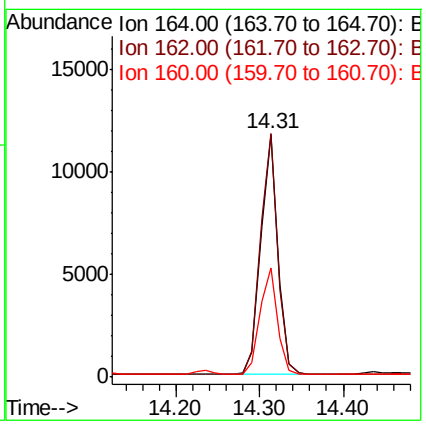


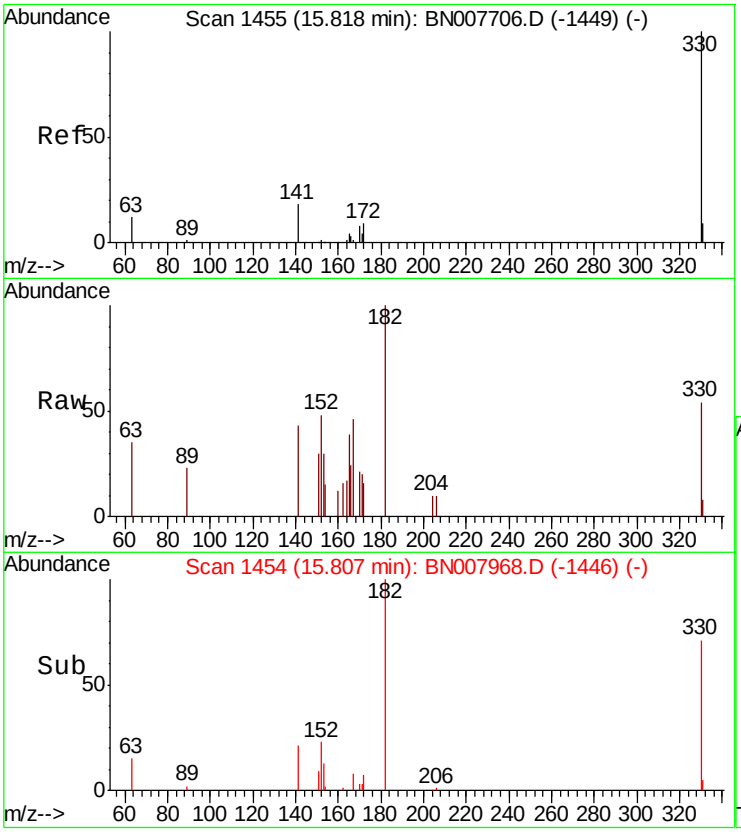


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion:164 Resp: 16931

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.7	122.5
160	44.9	37.0	55.4



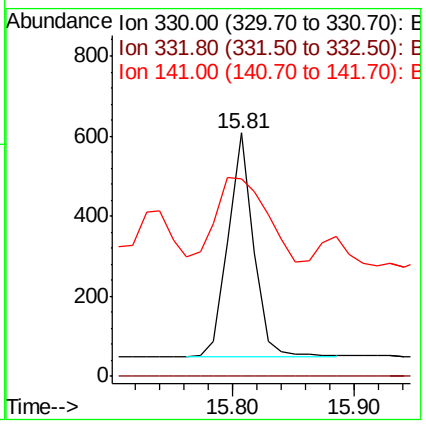


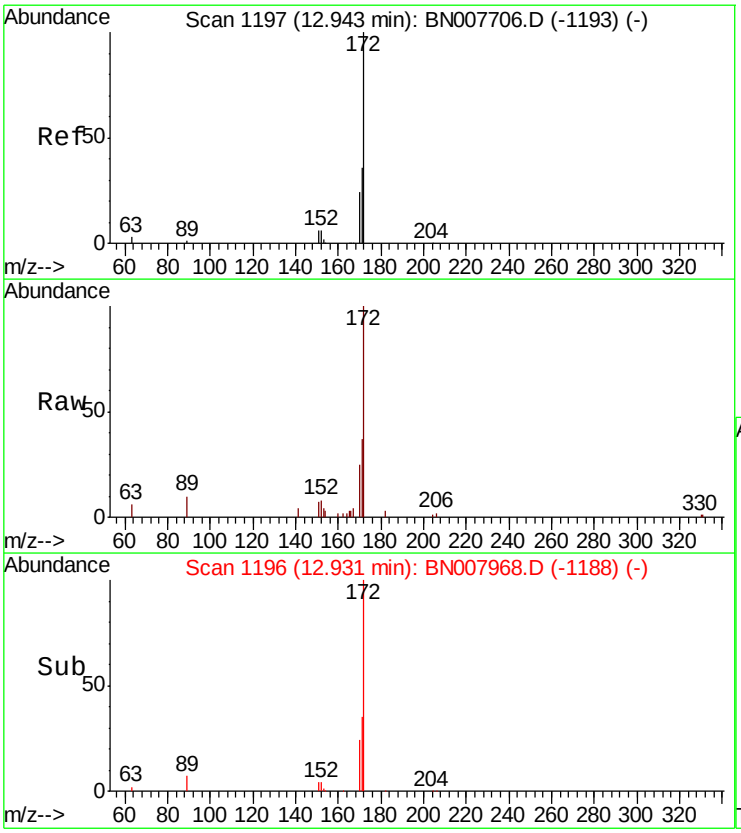
#14
2,4,6-Tribromophenol
Concen: 0.089 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 819

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	73.1	28.7	43.1#

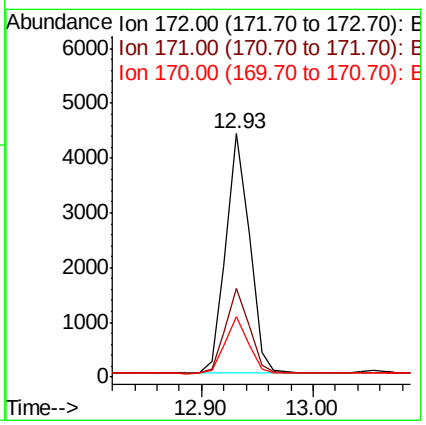


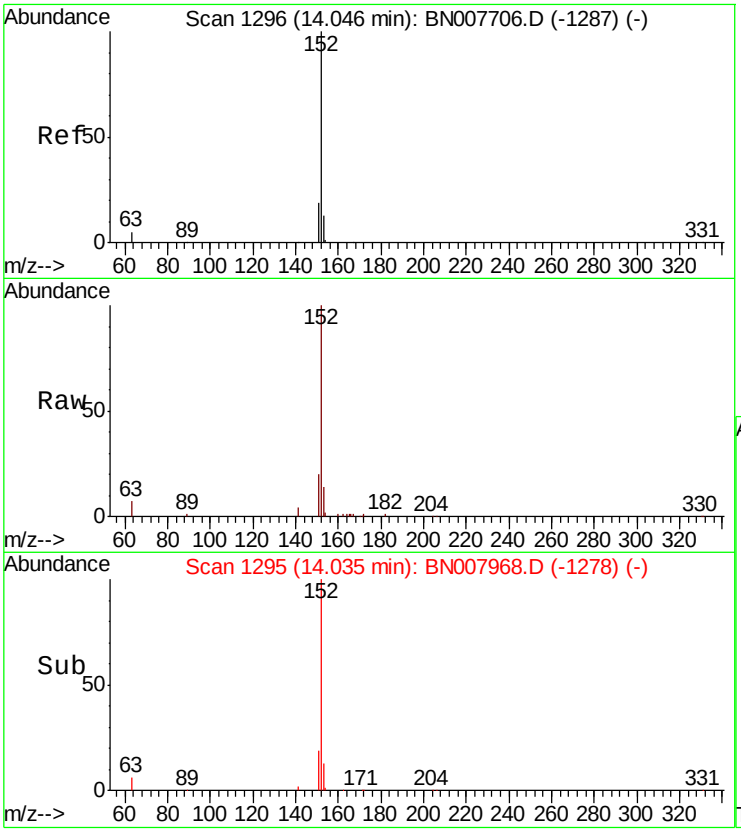


#15
2-Fluorobiphenyl
Concen: 0.092 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion:172 Resp: 6427

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.8	43.2
170	24.8	19.5	29.3



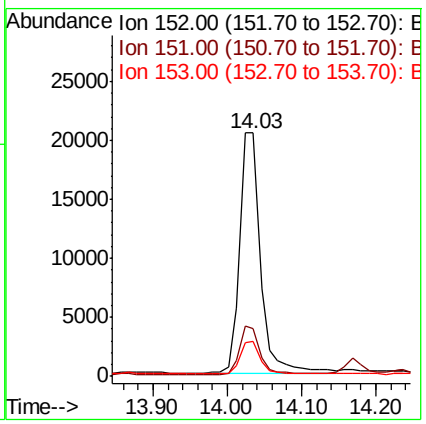


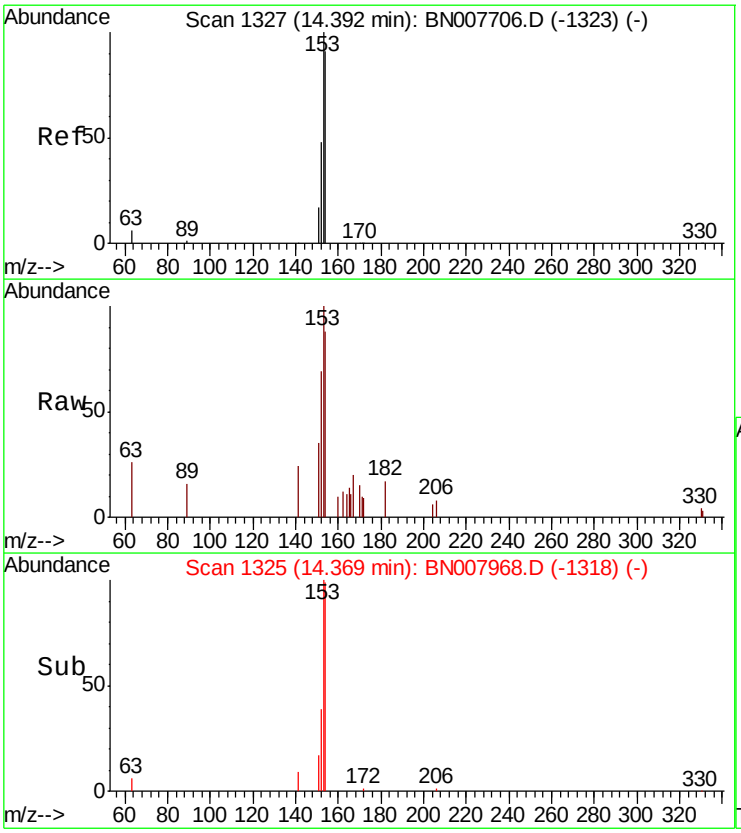
#16
Acenaphthylene
Concen: 0.443 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 39752

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3
153	13.1	10.4	15.6

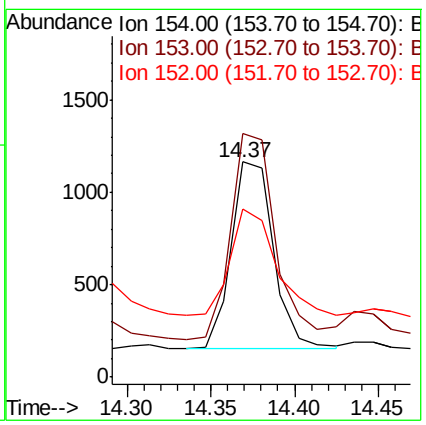


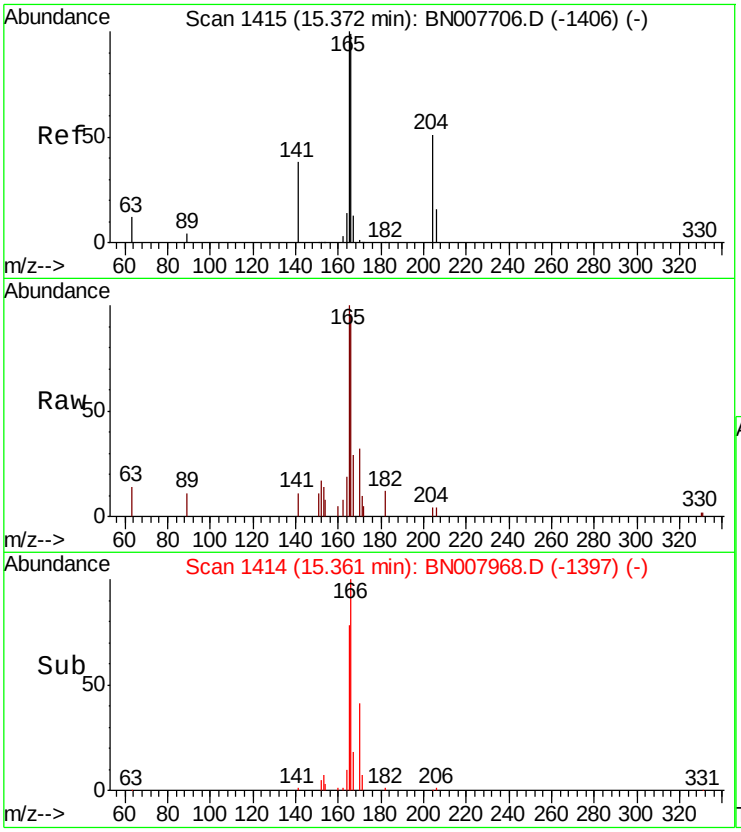


#17
Acenaphthene
Concen: 0.031 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion:154 Resp: 1771

Ion	Ratio	Lower	Upper
154	100		
153	115.6	87.0	130.4
152	60.8	42.7	64.1



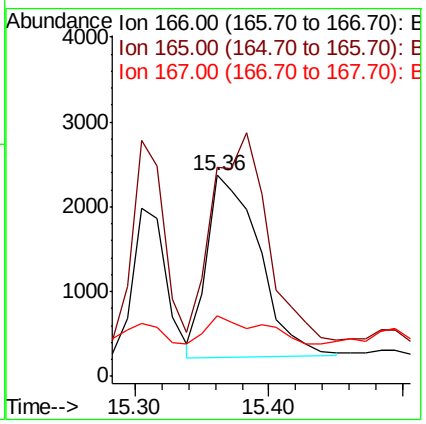


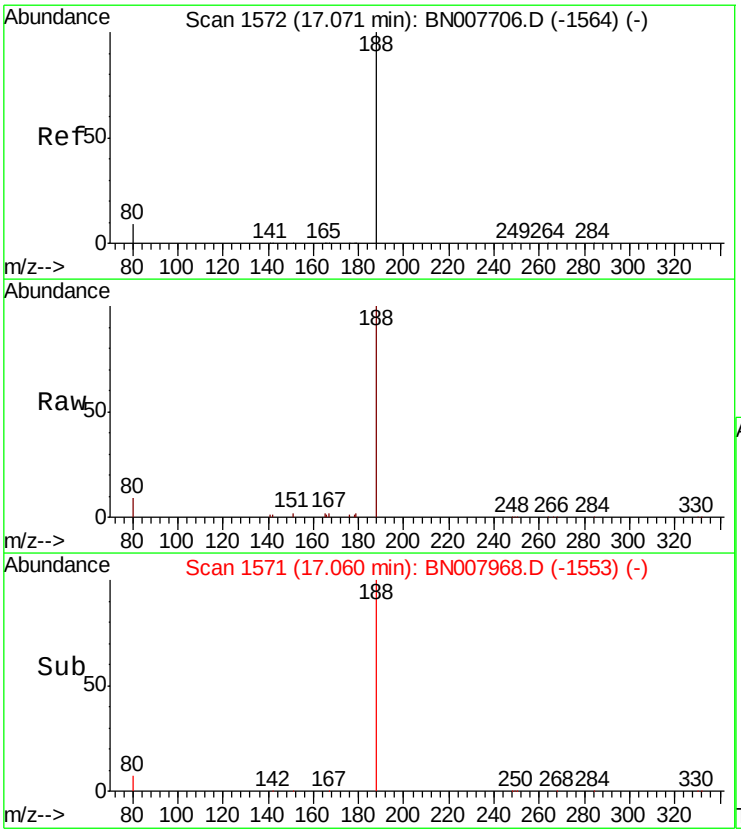
#18
Fluorene
Concen: 0.079 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 5839

Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.0	117.0#
167	16.5	10.9	16.3#

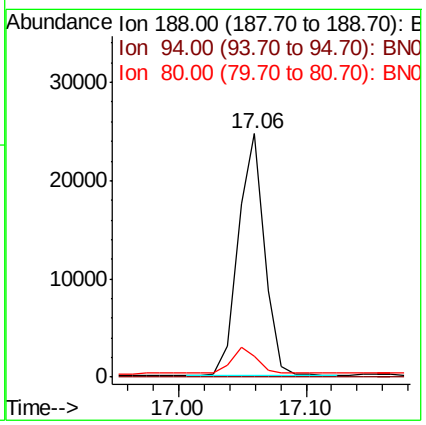


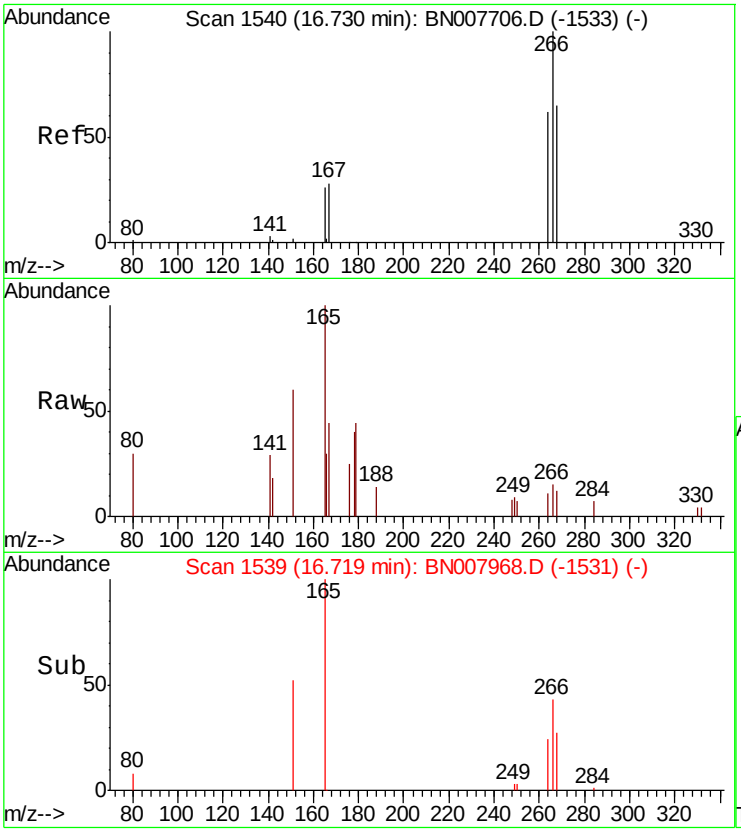


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion:188 Resp: 35170

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	7.4	11.2



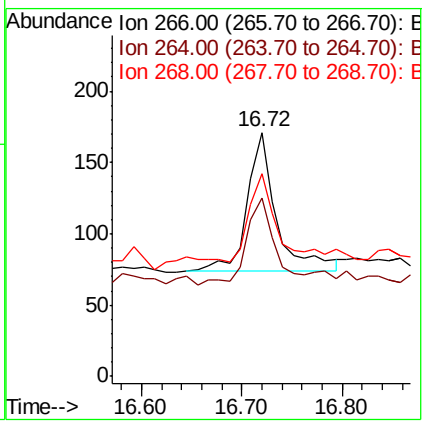


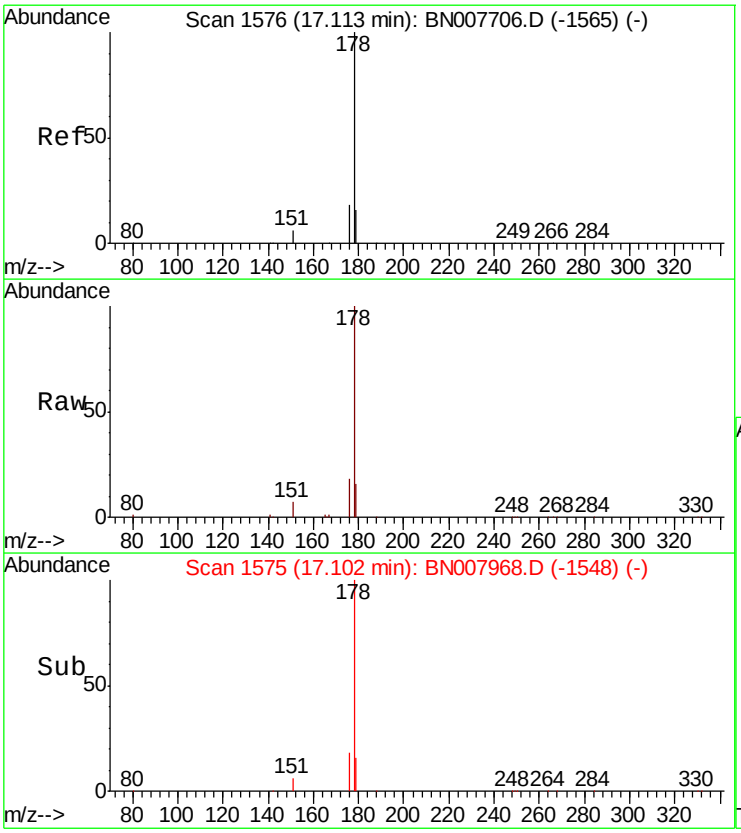
#22
Pentachlorophenol
Concen: 0.023 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 196

Ion	Ratio	Lower	Upper
266	100		
264	73.1	50.0	75.0
268	83.0	54.2	81.4#

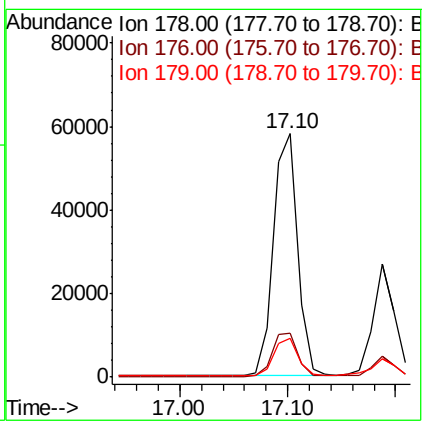


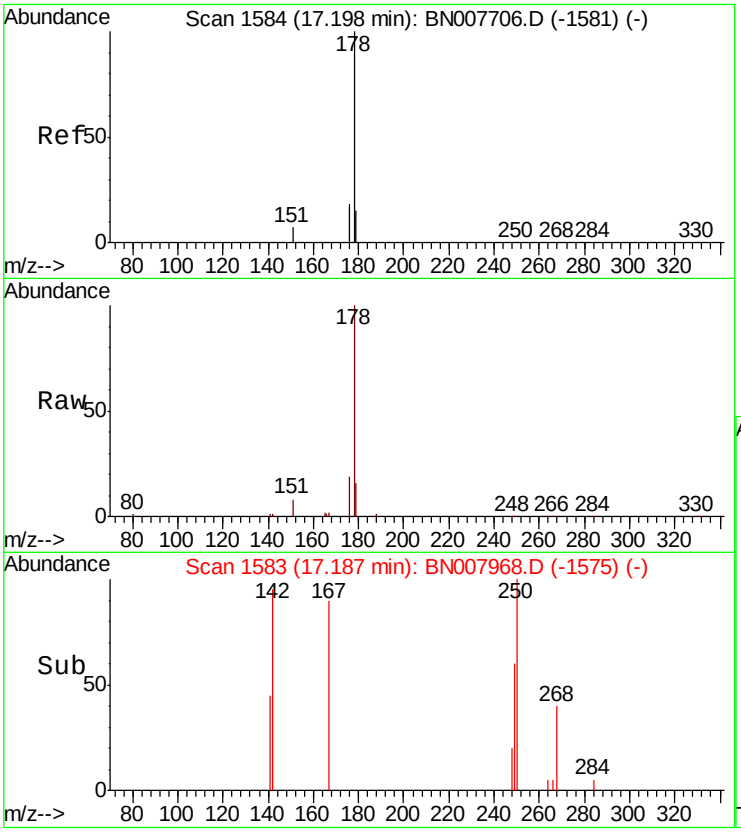


#23
Phenanthrene
Concen: 0.822 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion:178 Resp: 90047

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.8	12.5	18.7



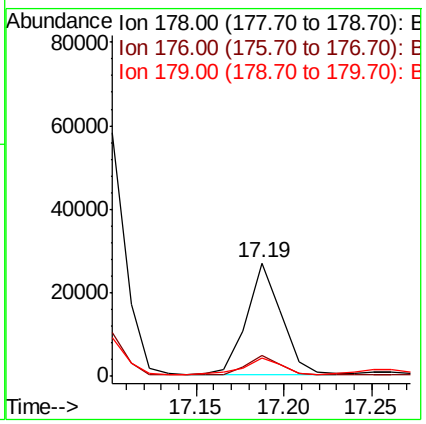


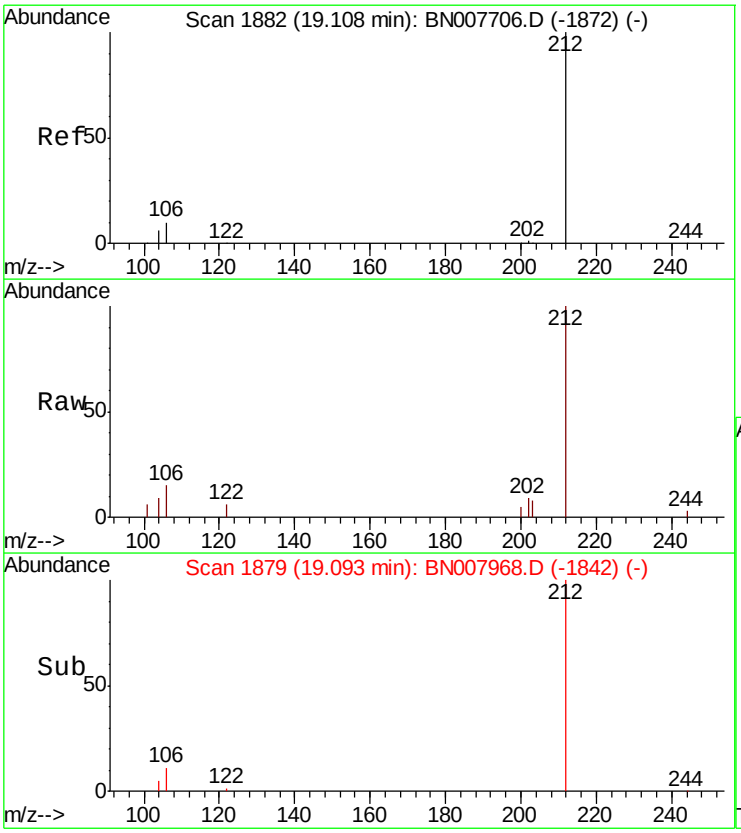
#24
Anthracene
Concen: 0.364 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 36031

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.9	12.2	18.4

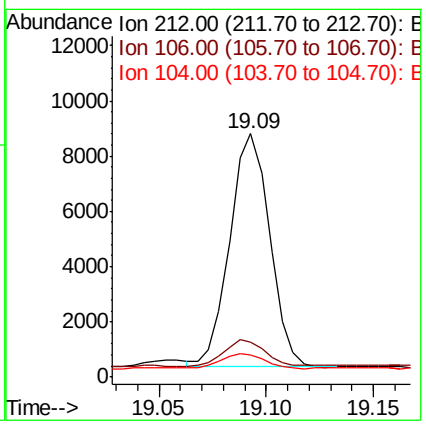


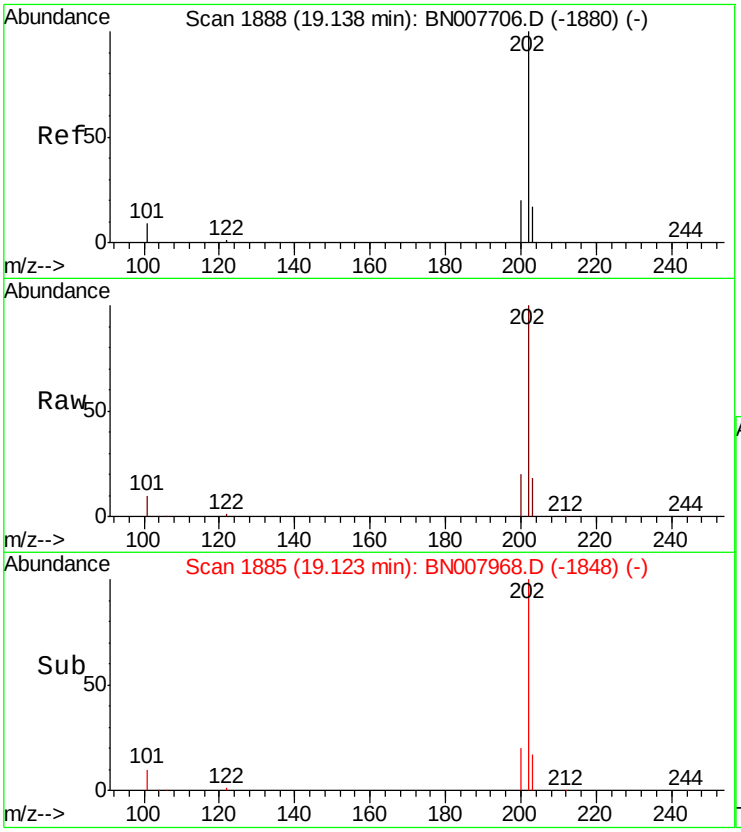


#25
Fluoranthene-d10
Concen: 0.093 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion:212 Resp: 10977

Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.4	14.0
104	8.1	5.3	7.9#



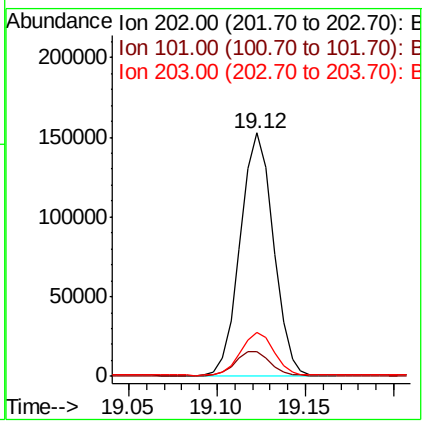


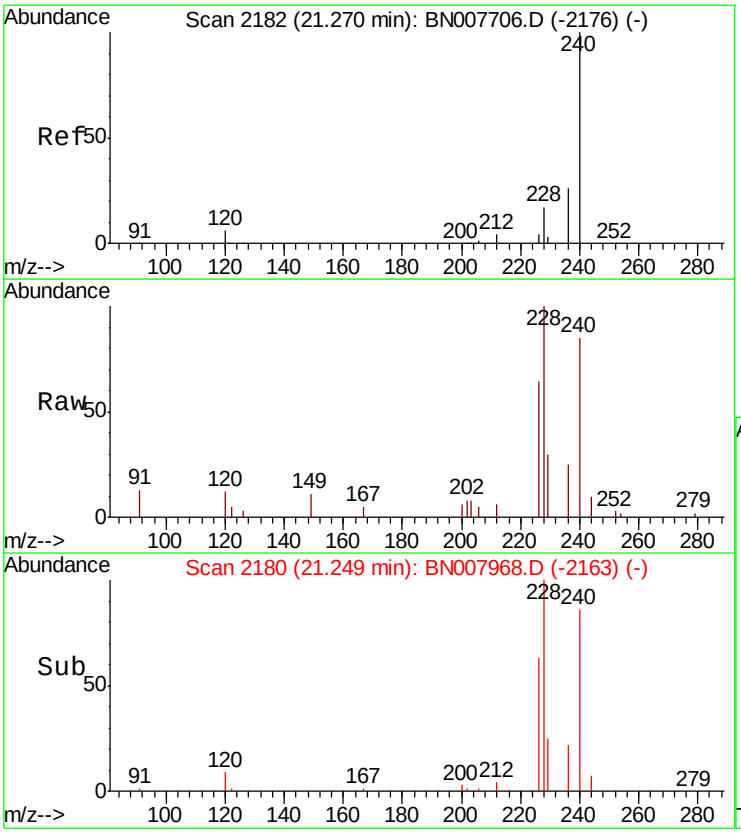
#26
Fluoranthene
Concen: 1.454 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.02 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 198033

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
203	17.7	13.8	20.8

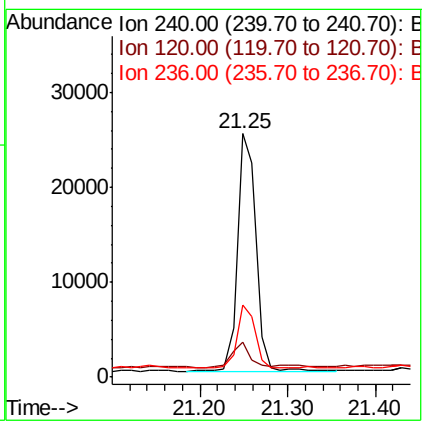


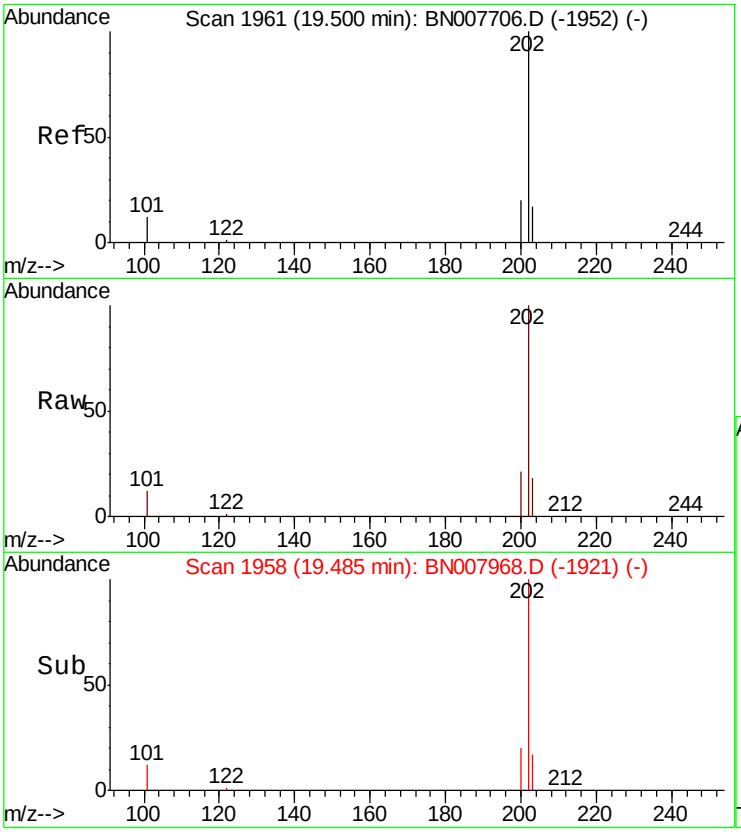


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion:240 Resp: 36018

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.4	8.2#
236	29.6	21.0	31.4



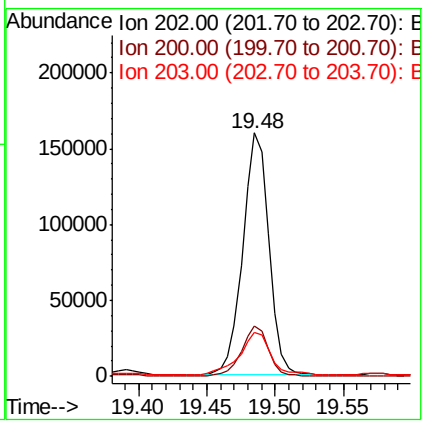


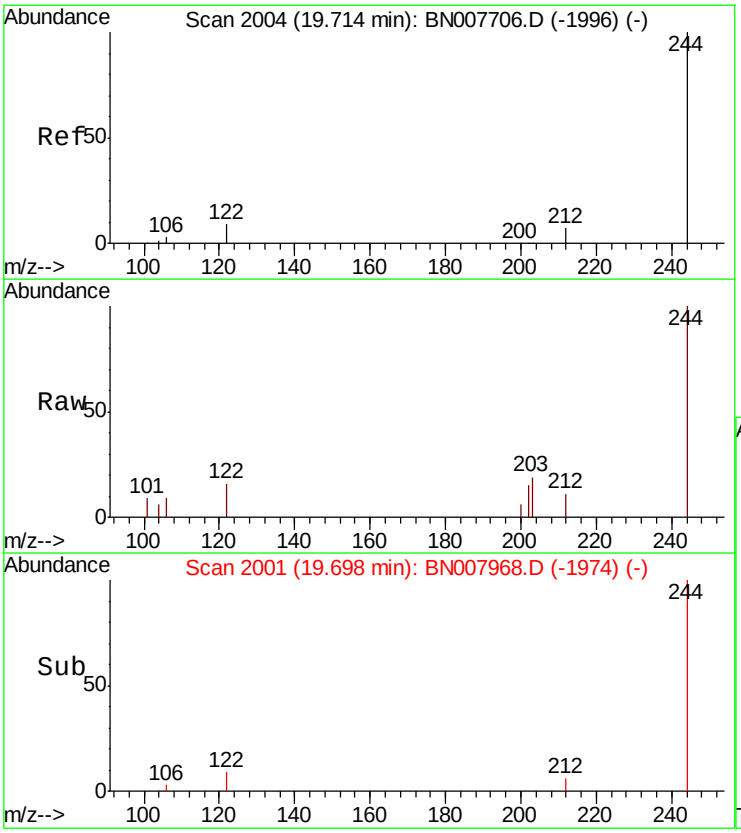
#28
Pyrene
Concen: 1.731 ng
RT: 19.48 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 212620

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	20.9	14.1	21.1

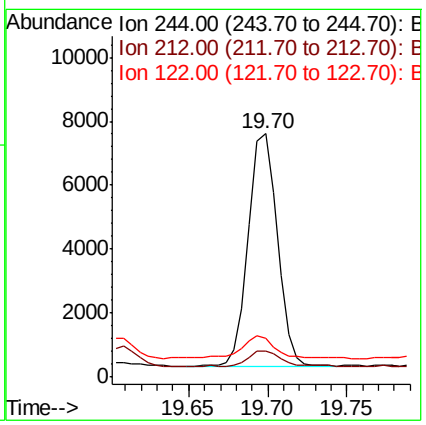


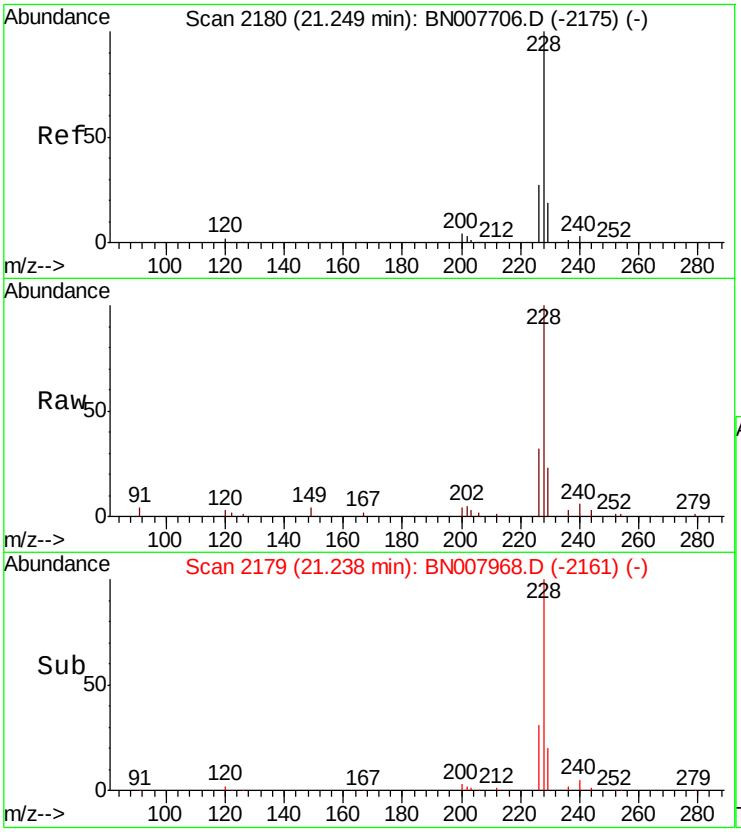


#29
Terphenyl-d14
Concen: 0.104 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion:244 Resp: 9217

Ion	Ratio	Lower	Upper
244	100		
212	10.9	5.9	8.9#
122	16.1	7.4	11.2#



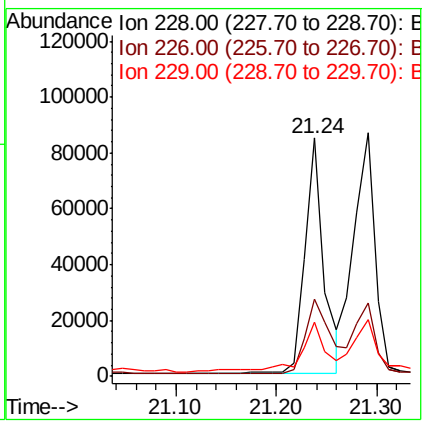


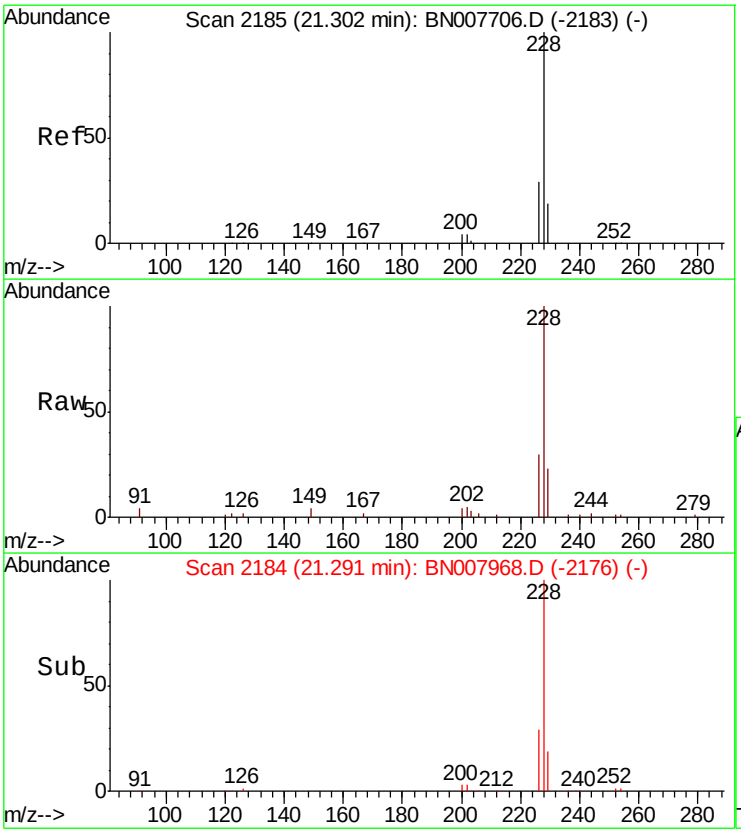
#30
Benzo(a)anthracene
Concen: 0.850 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 112795

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.1	33.1
229	22.9	15.8	23.6

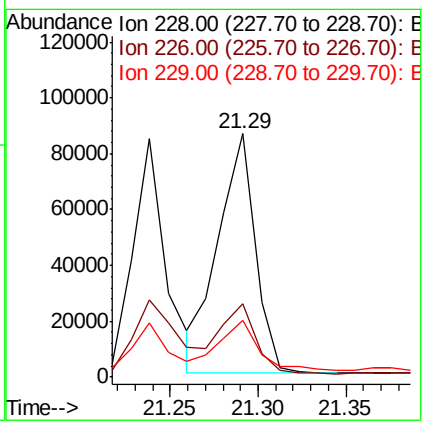


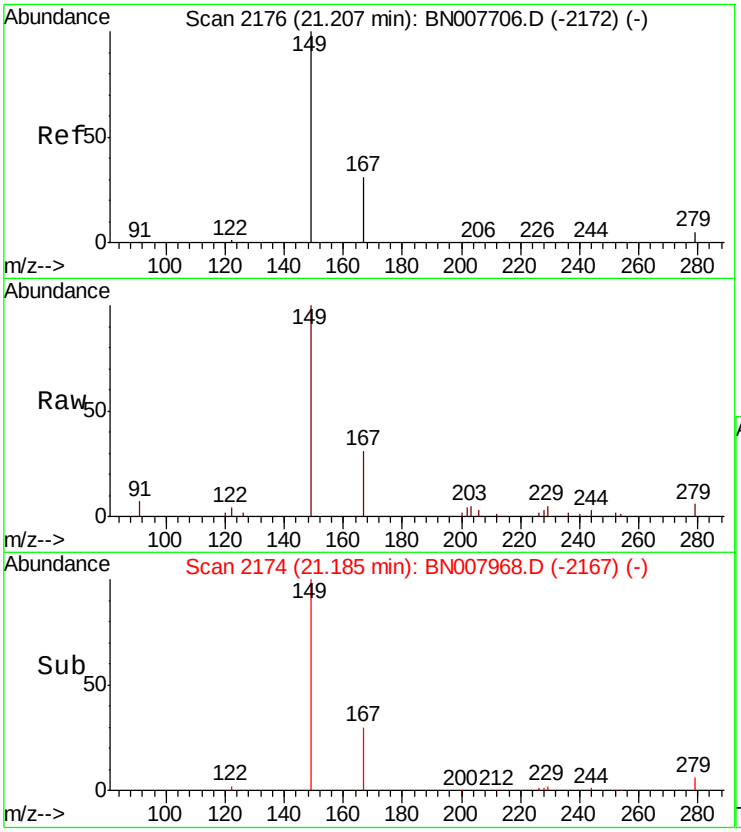


#31
Chrysene
Concen: 0.975 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion:228 Resp: 126086

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	23.4	15.8	23.6



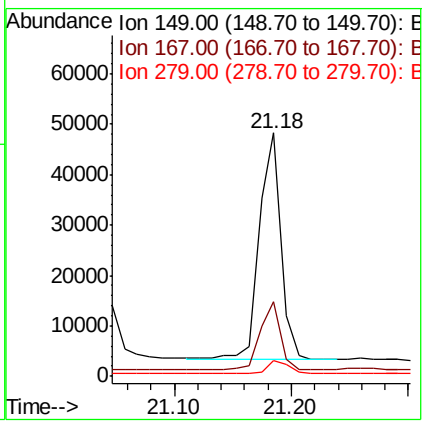


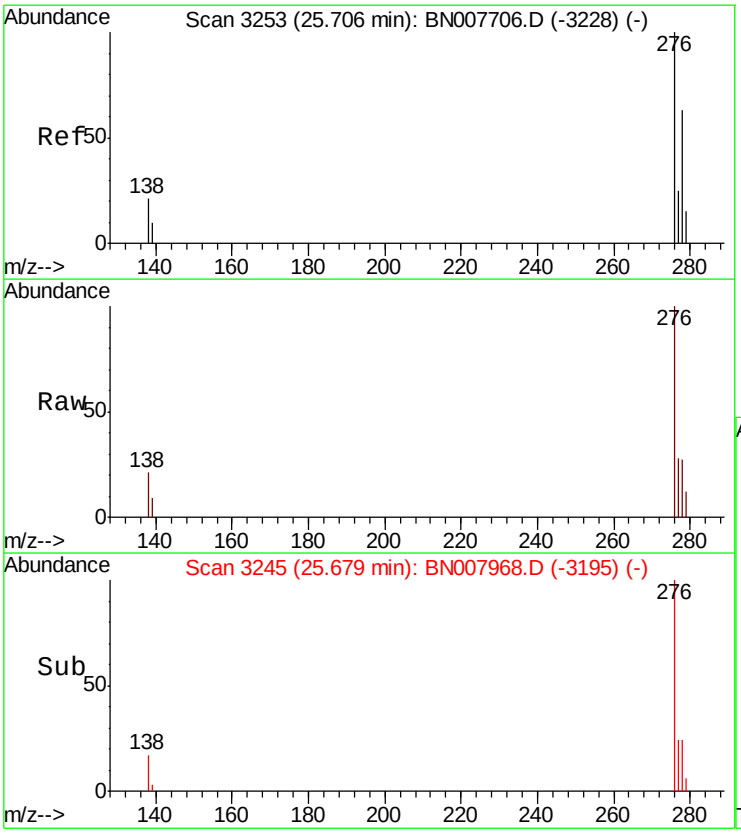
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.846 ng
RT: 21.18 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 57736

Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.7	35.5
279	5.6	4.2	6.2

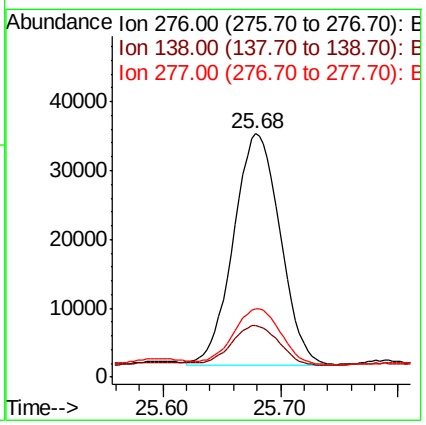


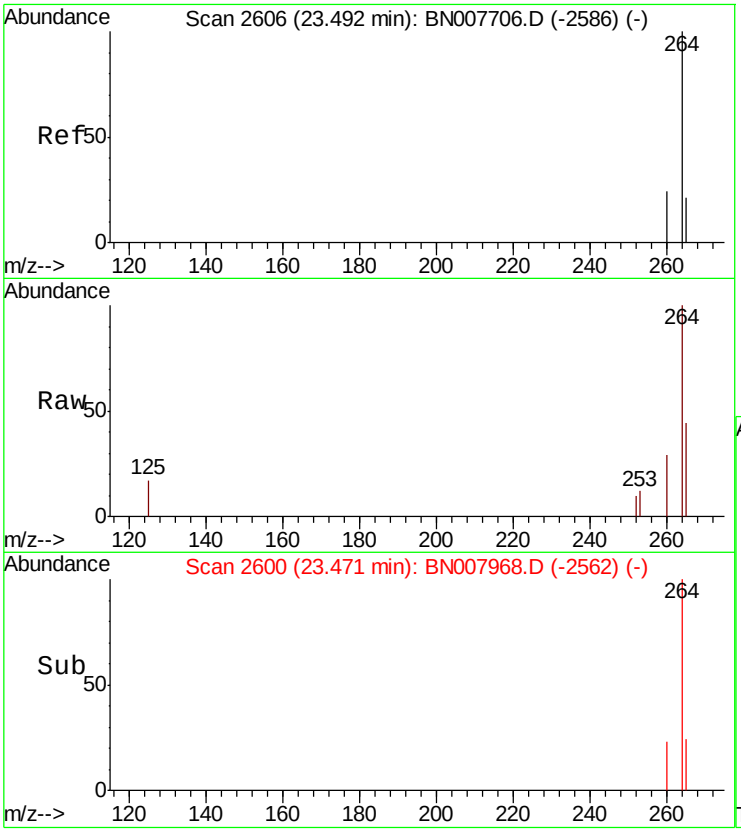


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.570 ng
RT: 25.68 min Scan# 3245
Delta R.T. -0.03 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion:276 Resp: 92260

Ion	Ratio	Lower	Upper
276	100		
138	17.3	17.1	25.7
277	24.8	20.0	30.0



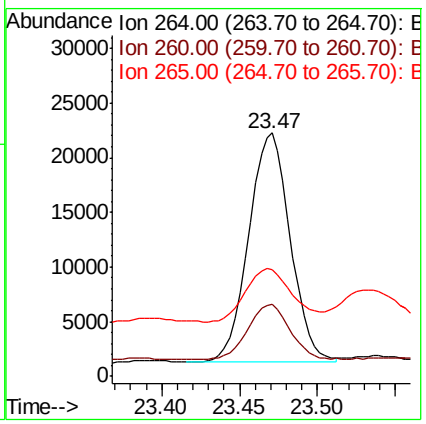


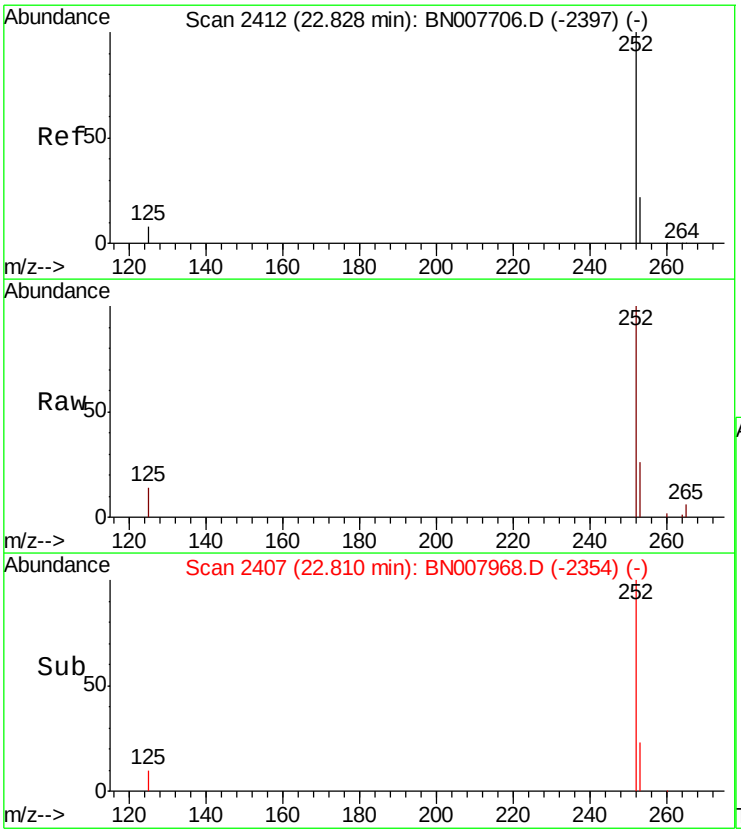
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 38974

Ion	Ratio	Lower	Upper
264	100		
260	29.4	19.3	28.9#
265	44.1	26.9	40.3#

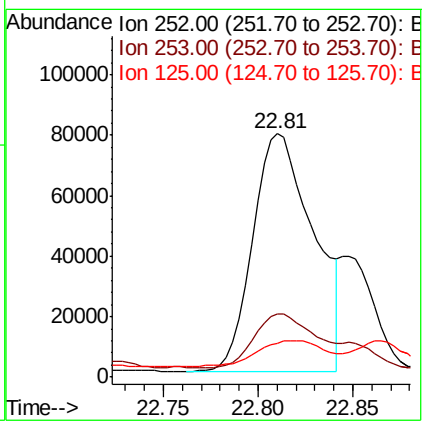


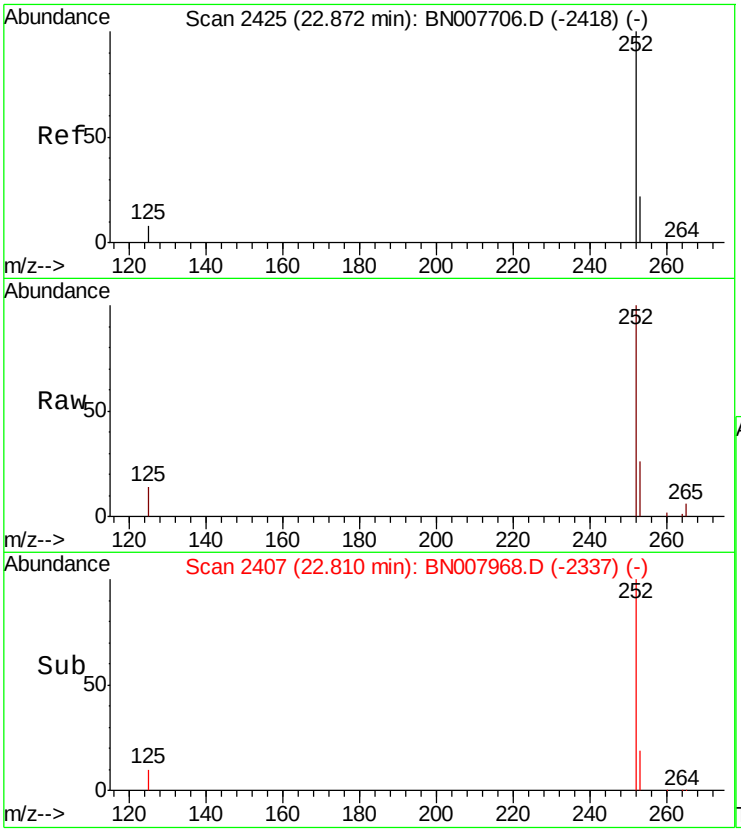


#35
Benzo(b)fluoranthene
Concen: 1.296 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.02 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion:252 Resp: 175367

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.3	27.5
125	14.1	8.2	12.4#



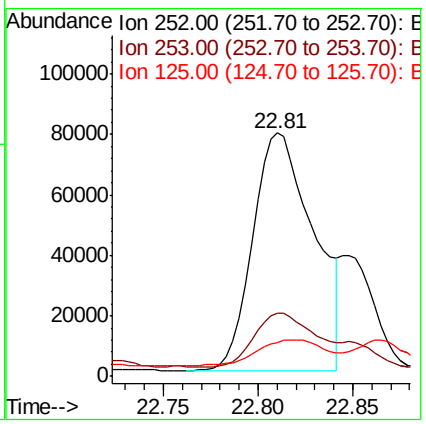


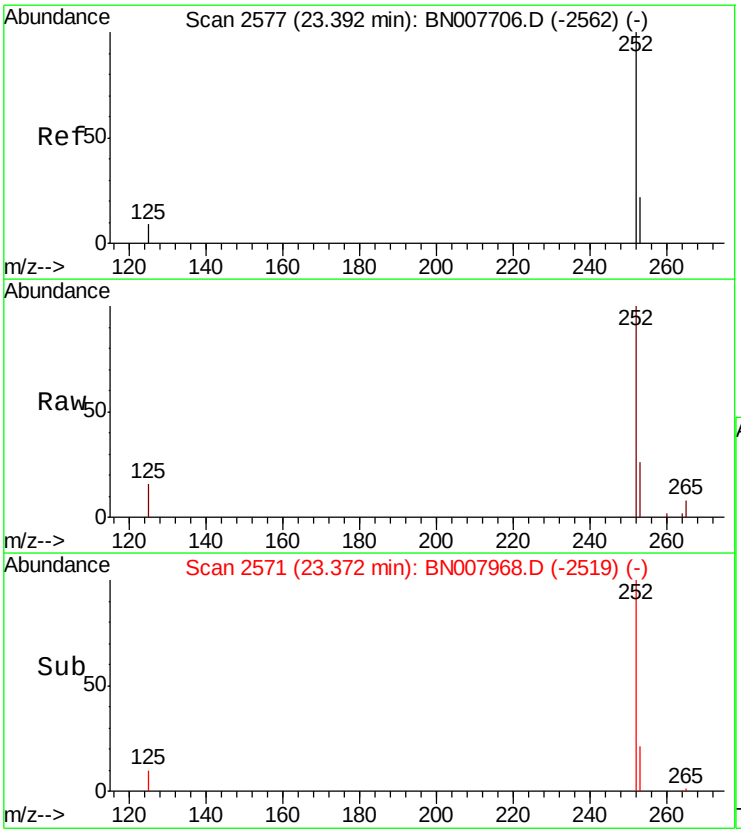
#36
Benzo(k)fluoranthene
Concen: 1.311 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.06 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 175367

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.5	27.7
125	14.1	8.4	12.6#

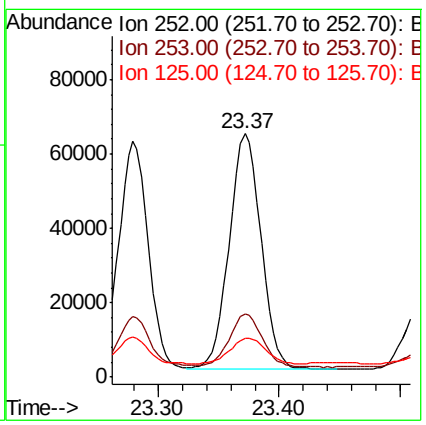


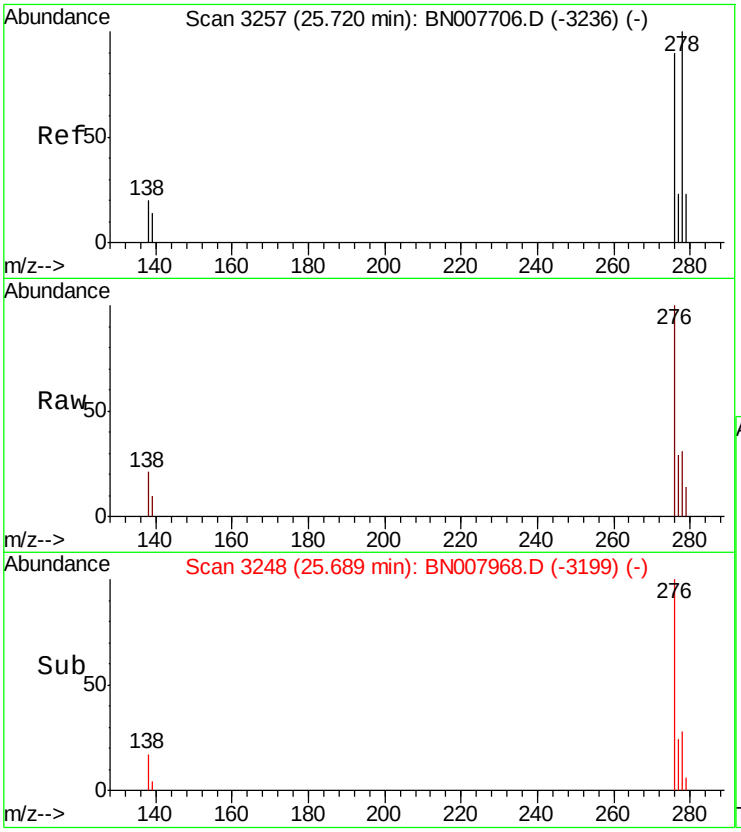


#37
Benzo(a)pyrene
Concen: 0.909 ng
RT: 23.37 min Scan# 2571
Delta R.T. -0.02 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion:252 Resp: 115545

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.6	27.8
125	15.8	9.4	14.0#



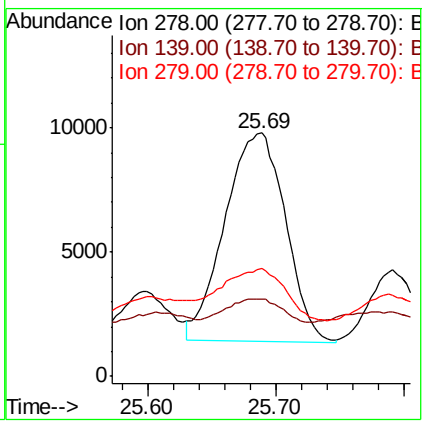


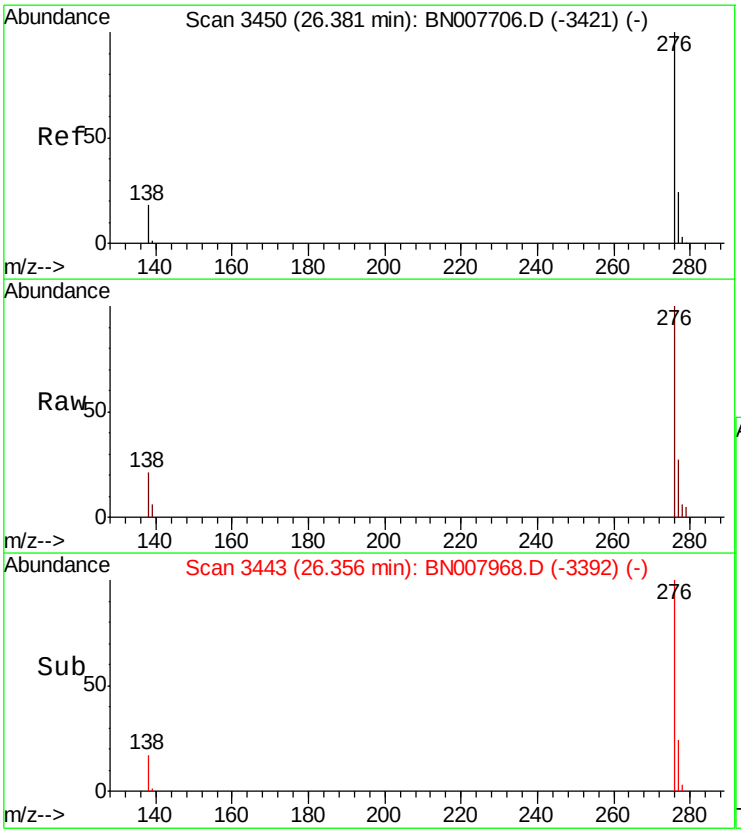
#38
Dibenzo(a,h)anthracene
Concen: 0.211 ng
RT: 25.69 min Scan# 3248
Delta R.T. -0.03 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 27459

Ion	Ratio	Lower	Upper
278	100		
139	31.7	11.8	17.6#
279	44.4	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.858 ng
RT: 26.36 min Scan# 3443
Delta R.T. -0.02 min
Lab File: BN007968.D
Acq: 02 Oct 2019 16:42

Tgt Ion:276 Resp: 110492

Ion	Ratio	Lower	Upper
276	100		
277	27.4	19.8	29.8
138	20.8	15.1	22.7