Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
Data File : BN007981.D
Acq On : 03 Oct 2019 00:29
Operator : JU
Sample : PB123477BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 03 06:49:20 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	5595	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	23198	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	14618	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	31232	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	33312	0.40	ng		-0.02
34) Perylene-d12	23.46	264	35359	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	5547	0.29	ng		0.00
5) Phenol-d6	6.87	99	8056	0.33	ng		0.00
8) Nitrobenzene-d5	8.82	82	6648	0.33	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	14199	0.36	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	2990	0.38	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	18900	0.31	ng		-0.01
25) Fluoranthene-d10	19.09	212	44244	0.42	ng		-0.01
29) Terphenyl-d14	19.69	244	40080	0.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1165	0.187	ng	#	58
3) n-Nitrosodimethylamine	2.99	42	5196	1.819	ng	#	82
6) bis(2-Chloroethyl)ether	7.12	93	4586	0.289	ng		92
9) Naphthalene	10.51	128	16383	0.252	ng		99
10) Hexachlorobutadiene	10.80	225	3187	0.232	ng	#	100
12) 2-Methylnaphthalene	12.12	142	11751	0.267	ng		99
16) Acenaphthylene	14.02	152	19687	0.254	ng		97
17) Acenaphthene	14.37	154	11679	0.234	ng		97
18) Fluorene	15.36	166	16424	0.256	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	5610	0.296	ng	#	87
21) Hexachlorobenzene	16.37	284	5894	0.284	ng		98
22) Pentachlorophenol	16.72	266	3860	0.505	ng		99
23) Phenanthrene	17.09	178	30886	0.317	ng		100
24) Anthracene	17.19	178	28420	0.323	ng		100
26) Fluoranthene	19.12	202	40845	0.338	ng		100
28) Pyrene	19.49	202	41010	0.361	ng		99
30) Benzo(a)anthracene	21.24	228	39807	0.324	ng		98
31) Chrysene	21.29	228	40055	0.335	ng		98
32) Bis(2-ethylhexyl)phthalate	21.17	149	28016	0.444	ng		99
33) Indeno(1,2,3-cd)pyrene	25.67	276	44437	0.297	ng		100
35) Benzo(b)fluoranthene	22.80	252	41474	0.338	ng	#	95
36) Benzo(k)fluoranthene	22.85	252	38565	0.318	ng	#	95
37) Benzo(a)pyrene	23.37	252	38177	0.331	ng	#	92
38) Dibenzo(a,h)anthracene	25.69	278	36107	0.306	ng		96
39) Benzo(g,h,i)perylene	26.34	276	37640	0.322	ng		98

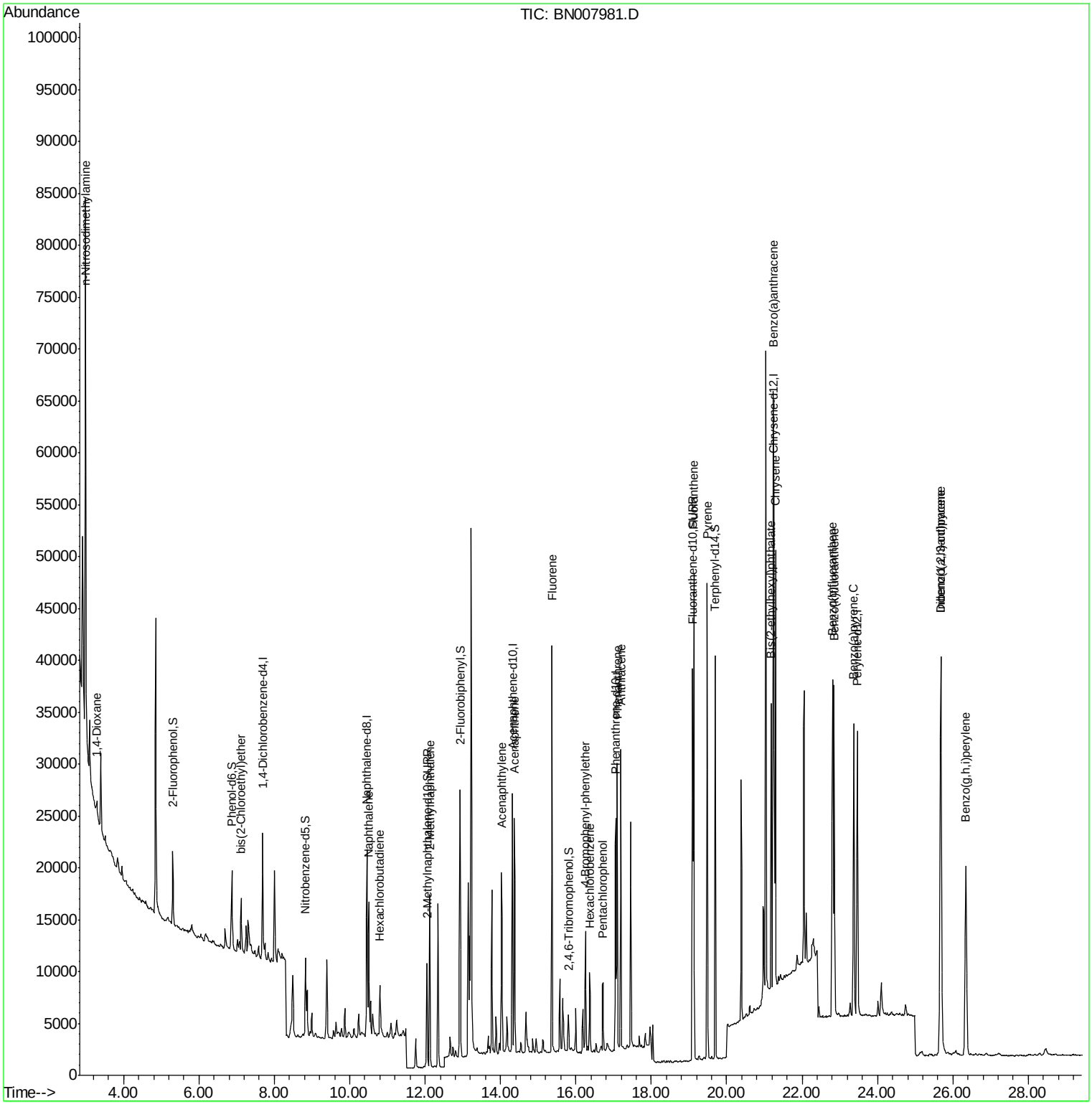
(#) = qualifier out of range (m) = manual integration (+) = signals summed

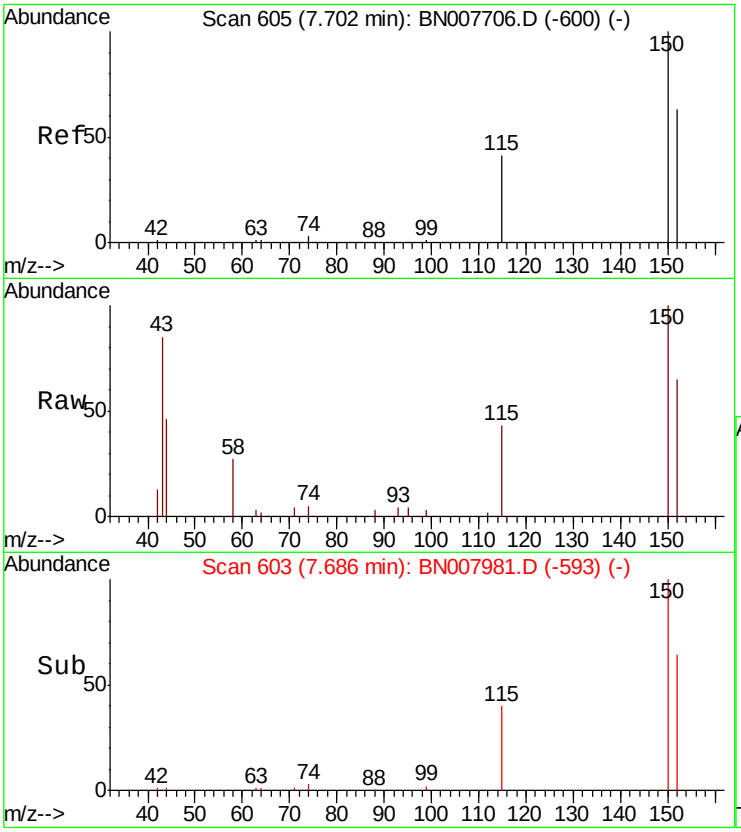
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
Data File : BN007981.D
Acq On : 03 Oct 2019 00:29
Operator : JU
Sample : PB123477BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 03 06:49:20 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



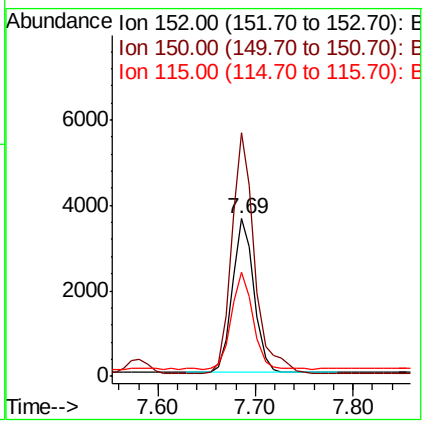


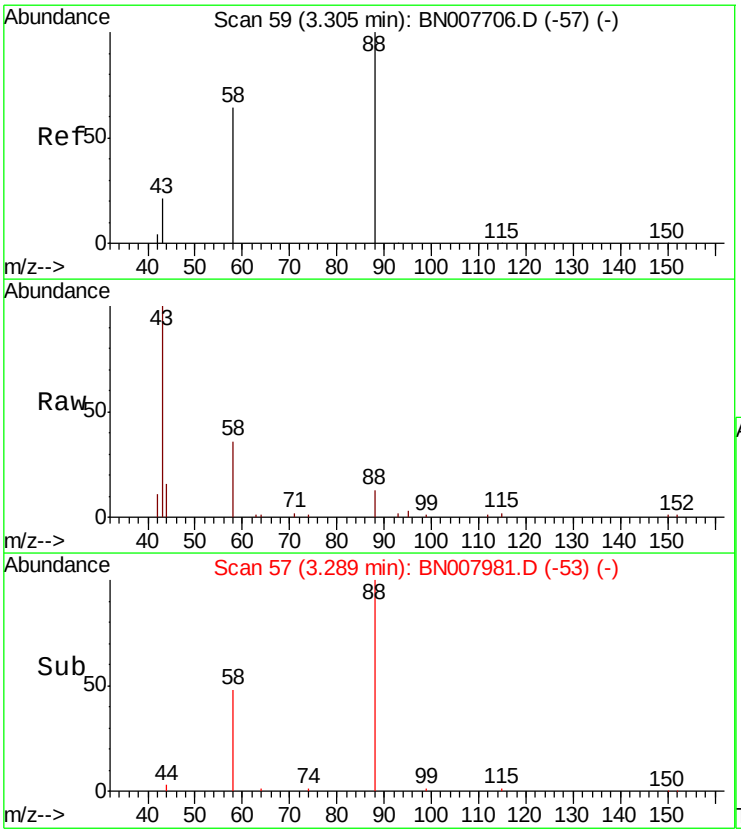
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5595

Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.6	188.4
115	65.9	53.3	79.9

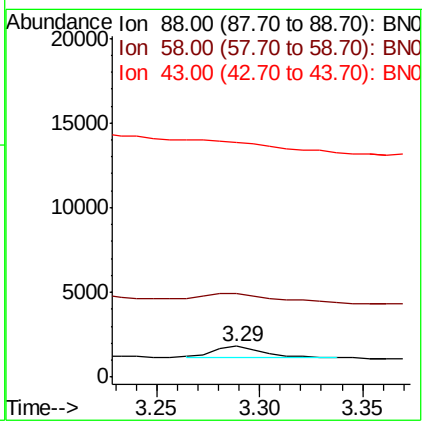


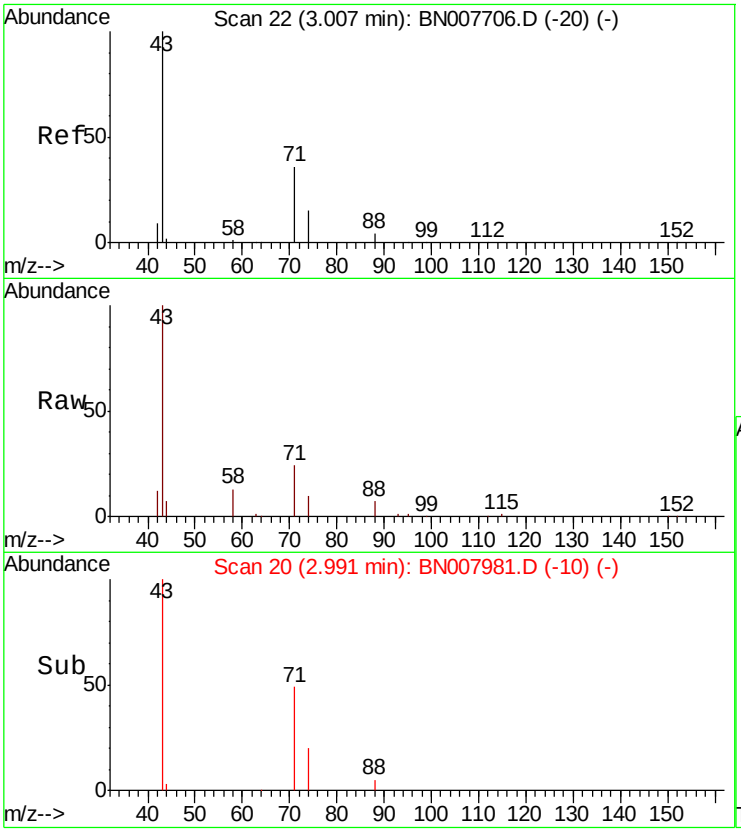


#2
1,4-Dioxane
Concen: 0.187 ng
RT: 3.29 min Scan# 57
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion: 88 Resp: 1165

Ion	Ratio	Lower	Upper
88	100		
58	87.0	44.6	66.8#
43	0.0	14.4	21.6#



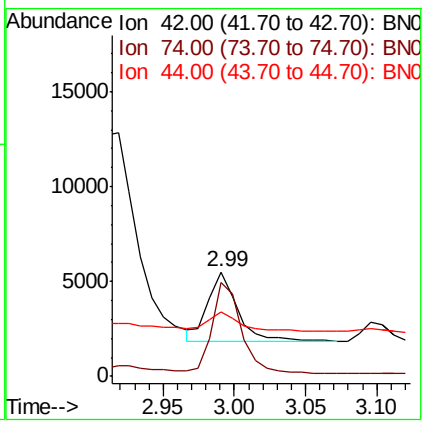


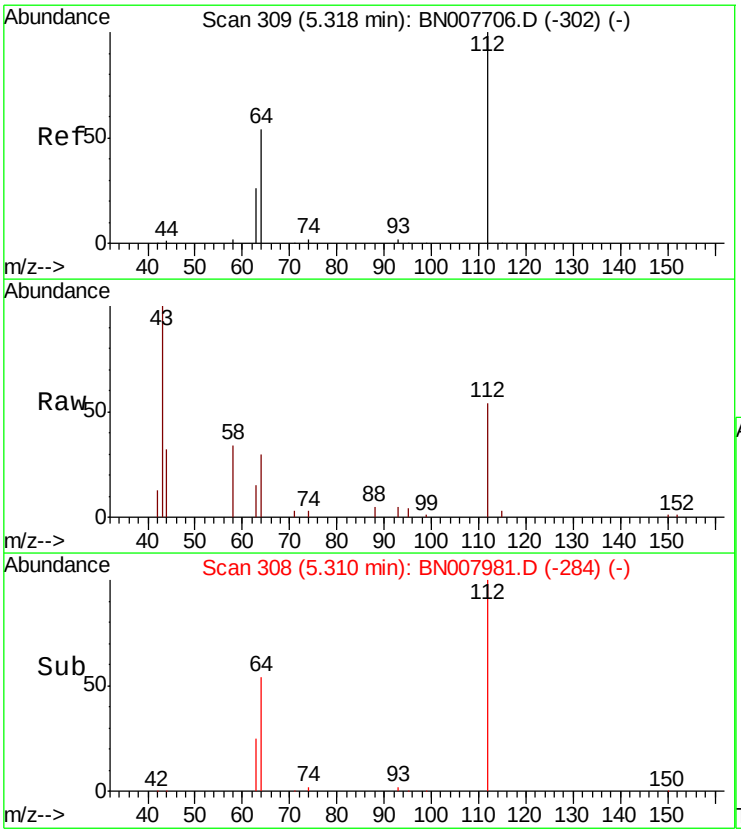
#3
n-Nitrosodimethylamine
Concen: 1.819 ng
RT: 2.99 min Scan# 20
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 5196

Ion	Ratio	Lower	Upper
42	100		
74	130.2	87.9	131.9
44	29.0	29.4	44.0#

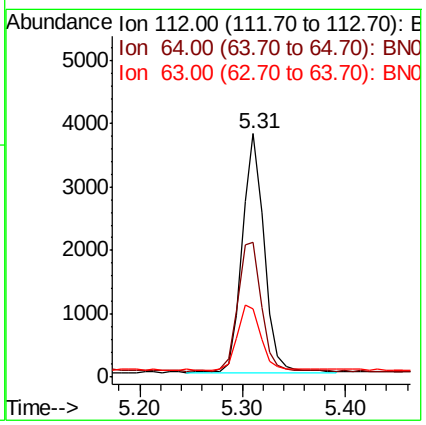


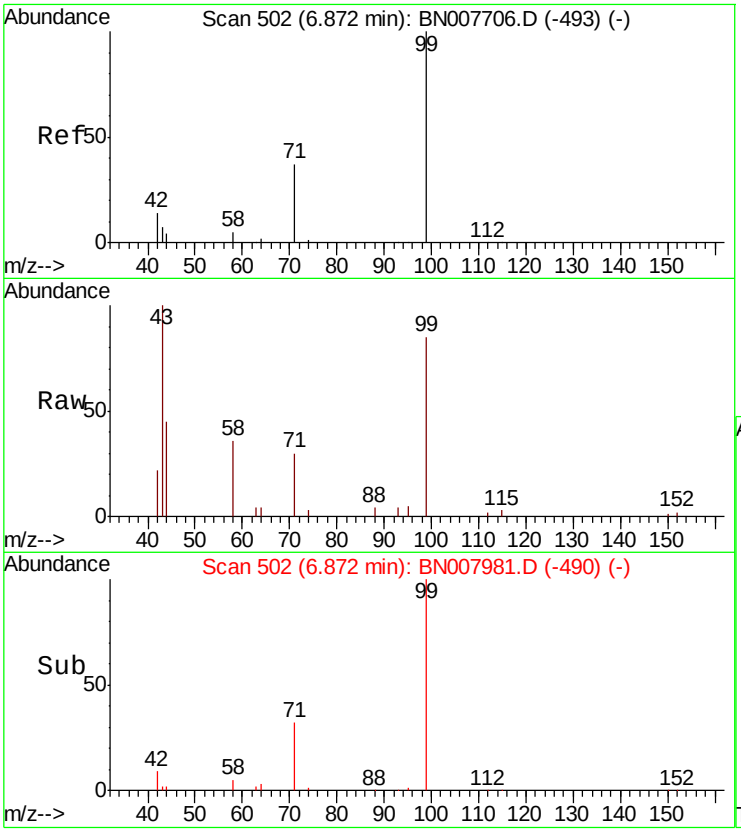


#4
2-Fluorophenol
Concen: 0.288 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:112 Resp: 5547

Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.6	70.0
63	29.0	23.1	34.7



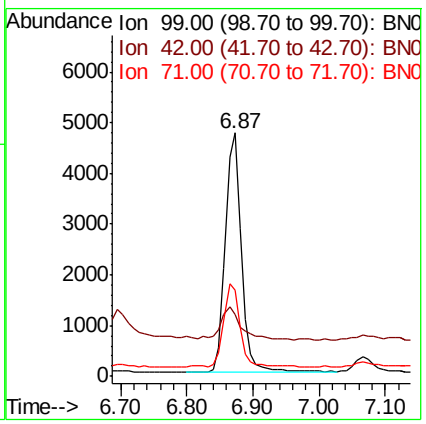


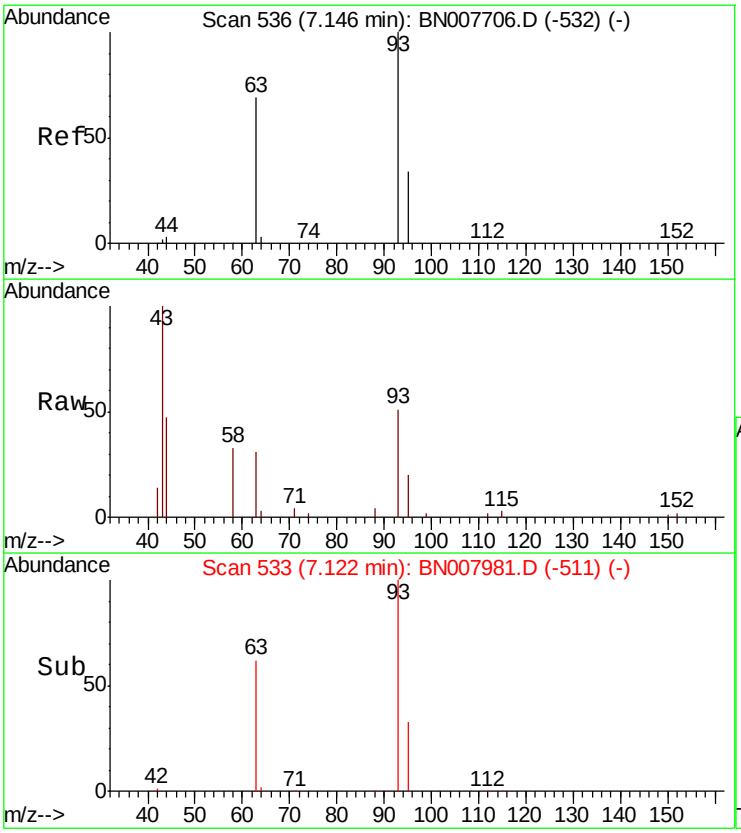
#5
Phenol-d6
Concen: 0.335 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 8056

Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.8	19.2
71	34.2	27.6	41.4

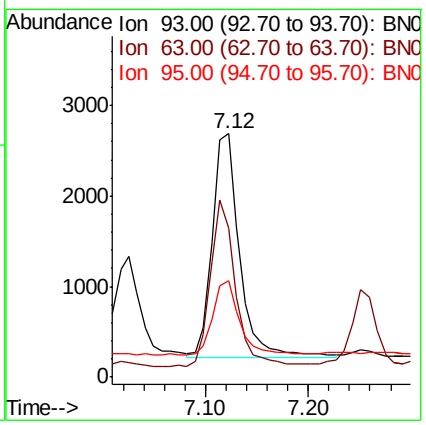


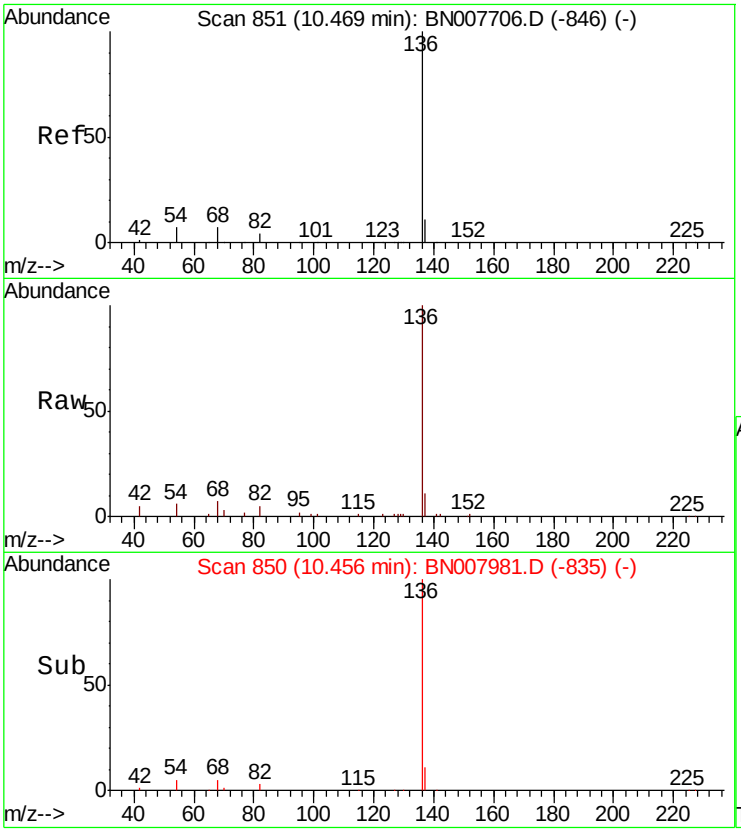


#6
bis(2-Chloroethyl)ether
Concen: 0.289 ng
RT: 7.12 min Scan# 533
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion: 93 Resp: 4586

Ion	Ratio	Lower	Upper
93	100		
63	68.0	59.3	88.9
95	33.0	31.4	47.0



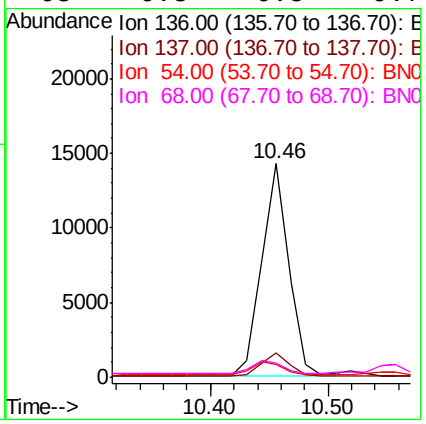


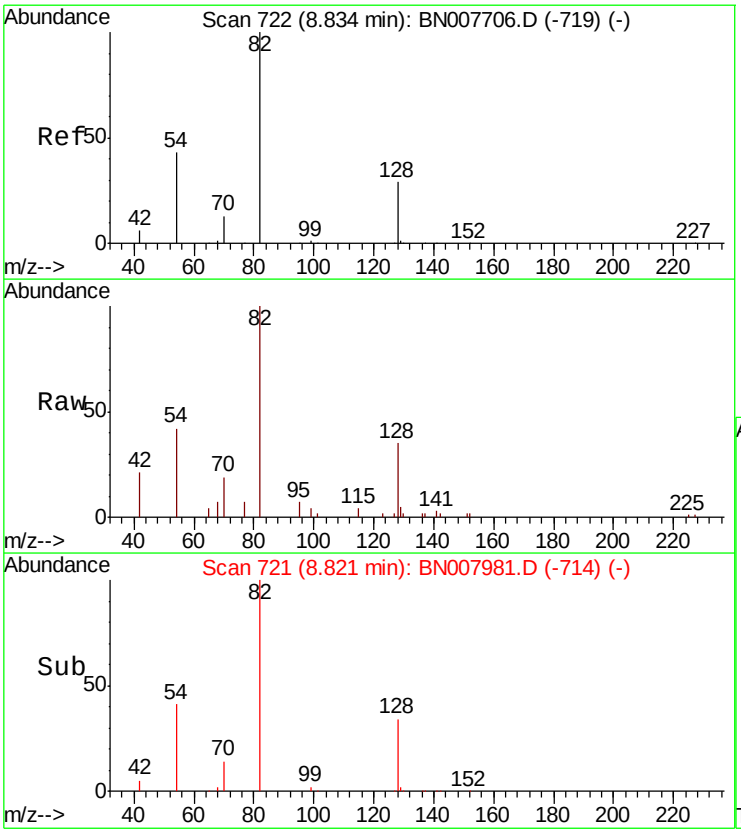
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 23198

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	5.9	5.8	8.8
68	6.8	6.5	9.7

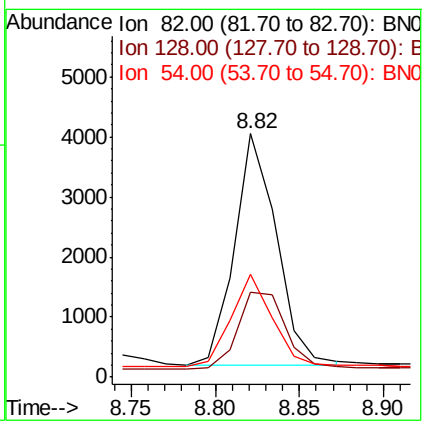


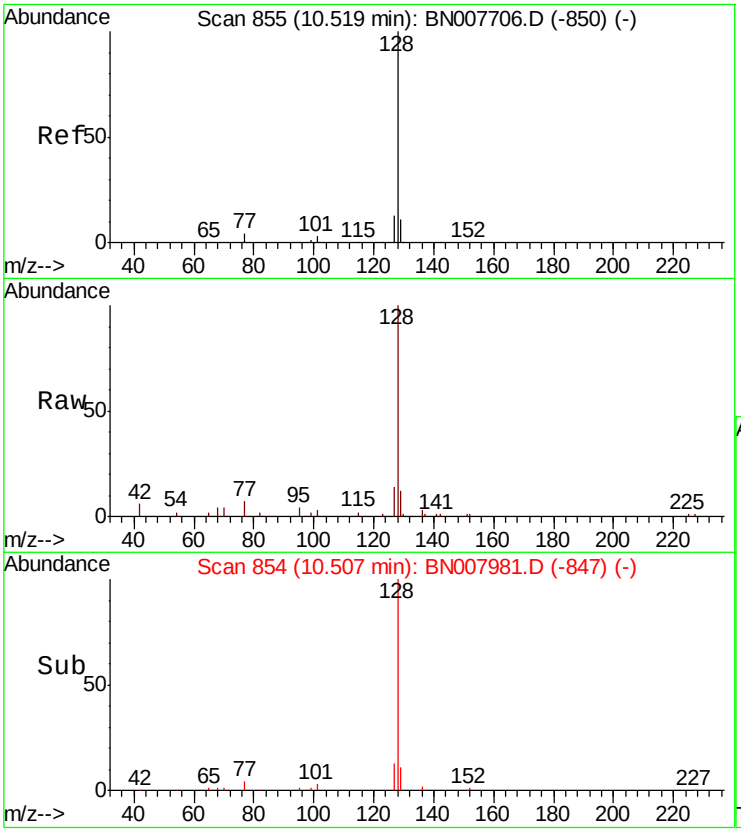


#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion: 82 Resp: 6648

Ion	Ratio	Lower	Upper
82	100		
128	35.0	24.5	36.7
54	42.0	35.2	52.8



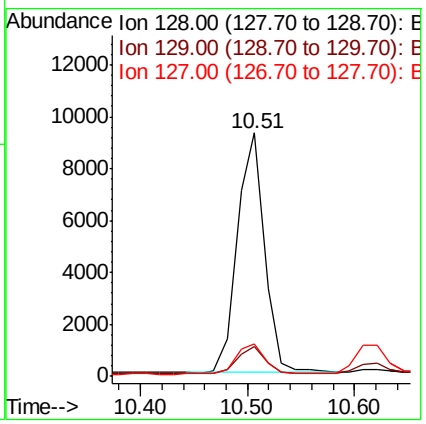


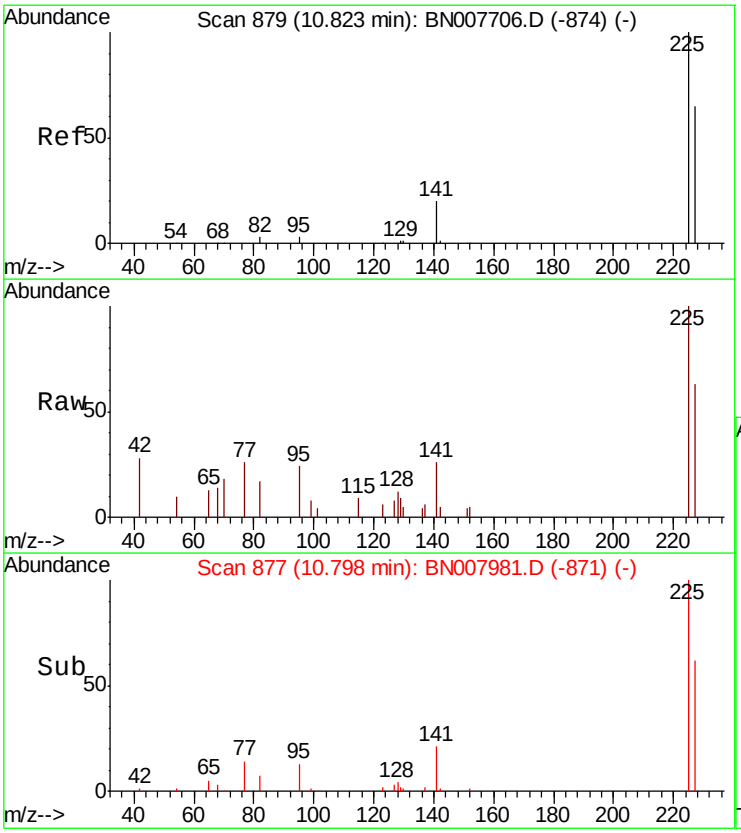
#9
Naphthalene
Concen: 0.252 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 16383

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.1	13.7
127	13.6	10.6	15.8

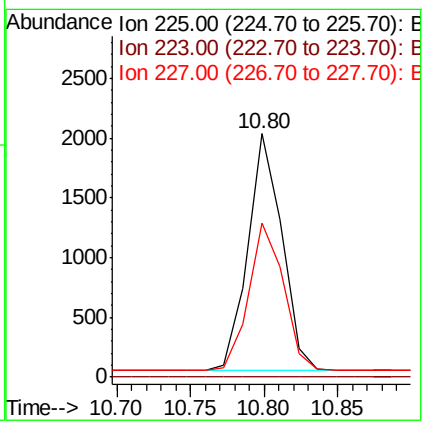


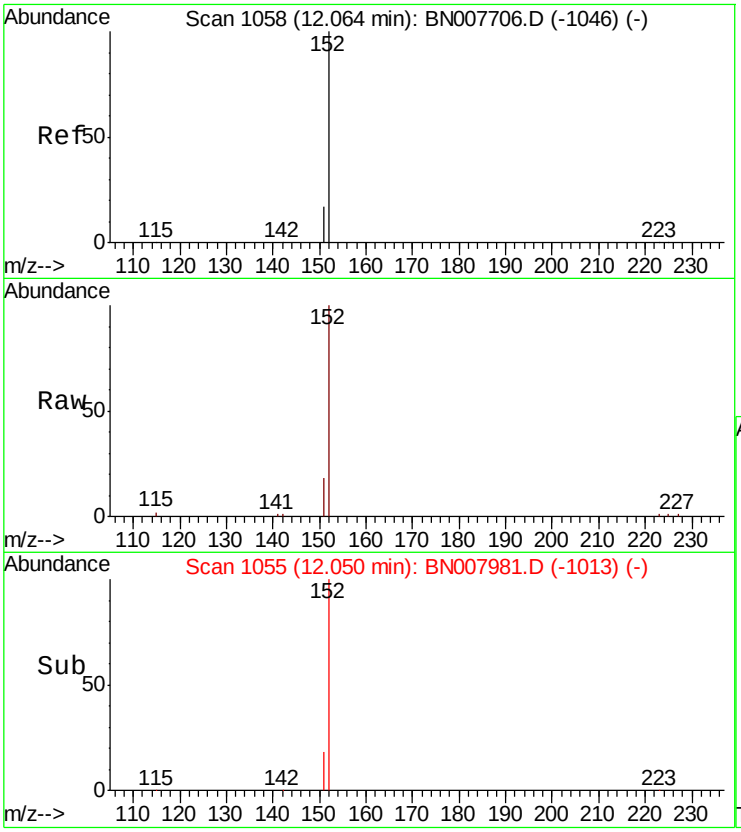


#10
Hexachlorobutadiene
Concen: 0.232 ng
RT: 10.80 min Scan# 877
Delta R.T. -0.03 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:225 Resp: 3187

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.2	76.8



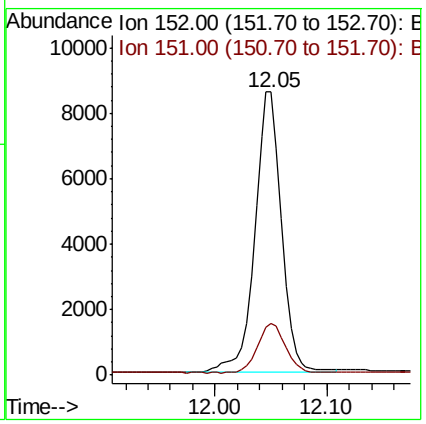


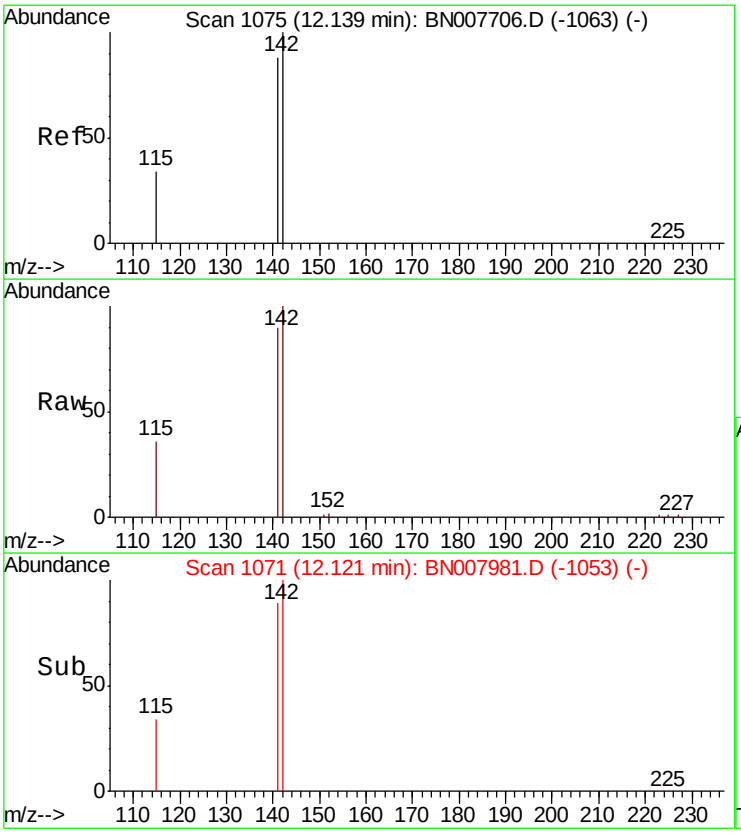
#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 14199

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.4	23.2

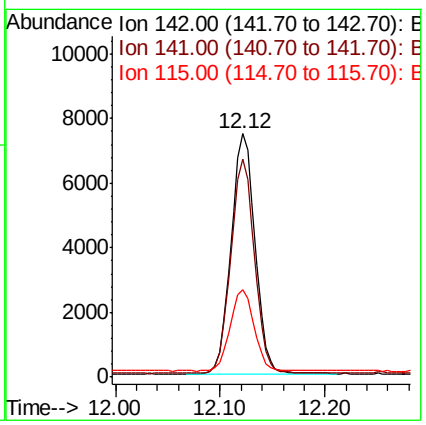


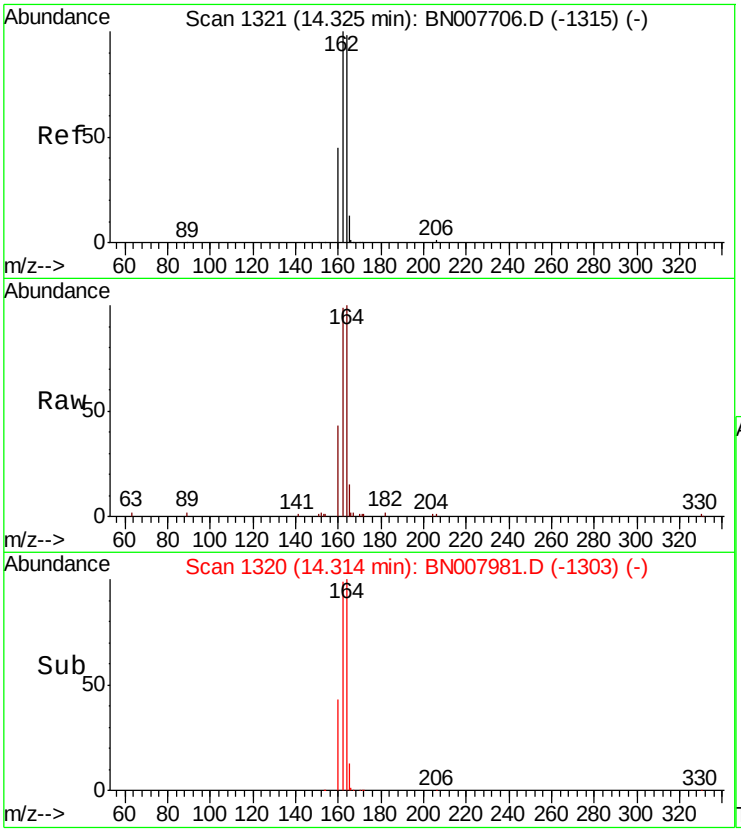


#12
2-Methylnaphthalene
Concen: 0.267 ng
RT: 12.12 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:142 Resp: 11751

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.6	106.0
115	36.2	28.3	42.5



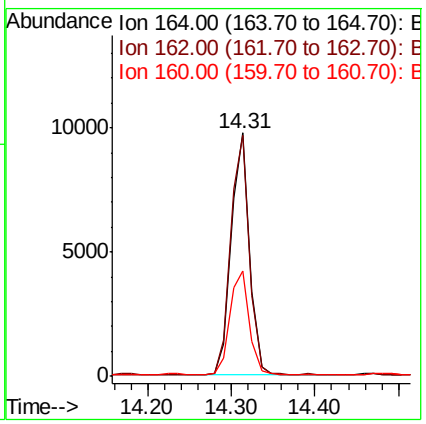


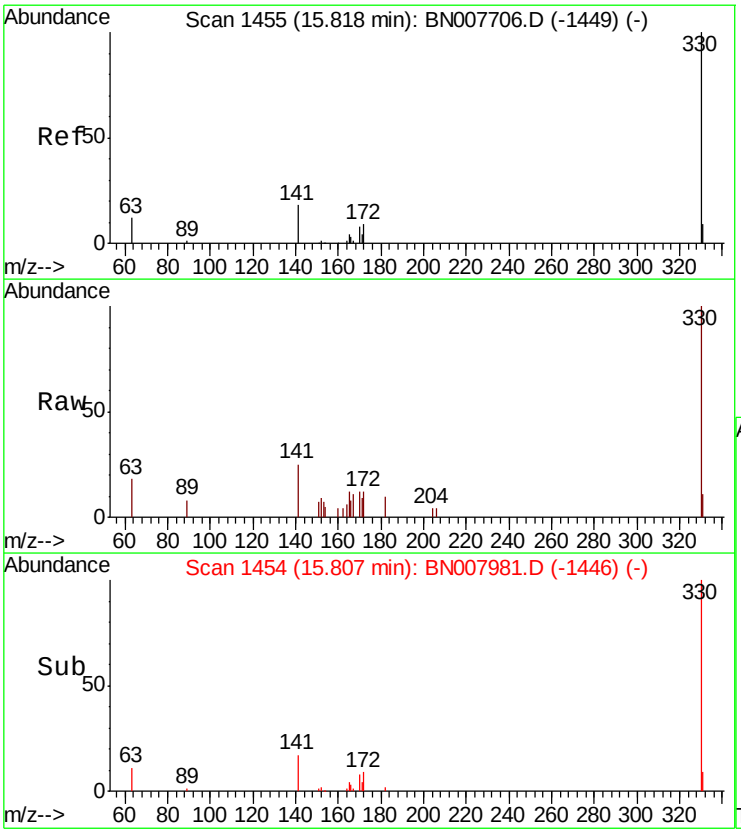
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 14618

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.7	122.5
160	43.3	37.0	55.4

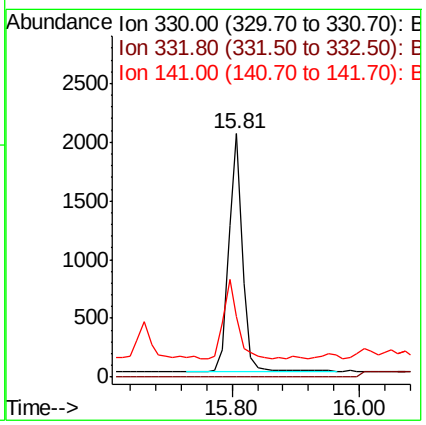


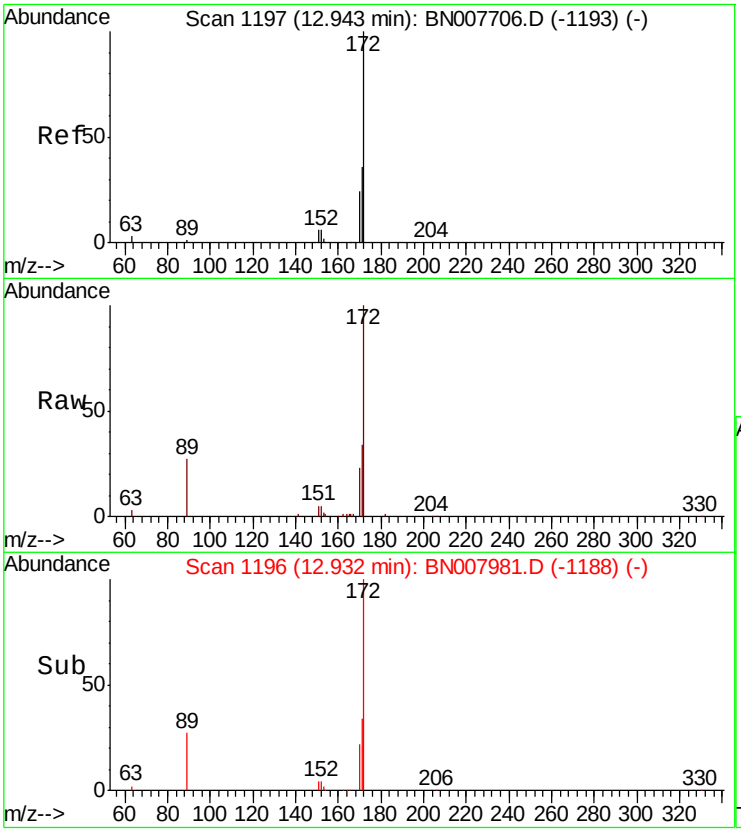


#14
2,4,6-Tribromophenol
Concen: 0.376 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:330 Resp: 2990

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.6	28.7	43.1



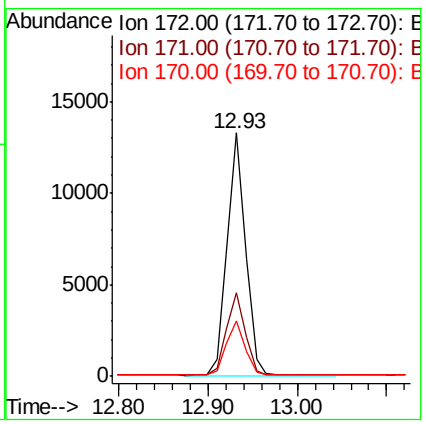


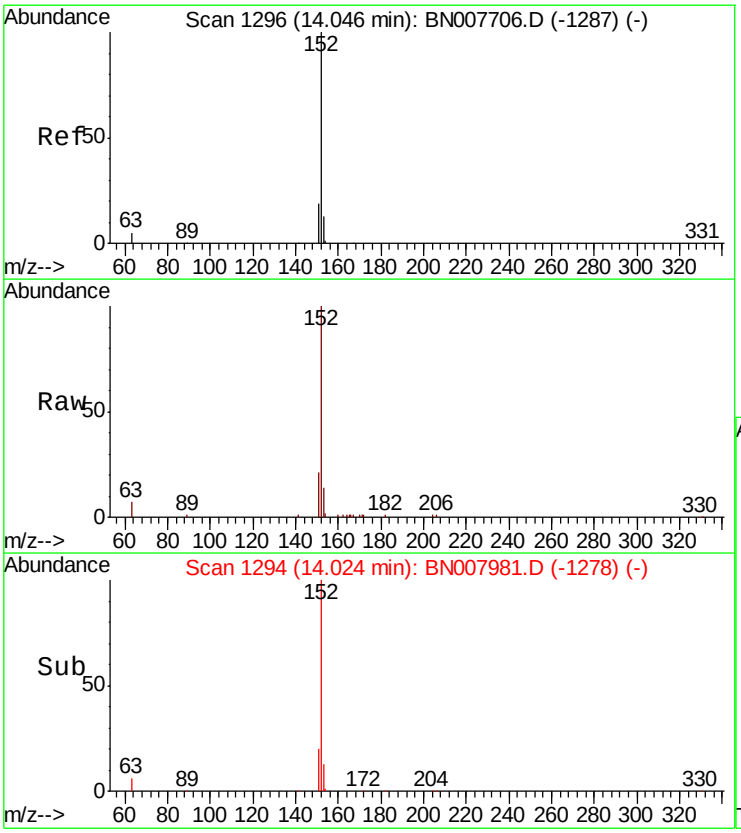
#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 18900

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.8	43.2
170	22.6	19.5	29.3

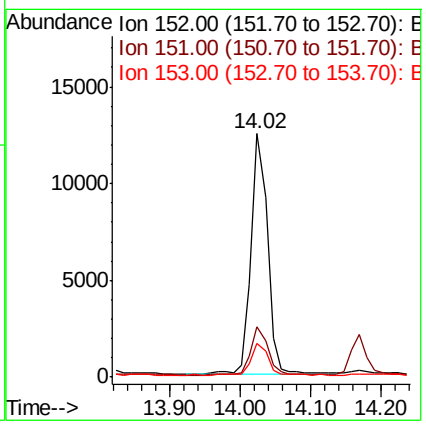


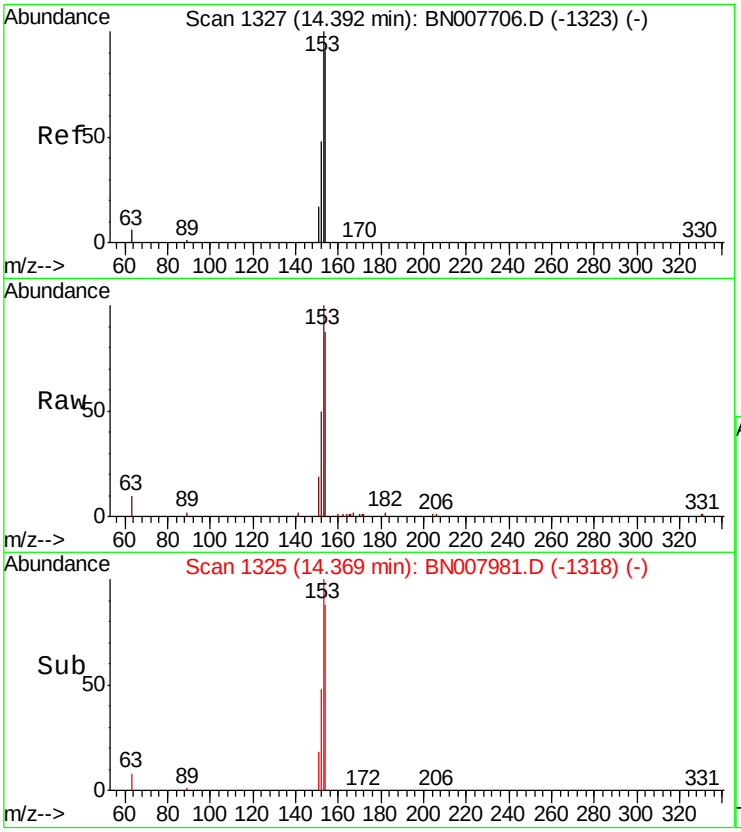


#16
Acenaphthylene
Concen: 0.254 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:152 Resp: 19687

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.5	23.3
153	13.6	10.4	15.6



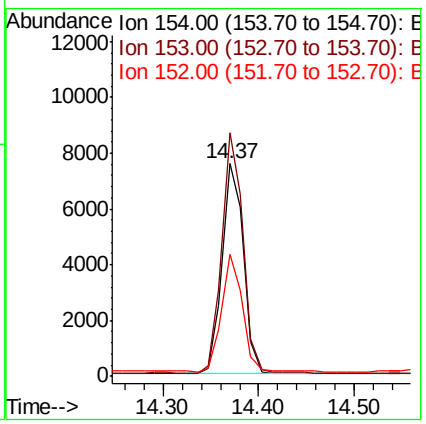


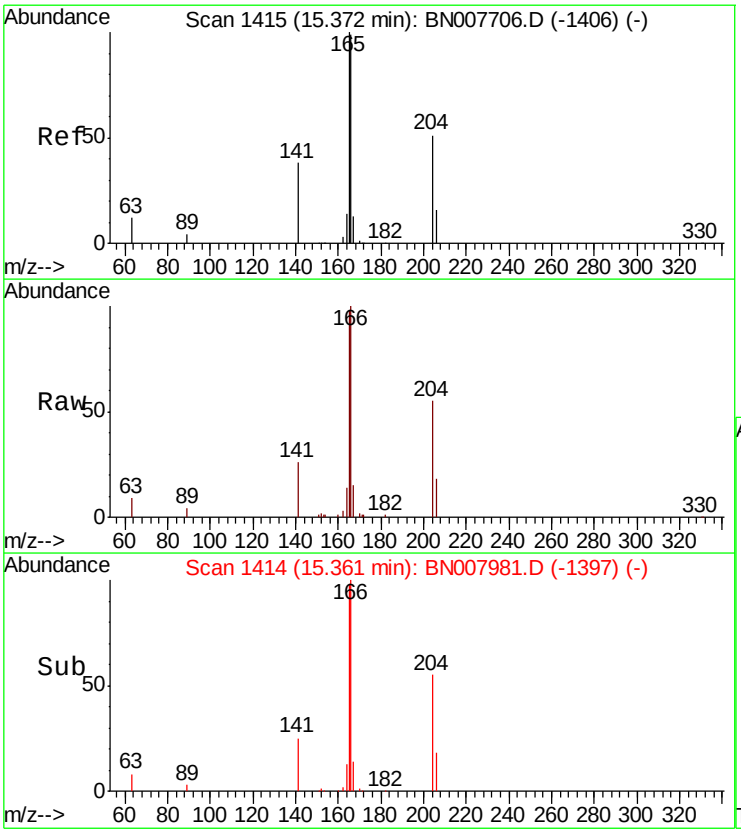
#17
Acenaphthene
Concen: 0.234 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 11679

Ion	Ratio	Lower	Upper
154	100		
153	112.7	87.0	130.4
152	53.1	42.7	64.1

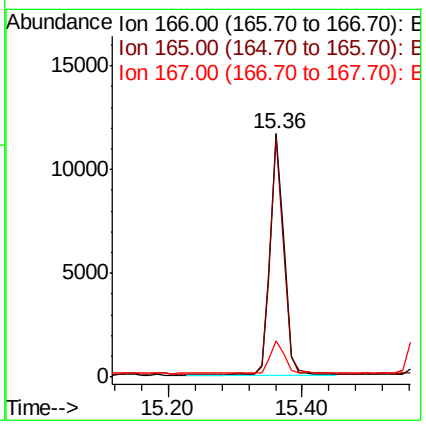


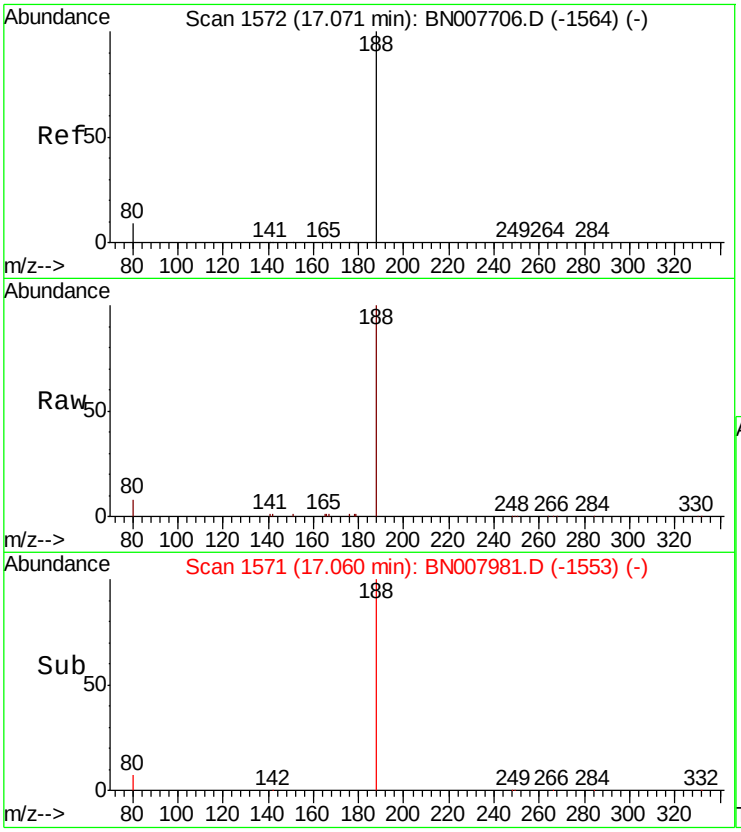


#18
Fluorene
Concen: 0.256 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:166 Resp: 16424

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.0	117.0
167	14.2	10.9	16.3



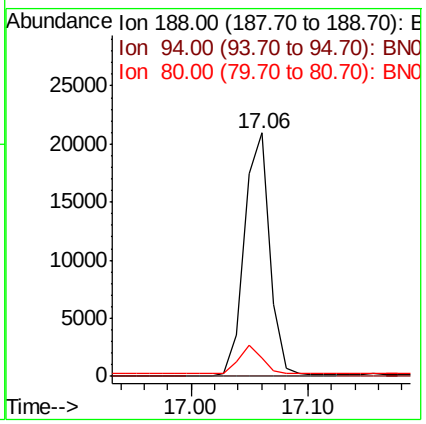


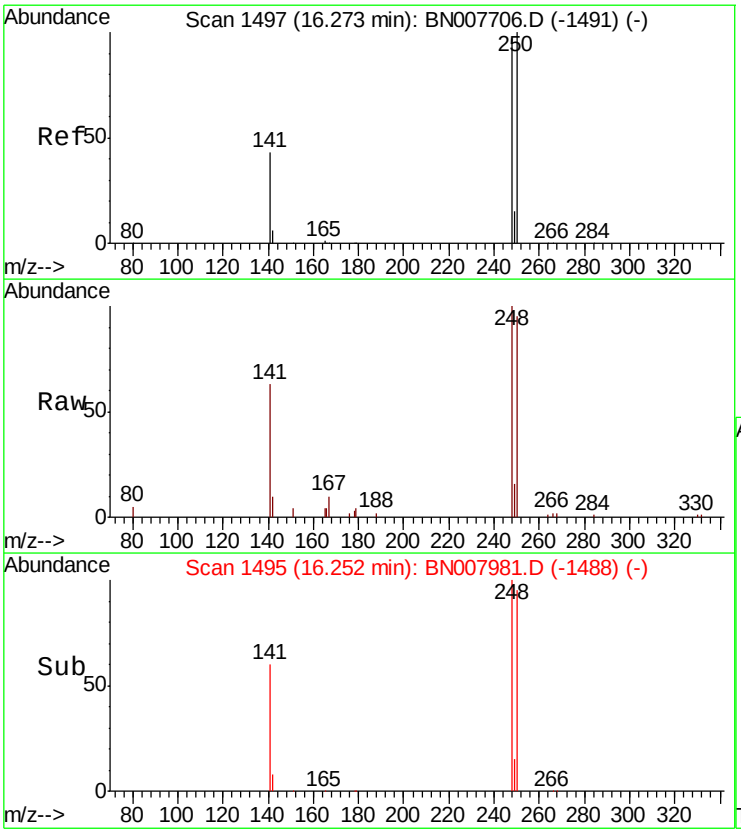
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 31232

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	7.4	11.2

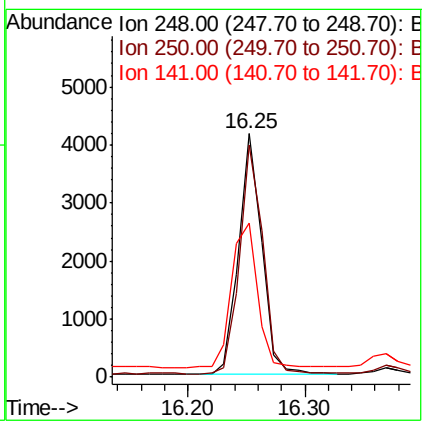


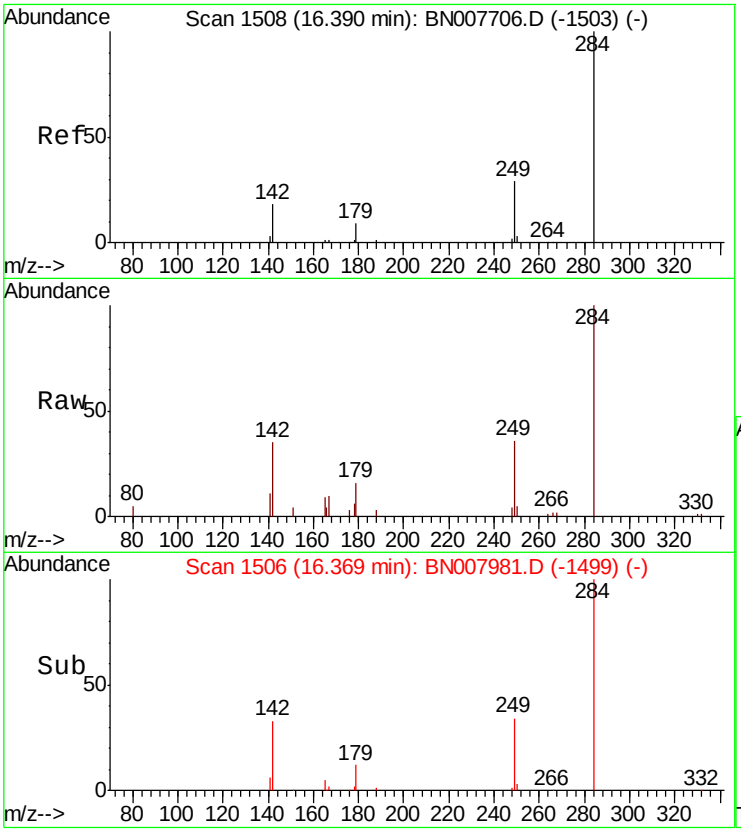


#20
4-Bromophenyl-phenylether
Concen: 0.296 ng
RT: 16.25 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:248 Resp: 5610

Ion	Ratio	Lower	Upper
248	100		
250	95.3	82.2	123.4
141	63.2	36.3	54.5#



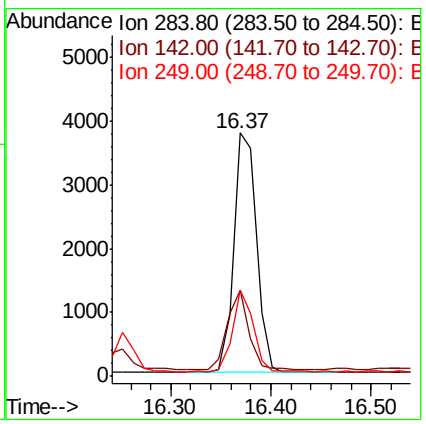


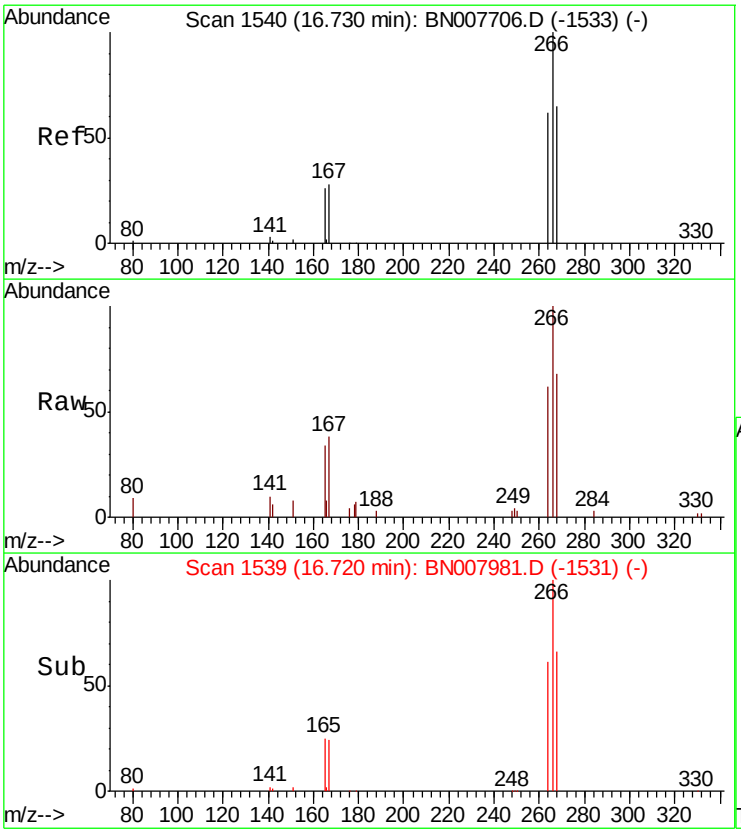
#21
Hexachlorobenzene
Concen: 0.284 ng
RT: 16.37 min Scan# 1506
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 5894

Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.8	38.6
249	31.5	25.9	38.9

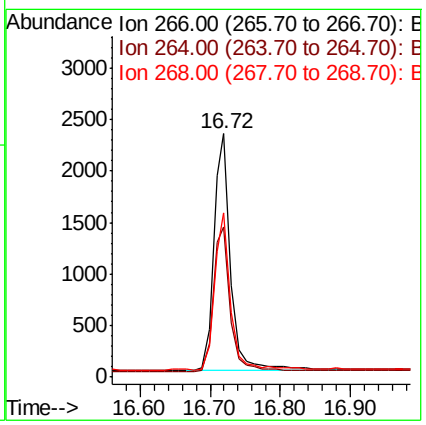


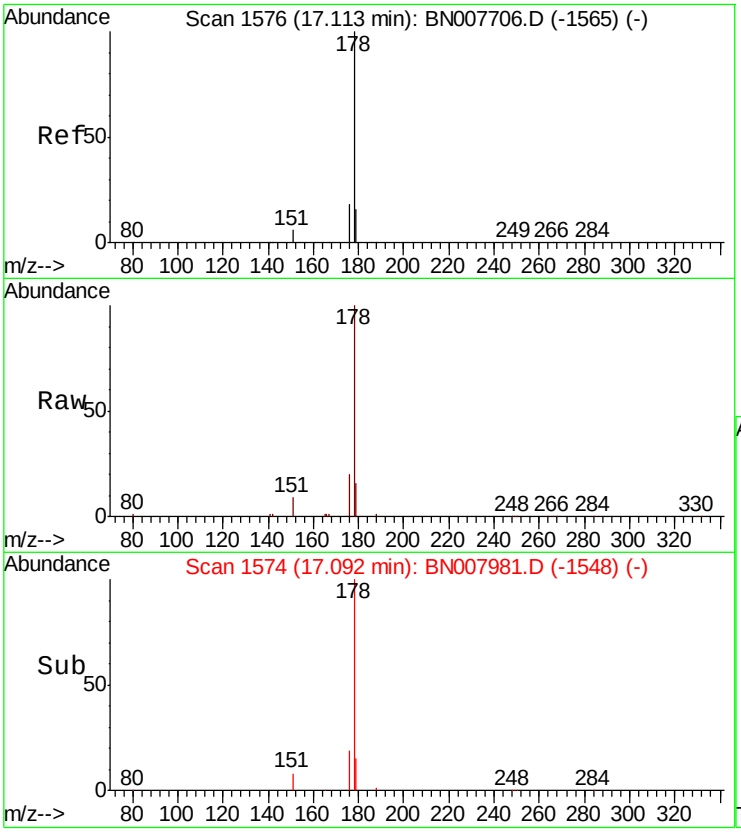


#22
Pentachlorophenol
Concen: 0.505 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:266 Resp: 3860

Ion	Ratio	Lower	Upper
266	100		
264	61.6	50.0	75.0
268	67.5	54.2	81.4



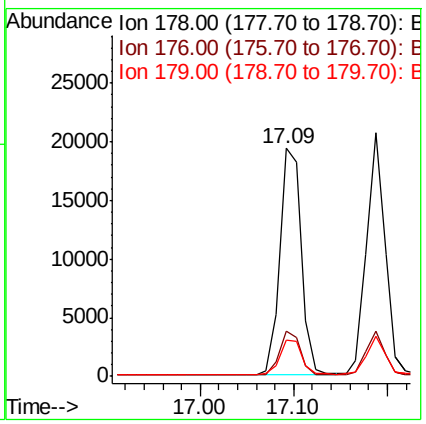


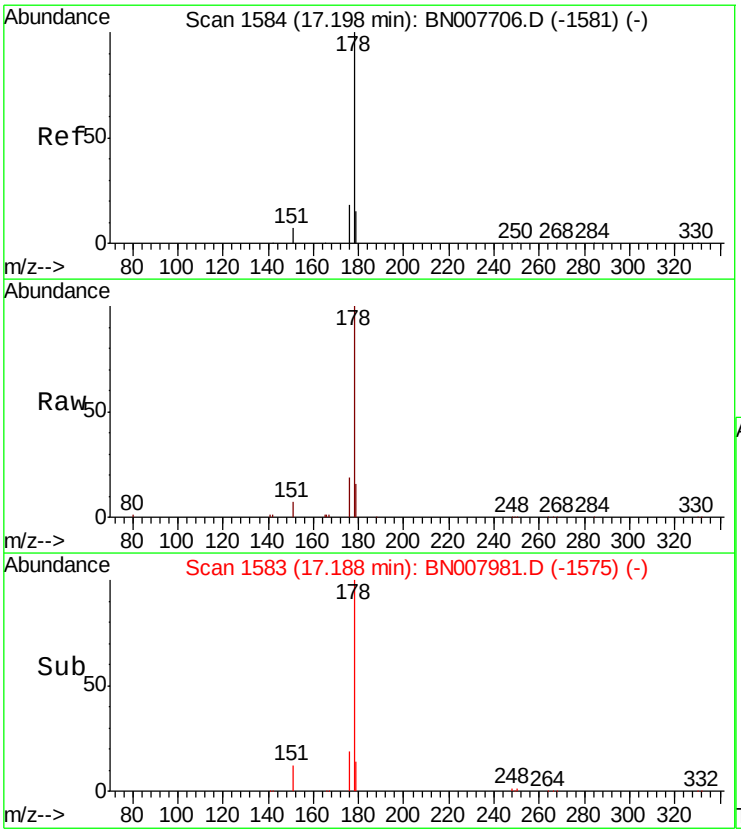
#23
Phenanthrene
Concen: 0.317 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 30886

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	16.0	12.5	18.7

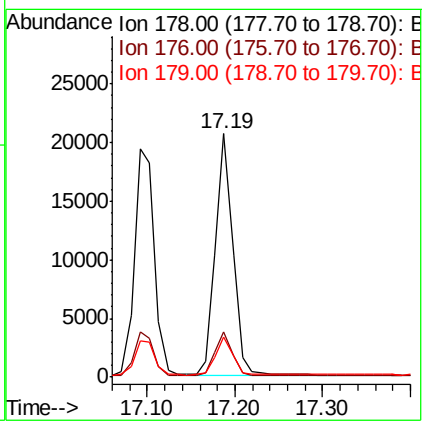


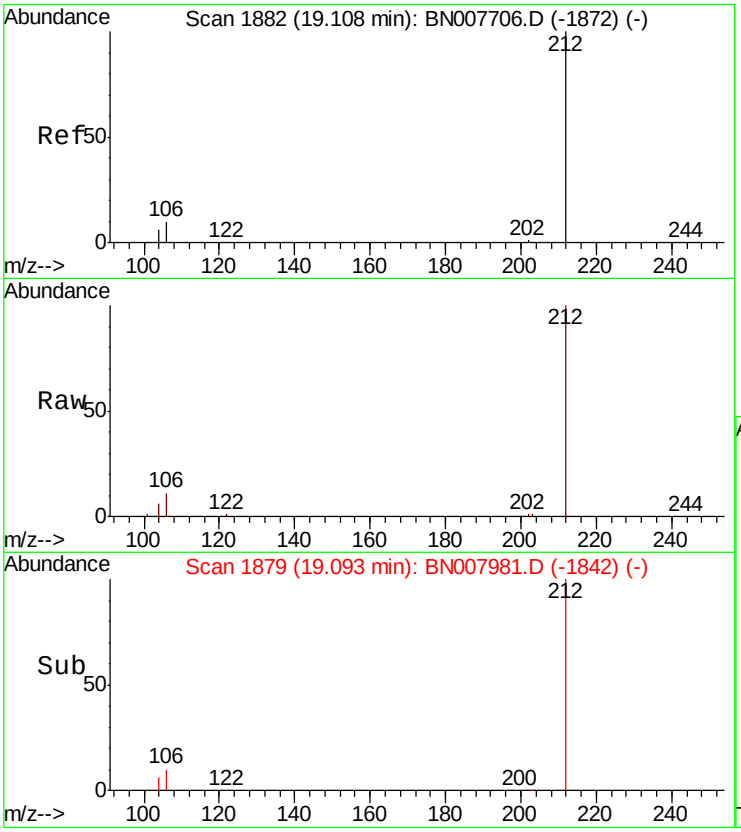


#24
Anthracene
Concen: 0.323 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:178 Resp: 28420

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.1	12.2	18.4



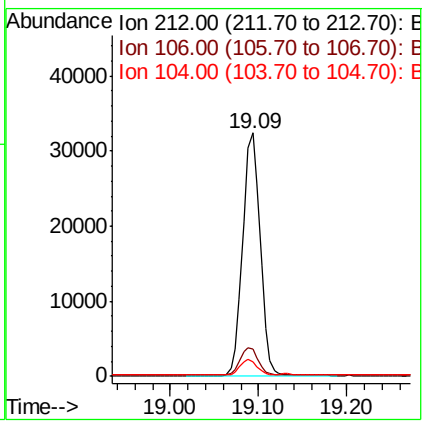


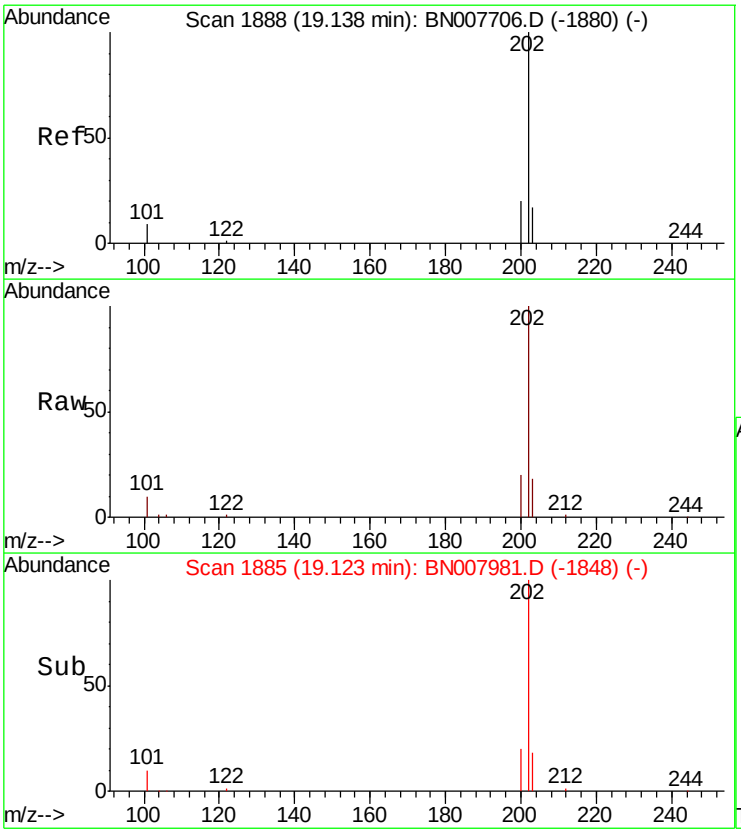
#25
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 44244

Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.4	14.0
104	6.4	5.3	7.9

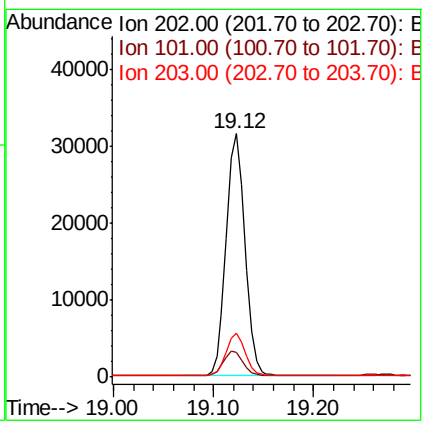


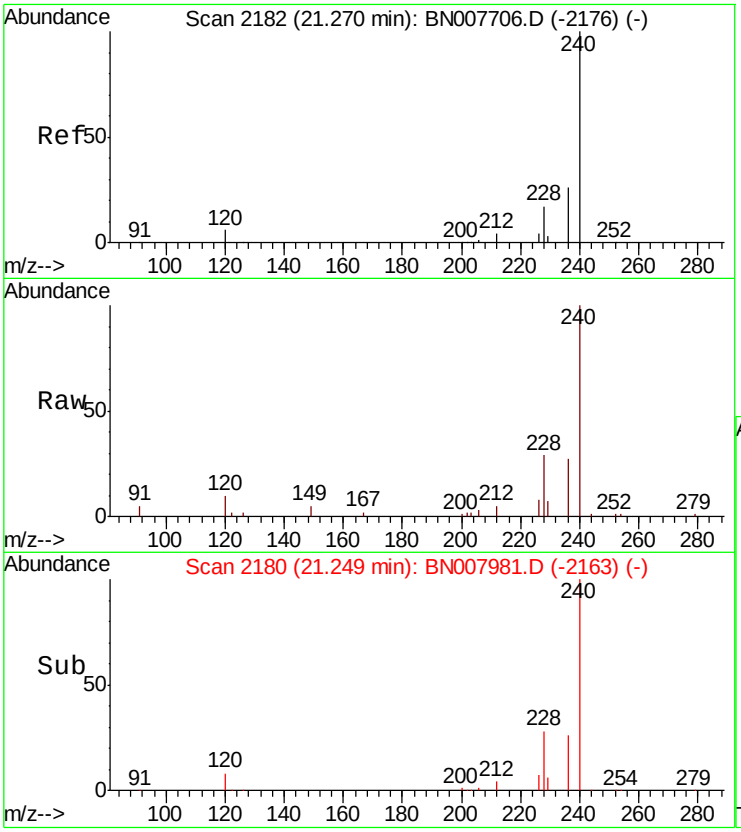


#26
Fluoranthene
Concen: 0.338 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:202 Resp: 40845

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.4	12.6
203	17.2	13.8	20.8



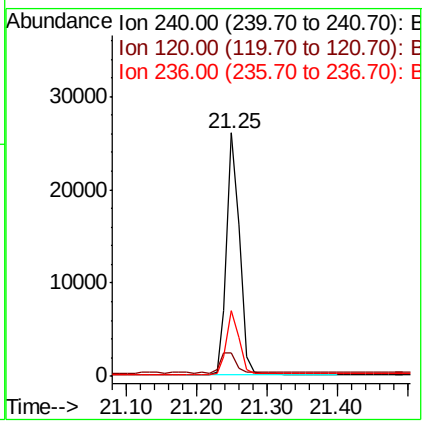


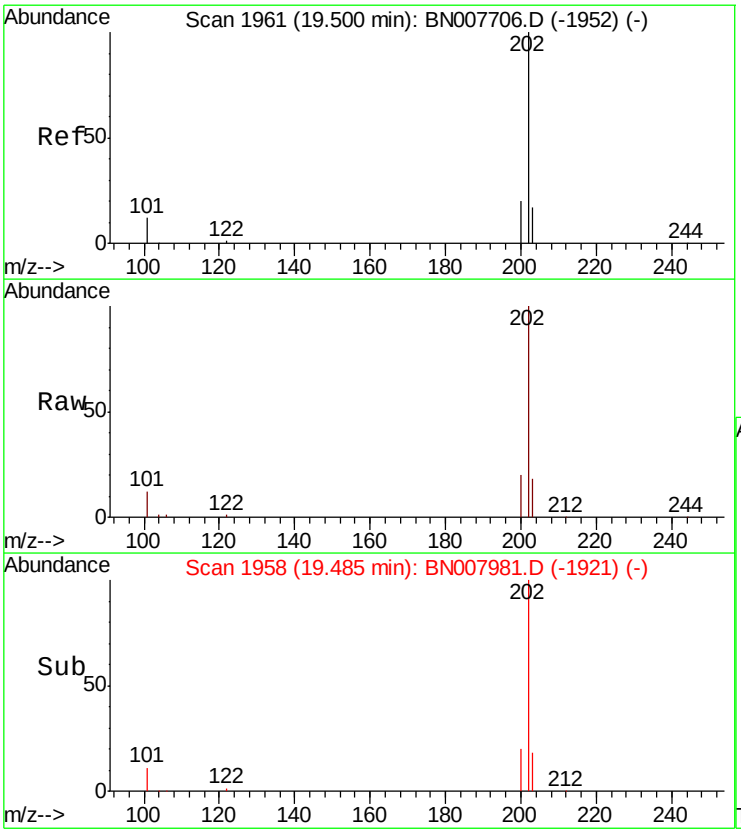
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 33312

Ion	Ratio	Lower	Upper
240	100		
120	9.8	5.4	8.2#
236	27.0	21.0	31.4

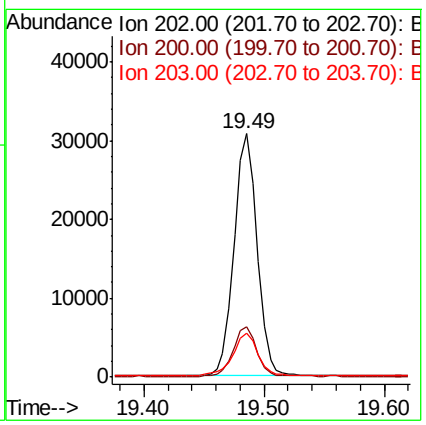


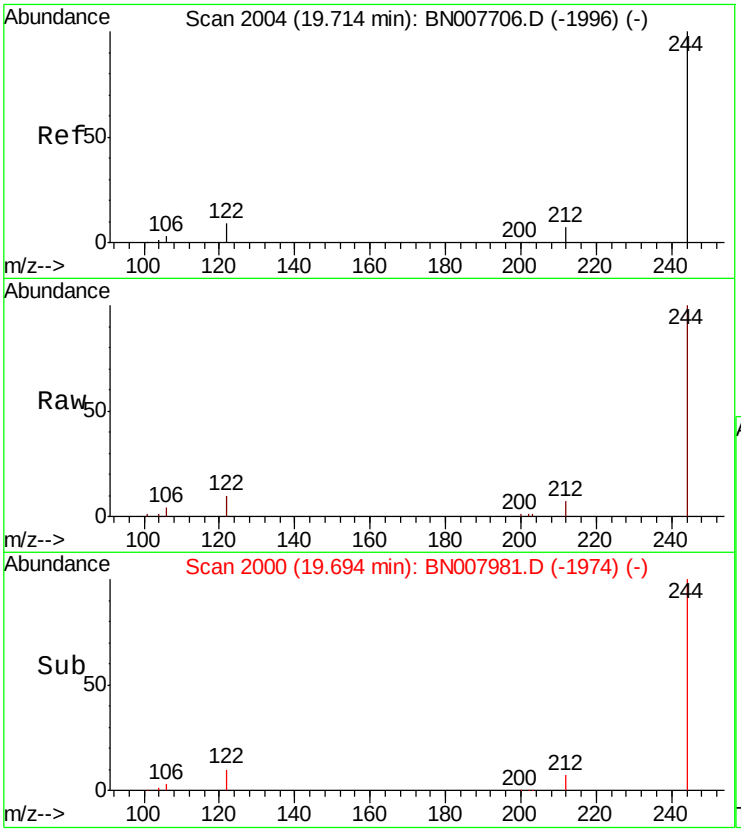


#28
Pyrene
Concen: 0.361 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:202 Resp: 41010

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	18.5	14.1	21.1



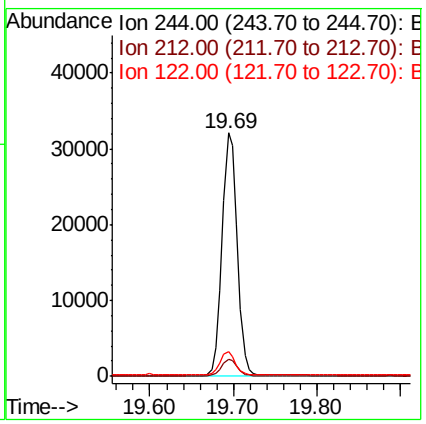


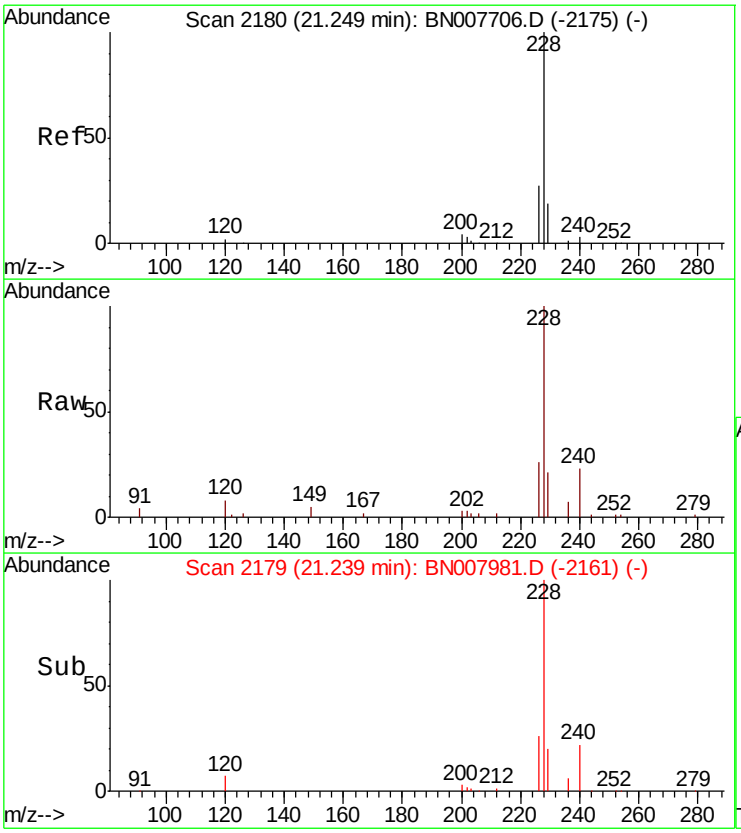
#29
Terphenyl-d14
Concen: 0.490 ng
RT: 19.69 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 40080

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.2	7.4	11.2

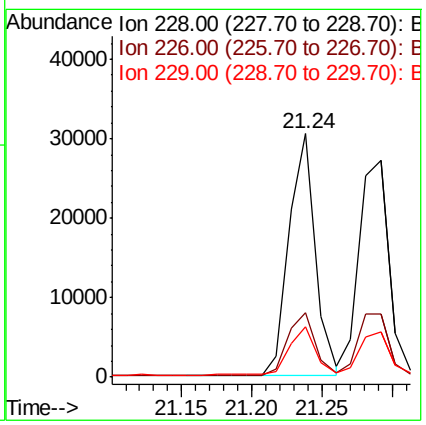


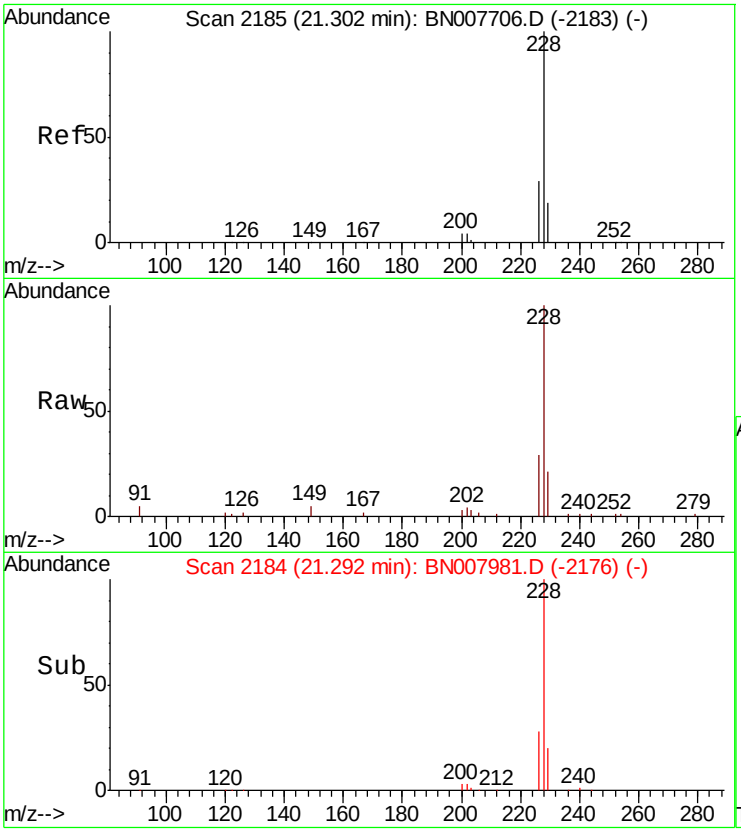


#30
Benzo(a)anthracene
Concen: 0.324 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:228 Resp: 39807

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.1	33.1
229	20.8	15.8	23.6



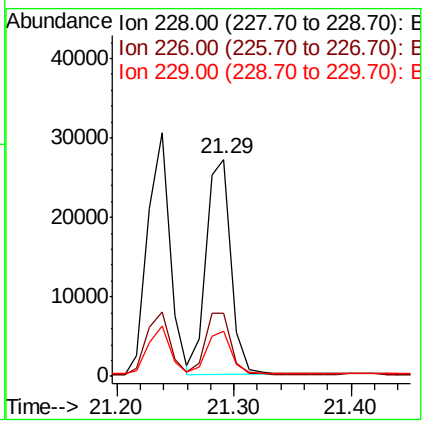


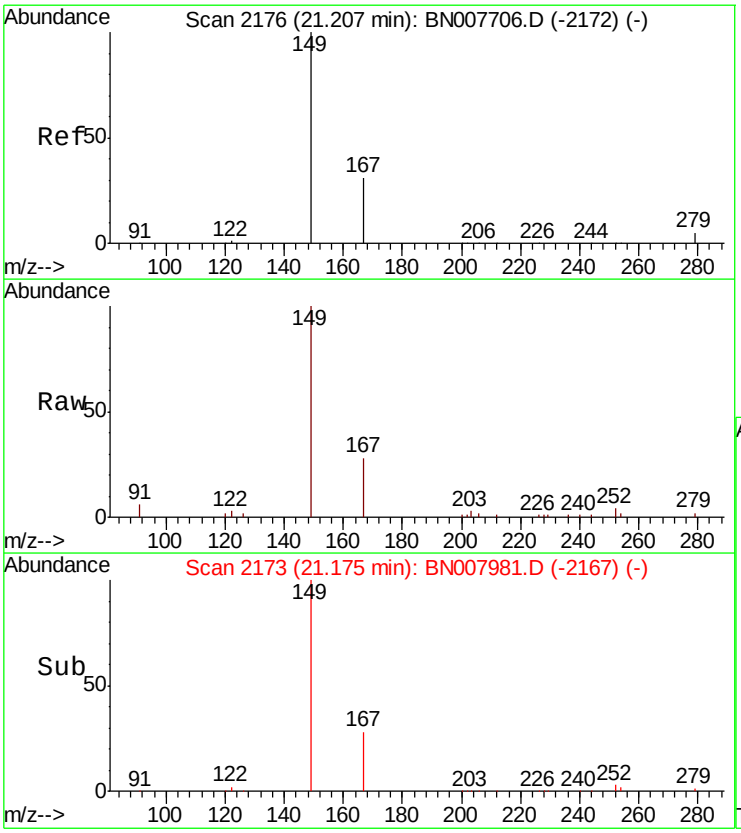
#31
Chrysene
Concen: 0.335 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 40055

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	21.1	15.8	23.6

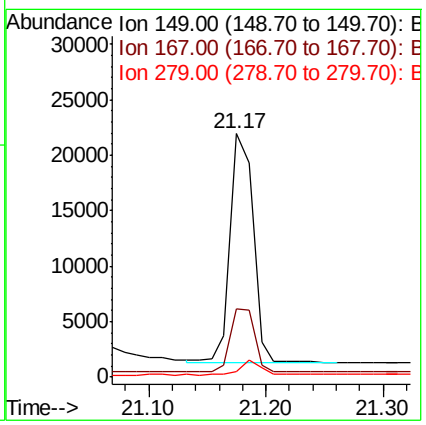


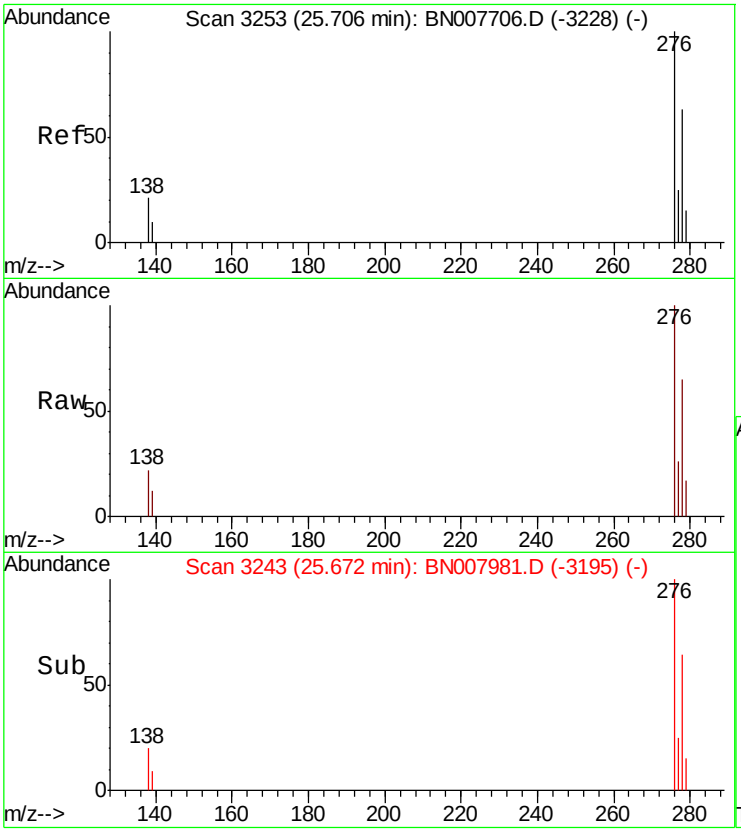


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.444 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:149 Resp: 28016

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.7	35.5
279	5.4	4.2	6.2



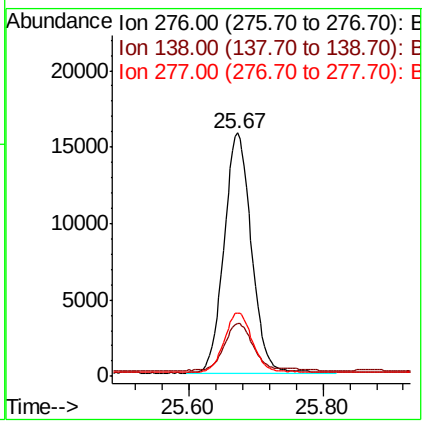


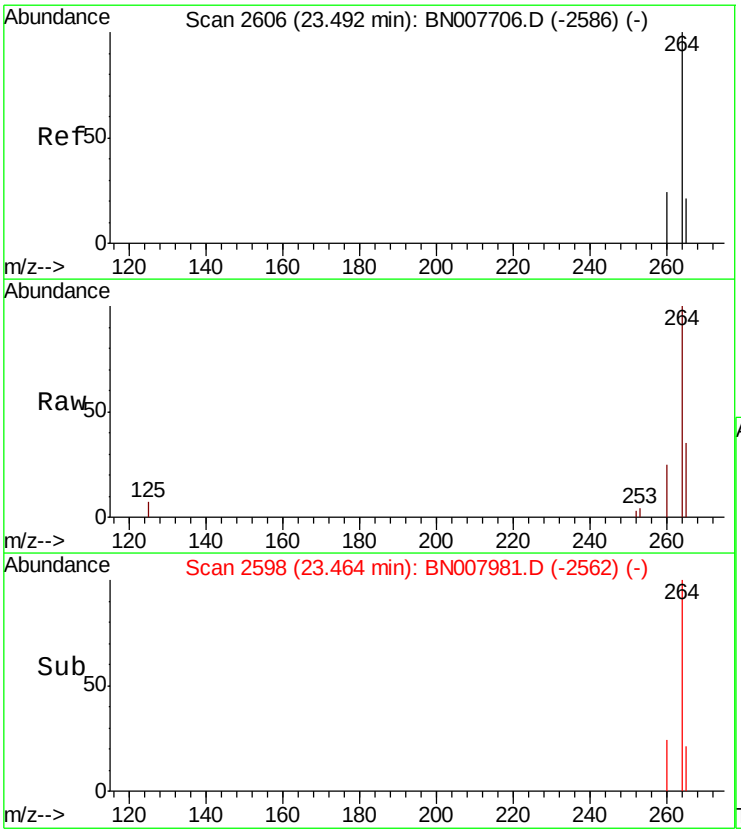
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.297 ng
RT: 25.67 min Scan# 3243
Delta R.T. -0.03 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 44437

Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.1	25.7
277	24.8	20.0	30.0

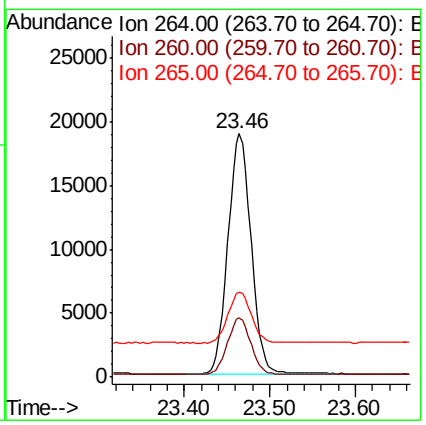


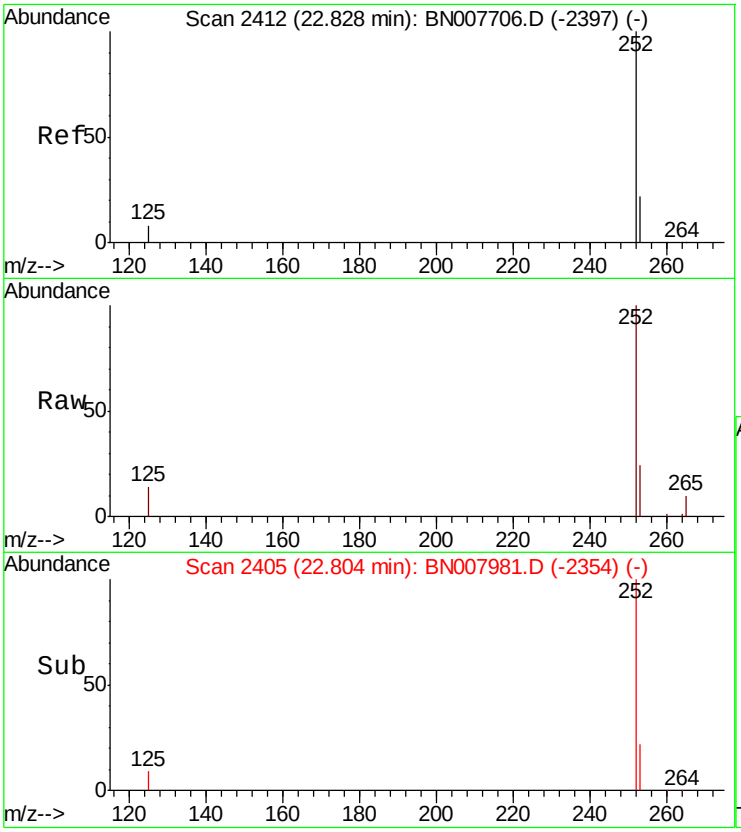


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2598
Delta R.T. -0.03 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:264 Resp: 35359

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	34.9	26.9	40.3



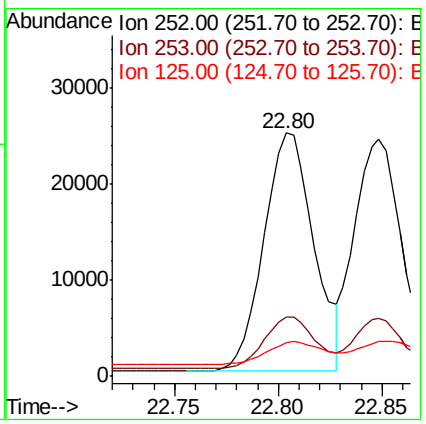


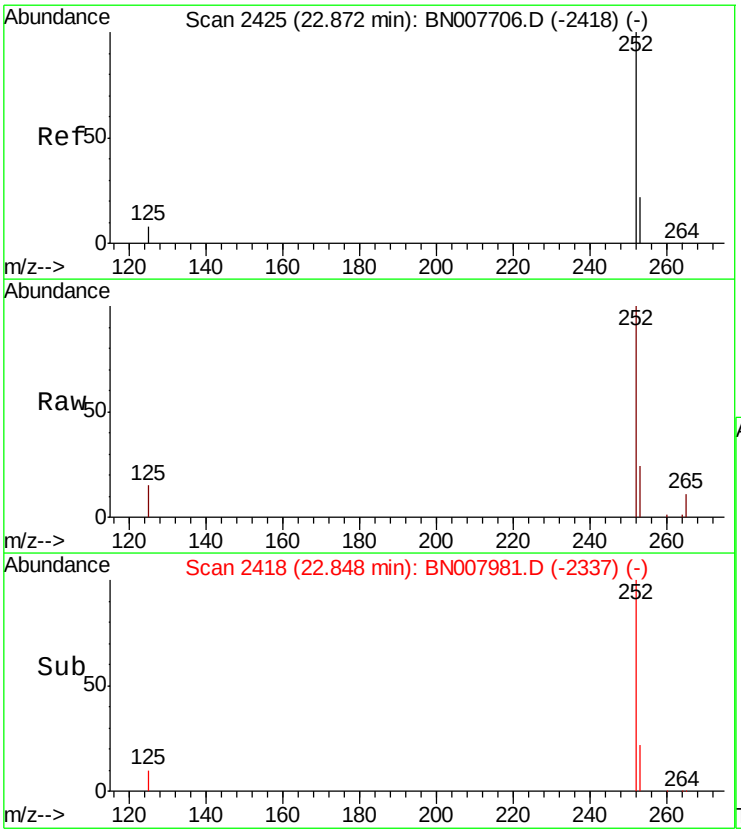
#35
Benzo(b)fluoranthene
Concen: 0.338 ng
RT: 22.80 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 41474

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.3	27.5
125	13.7	8.2	12.4#

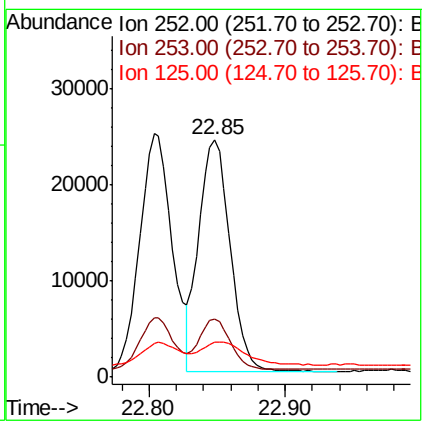


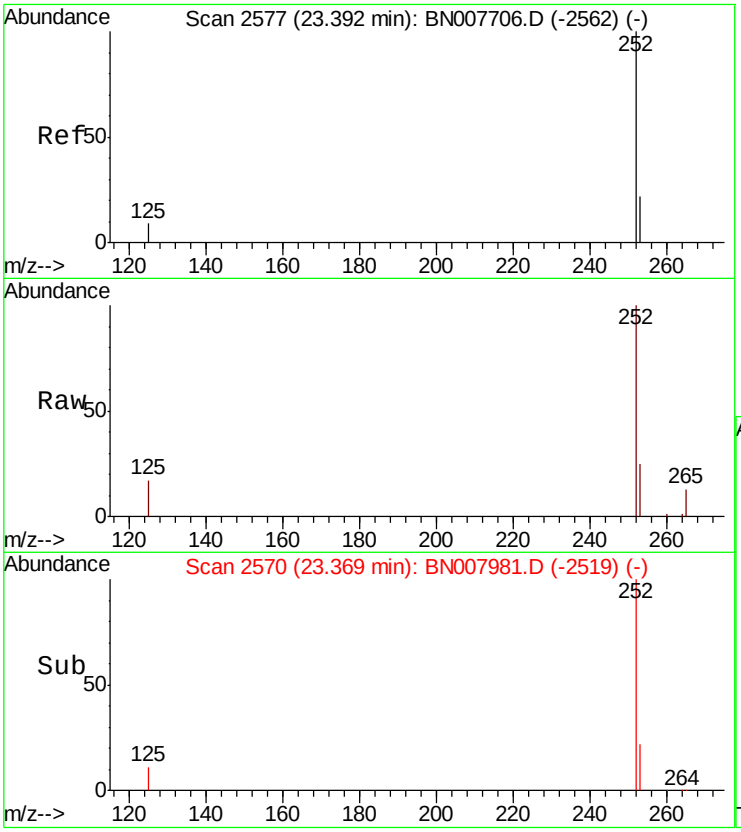


#36
Benzo(k)fluoranthene
Concen: 0.318 ng
RT: 22.85 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:252 Resp: 38565

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	14.7	8.4	12.6#



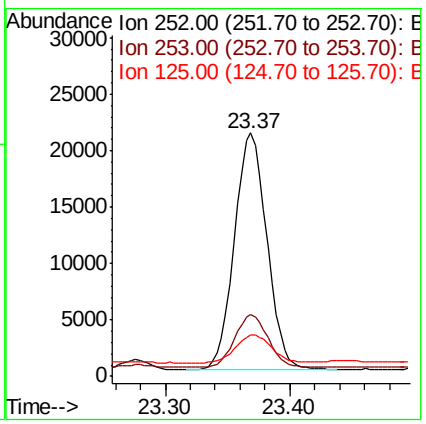


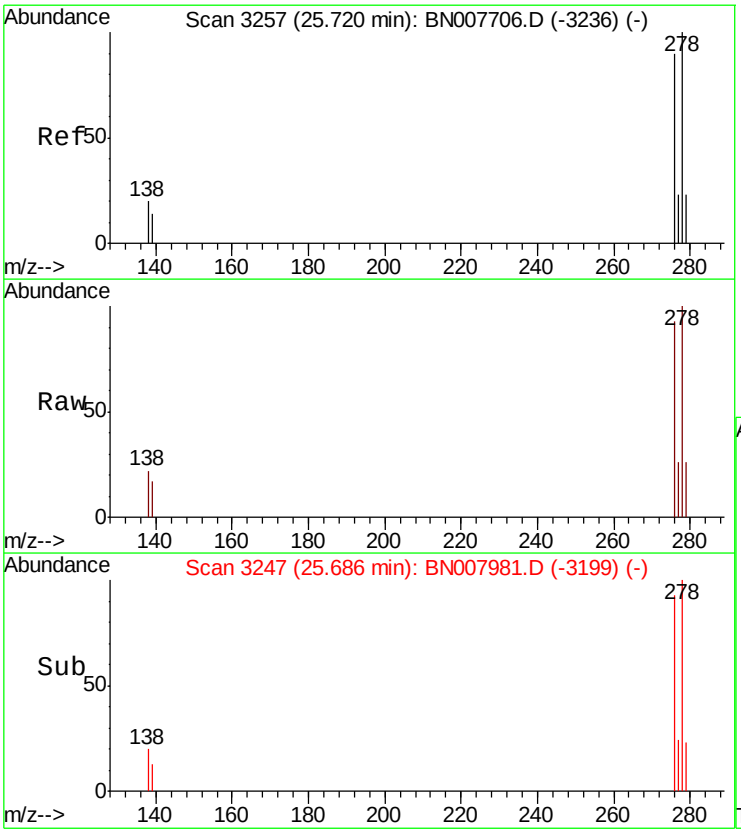
#37
Benzo(a)pyrene
Concen: 0.331 ng
RT: 23.37 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 38177

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.6	27.8
125	17.0	9.4	14.0#

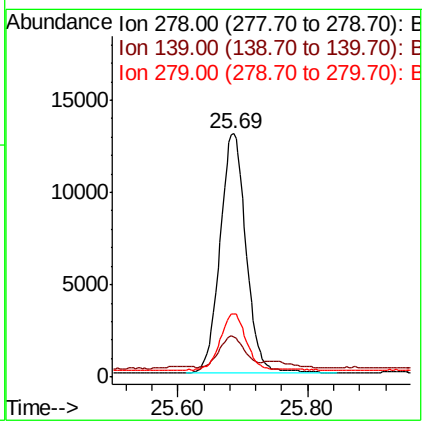


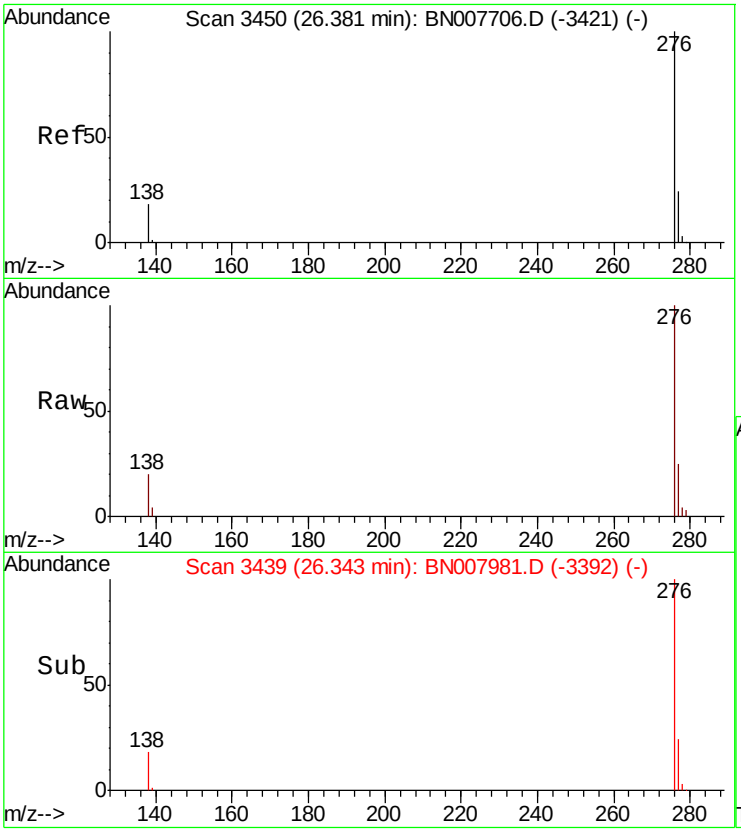


#38
Dibenzo(a,h)anthracene
Concen: 0.306 ng
RT: 25.69 min Scan# 3247
Delta R.T. -0.03 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Tgt Ion:278 Resp: 36107

Ion	Ratio	Lower	Upper
278	100		
139	16.7	11.8	17.6
279	25.9	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.322 ng
RT: 26.34 min Scan# 3439
Delta R.T. -0.04 min
Lab File: BN007981.D
Acq: 03 Oct 2019 00:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 37640

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.8	29.8
138	20.2	15.1	22.7