Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022120\
Data File : BN009807.D
Acq On : 21 Feb 2020 14:32
Operator : CG/JU
Sample : PB126934BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 21 16:37:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	1103	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	3787	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	2431	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	5396	0.40	ng		-0.01
27) Chrysene-d12	21.02	240	4869	0.40	ng		-0.02
34) Perylene-d12	23.13	264	5196	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	985	0.40	ng		-0.02
5) Phenol-d6	6.64	99	1051	0.35	ng		0.00
8) Nitrobenzene-d5	8.58	82	1044	0.33	ng		-0.01
11) 2-Methylnaphthalene-d10	11.77	152	2771	0.38	ng		-0.02
14) 2,4,6-Tribromophenol	15.57	330	358	0.38	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	3537	0.39	ng		-0.02
25) Fluoranthene-d10	18.84	212	6874	0.37	ng		-0.02
29) Terphenyl-d14	19.46	244	4364	0.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	472	0.418	ng		96
3) n-Nitrosodimethylamine	3.43	42	704	0.380	ng	#	93
6) bis(2-Chloroethyl)ether	6.87	93	1152	0.397	ng		92
9) Naphthalene	10.20	128	4040	0.391	ng		99
10) Hexachlorobutadiene	10.48	225	887	0.390	ng	#	96
12) 2-Methylnaphthalene	11.85	142	2725	0.385	ng		99
16) Acenaphthylene	13.76	152	3897	0.376	ng		100
17) Acenaphthene	14.10	154	2806	0.385	ng		99
18) Fluorene	15.10	166	3654	0.380	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	1055	0.244	ng		94
21) Hexachlorobenzene	16.11	284	1313	0.391	ng		99
22) Pentachlorophenol	16.50	266	240	0.392	ng		95
23) Phenanthrene	16.85	178	5998	0.373	ng		100
24) Anthracene	16.94	178	4862	0.358	ng		99
26) Fluoranthene	18.87	202	7091	0.369	ng		99
28) Pyrene	19.24	202	7254	0.392	ng		100
30) Benzo(a)anthracene	21.00	228	5667	0.351	ng		100
31) Chrysene	21.06	228	7199	0.385	ng		98
32) Bis(2-ethylhexyl)phthalate	20.95	149	3384	0.429	ng		99
33) Indeno(1,2,3-cd)pyrene	25.17	276	7434	0.382	ng		99
35) Benzo(b)fluoranthene	22.51	252	6329	0.333	ng		98
36) Benzo(k)fluoranthene	22.55	252	7703	0.372	ng		99
37) Benzo(a)pyrene	23.04	252	6479	0.374	ng	#	88
38) Dibenzo(a,h)anthracene	25.19	278	5626	0.330	ng		98
39) Benzo(g,h,i)perylene	25.80	276	6639	0.365	ng		99

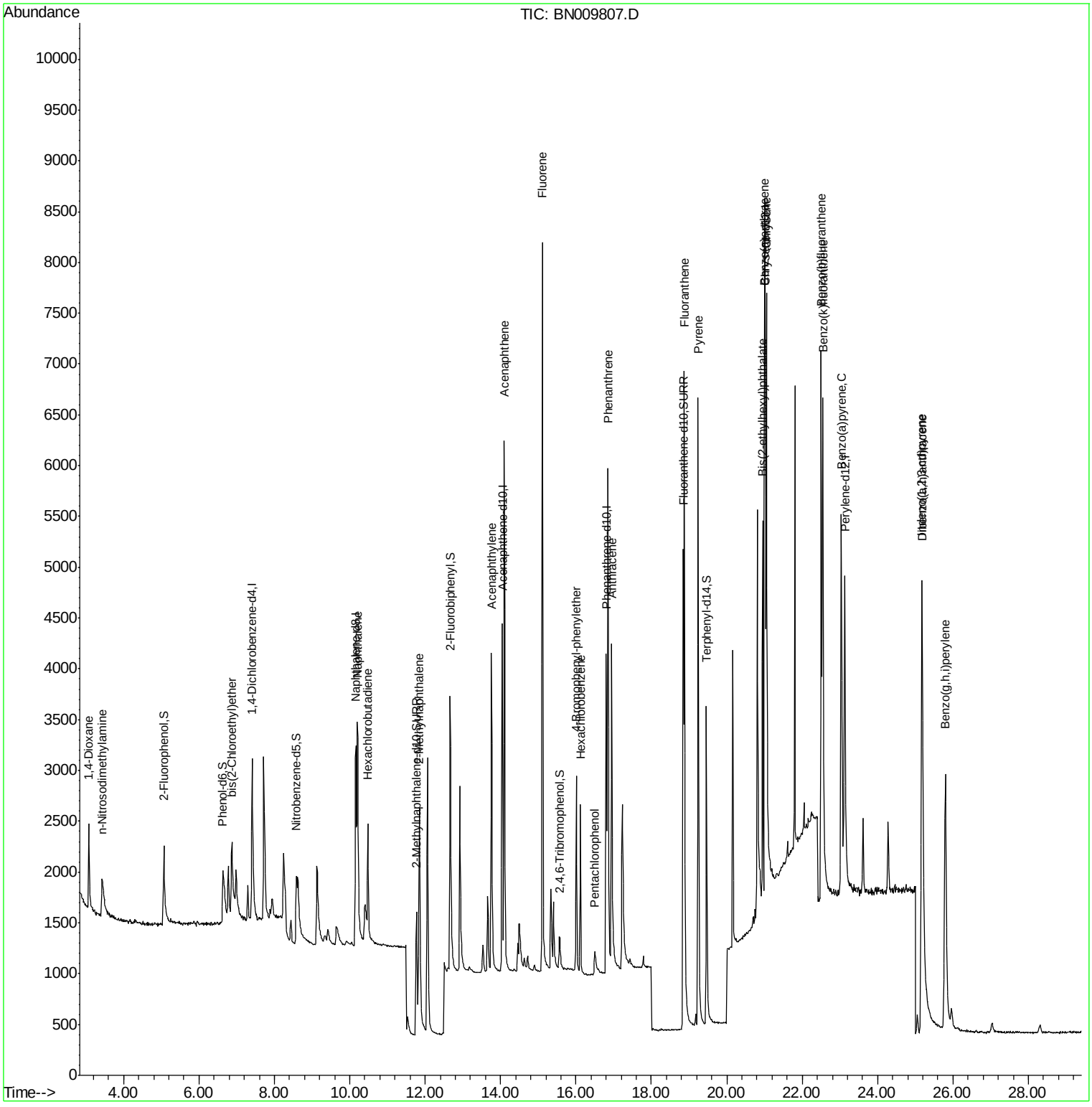
(#) = qualifier out of range (m) = manual integration (+) = signals summed

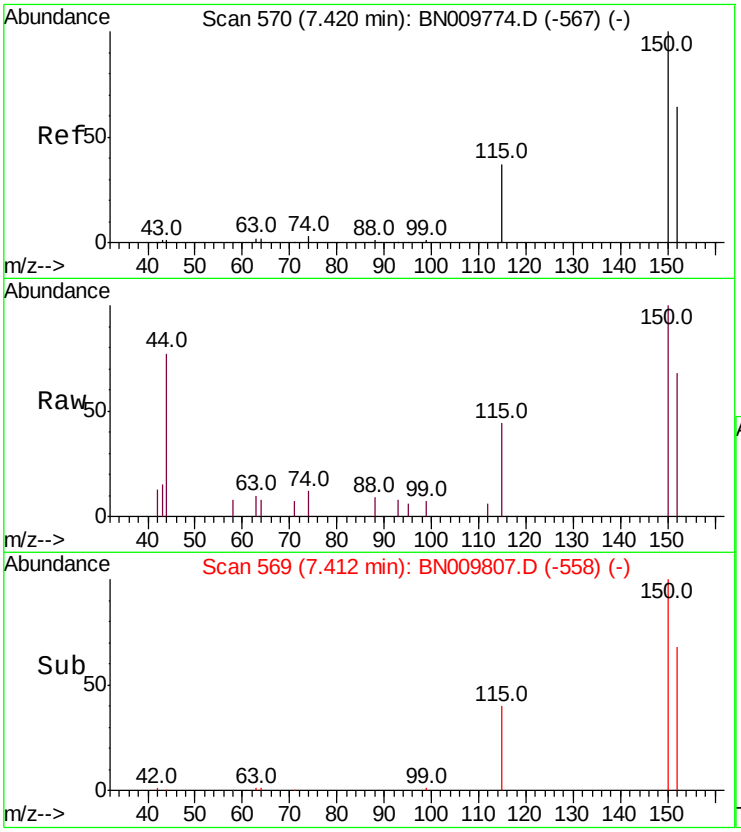
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022120\
Data File : BN009807.D
Acq On : 21 Feb 2020 14:32
Operator : CG/JU
Sample : PB126934BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 21 16:37:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



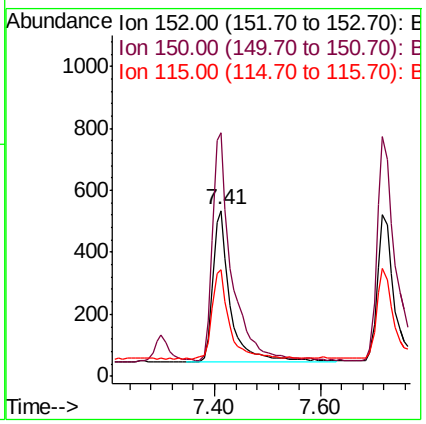


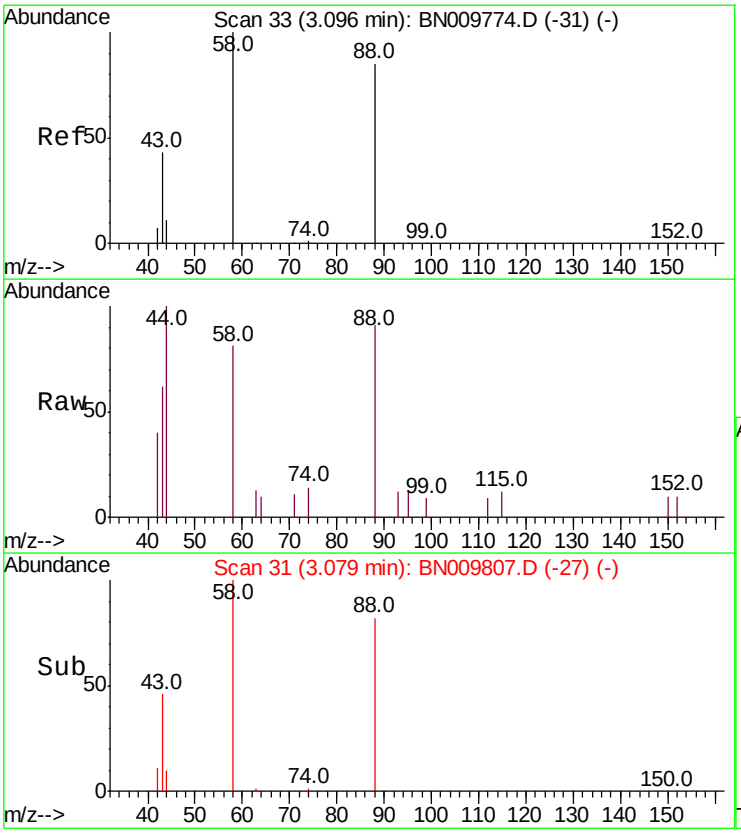
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1103

Ion	Ratio	Lower	Upper
152	100		
150	146.6	120.6	181.0
115	63.8	51.2	76.8

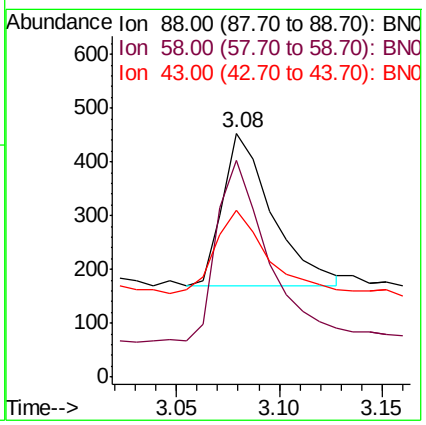


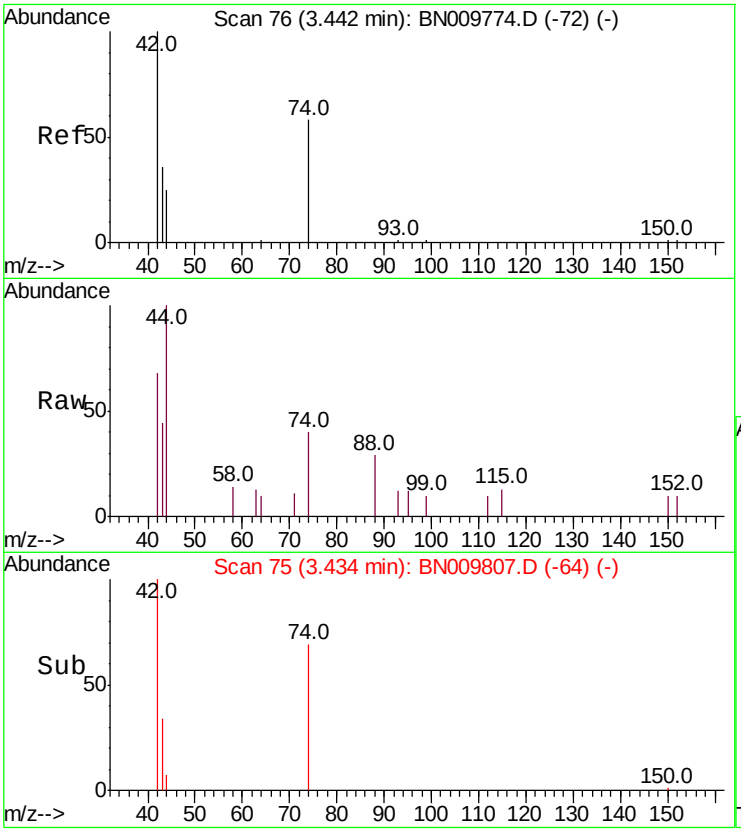


#2
1,4-Dioxane
Concen: 0.418 ng
RT: 3.08 min Scan# 31
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion: 88 Resp: 472

Ion	Ratio	Lower	Upper
88	100		
58	124.4	97.8	146.8
43	51.1	45.1	67.7



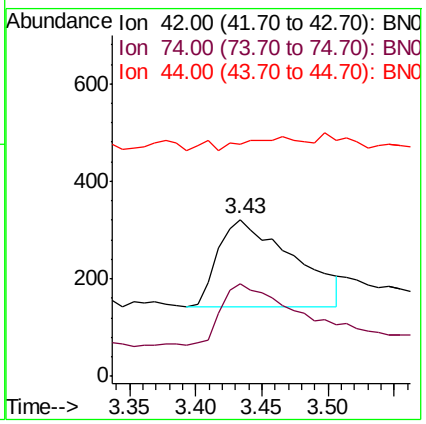


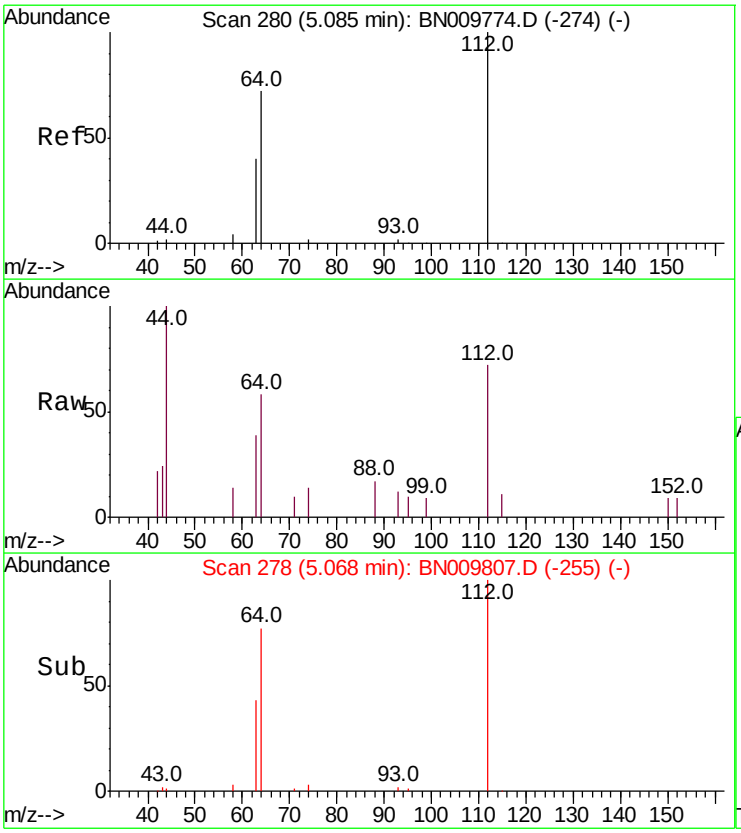
#3
n-Nitrosodimethylamine
Concen: 0.380 ng
RT: 3.43 min Scan# 75
Delta R.T. -0.01 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 704

Ion	Ratio	Lower	Upper
42	100		
74	69.5	51.2	76.8
44	0.0	2.6	4.0#

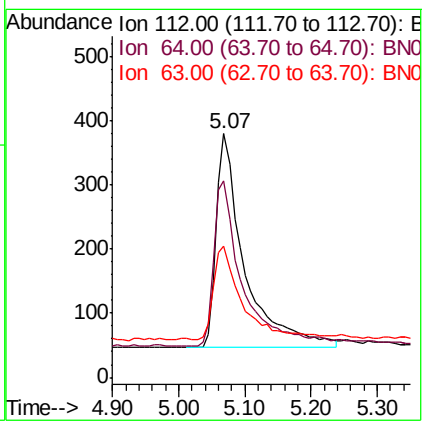


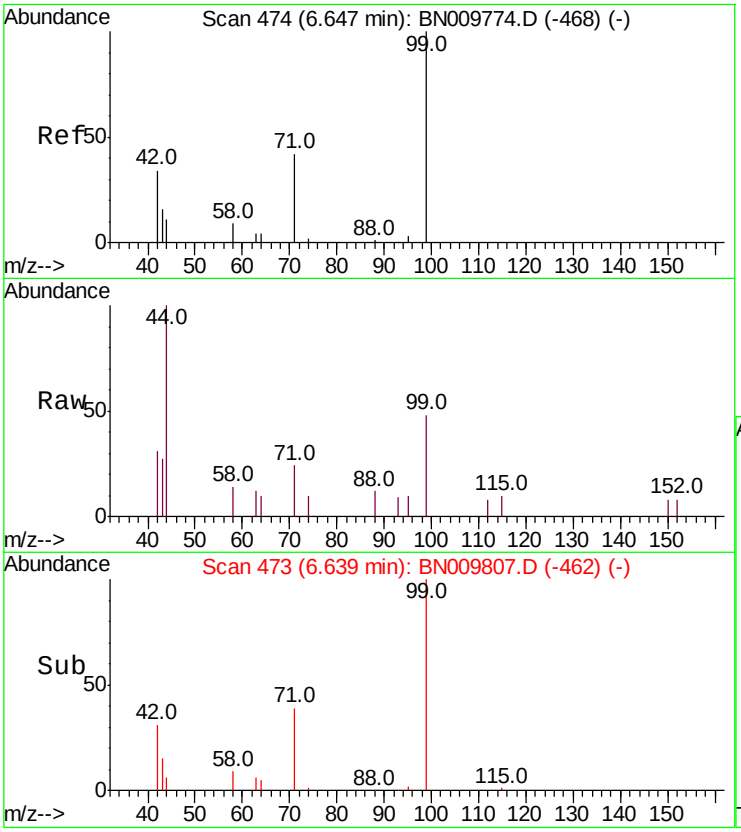


#4
2-Fluorophenol
Concen: 0.402 ng
RT: 5.07 min Scan# 278
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:112 Resp: 985

Ion	Ratio	Lower	Upper
112	100		
64	76.4	65.8	98.6
63	45.5	38.7	58.1



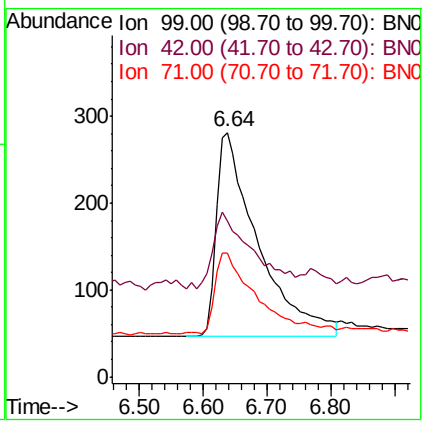


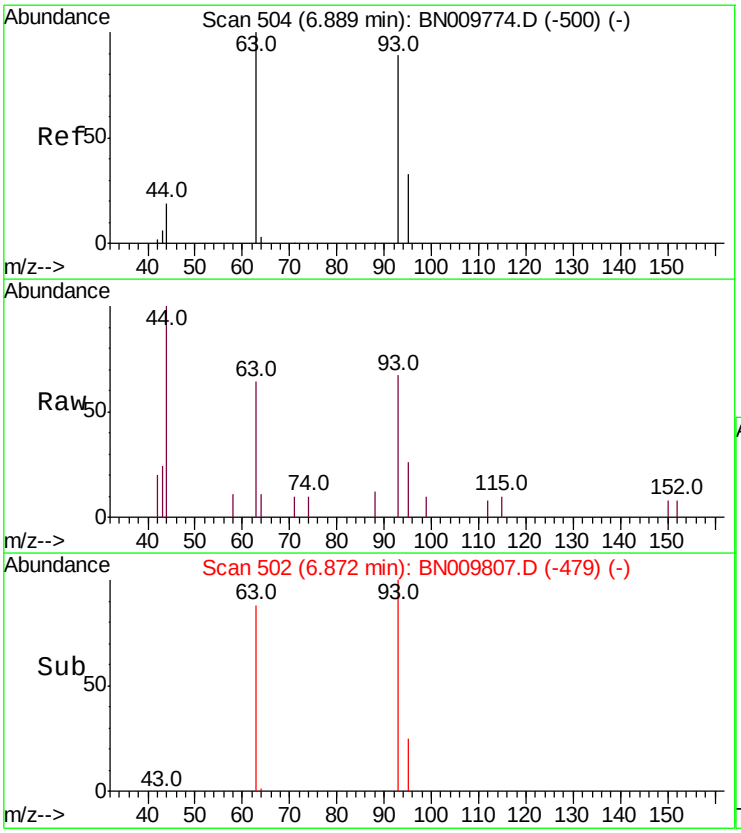
#5
Phenol-d6
Concen: 0.352 ng
RT: 6.64 min Scan# 473
Delta R.T. -0.01 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1051

Ion	Ratio	Lower	Upper
99	100		
42	36.0	30.8	46.2
71	40.9	34.9	52.3

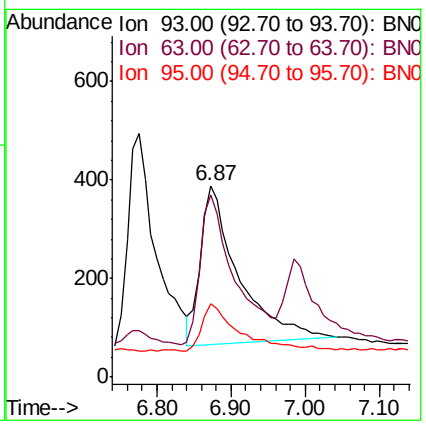


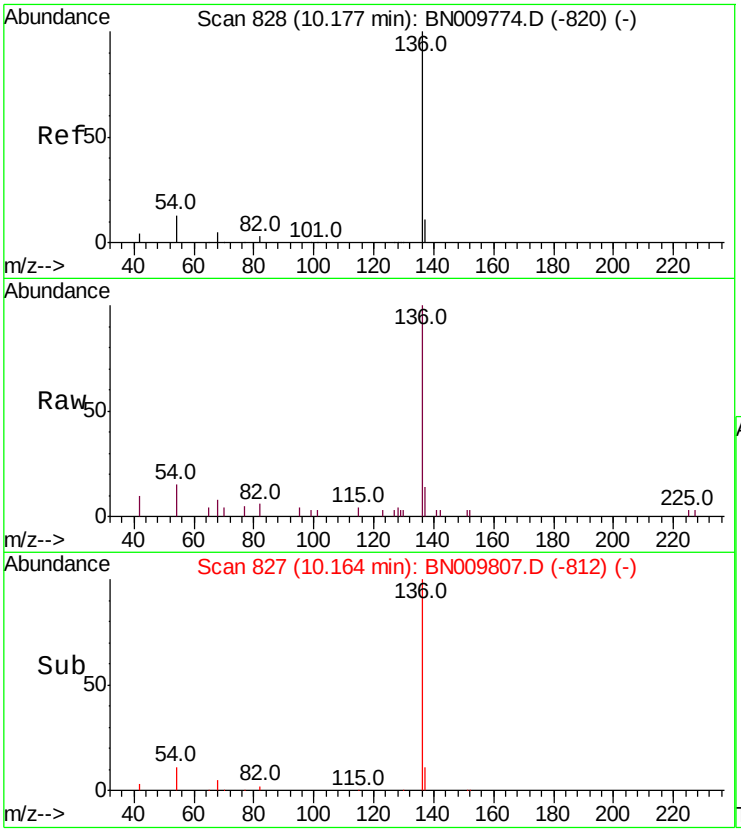


#6
bis(2-Chloroethyl)ether
Concen: 0.397 ng
RT: 6.87 min Scan# 502
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion: 93 Resp: 1152

Ion	Ratio	Lower	Upper
93	100		
63	84.5	74.0	111.0
95	29.9	26.7	40.1



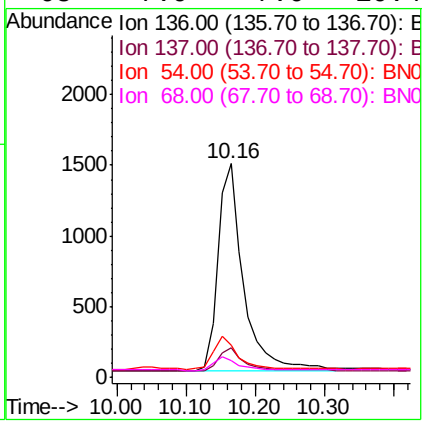


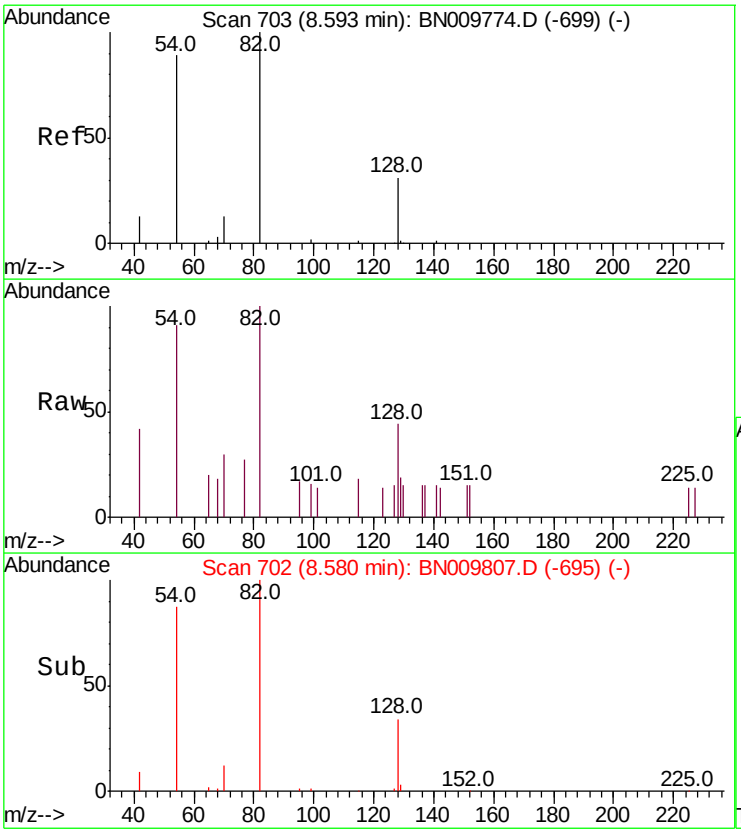
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.01 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 3787

Ion	Ratio	Lower	Upper
136	100		
137	13.8	11.3	16.9
54	15.0	13.4	20.2
68	7.9	7.0	10.4

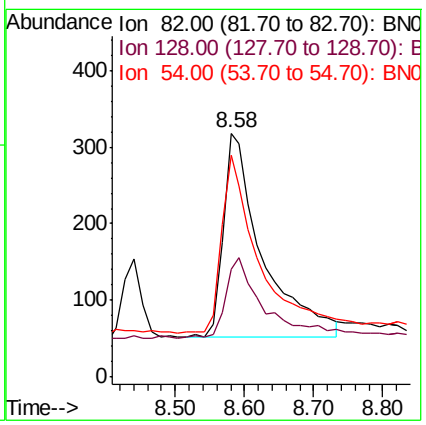


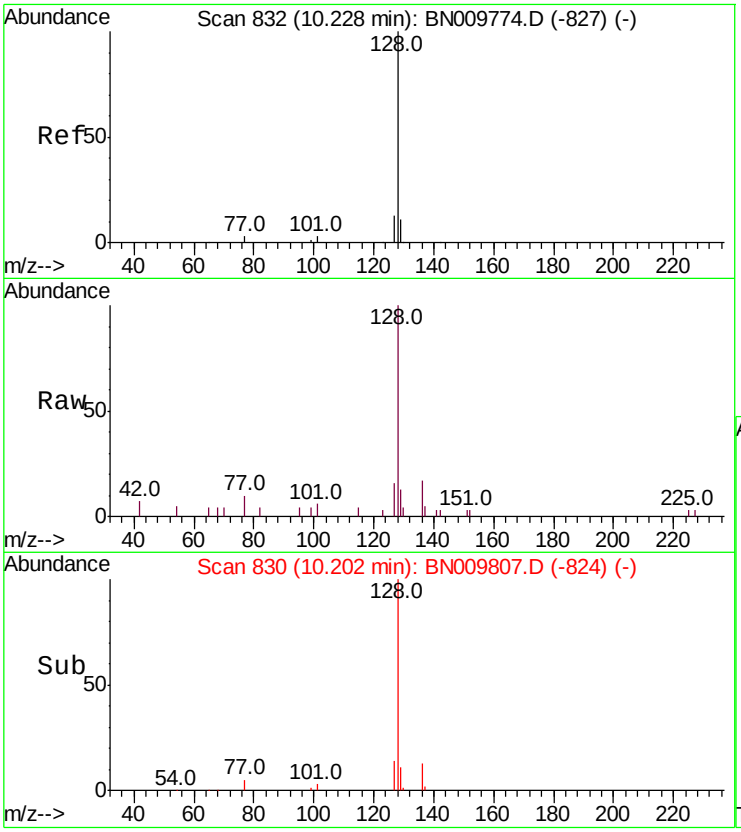


#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 8.58 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion: 82 Resp: 1044

Ion	Ratio	Lower	Upper
82	100		
128	44.3	32.5	48.7
54	90.9	73.5	110.3

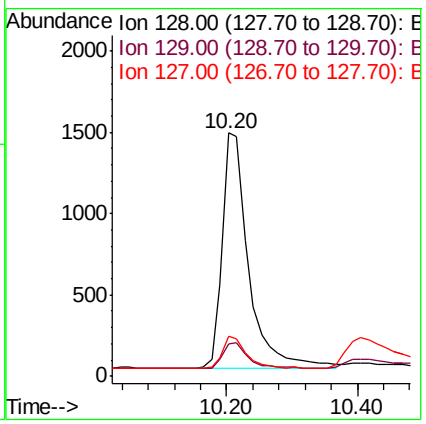




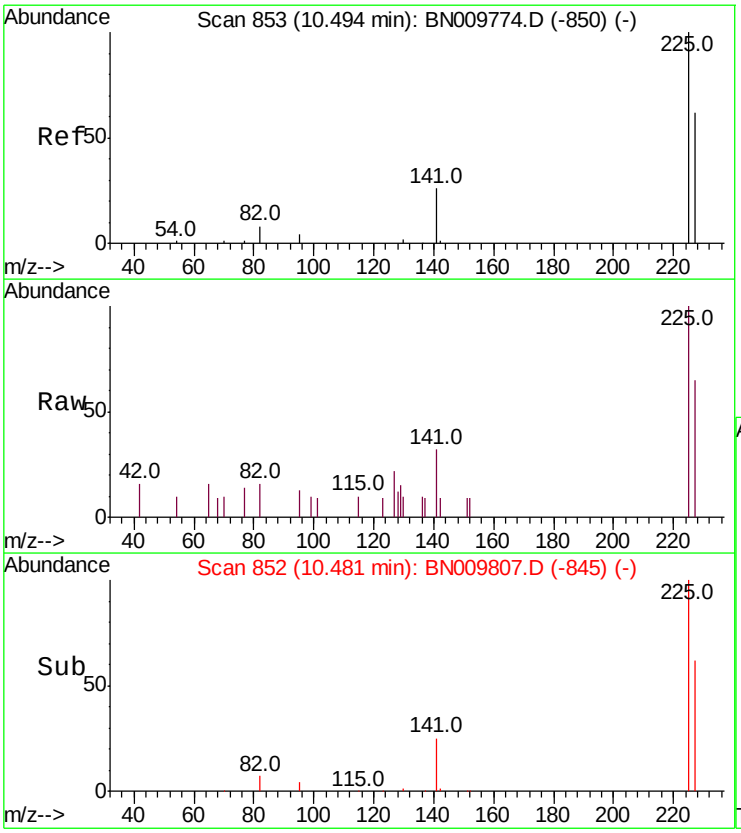
#9
Naphthalene
Concen: 0.391 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.03 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:128 Resp: 4040

Ion	Ratio	Lower	Upper
128	100		
129	13.4	11.1	16.7
127	16.2	12.6	19.0



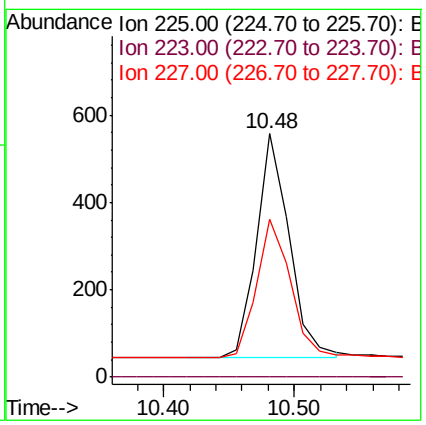
Instrument :
BNA_N
ClientSampleId :

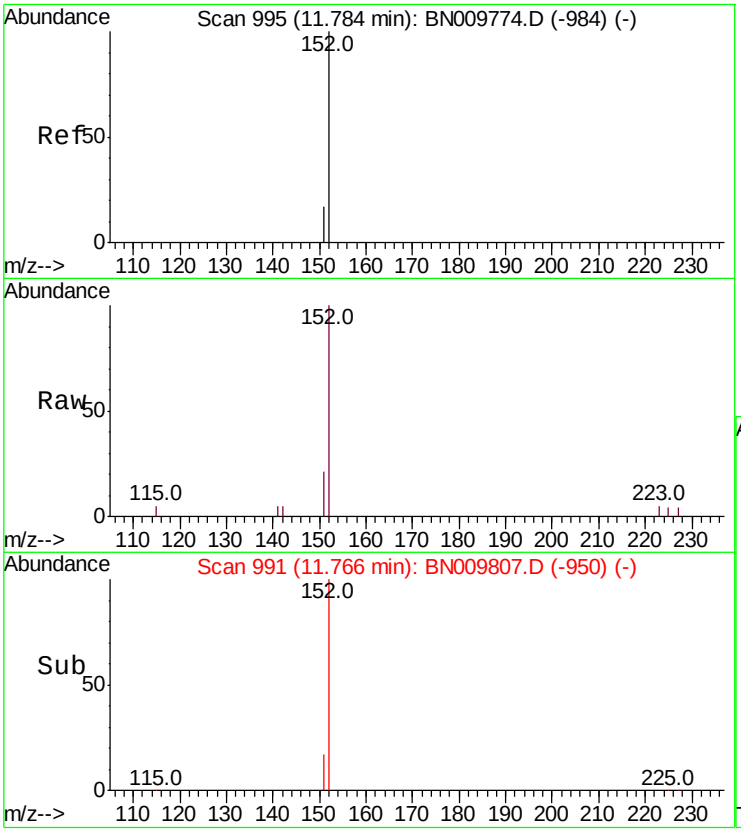


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 10.48 min Scan# 852
Delta R.T. -0.01 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:225 Resp: 887

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	53.4	80.2



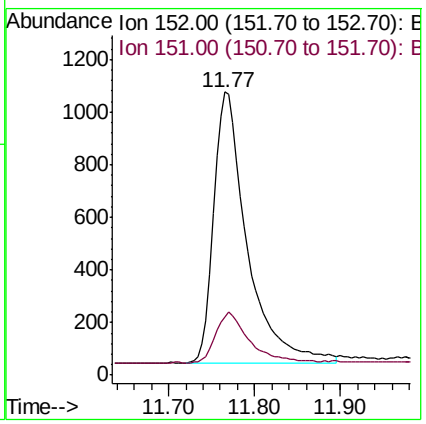


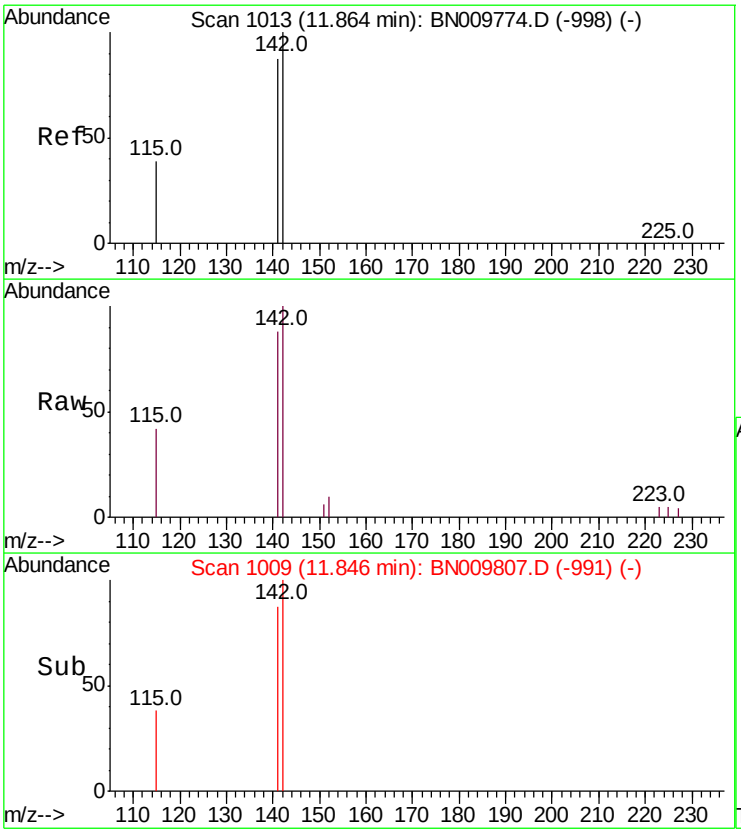
#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 11.77 min Scan# 991
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2771

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.1	22.7

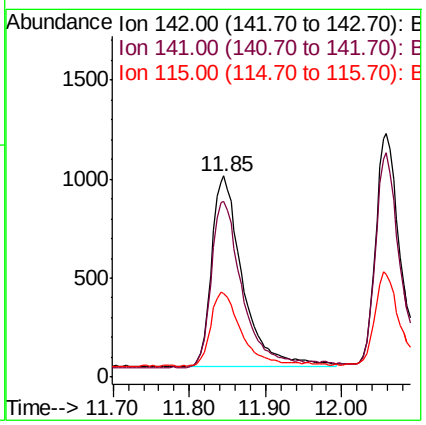


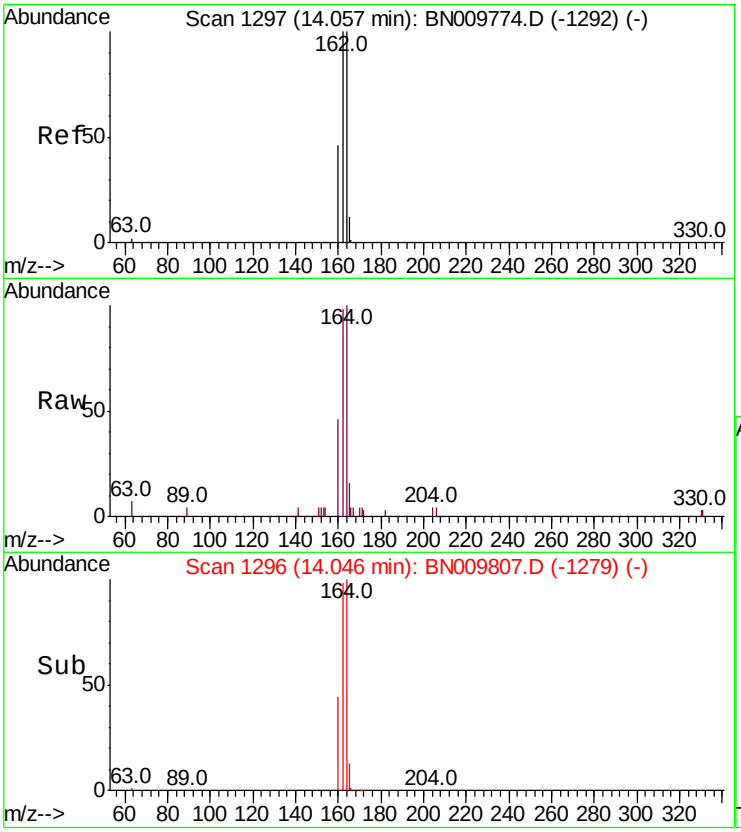


#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 11.85 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:142 Resp: 2725

Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.8	104.6
115	41.8	34.6	52.0



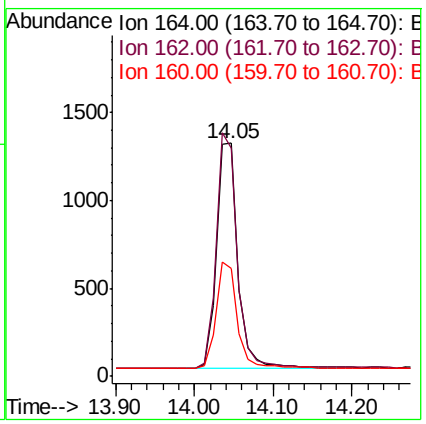


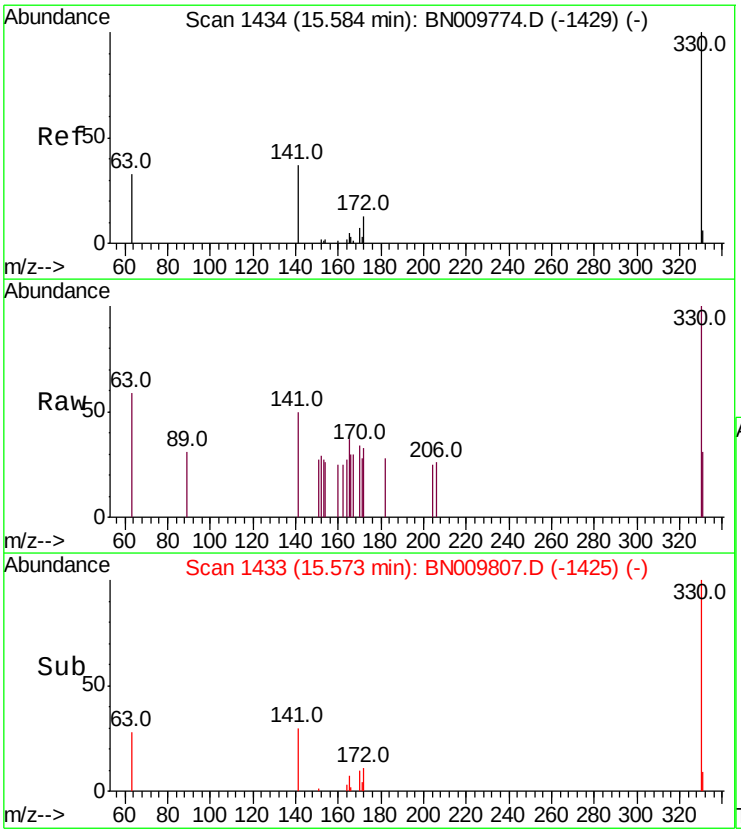
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2431

Ion	Ratio	Lower	Upper
164	100		
162	98.1	79.9	119.9
160	46.3	38.2	57.2

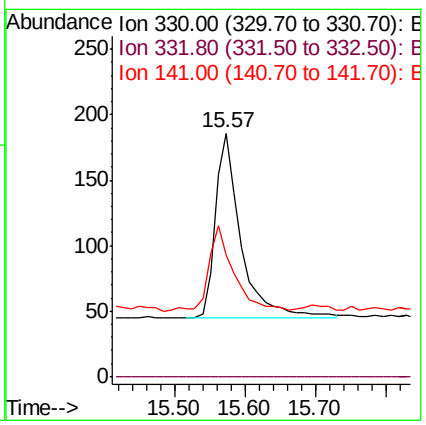


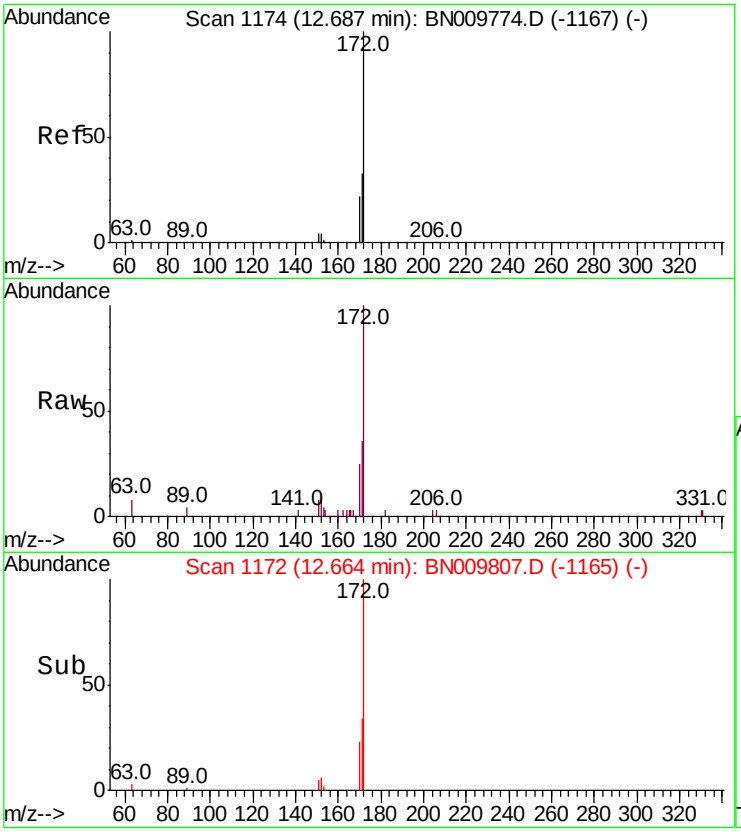


#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.57 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:330 Resp: 358

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.7	36.8	55.2



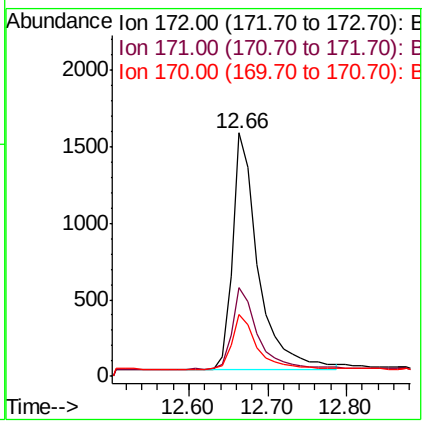


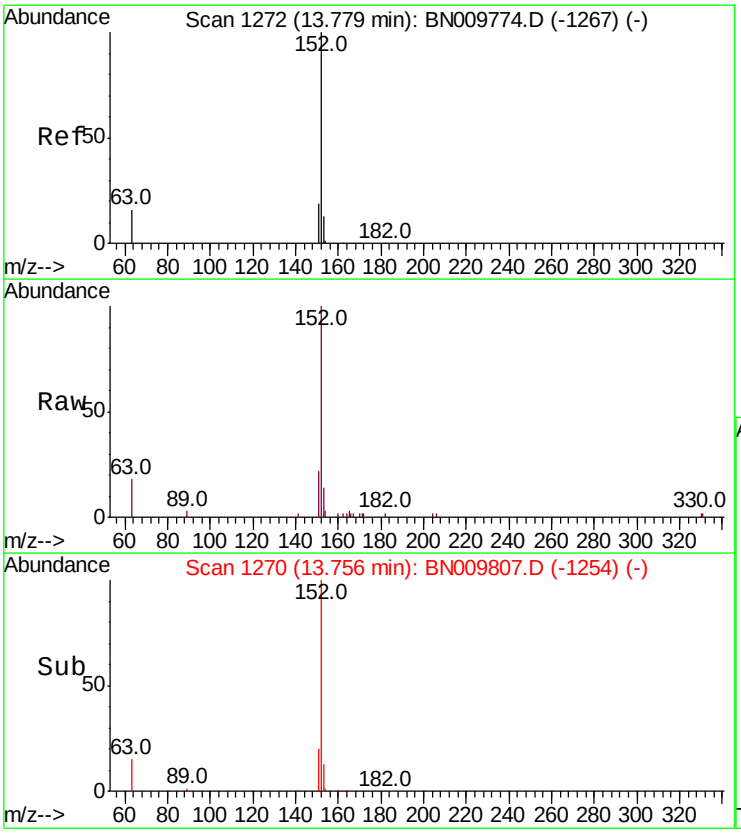
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.66 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 3537

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.7	43.1
170	25.3	20.1	30.1

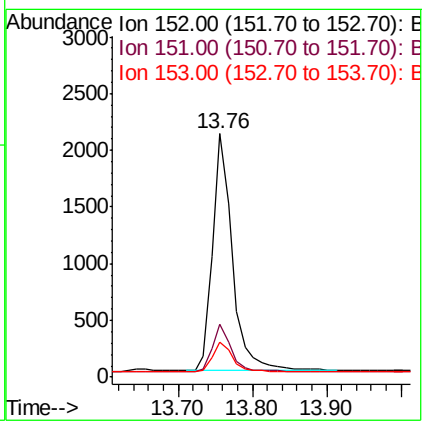


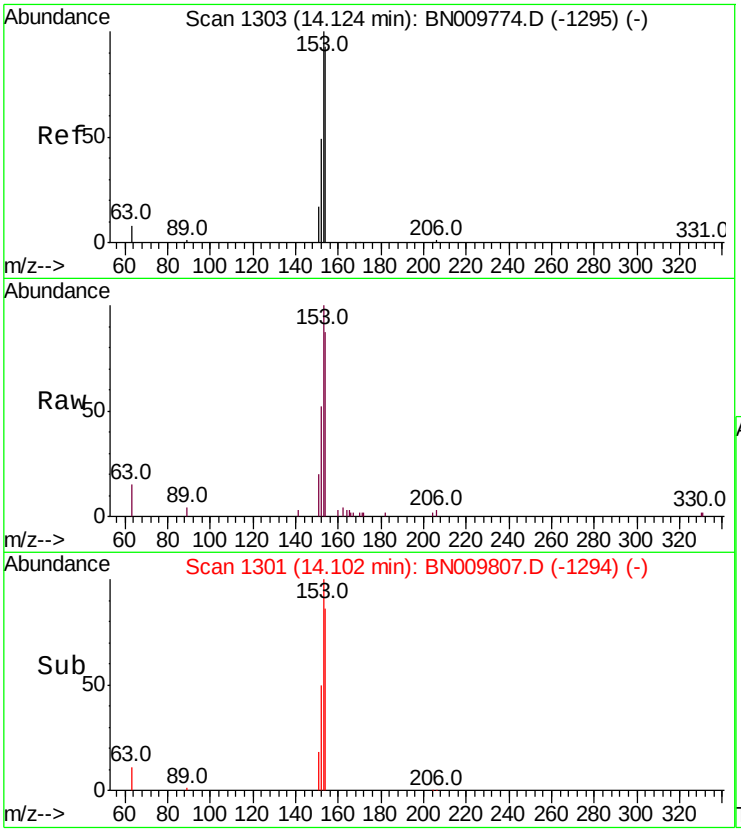


#16
Acenaphthylene
Concen: 0.376 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:152 Resp: 3897

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	12.9	10.2	15.4



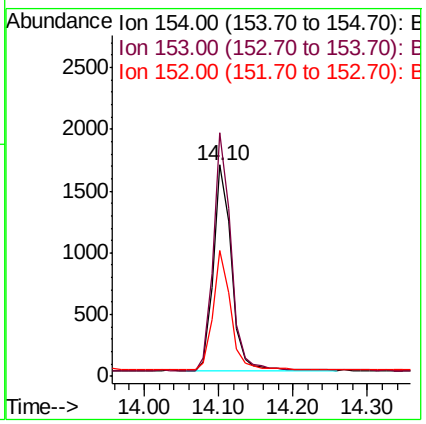


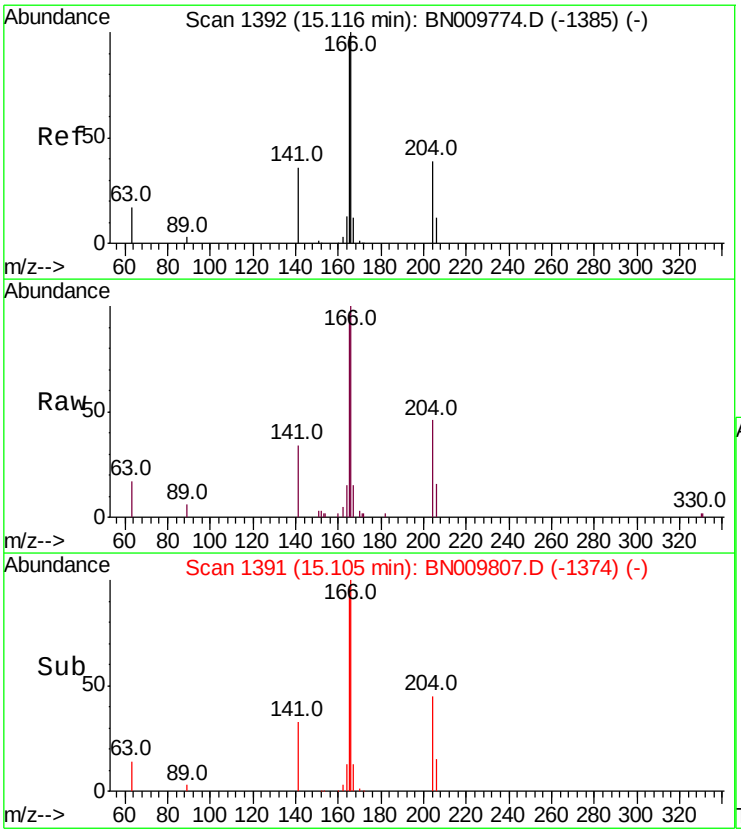
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 2806

Ion	Ratio	Lower	Upper
154	100		
153	113.0	88.9	133.3
152	55.6	44.2	66.2

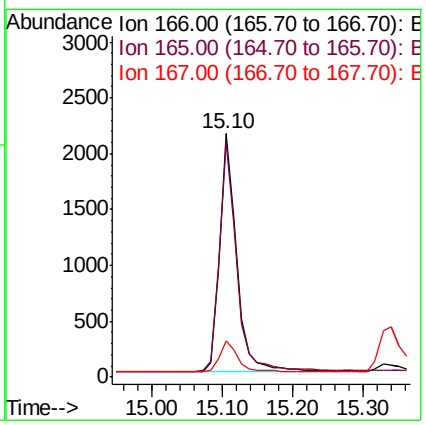


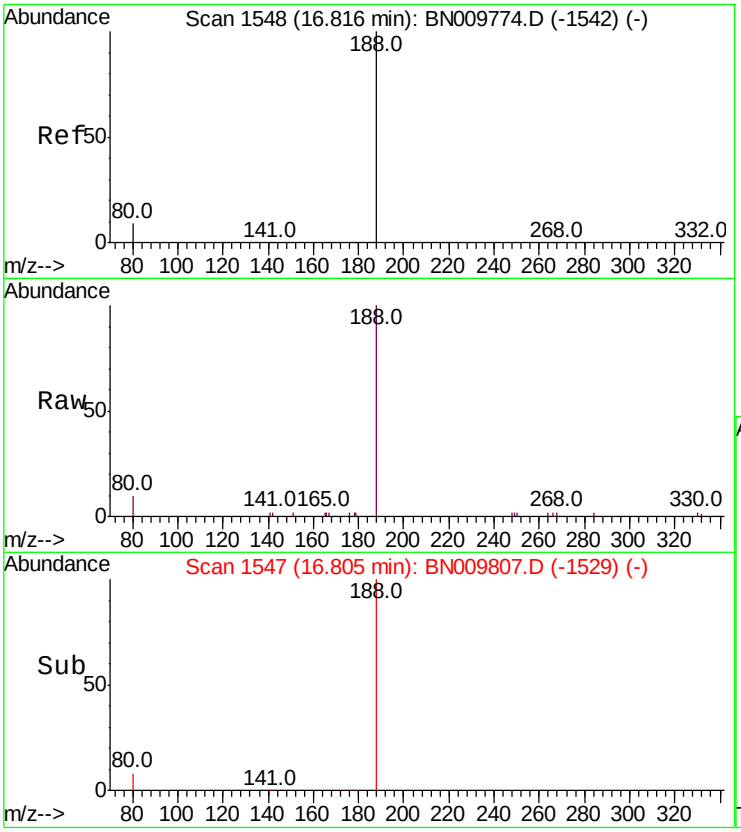


#18
Fluorene
Concen: 0.380 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:166 Resp: 3654

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.2	115.8
167	13.5	10.5	15.7



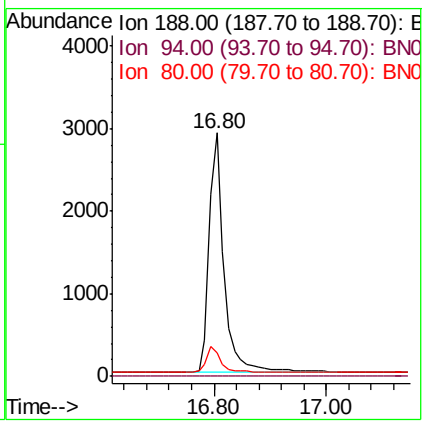


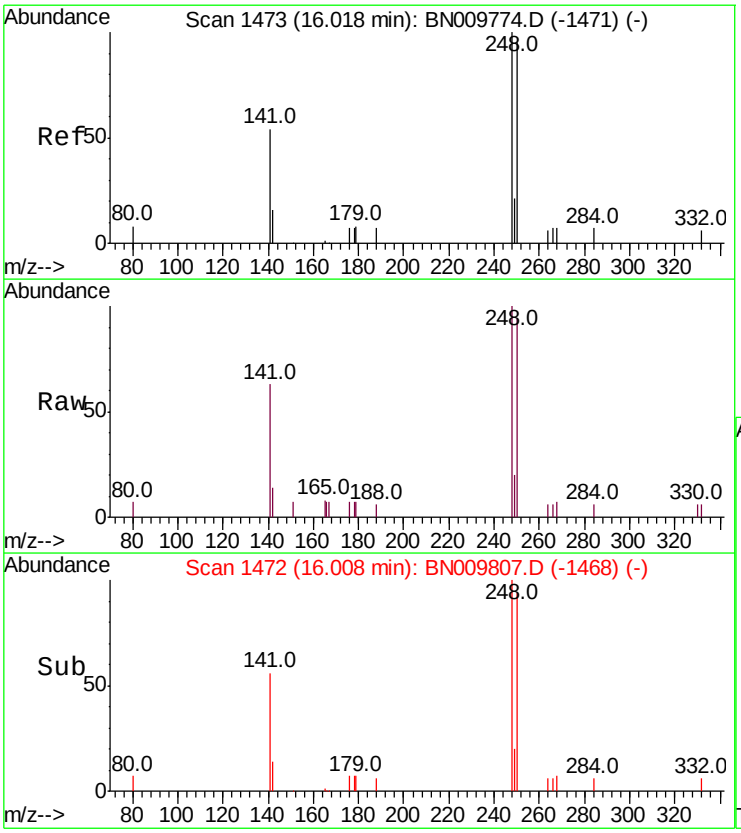
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 5396

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	8.3	12.5

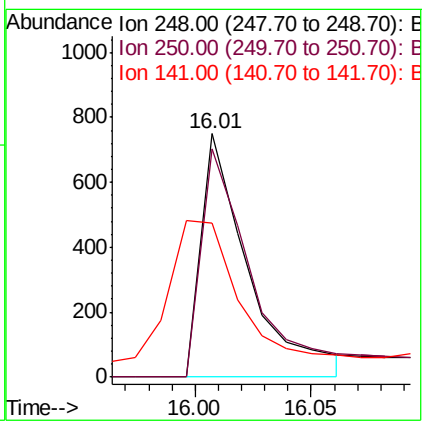


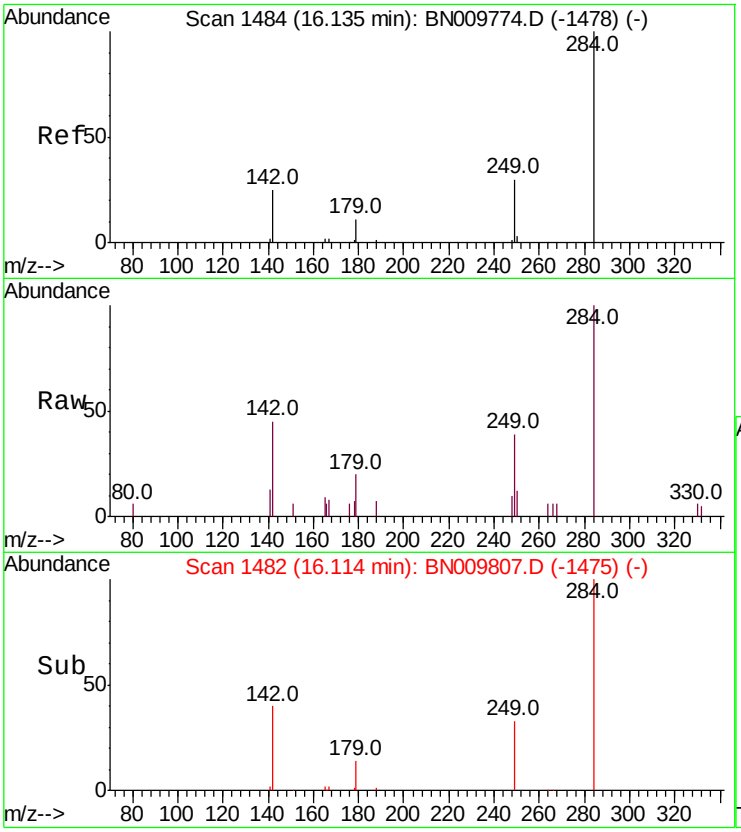


#20
4-Bromophenyl-phenylether
Concen: 0.244 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:248 Resp: 1055

Ion	Ratio	Lower	Upper
248	100		
250	93.6	76.2	114.4
141	63.2	57.8	86.6



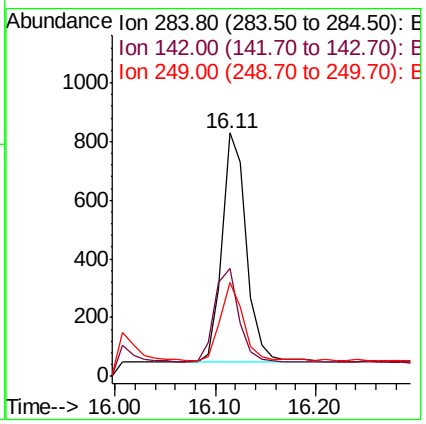


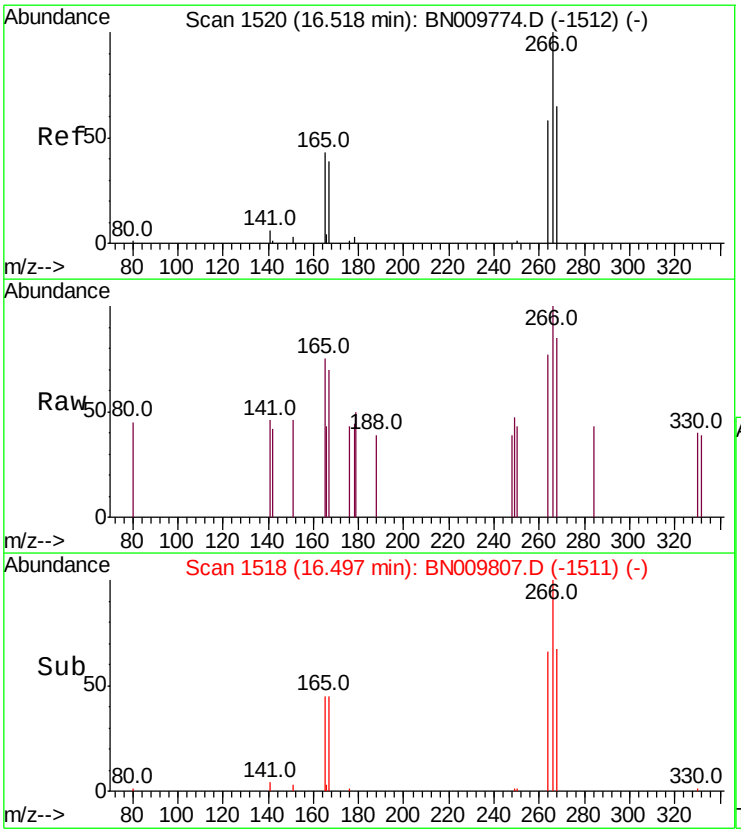
#21
Hexachlorobenzene
Concen: 0.391 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 1313

Ion	Ratio	Lower	Upper
284	100		
142	43.0	33.3	49.9
249	32.1	25.7	38.5

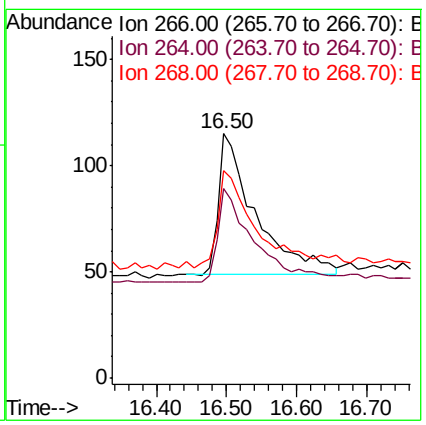


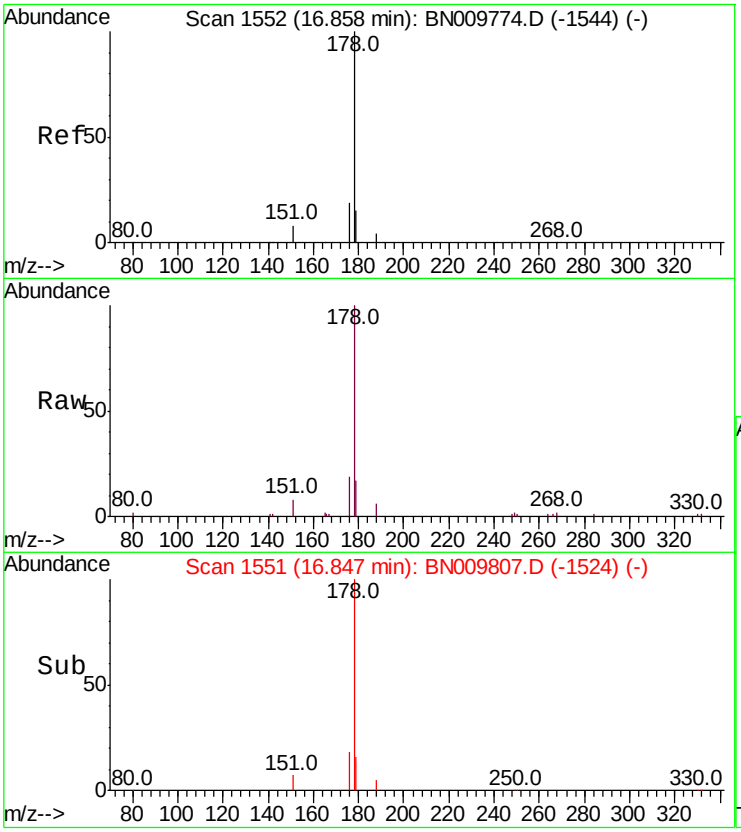


#22
Pentachlorophenol
Concen: 0.392 ng
RT: 16.50 min Scan# 1518
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:266 Resp: 240

Ion	Ratio	Lower	Upper
266	100		
264	77.4	58.1	87.1
268	85.2	65.7	98.5



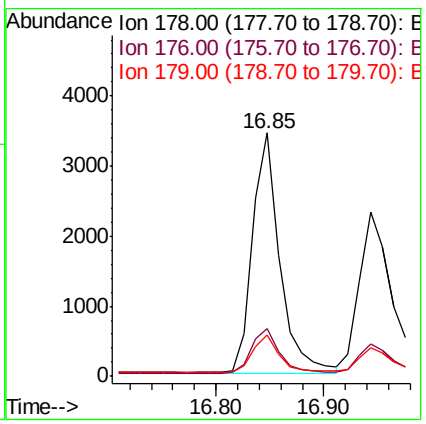


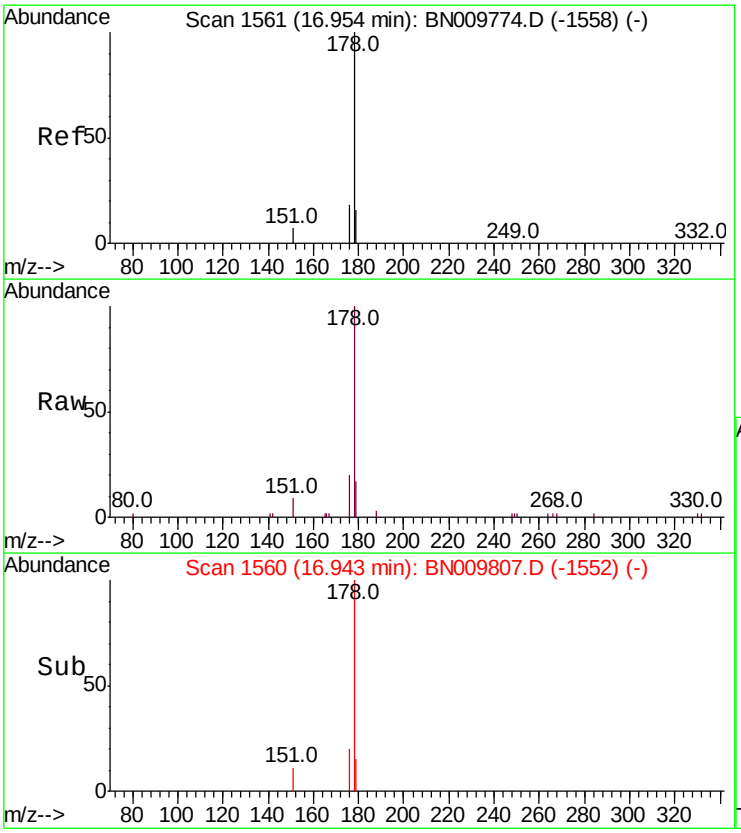
#23
Phenanthrene
Concen: 0.373 ng
RT: 16.85 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 5998

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.4	12.4	18.6

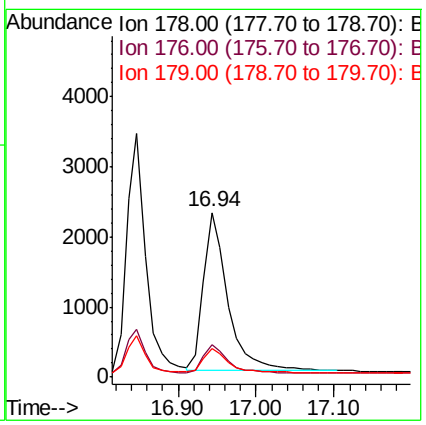


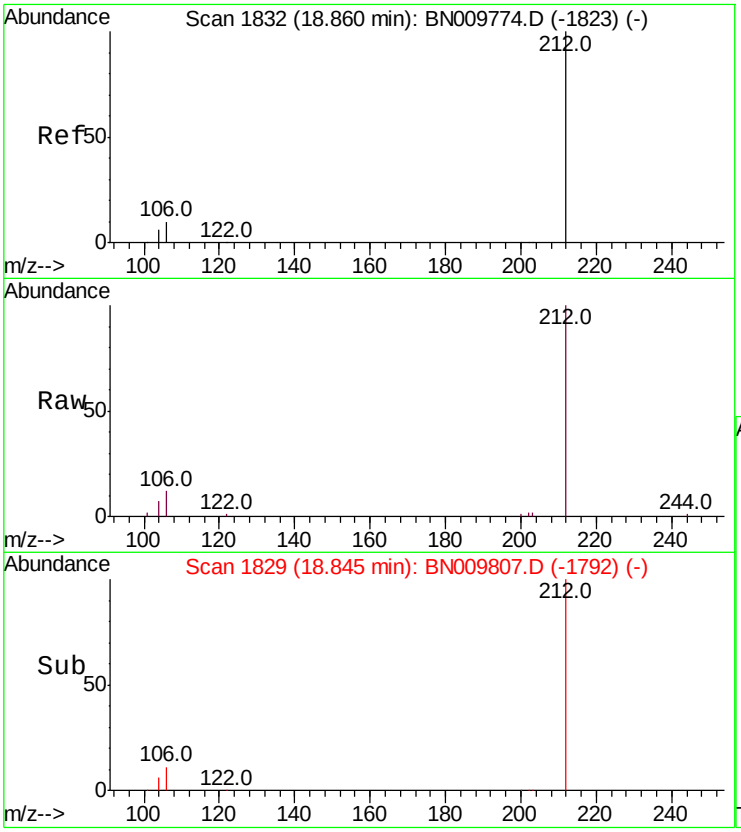


#24
Anthracene
Concen: 0.358 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:178 Resp: 4862

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.3	21.5
179	15.2	12.4	18.6



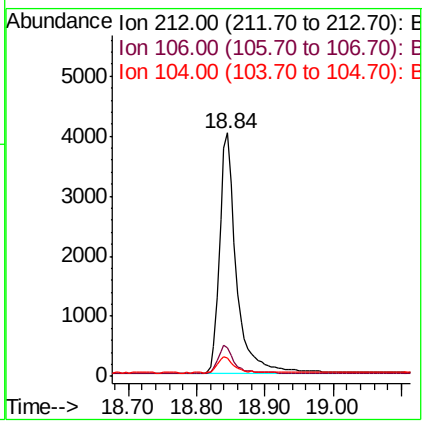


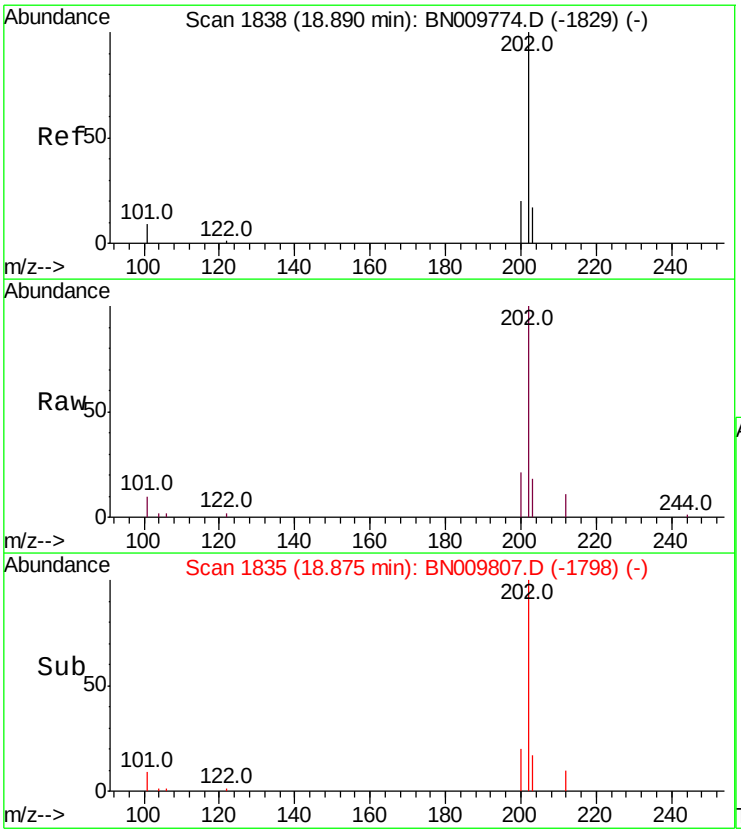
#25
Fluoranthene-d10
Concen: 0.368 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 6874

Ion	Ratio	Lower	Upper
212	100		
106	11.1	8.4	12.6
104	6.7	4.8	7.2

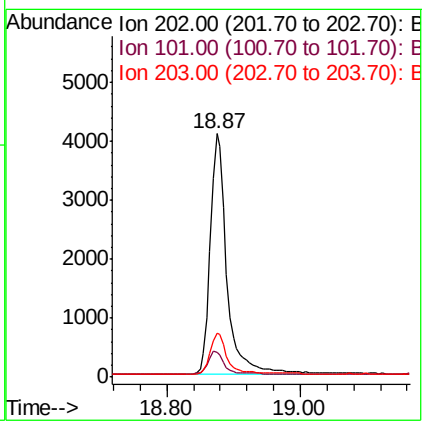


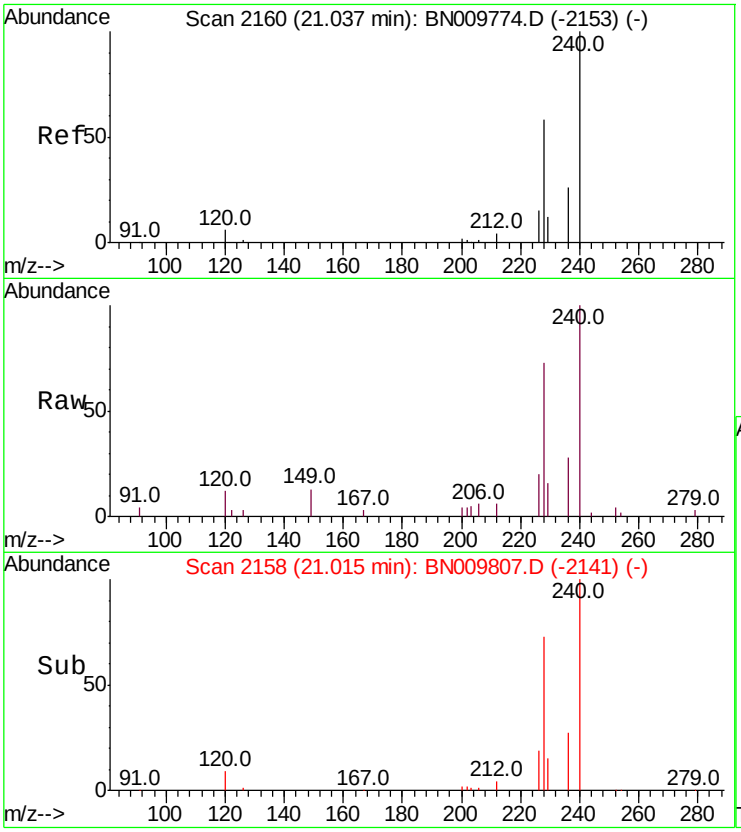


#26
Fluoranthene
Concen: 0.369 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:202 Resp: 7091

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.1	10.7
203	17.1	13.8	20.6



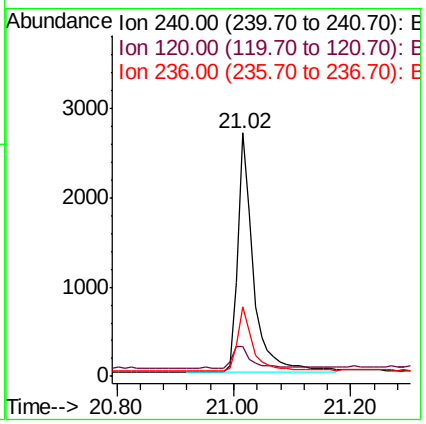


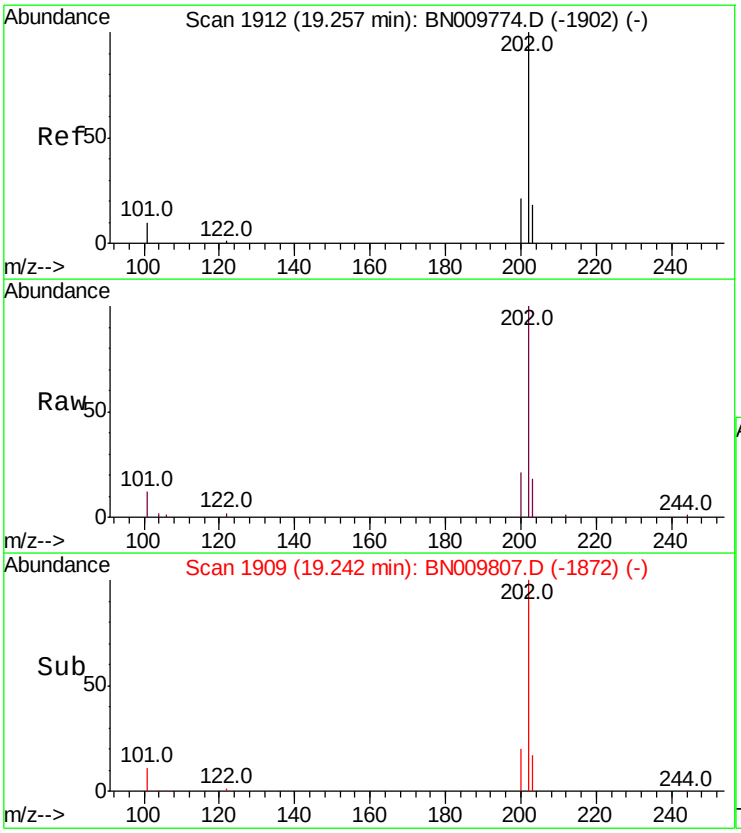
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 4869

Ion	Ratio	Lower	Upper
240	100		
120	12.5	7.9	11.9#
236	28.4	22.0	33.0

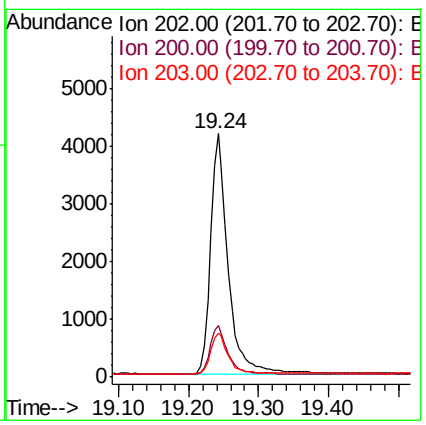


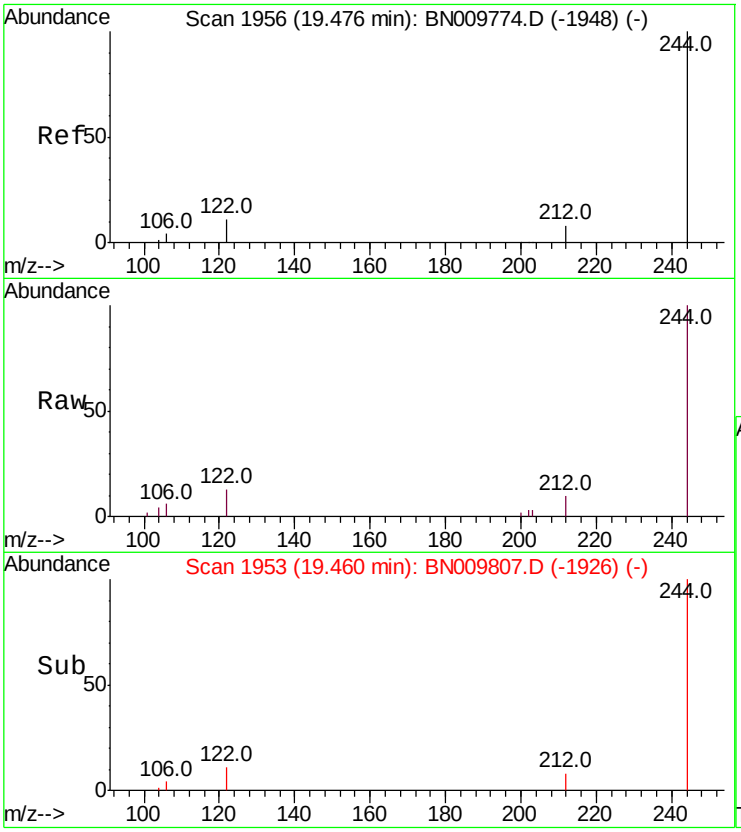


#28
Pyrene
Concen: 0.392 ng
RT: 19.24 min Scan# 1909
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:202 Resp: 7254

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.1	13.9	20.9



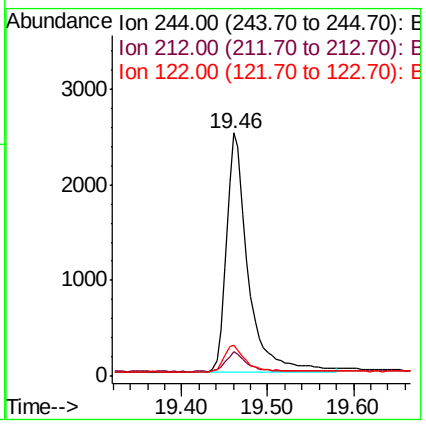


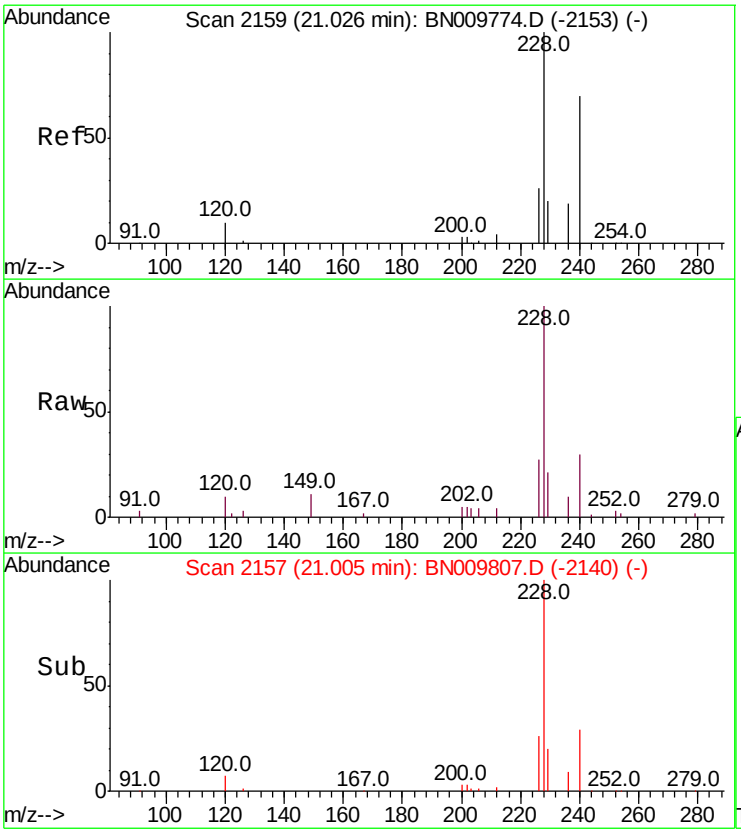
#29
Terphenyl-d14
Concen: 0.375 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4364

Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.0	12.0
122	13.0	10.0	15.0

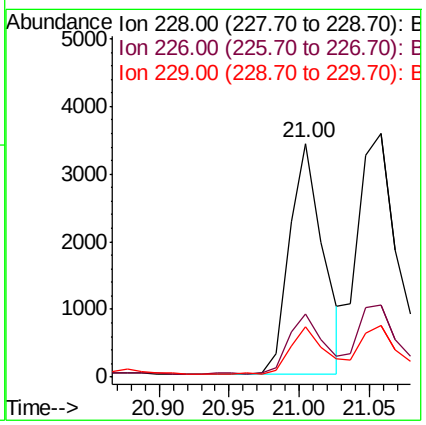


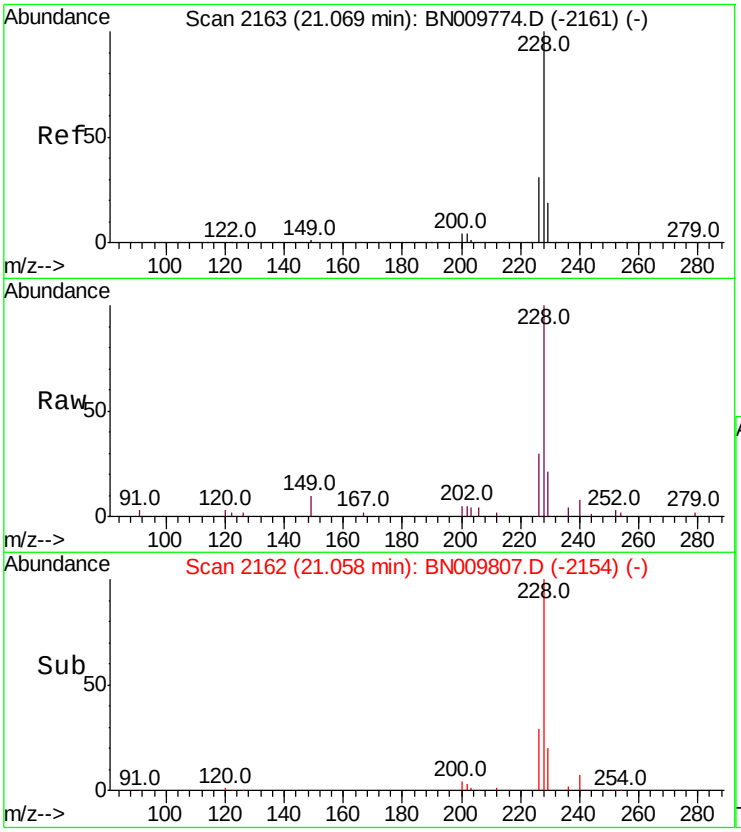


#30
Benzo(a)anthracene
Concen: 0.351 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:228 Resp: 5667

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.8
229	21.3	17.1	25.7



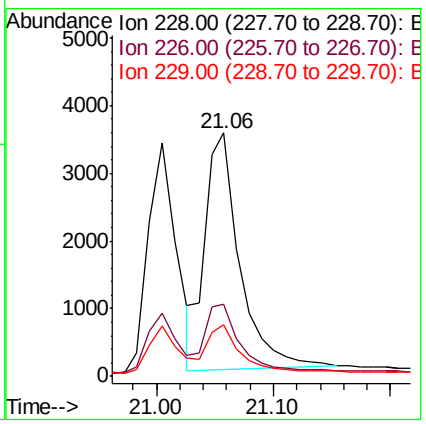


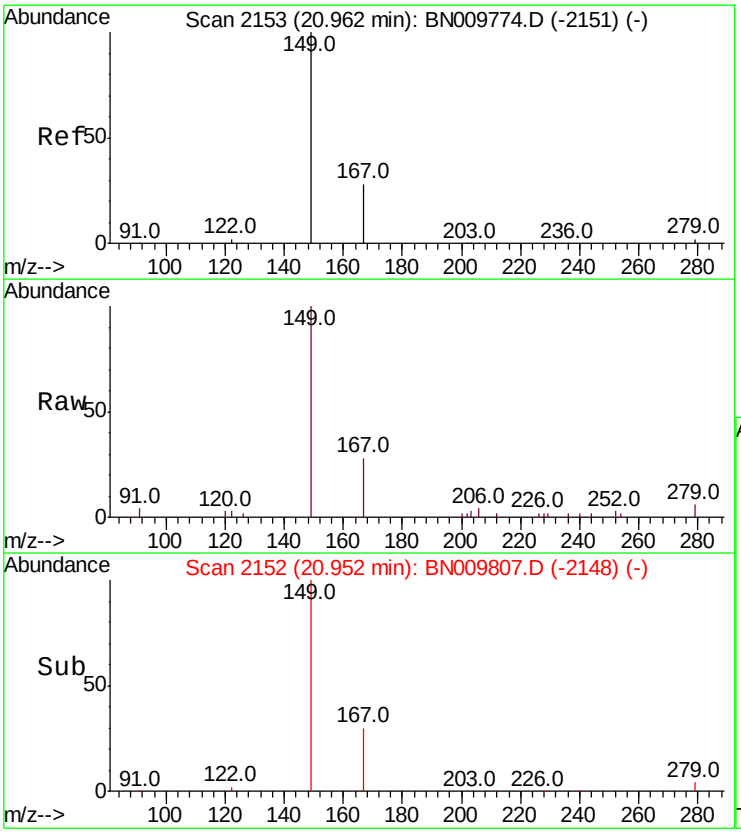
#31
Chrysene
Concen: 0.385 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 7199

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.8	37.2
229	21.2	16.4	24.6

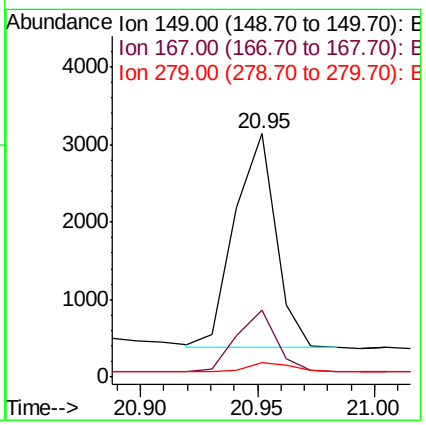


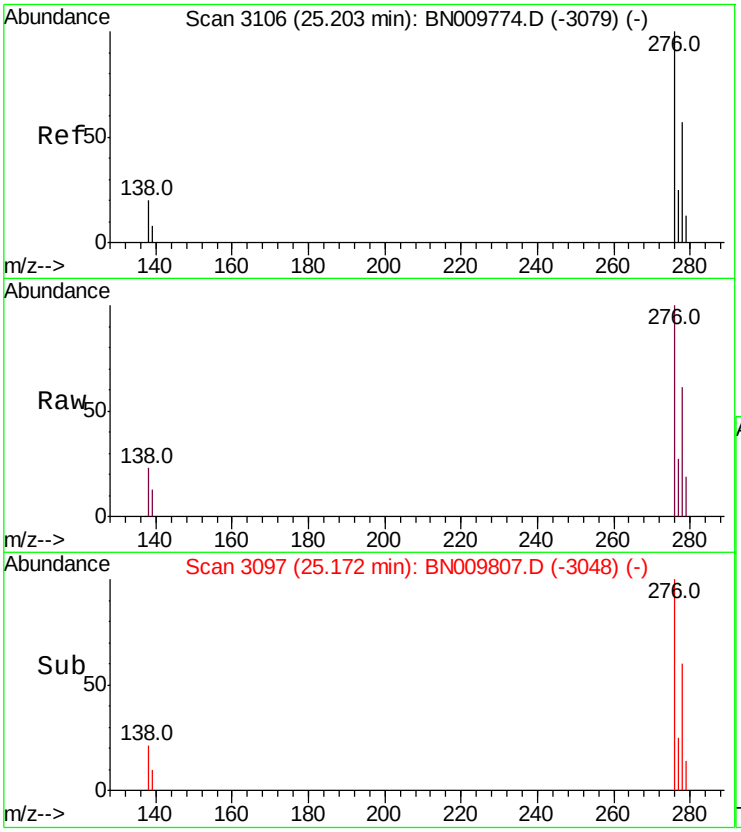


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.429 ng
RT: 20.95 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:149 Resp: 3384

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.7	34.1
279	4.4	3.1	4.7



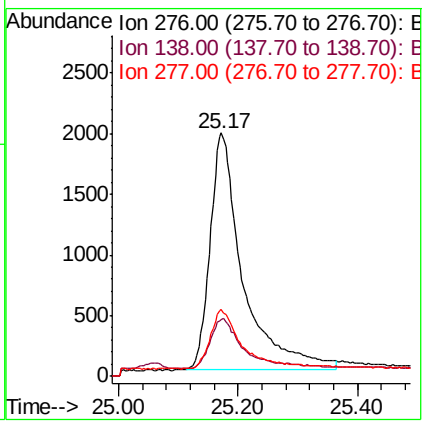


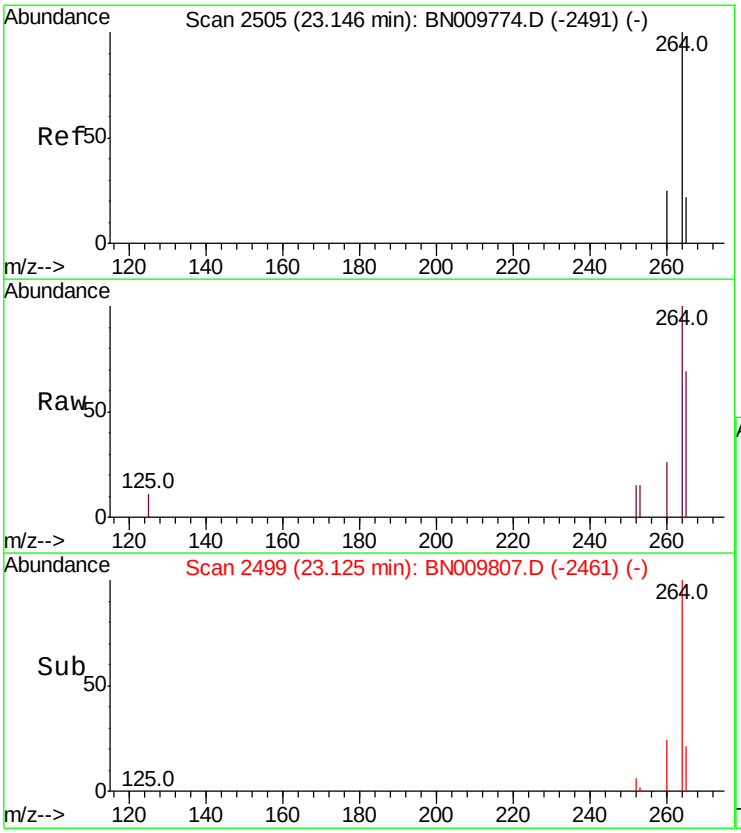
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng
RT: 25.17 min Scan# 3097
Delta R.T. -0.03 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7434

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.8	23.6
277	23.7	19.3	28.9

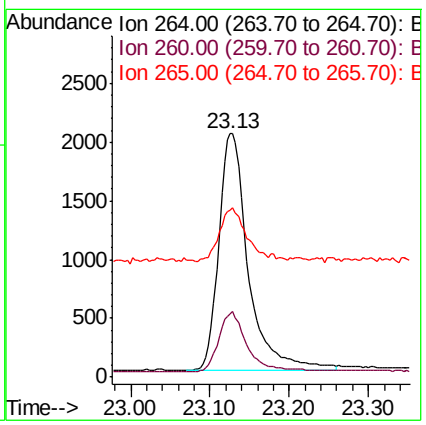


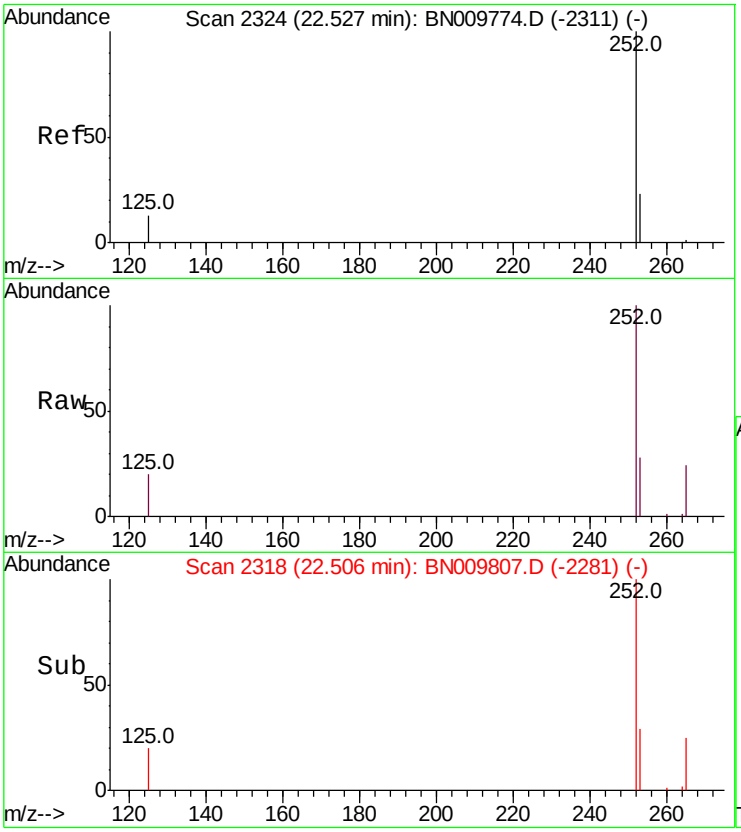


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:264 Resp: 5196

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.1	31.7
265	68.6	57.5	86.3



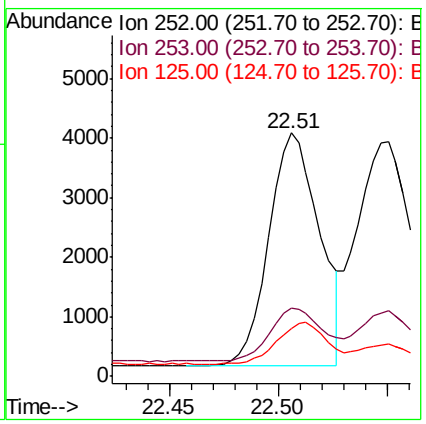


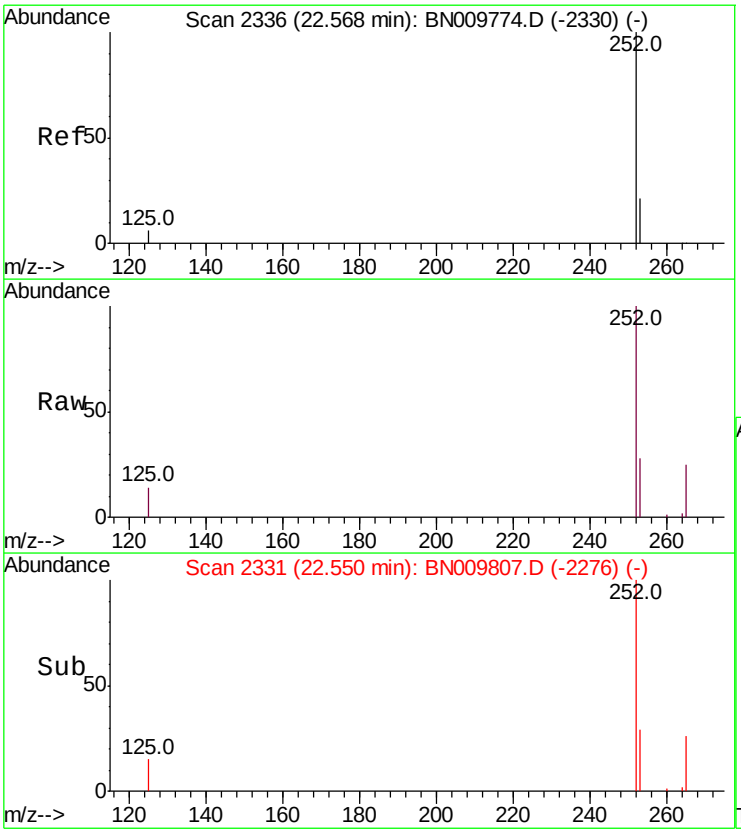
#35
Benzo(b)fluoranthene
Concen: 0.333 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6329

Ion	Ratio	Lower	Upper
252	100		
253	28.2	23.0	34.6
125	19.5	14.4	21.6

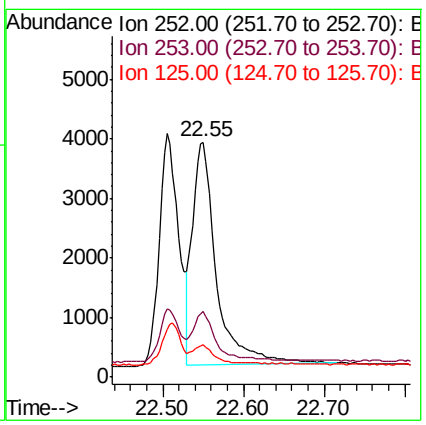


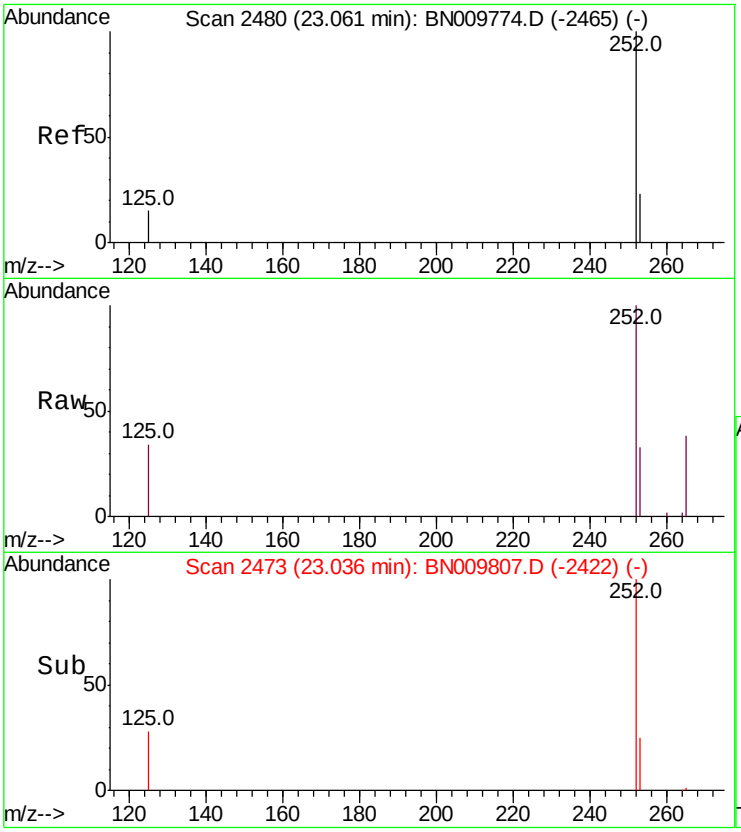


#36
Benzo(k)fluoranthene
Concen: 0.372 ng
RT: 22.55 min Scan# 2331
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:252 Resp: 7703

Ion	Ratio	Lower	Upper
252	100		
253	27.7	22.2	33.2
125	13.9	10.5	15.7



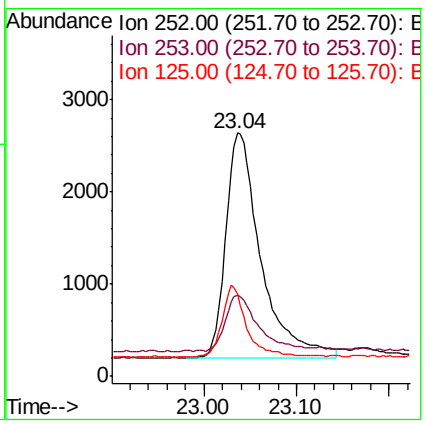


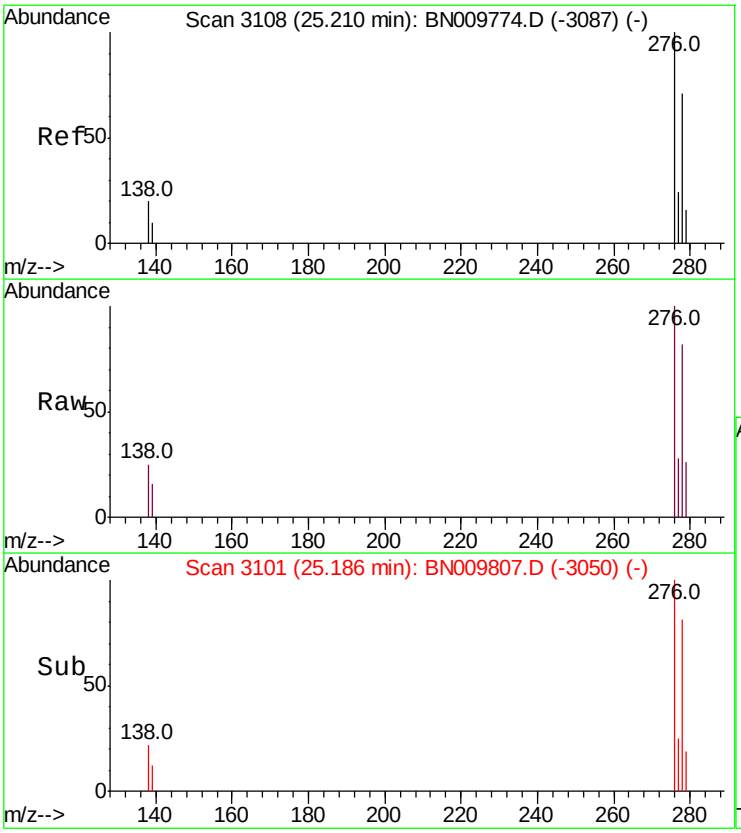
#37
Benzo(a)pyrene
Concen: 0.374 ng
RT: 23.04 min Scan# 2473
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6479

Ion	Ratio	Lower	Upper
252	100		
253	33.4	25.3	37.9
125	33.6	17.7	26.5#

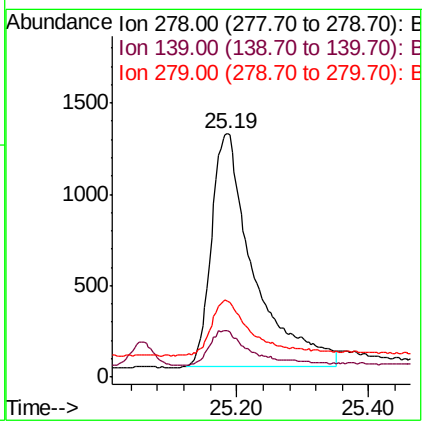


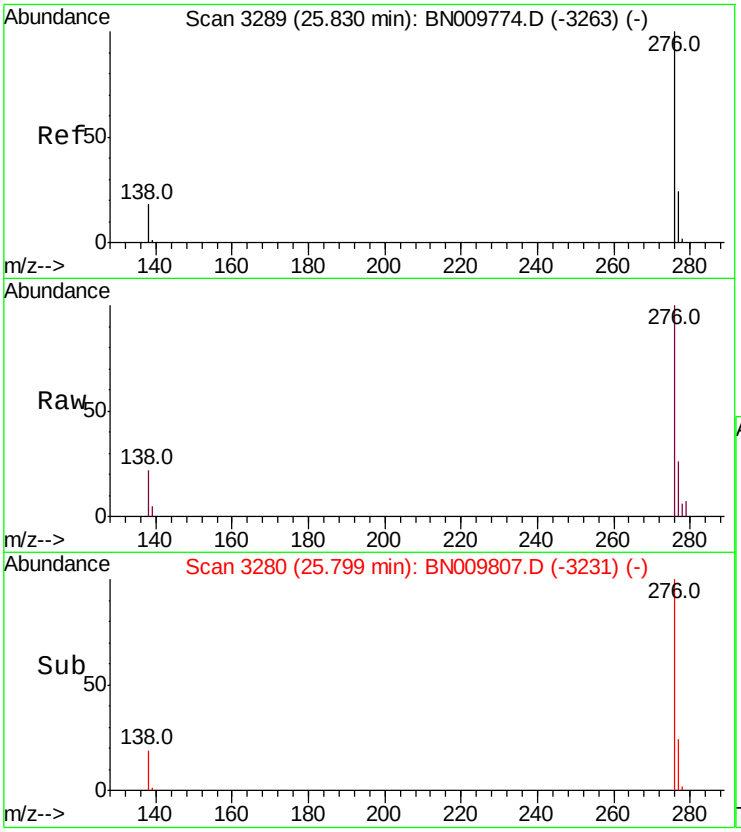


#38
Dibenzo(a,h)anthracene
Concen: 0.330 ng
RT: 25.19 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Tgt Ion:278 Resp: 5626

Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.5	21.7
279	31.3	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 0.365 ng
RT: 25.80 min Scan# 3280
Delta R.T. -0.03 min
Lab File: BN009807.D
Acq: 21 Feb 2020 14:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 6639

Ion	Ratio	Lower	Upper
276	100		
277	26.4	21.4	32.0
138	21.6	16.6	24.8