Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022120\
Data File : BN009805.D
Acq On : 21 Feb 2020 13:21
Operator : CG/JU
Sample : PB126764BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 21 16:37:27 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	7.40	152	1122	0.40	ng		-0.02
7) Naphthalene-d8	10.15	136	3805	0.40	ng		-0.03
13) Acenaphthene-d10	14.03	164	2490	0.40	ng		-0.02
19) Phenanthrene-d10	16.80	188	5598	0.40	ng		-0.01
27) Chrysene-d12	21.02	240	4995	0.40	ng		-0.02
34) Perylene-d12	23.13	264	5371	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	1045	0.42	ng		-0.02
5) Phenol-d6	6.62	99	1109	0.37	ng		-0.02
8) Nitrobenzene-d5	8.57	82	1099	0.35	ng		-0.03
11) 2-Methylnaphthalene-d10	11.76	152	2824	0.38	ng		-0.03
14) 2,4,6-Tribromophenol	15.56	330	378	0.39	ng		-0.02
15) 2-Fluorobiphenyl	12.66	172	3571	0.38	ng		-0.02
25) Fluoranthene-d10	18.84	212	7159	0.37	ng		-0.02
29) Terphenyl-d14	19.46	244	4556	0.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	466	0.406	ng		97
3) n-Nitrosodimethylamine	3.42	42	751	0.398	ng		93
6) bis(2-Chloroethyl)ether	6.86	93	984	0.333	ng		88
9) Naphthalene	10.20	128	3987	0.384	ng		99
10) Hexachlorobutadiene	10.48	225	879	0.385	ng	#	95
12) 2-Methylnaphthalene	11.84	142	2788	0.392	ng		99
16) Acenaphthylene	13.76	152	3981	0.375	ng		99
17) Acenaphthene	14.10	154	2867	0.384	ng		99
18) Fluorene	15.10	166	3732	0.379	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	938	0.187	ng	#	88
21) Hexachlorobenzene	16.11	284	1369	0.393	ng		99
22) Pentachlorophenol	16.50	266	323	0.455	ng		100
23) Phenanthrene	16.84	178	6200	0.372	ng		99
24) Anthracene	16.94	178	5101	0.362	ng		99
26) Fluoranthene	18.87	202	7347	0.368	ng		99
28) Pyrene	19.24	202	7497	0.395	ng		100
30) Benzo(a)anthracene	21.00	228	6258	0.378	ng		98
31) Chrysene	21.06	228	6845	0.357	ng		99
32) Bis(2-ethylhexyl)phthalate	20.95	149	3426	0.424	ng		99
33) Indeno(1,2,3-cd)pyrene	25.17	276	7630	0.382	ng		98
35) Benzo(b)fluoranthene	22.51	252	6786	0.346	ng		97
36) Benzo(k)fluoranthene	22.55	252	7685	0.359	ng		99
37) Benzo(a)pyrene	23.04	252	6720	0.375	ng	#	91
38) Dibenzo(a,h)anthracene	25.18	278	5953	0.337	ng		98
39) Benzo(g,h,i)perylene	25.79	276	6729	0.358	ng		98

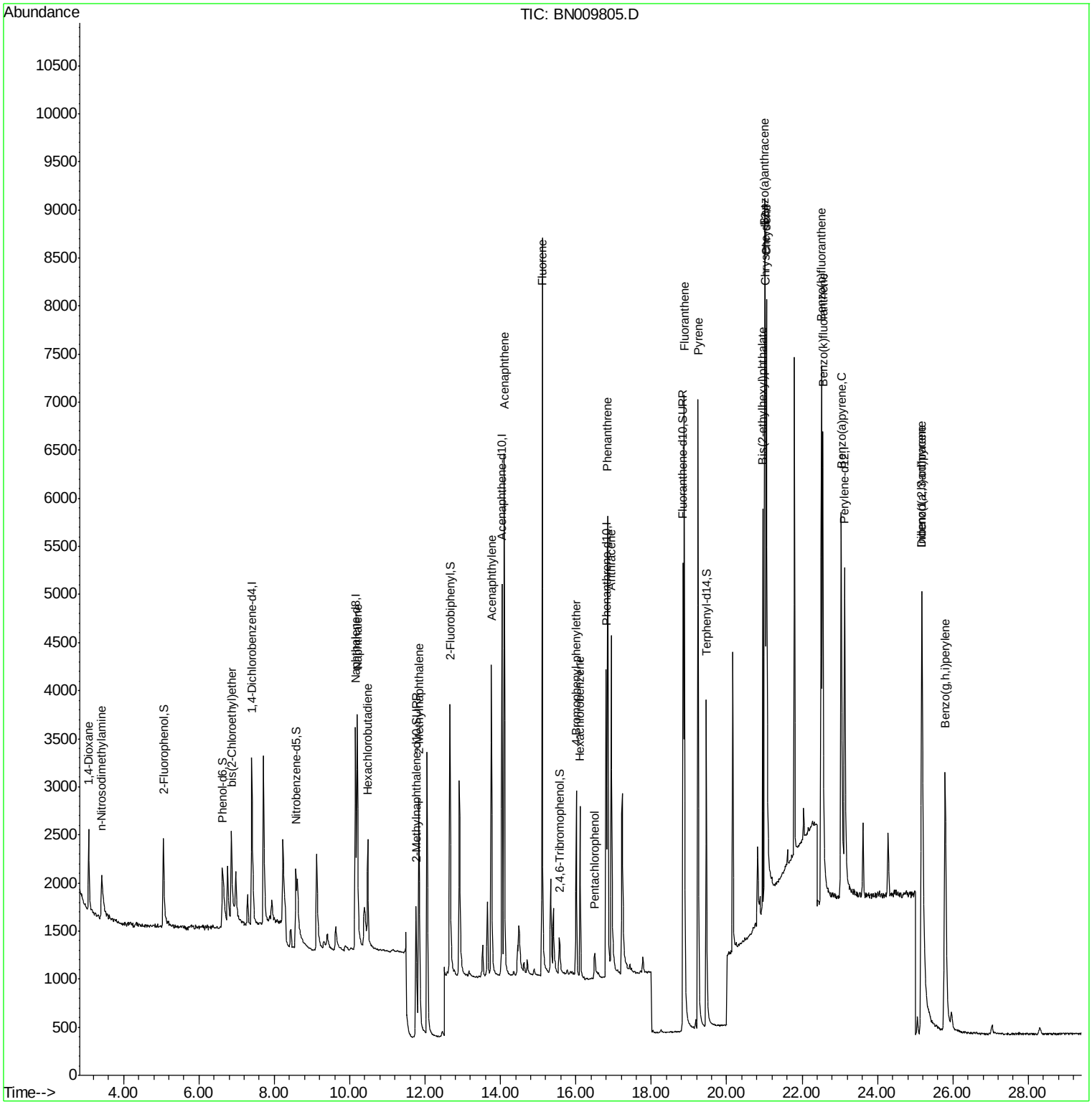
(#) = qualifier out of range (m) = manual integration (+) = signals summed

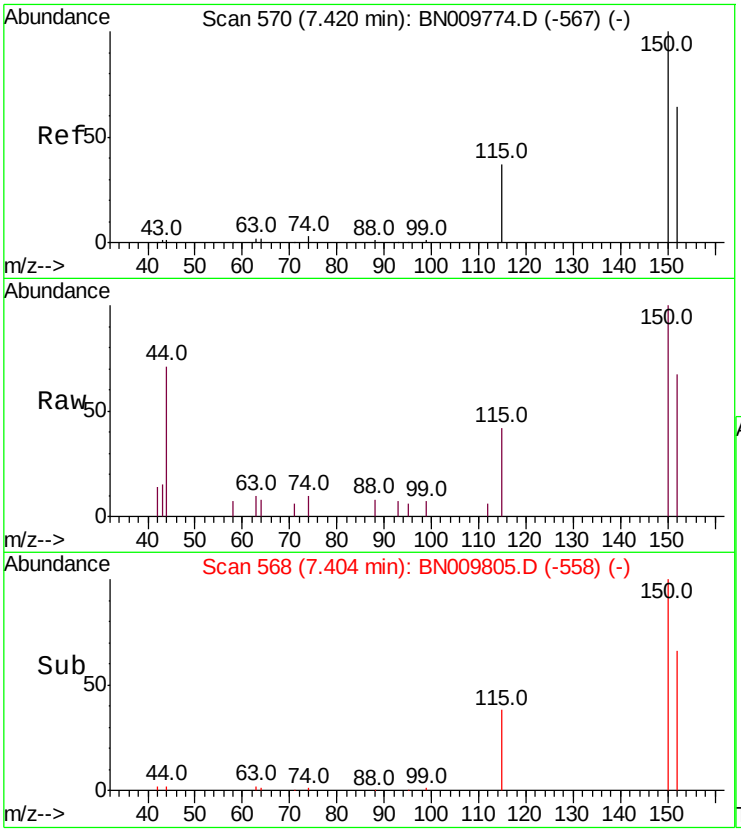
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022120\
Data File : BN009805.D
Acq On : 21 Feb 2020 13:21
Operator : CG/JU
Sample : PB126764BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 21 16:37:27 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



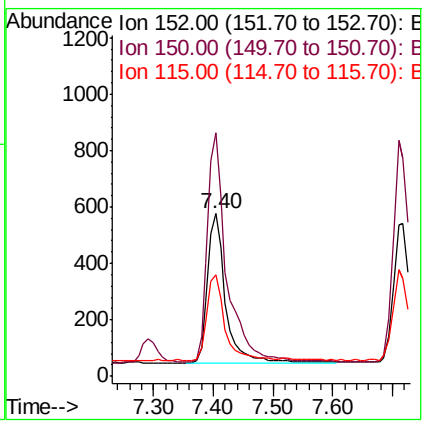


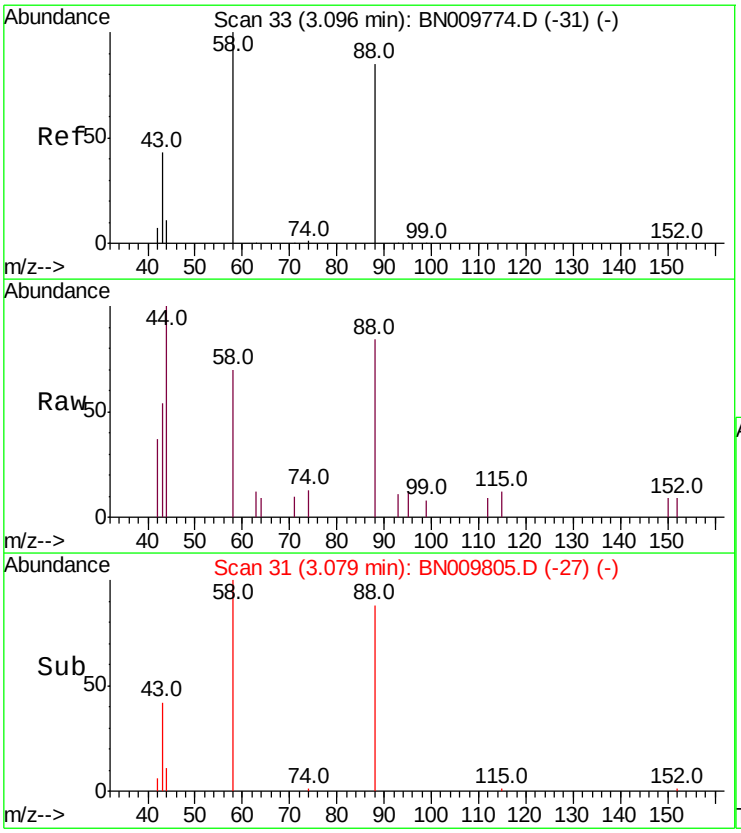
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1122

Ion	Ratio	Lower	Upper
152	100		
150	149.6	120.6	181.0
115	62.7	51.2	76.8

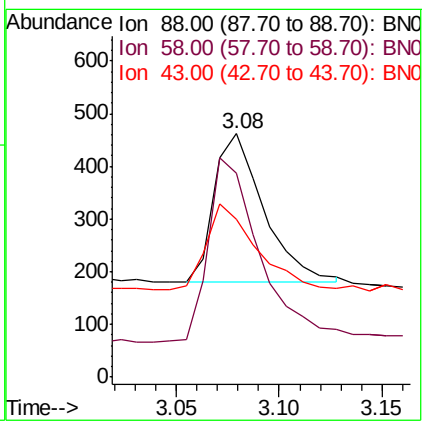


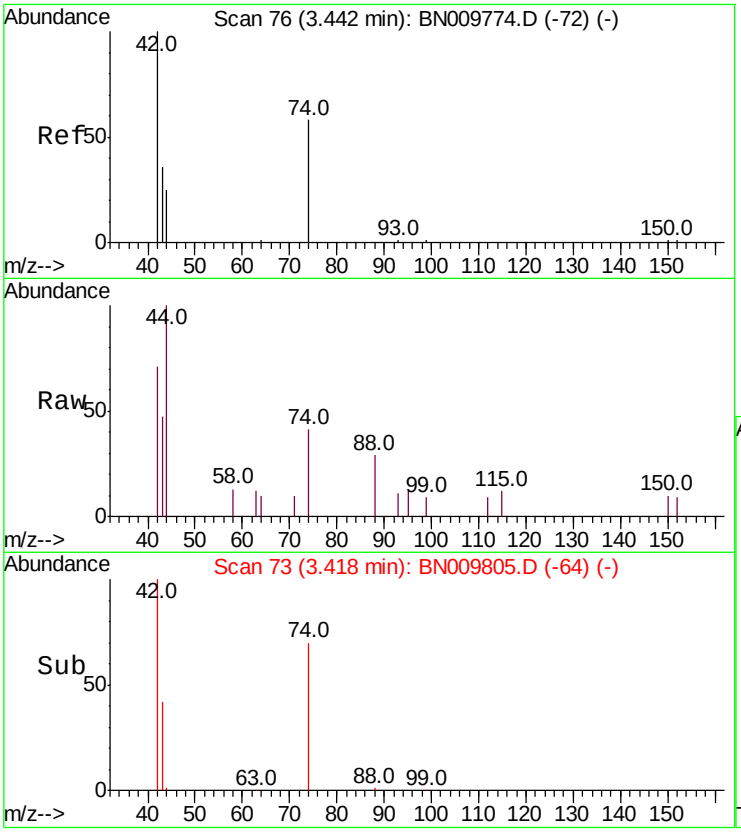


#2
1,4-Dioxane
Concen: 0.406 ng
RT: 3.08 min Scan# 31
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion: 88 Resp: 466

Ion	Ratio	Lower	Upper
88	100		
58	126.4	97.8	146.8
43	54.5	45.1	67.7



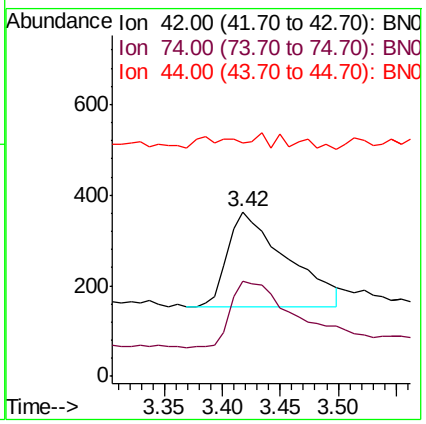


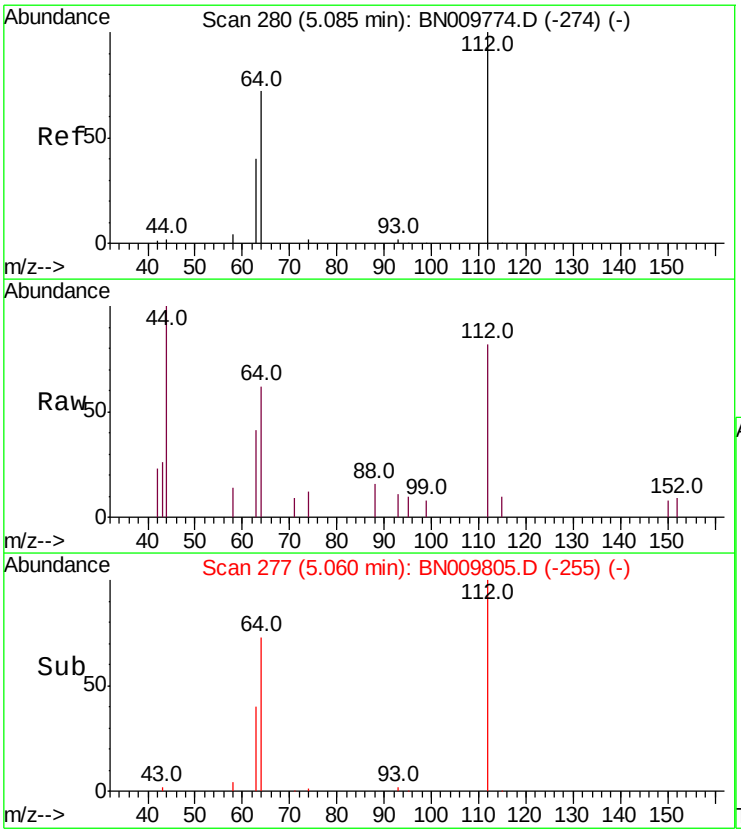
#3
n-Nitrosodimethylamine
Concen: 0.398 ng
RT: 3.42 min Scan# 73
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 751

Ion	Ratio	Lower	Upper
42	100		
74	69.4	51.2	76.8
44	3.1	2.6	4.0

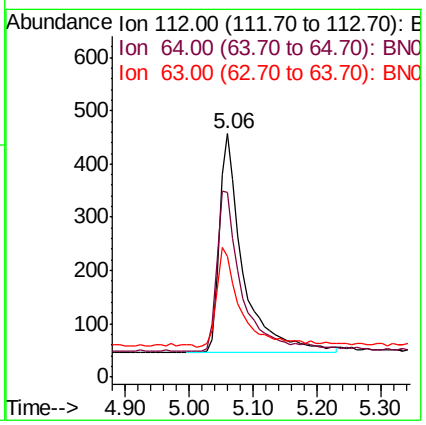


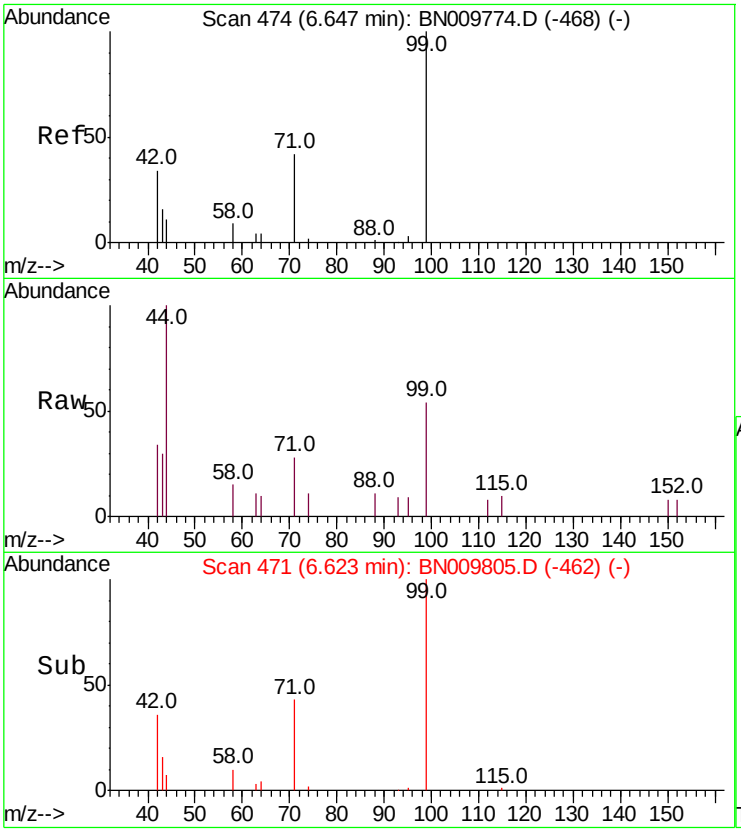


#4
2-Fluorophenol
Concen: 0.419 ng
RT: 5.06 min Scan# 277
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:112 Resp: 1045

Ion	Ratio	Lower	Upper
112	100		
64	78.8	65.8	98.6
63	46.3	38.7	58.1



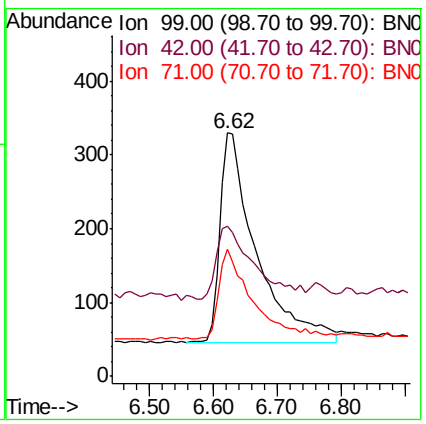


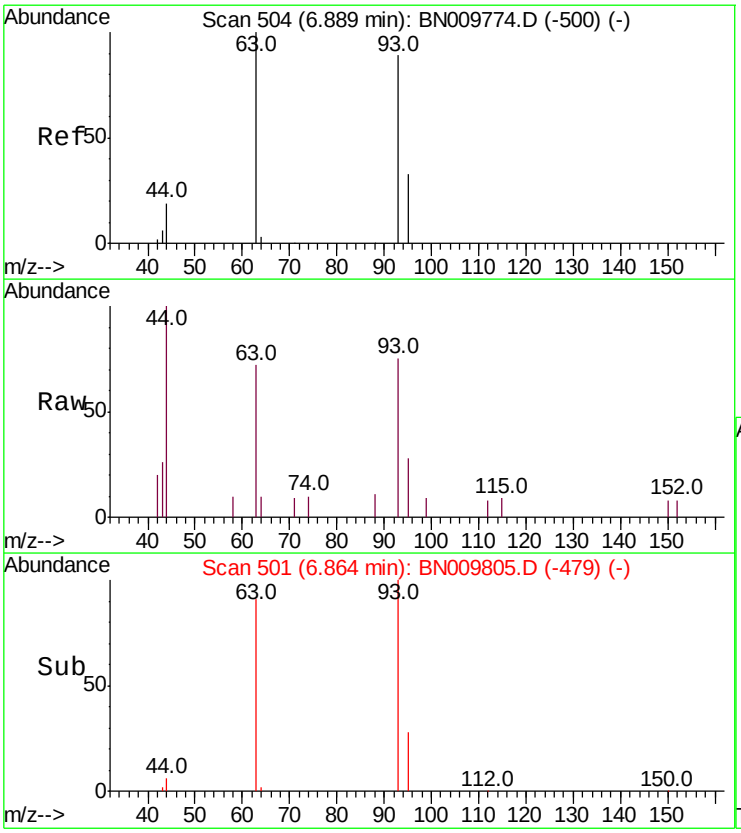
#5
Phenol-d6
Concen: 0.365 ng
RT: 6.62 min Scan# 471
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1109

Ion	Ratio	Lower	Upper
99	100		
42	37.1	30.8	46.2
71	40.1	34.9	52.3

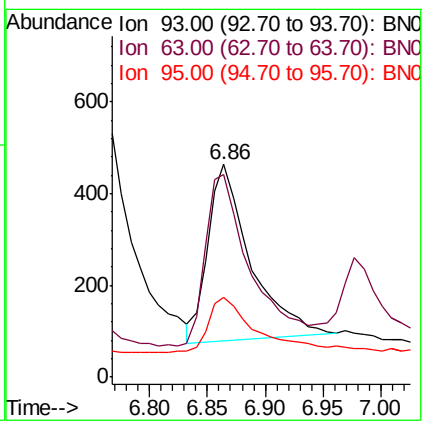


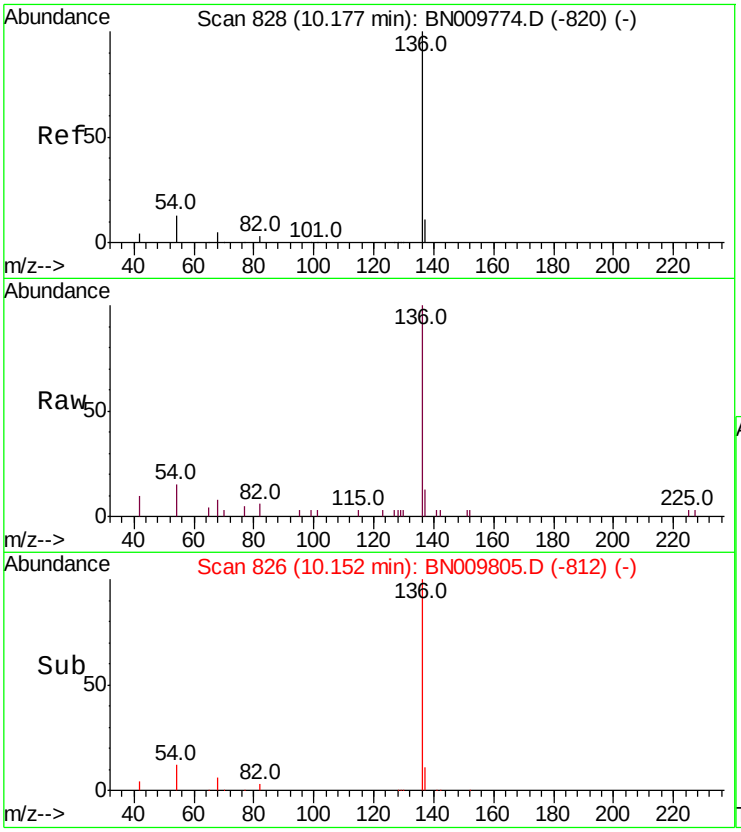


#6
bis(2-Chloroethyl)ether
Concen: 0.333 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion: 93 Resp: 984

Ion	Ratio	Lower	Upper
93	100		
63	105.2	74.0	111.0
95	38.0	26.7	40.1



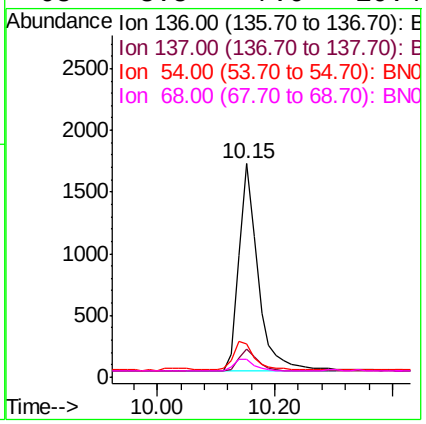


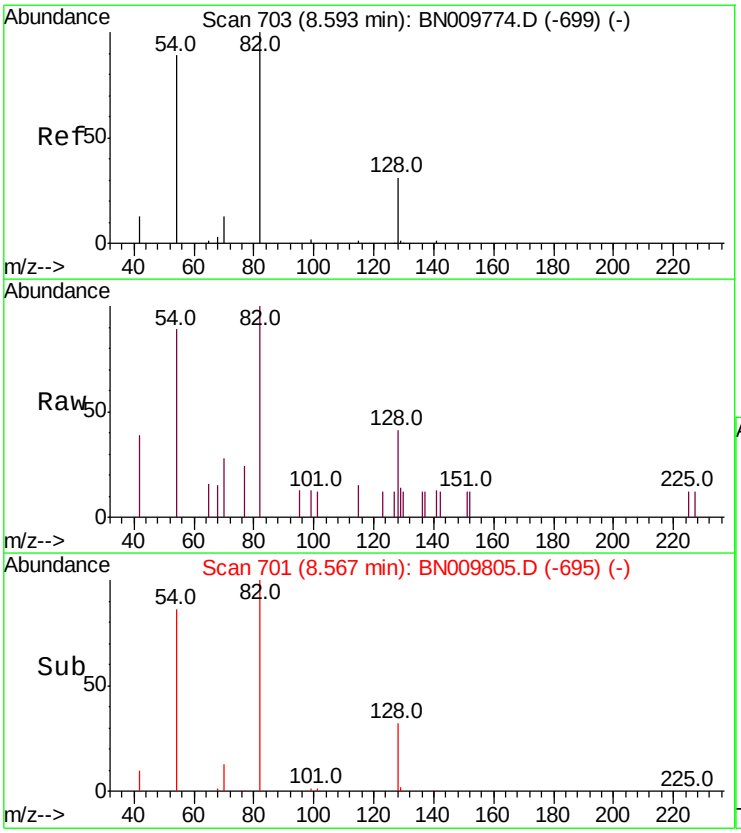
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.03 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 3805

Ion	Ratio	Lower	Upper
136	100		
137	13.4	11.3	16.9
54	15.4	13.4	20.2
68	8.5	7.0	10.4

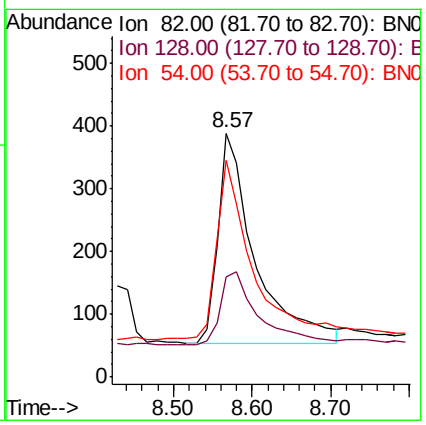


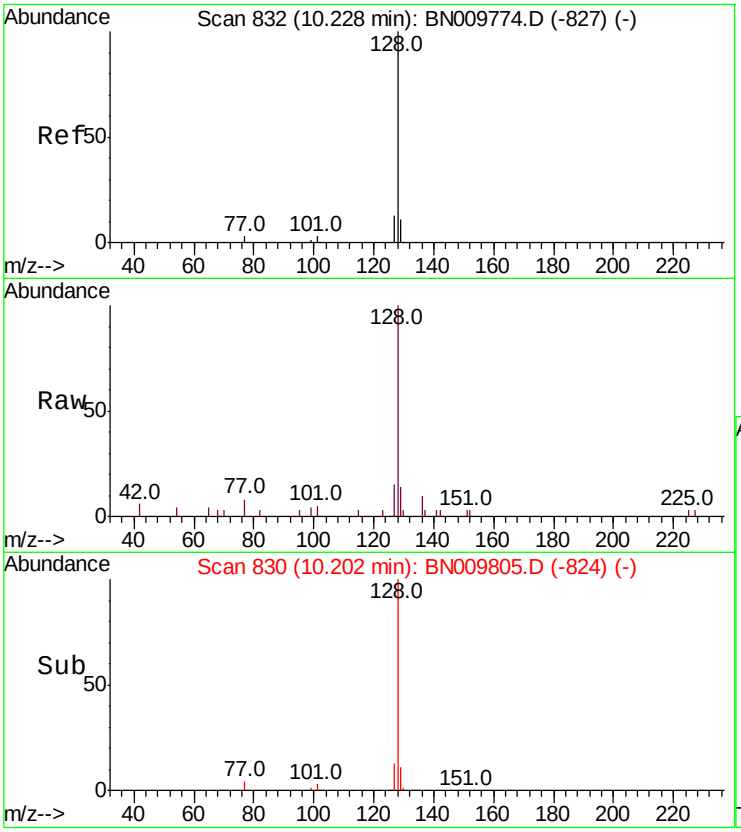


#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.57 min Scan# 701
Delta R.T. -0.03 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion: 82 Resp: 1099

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.5	48.7
54	89.2	73.5	110.3



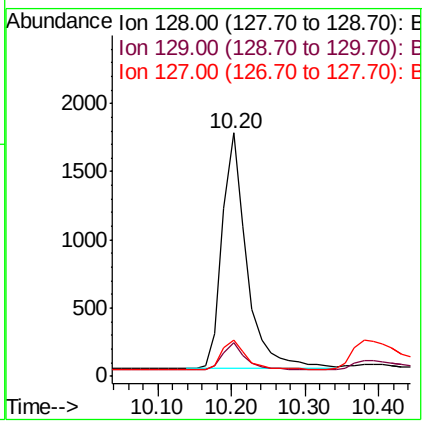


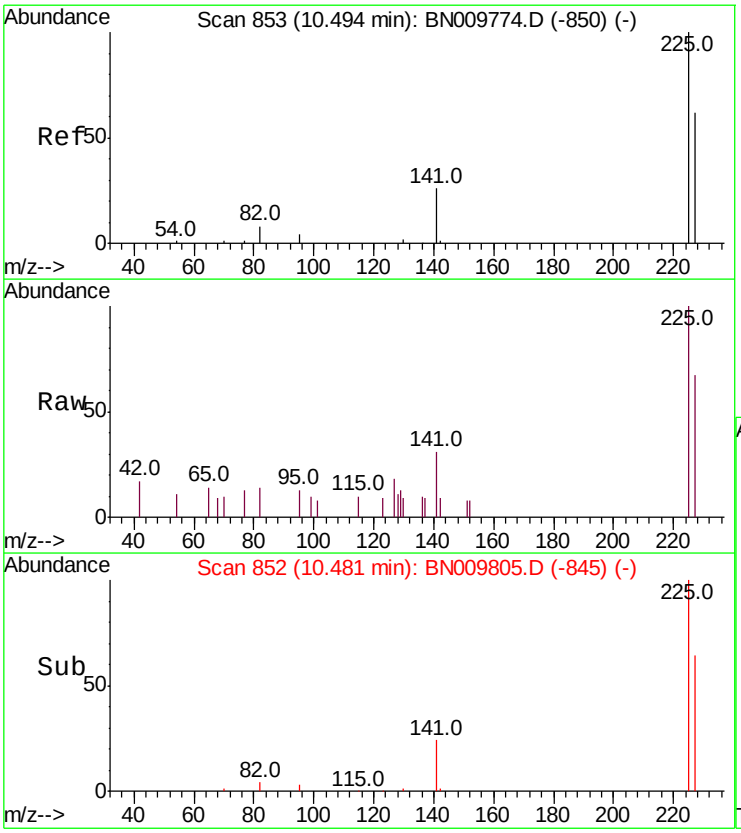
#9
Naphthalene
Concen: 0.384 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.03 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 3987

Ion	Ratio	Lower	Upper
128	100		
129	13.6	11.1	16.7
127	15.1	12.6	19.0

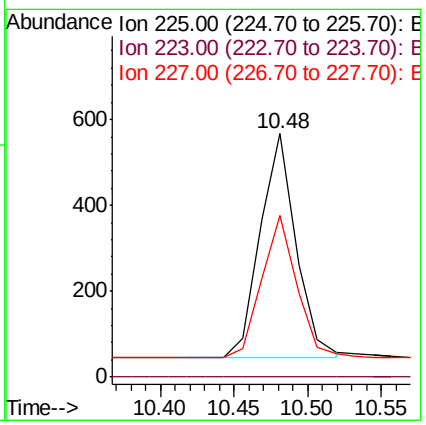


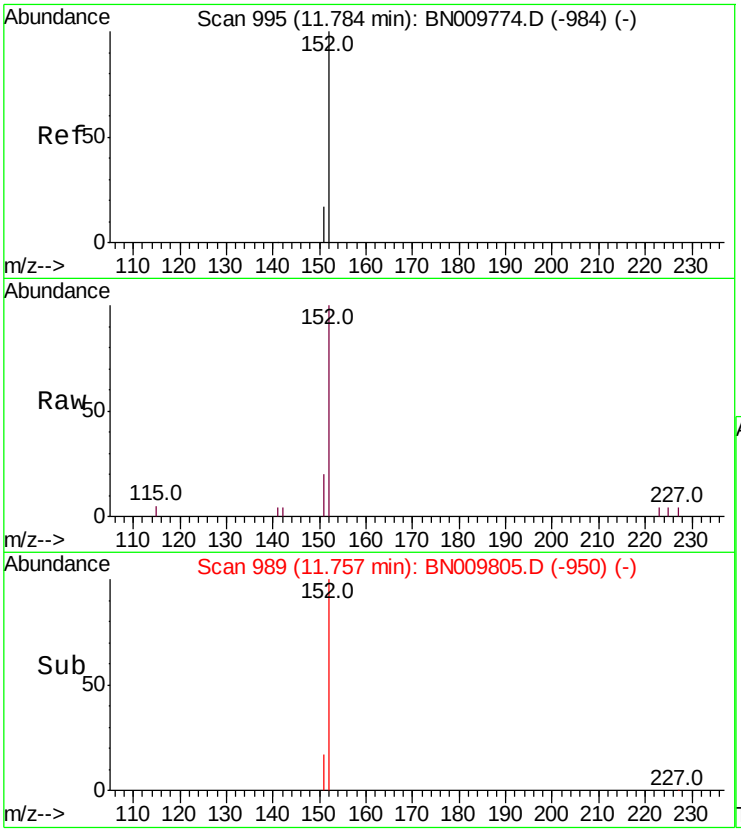


#10
Hexachlorobutadiene
Concen: 0.385 ng
RT: 10.48 min Scan# 852
Delta R.T. -0.01 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:225 Resp: 879

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	53.4	80.2



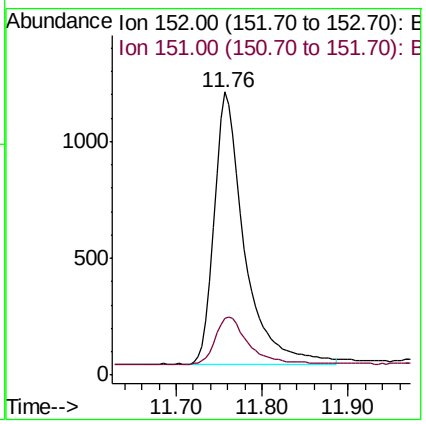


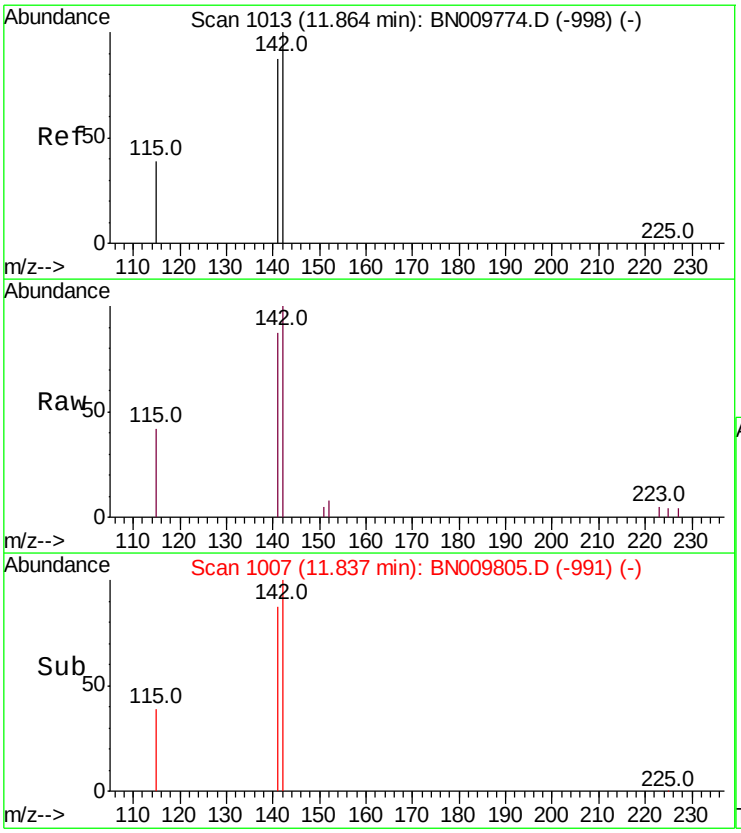
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.03 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2824

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.1	22.7

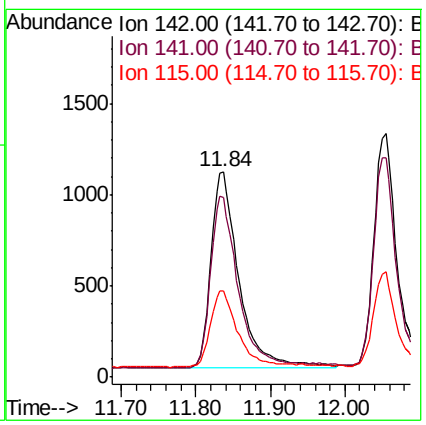


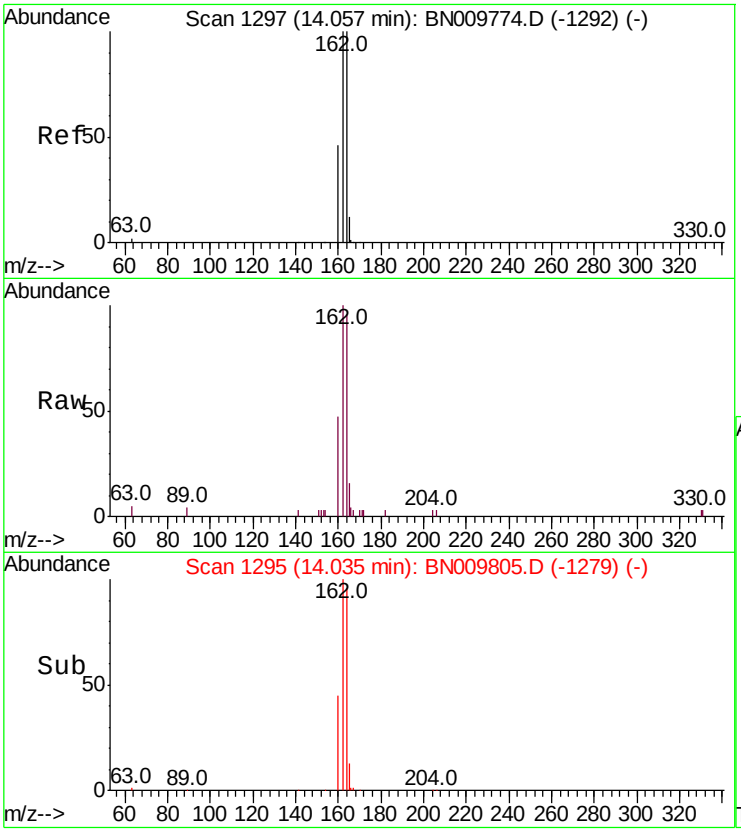


#12
2-Methylnaphthalene
Concen: 0.392 ng
RT: 11.84 min Scan# 1007
Delta R.T. -0.03 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:142 Resp: 2788

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.8	104.6
115	41.7	34.6	52.0



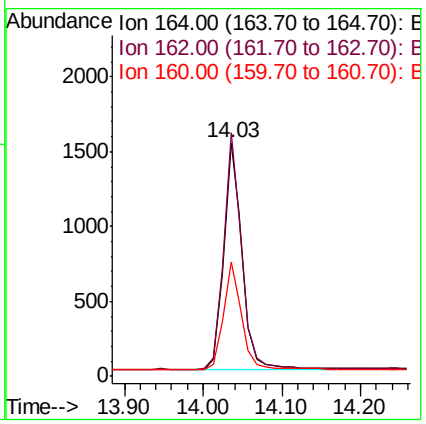


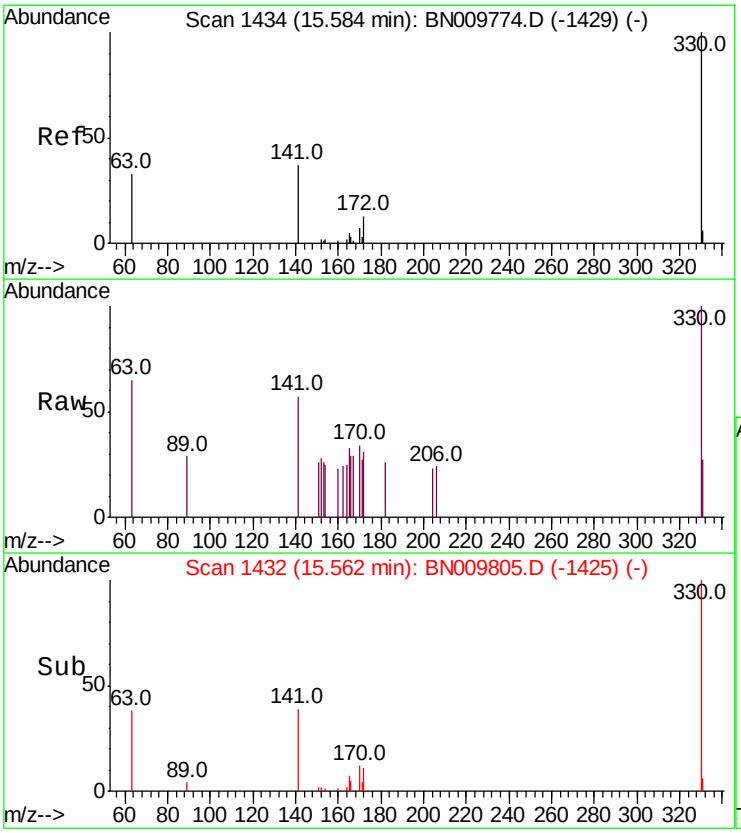
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2490

Ion	Ratio	Lower	Upper
164	100		
162	104.1	79.9	119.9
160	48.7	38.2	57.2

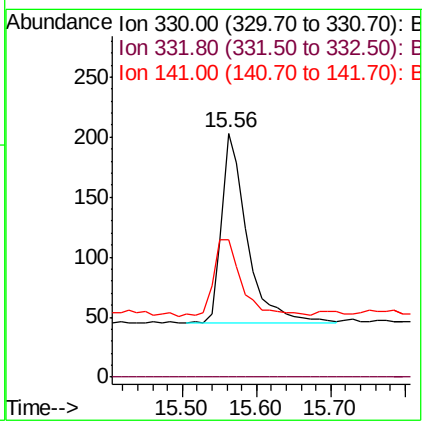


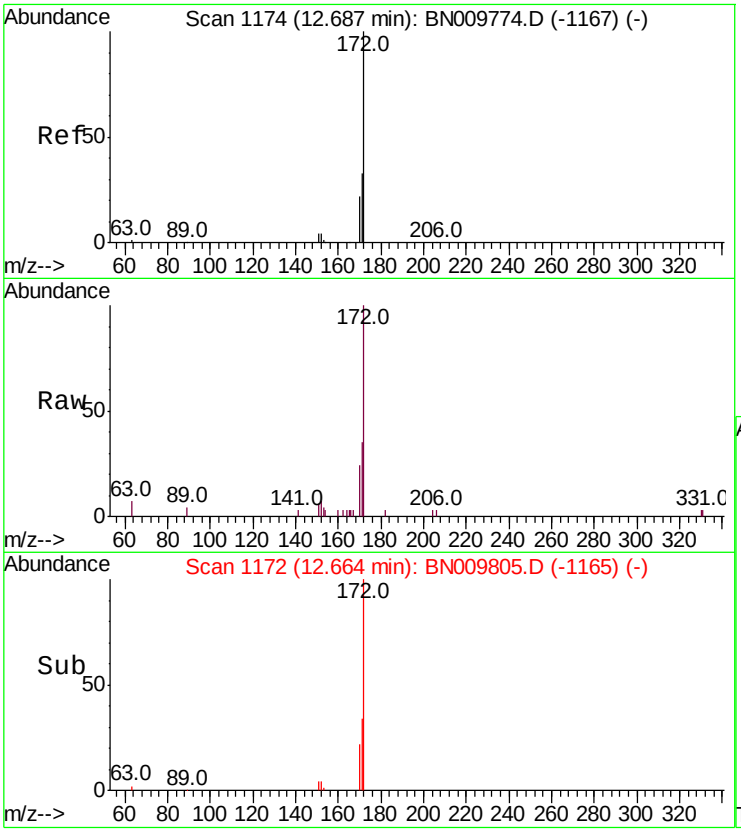


#14
2,4,6-Tribromophenol
Concen: 0.394 ng
RT: 15.56 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:330 Resp: 378

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.0	36.8	55.2



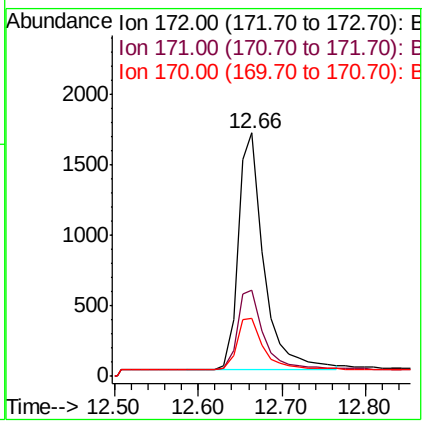


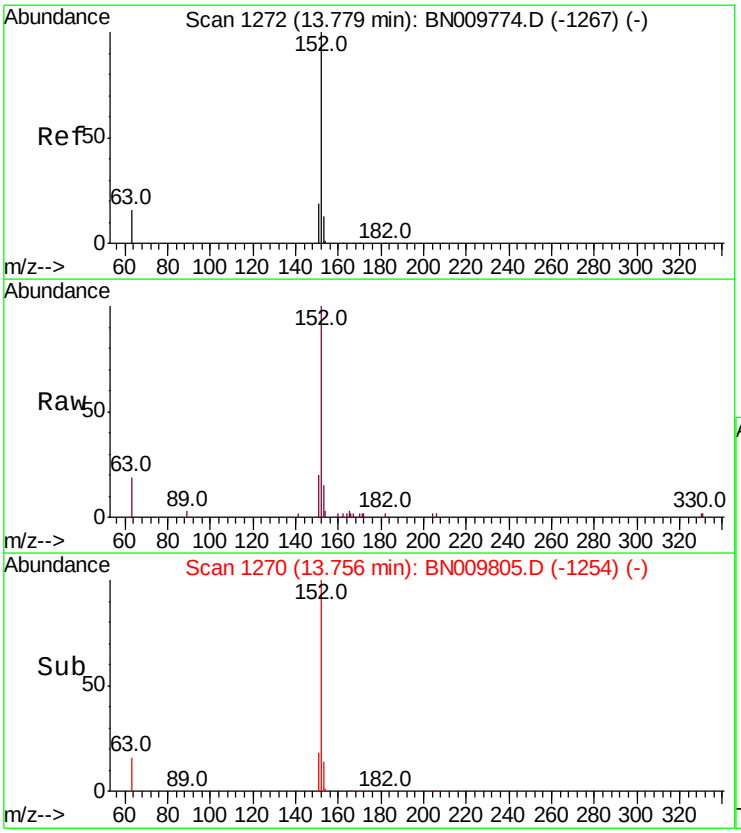
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.66 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 3571

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	24.0	20.1	30.1

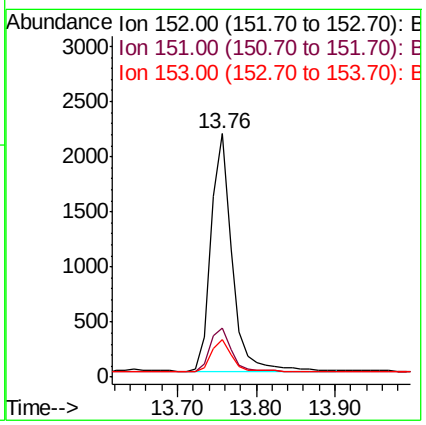


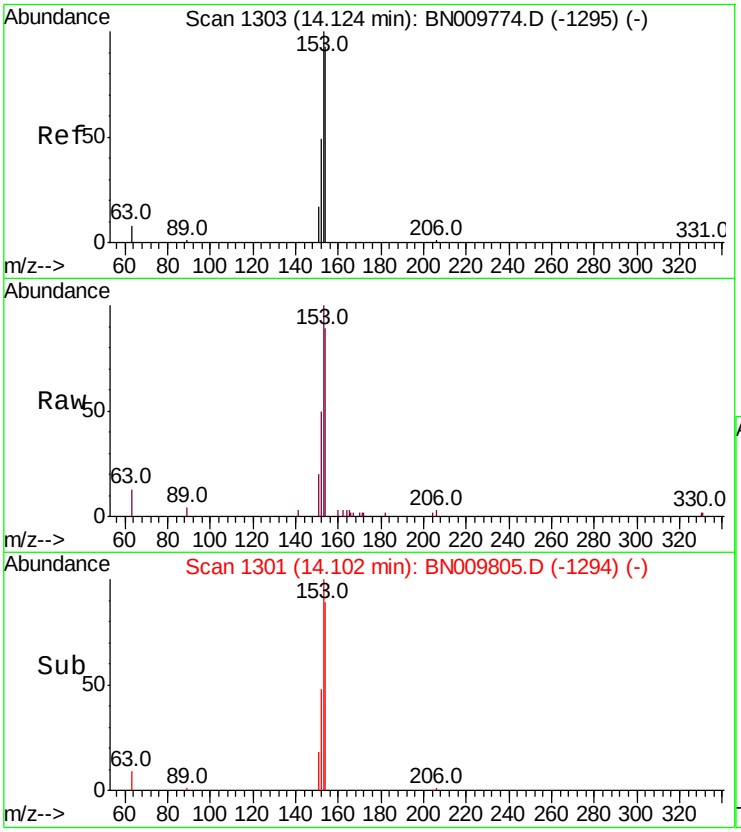


#16
Acenaphthylene
Concen: 0.375 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:152 Resp: 3981

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.7	10.2	15.4



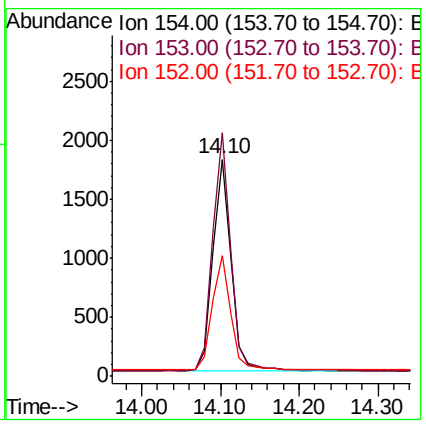


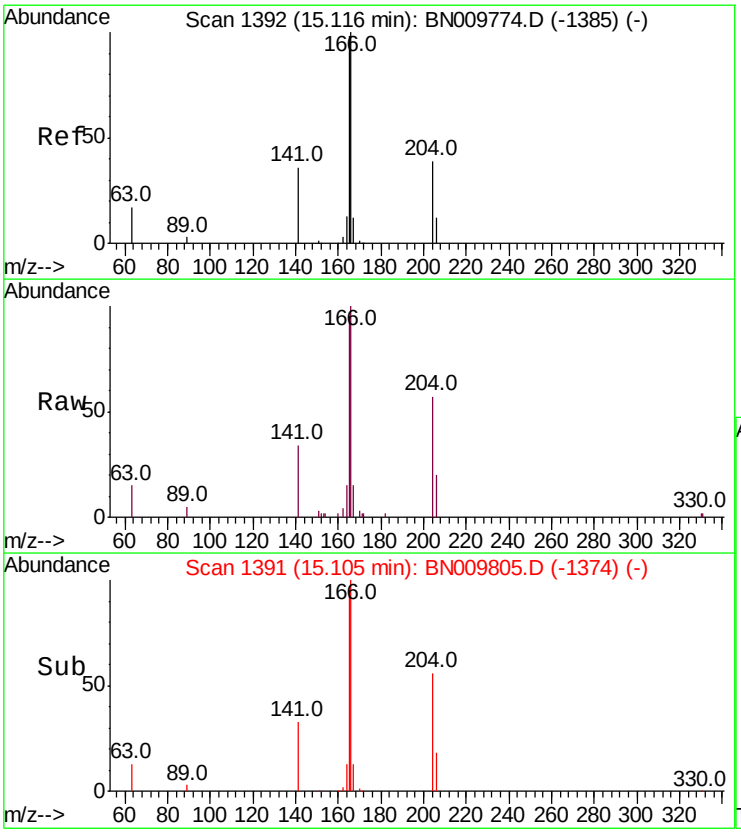
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 2867

Ion	Ratio	Lower	Upper
154	100		
153	111.6	88.9	133.3
152	55.9	44.2	66.2

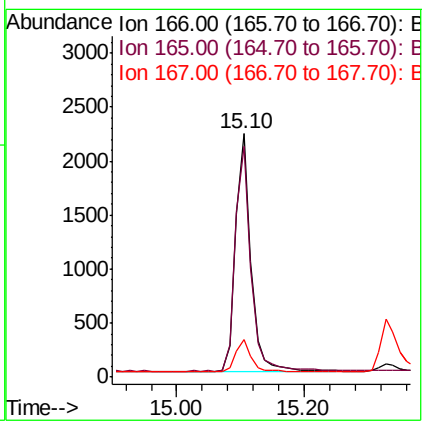


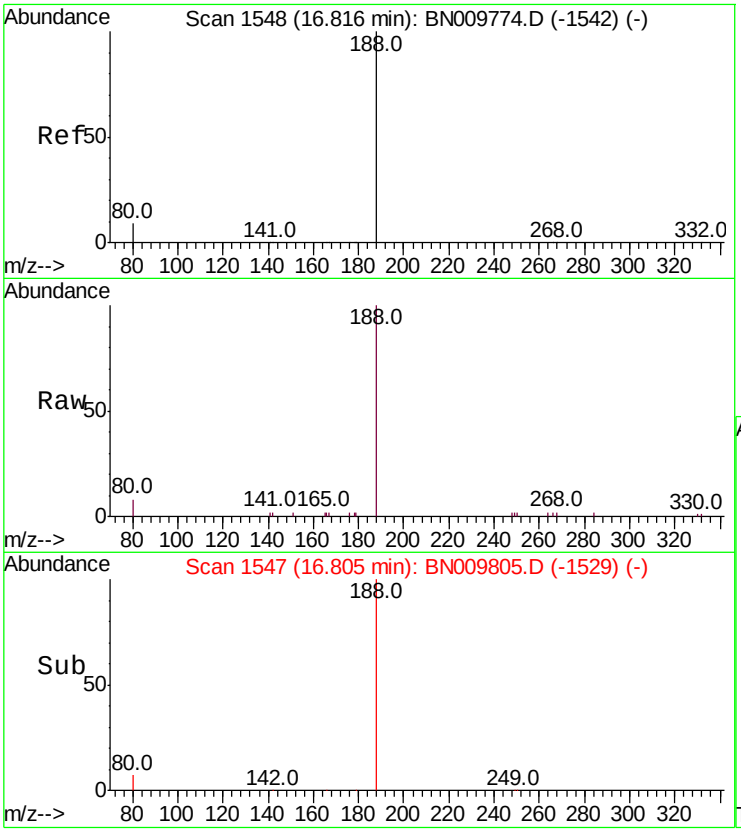


#18
Fluorene
Concen: 0.379 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:166 Resp: 3732

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



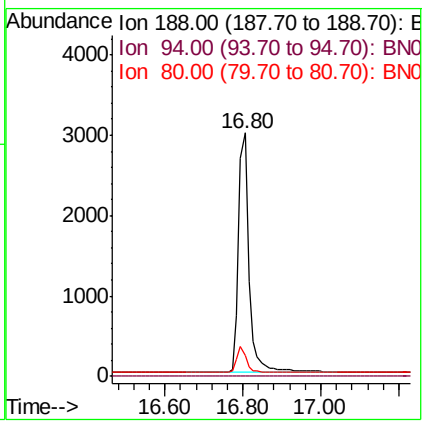


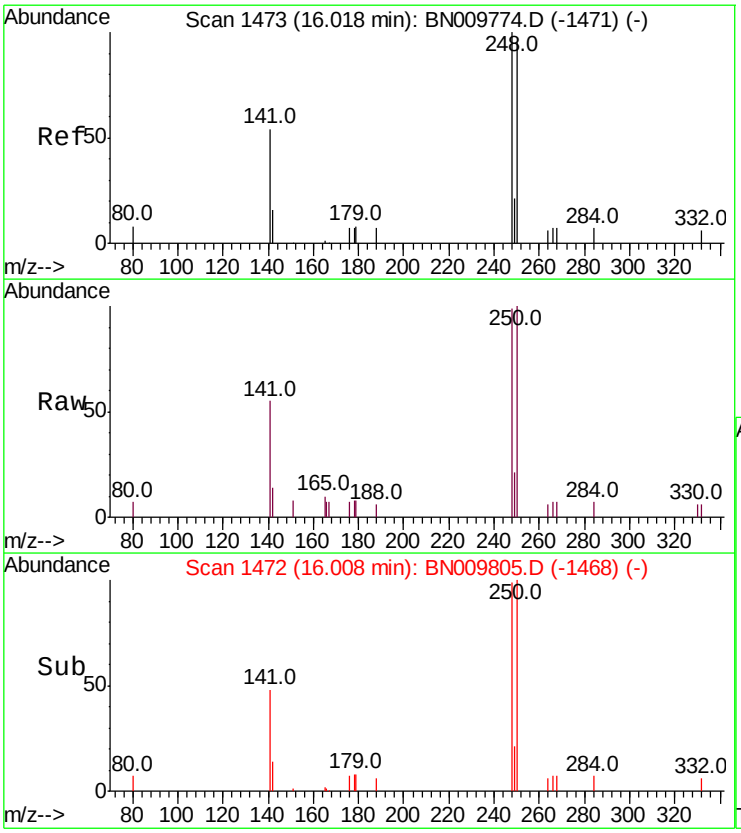
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 5598

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	8.3	12.5

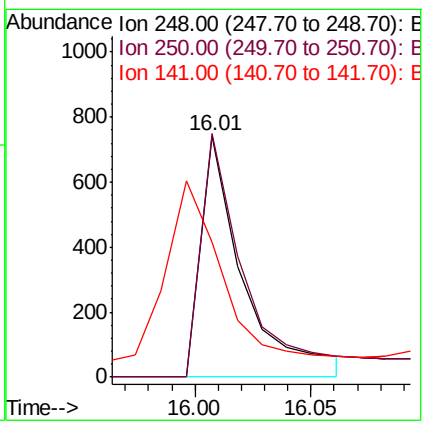


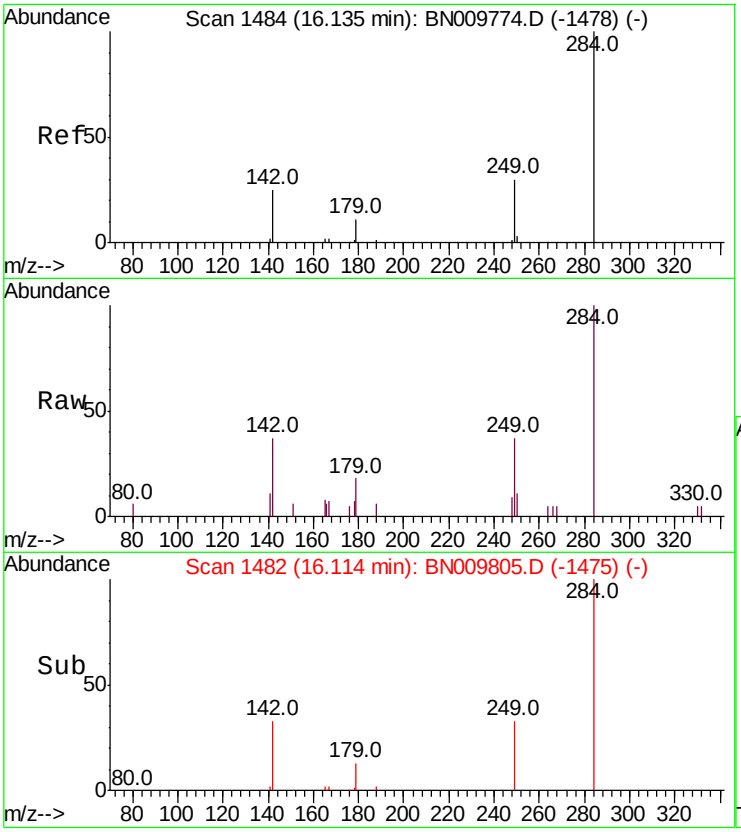


#20
4-Bromophenyl-phenylether
Concen: 0.187 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:248 Resp: 938

Ion	Ratio	Lower	Upper
248	100		
250	100.8	76.2	114.4
141	55.9	57.8	86.6#



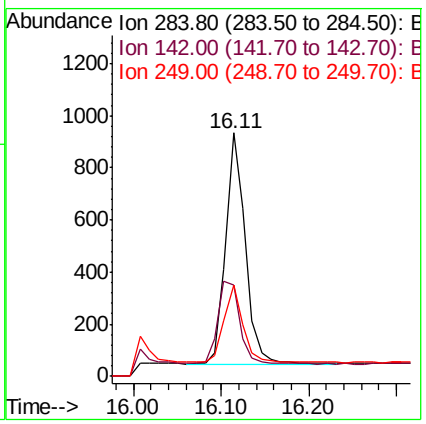


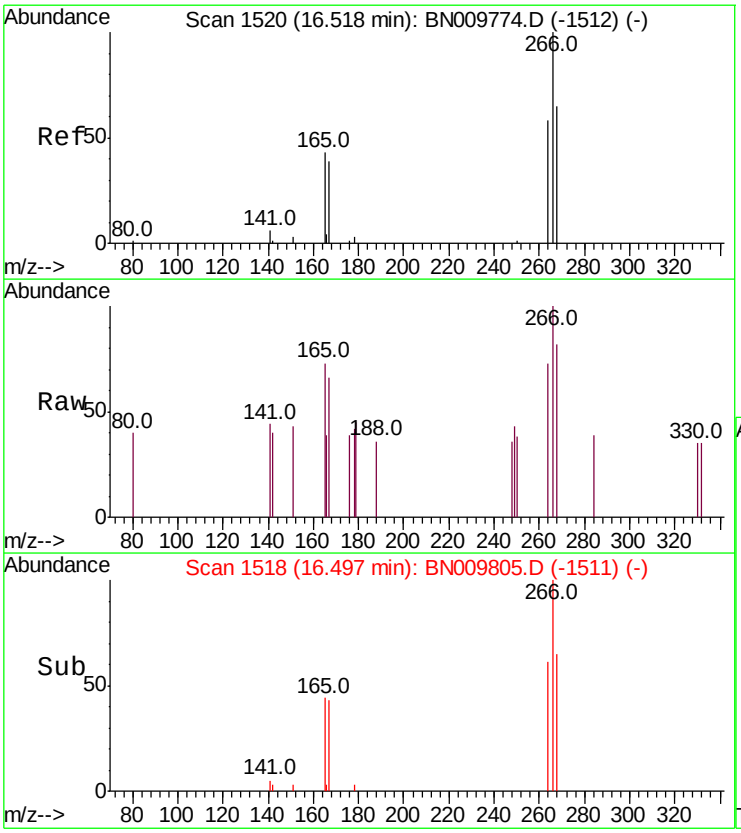
#21
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 1369

Ion	Ratio	Lower	Upper
284	100		
142	40.8	33.3	49.9
249	31.6	25.7	38.5

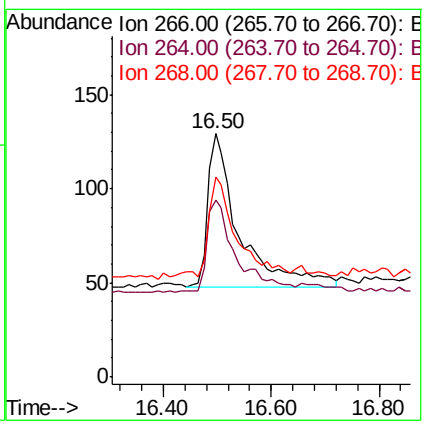


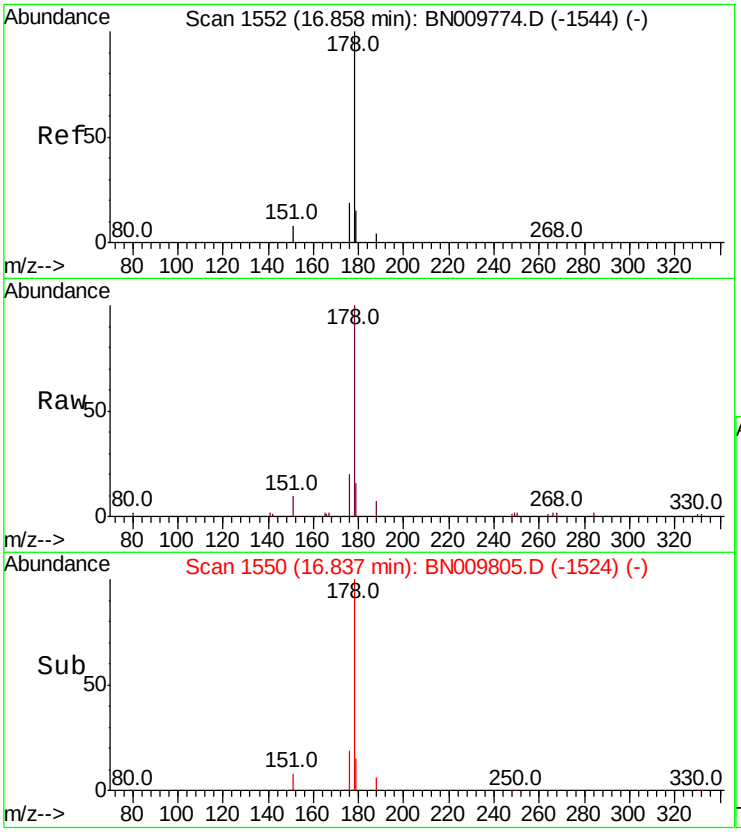


#22
Pentachlorophenol
Concen: 0.455 ng
RT: 16.50 min Scan# 1518
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:266 Resp: 323

Ion	Ratio	Lower	Upper
266	100		
264	72.9	58.1	87.1
268	82.2	65.7	98.5



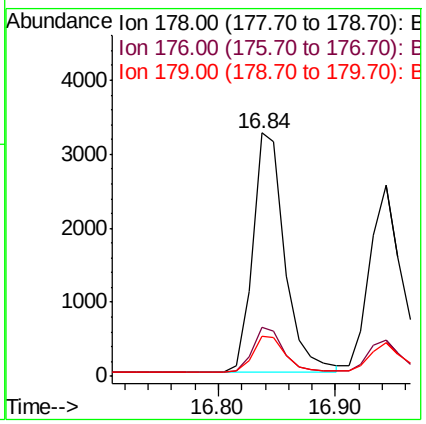


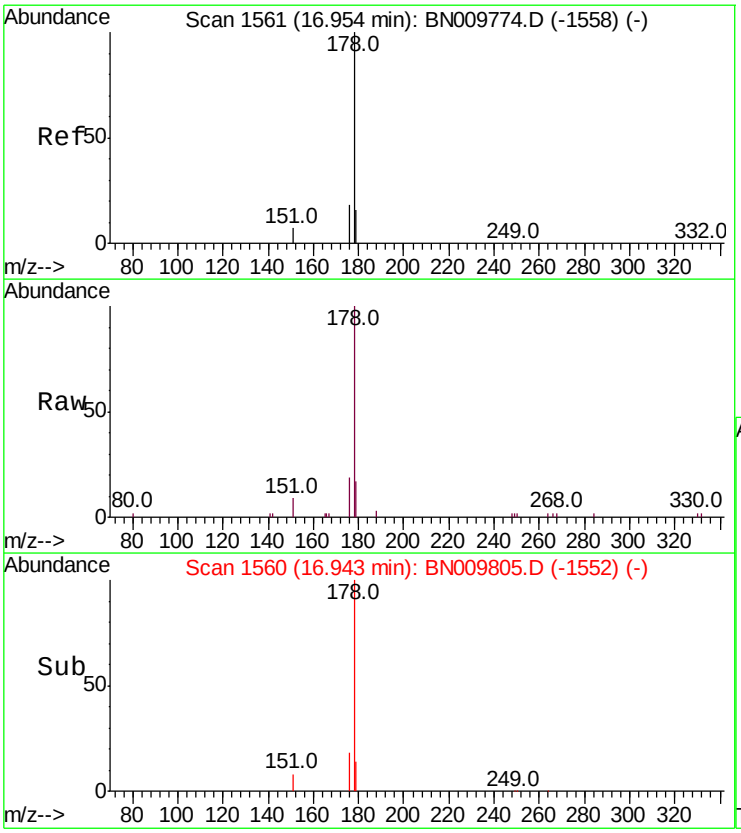
#23
Phenanthrene
Concen: 0.372 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 6200

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.3	12.4	18.6

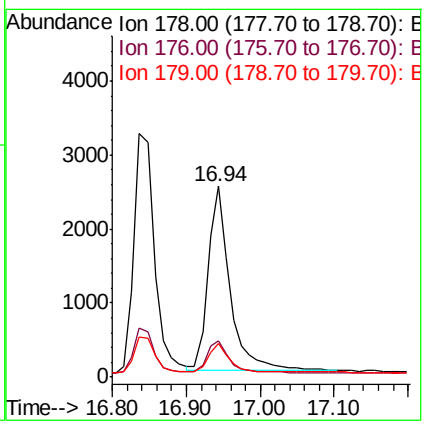


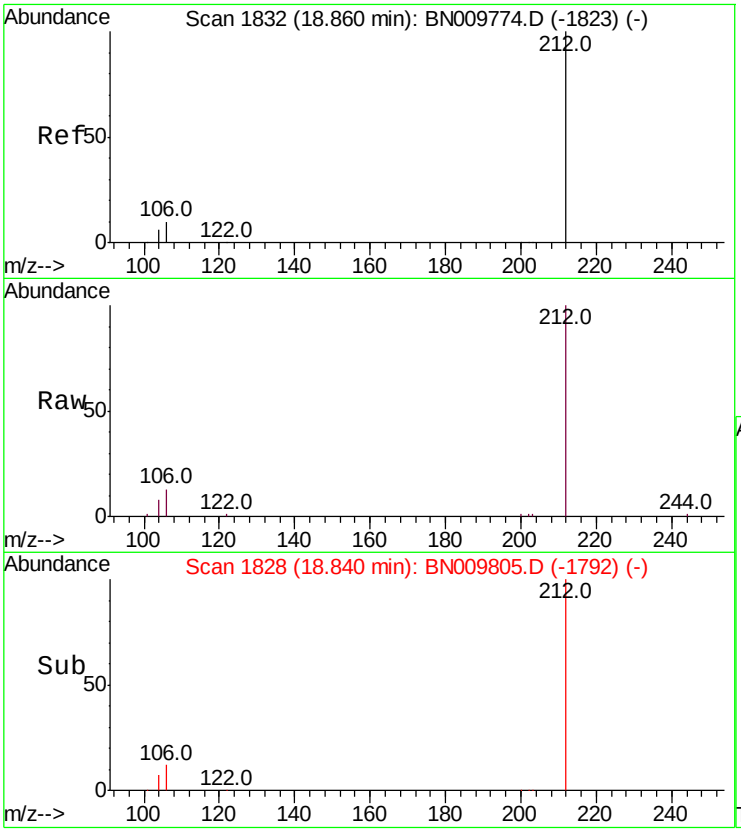


#24
Anthracene
Concen: 0.362 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:178 Resp: 5101

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.3	21.5
179	15.1	12.4	18.6



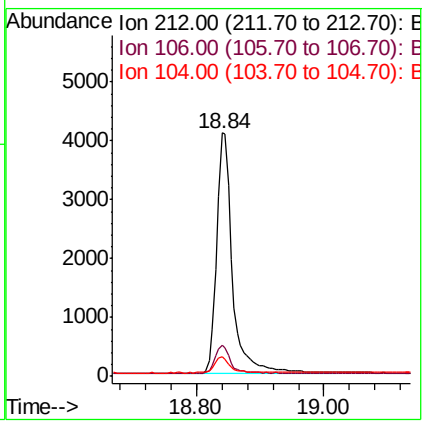


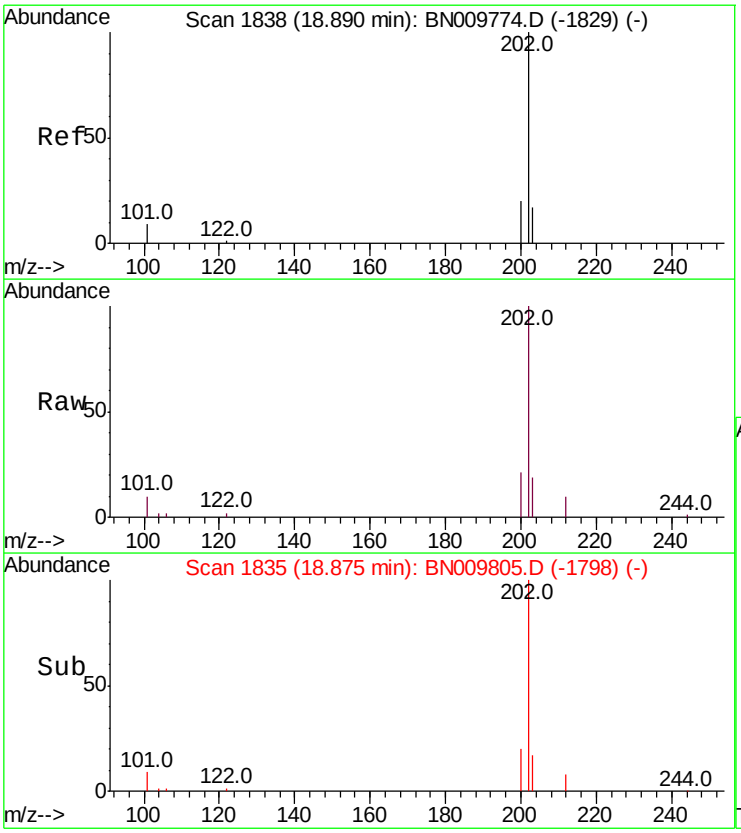
#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 18.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 7159

Ion	Ratio	Lower	Upper
212	100		
106	11.4	8.4	12.6
104	6.7	4.8	7.2

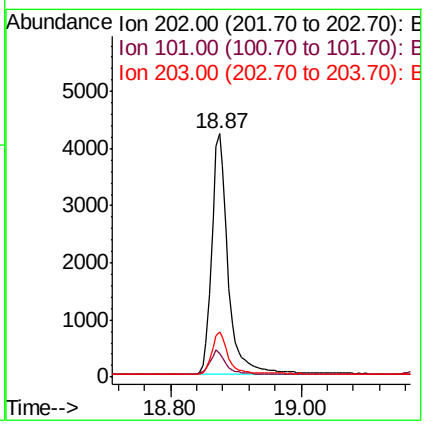


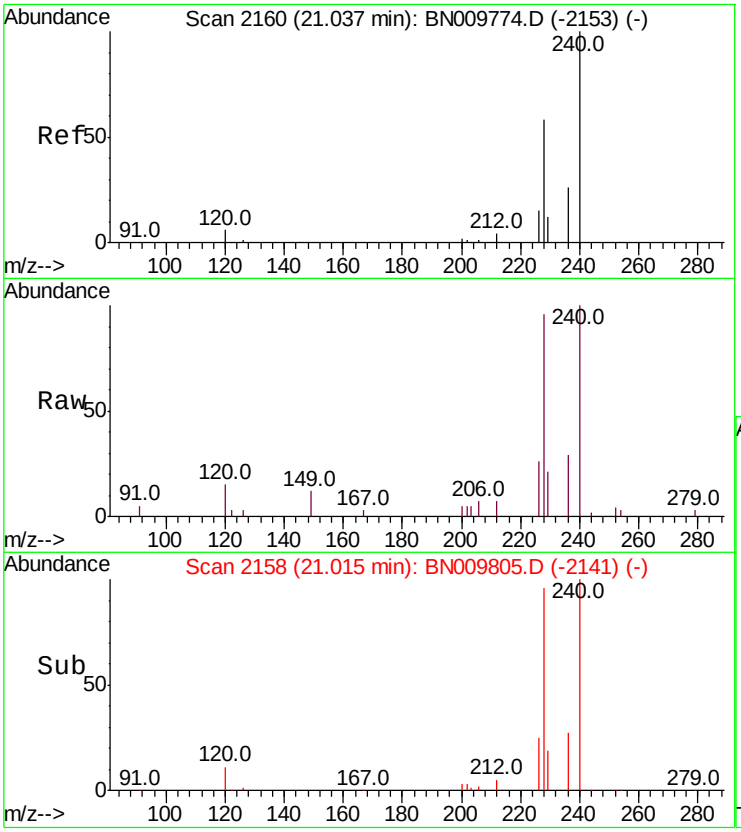


#26
Fluoranthene
Concen: 0.368 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:202 Resp: 7347

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.1	10.7
203	17.2	13.8	20.6



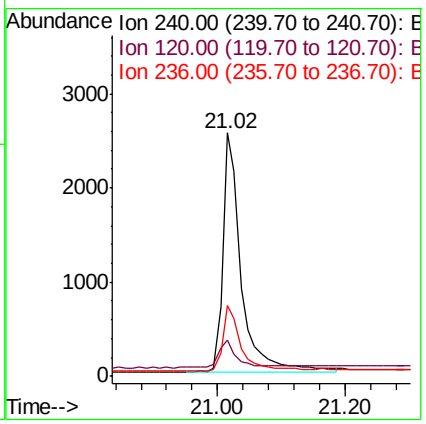


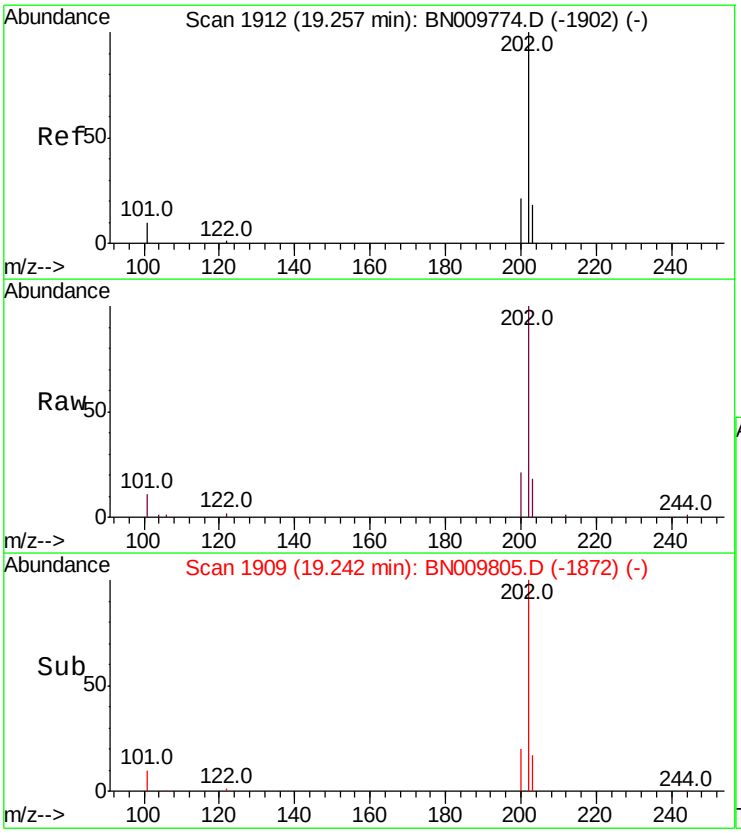
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 4995

Ion	Ratio	Lower	Upper
240	100		
120	14.7	7.9	11.9#
236	29.0	22.0	33.0

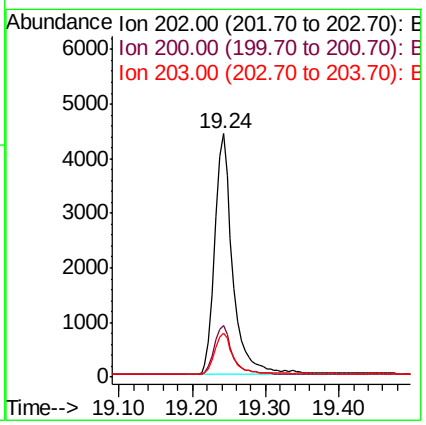


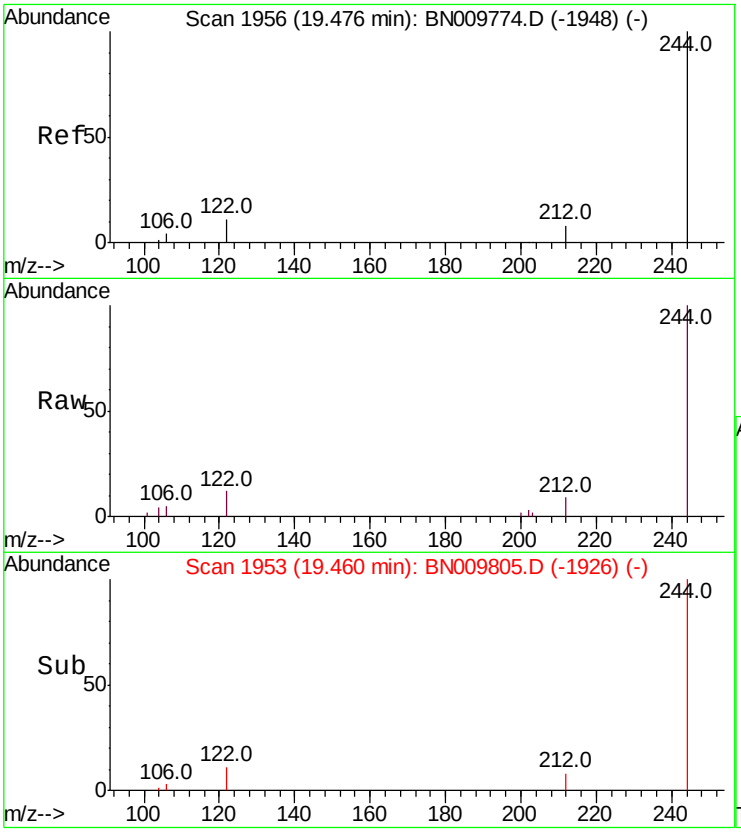


#28
Pyrene
Concen: 0.395 ng
RT: 19.24 min Scan# 1909
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:202 Resp: 7497

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.1	13.9	20.9



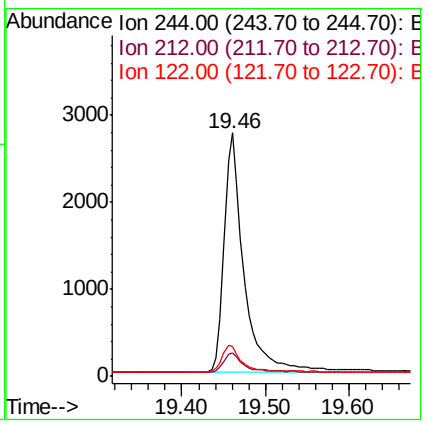


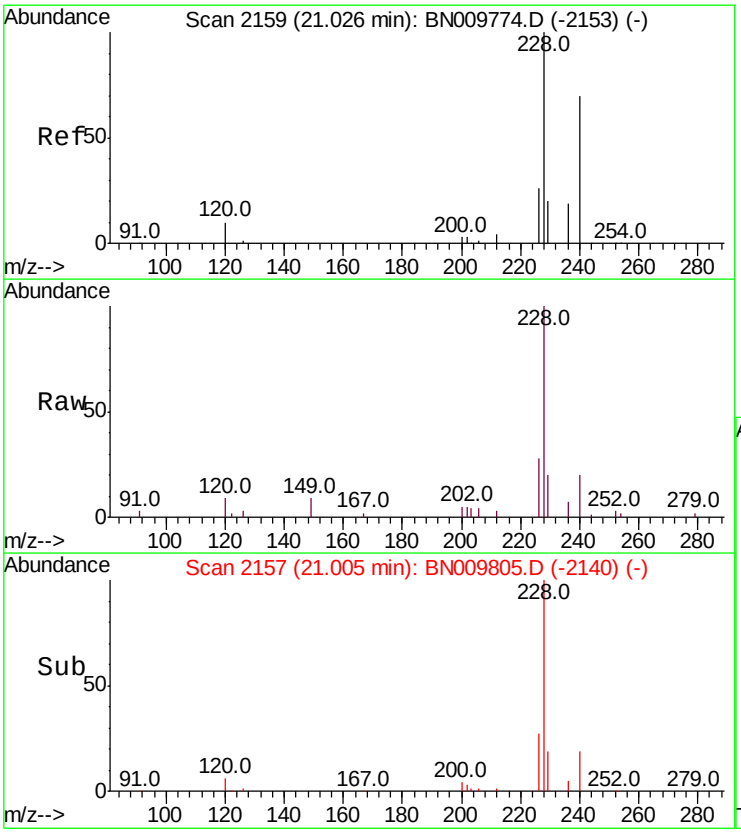
#29
Terphenyl-d14
Concen: 0.382 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4556

Ion	Ratio	Lower	Upper
244	100		
212	9.4	8.0	12.0
122	12.2	10.0	15.0

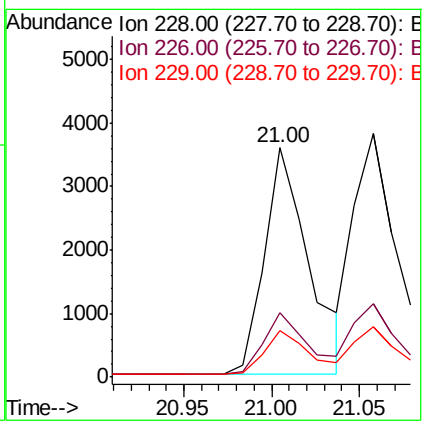


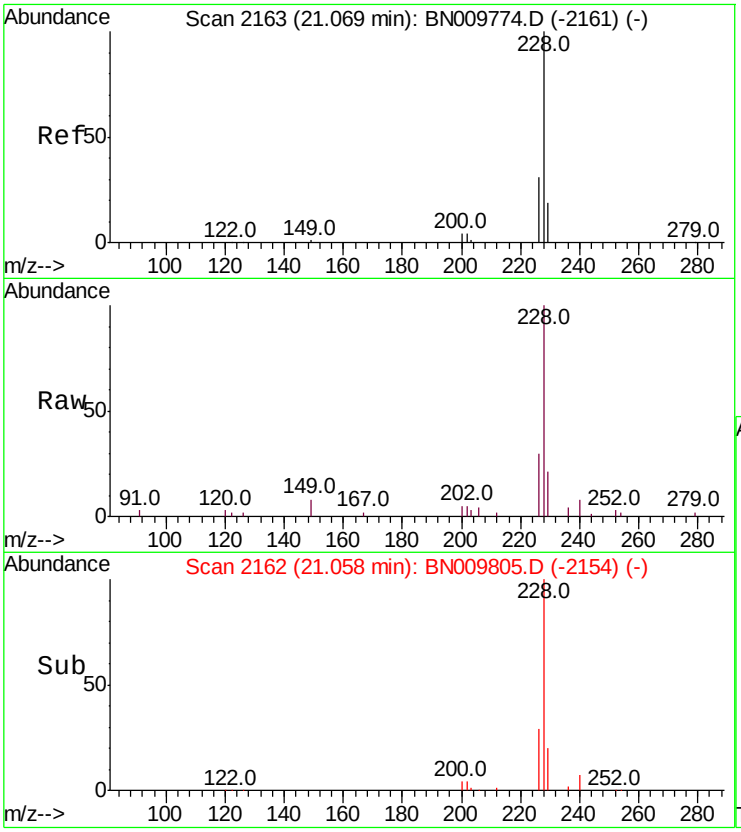


#30
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:228 Resp: 6258

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	20.4	17.1	25.7



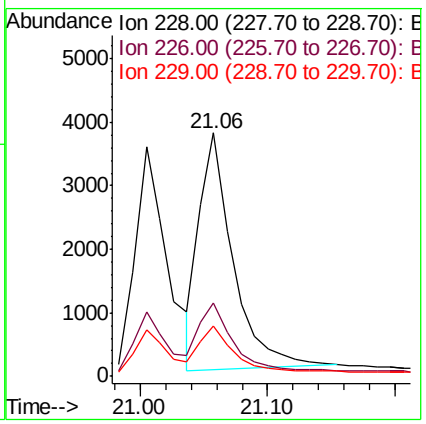


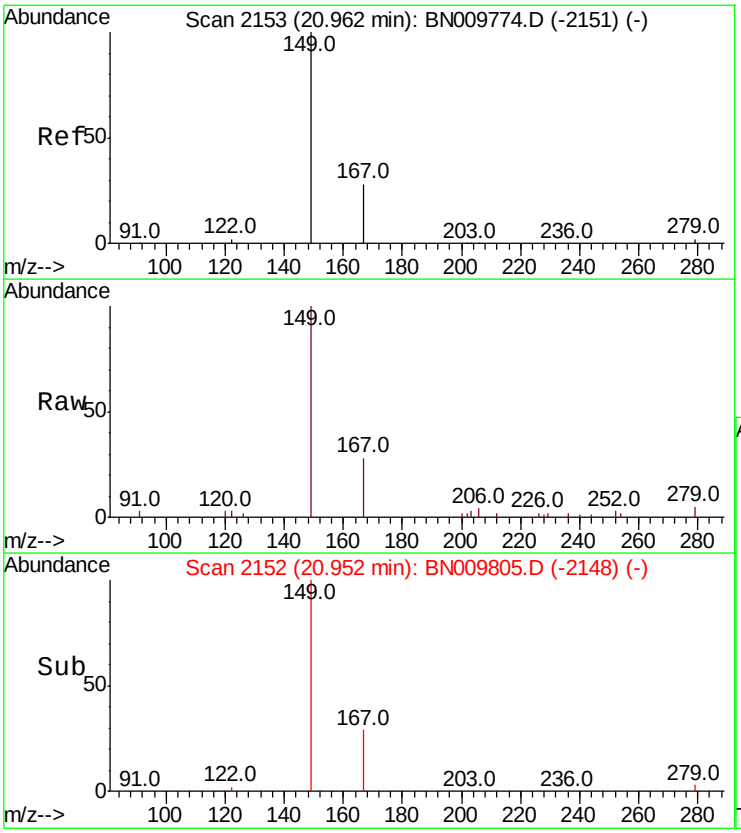
#31
Chrysene
Concen: 0.357 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 6845

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.8	37.2
229	20.7	16.4	24.6

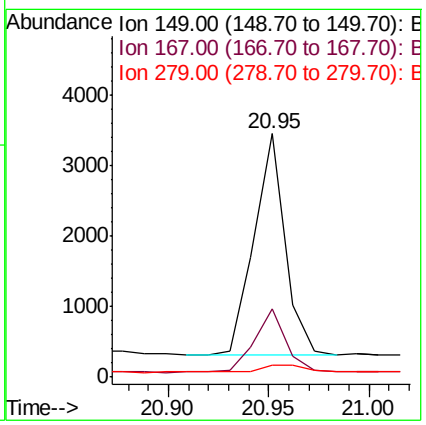


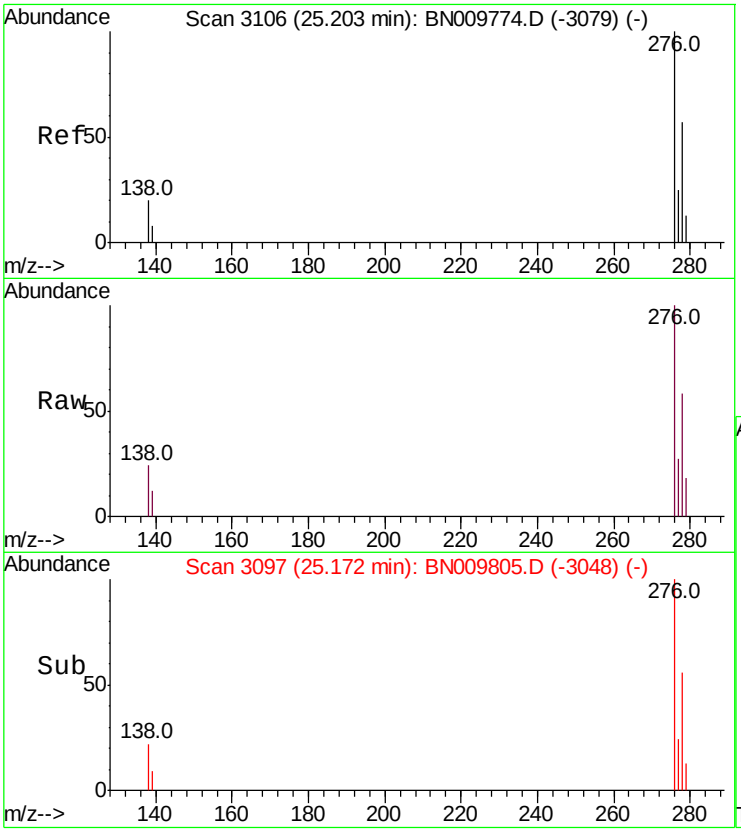


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.424 ng
RT: 20.95 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:149 Resp: 3426

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.7	34.1
279	4.2	3.1	4.7



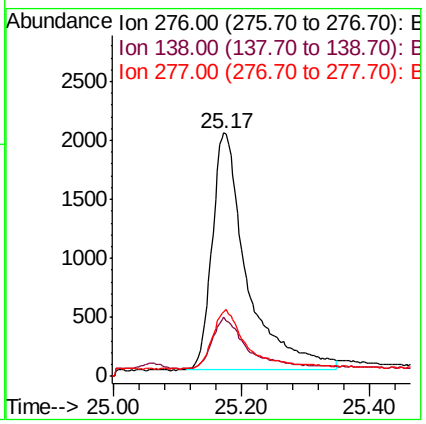


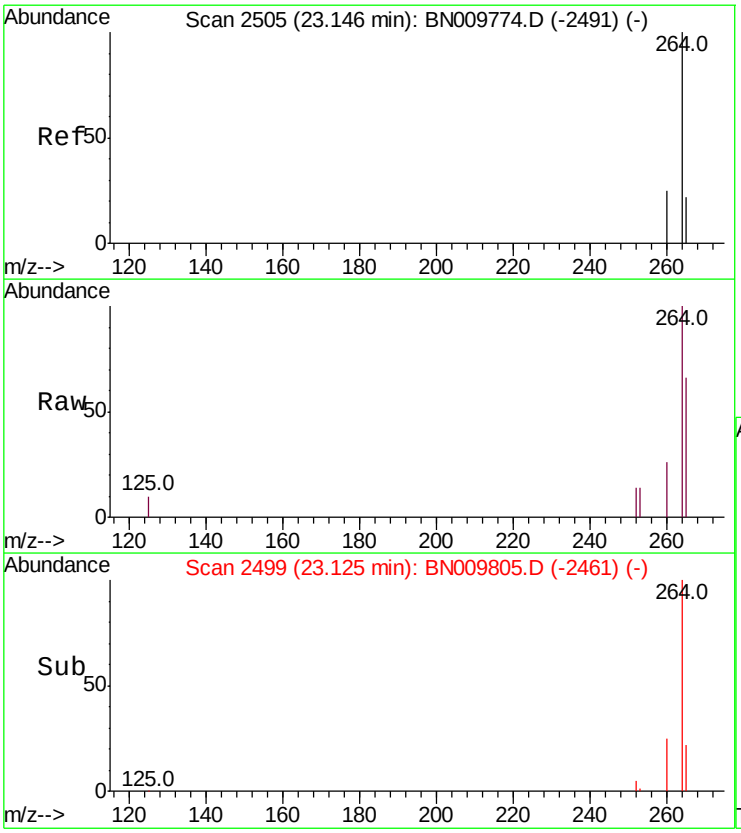
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng
RT: 25.17 min Scan# 3097
Delta R.T. -0.03 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7630

Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.8	23.6
277	23.1	19.3	28.9

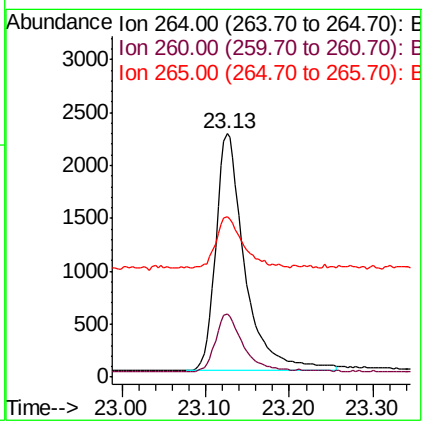


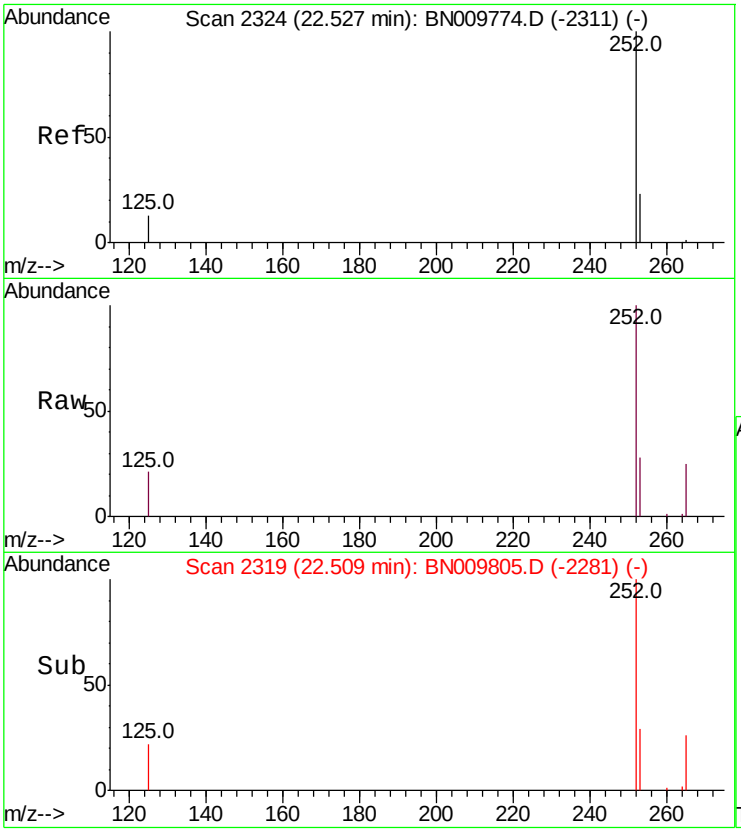


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:264 Resp: 5371

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.1	31.7
265	65.6	57.5	86.3



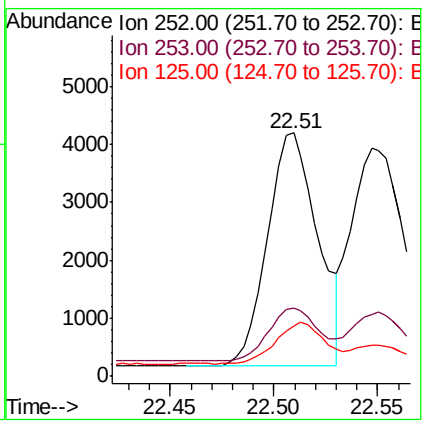


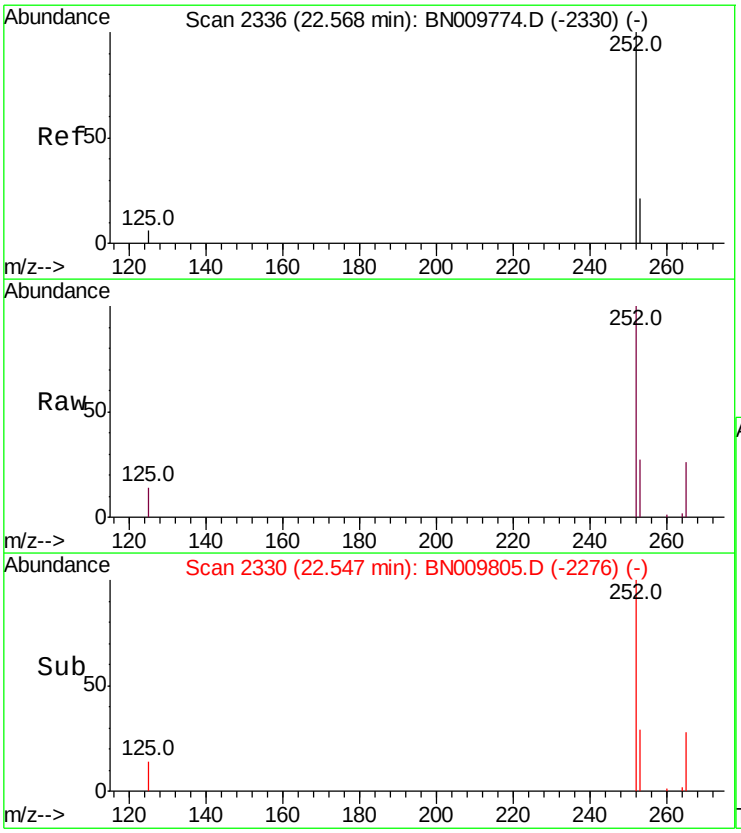
#35
Benzo(b)fluoranthene
Concen: 0.346 ng
RT: 22.51 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6786

Ion	Ratio	Lower	Upper
252	100		
253	28.1	23.0	34.6
125	20.6	14.4	21.6

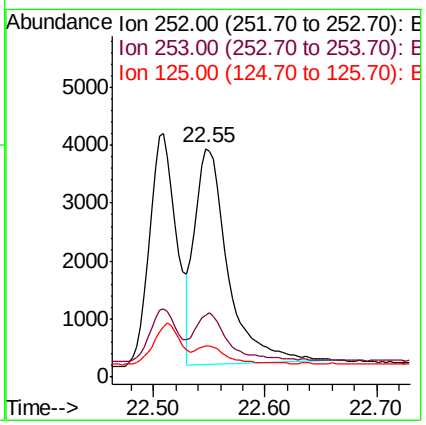


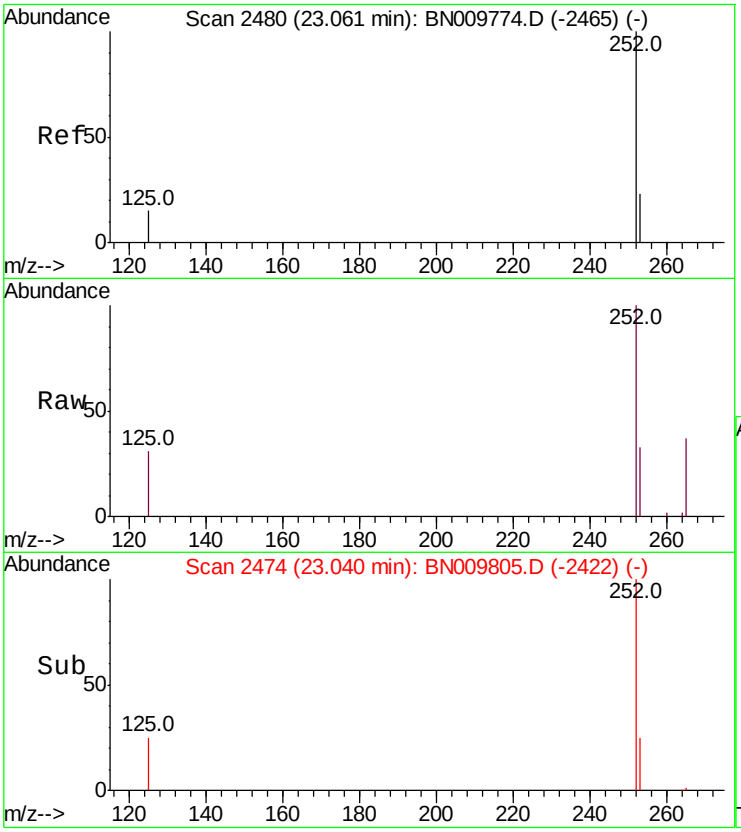


#36
Benzo(k)fluoranthene
Concen: 0.359 ng
RT: 22.55 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:252 Resp: 7685

Ion	Ratio	Lower	Upper
252	100		
253	27.2	22.2	33.2
125	13.8	10.5	15.7



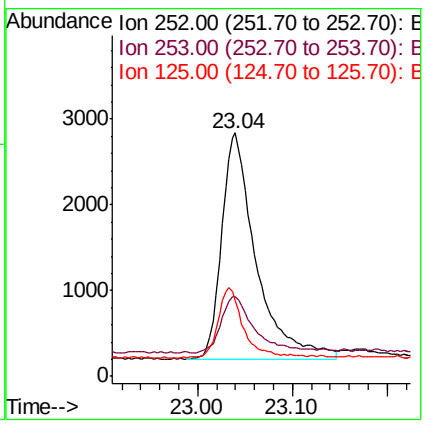


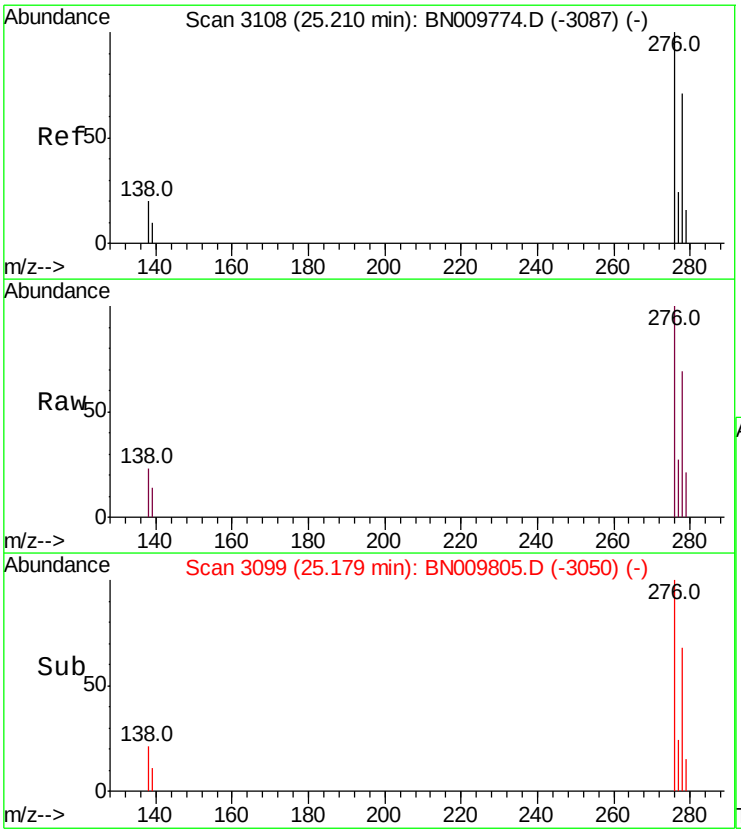
#37
Benzo(a)pyrene
Concen: 0.375 ng
RT: 23.04 min Scan# 2474
Delta R.T. -0.02 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6720

Ion	Ratio	Lower	Upper
252	100		
253	32.7	25.3	37.9
125	31.2	17.7	26.5#

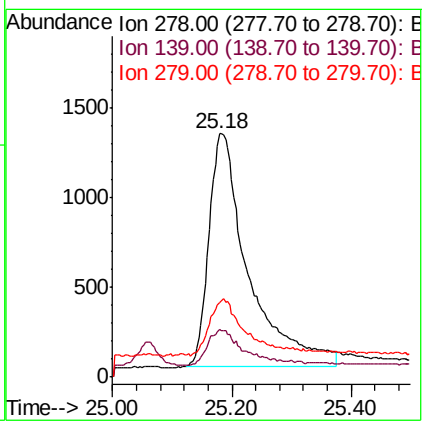


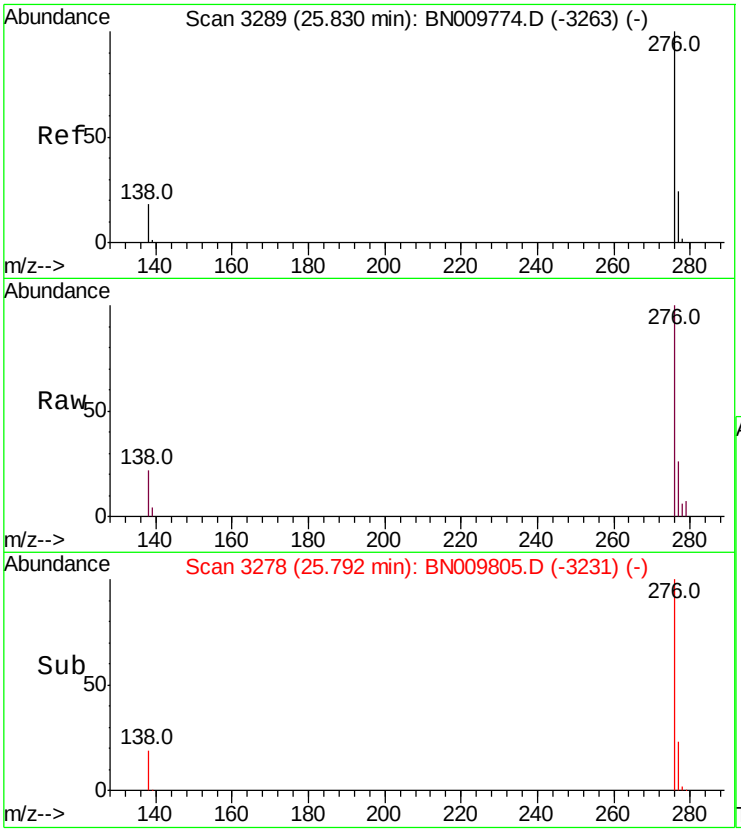


#38
Dibenzo(a,h)anthracene
Concen: 0.337 ng
RT: 25.18 min Scan# 3099
Delta R.T. -0.03 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Tgt Ion:278 Resp: 5953

Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.5	21.7
279	30.6	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 0.358 ng
RT: 25.79 min Scan# 3278
Delta R.T. -0.04 min
Lab File: BN009805.D
Acq: 21 Feb 2020 13:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 6729

Ion	Ratio	Lower	Upper
276	100		
277	26.0	21.4	32.0
138	22.1	16.6	24.8