Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030220\
Data File : BN010042.D
Acq On : 02 Mar 2020 16:21
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 02 18:17:12 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	7.39	152	1037	0.40	ng		-0.03
7) Naphthalene-d8	10.14	136	3713	0.40	ng		-0.04
13) Acenaphthene-d10	14.02	164	2542	0.40	ng		-0.04
19) Phenanthrene-d10	16.78	188	5671	0.40	ng		-0.04
27) Chrysene-d12	21.00	240	5189	0.40	ng		-0.04
34) Perylene-d12	23.10	264	5367	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	938	0.41	ng		-0.03
5) Phenol-d6	6.63	99	1109	0.40	ng		-0.02
8) Nitrobenzene-d5	8.57	82	1120	0.36	ng		-0.03
11) 2-Methylnaphthalene-d10	11.74	152	2897	0.40	ng		-0.04
14) 2,4,6-Tribromophenol	15.55	330	417	0.43	ng		-0.04
15) 2-Fluorobiphenyl	12.65	172	3586	0.37	ng		-0.04
25) Fluoranthene-d10	18.82	212	7323	0.37	ng		-0.04
29) Terphenyl-d14	19.44	244	4769	0.38	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	353	0.332	ng		94
3) n-Nitrosodimethylamine	3.43	42	632	0.362	ng		97
6) bis(2-Chloroethyl)ether	6.86	93	1044	0.383	ng		93
9) Naphthalene	10.19	128	3991	0.394	ng		100
10) Hexachlorobutadiene	10.46	225	852	0.382	ng	#	95
12) 2-Methylnaphthalene	11.82	142	2833	0.408	ng		99
16) Acenaphthylene	13.73	152	4465	0.412	ng		99
17) Acenaphthene	14.09	154	2992	0.393	ng		99
18) Fluorene	15.08	166	3812	0.379	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	232	Below Cal			95
21) Hexachlorobenzene	16.10	284	1380	0.391	ng		99
22) Pentachlorophenol	16.48	266	317	0.447	ng		98
23) Phenanthrene	16.82	178	6290	0.373	ng		100
24) Anthracene	16.92	178	5457	0.382	ng		99
26) Fluoranthene	18.85	202	8199	0.406	ng		99
28) Pyrene	19.22	202	8205	0.416	ng		99
30) Benzo(a)anthracene	20.99	228	6751	0.392	ng		99
31) Chrysene	21.04	228	7516	0.377	ng		98
32) Bis(2-ethylhexyl)phthalate	20.93	149	4635	0.552	ng		99
33) Indeno(1,2,3-cd)pyrene	25.13	276	7742	0.373	ng		99
35) Benzo(b)fluoranthene	22.48	252	7183	0.366	ng	#	96
36) Benzo(k)fluoranthene	22.52	252	7426	0.348	ng		99
37) Benzo(a)pyrene	23.01	252	6949	0.388	ng		98
38) Dibenzo(a,h)anthracene	25.14	278	6089	0.345	ng		97
39) Benzo(g,h,i)perylene	25.76	276	6498	0.346	ng		99

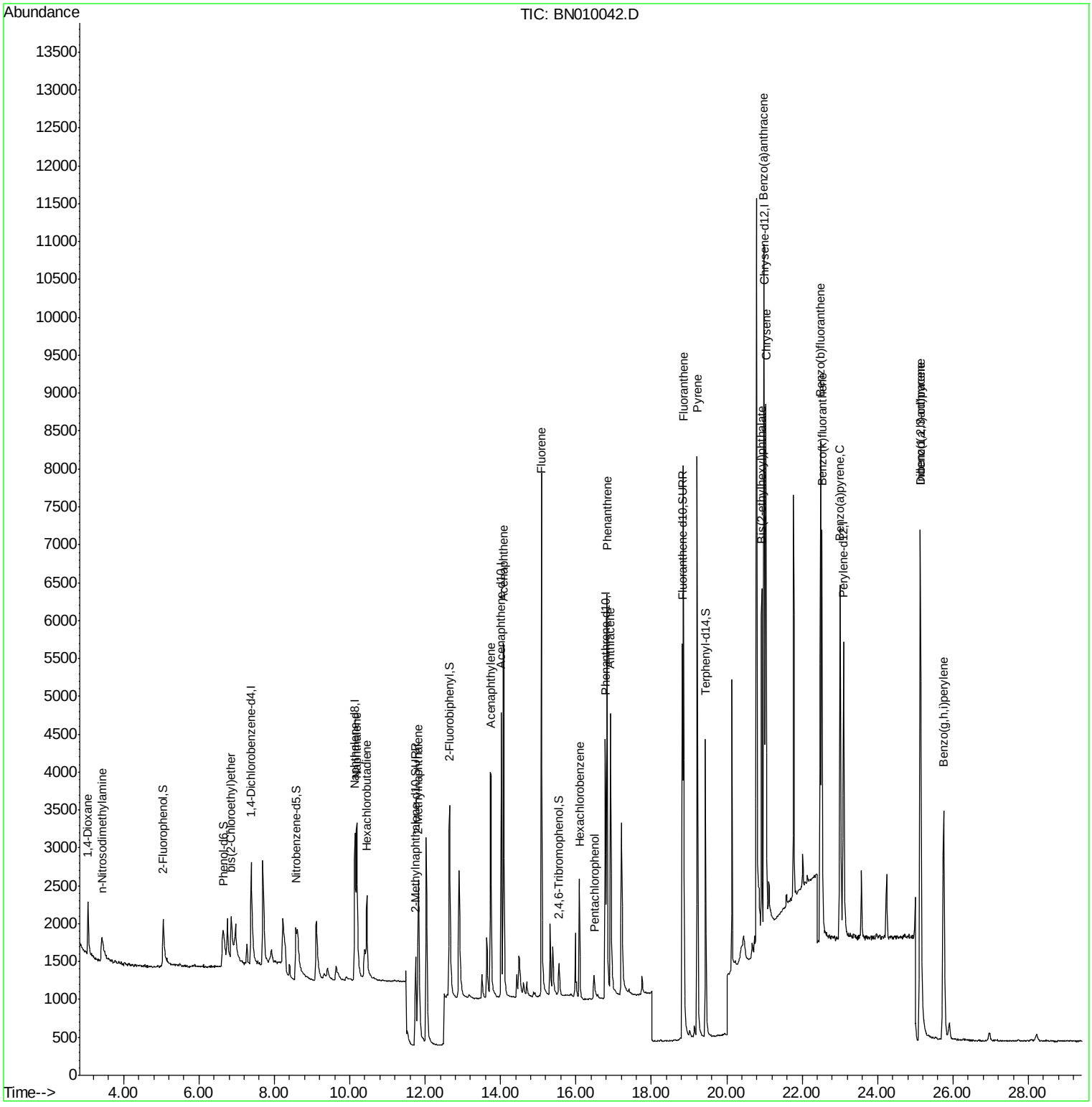
(#) = qualifier out of range (m) = manual integration (+) = signals summed

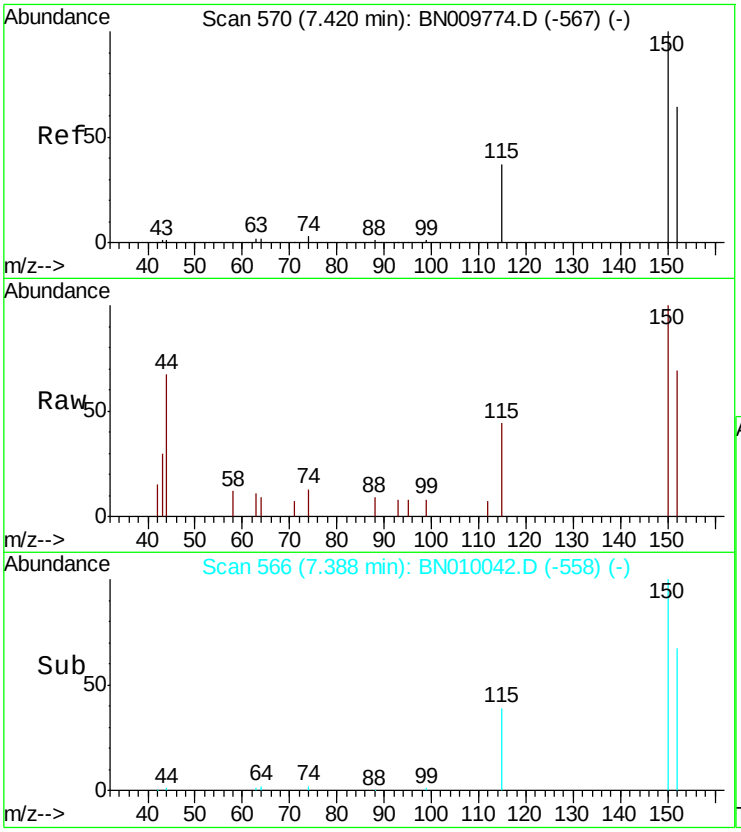
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030220\
Data File : BN010042.D
Acq On : 02 Mar 2020 16:21
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 02 18:17:12 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



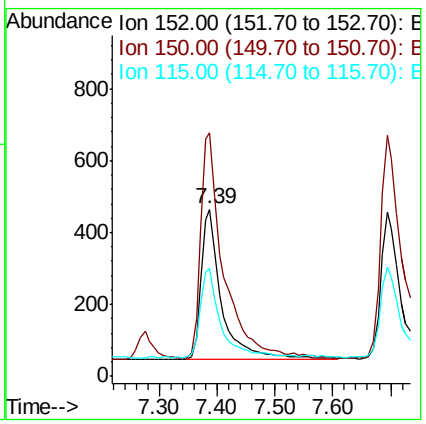


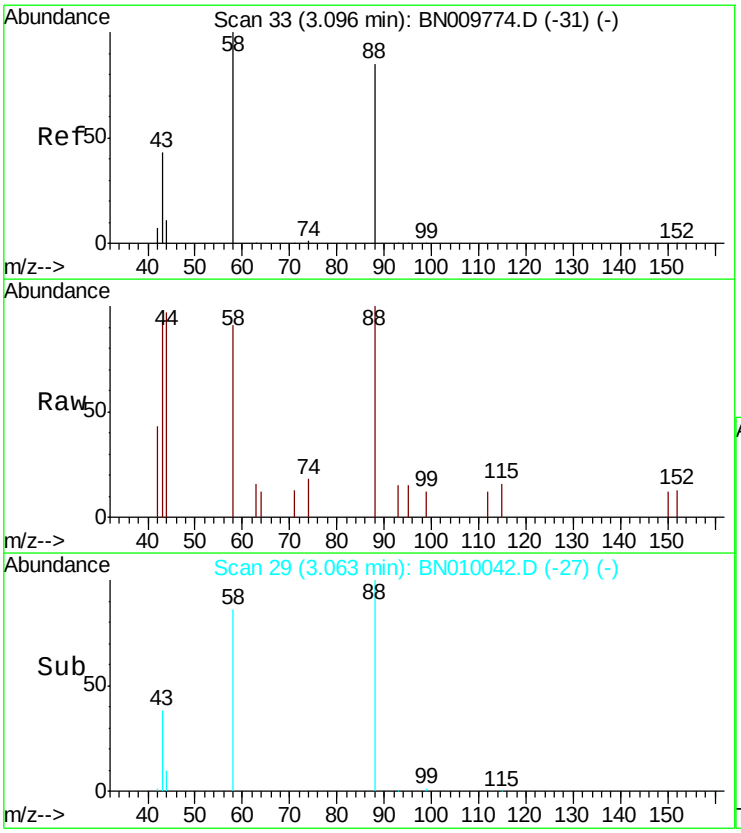
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1037

Ion	Ratio	Lower	Upper
152	100		
150	145.6	120.6	181.0
115	64.3	51.2	76.8

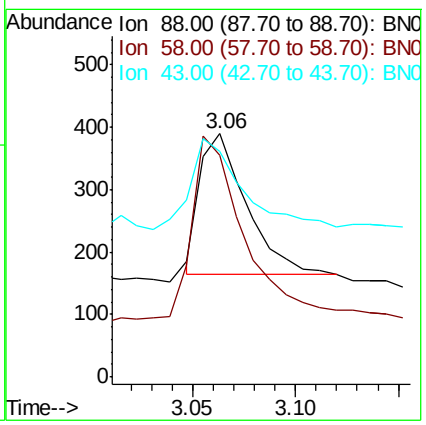


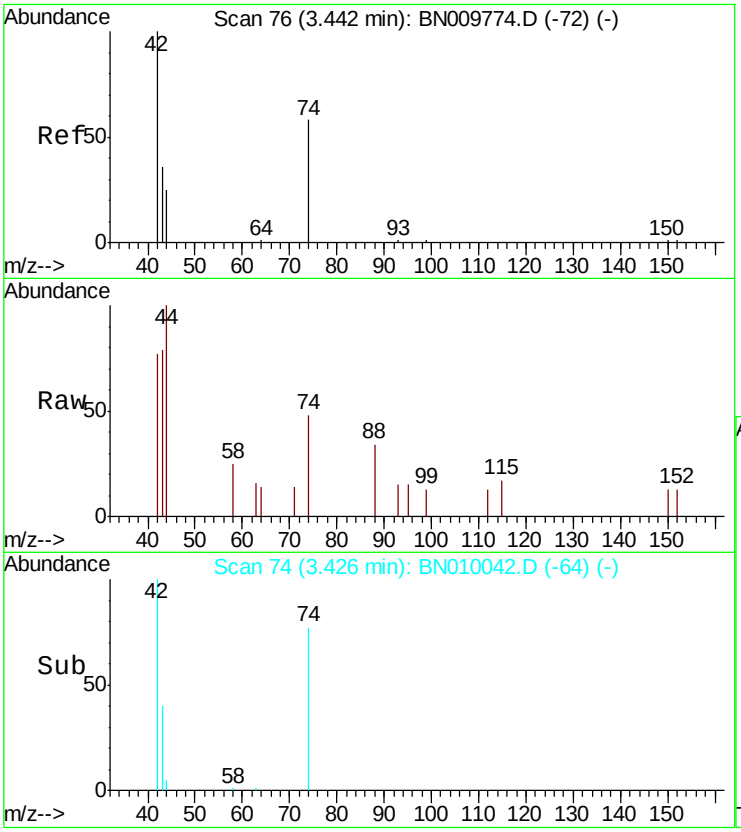


#2
1,4-Dioxane
Concen: 0.332 ng
RT: 3.06 min Scan# 29
Delta R.T. -0.03 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion: 88 Resp: 353

Ion	Ratio	Lower	Upper
88	100		
58	115.0	97.8	146.8
43	58.9	45.1	67.7



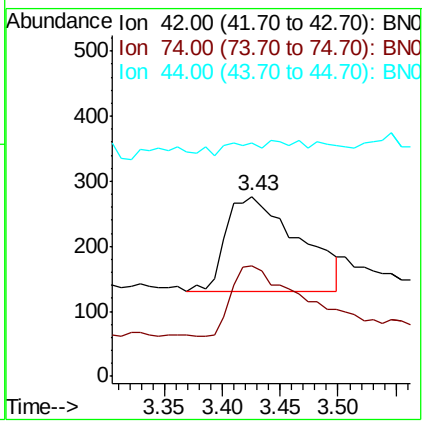


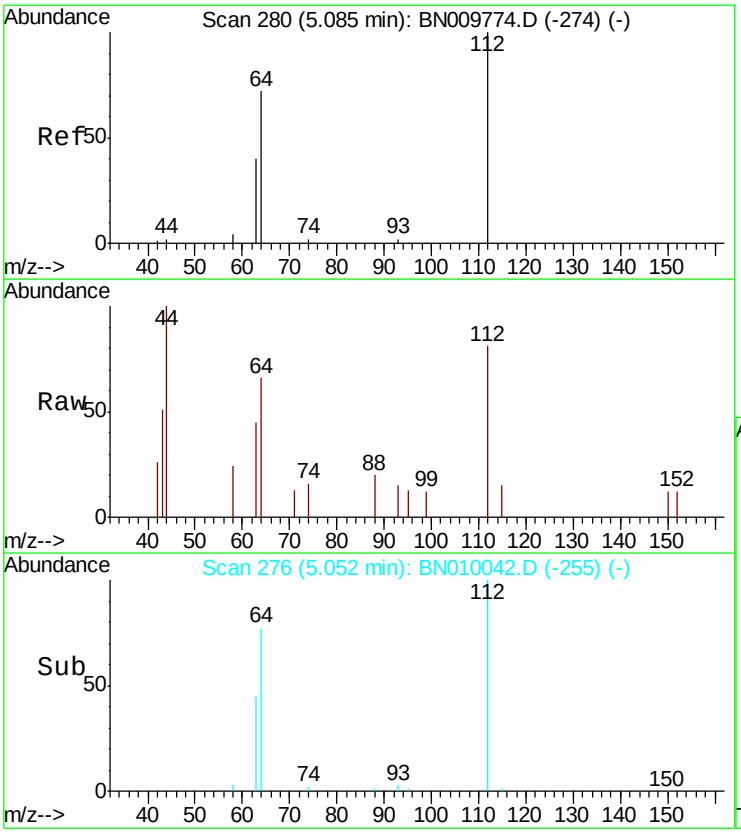
#3
n-Nitrosodimethylamine
Concen: 0.362 ng
RT: 3.43 min Scan# 74
Delta R.T. -0.02 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 632

Ion	Ratio	Lower	Upper
42	100		
74	66.3	51.2	76.8
44	3.0	2.6	4.0

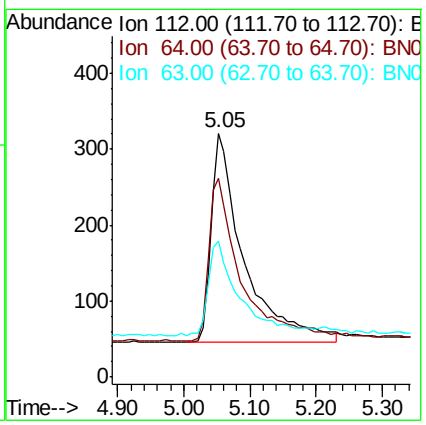


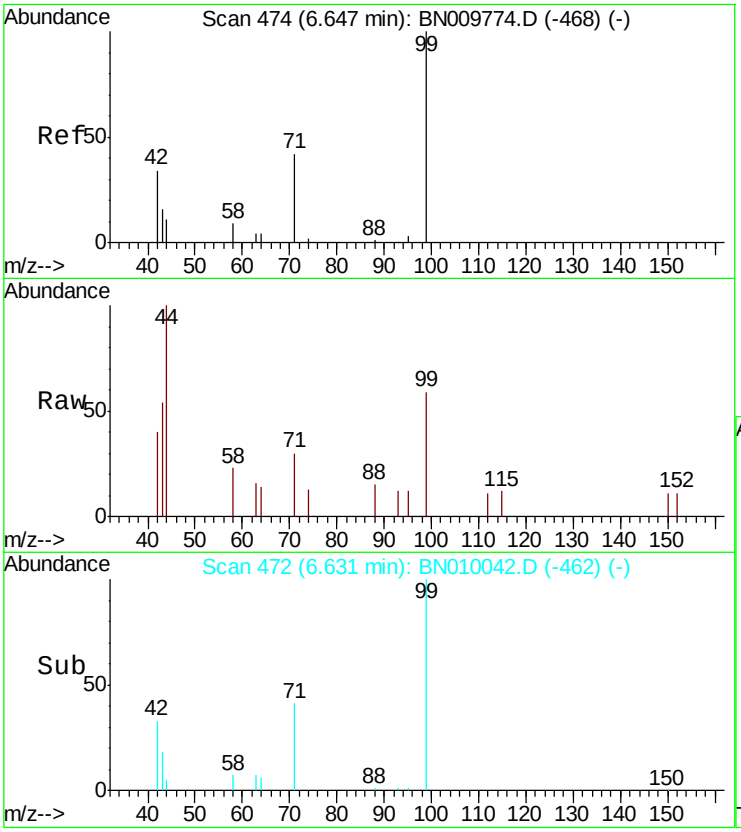


#4
2-Fluorophenol
Concen: 0.407 ng
RT: 5.05 min Scan# 276
Delta R.T. -0.03 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:112 Resp: 938

Ion	Ratio	Lower	Upper
112	100		
64	78.0	65.8	98.6
63	45.2	38.7	58.1



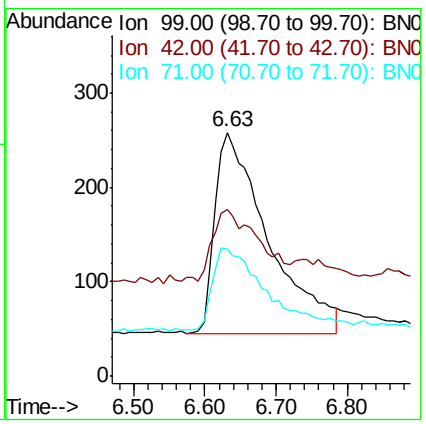


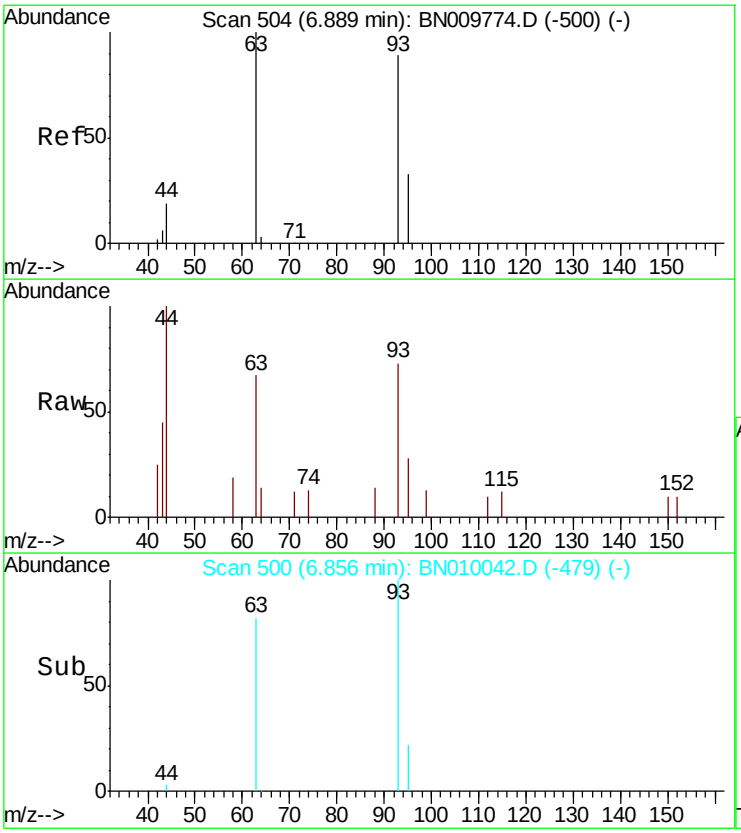
#5
Phenol-d6
Concen: 0.395 ng
RT: 6.63 min Scan# 472
Delta R.T. -0.02 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1109

Ion	Ratio	Lower	Upper
99	100		
42	31.1	30.8	46.2
71	40.8	34.9	52.3

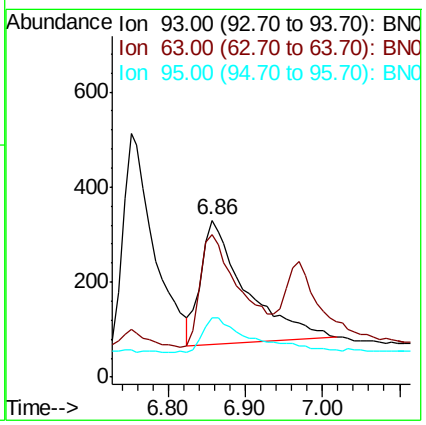


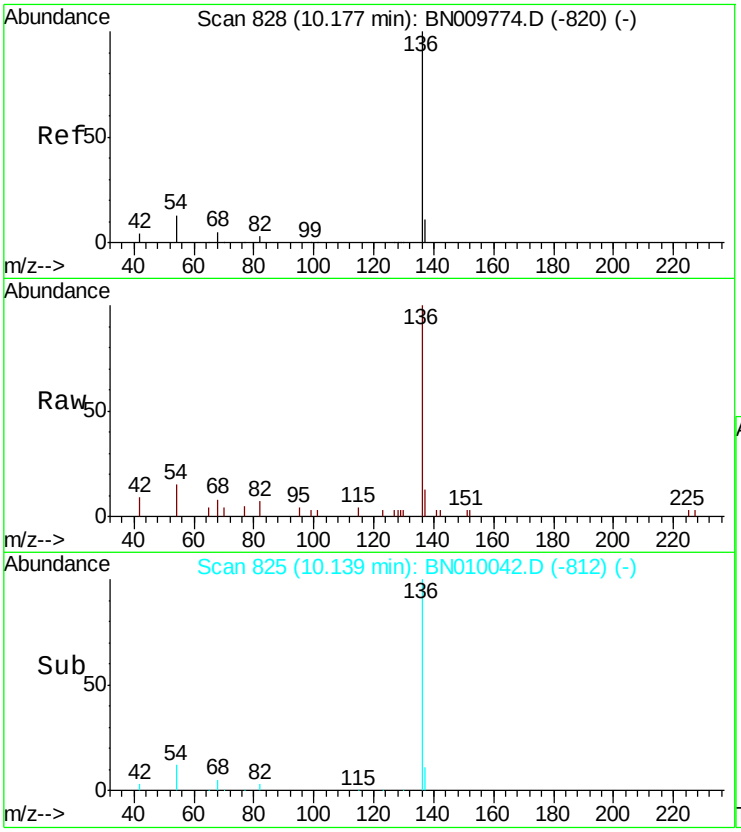


#6
bis(2-Chloroethyl)ether
Concen: 0.383 ng
RT: 6.86 min Scan# 500
Delta R.T. -0.03 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion: 93 Resp: 1044

Ion	Ratio	Lower	Upper
93	100		
63	84.9	74.0	111.0
95	31.6	26.7	40.1



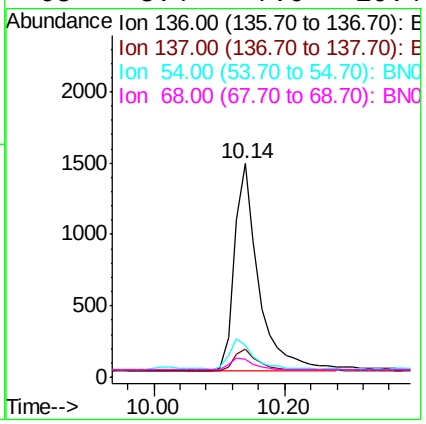


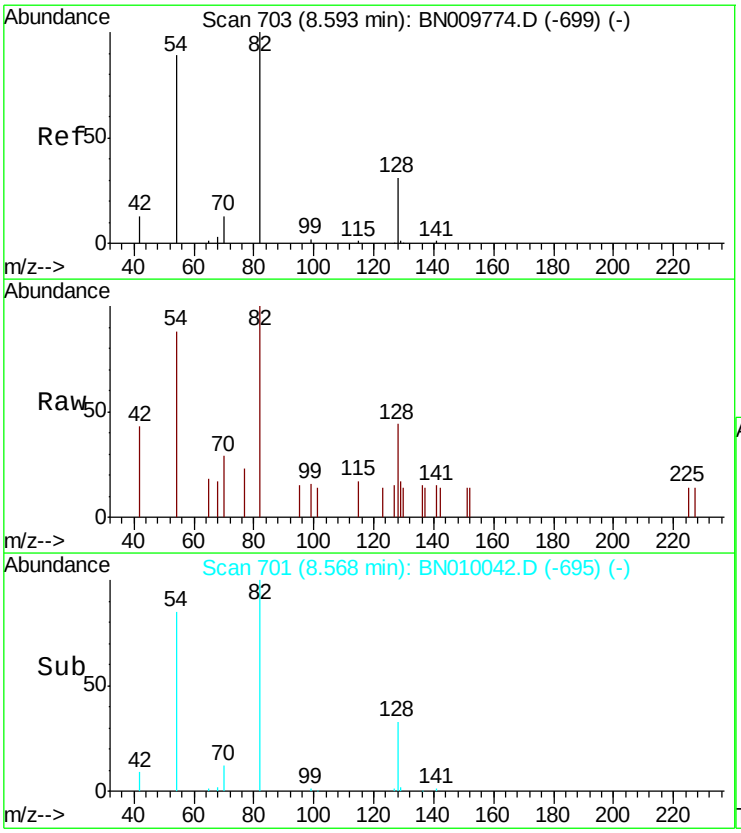
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 825
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 3713

Ion	Ratio	Lower	Upper
136	100		
137	13.4	11.3	16.9
54	14.8	13.4	20.2
68	8.4	7.0	10.4

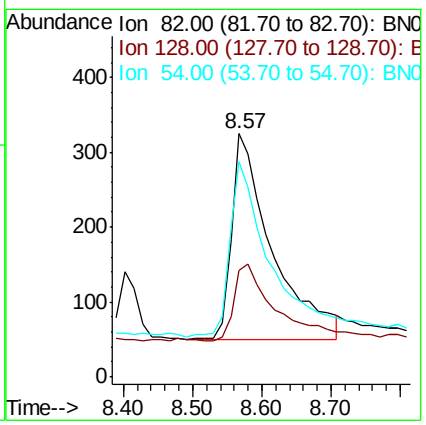


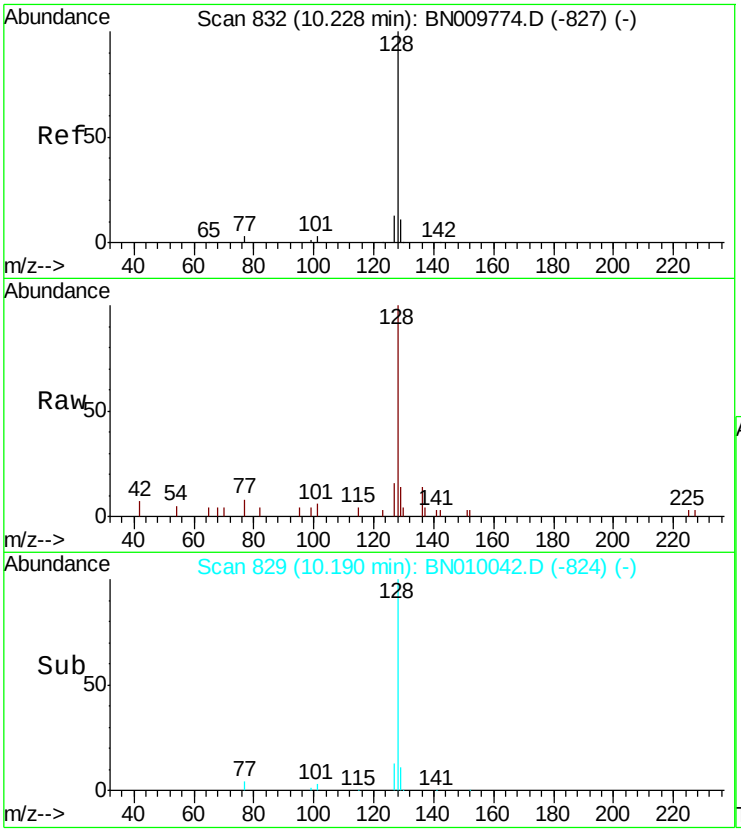


#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.57 min Scan# 701
Delta R.T. -0.03 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion: 82 Resp: 1120

Ion	Ratio	Lower	Upper
82	100		
128	43.7	32.5	48.7
54	88.3	73.5	110.3



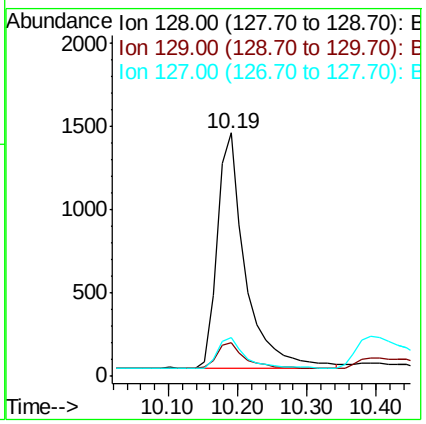


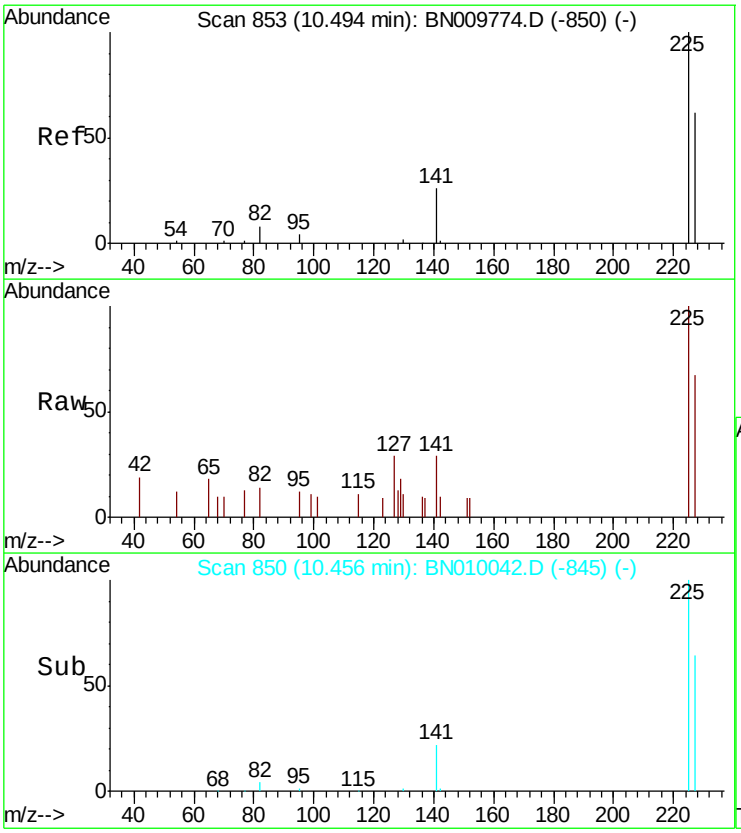
#9
Naphthalene
Concen: 0.394 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 3991

Ion	Ratio	Lower	Upper
128	100		
129	14.0	11.1	16.7
127	15.8	12.6	19.0

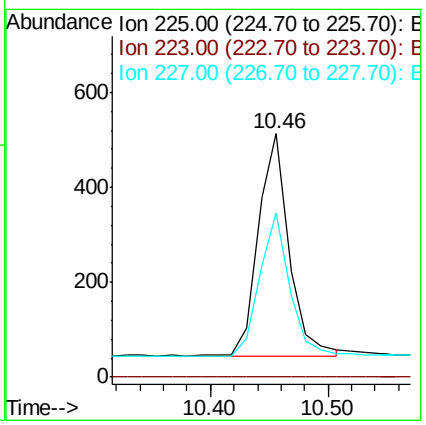


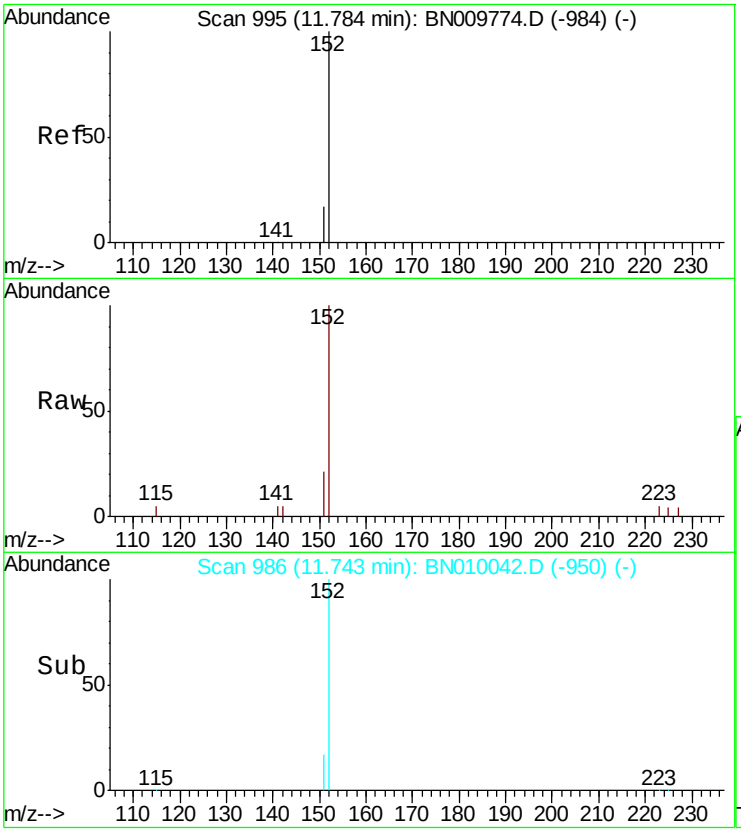


#10
Hexachlorobutadiene
Concen: 0.382 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:225 Resp: 852

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	53.4	80.2



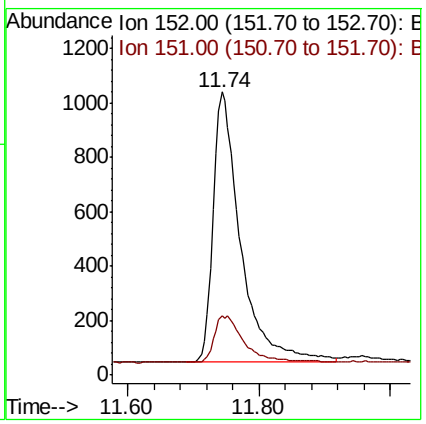


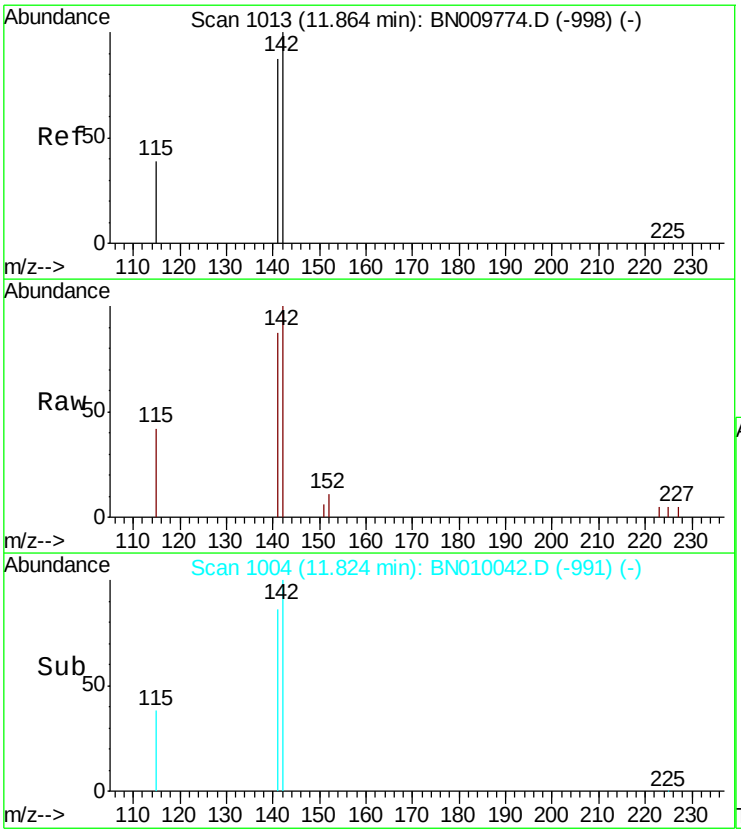
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 11.74 min Scan# 986
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2897

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.1	22.7

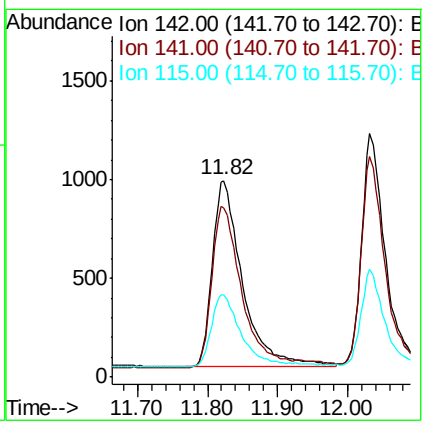


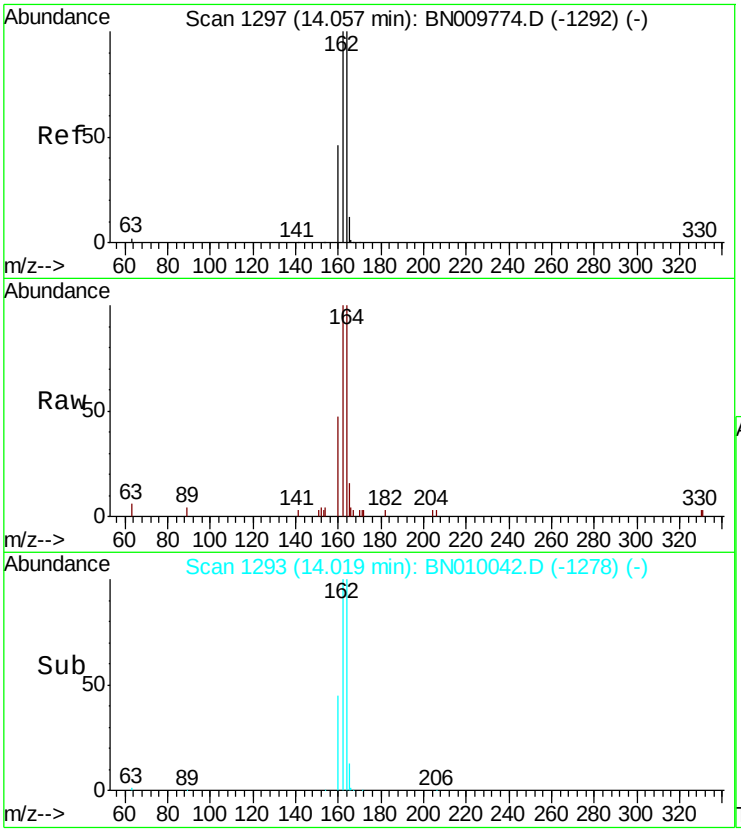


#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:142 Resp: 2833

Ion	Ratio	Lower	Upper
142	100		
141	86.5	69.8	104.6
115	41.8	34.6	52.0



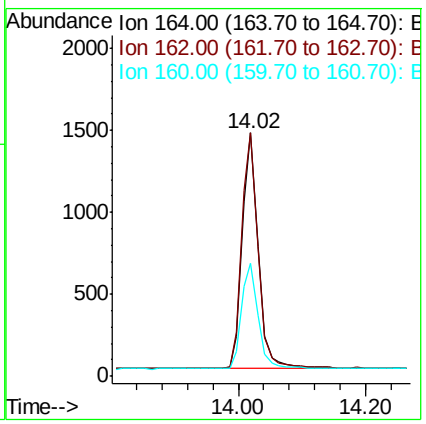


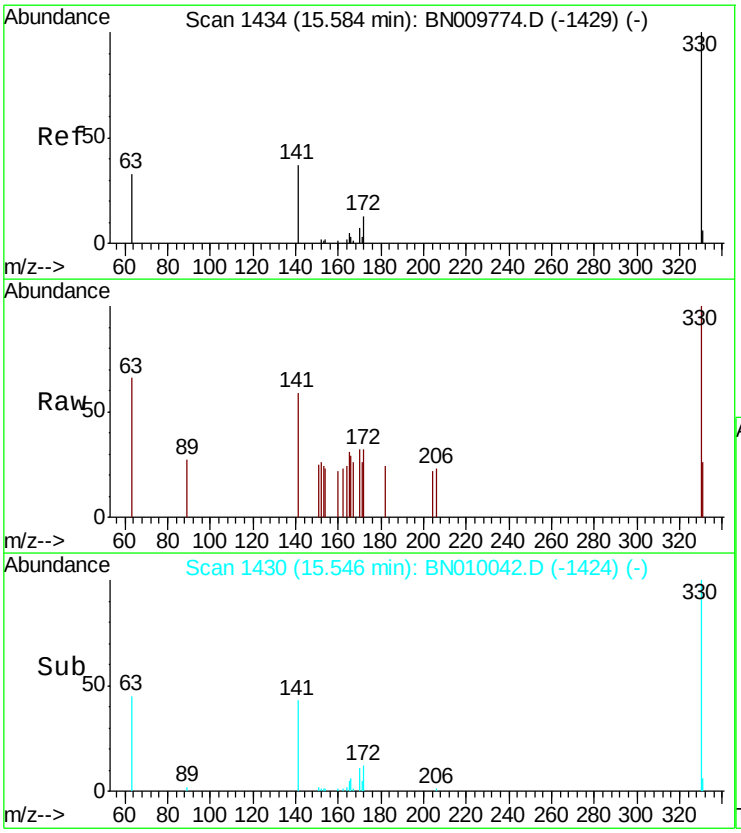
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.02 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2542

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.9	119.9
160	46.7	38.2	57.2

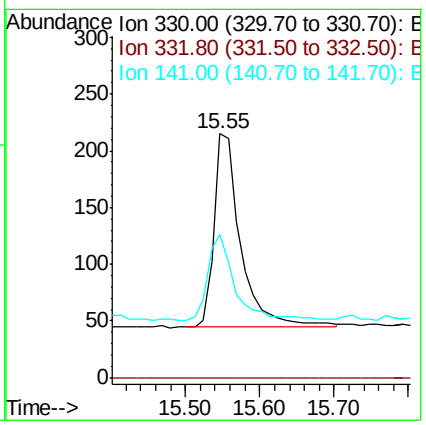


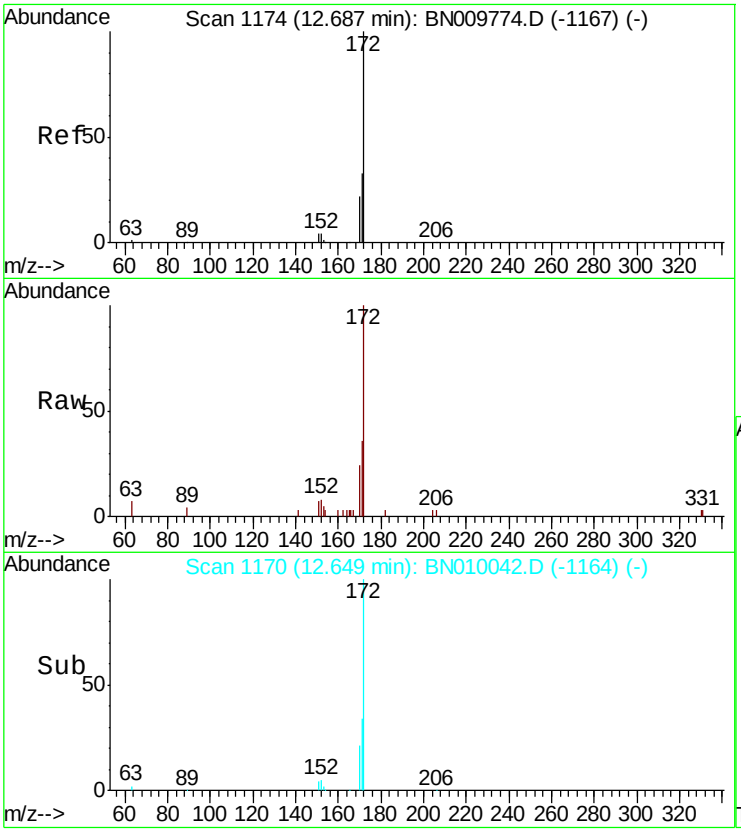


#14
2,4,6-Tribromophenol
Concen: 0.426 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:330 Resp: 417

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.4	36.8	55.2



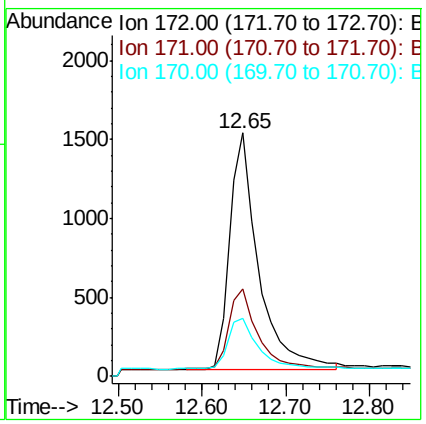


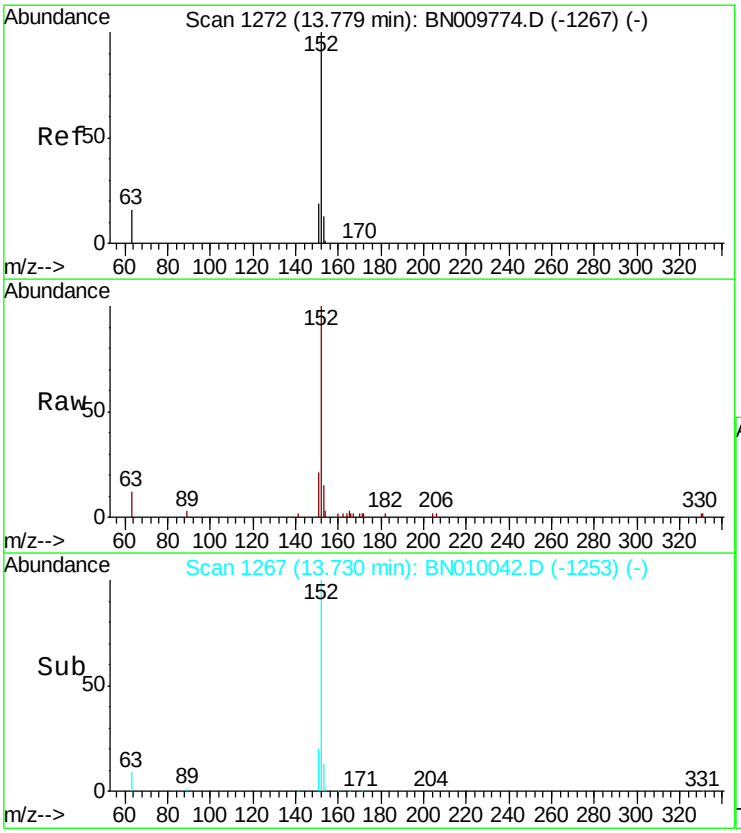
#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 12.65 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 3586

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.7	43.1
170	24.0	20.1	30.1

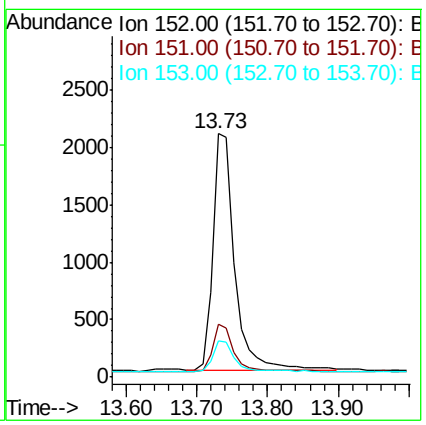


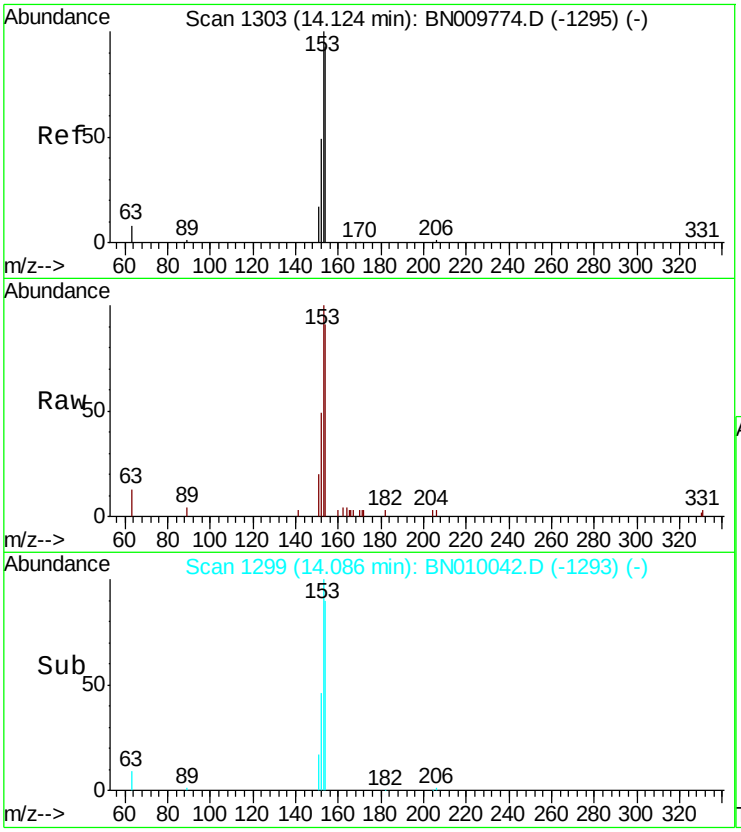


#16
Acenaphthylene
Concen: 0.412 ng
RT: 13.73 min Scan# 1267
Delta R.T. -0.05 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:152 Resp: 4465

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	13.3	10.2	15.4



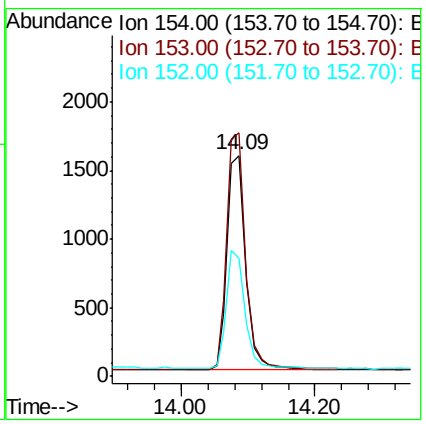


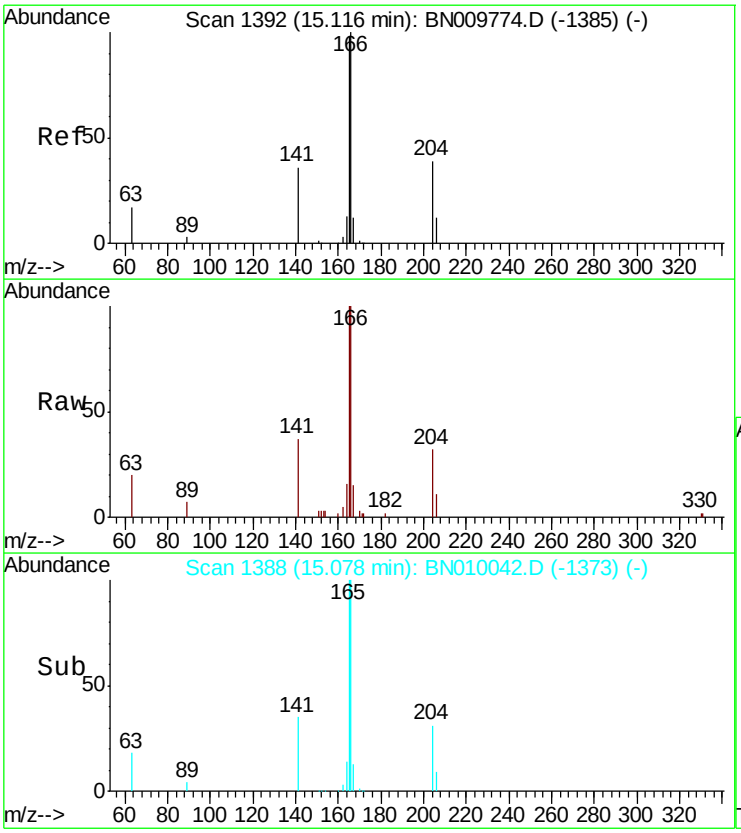
#17
Acenaphthene
Concen: 0.393 ng
RT: 14.09 min Scan# 1299
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 2992

Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.9	133.3
152	55.2	44.2	66.2

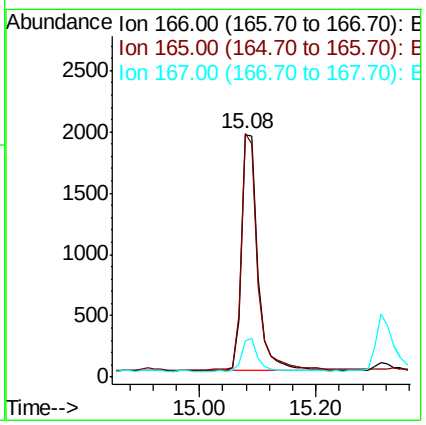


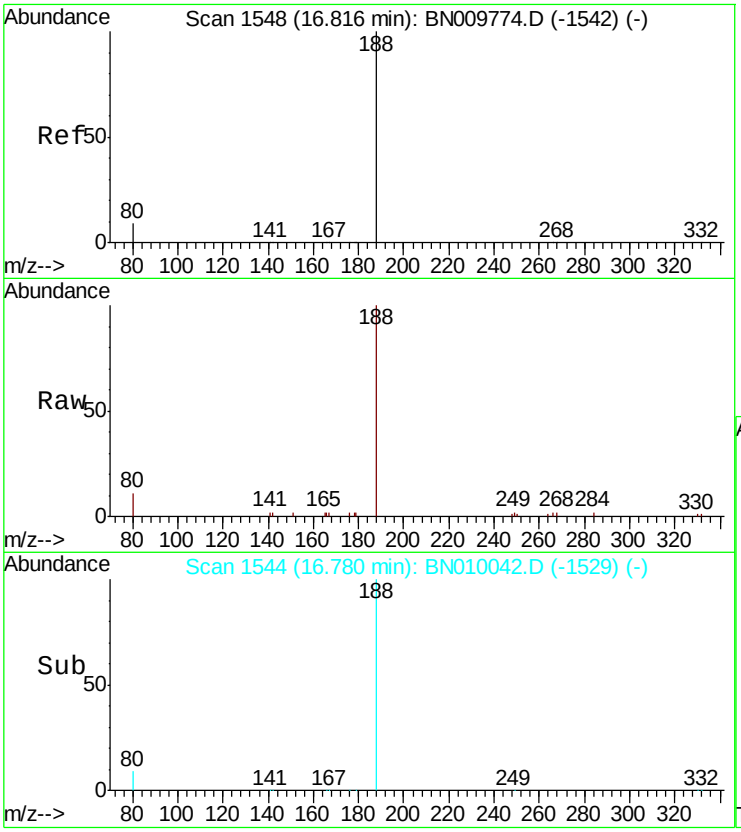


#18
Fluorene
Concen: 0.379 ng
RT: 15.08 min Scan# 1388
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:166 Resp: 3812

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.2	115.8
167	13.1	10.5	15.7



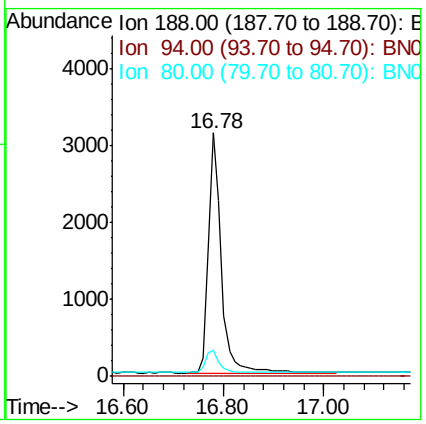


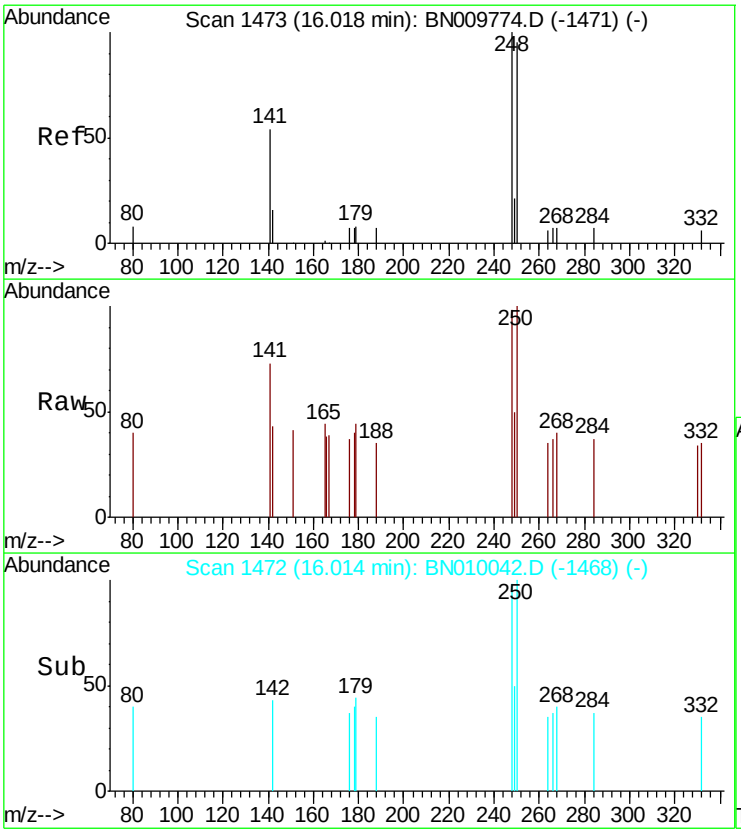
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1544
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 5671

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	8.3	12.5

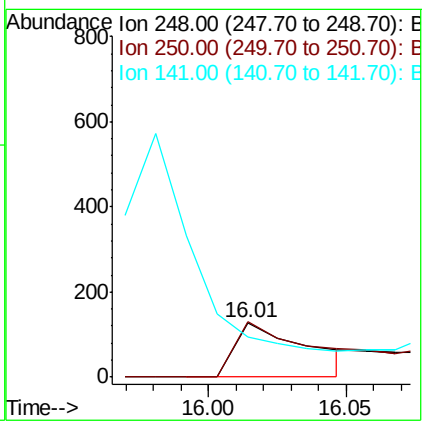


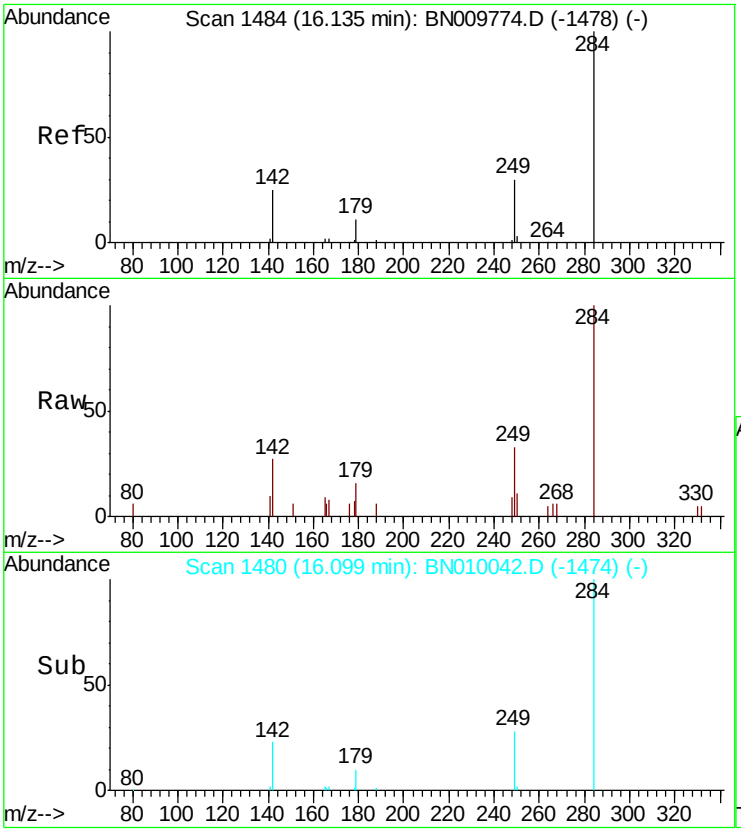


#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:248 Resp: 232

Ion	Ratio	Lower	Upper
248	100		
250	102.3	76.2	114.4
141	74.2	57.8	86.6



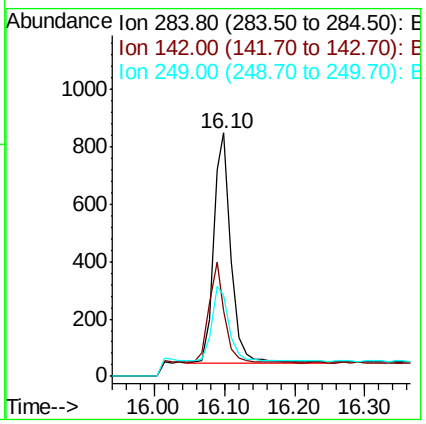


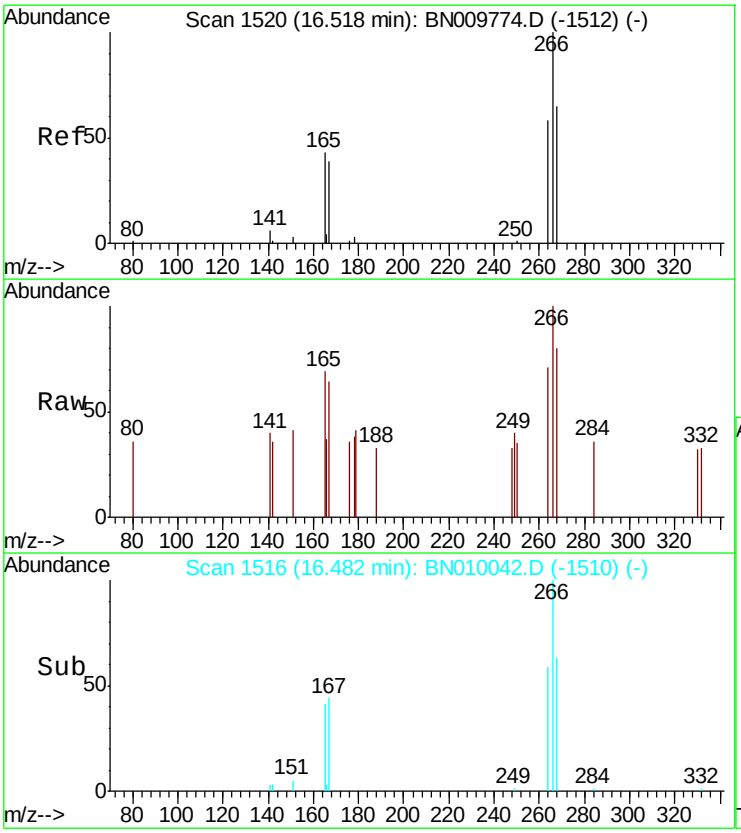
#21
Hexachlorobenzene
Concen: 0.391 ng
RT: 16.10 min Scan# 1480
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 1380

Ion	Ratio	Lower	Upper
284	100		
142	40.7	33.3	49.9
249	32.0	25.7	38.5

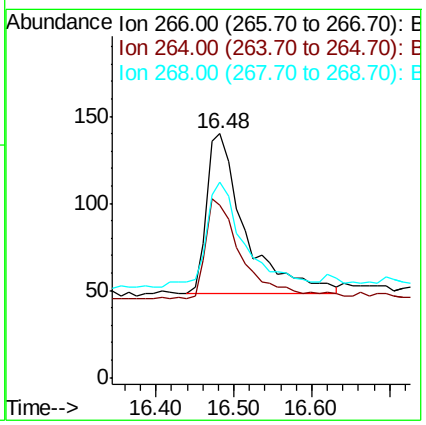


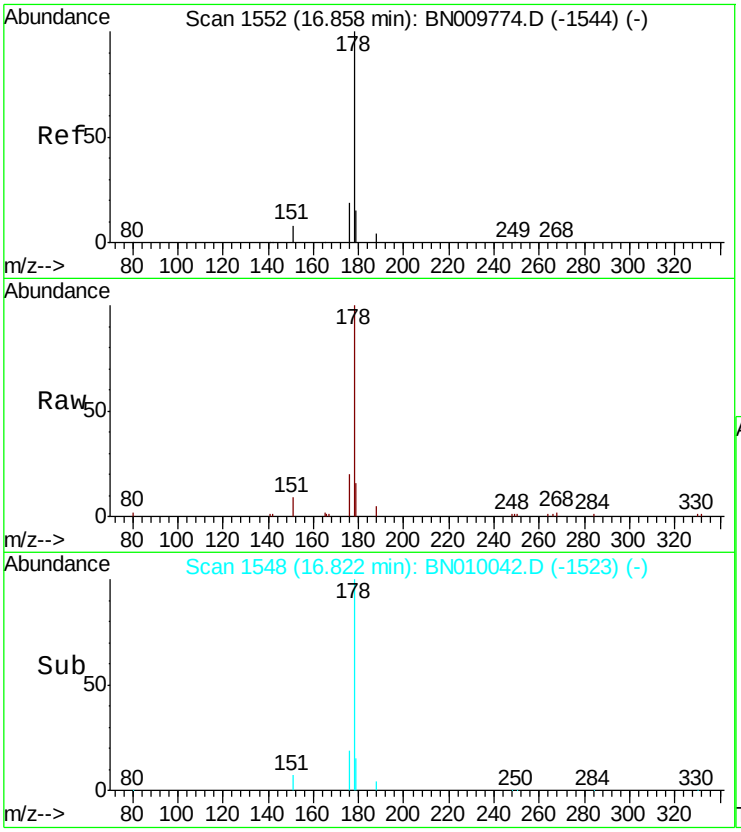


#22
Pentachlorophenol
Concen: 0.447 ng
RT: 16.48 min Scan# 1516
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:266 Resp: 317

Ion	Ratio	Lower	Upper
266	100		
264	70.7	58.1	87.1
268	80.0	65.7	98.5



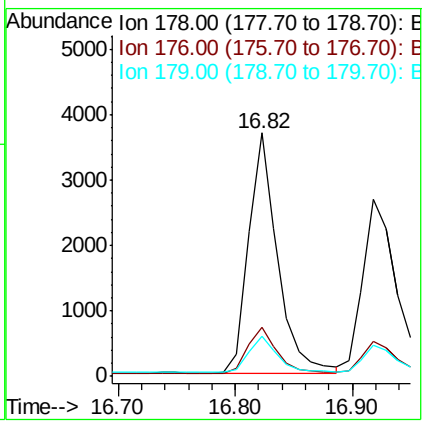


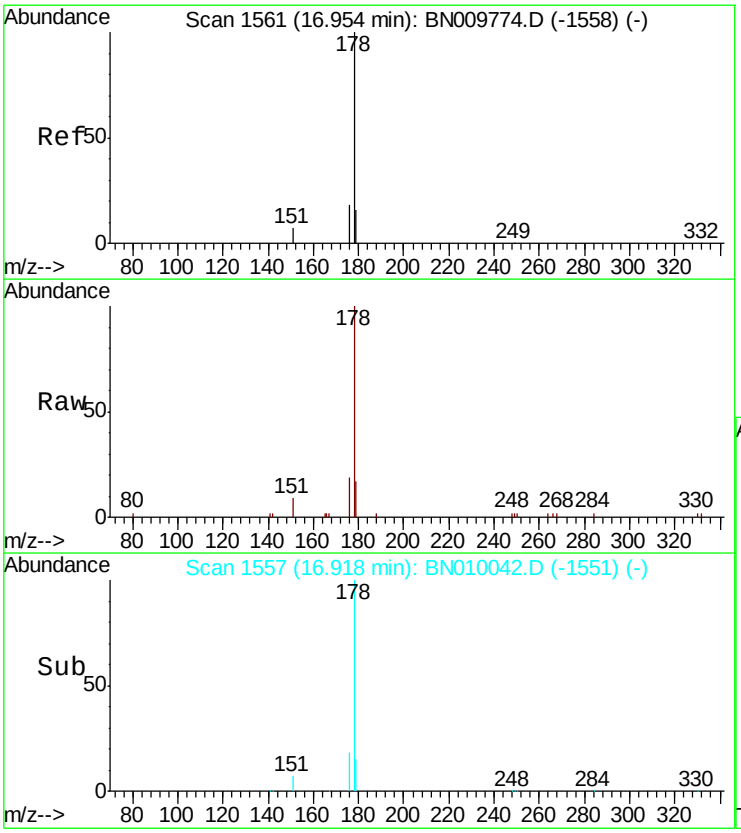
#23
Phenanthrene
Concen: 0.373 ng
RT: 16.82 min Scan# 1548
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 6290

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.4	18.6

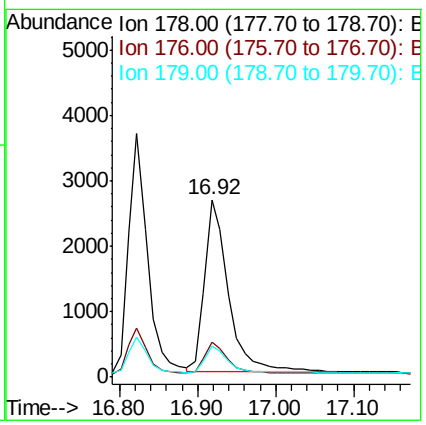


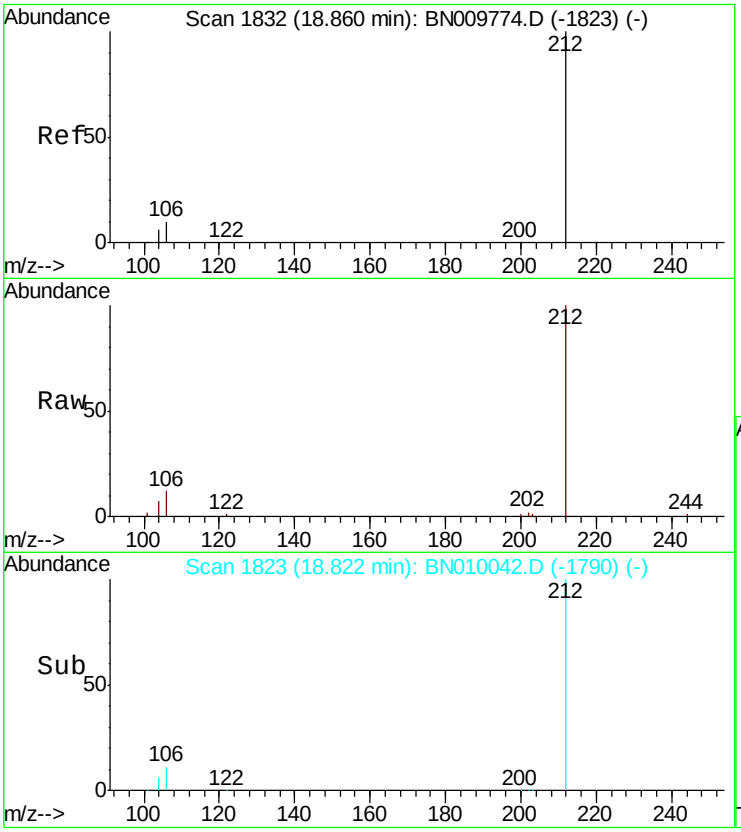


#24
Anthracene
Concen: 0.382 ng
RT: 16.92 min Scan# 1557
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:178 Resp: 5457

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.3	21.5
179	14.3	12.4	18.6



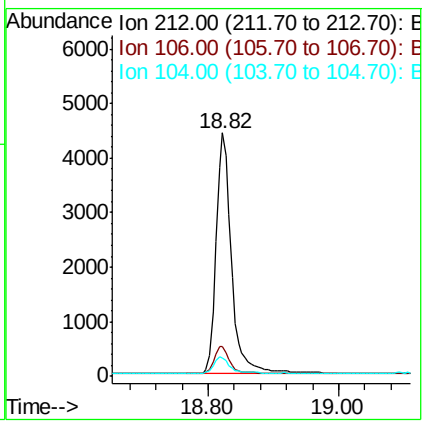


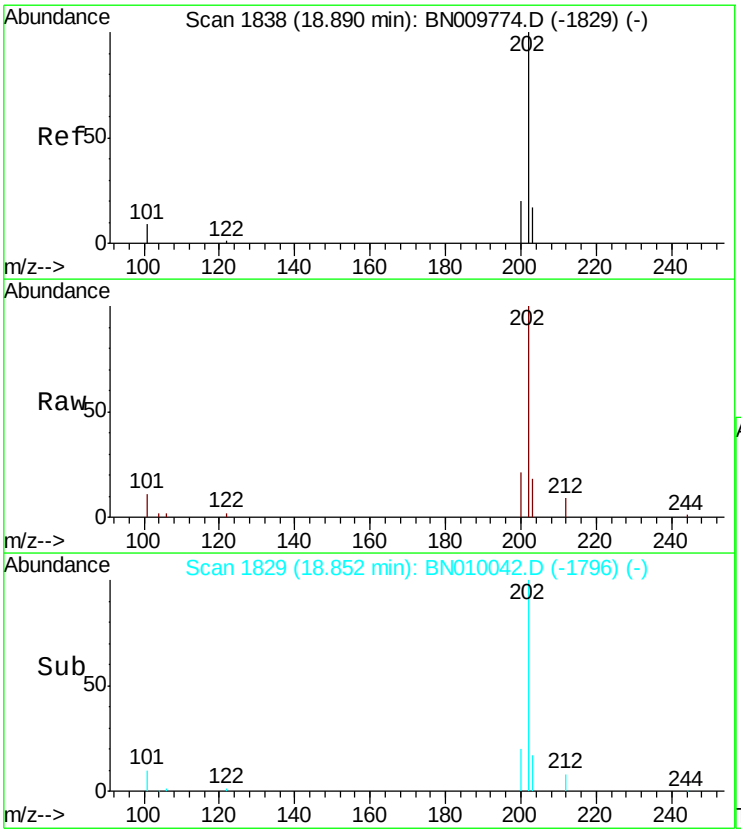
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 18.82 min Scan# 1823
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 7323

Ion	Ratio	Lower	Upper
212	100		
106	11.2	8.4	12.6
104	6.5	4.8	7.2

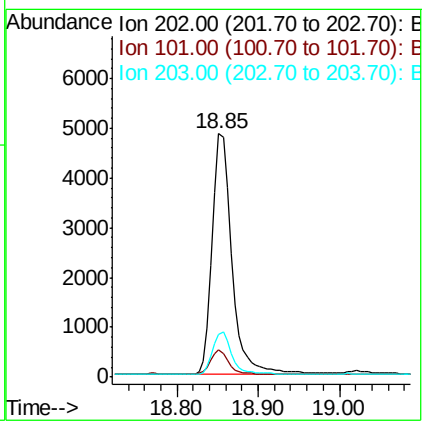


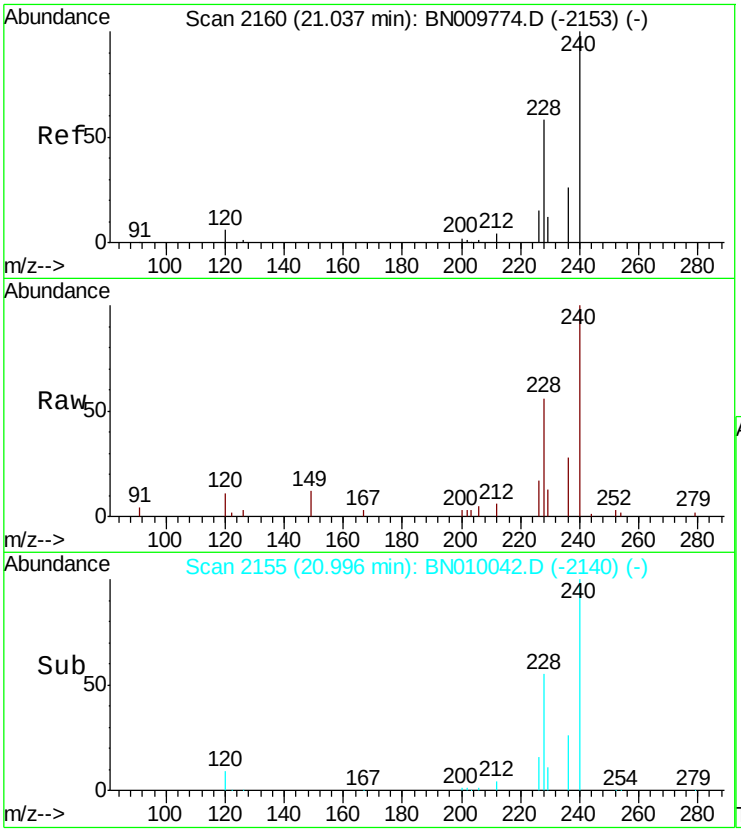


#26
Fluoranthene
Concen: 0.406 ng
RT: 18.85 min Scan# 1829
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:202 Resp: 8199

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.1	10.7
203	17.2	13.8	20.6



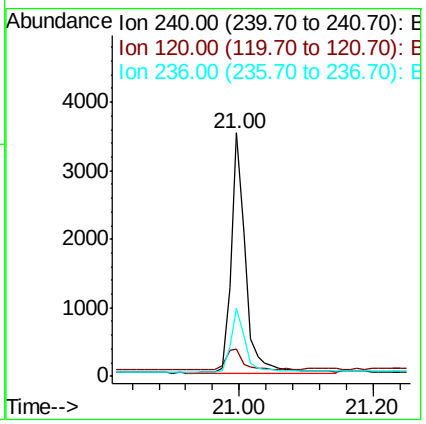


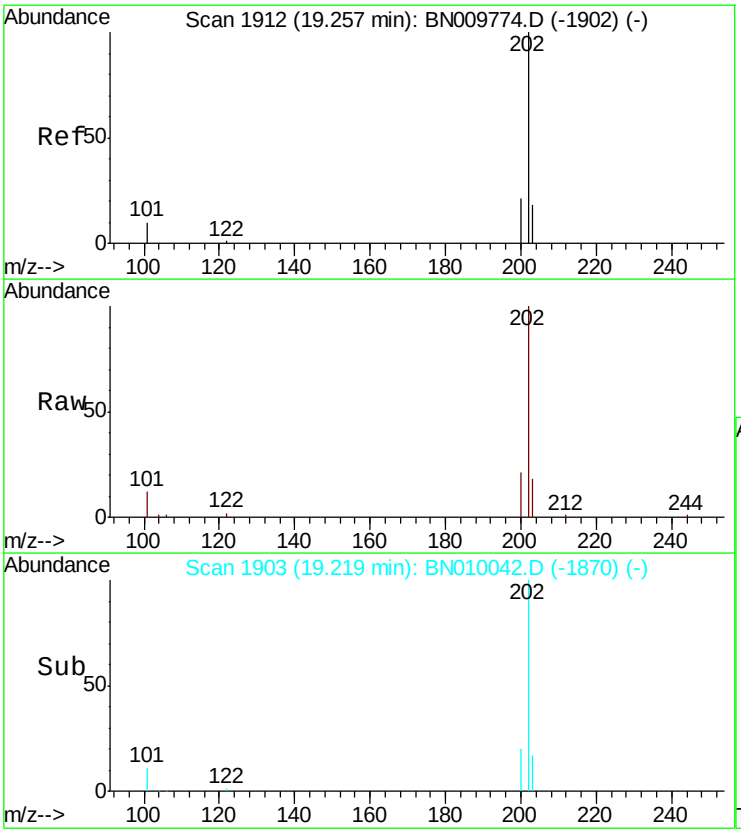
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2155
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 5189

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.9	11.9
236	27.8	22.0	33.0

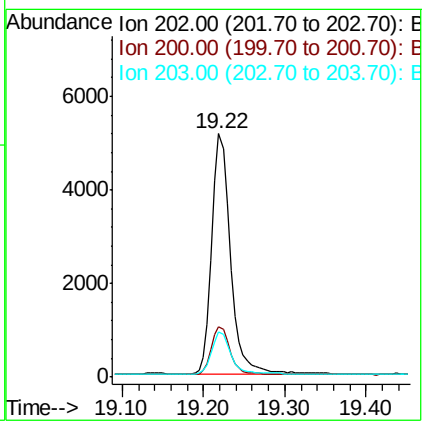


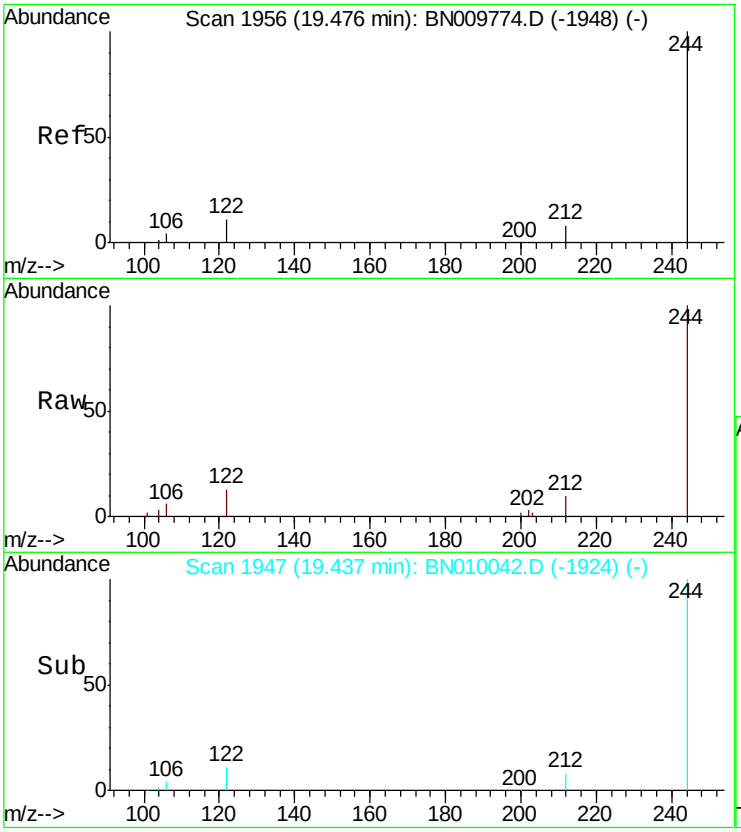


#28
Pyrene
Concen: 0.416 ng
RT: 19.22 min Scan# 1903
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:202 Resp: 8205

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	18.1	13.9	20.9



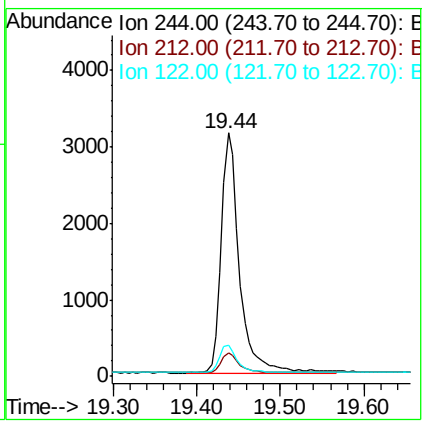


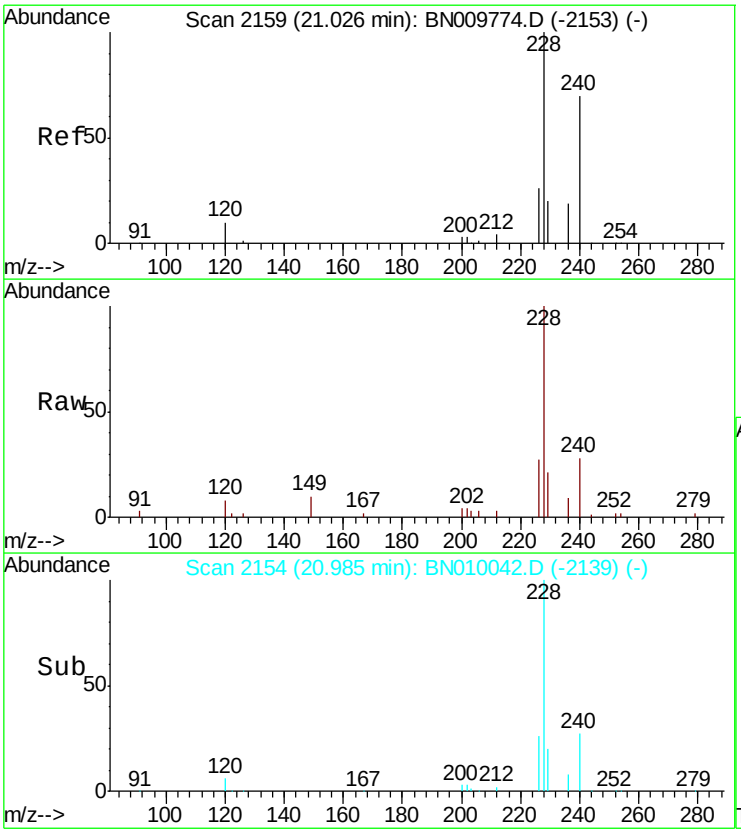
#29
Terphenyl-d14
Concen: 0.385 ng
RT: 19.44 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4769

Ion	Ratio	Lower	Upper
244	100		
212	9.6	8.0	12.0
122	12.6	10.0	15.0

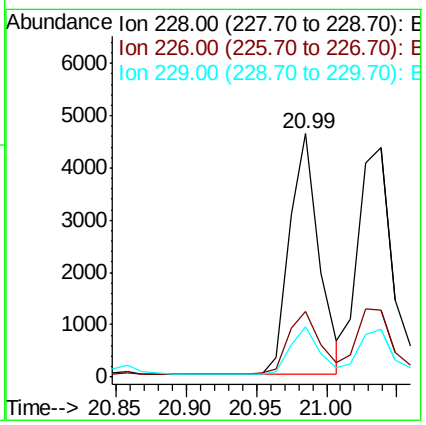


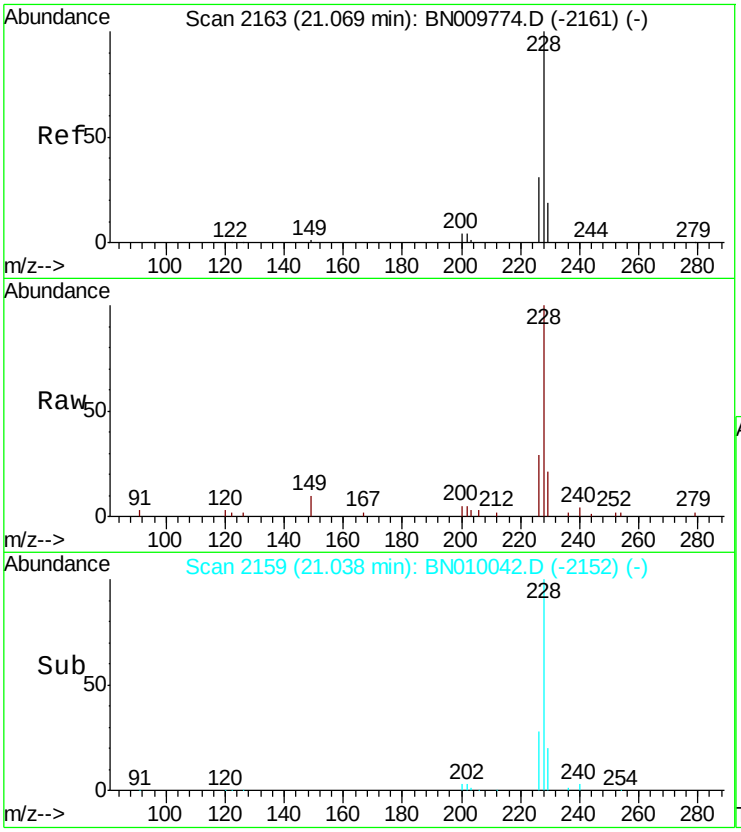


#30
Benzo(a)anthracene
Concen: 0.392 ng
RT: 20.99 min Scan# 2154
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:228 Resp: 6751

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.8
229	20.7	17.1	25.7



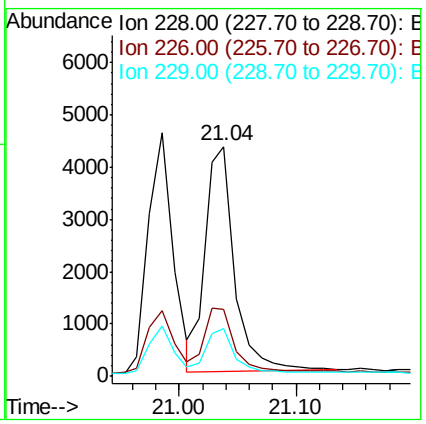


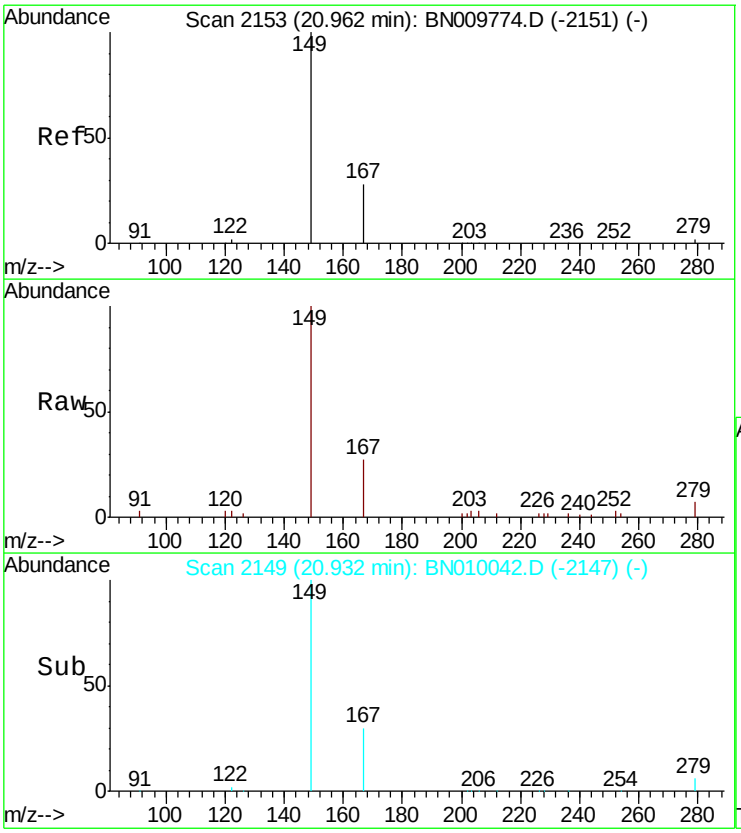
#31
Chrysene
Concen: 0.377 ng
RT: 21.04 min Scan# 2159
Delta R.T. -0.03 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 7516

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.8	37.2
229	20.8	16.4	24.6

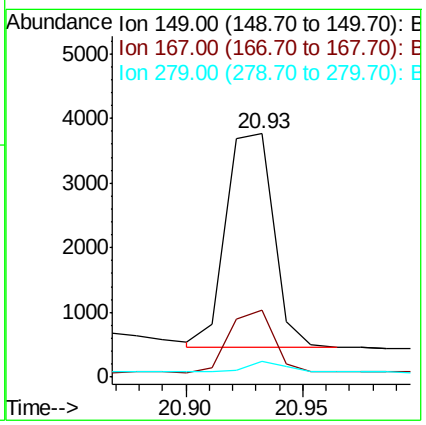


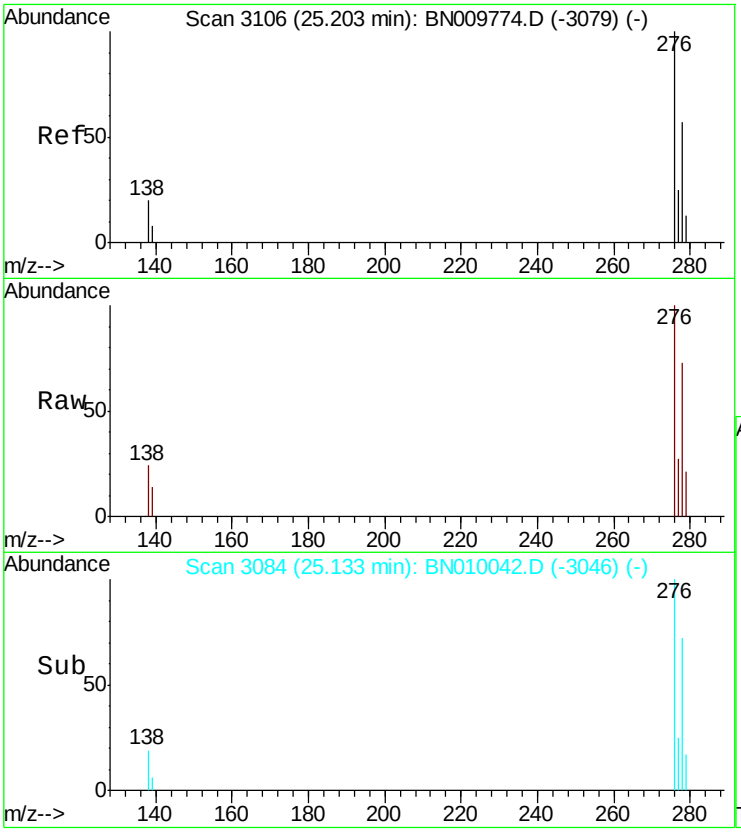


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.552 ng
RT: 20.93 min Scan# 2149
Delta R.T. -0.03 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:149 Resp: 4635

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.7	34.1
279	4.3	3.1	4.7



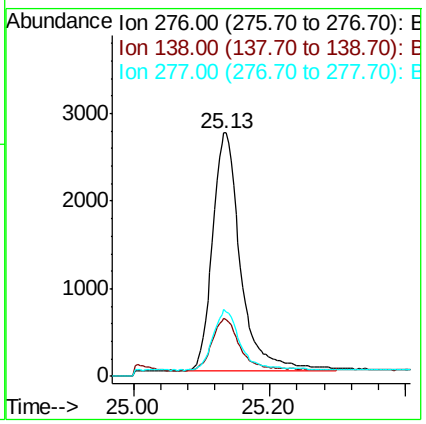


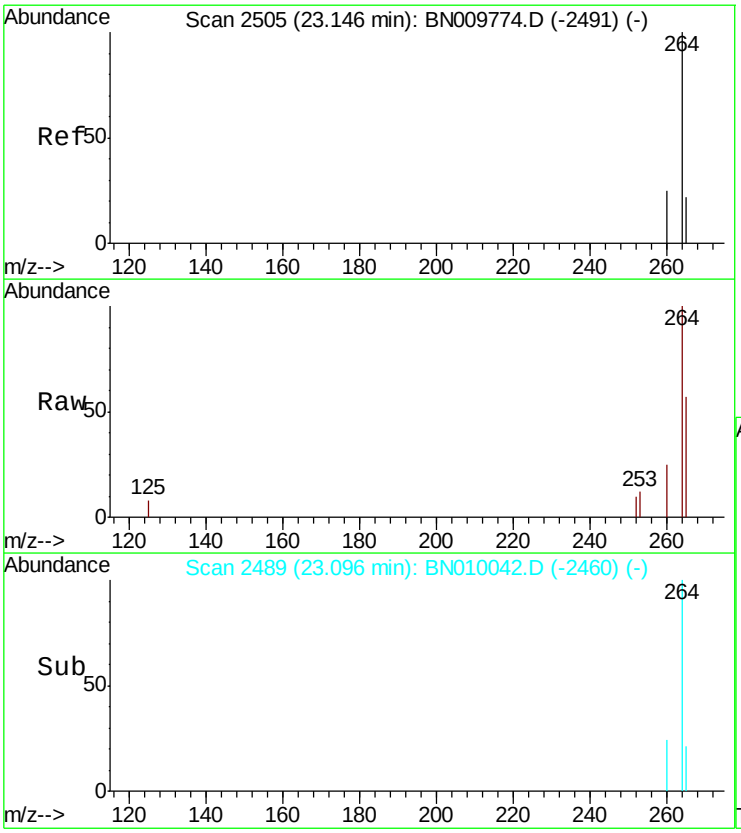
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng
RT: 25.13 min Scan# 3084
Delta R.T. -0.07 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7742

Ion	Ratio	Lower	Upper
276	100		
138	20.2	15.8	23.6
277	23.4	19.3	28.9

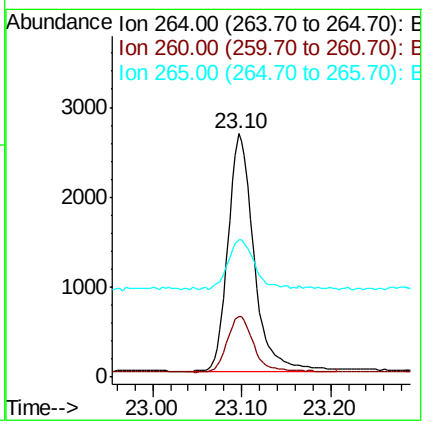


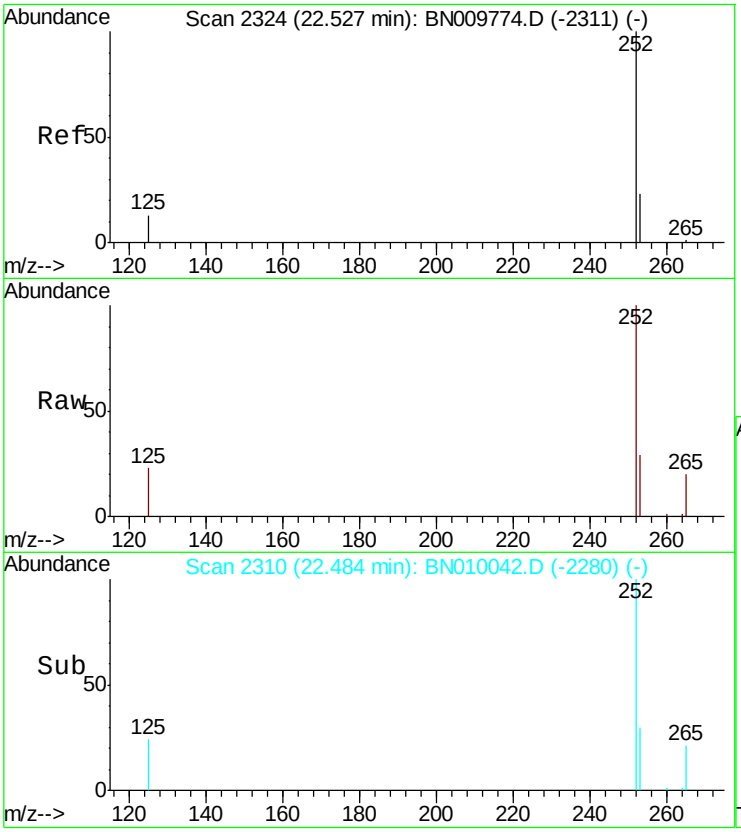


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2489
Delta R.T. -0.05 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:264 Resp: 5367

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.1	31.7
265	56.6	57.5	86.3#



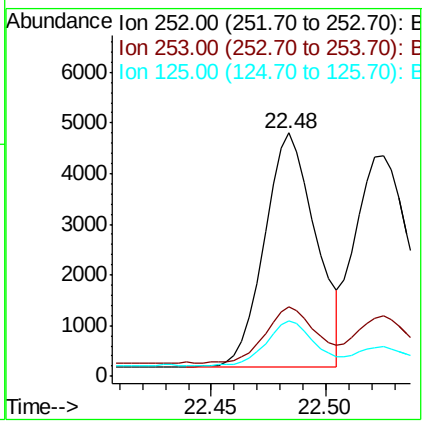


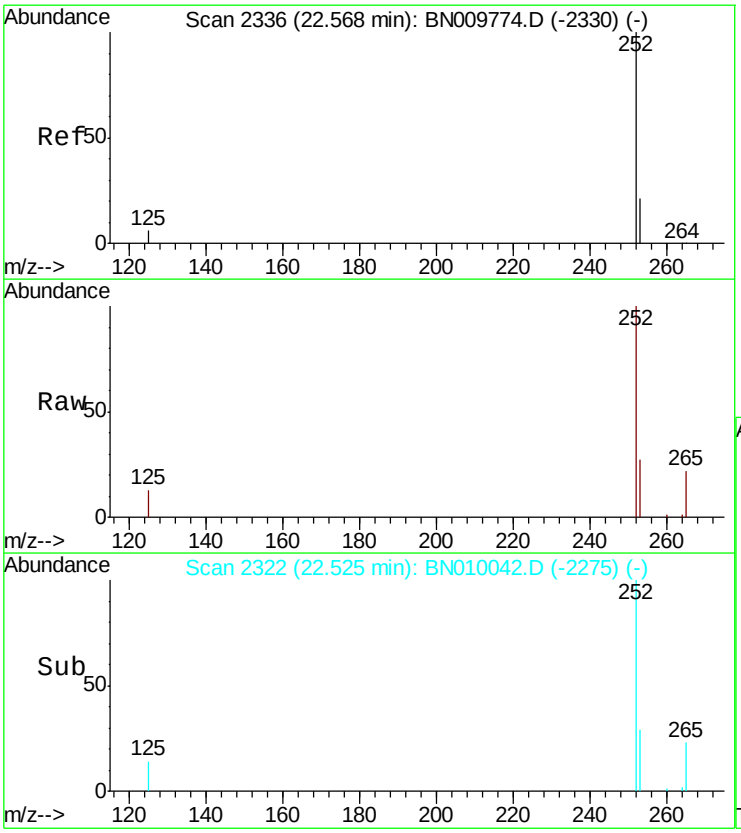
#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 22.48 min Scan# 2310
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7183

Ion	Ratio	Lower	Upper
252	100		
253	28.5	23.0	34.6
125	22.7	14.4	21.6#

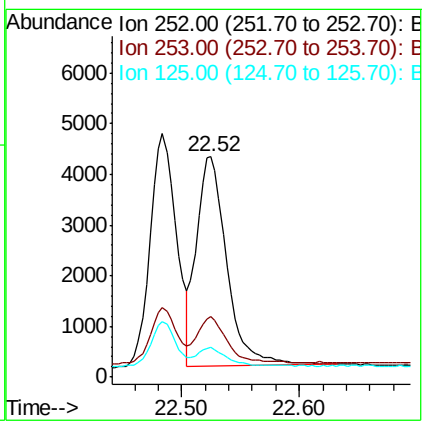


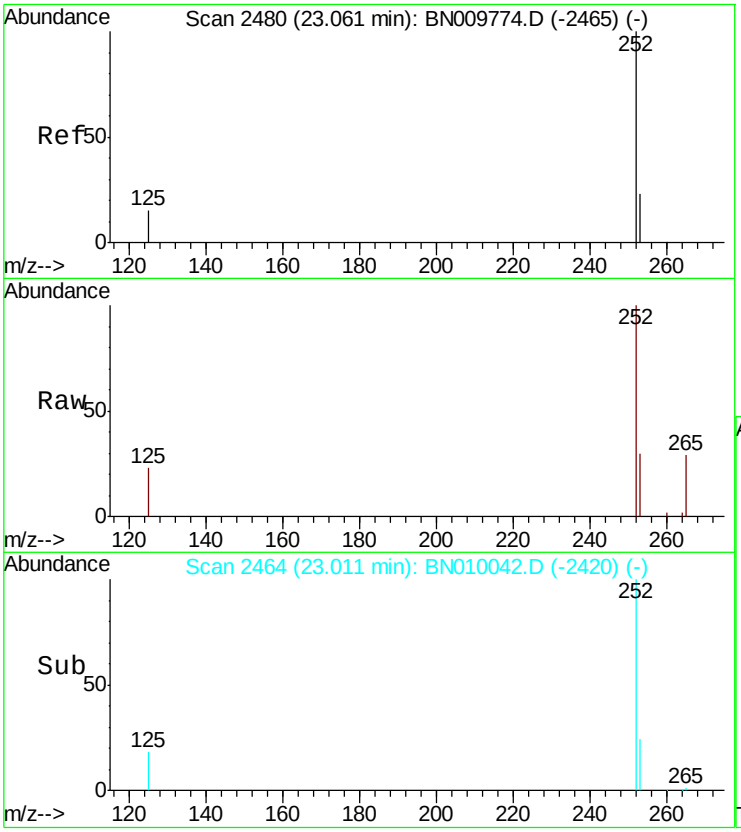


#36
Benzo(k)fluoranthene
Concen: 0.348 ng
RT: 22.52 min Scan# 2322
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:252 Resp: 7426

Ion	Ratio	Lower	Upper
252	100		
253	27.4	22.2	33.2
125	13.4	10.5	15.7



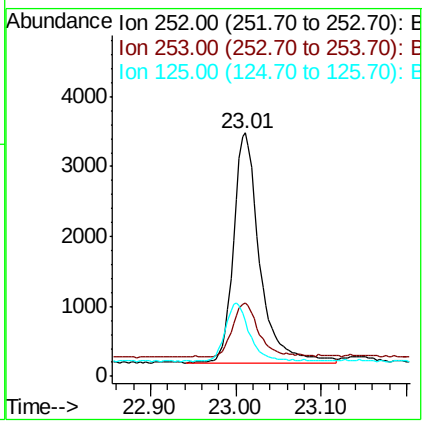


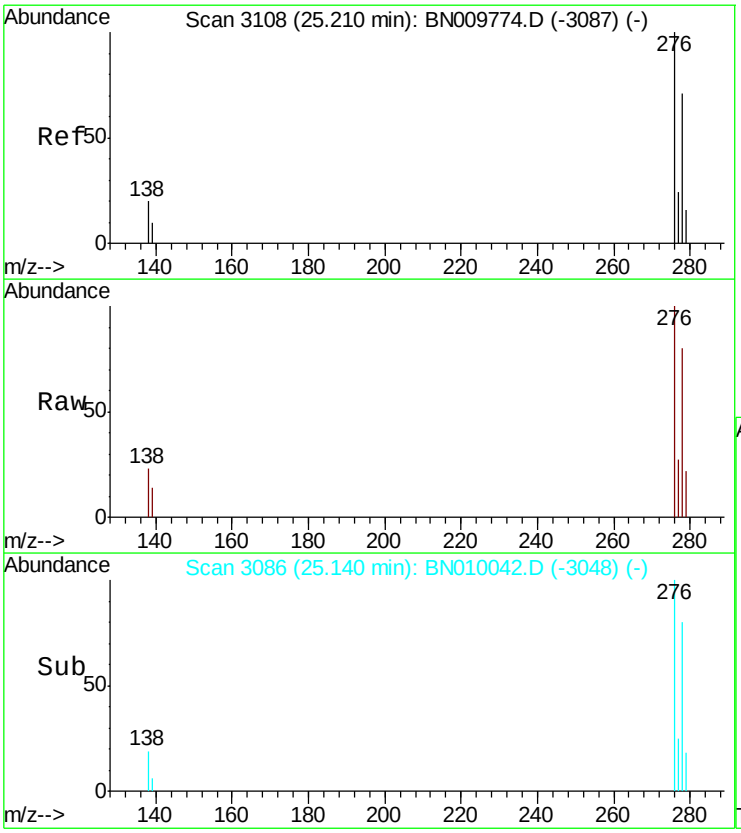
#37
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.01 min Scan# 2464
Delta R.T. -0.05 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6949

Ion	Ratio	Lower	Upper
252	100		
253	30.1	25.3	37.9
125	23.0	17.7	26.5

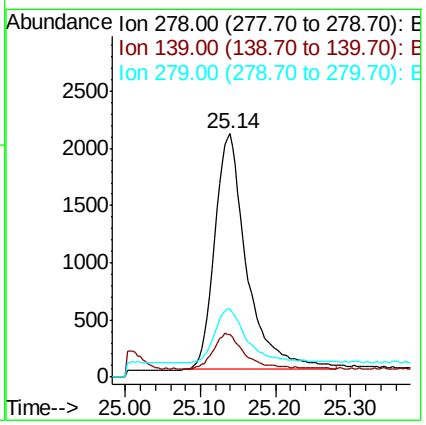


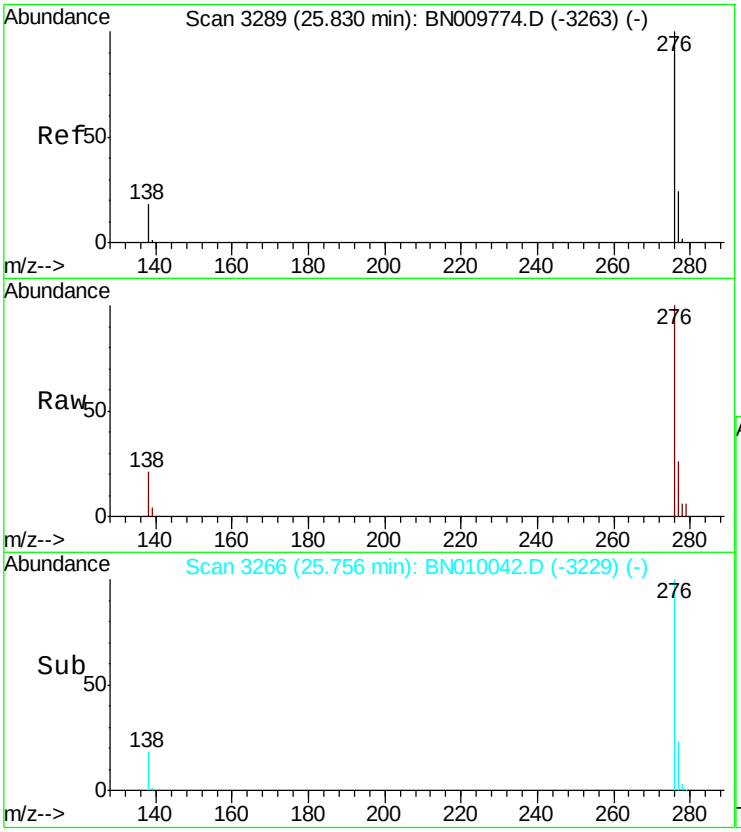


#38
Dibenzo(a,h)anthracene
Concen: 0.345 ng
RT: 25.14 min Scan# 3086
Delta R.T. -0.07 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:278 Resp: 6089

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.5	21.7
279	27.9	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 0.346 ng
RT: 25.76 min Scan# 3266
Delta R.T. -0.07 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 6498

Ion	Ratio	Lower	Upper
276	100		
277	26.0	21.4	32.0
138	20.9	16.6	24.8