Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010267.D
Acq On : 18 Mar 2020 17:20
Operator : CG/JU
Sample : PB127606BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 19 01:13:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3594	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	12490	0.40	ng		-0.01
13) Acenaphthene-d10	14.25	164	7658	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	18553	0.40	ng		-0.01
27) Chrysene-d12	21.19	240	18638	0.40	ng		-0.01
34) Perylene-d12	23.35	264	19749	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	2744	0.33	ng		0.00
5) Phenol-d6	6.81	99	3482	0.33	ng		0.00
8) Nitrobenzene-d5	8.76	82	2942	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7869	0.38	ng		-0.01
14) 2,4,6-Tribromophenol	15.73	330	1004	0.37	ng		-0.02
15) 2-Fluorobiphenyl	12.86	172	11996	0.44	ng		-0.01
25) Fluoranthene-d10	19.02	212	21121	0.37	ng		-0.01
29) Terphenyl-d14	19.63	244	16670	0.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	1369	0.390	ng	#	54
3) n-Nitrosodimethylamine	3.57	42	928	0.299	ng	#	36
6) bis(2-Chloroethyl)ether	7.06	93	3360	0.382	ng		96
9) Naphthalene	10.43	128	12472	0.399	ng		96
10) Hexachlorobutadiene	10.73	225	3075	0.427	ng	#	96
12) 2-Methylnaphthalene	12.05	142	8614	0.383	ng		96
16) Acenaphthylene	13.96	152	11429	0.323	ng		100
17) Acenaphthene	14.30	154	8534	0.398	ng		97
18) Fluorene	15.29	166	11272	0.386	ng		100
20) 4-Bromophenyl-phenylether	16.19	248	4297	0.403	ng	#	89
21) Hexachlorobenzene	16.31	284	4698	0.452	ng		99
22) Pentachlorophenol	16.65	266	1160	0.361	ng		89
23) Phenanthrene	17.03	178	20013	0.407	ng		100
24) Anthracene	17.11	178	16295	0.332	ng		99
26) Fluoranthene	19.05	202	23828	0.382	ng		99
28) Pyrene	19.42	202	23663	0.380	ng		99
30) Benzo(a)anthracene	21.16	228	21633	0.341	ng		98
31) Chrysene	21.22	228	25241	0.405	ng		98
32) Bis(2-ethylhexyl)phthalate	21.13	149	5751	0.213	ng	#	96
33) Indeno(1,2,3-cd)pyrene	25.50	276	28797	0.389	ng		98
35) Benzo(b)fluoranthene	22.71	252	24583	0.405	ng		99
36) Benzo(k)fluoranthene	22.76	252	25583	0.417	ng		99
37) Benzo(a)pyrene	23.26	252	20518	0.358	ng		98
38) Dibenzo(a,h)anthracene	25.52	278	23542	0.410	ng		98
39) Benzo(g,h,i)perylene	26.15	276	22949	0.400	ng		97

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

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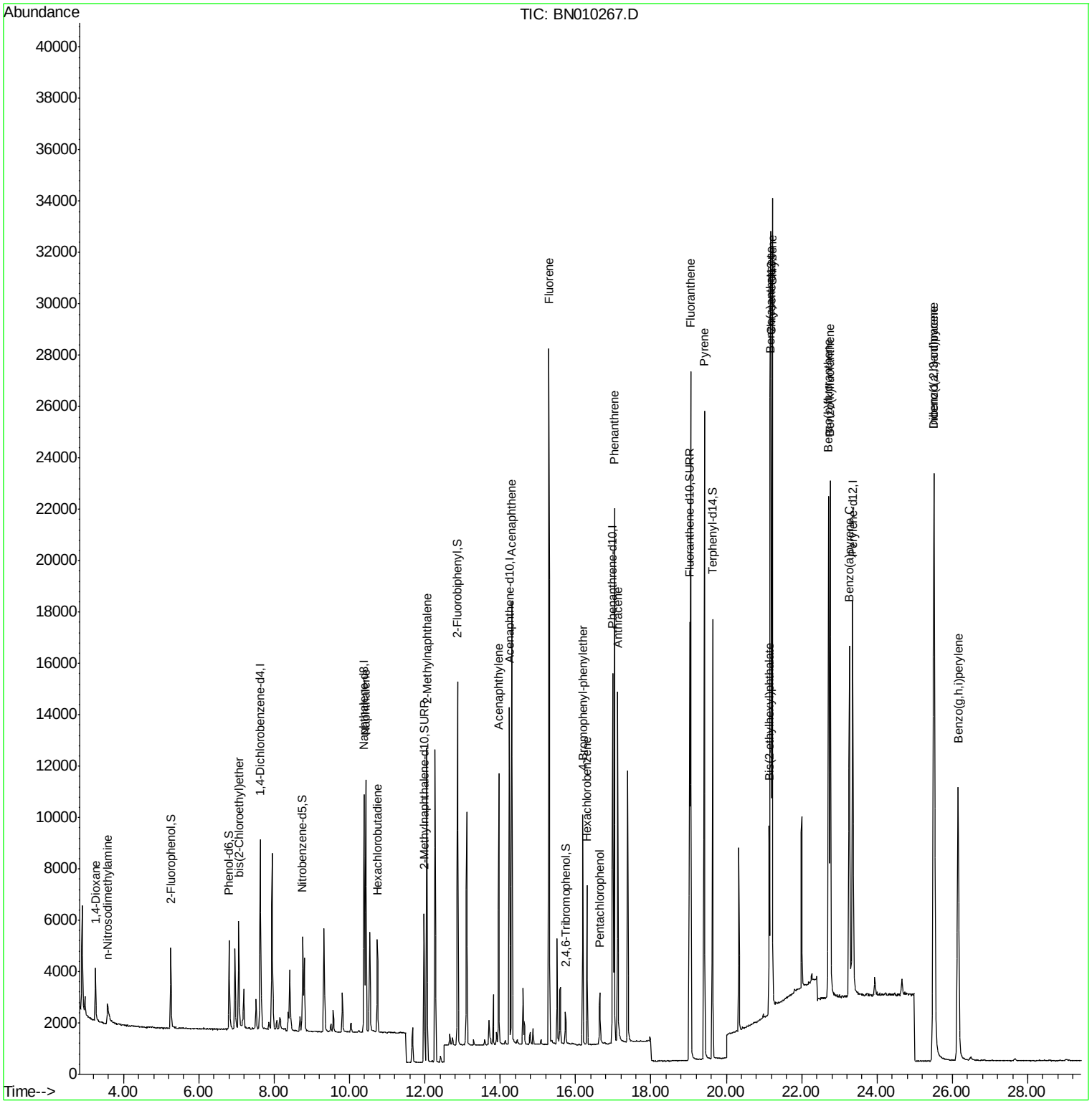
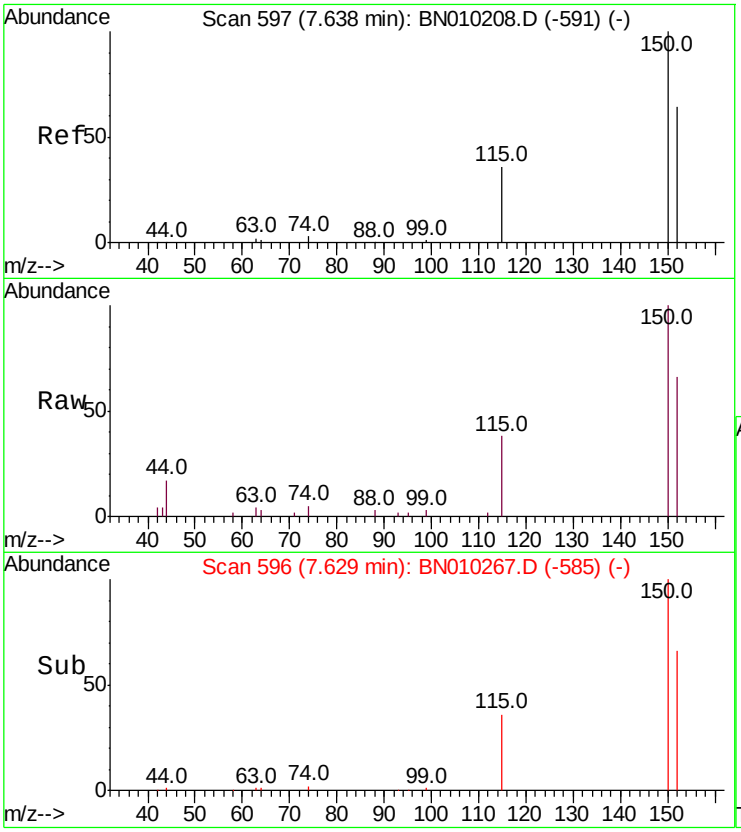
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 19 01:13:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration



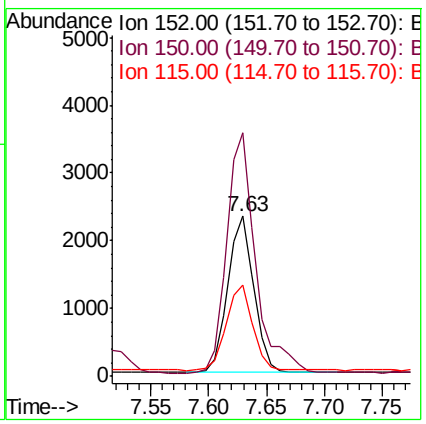


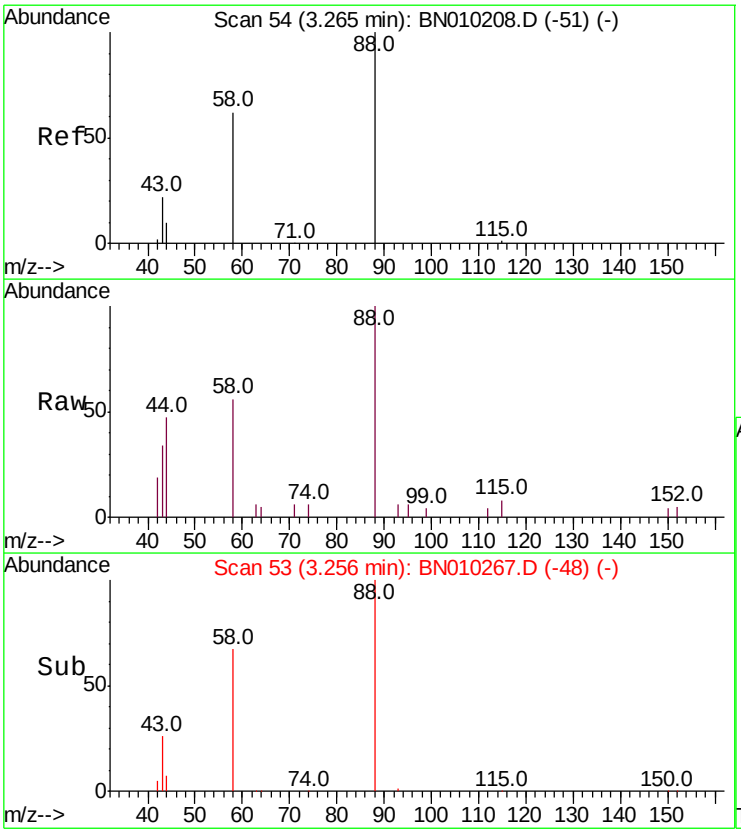
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3594

Ion	Ratio	Lower	Upper
152	100		
150	152.2	119.5	179.3
115	57.1	50.9	76.3

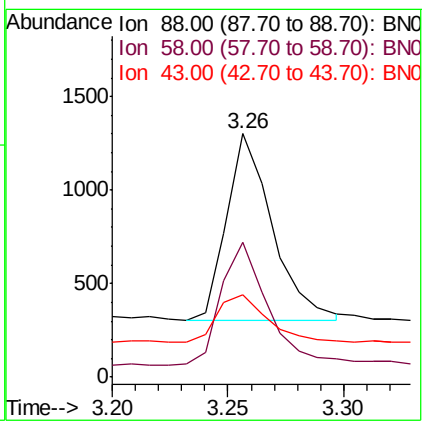


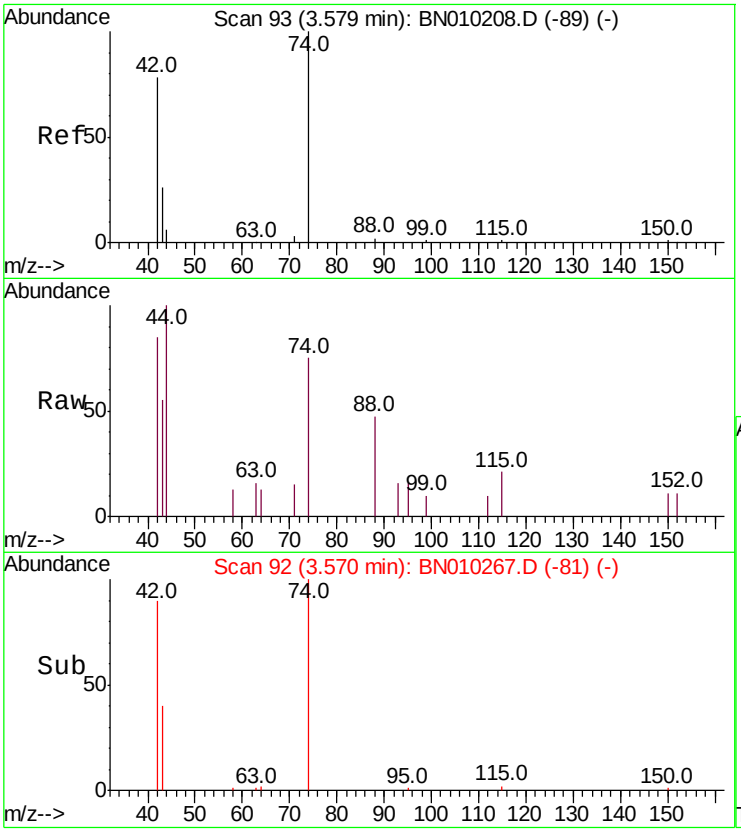


#2
1,4-Dioxane
Concen: 0.390 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion: 88 Resp: 1369

Ion	Ratio	Lower	Upper
88	100		
58	66.8	97.8	146.8#
43	27.2	45.1	67.7#



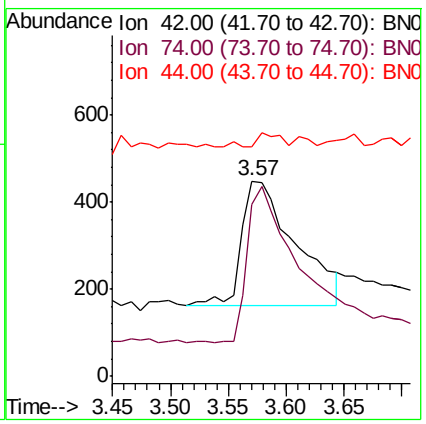


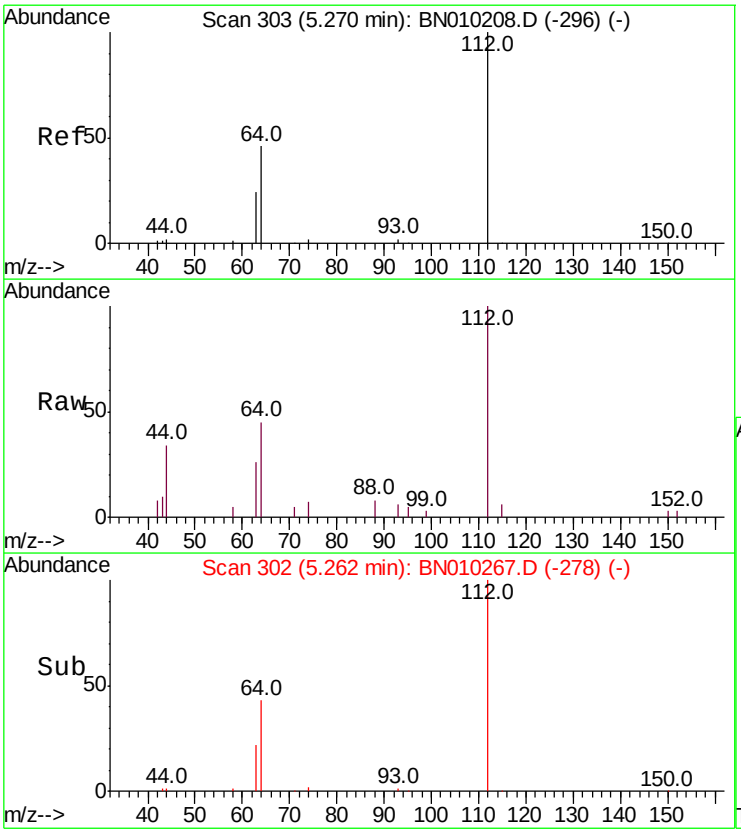
#3
n-Nitrosodimethylamine
Concen: 0.299 ng
RT: 3.57 min Scan# 92
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 928

Ion	Ratio	Lower	Upper
42	100		
74	116.2	51.2	76.8#
44	5.2	2.6	4.0#

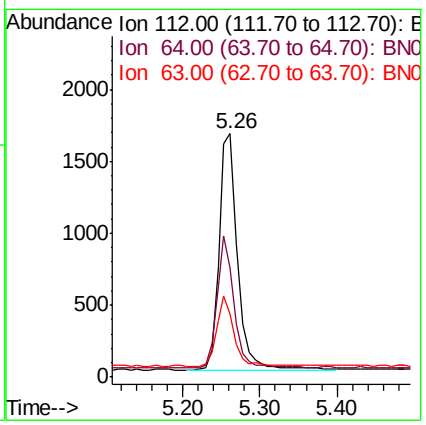


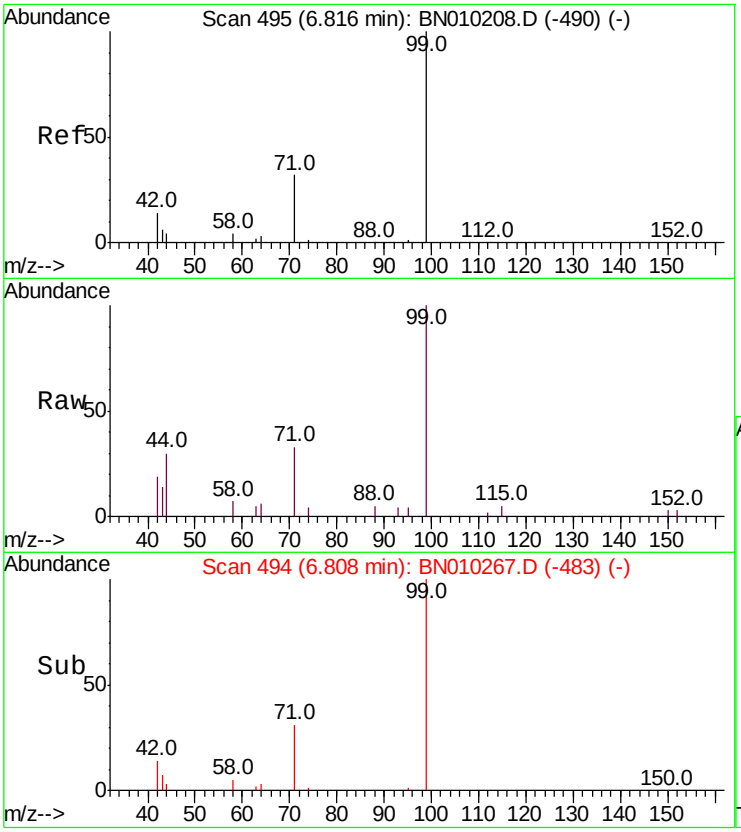


#4
2-Fluorophenol
Concen: 0.325 ng
RT: 5.26 min Scan# 302
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:112 Resp: 2744

Ion	Ratio	Lower	Upper
112	100		
64	51.9	42.6	63.8
63	27.5	23.6	35.4



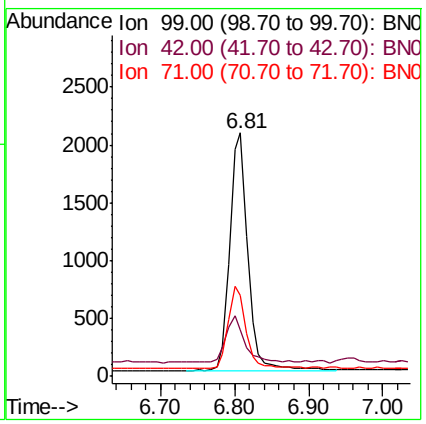


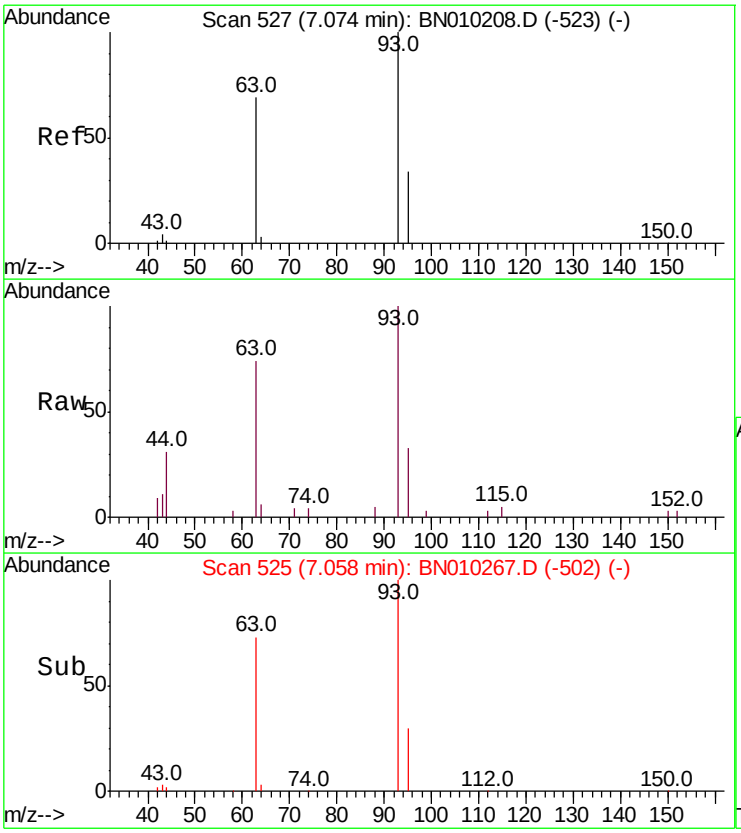
#5
Phenol-d6
Concen: 0.330 ng
RT: 6.81 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3482

Ion	Ratio	Lower	Upper
99	100		
42	20.9	12.0	18.0#
71	33.3	22.6	33.8

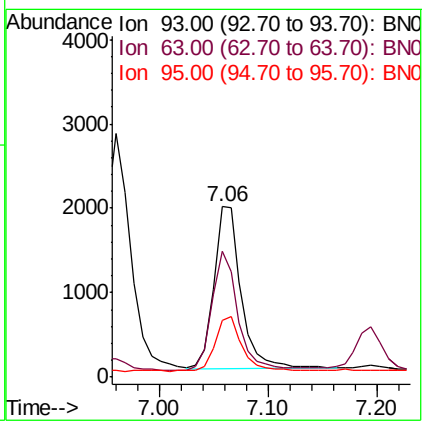


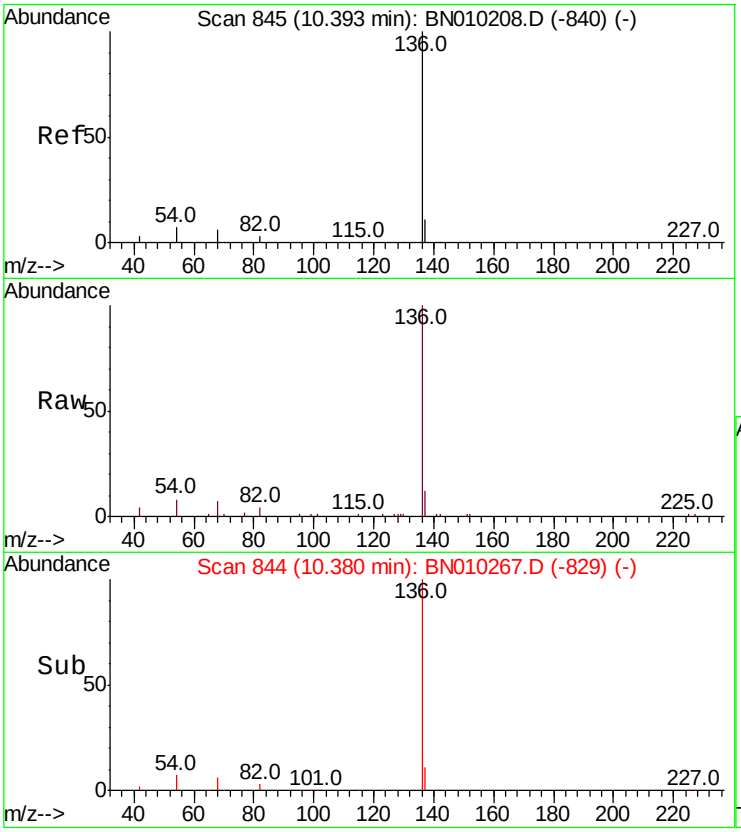


#6
bis(2-Chloroethyl)ether
Concen: 0.382 ng
RT: 7.06 min Scan# 525
Delta R.T. -0.02 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion: 93 Resp: 3360

Ion	Ratio	Lower	Upper
93	100		
63	70.1	53.4	80.0
95	33.1	28.6	42.8



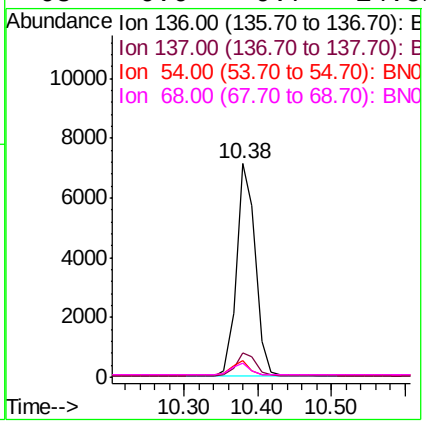


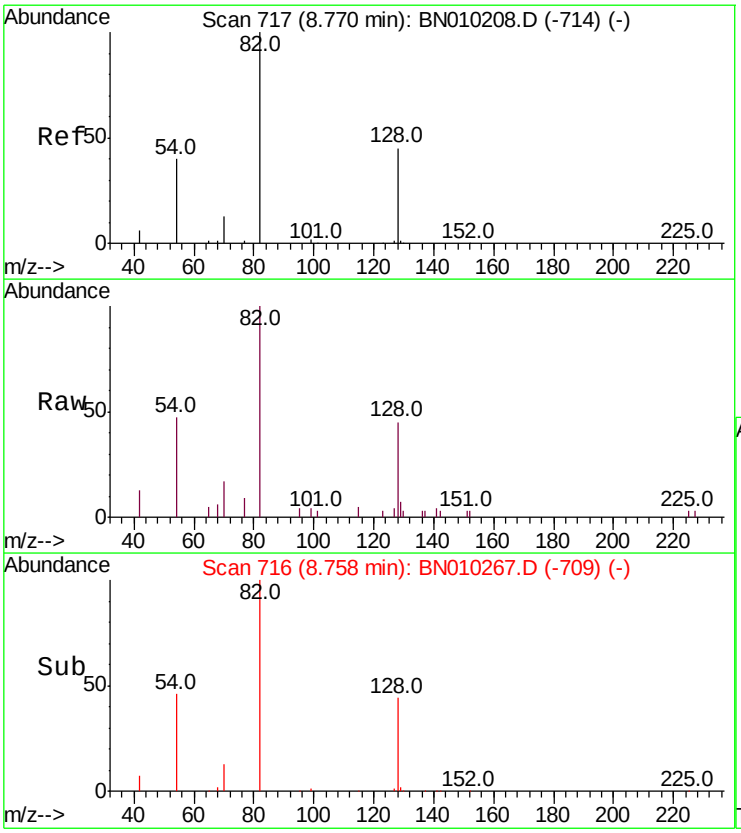
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 12490

Ion	Ratio	Lower	Upper
136	100		
137	11.6	10.6	15.8
54	7.6	9.5	14.3#
68	6.6	9.7	14.5#

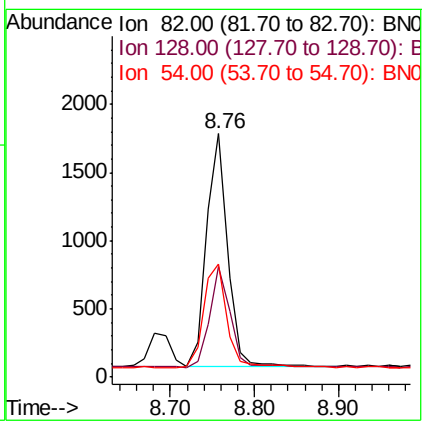


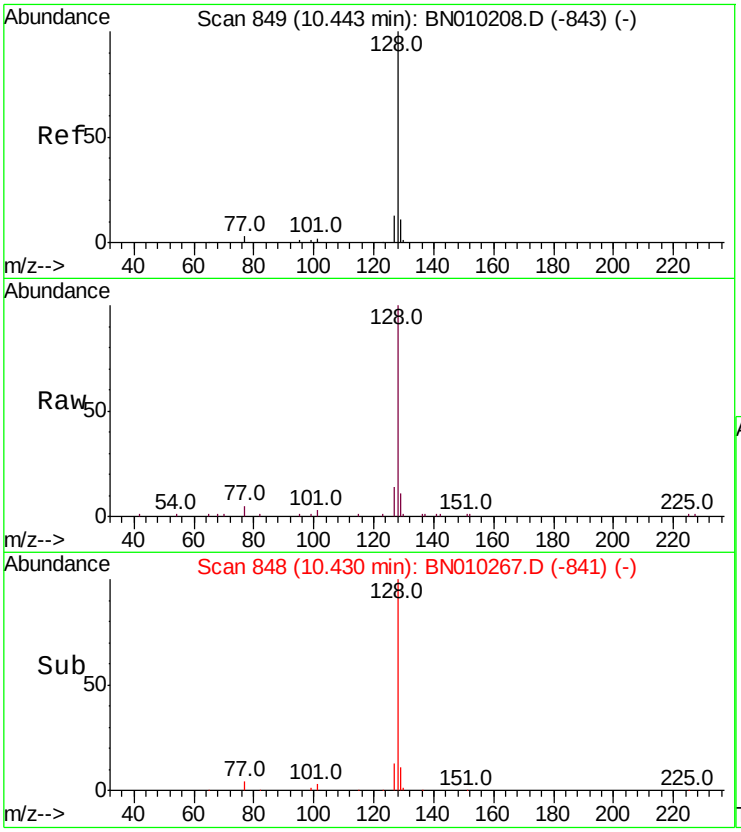


#8
Nitrobenzene-d5
Concen: 0.393 ng
RT: 8.76 min Scan# 716
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion: 82 Resp: 2942

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.0	52.6
54	46.6	37.0	55.4

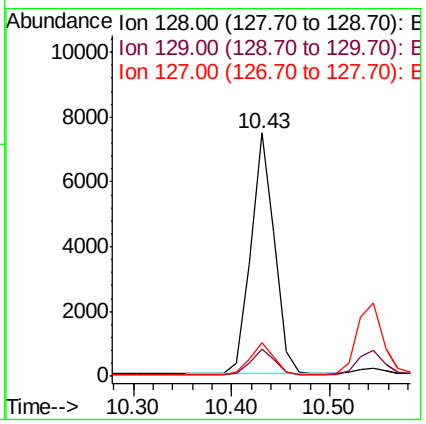




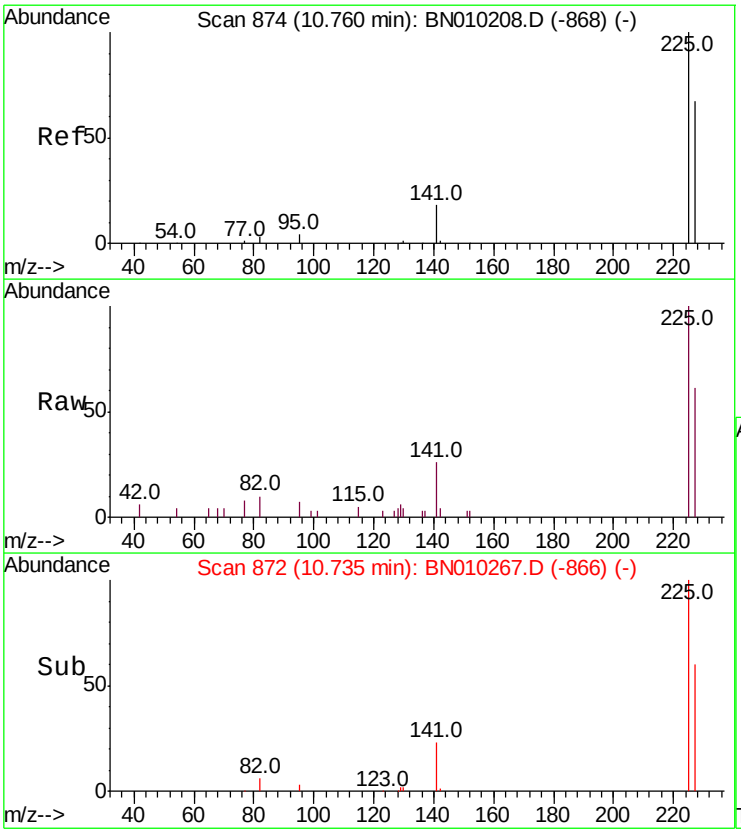
#9
Naphthalene
Concen: 0.399 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:128 Resp: 12472

Ion	Ratio	Lower	Upper
128	100		
129	11.4	10.5	15.7
127	13.8	12.1	18.1



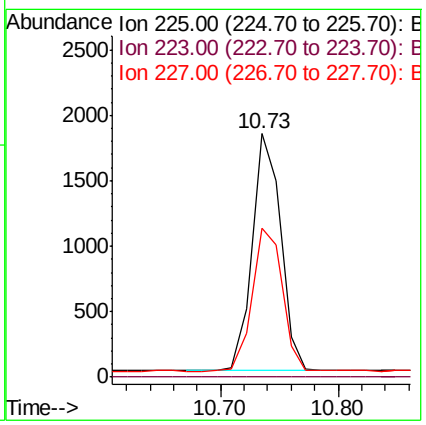
Instrument :
BNA_N
ClientSampleId :

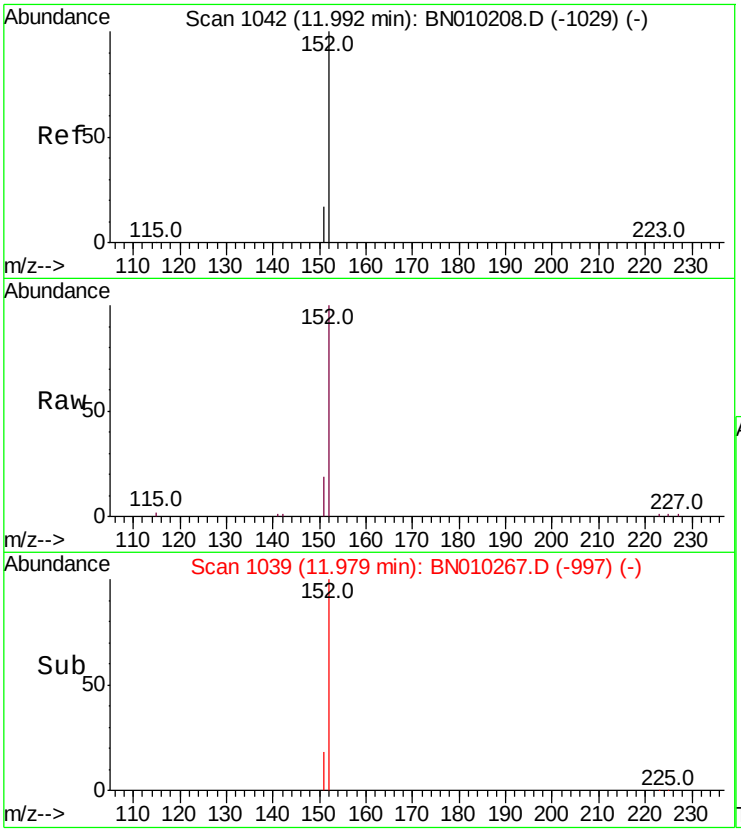


#10
Hexachlorobutadiene
Concen: 0.427 ng
RT: 10.73 min Scan# 872
Delta R.T. -0.03 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:225 Resp: 3075

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	53.4	80.2



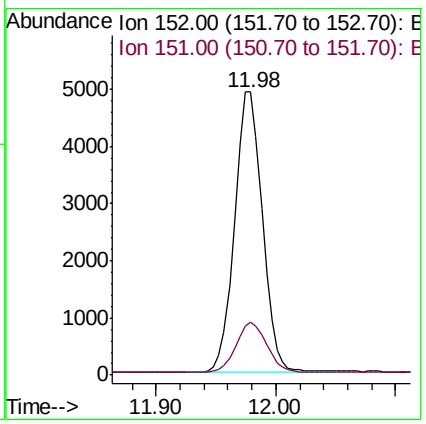


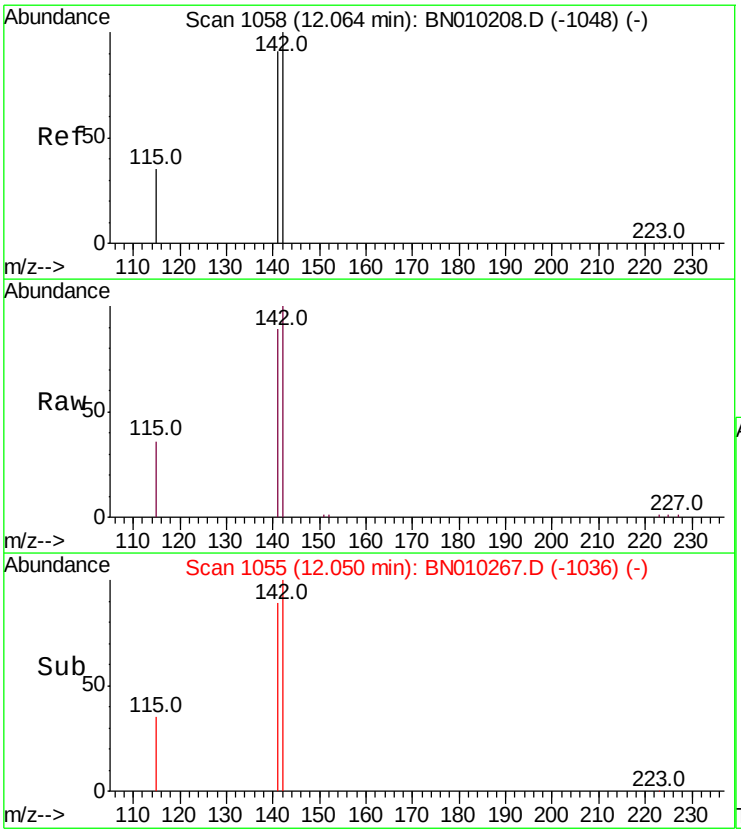
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 11.98 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7869

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.0	22.6

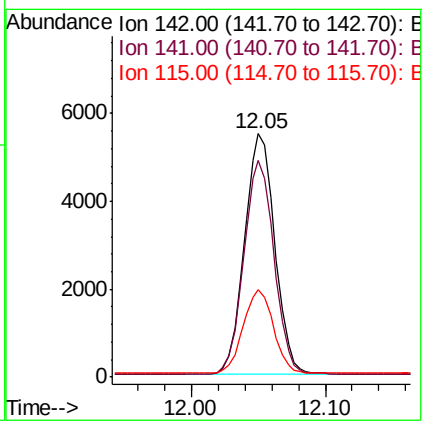


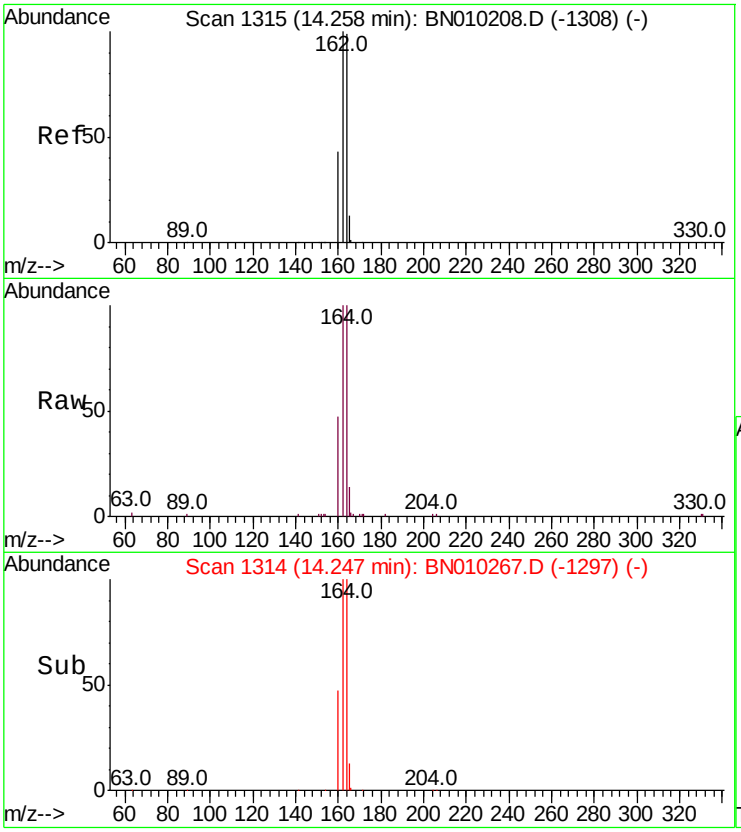


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:142 Resp: 8614

Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.7	110.5
115	35.8	31.2	46.8



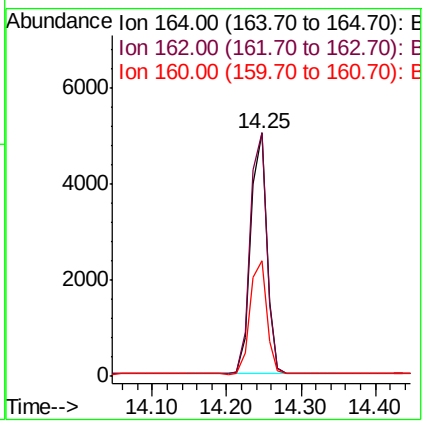


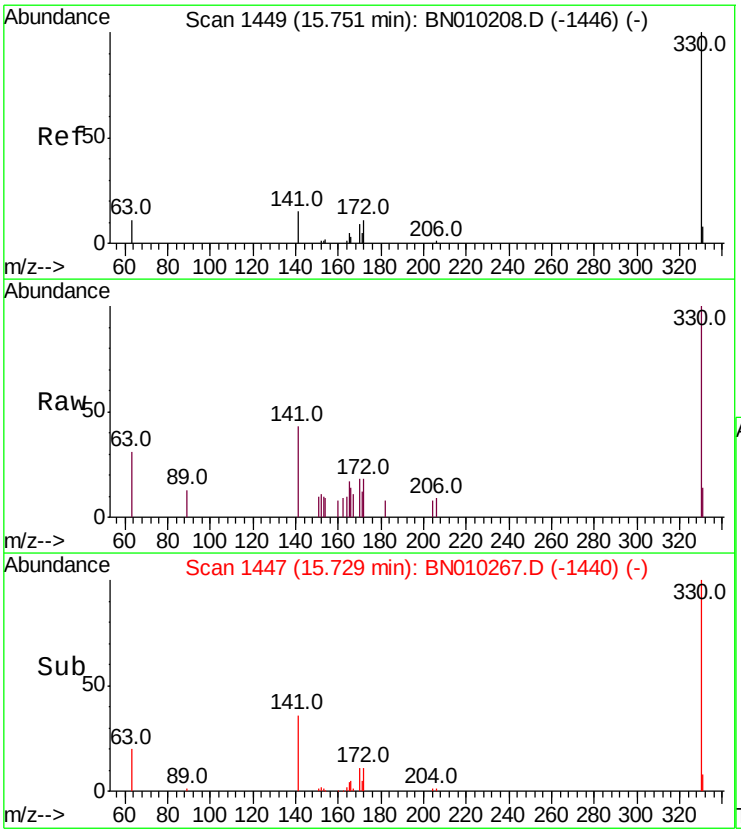
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7658

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.0	121.4
160	47.4	35.6	53.4

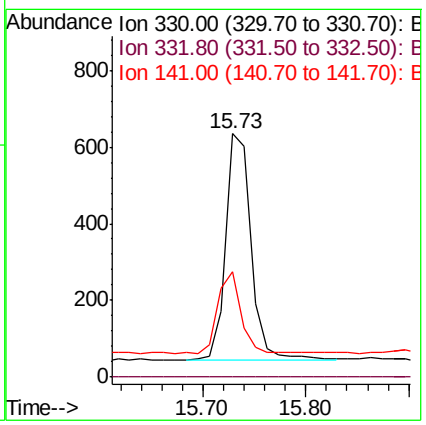


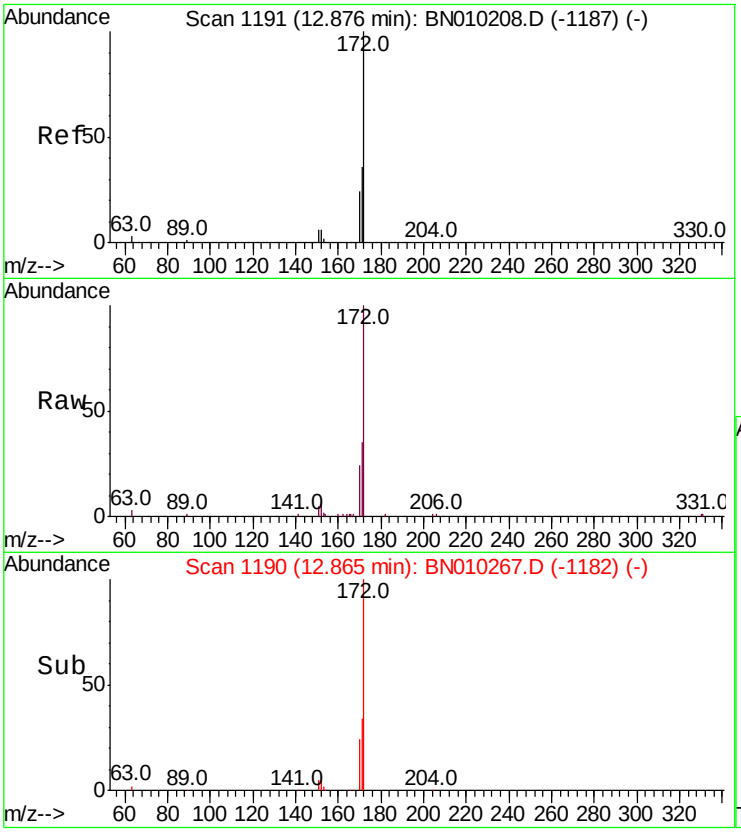


#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:330 Resp: 1004

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.2	25.1	37.7



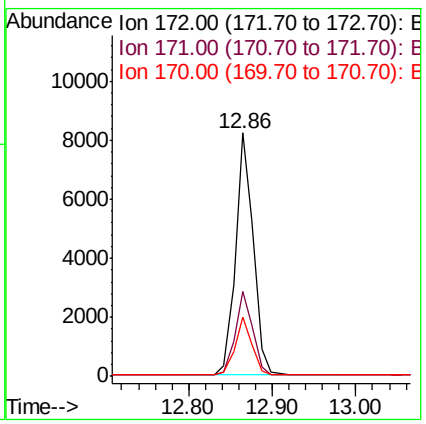


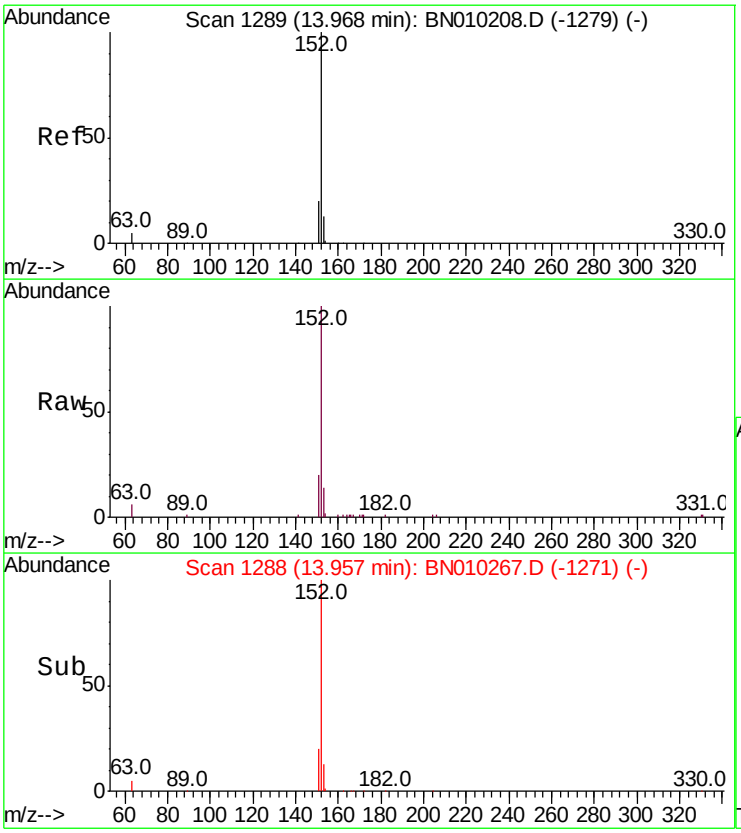
#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 11996

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.4	44.2
170	24.1	20.2	30.4

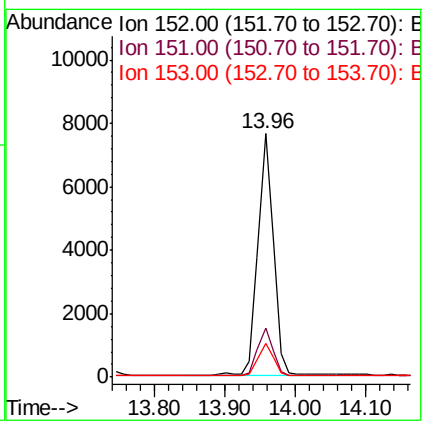


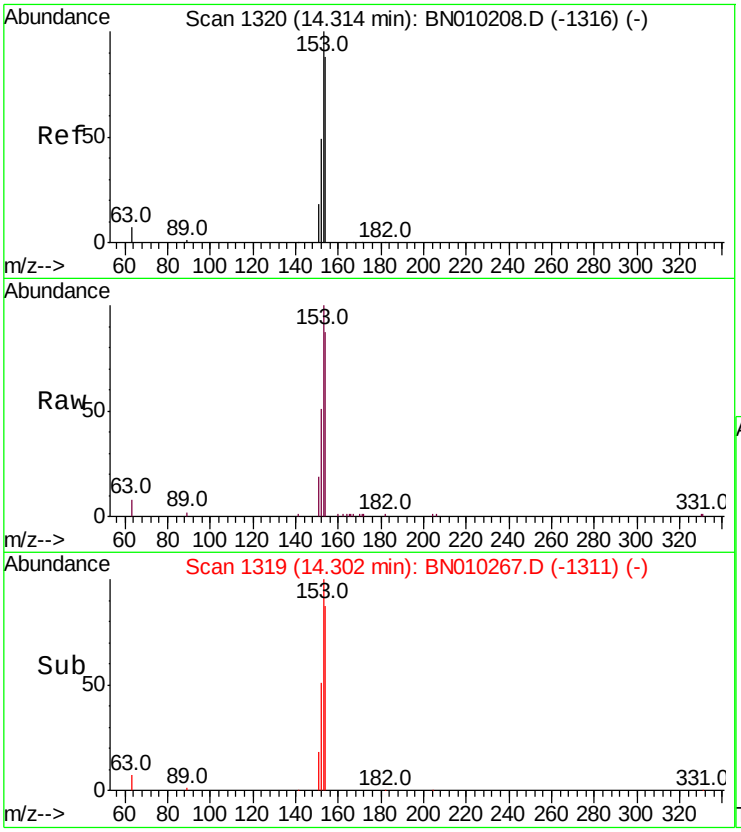


#16
Acenaphthylene
Concen: 0.323 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:152 Resp: 11429

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	13.3	10.6	16.0



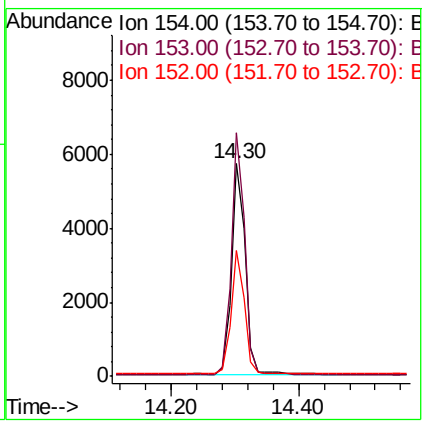


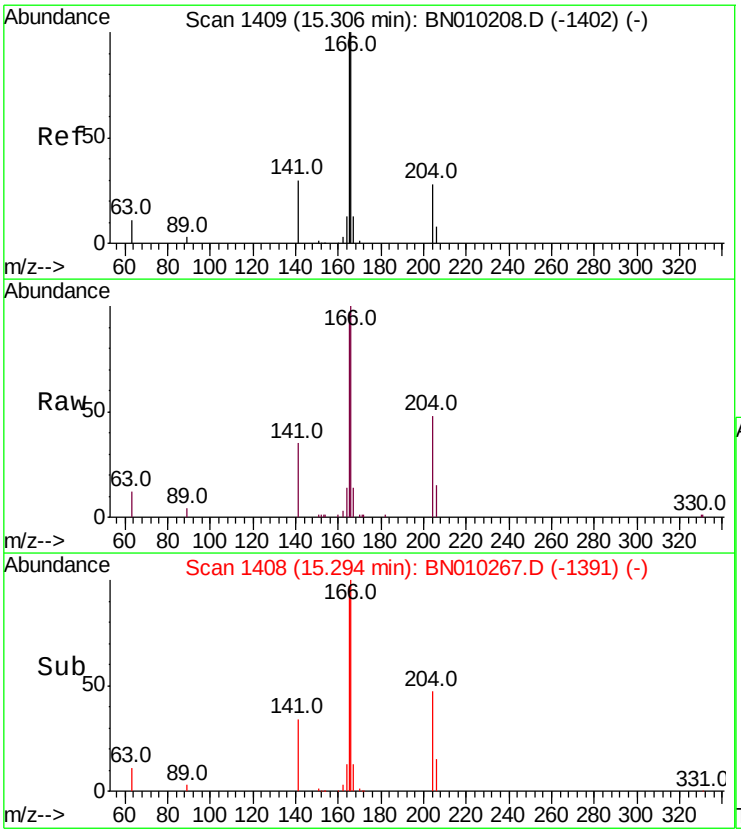
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 8534

Ion	Ratio	Lower	Upper
154	100		
153	110.3	90.3	135.5
152	56.5	42.9	64.3

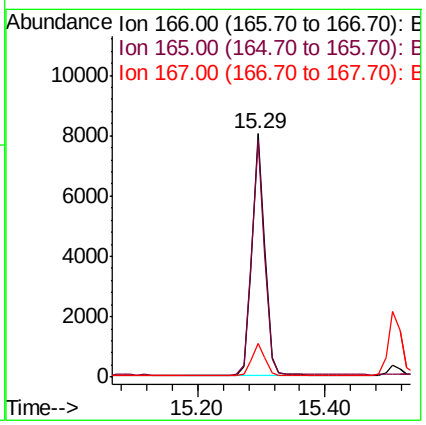


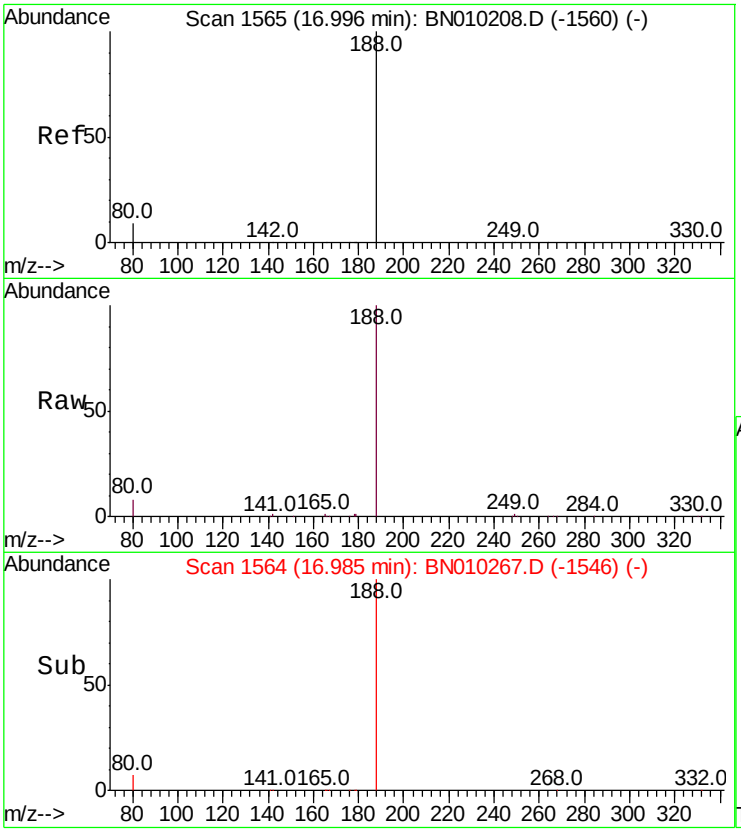


#18
Fluorene
Concen: 0.386 ng
RT: 15.29 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:166 Resp: 11272

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.3	117.5
167	13.8	10.7	16.1



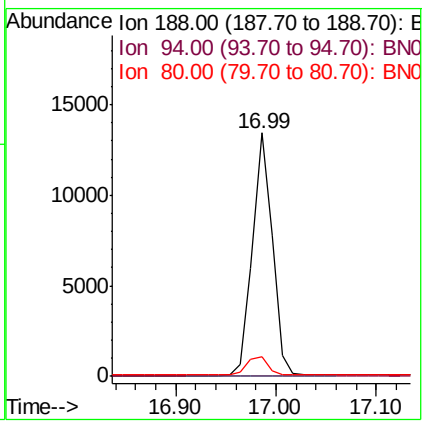


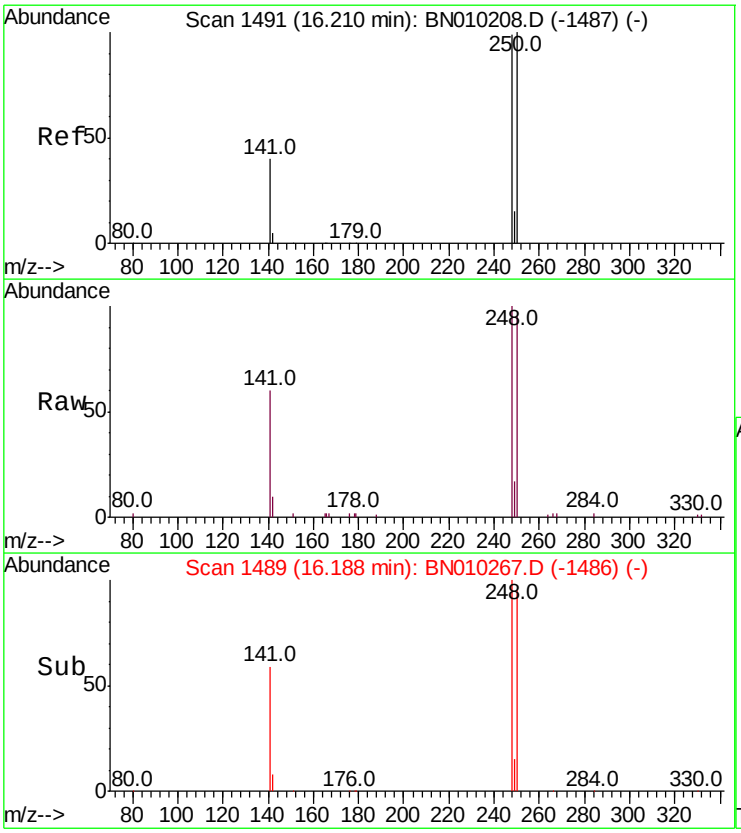
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 18553

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	8.6	12.8#

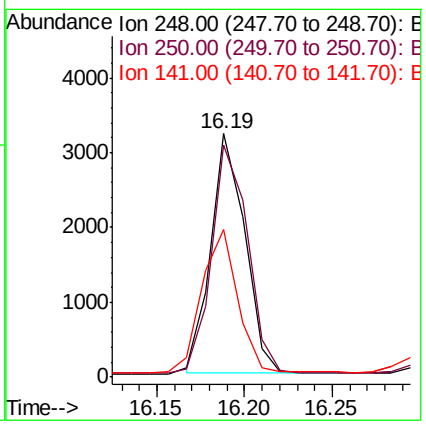


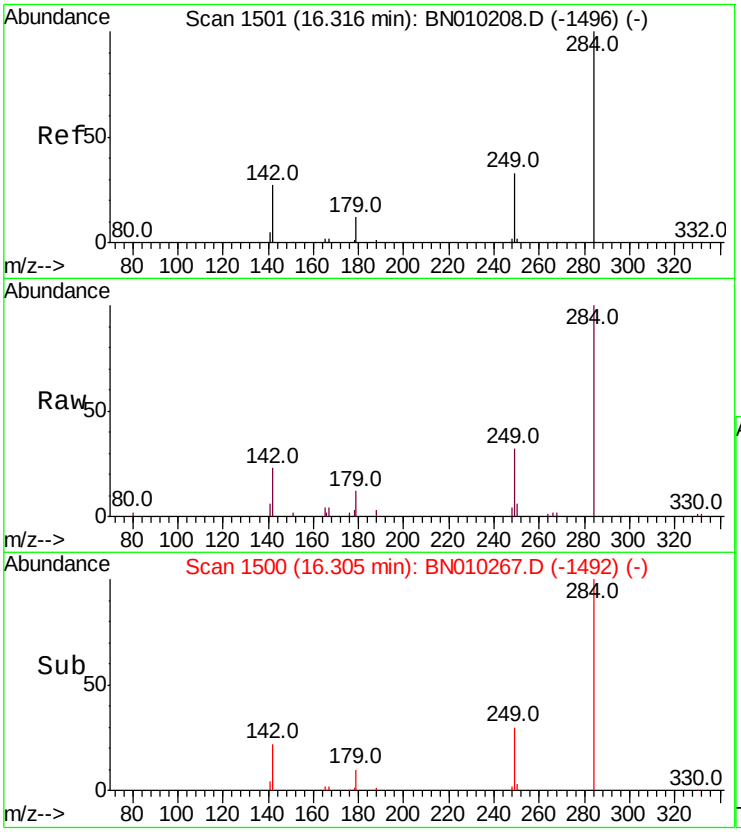


#20
4-Bromophenyl-phenylether
Concen: 0.403 ng
RT: 16.19 min Scan# 1489
Delta R.T. -0.02 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:248 Resp: 4297

Ion	Ratio	Lower	Upper
248	100		
250	95.2	81.2	121.8
141	60.4	36.7	55.1#



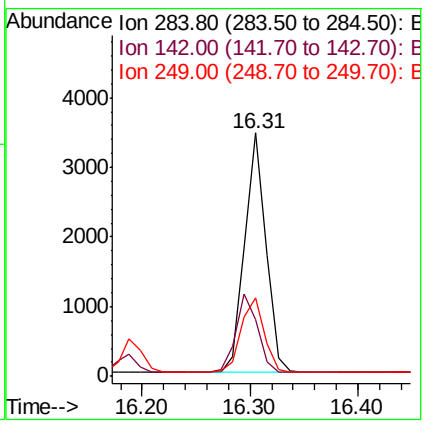


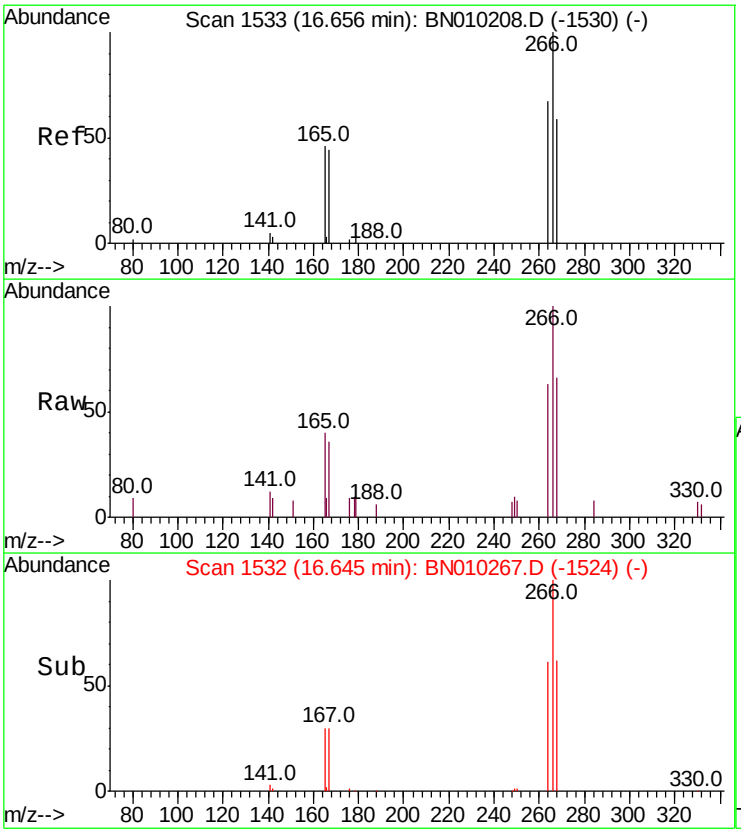
#21
Hexachlorobenzene
Concen: 0.452 ng
RT: 16.31 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 4698

Ion	Ratio	Lower	Upper
284	100		
142	33.4	27.8	41.6
249	33.1	26.6	39.8

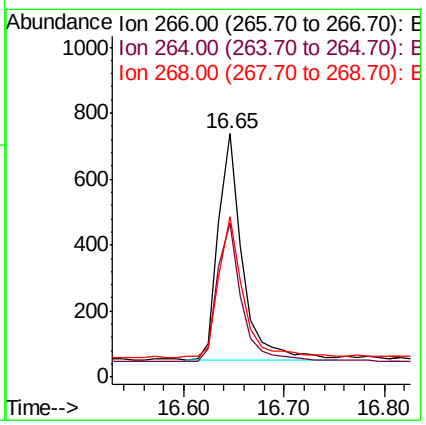


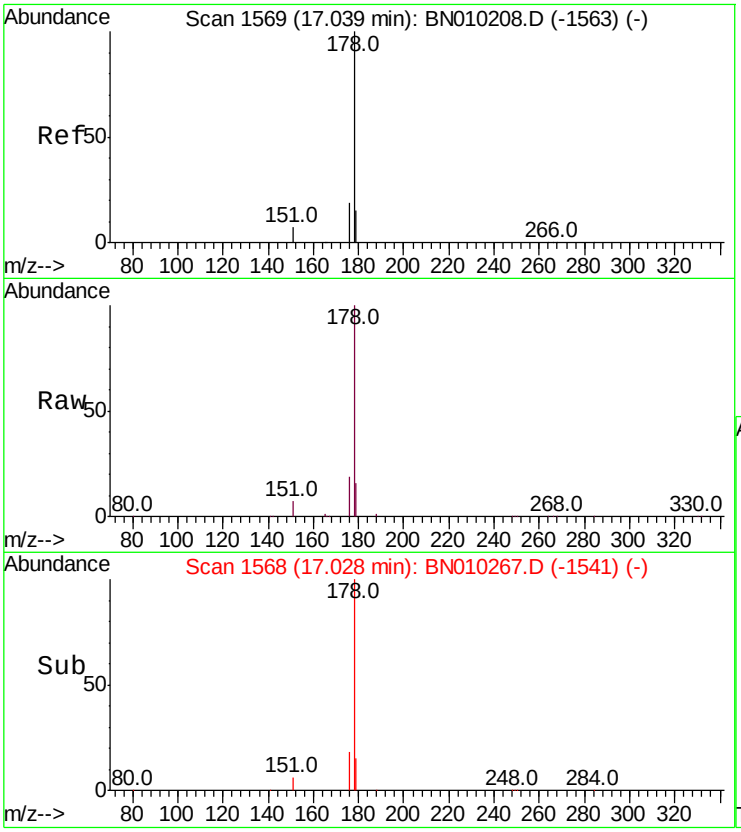


#22
Pentachlorophenol
Concen: 0.361 ng
RT: 16.65 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:266 Resp: 1160

Ion	Ratio	Lower	Upper
266	100		
264	63.1	56.2	84.2
268	65.7	61.4	92.2



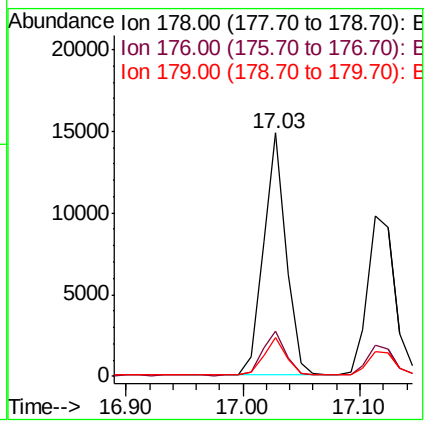


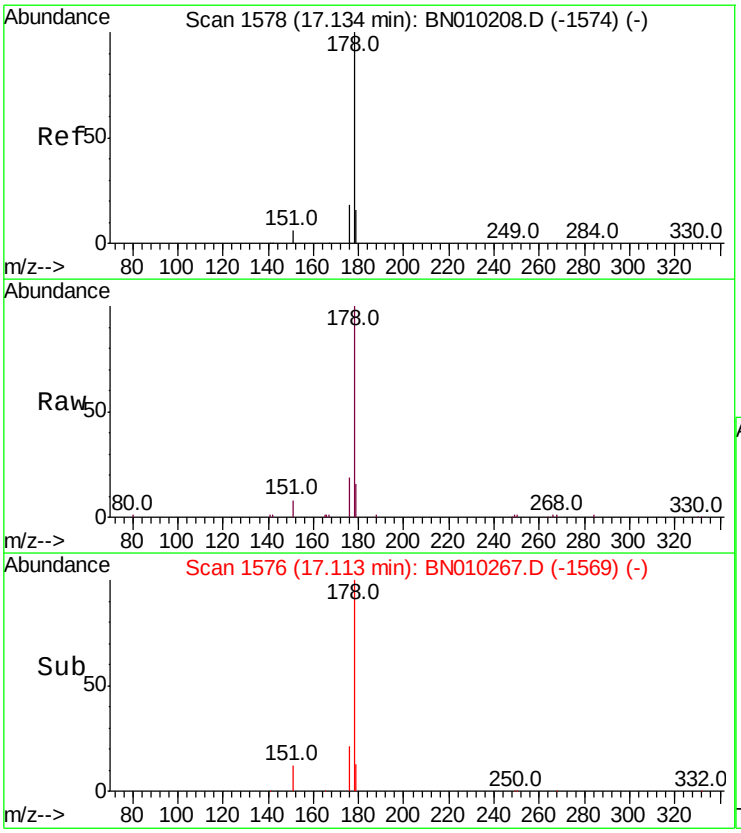
#23
Phenanthrene
Concen: 0.407 ng
RT: 17.03 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 20013

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.4	12.5	18.7

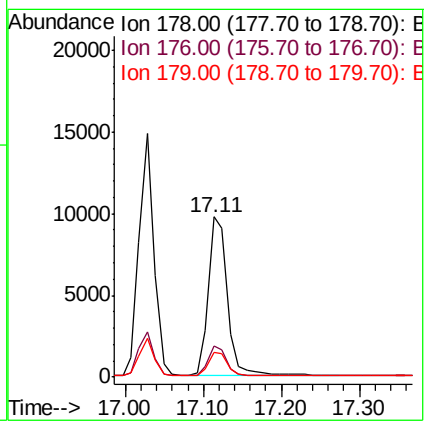


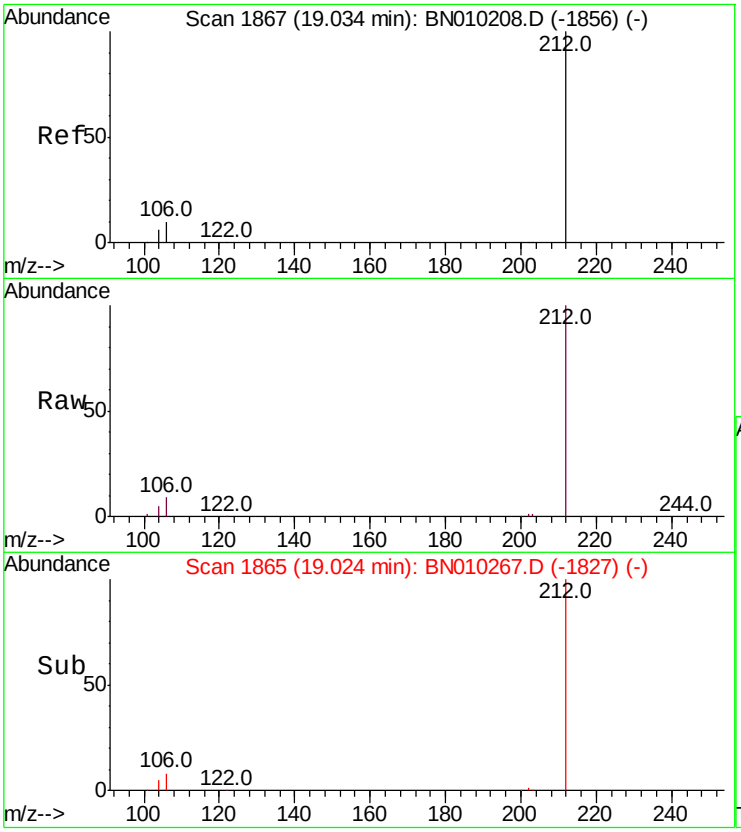


#24
Anthracene
Concen: 0.332 ng
RT: 17.11 min Scan# 1576
Delta R.T. -0.02 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:178 Resp: 16295

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.4	12.5	18.7



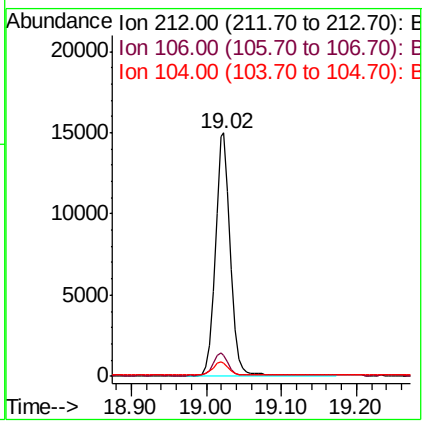


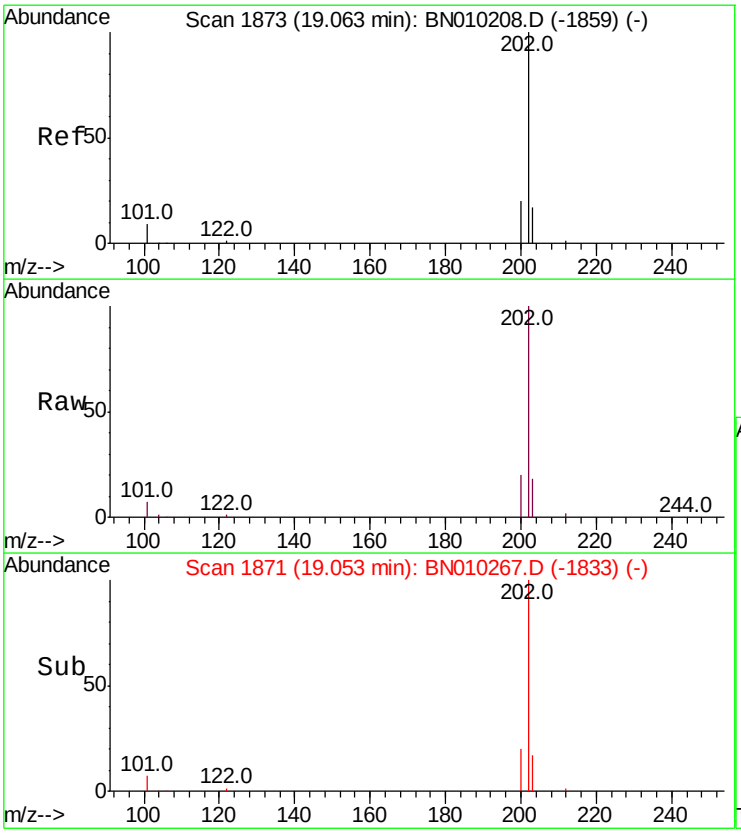
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 21121

Ion	Ratio	Lower	Upper
212	100		
106	9.3	8.1	12.1
104	5.6	4.7	7.1

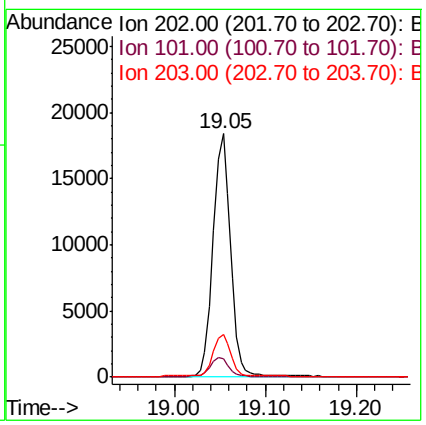


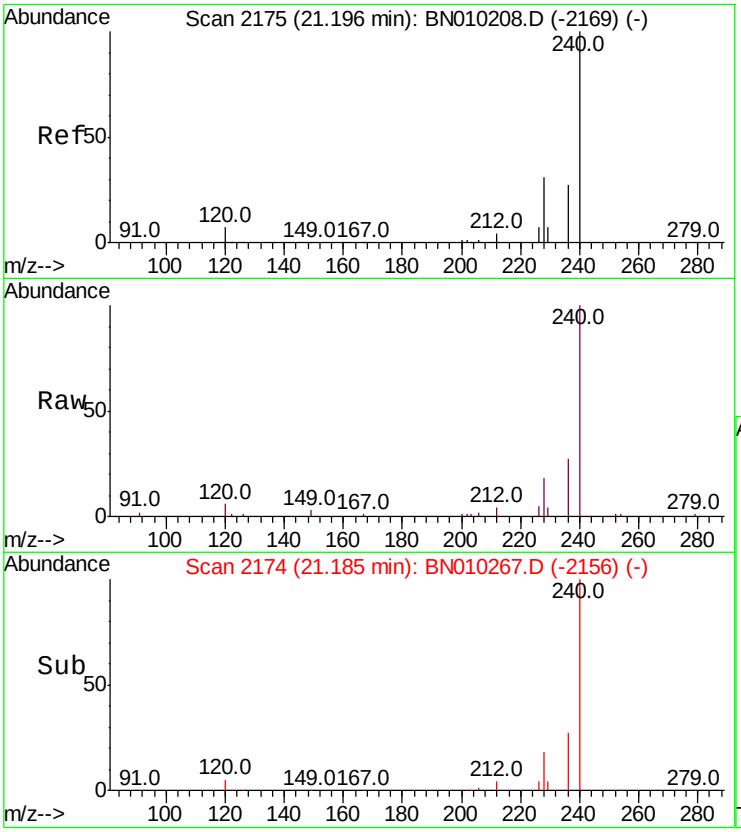


#26
Fluoranthene
Concen: 0.382 ng
RT: 19.05 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:202 Resp: 23828

Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.0	10.6
203	17.3	13.9	20.9



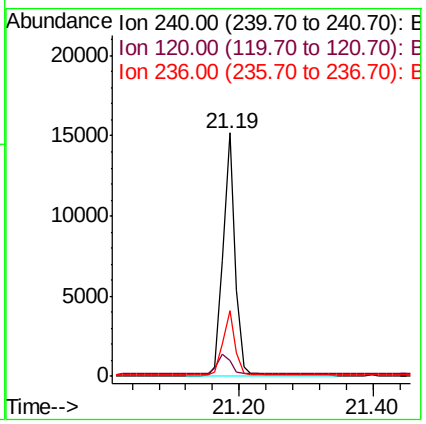


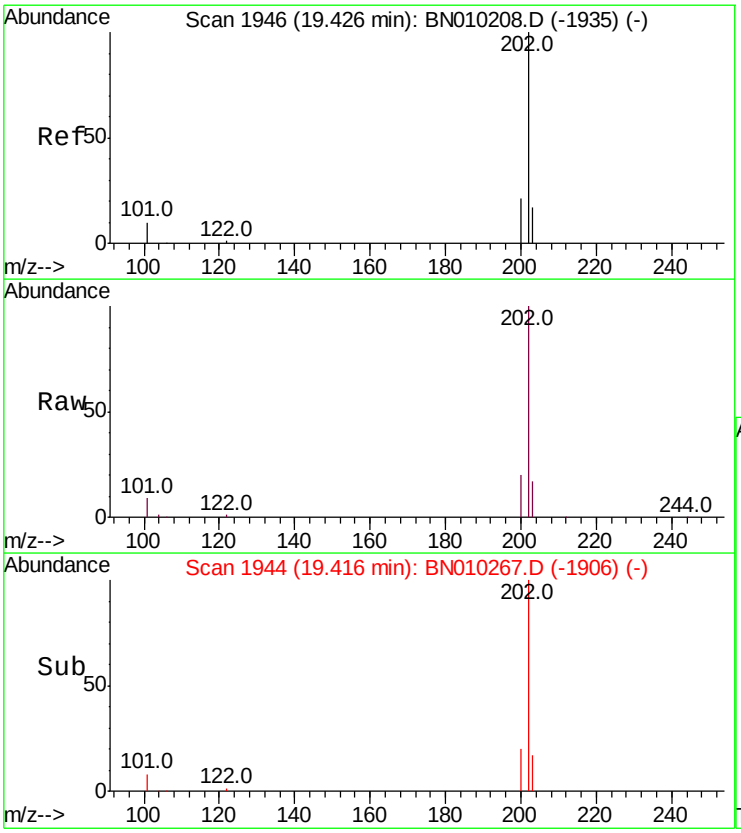
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 18638

Ion	Ratio	Lower	Upper
240	100		
120	6.3	7.7	11.5#
236	27.0	21.8	32.6

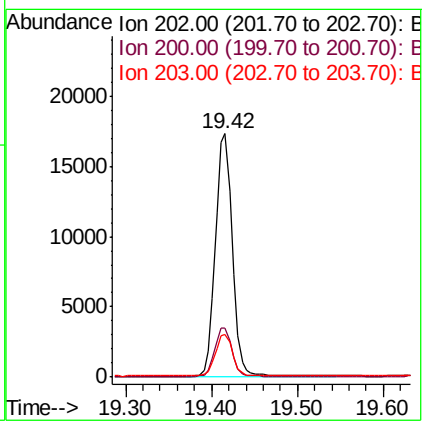


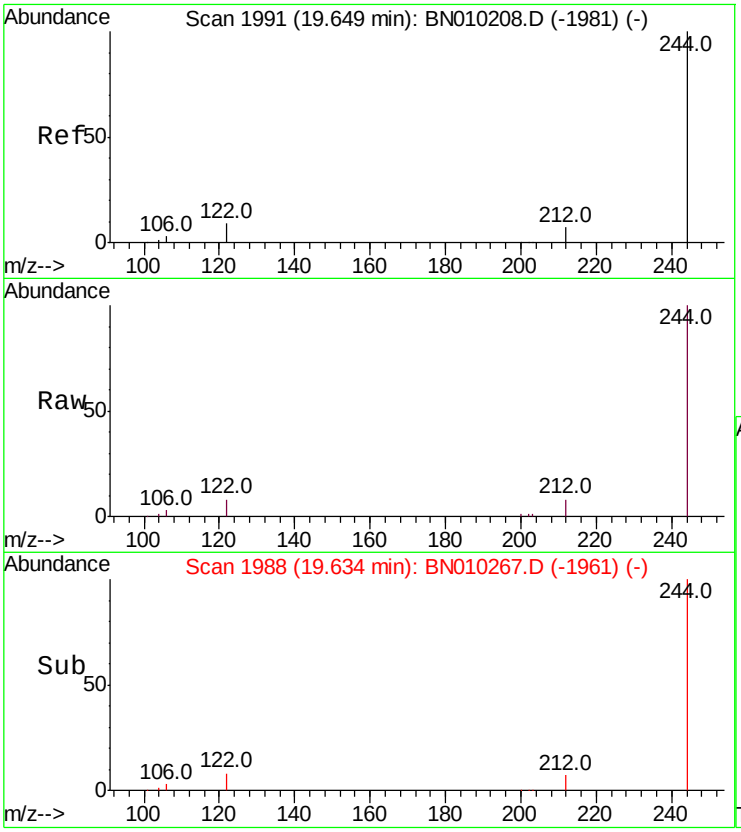


#28
Pyrene
Concen: 0.380 ng
RT: 19.42 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:202 Resp: 23663

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	17.3	14.1	21.1



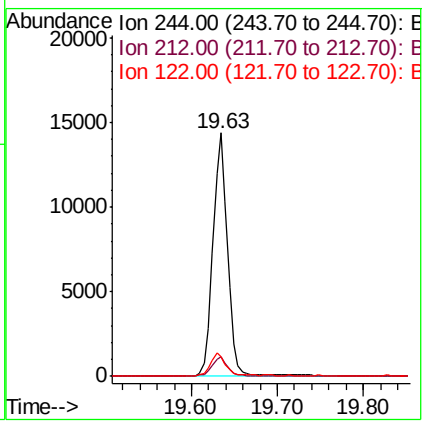


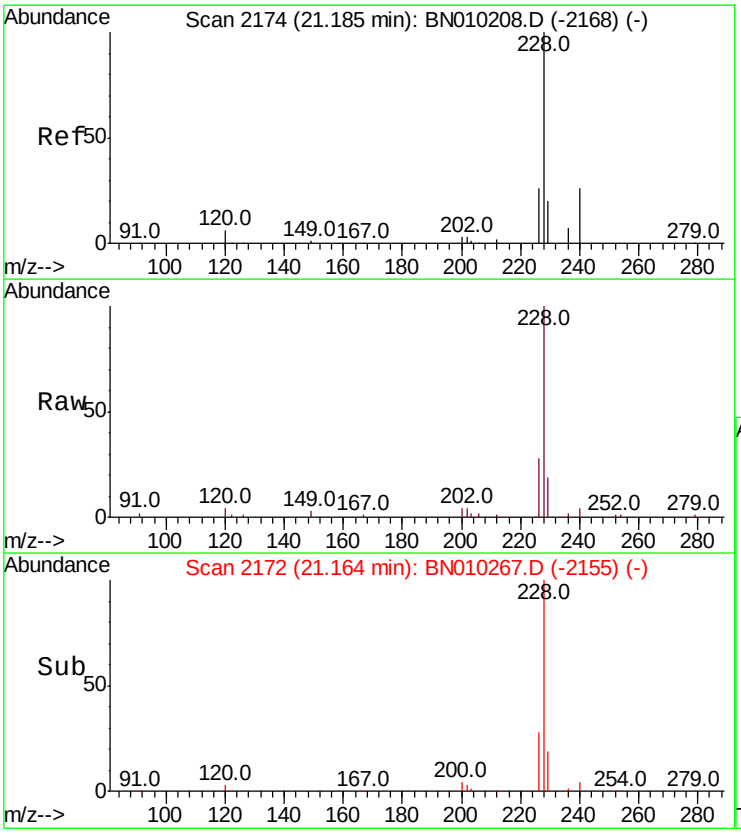
#29
Terphenyl-d14
Concen: 0.392 ng
RT: 19.63 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 16670

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	8.3	8.1	12.1

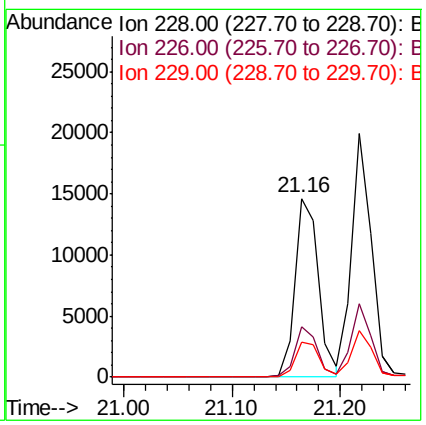


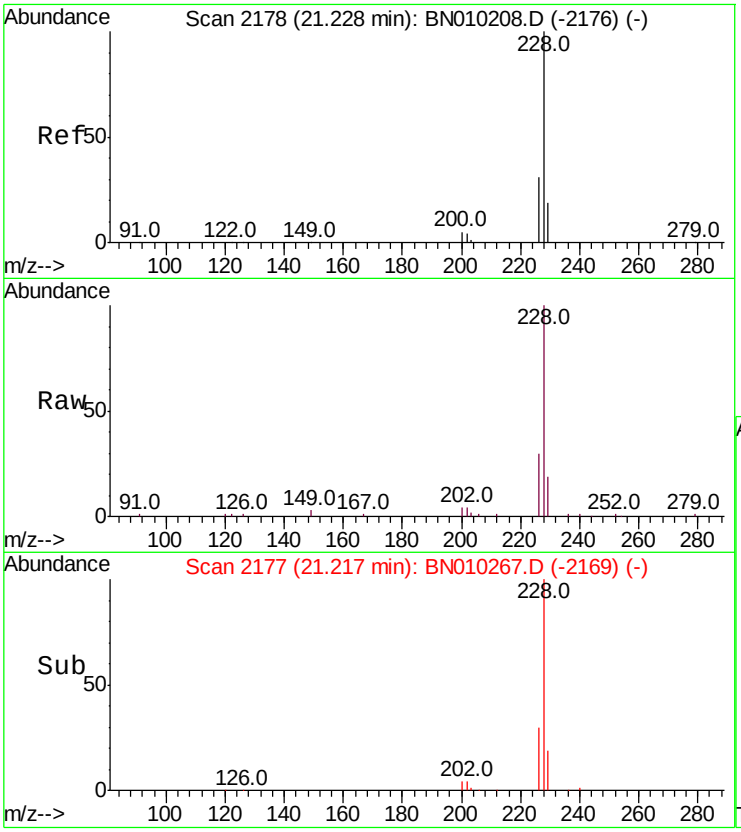


#30
Benzo(a)anthracene
Concen: 0.341 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:228 Resp: 21633

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.1	31.7
229	19.5	16.2	24.4



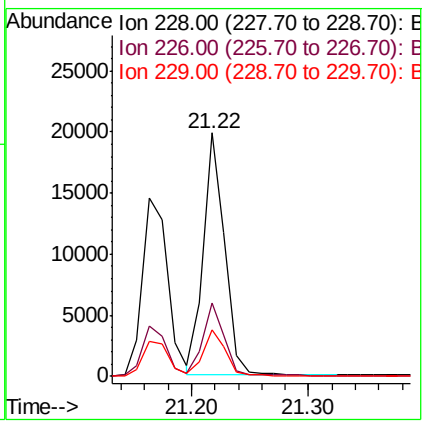


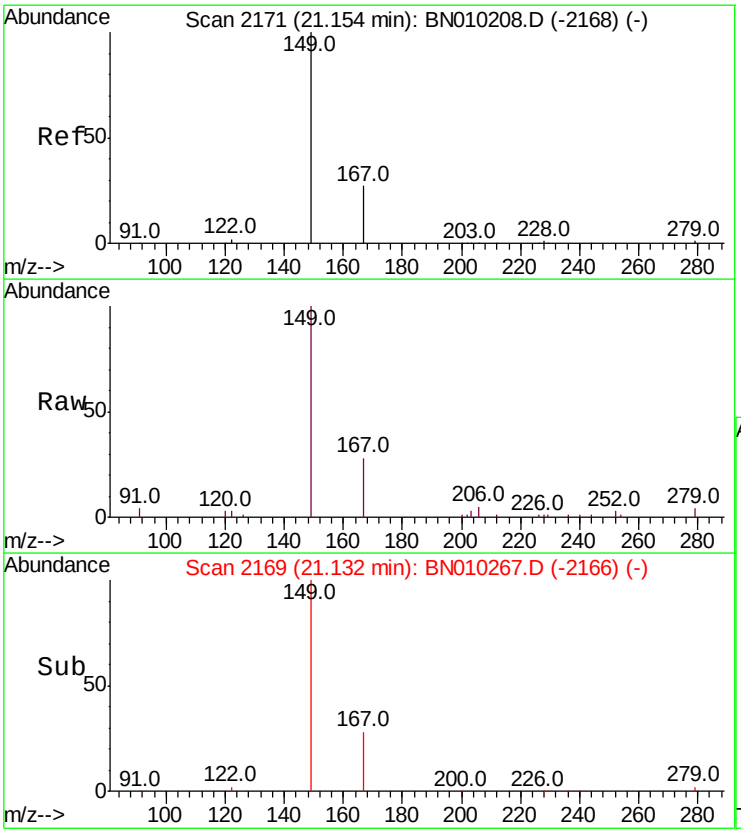
#31
Chrysene
Concen: 0.405 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 25241

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.4
229	19.1	15.7	23.5

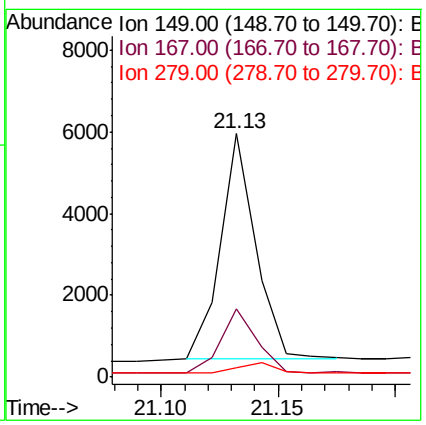


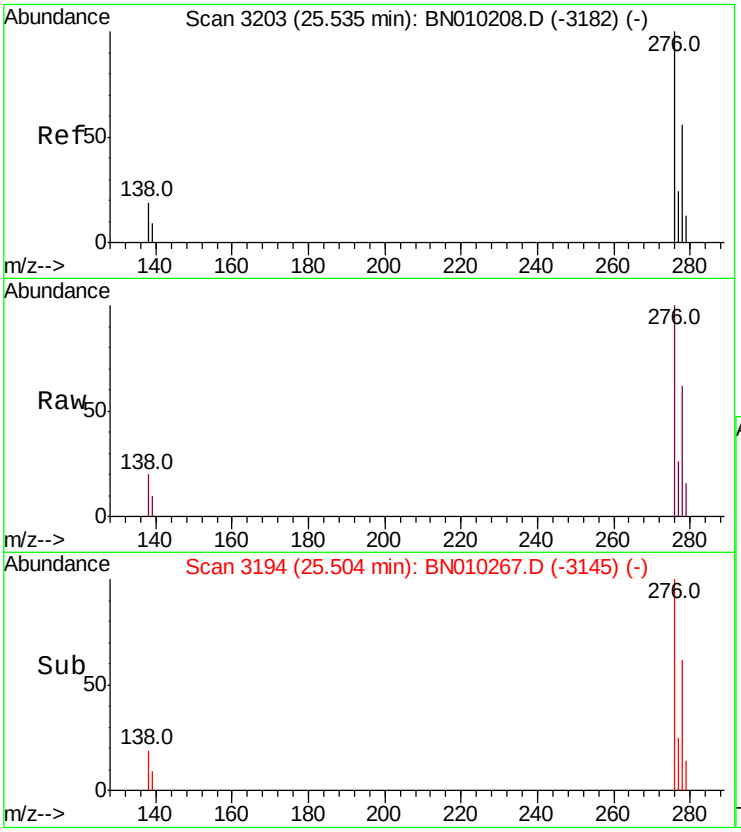


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.213 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:149 Resp: 5751

Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.0	31.4
279	5.0	3.1	4.7#



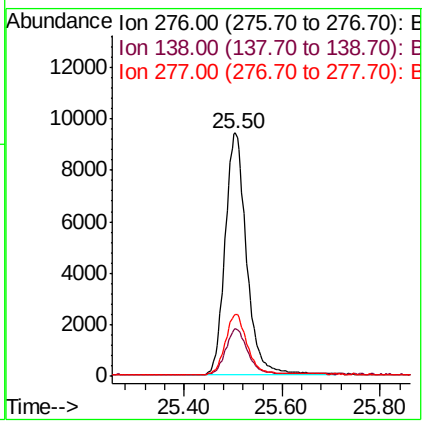


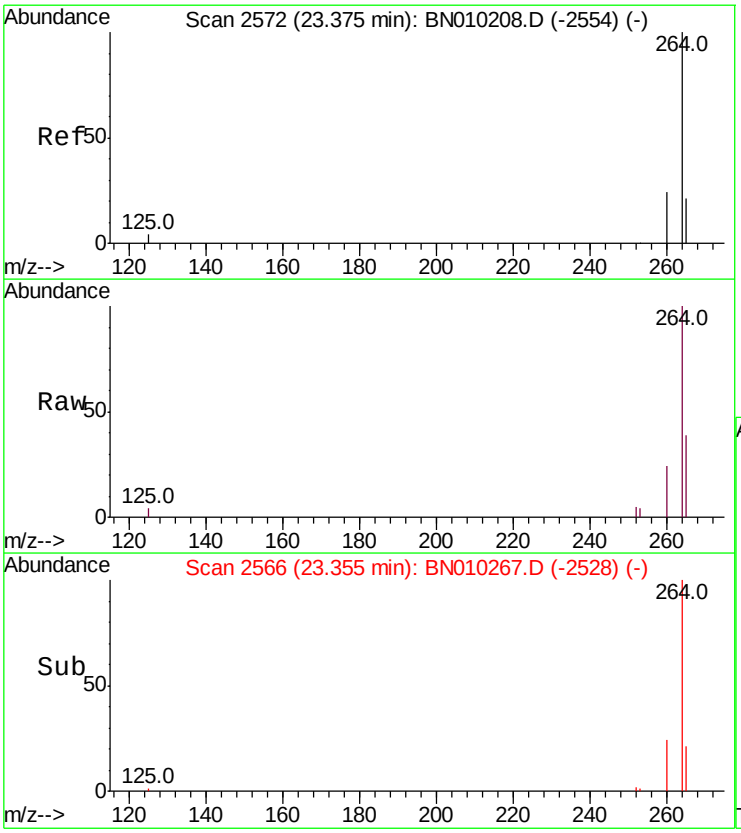
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng
RT: 25.50 min Scan# 3194
Delta R.T. -0.03 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 28797

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.8	23.6
277	25.0	19.3	28.9

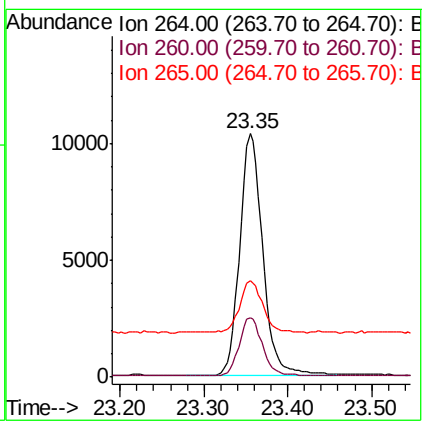


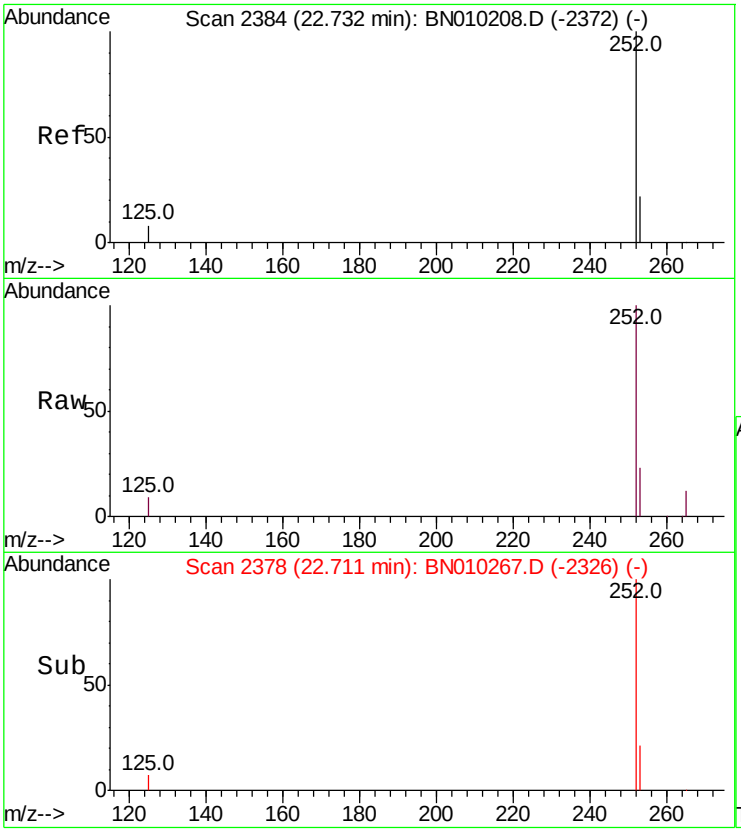


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2566
Delta R.T. -0.02 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:264 Resp: 19749

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	39.4	25.8	38.6#



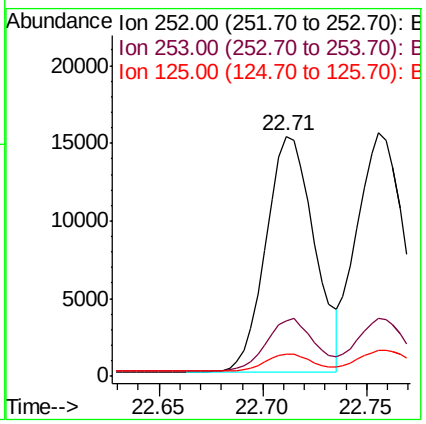


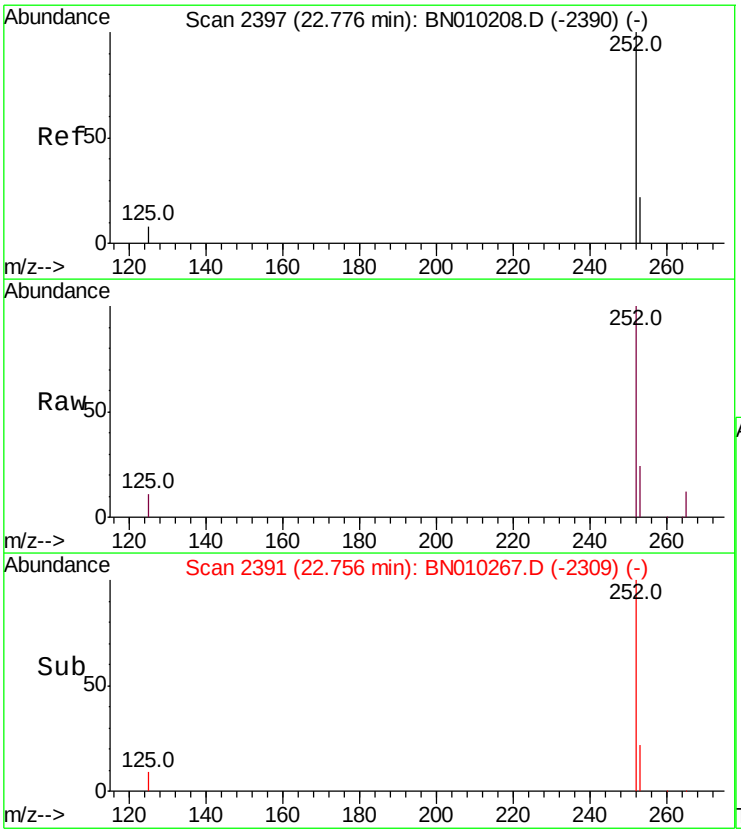
#35
Benzo(b)fluoranthene
Concen: 0.405 ng
RT: 22.71 min Scan# 2378
Delta R.T. -0.02 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 24583

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	28.0
125	9.3	7.9	11.9

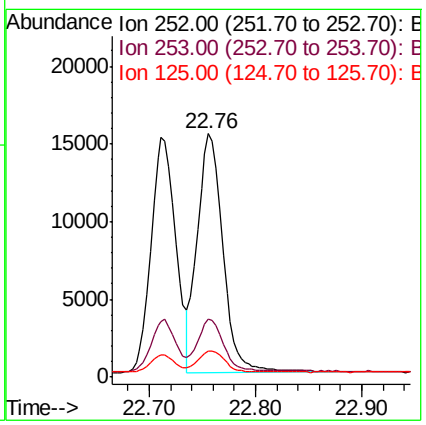


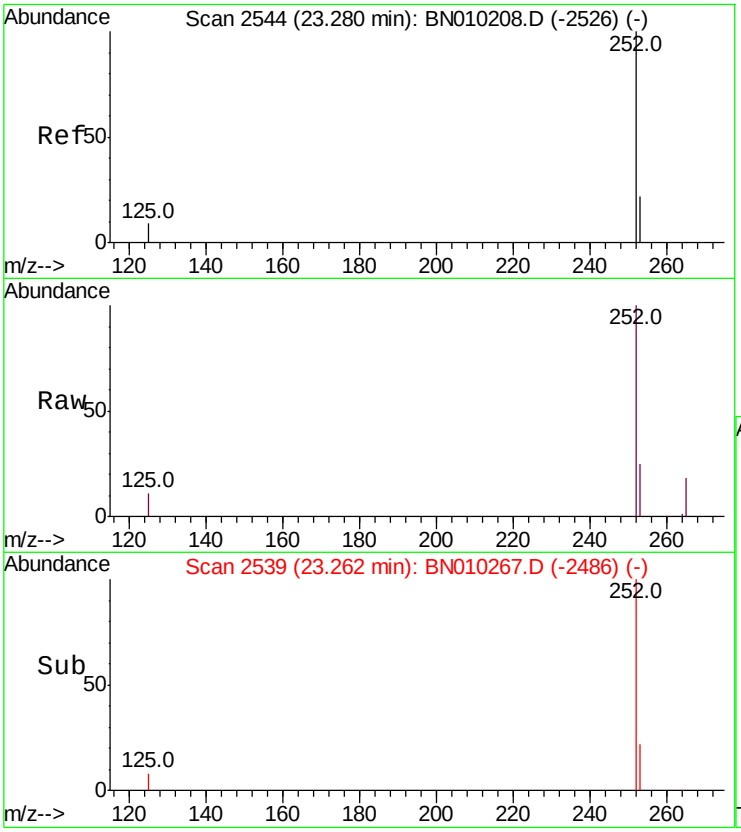


#36
Benzo(k)fluoranthene
Concen: 0.417 ng
RT: 22.76 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:252 Resp: 25583

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.8	28.2
125	10.6	8.2	12.4



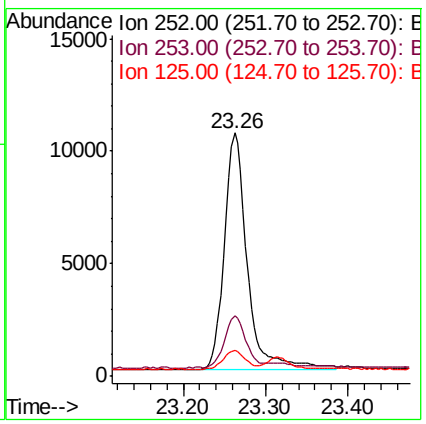


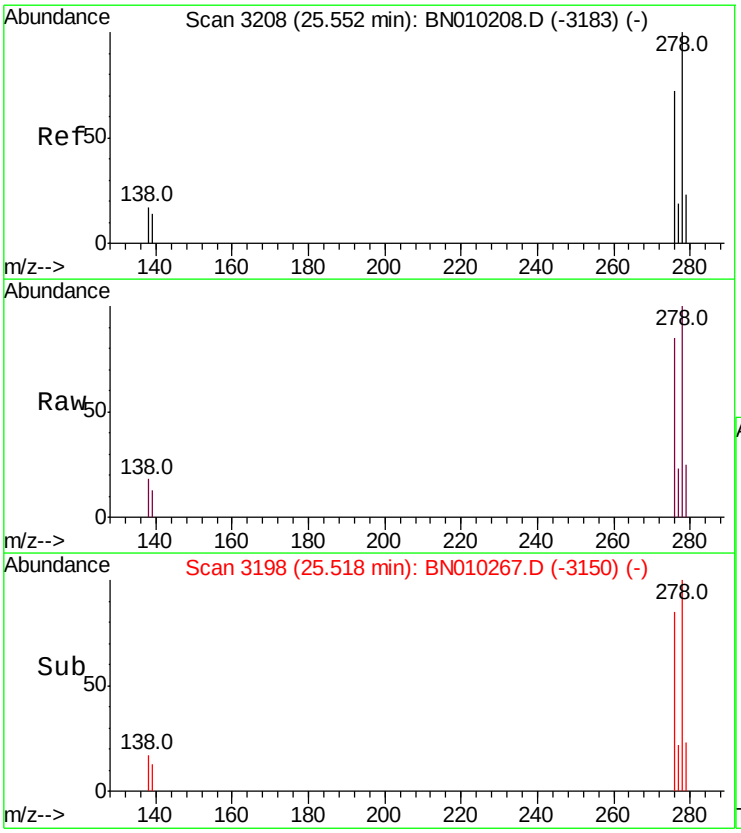
#37
Benzo(a)pyrene
Concen: 0.358 ng
RT: 23.26 min Scan# 2539
Delta R.T. -0.02 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 20518

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.1	28.7
125	10.8	9.2	13.8

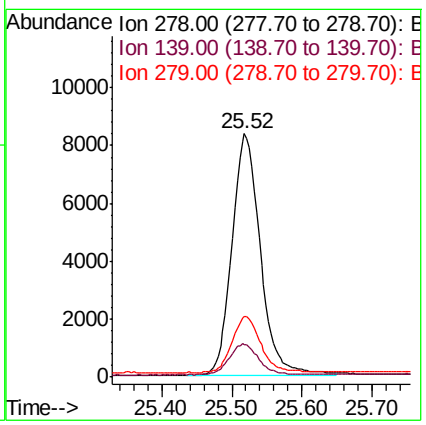


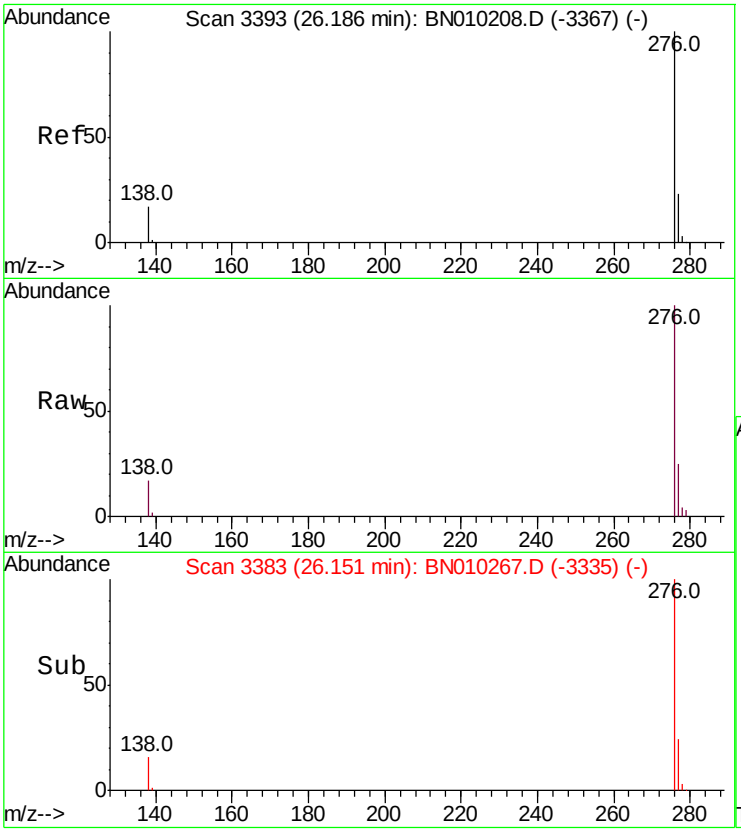


#38
Dibenzo(a,h)anthracene
Concen: 0.410 ng
RT: 25.52 min Scan# 3198
Delta R.T. -0.03 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:278 Resp: 23542

Ion	Ratio	Lower	Upper
278	100		
139	13.5	12.4	18.6
279	24.8	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.400 ng
RT: 26.15 min Scan# 3383
Delta R.T. -0.03 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 22949

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.2
138	17.0	15.4	23.2