Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
Data File : BN009436.D
Acq On : 24 Jan 2020 10:40
Operator : CG/JU
Sample : PB126283BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB126283BS

Quant Time: Jan 24 12:17:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 09:33:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1810	0.40	ng		0.00
7) Naphthalene-d8	10.22	136	6658	0.40	ng		-0.01
13) Acenaphthene-d10	14.09	164	4377	0.40	ng		-0.02
19) Phenanthrene-d10	16.85	188	9308	0.40	ng		-0.02
27) Chrysene-d12	21.06	240	8293	0.40	ng		-0.01
34) Perylene-d12	23.18	264	8385	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1654	0.40	ng		0.00
5) Phenol-d6	6.67	99	1991	0.41	ng		0.00
8) Nitrobenzene-d5	8.62	82	2113	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	11.82	152	5078	0.39	ng		-0.01
14) 2,4,6-Tribromophenol	15.61	330	653	0.39	ng		-0.02
15) 2-Fluorobiphenyl	12.72	172	6737	0.41	ng		0.00
25) Fluoranthene-d10	18.89	212	11660	0.37	ng		-0.01
29) Terphenyl-d14	19.51	244	7955	0.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	703	0.372	ng		98
3) n-Nitrosodimethylamine	3.47	42	1053	0.361	ng	#	94
6) bis(2-Chloroethyl)ether	6.92	93	1870	0.377	ng		99
9) Naphthalene	10.27	128	7182	0.399	ng		98
10) Hexachlorobutadiene	10.56	225	1541	0.390	ng	#	99
12) 2-Methylnaphthalene	11.89	142	4959	0.395	ng		99
16) Acenaphthylene	13.81	152	7159	0.379	ng		100
17) Acenaphthene	14.16	154	5158	0.389	ng		100
18) Fluorene	15.16	166	6516	0.377	ng		99
20) 4-Bromophenyl-phenylether	16.06	248	2156	0.385	ng	#	88
21) Hexachlorobenzene	16.17	284	2373	0.398	ng		97
22) Pentachlorophenol	16.53	266	572	0.418	ng		95
23) Phenanthrene	16.89	178	10678	0.382	ng		100
24) Anthracene	16.99	178	8879	0.378	ng		100
26) Fluoranthene	18.92	202	12128	0.370	ng		100
28) Pyrene	19.29	202	12223	0.389	ng		100
30) Benzo(a)anthracene	21.05	228	10219	0.375	ng		98
31) Chrysene	21.09	228	12083	0.388	ng		98
32) Bis(2-ethylhexyl)phthalate	20.99	149	4933	0.409	ng		98
33) Indeno(1,2,3-cd)pyrene	25.24	276	12701	0.392	ng		99
35) Benzo(b)fluoranthene	22.55	252	11388	0.369	ng		97
36) Benzo(k)fluoranthene	22.59	252	12649	0.372	ng		98
37) Benzo(a)pyrene	23.09	252	10284	0.379	ng		96
38) Dibenzo(a,h)anthracene	25.25	278	10156	0.372	ng		96
39) Benzo(g,h,i)perylene	25.87	276	10725	0.357	ng		99

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

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Misc :
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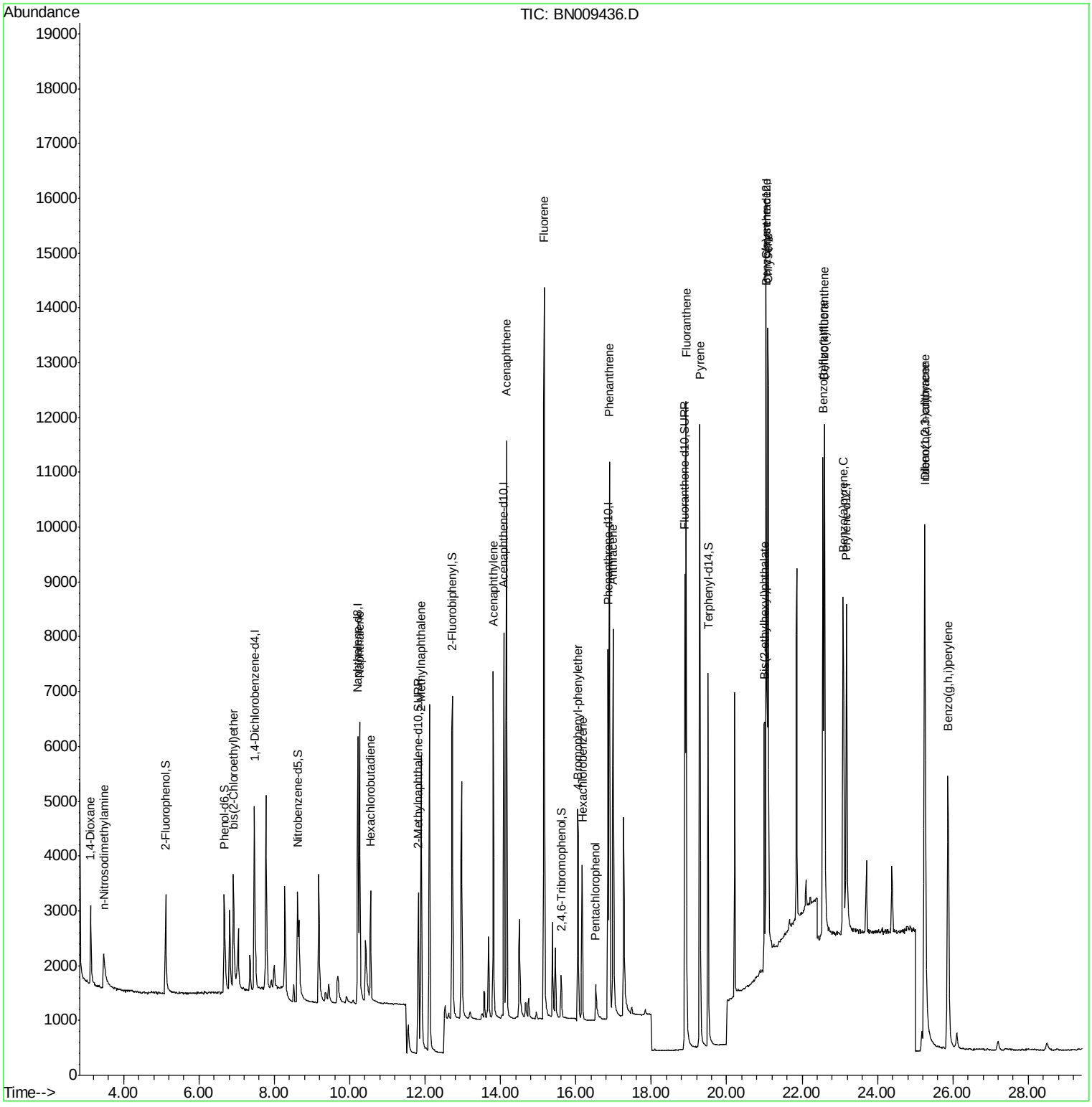
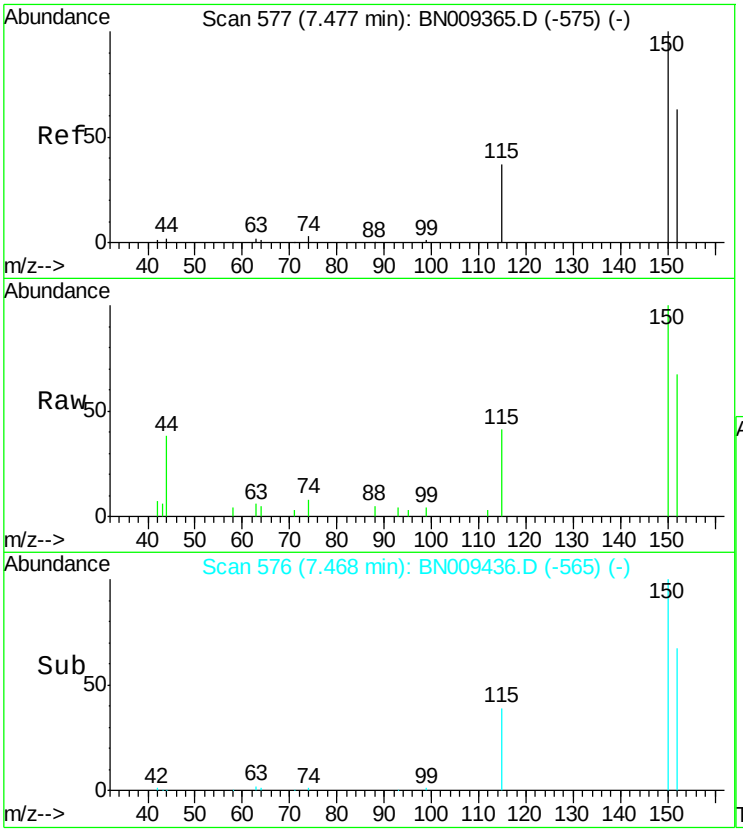
Instrument :
BNA_N
ClientSampleId :
PB126283BS

Quant Time: Jan 24 12:17:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 09:33:55 2020
Response via : Initial Calibration



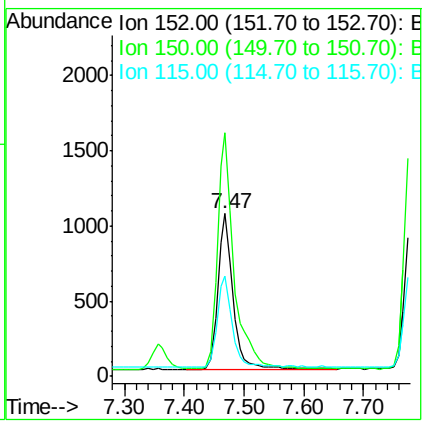


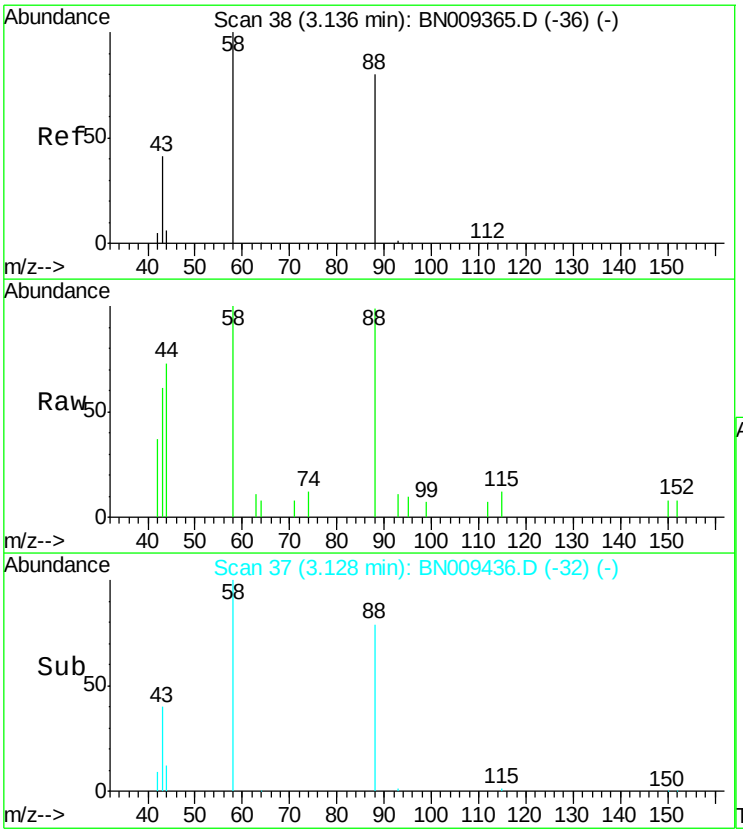
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:152 Resp: 1810

Ion	Ratio	Lower	Upper
152	100		
150	149.8	125.7	188.5
115	61.4	53.3	79.9

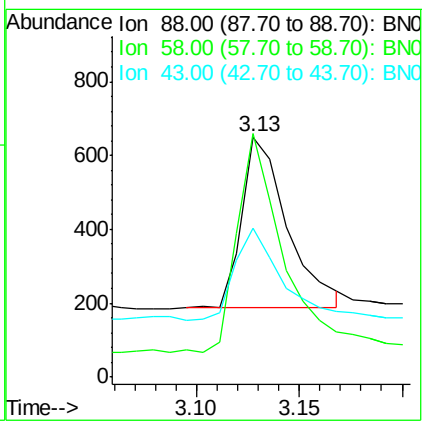


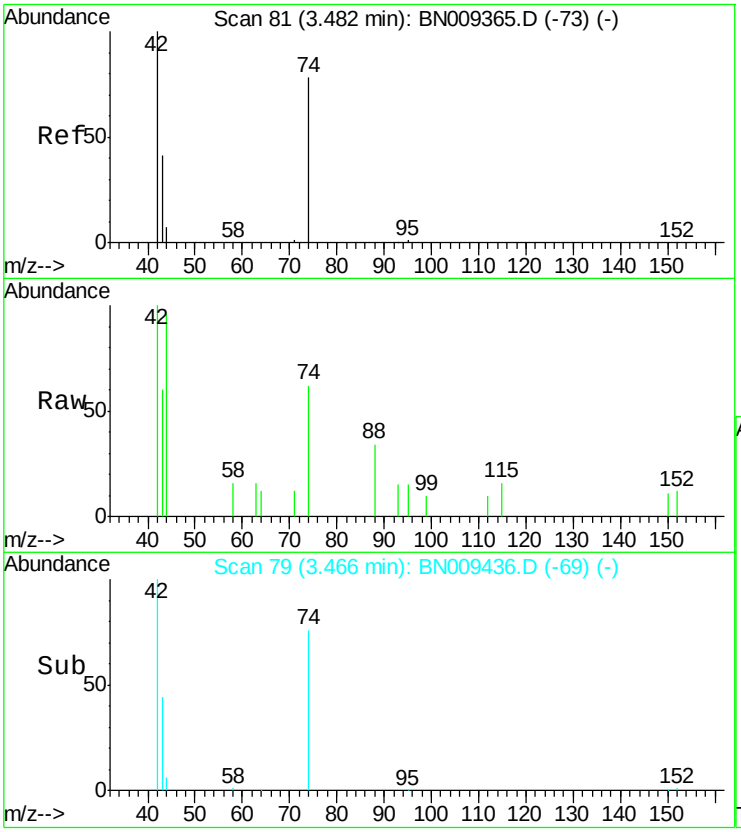


#2
1,4-Dioxane
Concen: 0.372 ng
RT: 3.13 min Scan# 37
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 88 Resp: 703

Ion	Ratio	Lower	Upper
88	100		
58	127.3	100.2	150.2
43	54.9	43.1	64.7



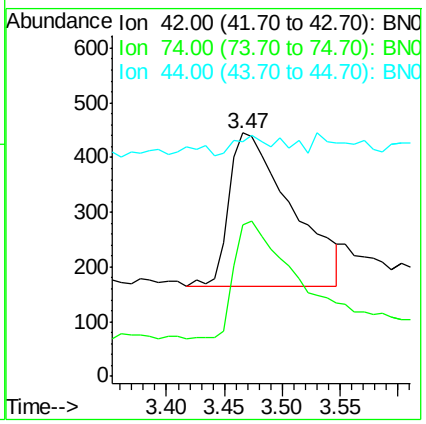


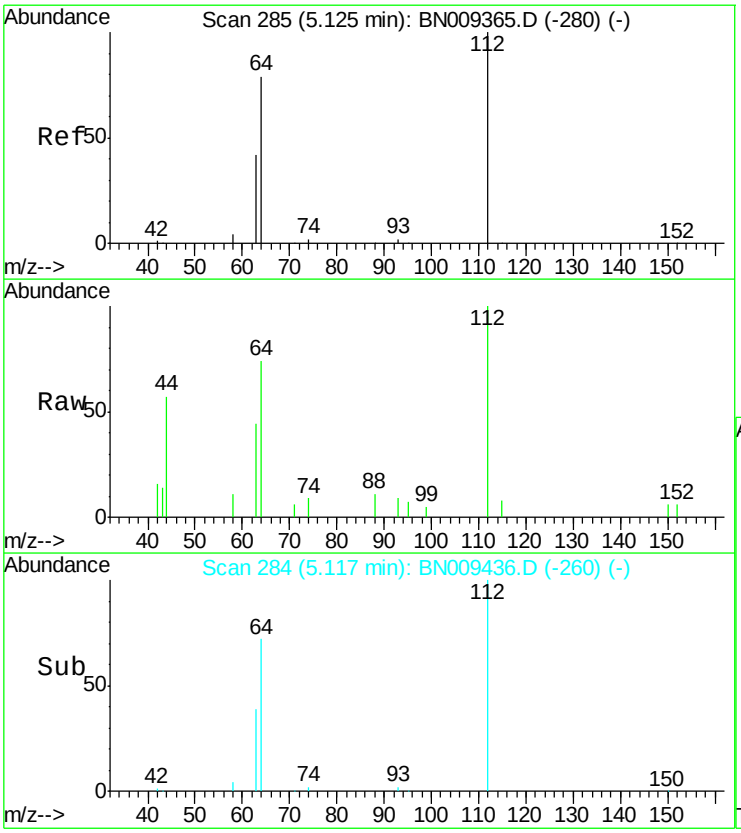
#3
n-Nitrosodimethylamine
Concen: 0.361 ng
RT: 3.47 min Scan# 79
Delta R.T. -0.02 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion: 42 Resp: 1053

Ion	Ratio	Lower	Upper
42	100		
74	72.8	55.8	83.8
44	6.1	11.1	16.7#

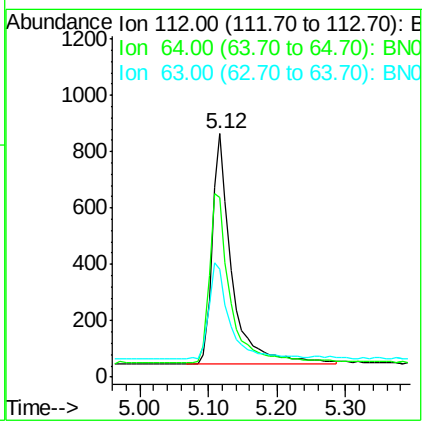


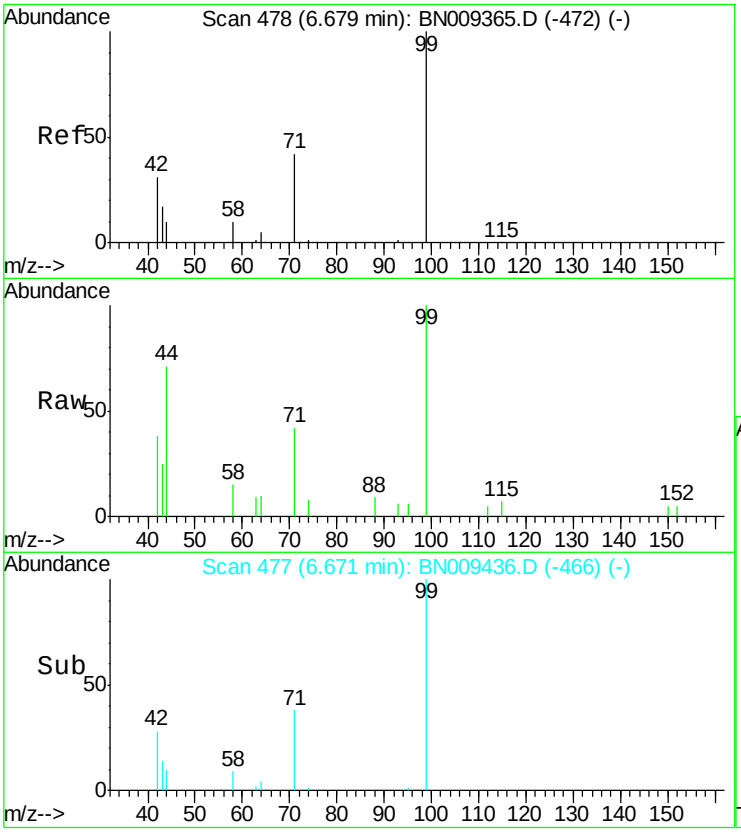


#4
2-Fluorophenol
Concen: 0.397 ng
RT: 5.12 min Scan# 284
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:112 Resp: 1654

Ion	Ratio	Lower	Upper
112	100		
64	77.6	61.5	92.3
63	43.7	35.0	52.4



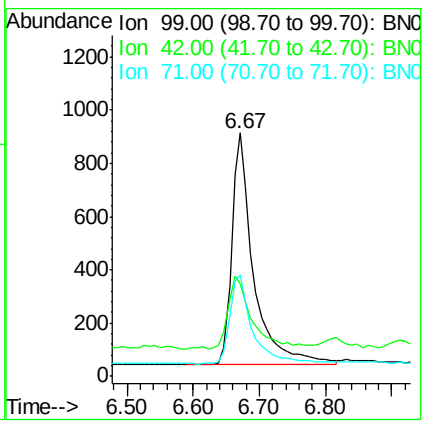


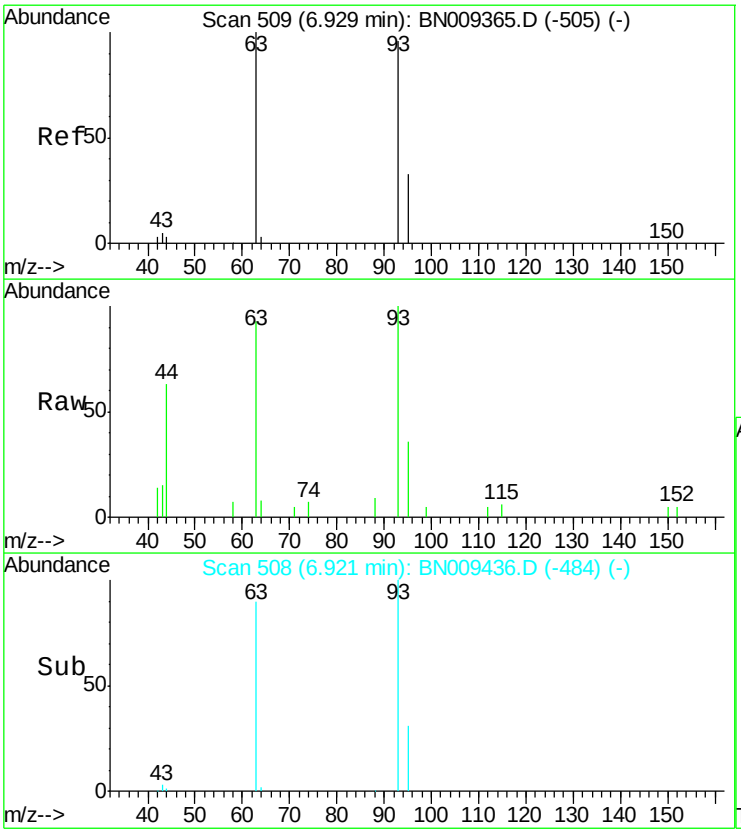
#5
Phenol-d6
Concen: 0.413 ng
RT: 6.67 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion: 99 Resp: 1991

Ion	Ratio	Lower	Upper
99	100		
42	34.4	27.6	41.4
71	41.3	33.0	49.6

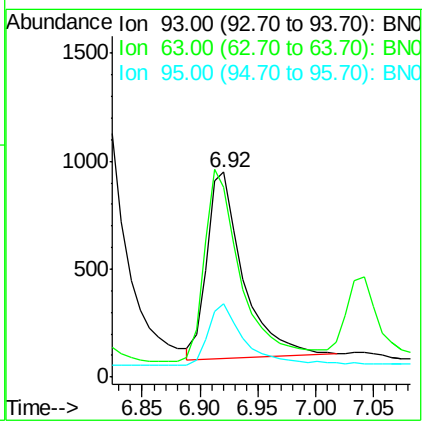


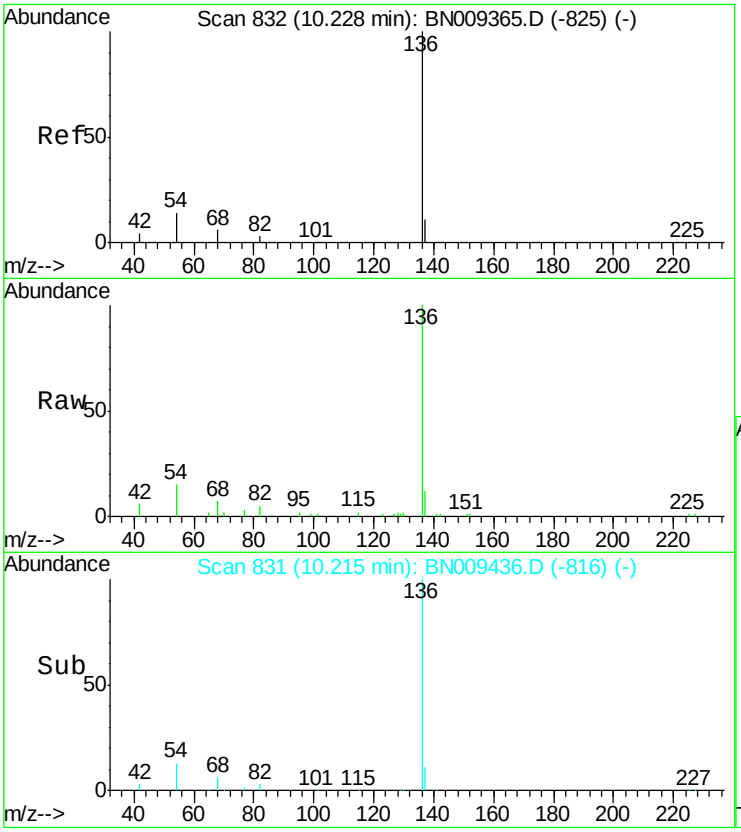


#6
bis(2-Chloroethyl)ether
Concen: 0.377 ng
RT: 6.92 min Scan# 508
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 93 Resp: 1870

Ion	Ratio	Lower	Upper
93	100		
63	106.5	85.1	127.7
95	36.0	30.2	45.4



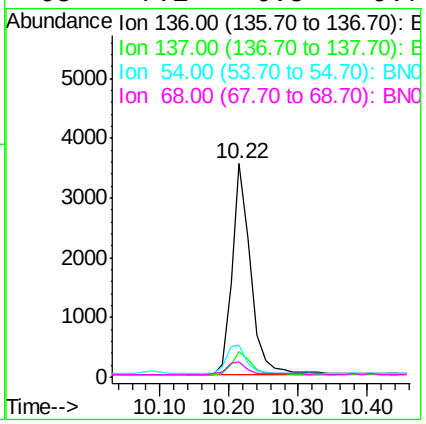


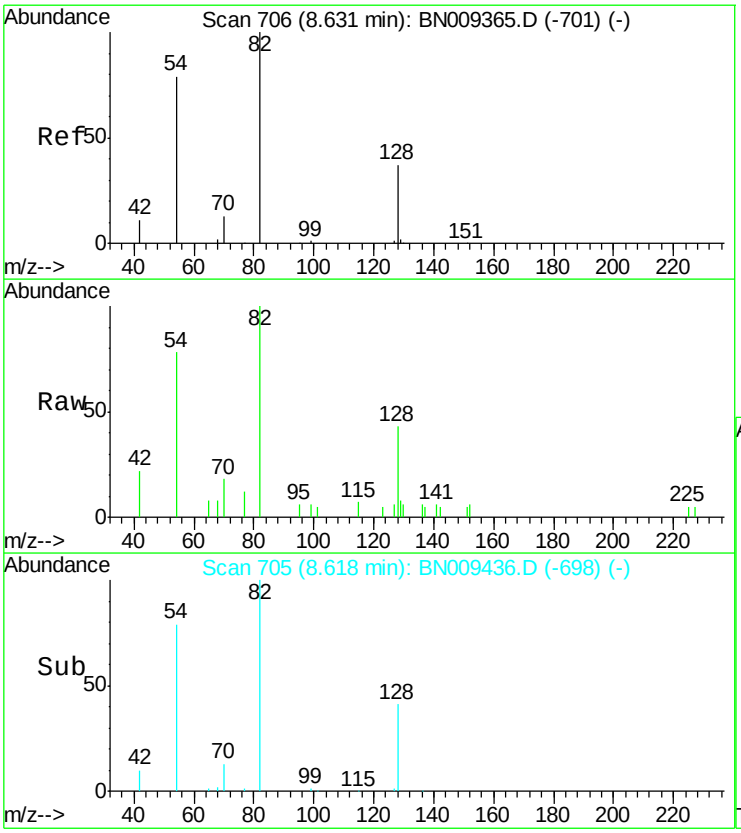
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:136 Resp: 6658

Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.3	15.5
54	14.8	12.6	19.0
68	7.1	6.5	9.7

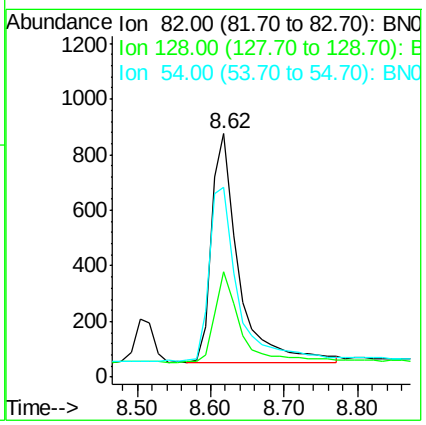


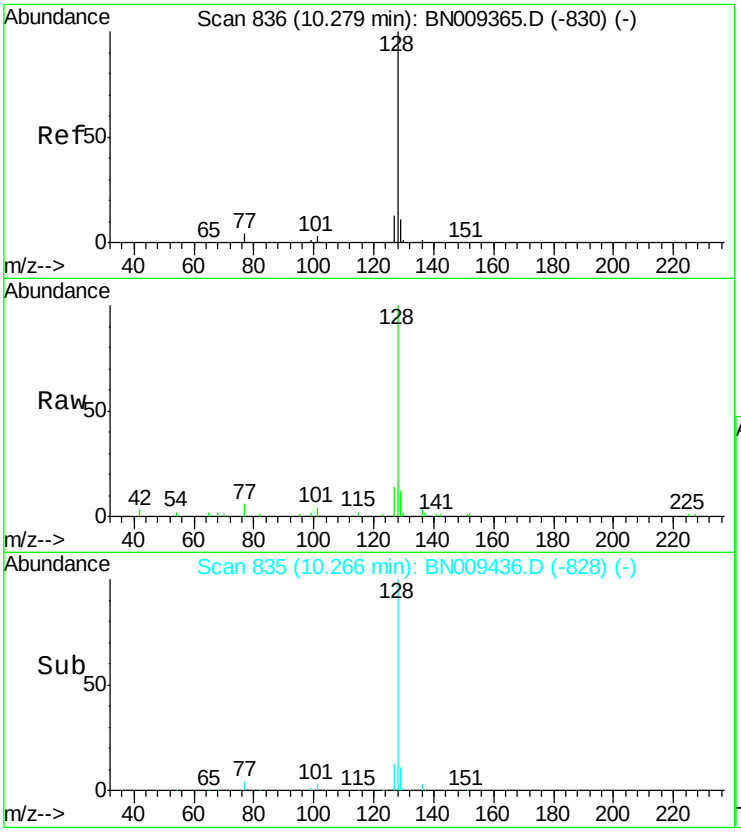


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.62 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 82 Resp: 2113

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.8	52.2
54	78.0	65.8	98.6



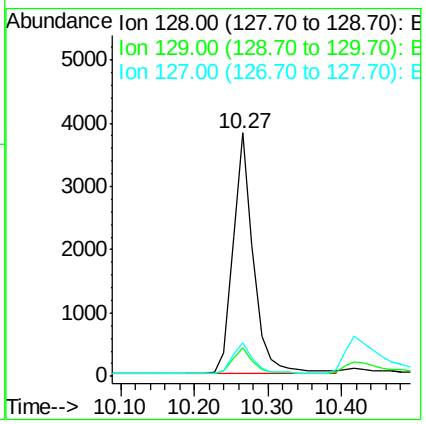


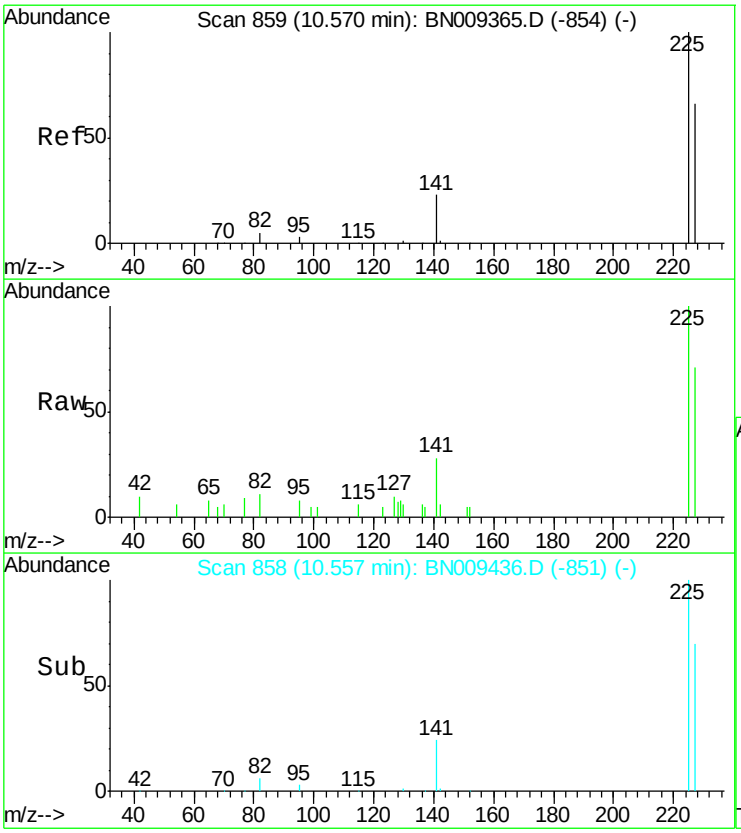
#9
Naphthalene
Concen: 0.399 ng
RT: 10.27 min Scan# 835
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:128 Resp: 7182

Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.4	15.6
127	13.8	11.4	17.2

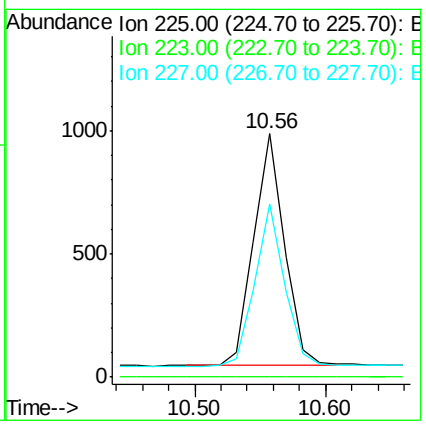


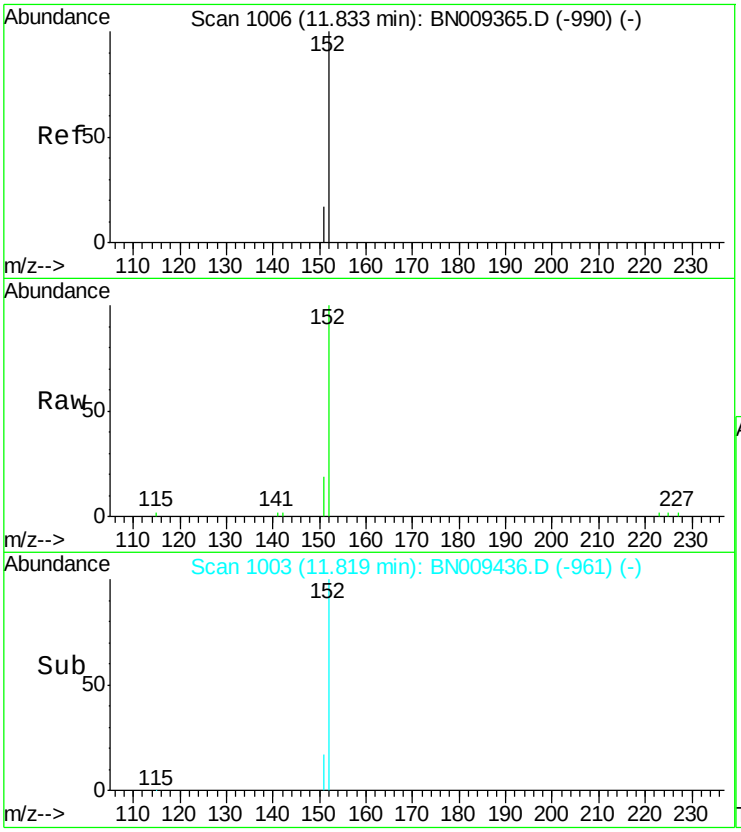


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 10.56 min Scan# 858
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:225 Resp: 1541

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	66.4	52.6	78.8



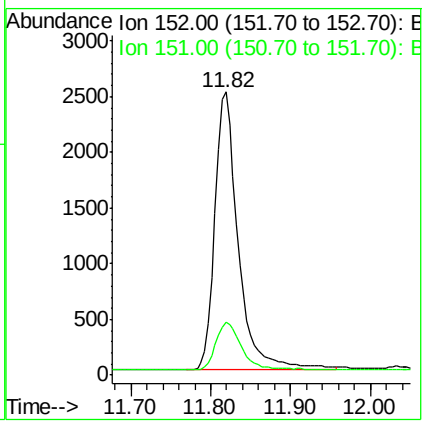


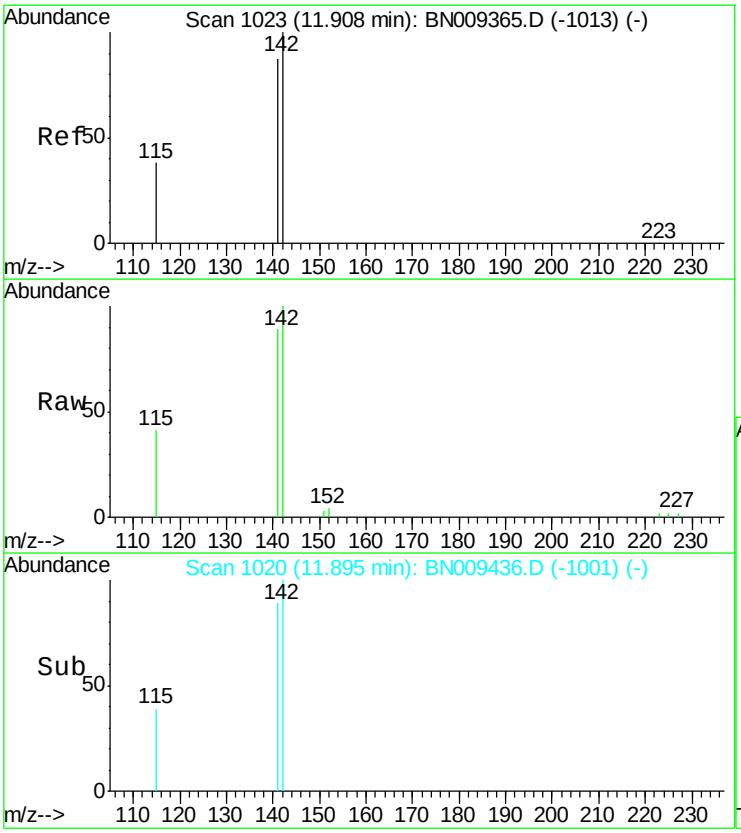
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 11.82 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:152 Resp: 5078

Ion	Ratio	Lower	Upper
152	100		
151	18.6	14.8	22.2

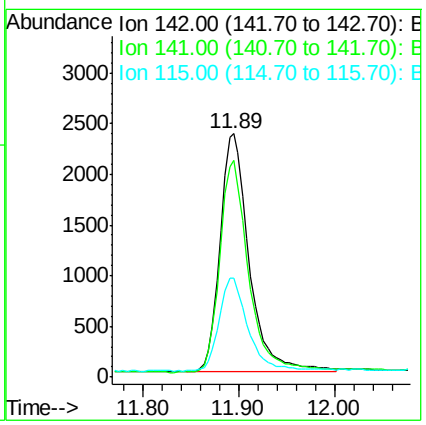


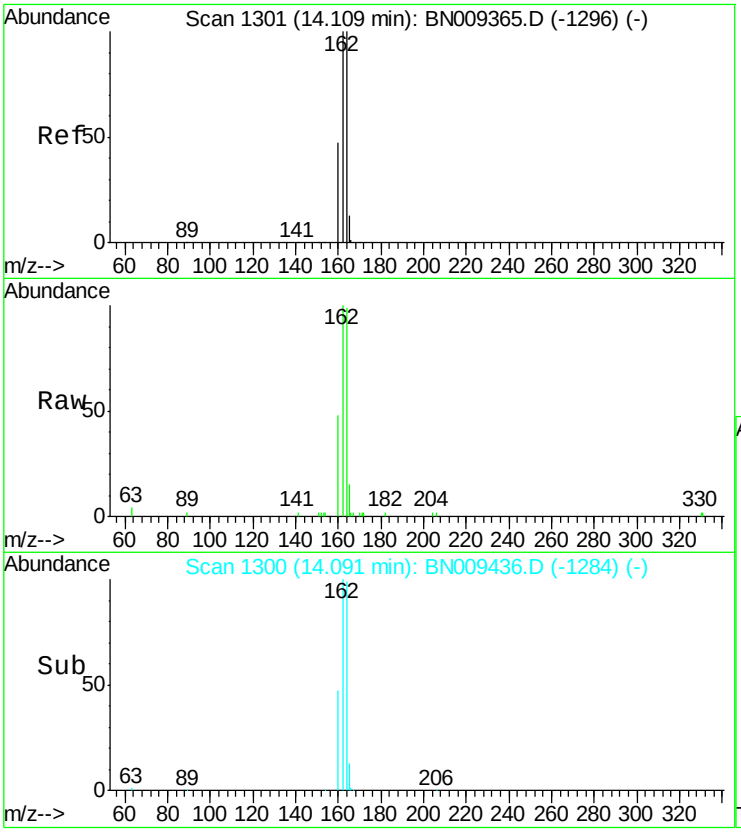


#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 11.89 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:142 Resp: 4959

Ion	Ratio	Lower	Upper
142	100		
141	89.1	69.8	104.6
115	40.6	32.5	48.7



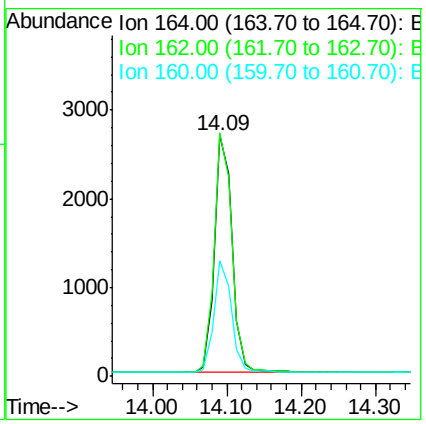


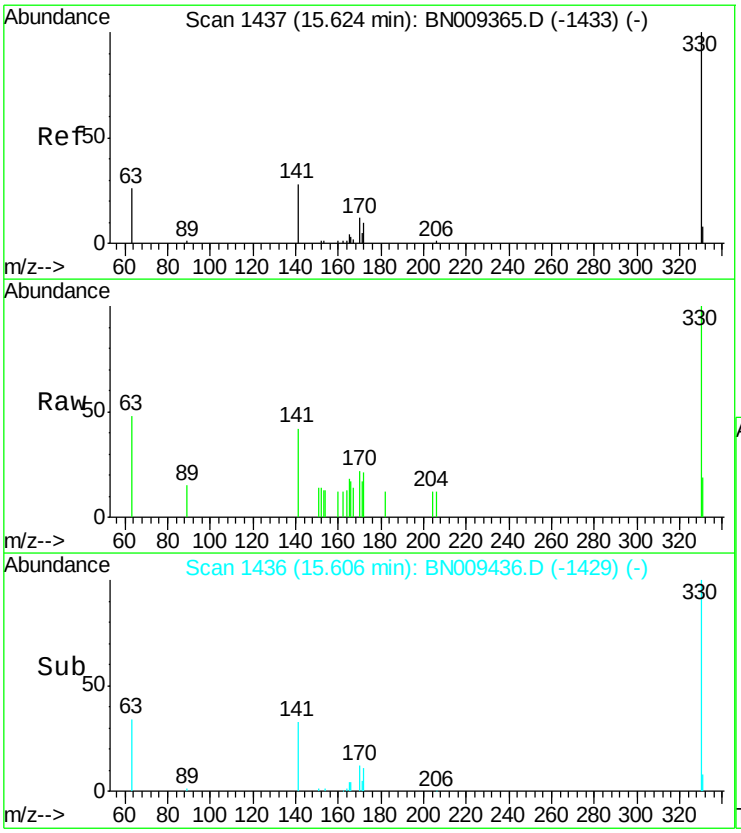
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.09 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:164 Resp: 4377

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.8	119.6
160	48.2	38.4	57.6

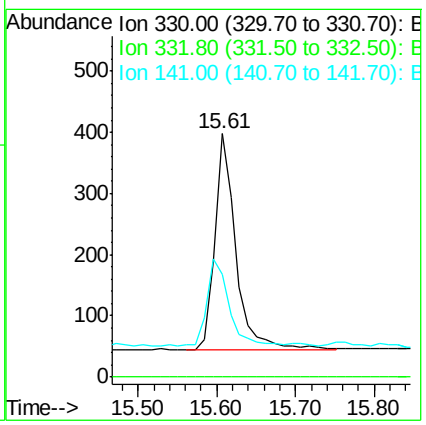


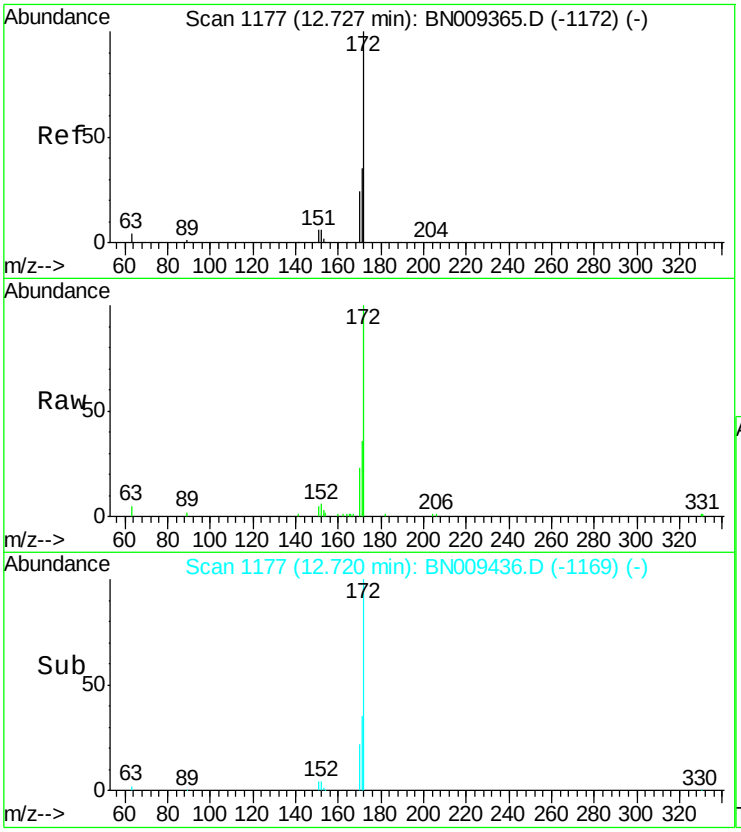


#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 15.61 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:330 Resp: 653

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.5	33.1	49.7



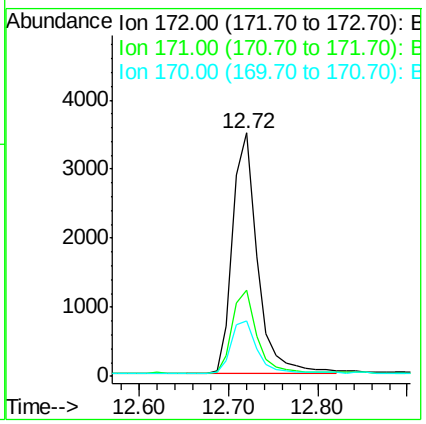


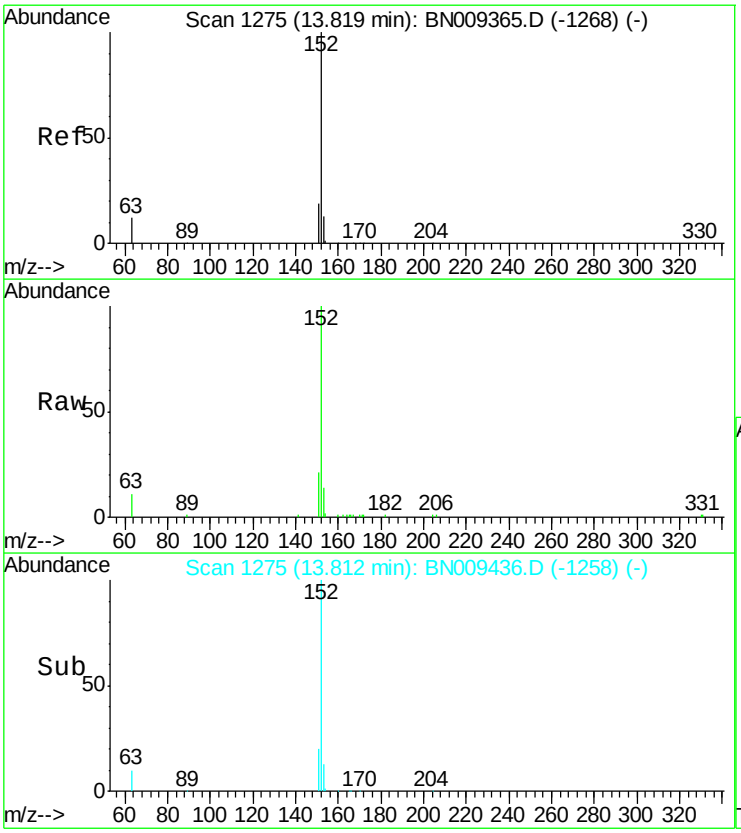
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:172 Resp: 6737

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.5	44.3
170	22.7	20.7	31.1

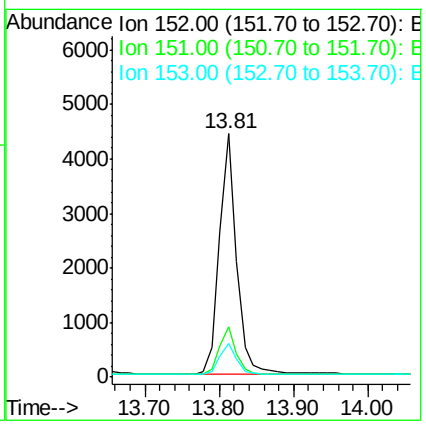


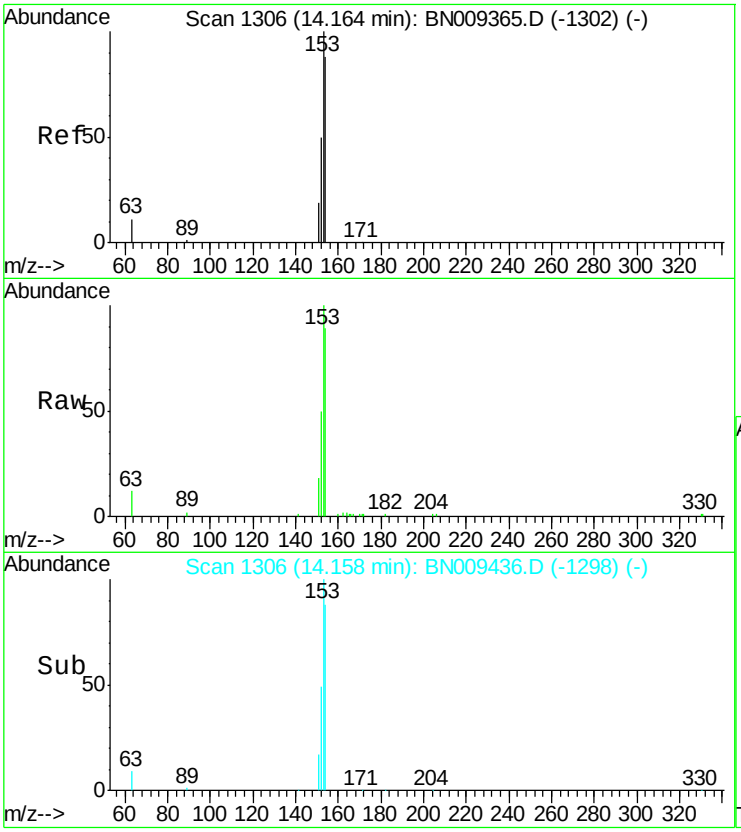


#16
Acenaphthylene
Concen: 0.379 ng
RT: 13.81 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:152 Resp: 7159

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	13.1	10.4	15.6



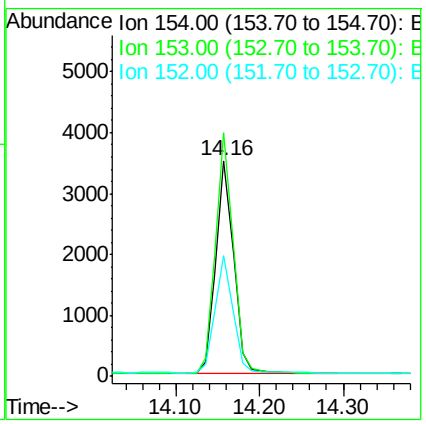


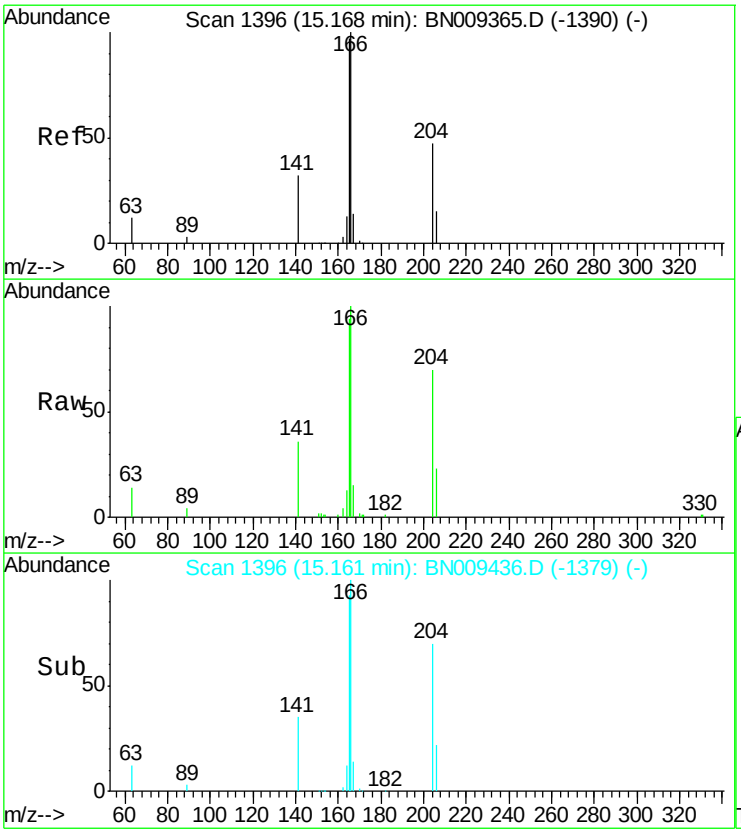
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:154 Resp: 5158

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.5	135.7
152	55.9	45.3	67.9

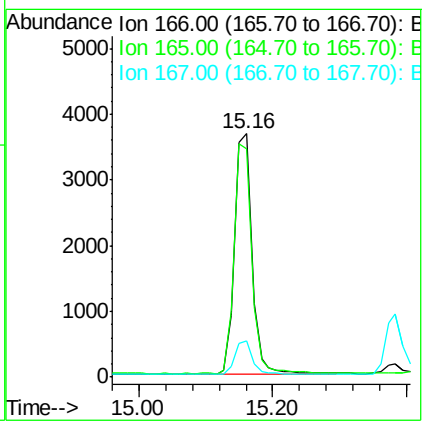


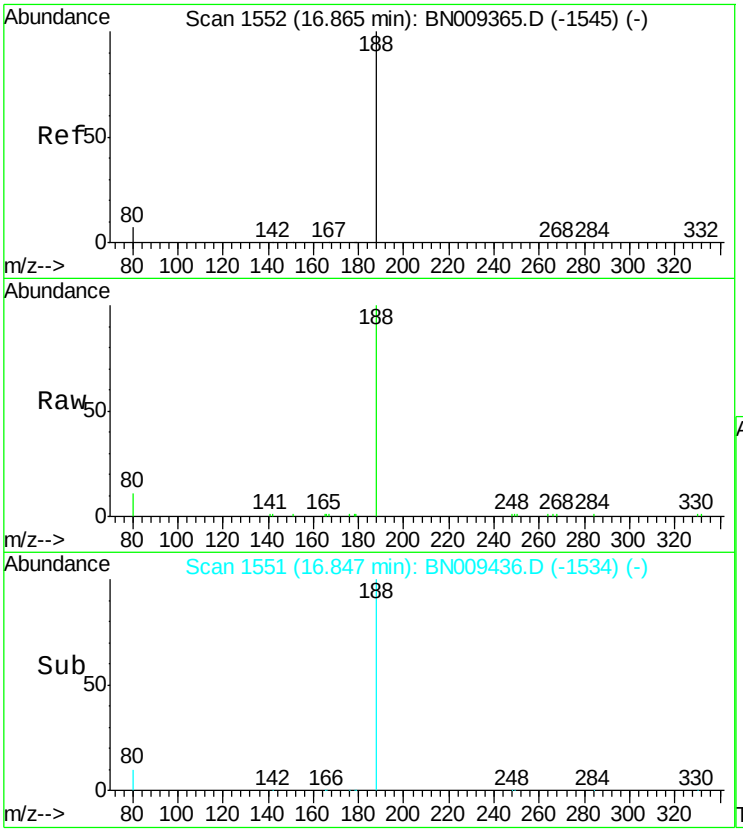


#18
Fluorene
Concen: 0.377 ng
RT: 15.16 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:166 Resp: 6516

Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.2	117.2
167	13.6	11.0	16.6



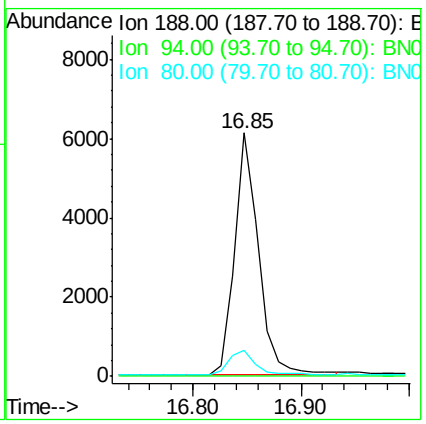


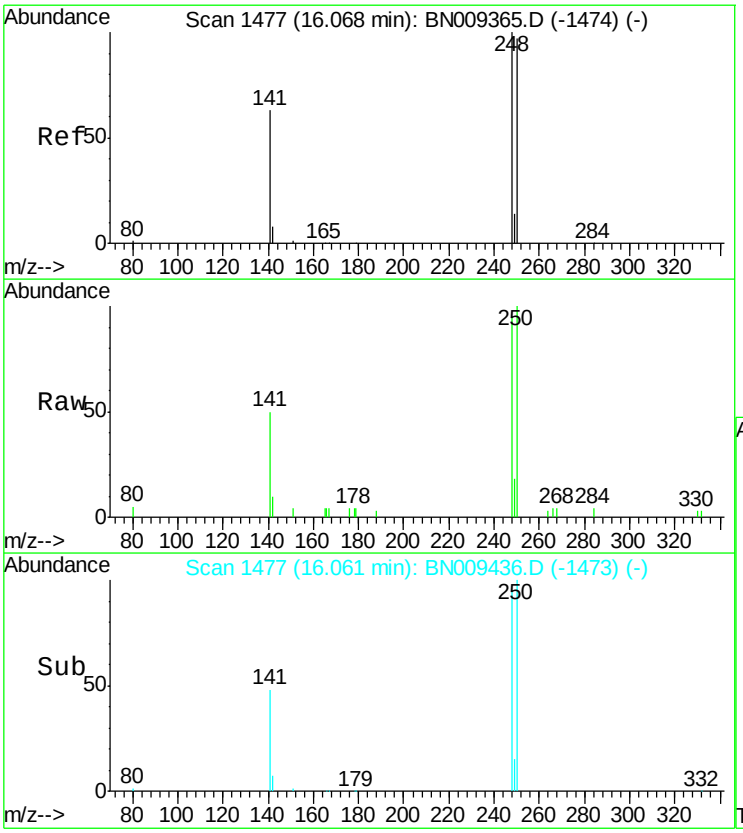
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.85 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:188 Resp: 9308

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	6.6	10.0#

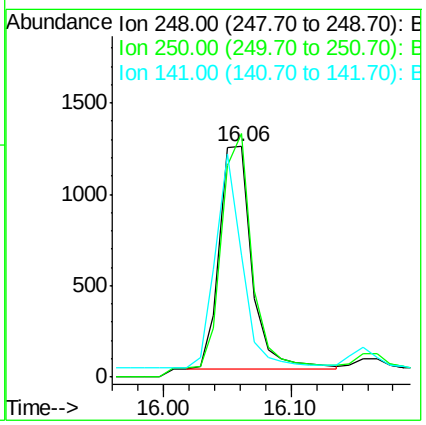


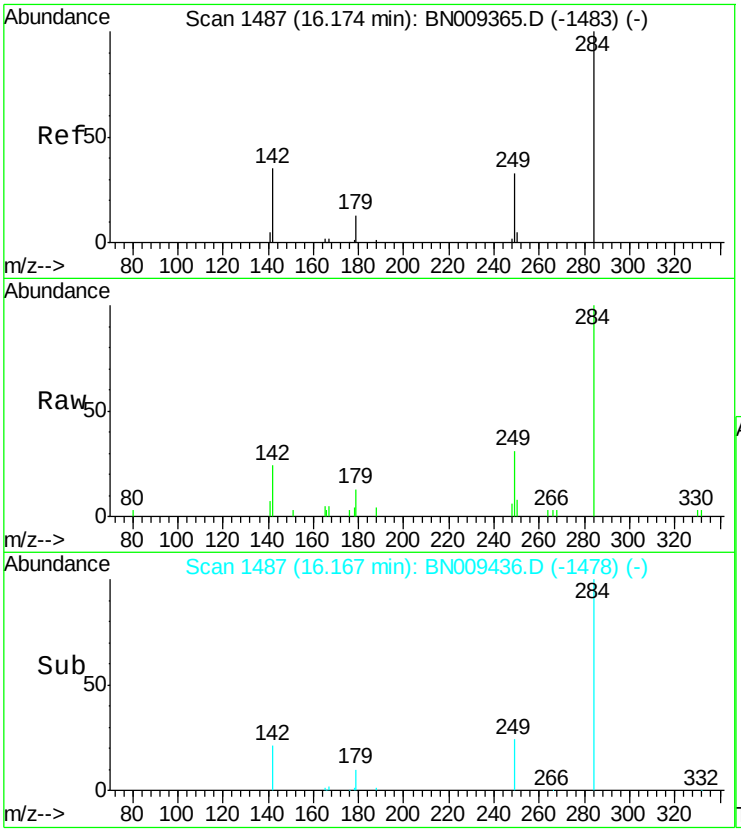


#20
4-Bromophenyl-phenylether
Concen: 0.385 ng
RT: 16.06 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:248 Resp: 2156

Ion	Ratio	Lower	Upper
248	100		
250	105.7	77.8	116.8
141	53.0	53.4	80.0#



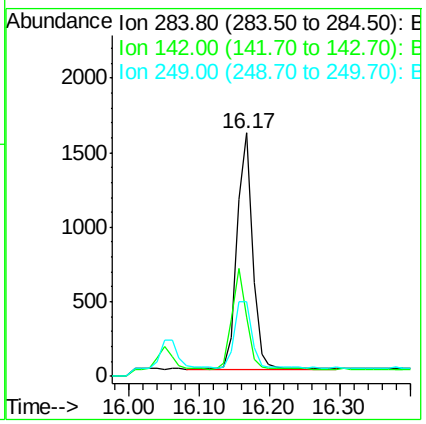


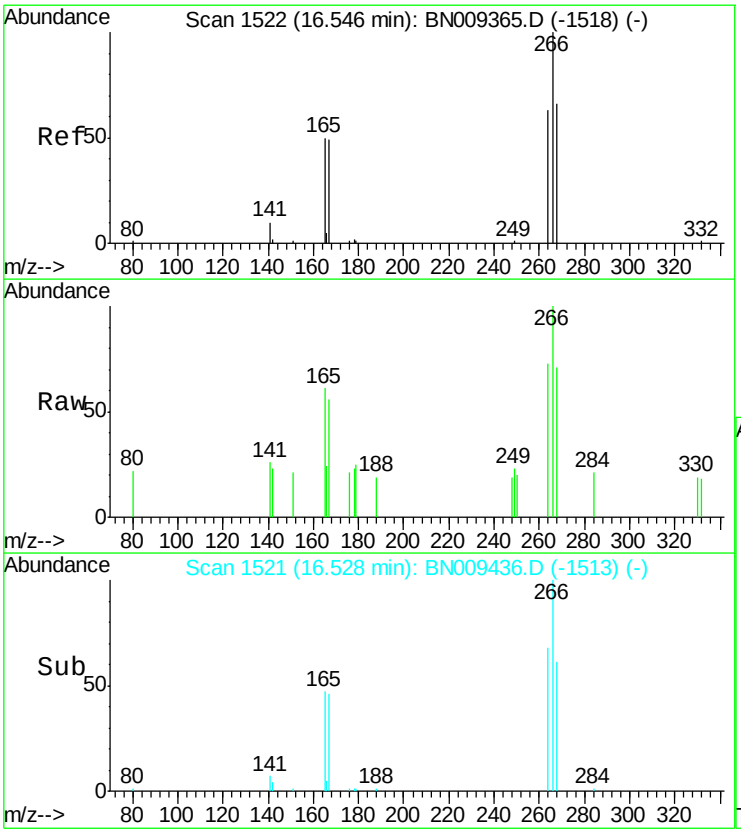
#21
Hexachlorobenzene
Concen: 0.398 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:284 Resp: 2373

Ion	Ratio	Lower	Upper
284	100		
142	40.2	33.8	50.8
249	32.0	27.0	40.4

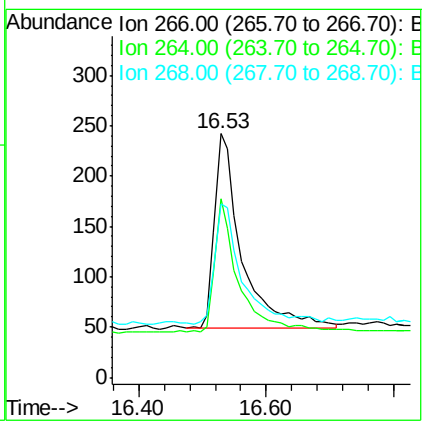


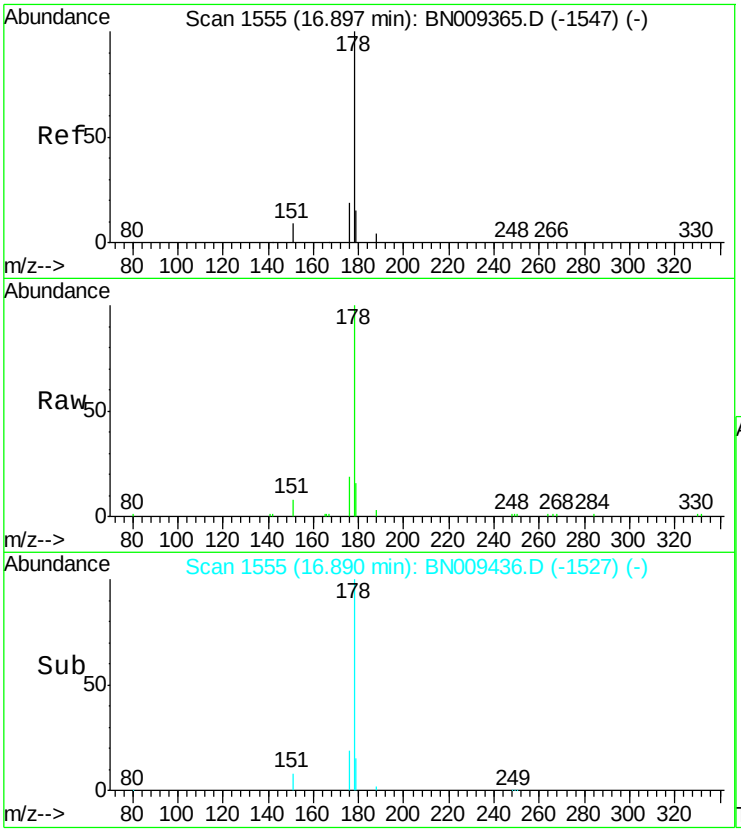


#22
Pentachlorophenol
Concen: 0.418 ng
RT: 16.53 min Scan# 1521
Delta R.T. -0.02 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:266 Resp: 572

Ion	Ratio	Lower	Upper
266	100		
264	73.1	57.8	86.6
268	71.5	63.8	95.6



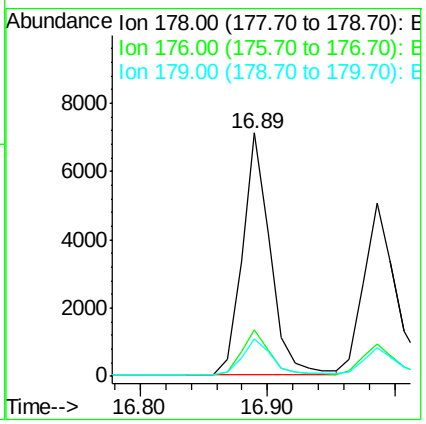


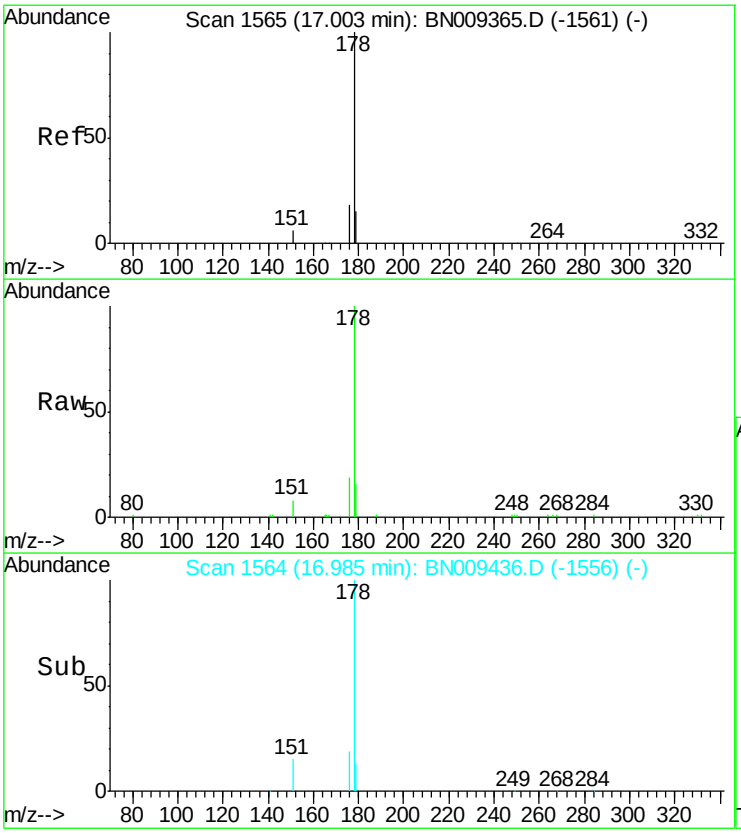
#23
Phenanthrene
Concen: 0.382 ng
RT: 16.89 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:178 Resp: 10678

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.4	12.3	18.5

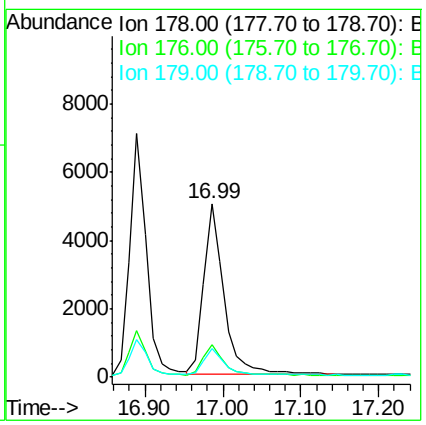


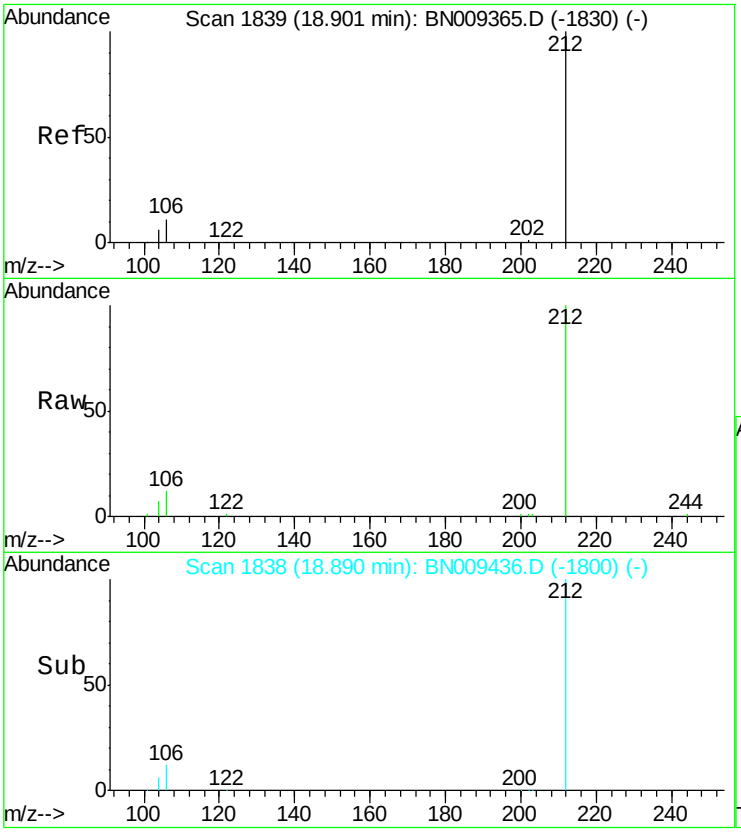


#24
Anthracene
Concen: 0.378 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:178 Resp: 8879

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.5	12.5	18.7



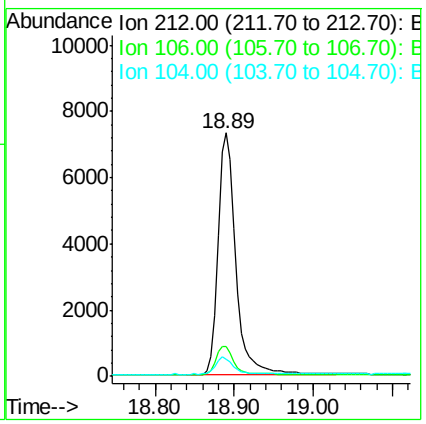


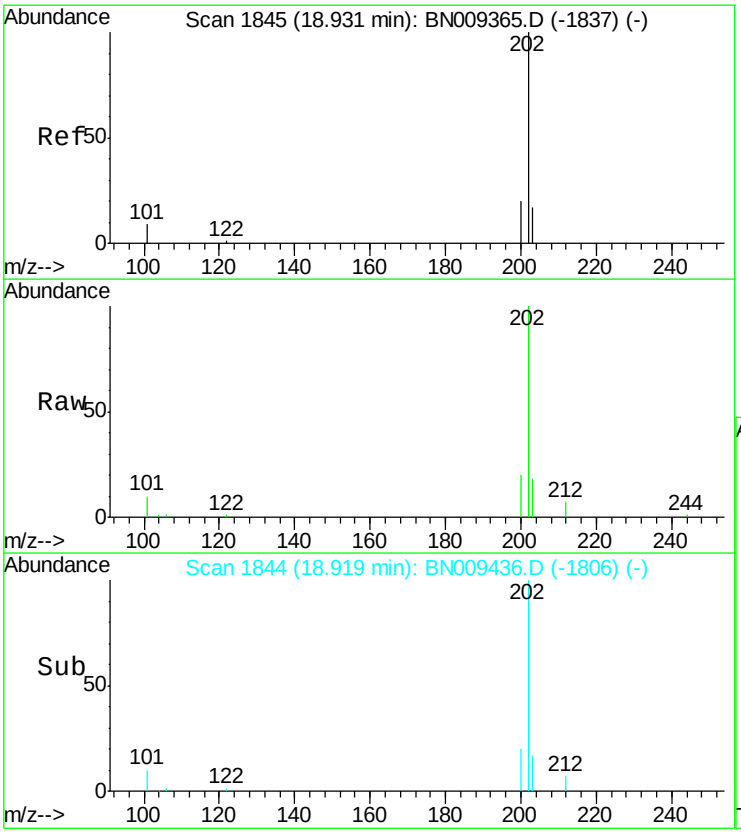
#25
Fluoranthene-d10
Concen: 0.365 ng
RT: 18.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:212 Resp: 11660

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.2	13.8
104	7.0	5.4	8.0

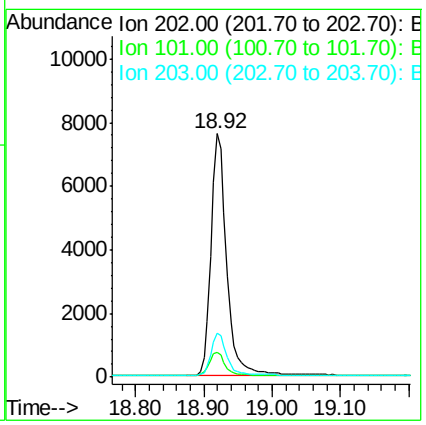


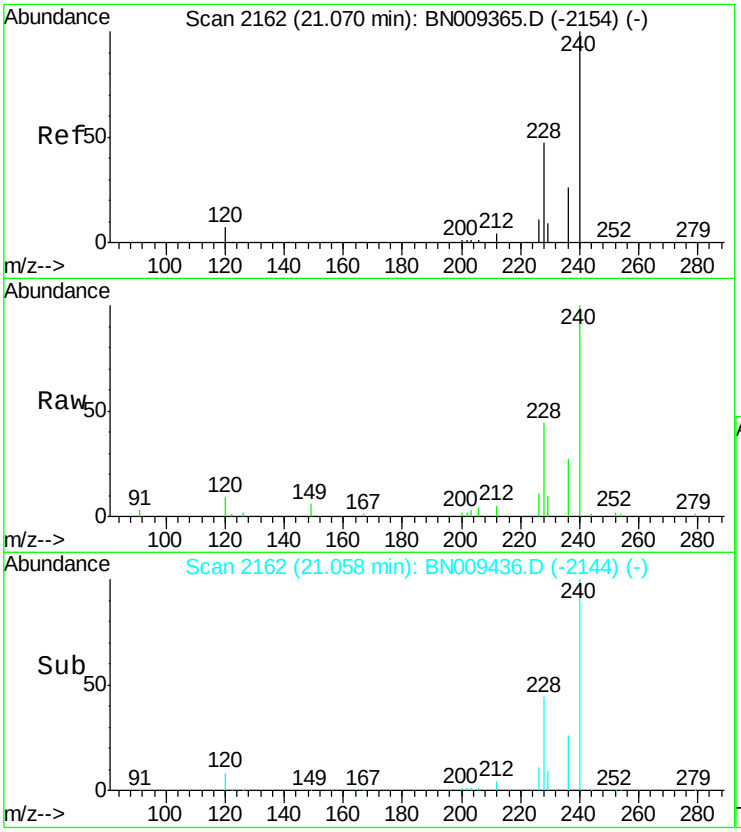


#26
Fluoranthene
Concen: 0.370 ng
RT: 18.92 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:202 Resp: 12128

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.0	12.0
203	16.8	13.5	20.3



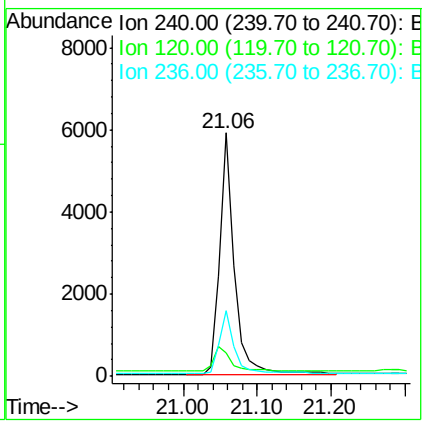


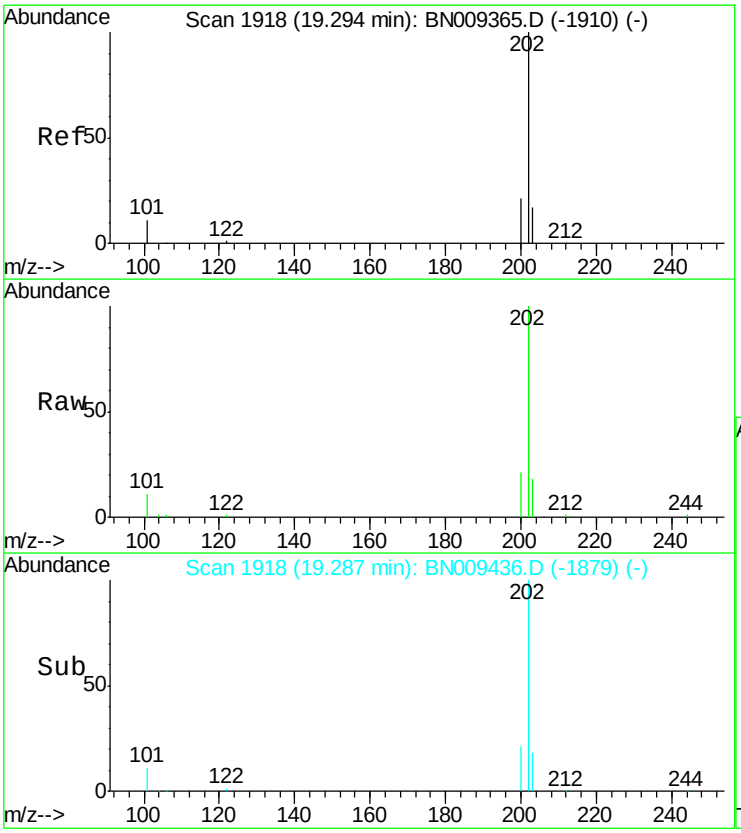
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:240 Resp: 8293

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.1	12.1
236	27.1	22.2	33.4

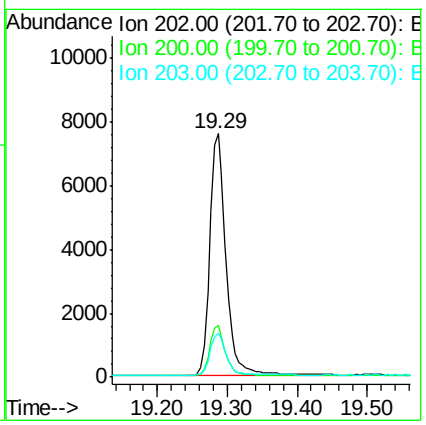


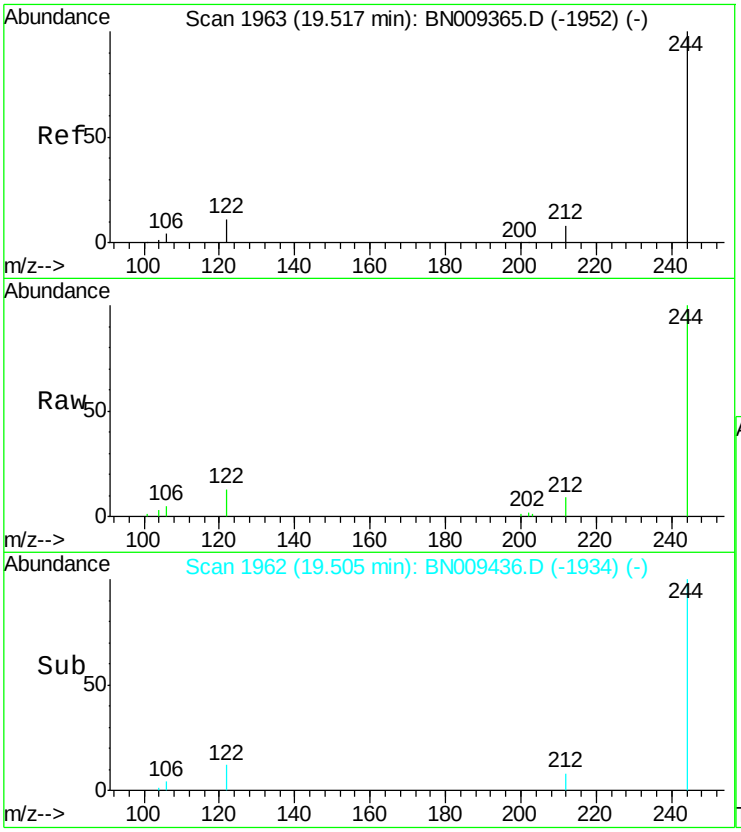


#28
Pyrene
Concen: 0.389 ng
RT: 19.29 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:202 Resp: 12223

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.5	14.1	21.1



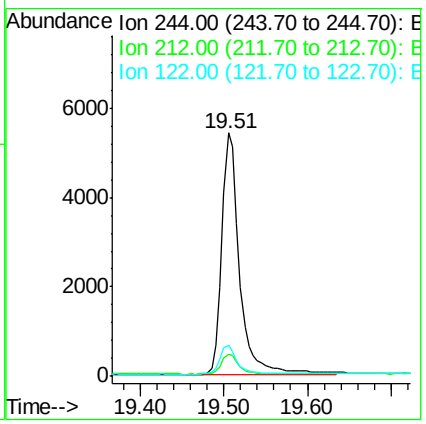


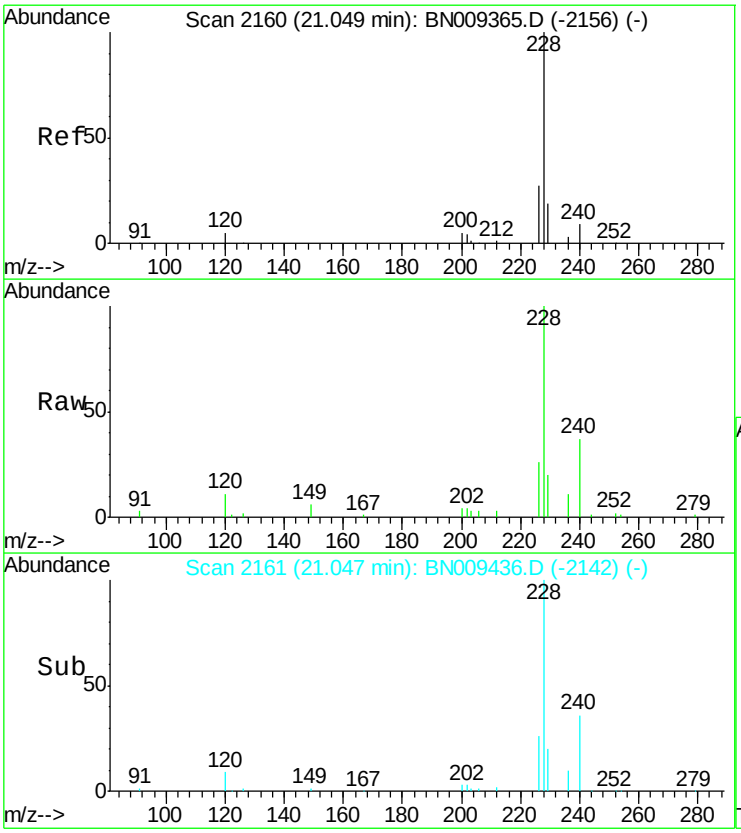
#29
Terphenyl-d14
Concen: 0.405 ng
RT: 19.51 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:244 Resp: 7955

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.5	11.3
122	12.6	9.8	14.6

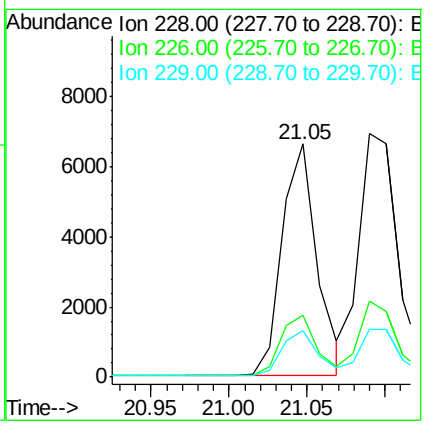


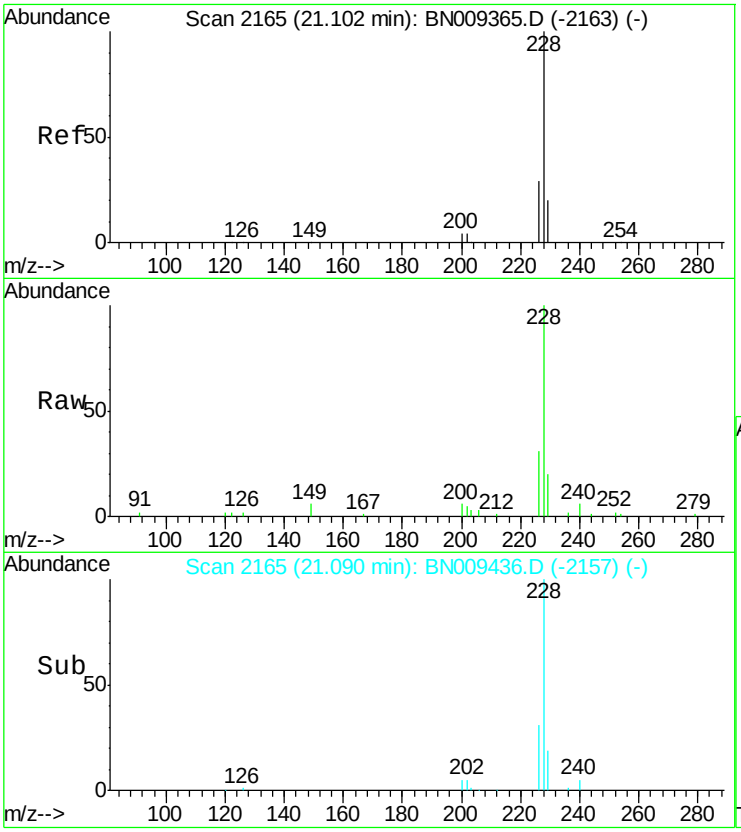


#30
Benzo(a)anthracene
Concen: 0.375 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:228 Resp: 10219

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.5	33.7
229	20.2	16.1	24.1



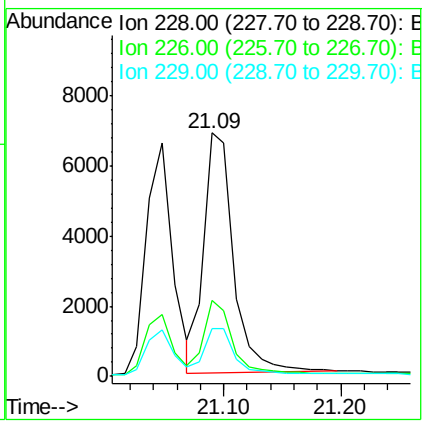


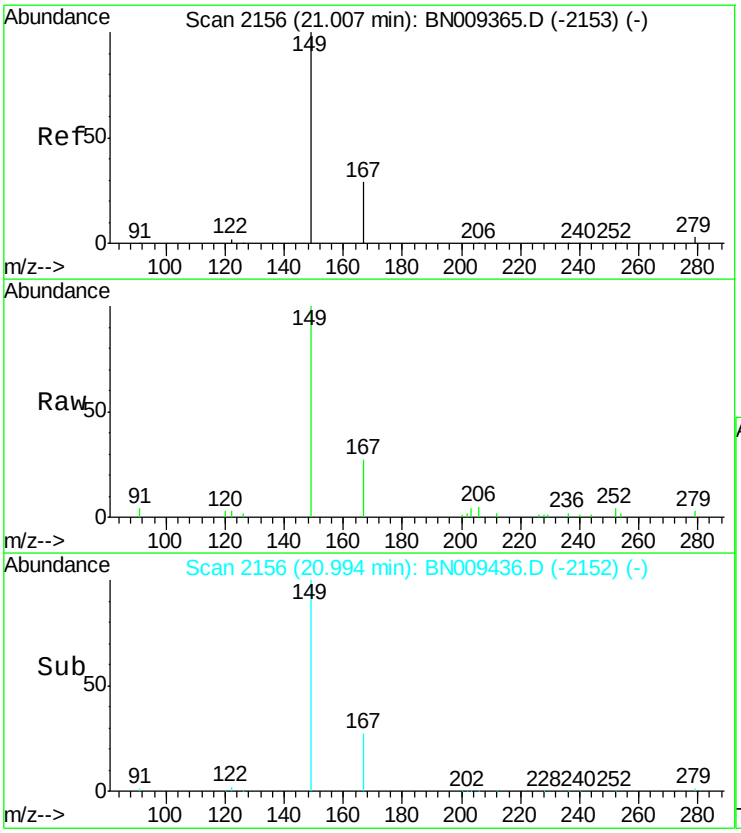
#31
Chrysene
Concen: 0.388 ng
RT: 21.09 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:228 Resp: 12083

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.8
229	19.7	16.6	24.8

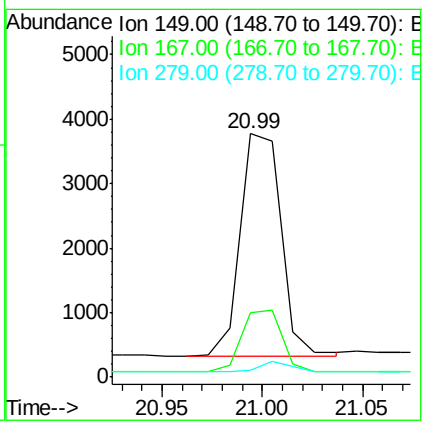


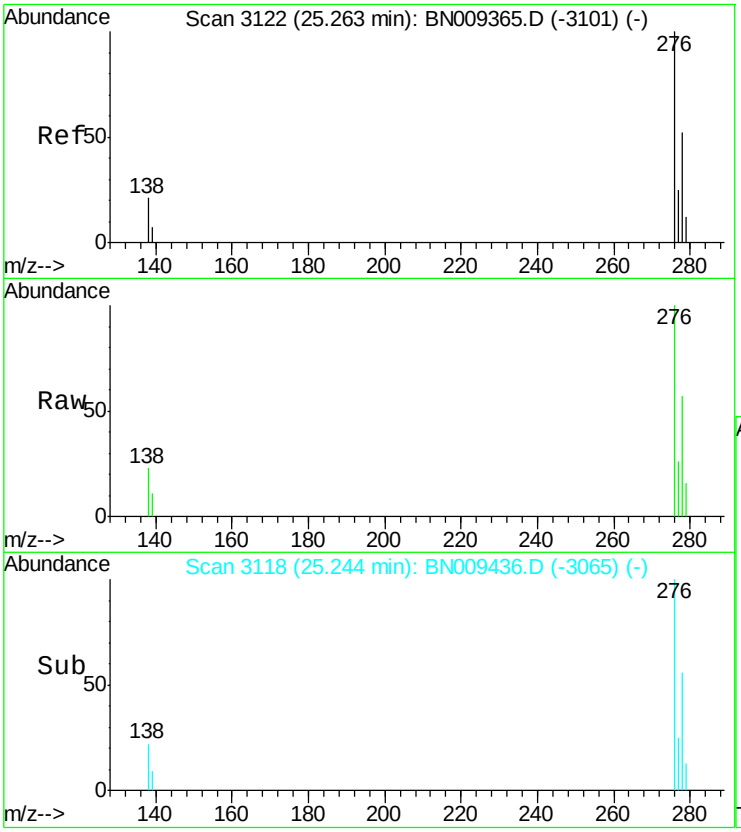


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.409 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:149 Resp: 4933

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.9	34.3
279	3.5	3.4	5.0



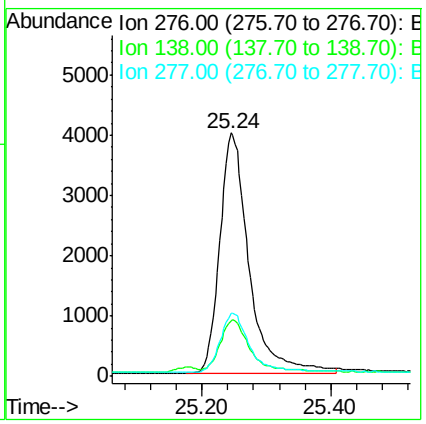


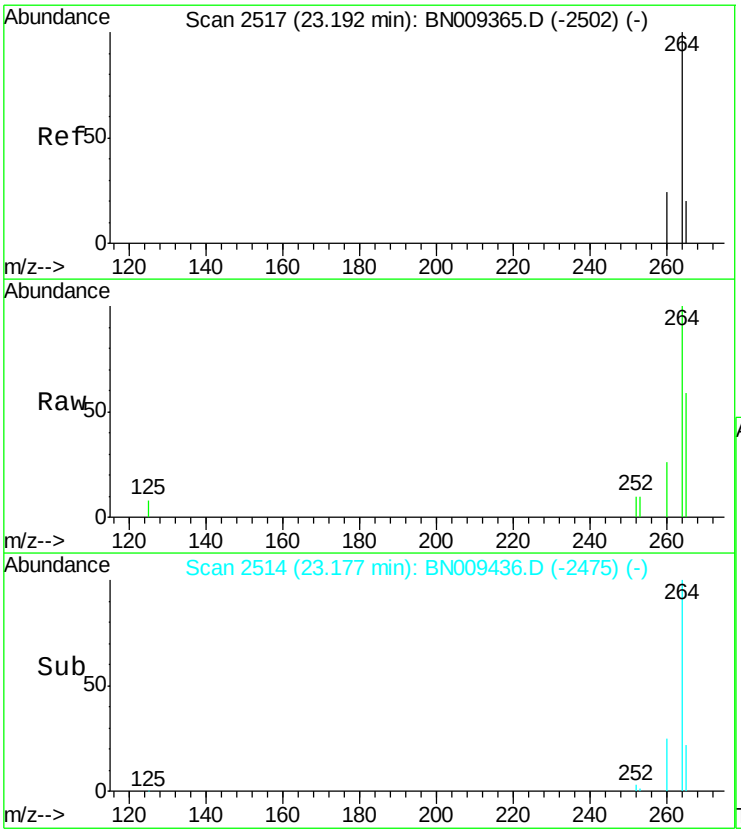
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng
RT: 25.24 min Scan# 3118
Delta R.T. -0.02 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:276 Resp: 12701

Ion	Ratio	Lower	Upper
276	100		
138	20.9	15.9	23.9
277	24.5	19.8	29.6

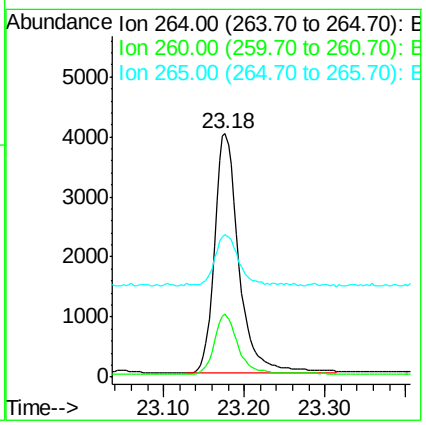


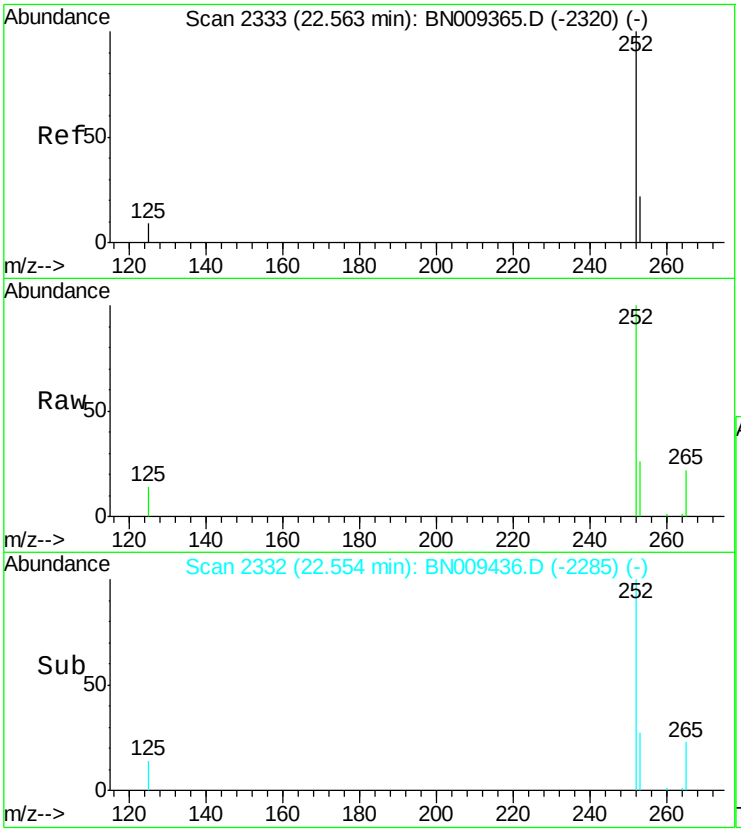


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.18 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:264 Resp: 8385

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.1	30.1
265	58.6	68.2	102.4#



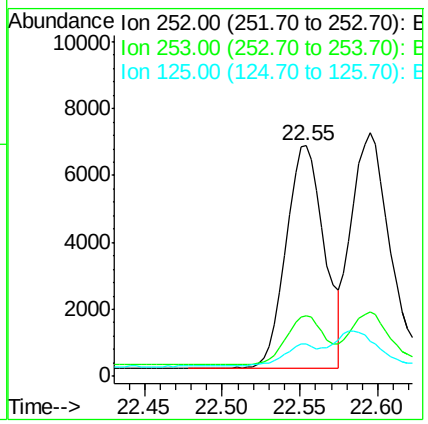


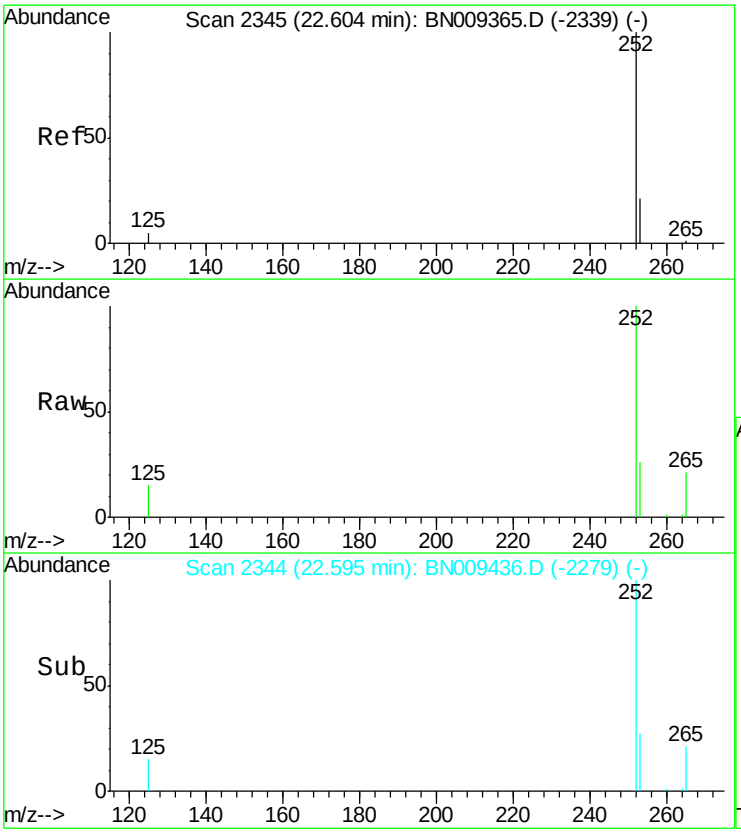
#35
Benzo(b)fluoranthene
Concen: 0.369 ng
RT: 22.55 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:252 Resp: 11388

Ion	Ratio	Lower	Upper
252	100		
253	26.1	22.4	33.6
125	13.8	11.6	17.4

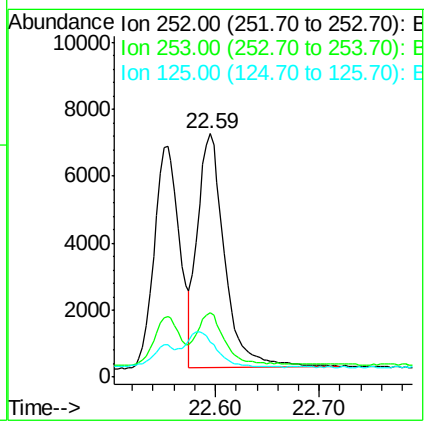


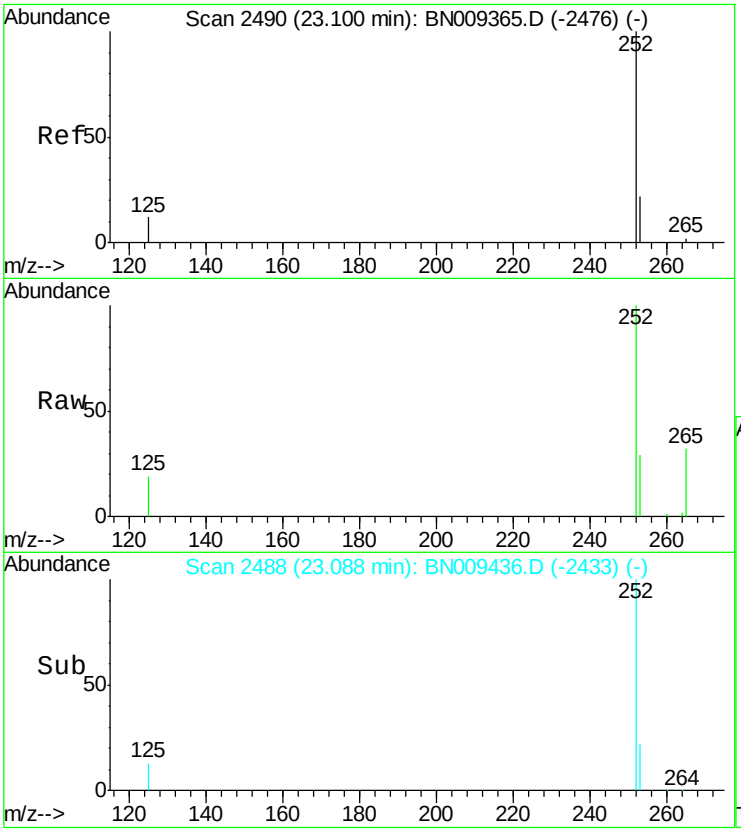


#36
Benzo(k)fluoranthene
Concen: 0.372 ng
RT: 22.59 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:252 Resp: 12649

Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.9	32.9
125	14.5	12.0	18.0



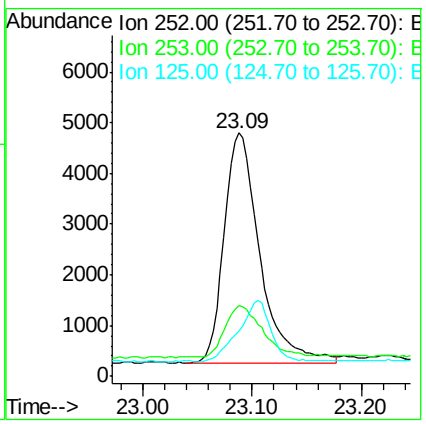


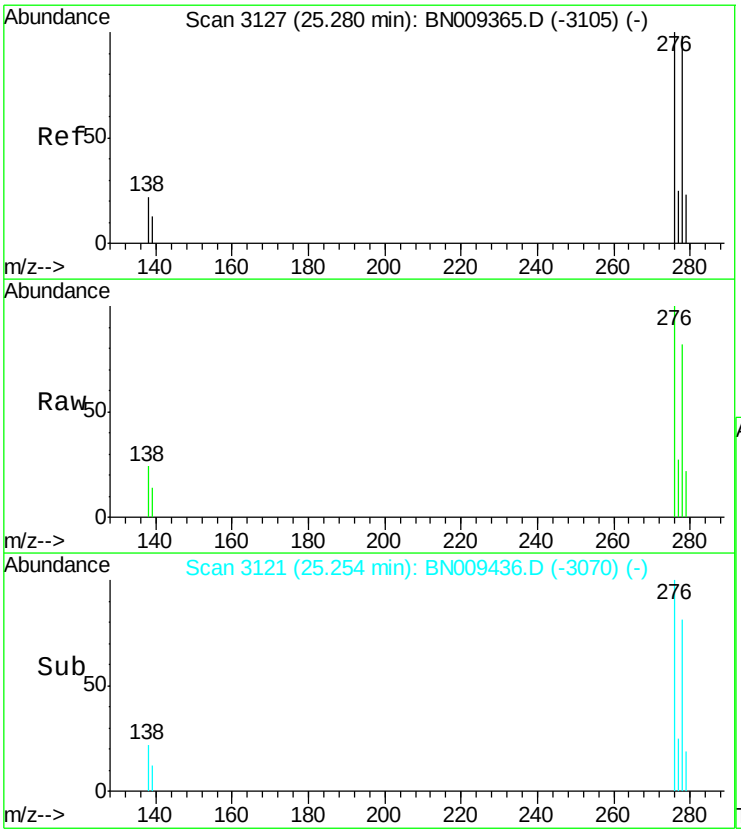
#37
Benzo(a)pyrene
Concen: 0.379 ng
RT: 23.09 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:252 Resp: 10284

Ion	Ratio	Lower	Upper
252	100		
253	29.0	25.4	38.0
125	18.7	16.2	24.2

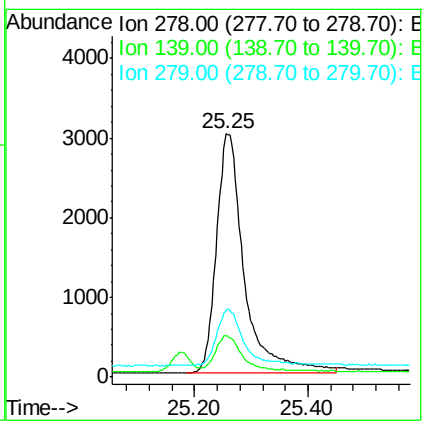


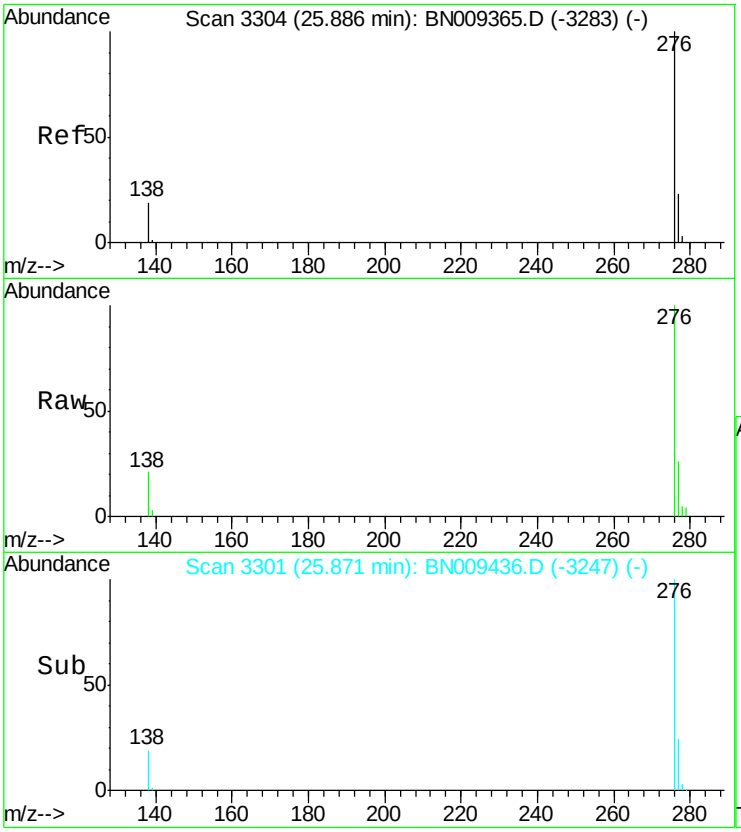


#38
Dibenzo(a,h)anthracene
Concen: 0.372 ng
RT: 25.25 min Scan# 3121
Delta R.T. -0.03 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Tgt Ion:278 Resp: 10156

Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.5	21.7
279	27.5	24.2	36.4





#39
Benzo(g,h,i)perylene
Concen: 0.357 ng
RT: 25.87 min Scan# 3301
Delta R.T. -0.02 min
Lab File: BN009436.D
Acq: 24 Jan 2020 10:40

Instrument :
BNA_N
ClientSampleId :
PB126283BS

Tgt Ion:276 Resp: 10725

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.6	30.8
138	20.8	17.1	25.7