Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
Data File : BN009405.D
Acq On : 20 Jan 2020 16:38
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jan 20 17:51:16 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	1254	0.40	ng		0.00
7) Naphthalene-d8	10.23	136	4443	0.40	ng		0.00
13) Acenaphthene-d10	14.10	164	2918	0.40	ng		0.00
19) Phenanthrene-d10	16.86	188	6476	0.40	ng		0.00
27) Chrysene-d12	21.07	240	5373	0.40	ng		0.00
34) Perylene-d12	23.19	264	5372	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1029	0.36	ng		0.00
5) Phenol-d6	6.67	99	1188	0.36	ng		0.00
8) Nitrobenzene-d5	8.62	82	1233	0.35	ng		-0.01
11) 2-Methylnaphthalene-d10	11.83	152	3287	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.62	330	373	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.72	172	4137	0.38	ng		0.00
25) Fluoranthene-d10	18.90	212	8000	0.36	ng		0.00
29) Terphenyl-d14	19.52	244	4946	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	529	0.404	ng		97
3) n-Nitrosodimethylamine	3.47	42	728	0.360	ng	#	96
6) bis(2-Chloroethyl)ether	6.92	93	1167	0.339	ng		99
9) Naphthalene	10.27	128	4655	0.387	ng		98
10) Hexachlorobutadiene	10.56	225	1050	0.398	ng	#	98
12) 2-Methylnaphthalene	11.90	142	3238	0.386	ng		99
16) Acenaphthylene	13.81	152	4391	0.349	ng		100
17) Acenaphthene	14.16	154	3339	0.377	ng		99
18) Fluorene	15.16	166	4475	0.388	ng		98
20) 4-Bromophenyl-phenylether	16.06	248	1438	0.369	ng		97
21) Hexachlorobenzene	16.17	284	1526	0.368	ng		98
22) Pentachlorophenol	16.55	266	339	0.378	ng		96
23) Phenanthrene	16.90	178	7181	0.369	ng		100
24) Anthracene	17.00	178	5721	0.350	ng		99
26) Fluoranthene	18.93	202	8138	0.357	ng		100
28) Pyrene	19.29	202	8217	0.404	ng		100
30) Benzo(a)anthracene	21.06	228	6136	0.347	ng		98
31) Chrysene	21.10	228	8177	0.405	ng		98
32) Bis(2-ethylhexyl)phthalate	21.00	149	2896	0.371	ng		98
33) Indeno(1,2,3-cd)pyrene	25.27	276	7933	0.378	ng		98
35) Benzo(b)fluoranthene	22.56	252	7092	0.359	ng		99
36) Benzo(k)fluoranthene	22.61	252	8497	0.390	ng		98
37) Benzo(a)pyrene	23.10	252	6481	0.373	ng		99
38) Dibenzo(a,h)anthracene	25.28	278	6227	0.356	ng		98
39) Benzo(g,h,i)perylene	25.89	276	7192	0.374	ng		99

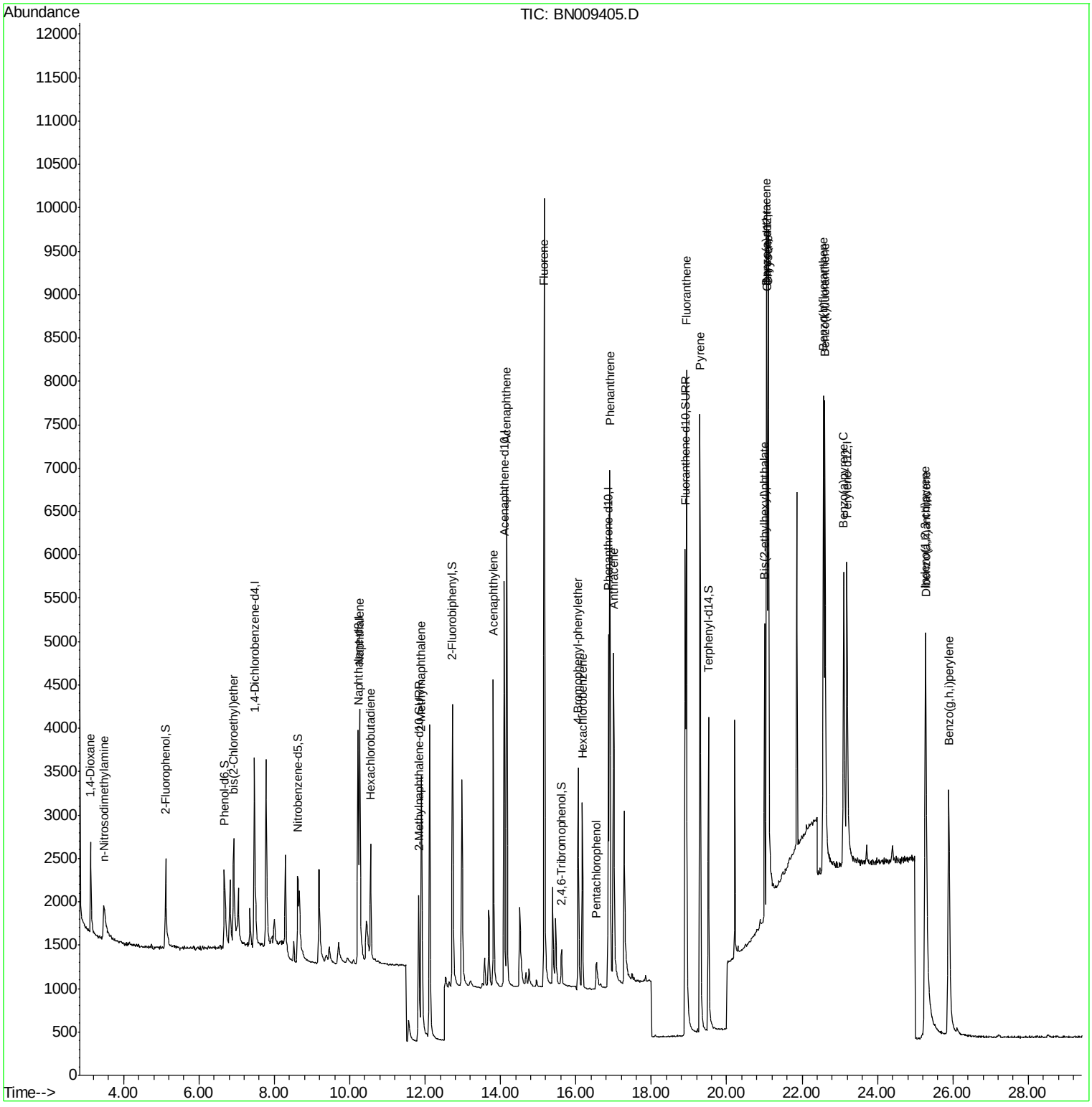
(#) = qualifier out of range (m) = manual integration (+) = signals summed

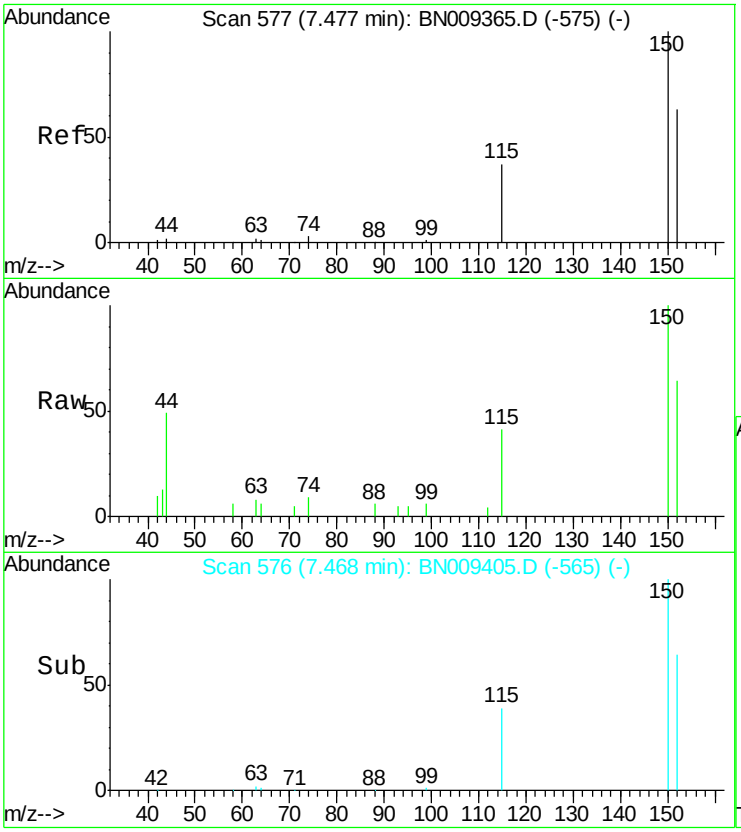
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
Data File : BN009405.D
Acq On : 20 Jan 2020 16:38
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jan 20 17:51:16 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



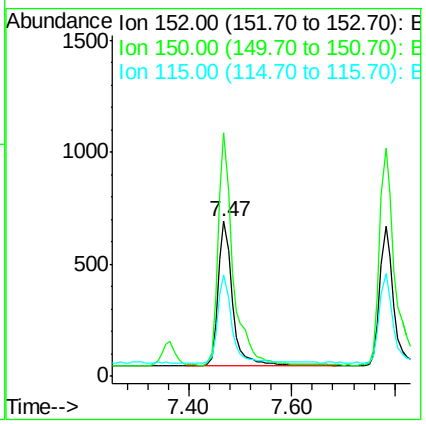


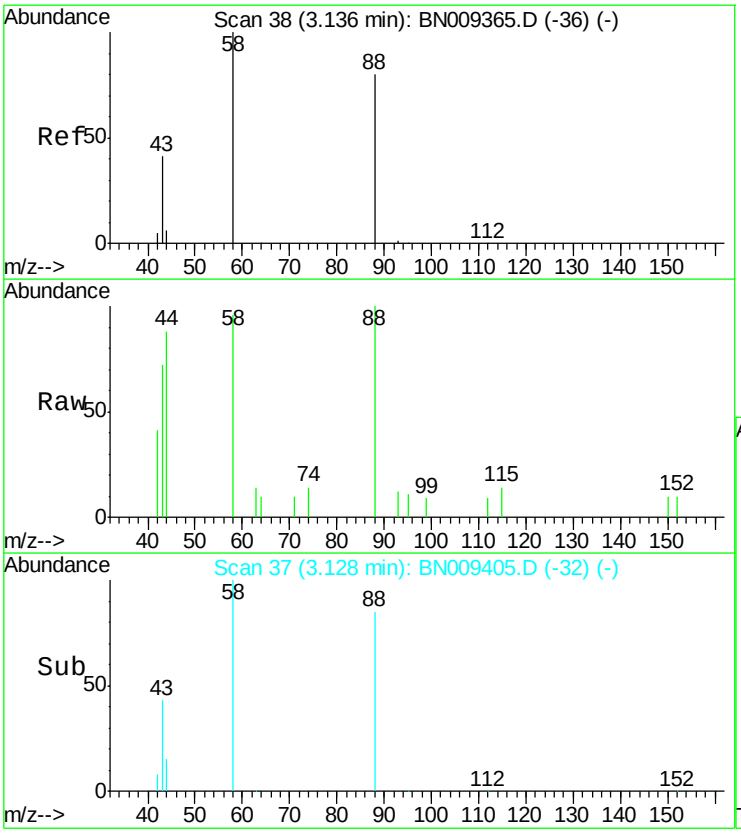
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1254

Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.7	188.5
115	65.1	53.3	79.9

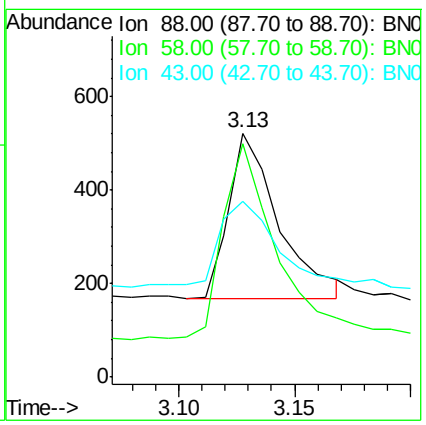


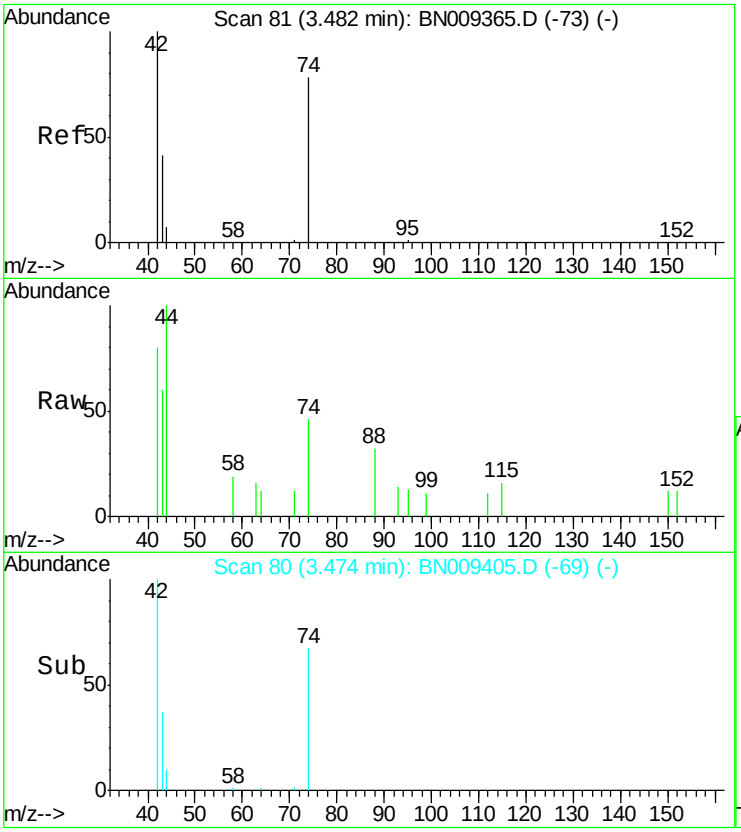


#2
1,4-Dioxane
Concen: 0.404 ng
RT: 3.13 min Scan# 37
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion: 88 Resp: 529

Ion	Ratio	Lower	Upper
88	100		
58	121.7	100.2	150.2
43	54.8	43.1	64.7



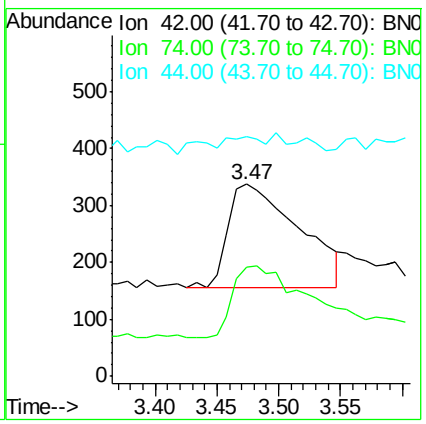


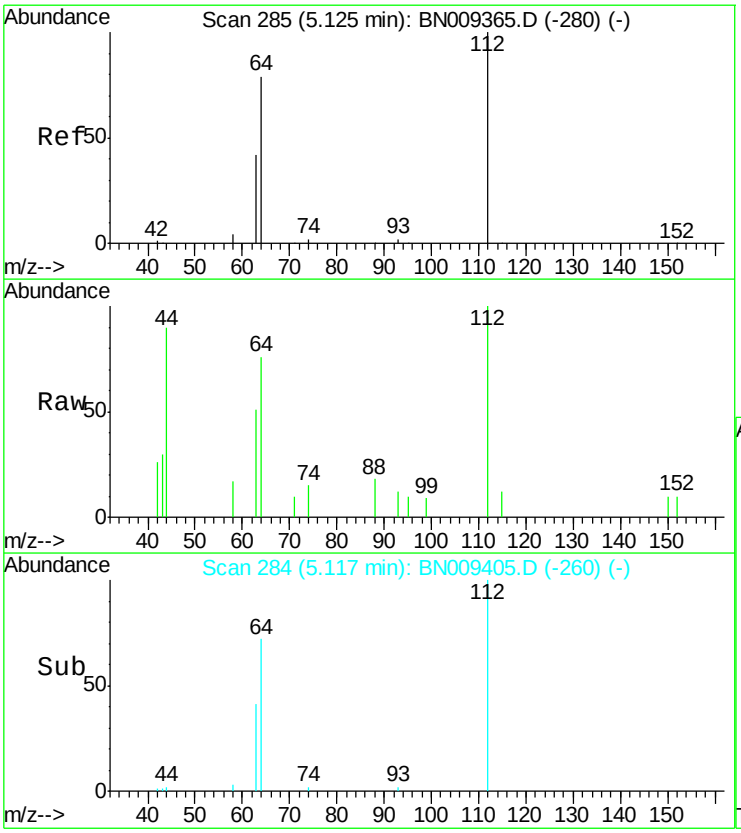
#3
n-Nitrosodimethylamine
Concen: 0.360 ng
RT: 3.47 min Scan# 80
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 728

Ion	Ratio	Lower	Upper
42	100		
74	69.0	55.8	83.8
44	5.8	11.1	16.7#

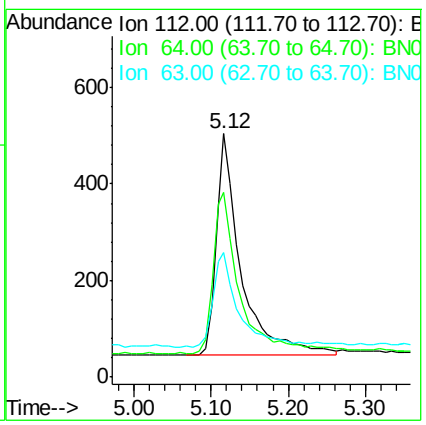


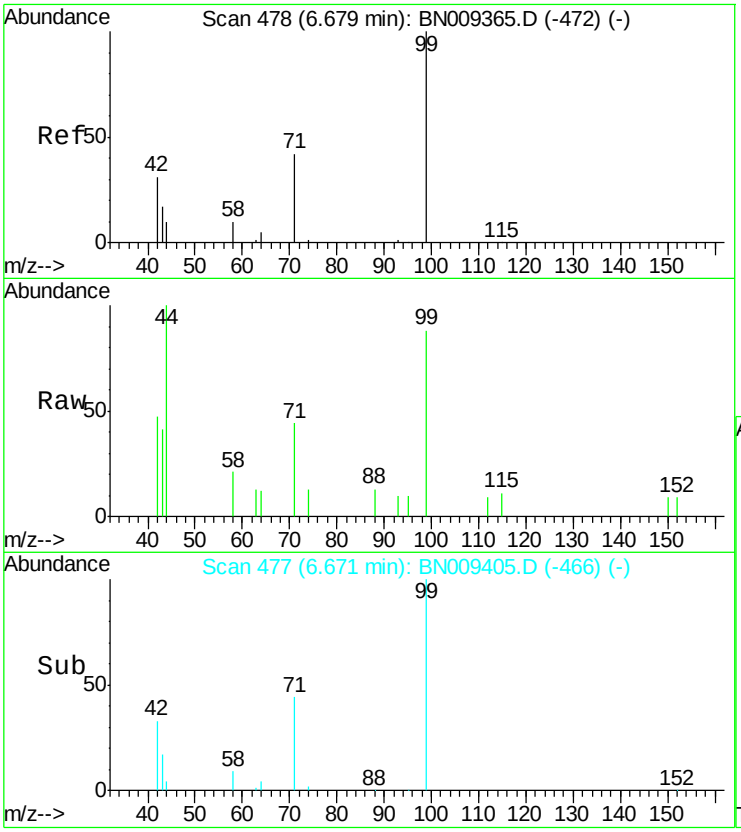


#4
2-Fluorophenol
Concen: 0.357 ng
RT: 5.12 min Scan# 284
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:112 Resp: 1029

Ion	Ratio	Lower	Upper
112	100		
64	80.5	61.5	92.3
63	44.0	35.0	52.4



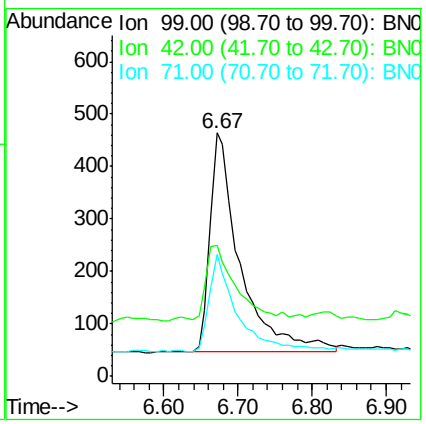


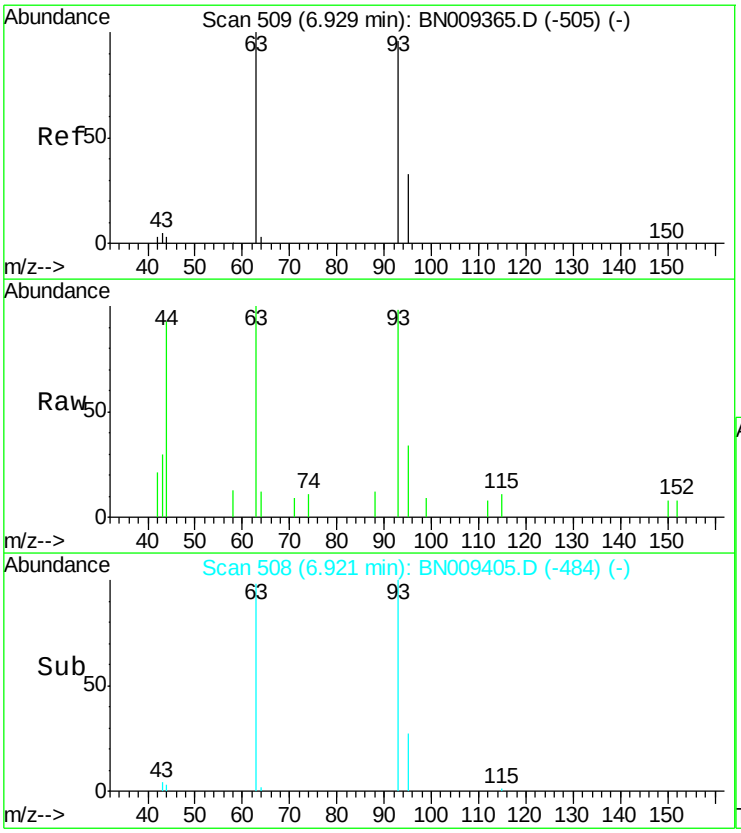
#5
Phenol-d6
Concen: 0.356 ng
RT: 6.67 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1188

Ion	Ratio	Lower	Upper
99	100		
42	33.6	27.6	41.4
71	41.6	33.0	49.6

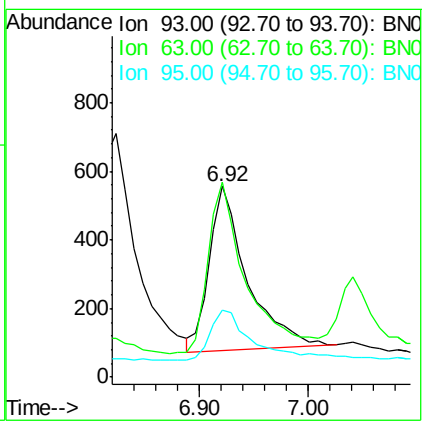


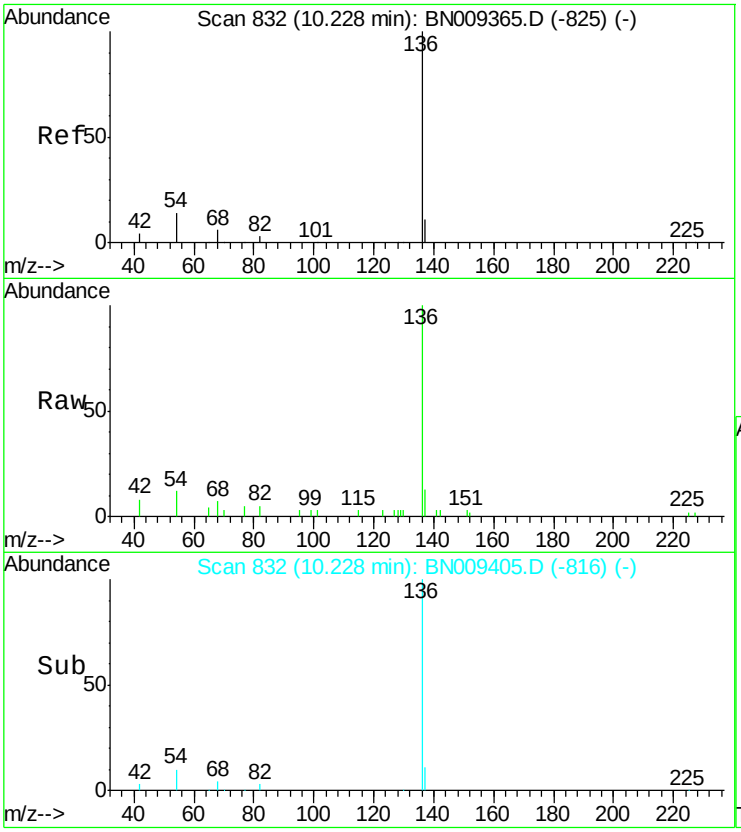


#6
bis(2-Chloroethyl)ether
Concen: 0.339 ng
RT: 6.92 min Scan# 508
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion: 93 Resp: 1167

Ion	Ratio	Lower	Upper
93	100		
63	106.7	85.1	127.7
95	36.0	30.2	45.4



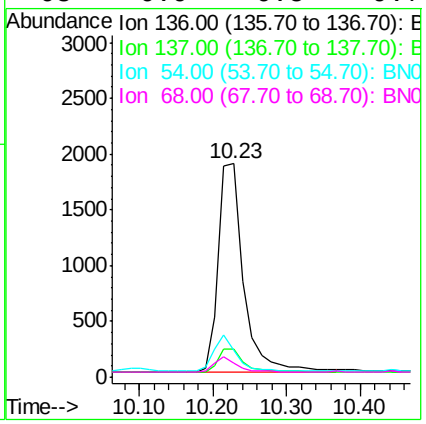


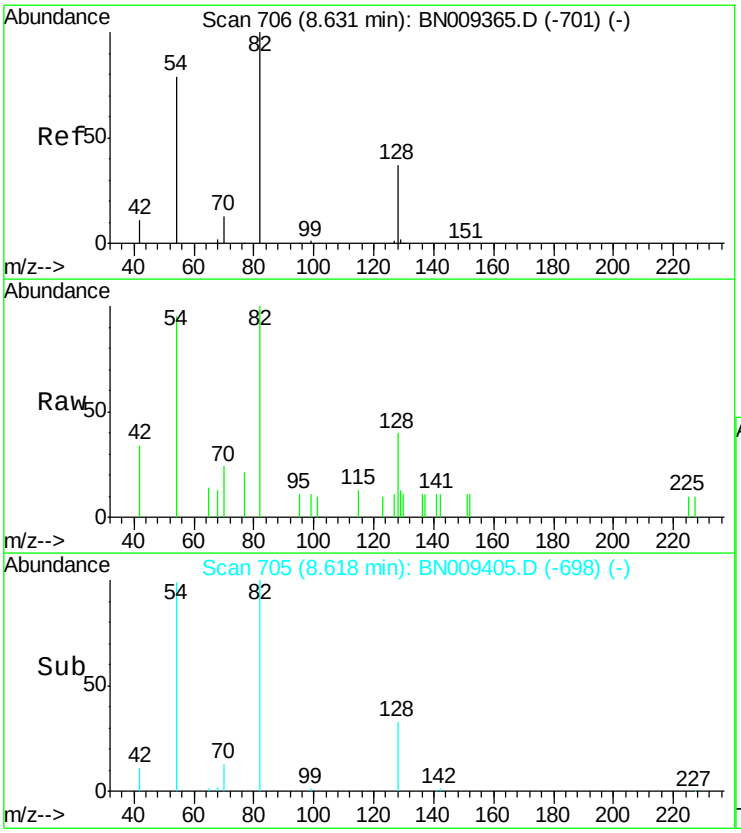
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4443

Ion	Ratio	Lower	Upper
136	100		
137	13.4	10.3	15.5
54	12.4	12.6	19.0#
68	6.9	6.5	9.7

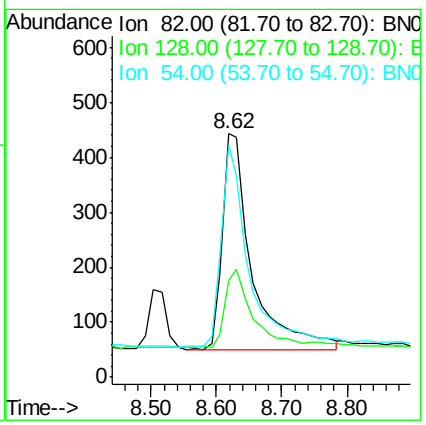


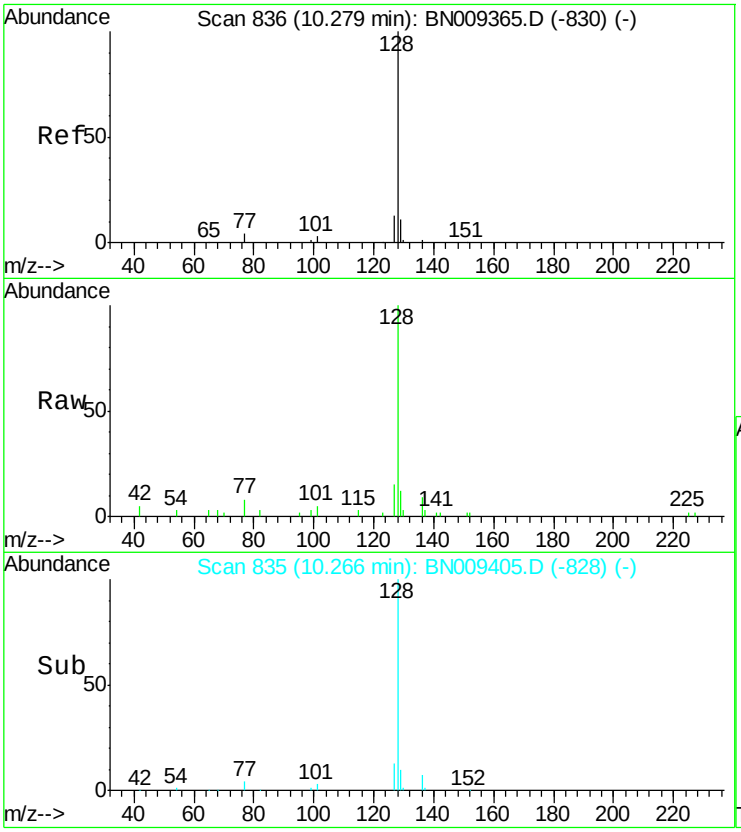


#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.62 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion: 82 Resp: 1233

Ion	Ratio	Lower	Upper
82	100		
128	39.7	34.8	52.2
54	95.3	65.8	98.6



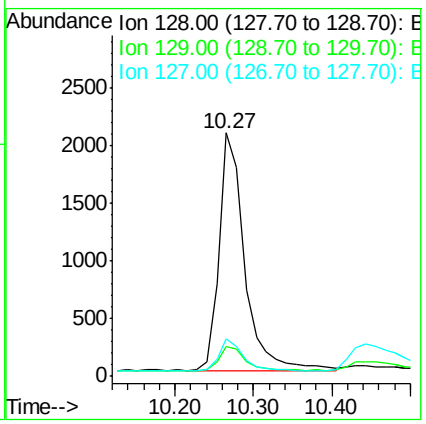


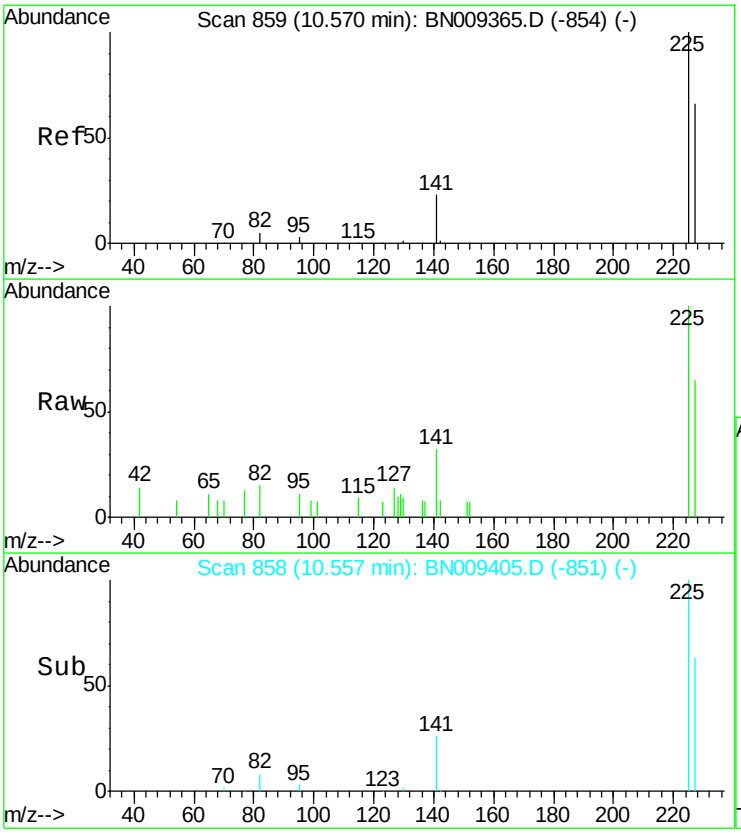
#9
Naphthalene
Concen: 0.387 ng
RT: 10.27 min Scan# 835
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 4655

Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.4	15.6
127	15.3	11.4	17.2

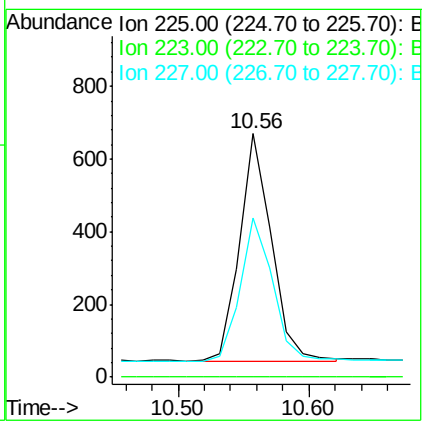


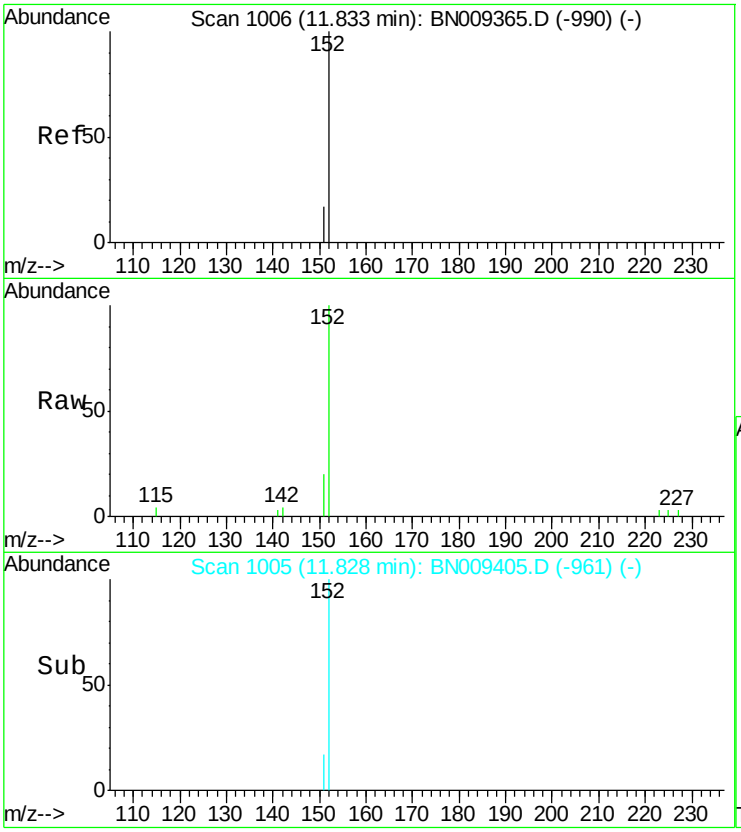


#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 10.56 min Scan# 858
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:225 Resp: 1050

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	52.6	78.8



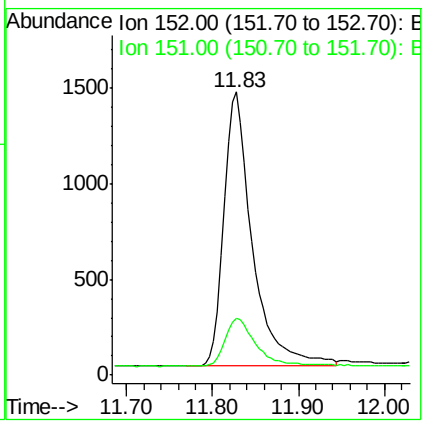


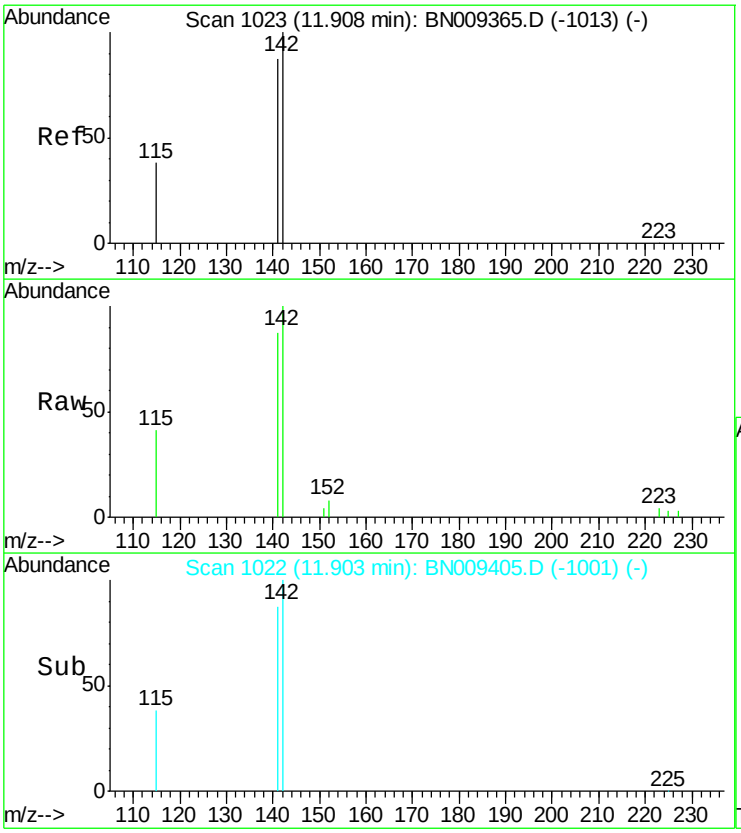
#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 11.83 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3287

Ion	Ratio	Lower	Upper
152	100		
151	18.9	14.8	22.2

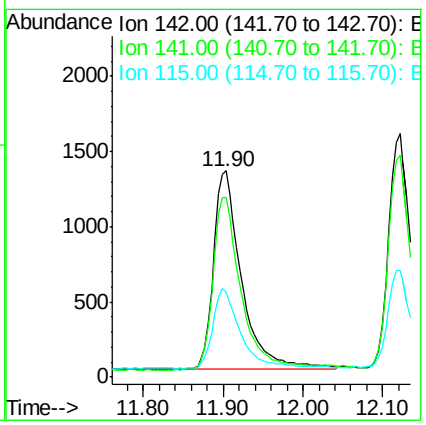


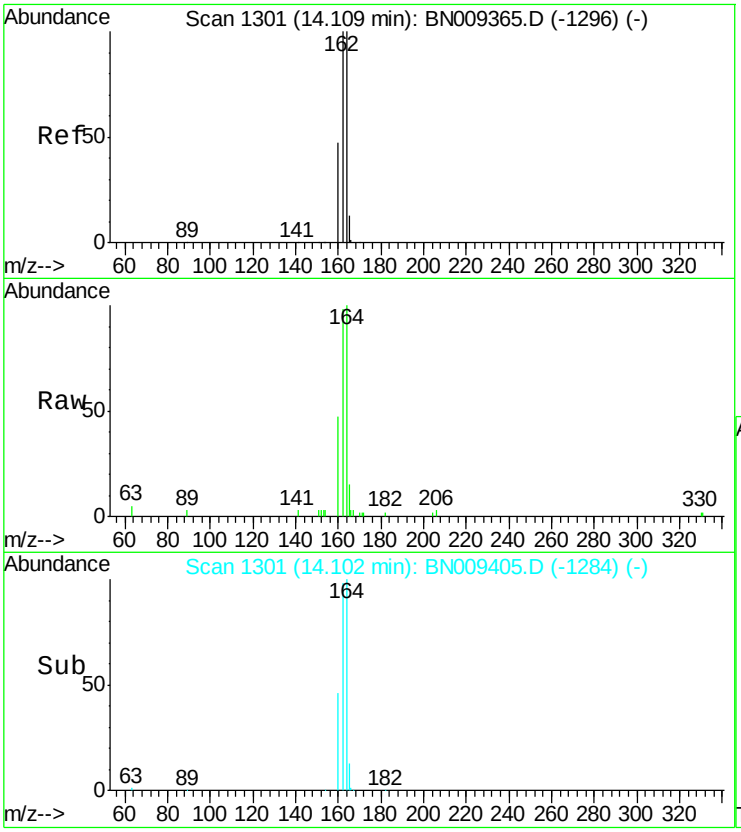


#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 11.90 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:142 Resp: 3238

Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.8	104.6
115	41.1	32.5	48.7



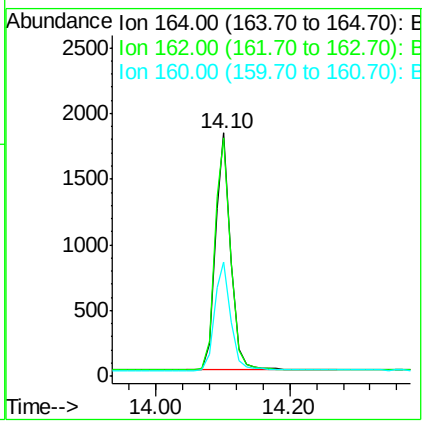


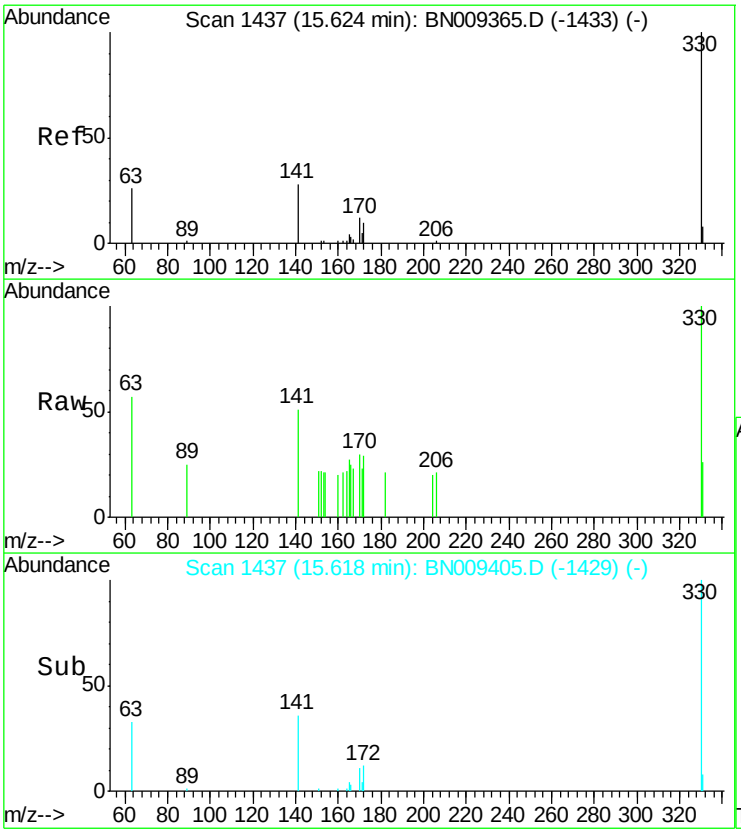
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2918

Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.8	119.6
160	47.1	38.4	57.6

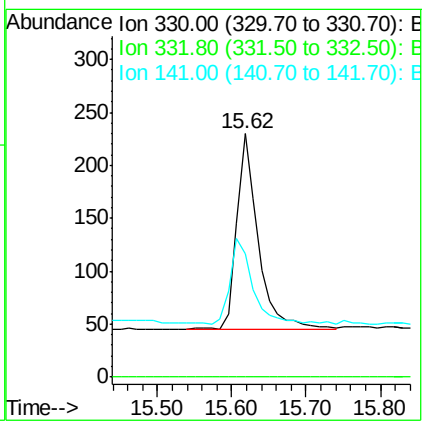


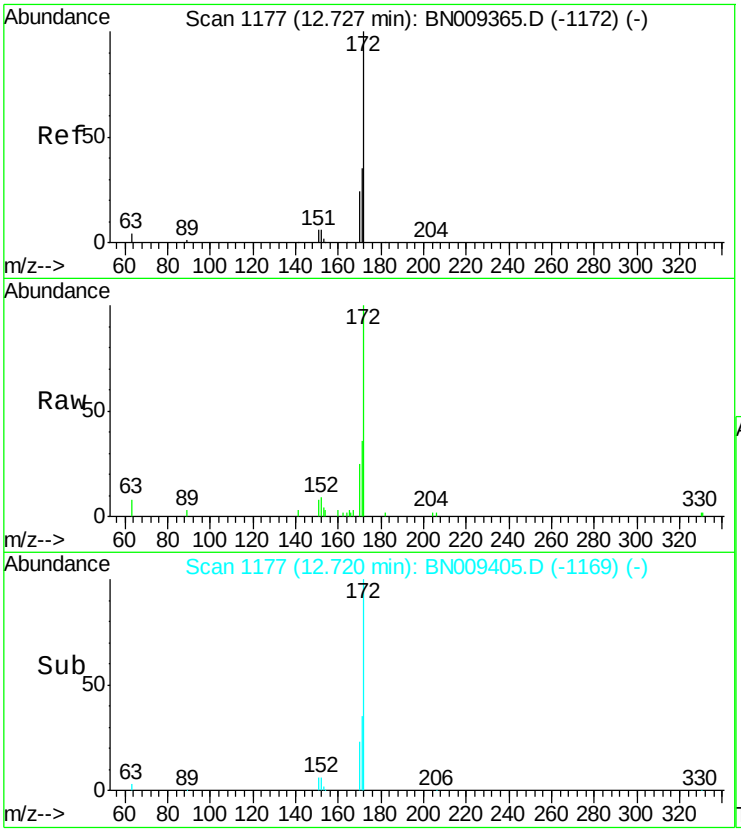


#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 15.62 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:330 Resp: 373

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.4	33.1	49.7



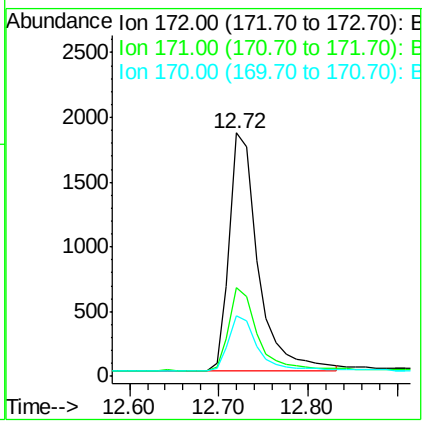


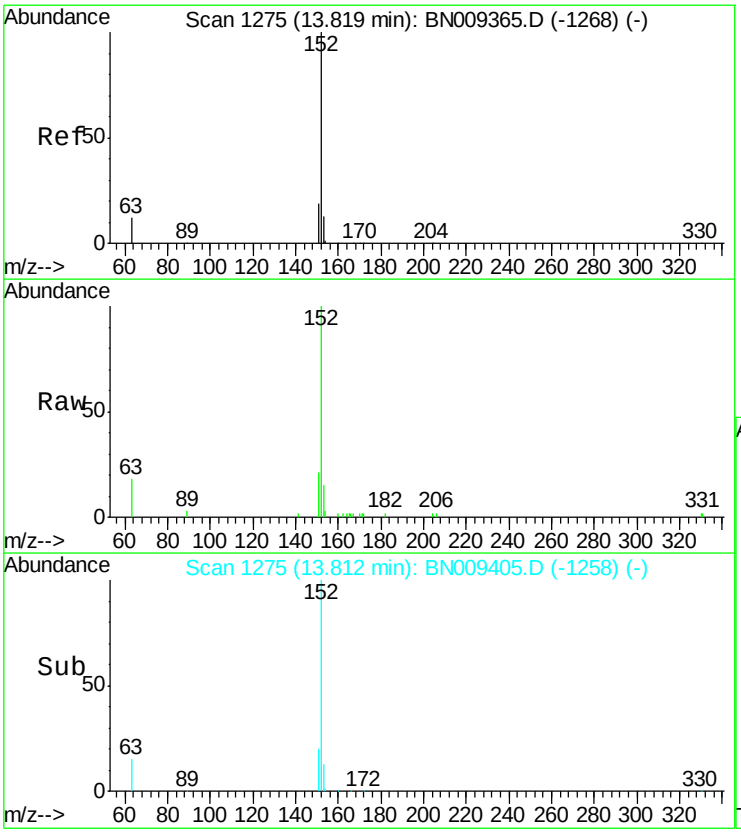
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4137

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.5	44.3
170	25.1	20.7	31.1

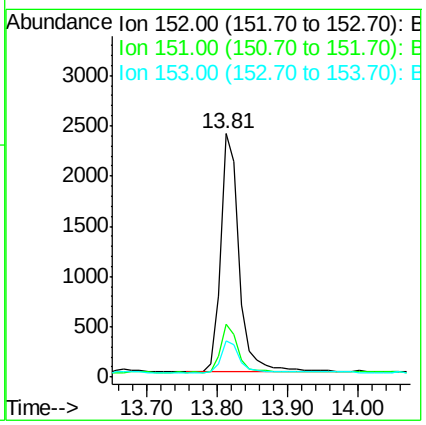


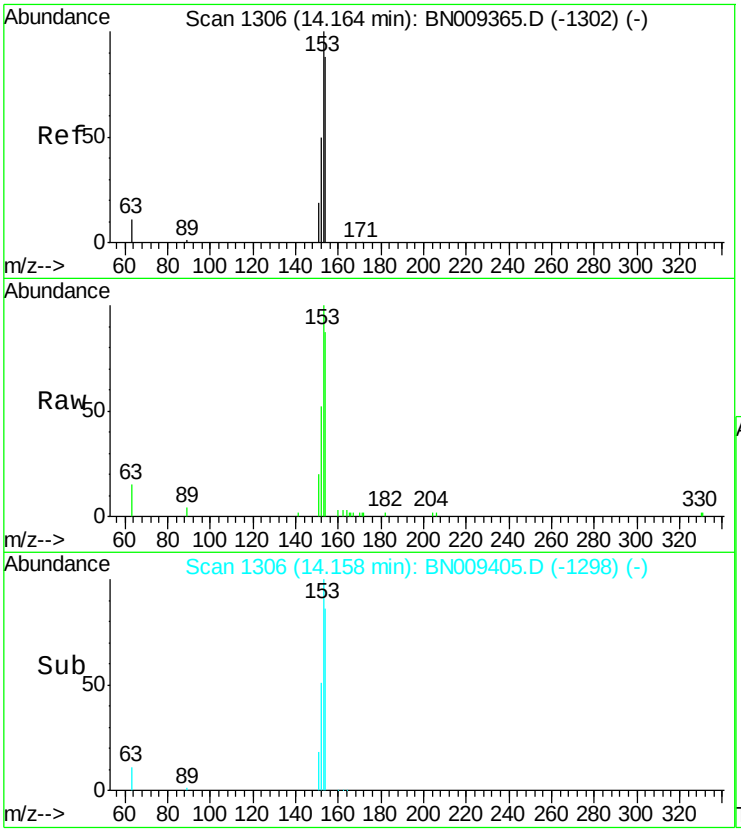


#16
Acenaphthylene
Concen: 0.349 ng
RT: 13.81 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:152 Resp: 4391

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	12.8	10.4	15.6



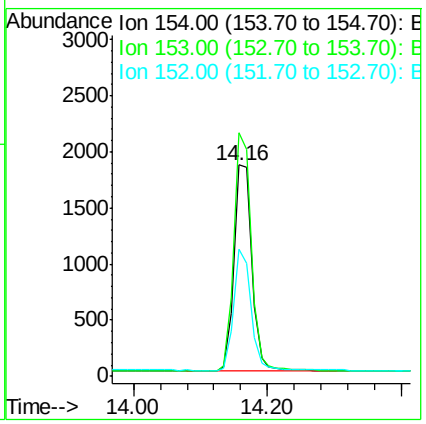


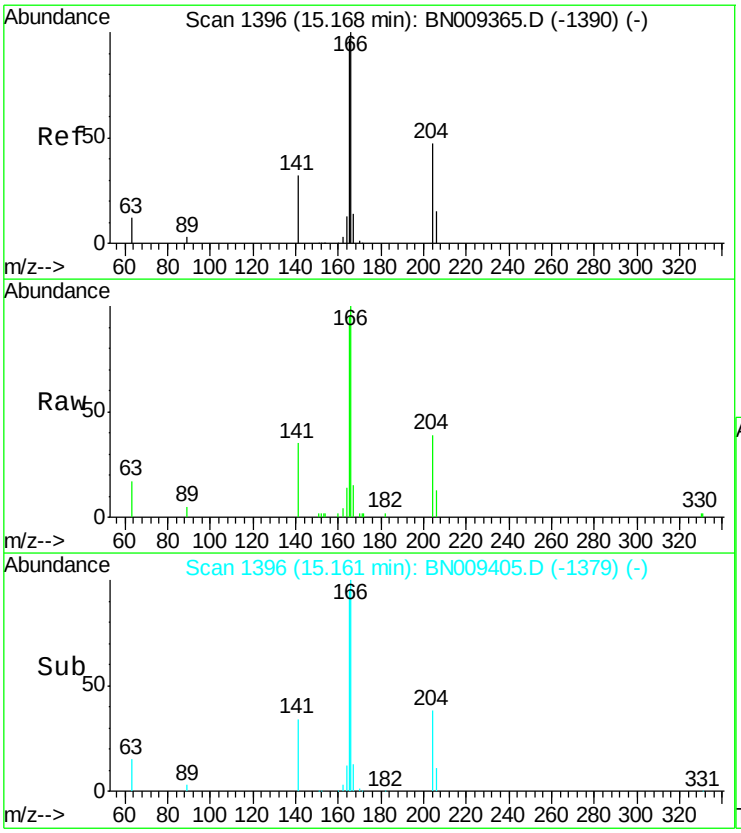
#17
Acenaphthene
Concen: 0.377 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3339

Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.5	135.7
152	57.2	45.3	67.9

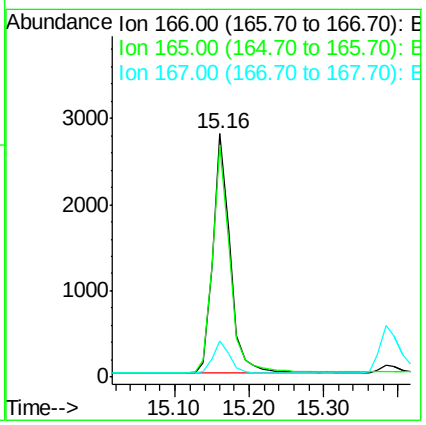


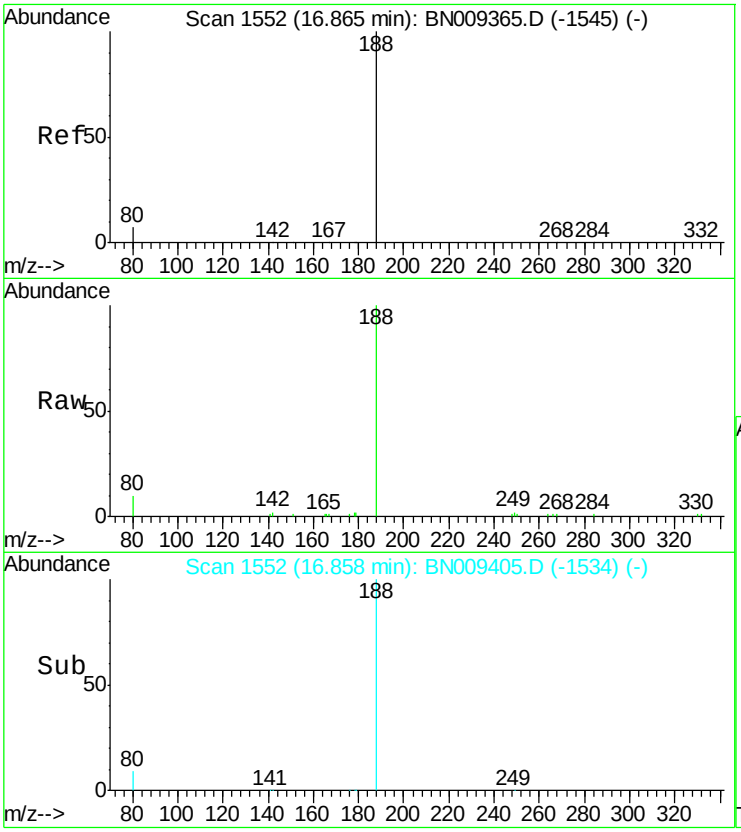


#18
Fluorene
Concen: 0.388 ng
RT: 15.16 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:166 Resp: 4475

Ion	Ratio	Lower	Upper
166	100		
165	95.3	78.2	117.2
167	13.2	11.0	16.6



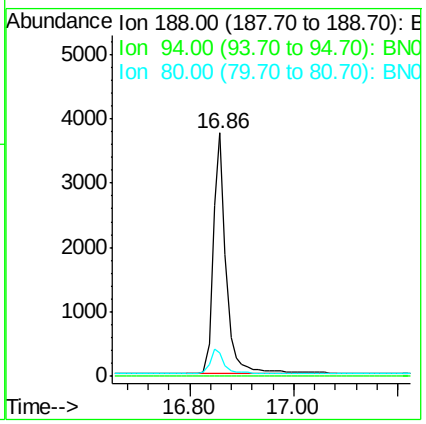


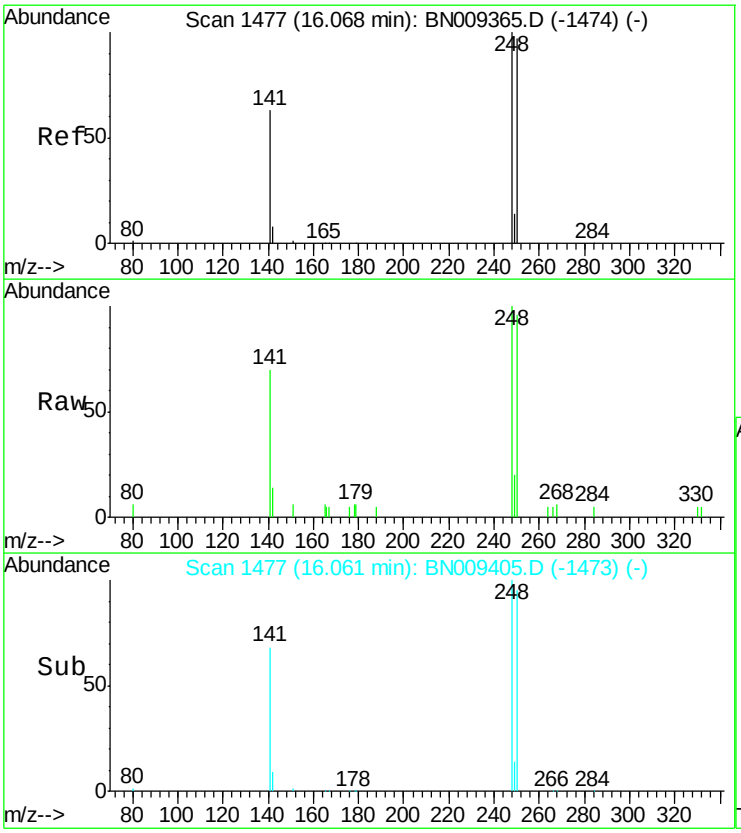
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.86 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 6476

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	6.6	10.0

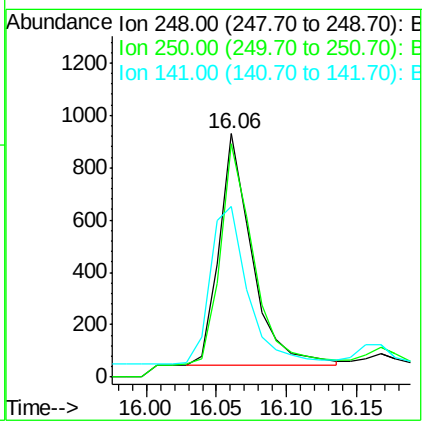


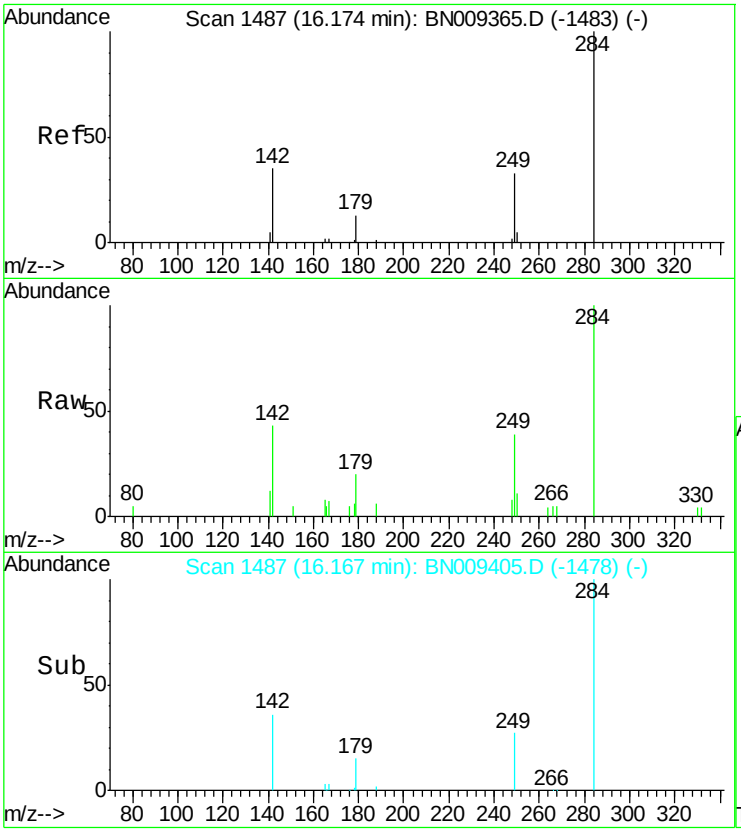


#20
4-Bromophenyl-phenylether
Concen: 0.369 ng
RT: 16.06 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:248 Resp: 1438

Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.8	116.8
141	70.3	53.4	80.0



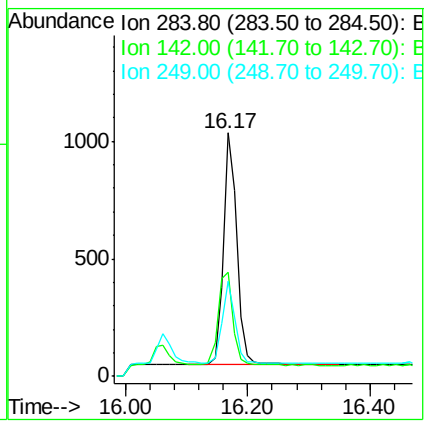


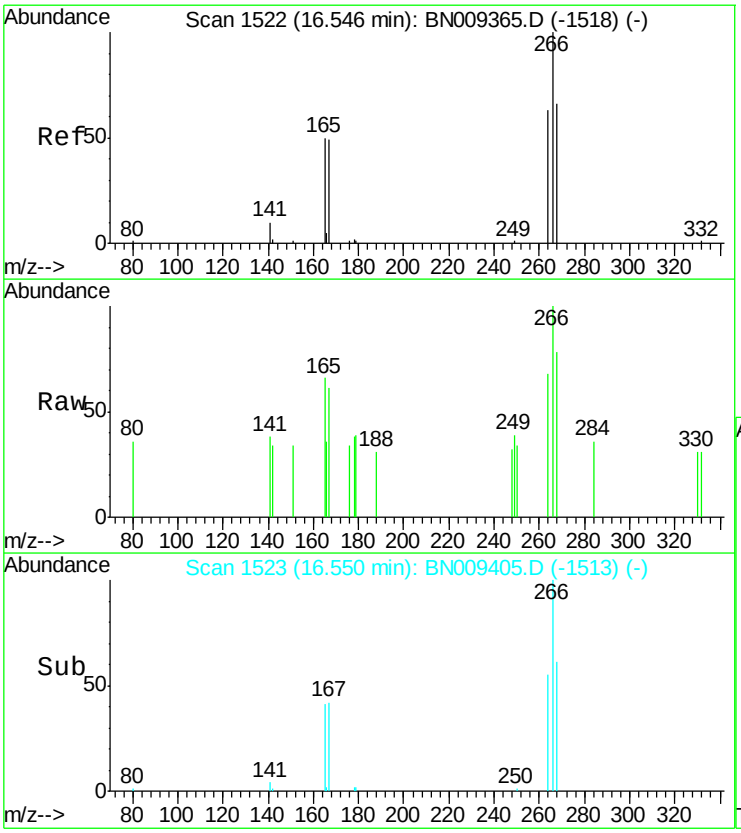
#21
Hexachlorobenzene
Concen: 0.368 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 1526

Ion	Ratio	Lower	Upper
284	100		
142	43.3	33.8	50.8
249	32.8	27.0	40.4

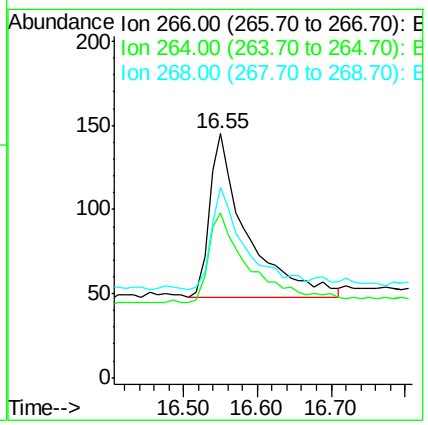


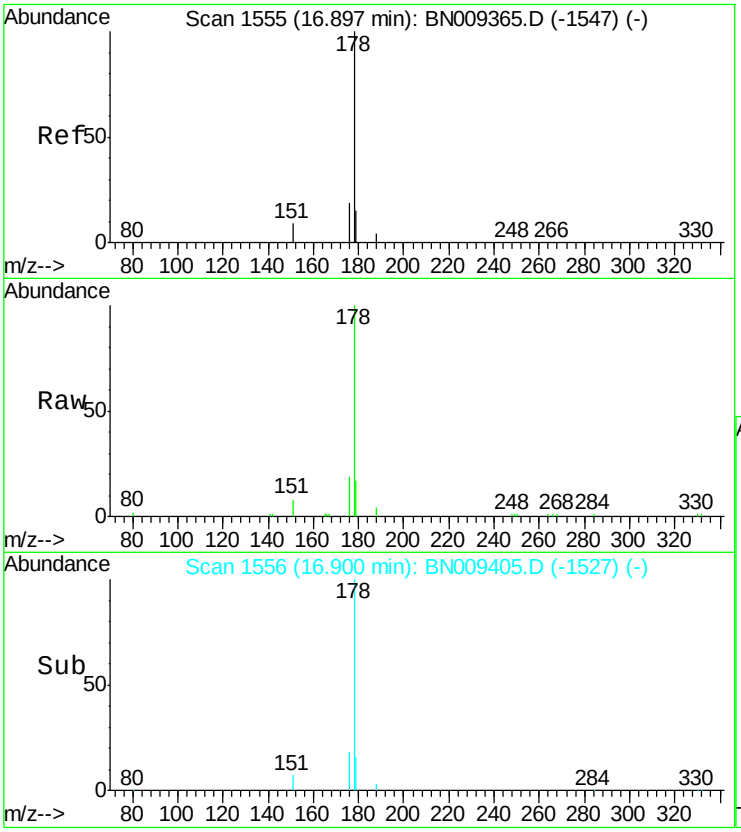


#22
Pentachlorophenol
Concen: 0.378 ng
RT: 16.55 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:266 Resp: 339

Ion	Ratio	Lower	Upper
266	100		
264	67.6	57.8	86.6
268	77.9	63.8	95.6



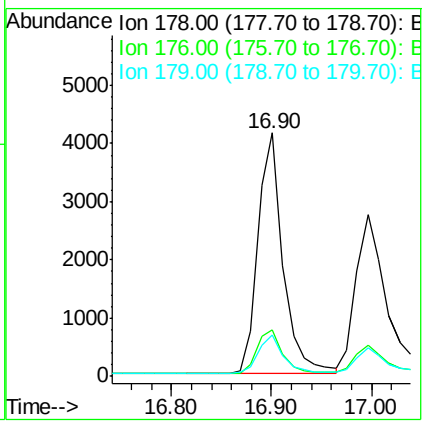


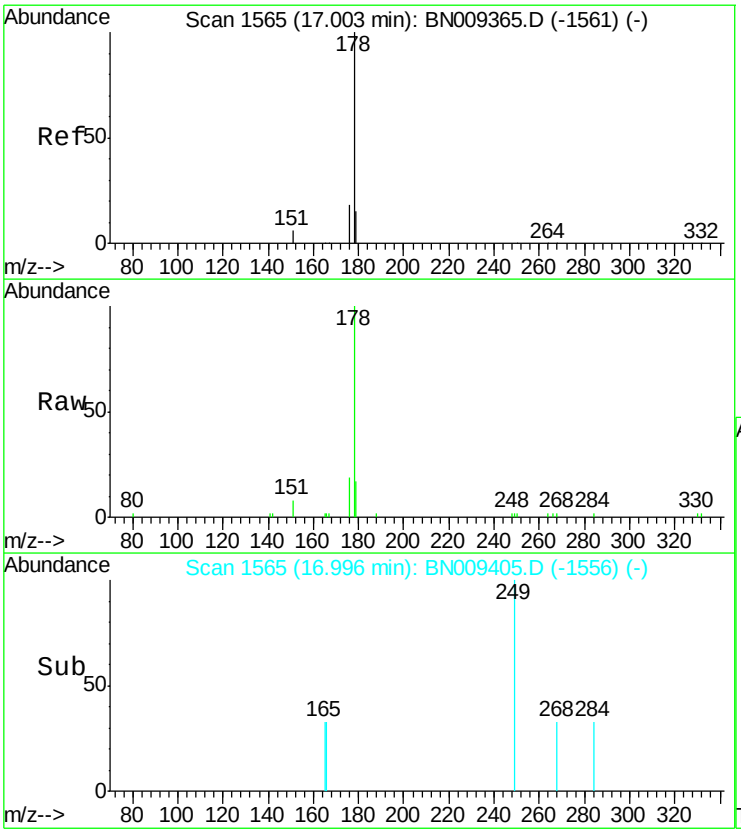
#23
Phenanthrene
Concen: 0.369 ng
RT: 16.90 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 7181

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.2	12.3	18.5

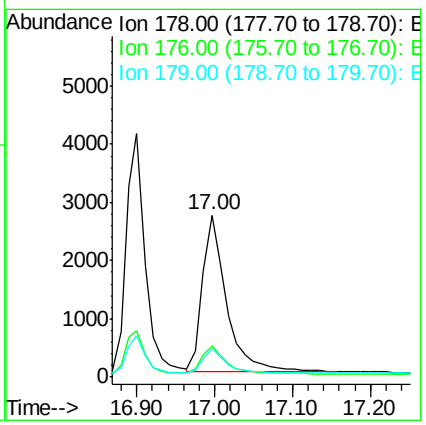


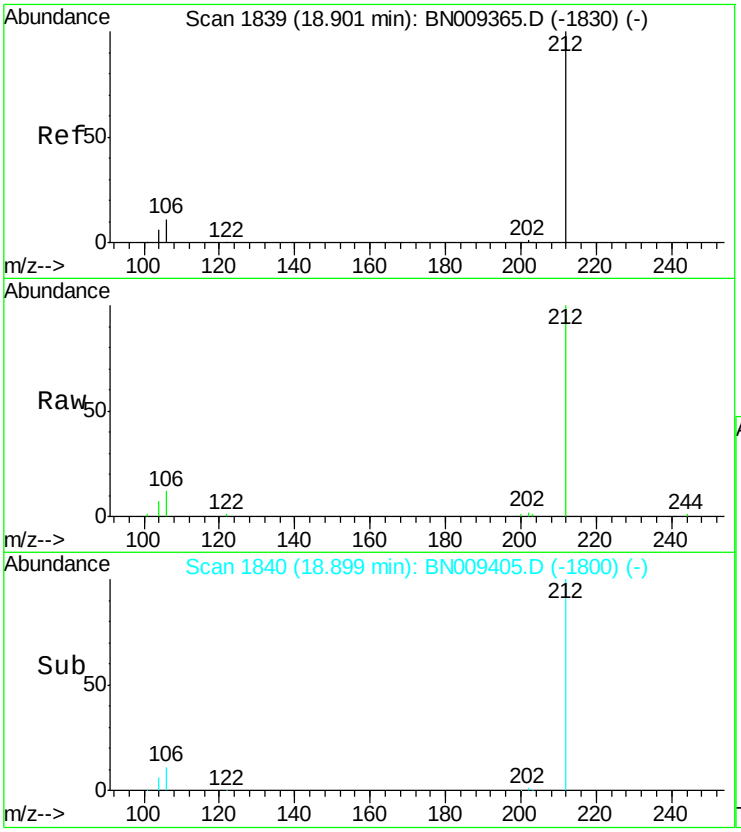


#24
Anthracene
Concen: 0.350 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:178 Resp: 5721

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.6	21.8
179	15.5	12.5	18.7



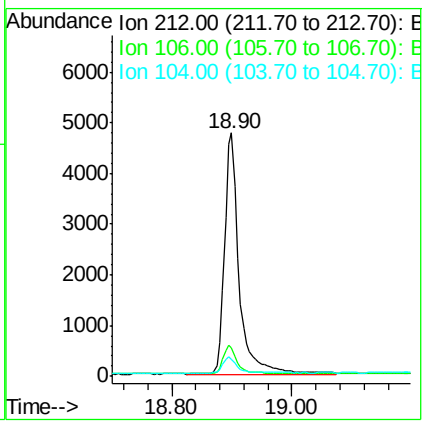


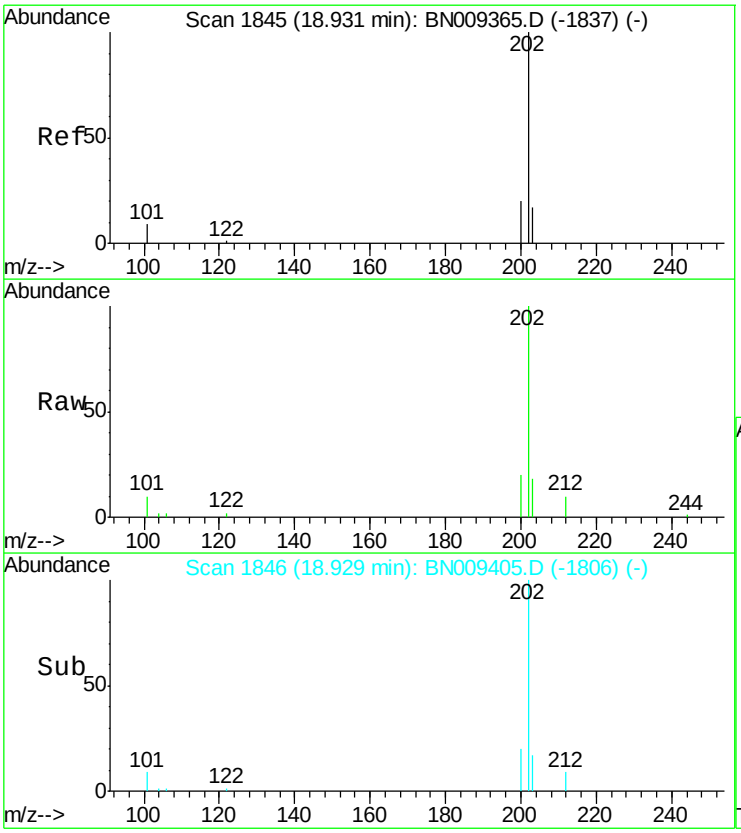
#25
Fluoranthene-d10
Concen: 0.360 ng
RT: 18.90 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 8000

Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.2	13.8
104	6.3	5.4	8.0

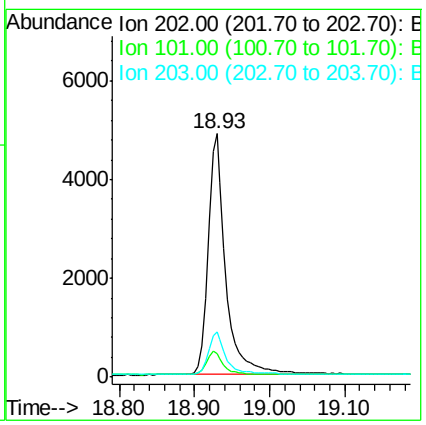


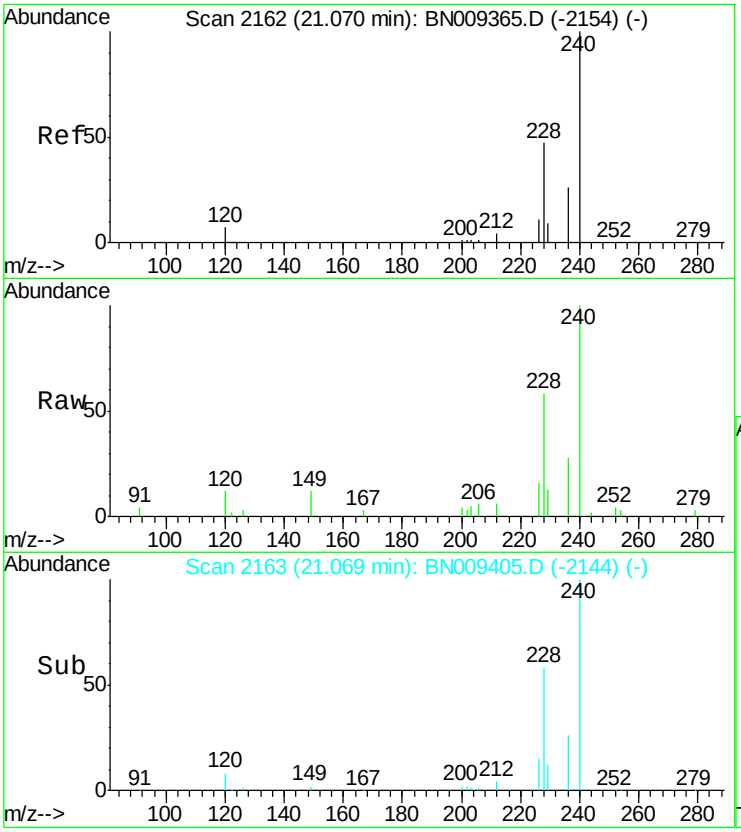


#26
Fluoranthene
Concen: 0.357 ng
RT: 18.93 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:202 Resp: 8138

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.0	12.0
203	17.0	13.5	20.3



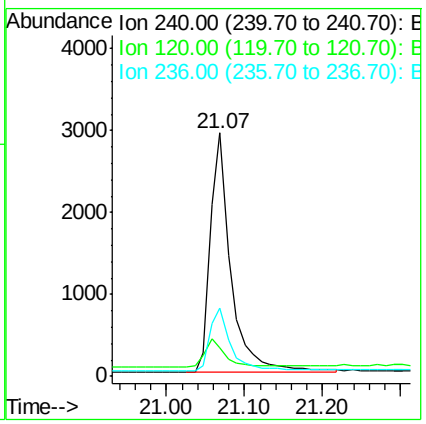


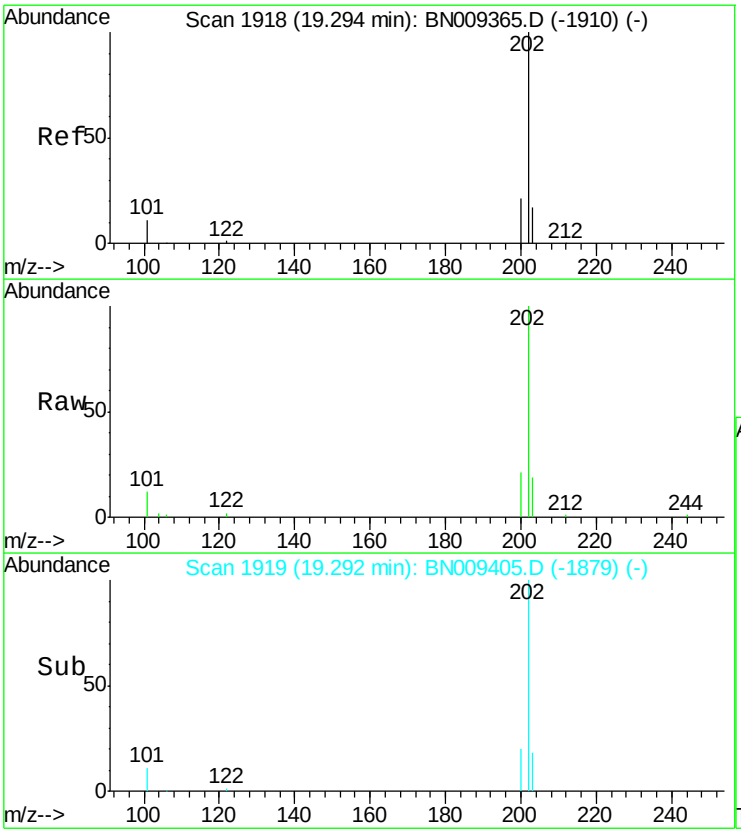
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 5373

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.1	12.1
236	28.0	22.2	33.4

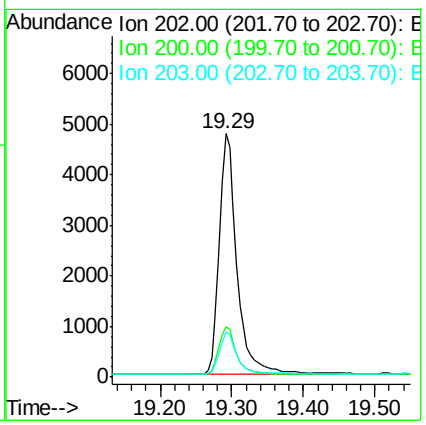


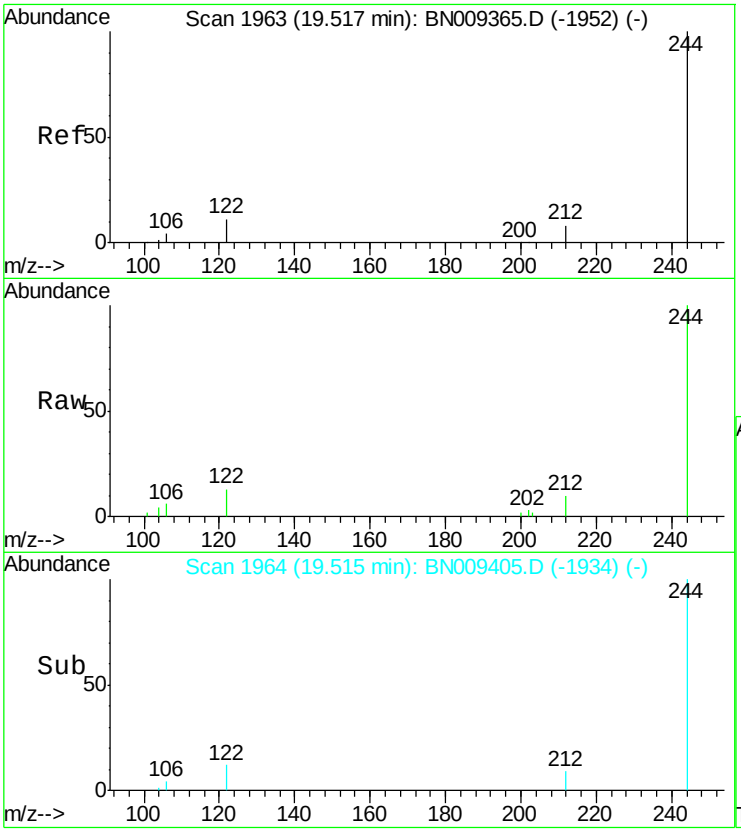


#28
Pyrene
Concen: 0.404 ng
RT: 19.29 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:202 Resp: 8217

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.3	14.1	21.1



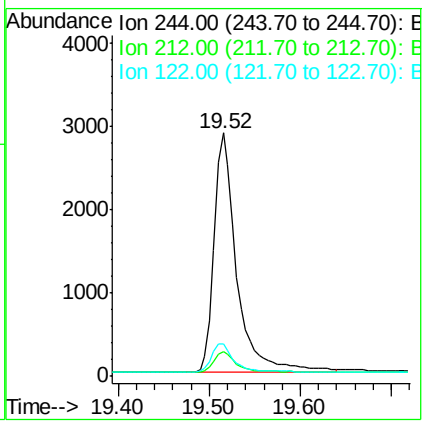


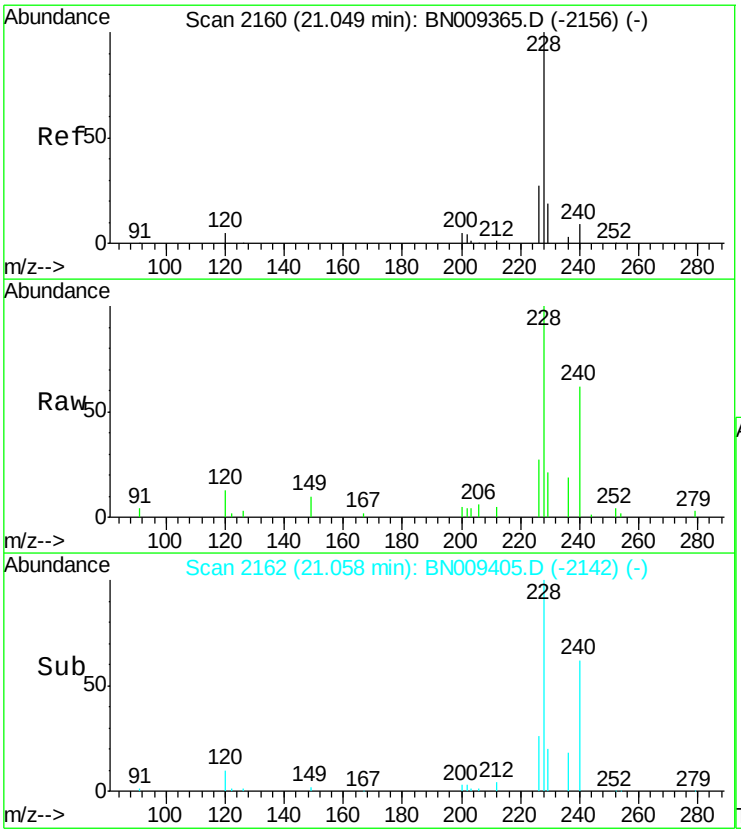
#29
Terphenyl-d14
Concen: 0.389 ng
RT: 19.52 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4946

Ion	Ratio	Lower	Upper
244	100		
212	10.3	7.5	11.3
122	13.2	9.8	14.6

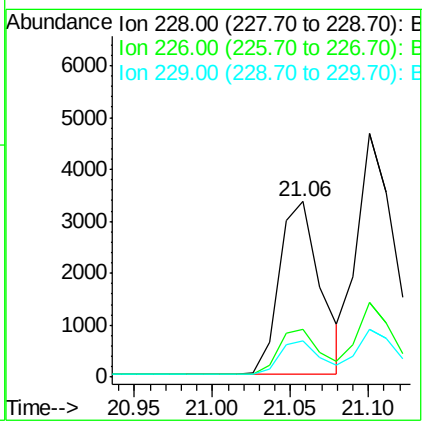


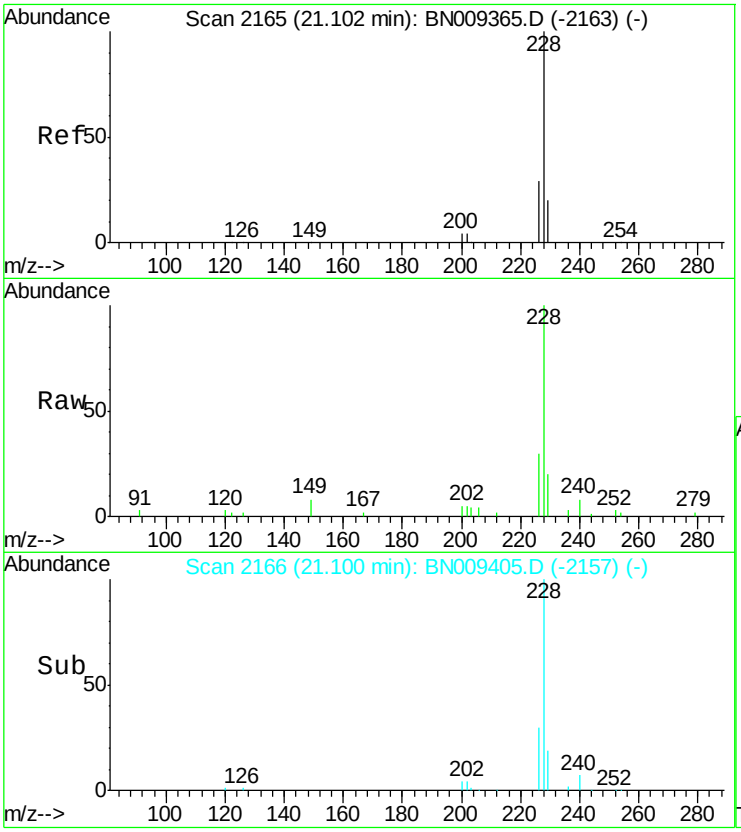


#30
Benzo(a)anthracene
Concen: 0.347 ng
RT: 21.06 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:228 Resp: 6136

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.5	33.7
229	20.7	16.1	24.1



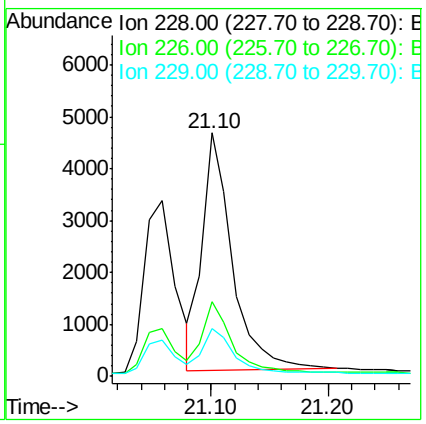


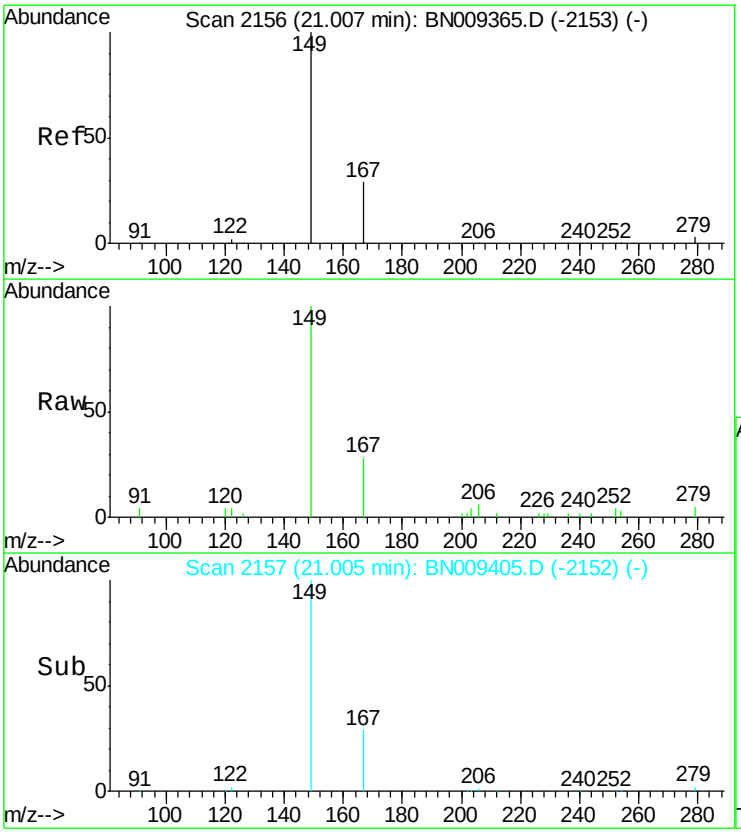
#31
Chrysene
Concen: 0.405 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 8177

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.8
229	19.6	16.6	24.8

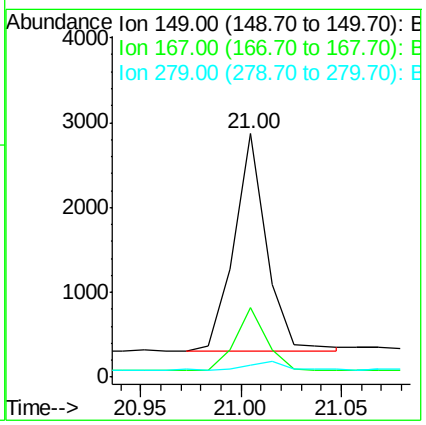


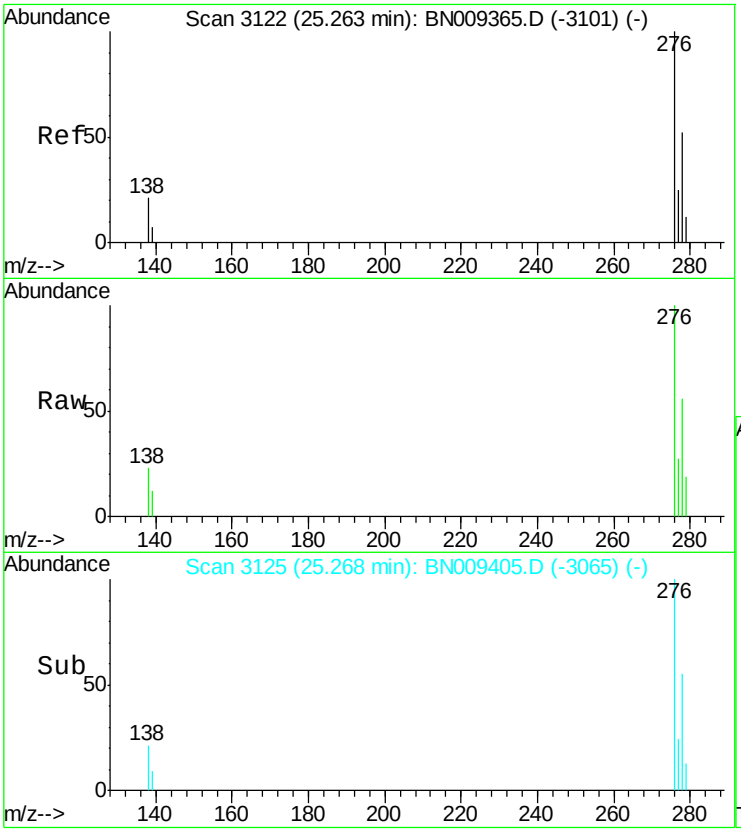


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.371 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:149 Resp: 2896

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.9	34.3
279	4.1	3.4	5.0



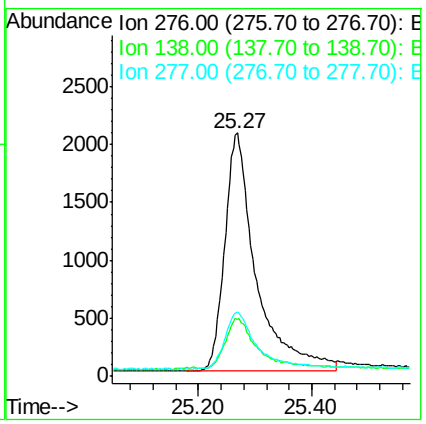


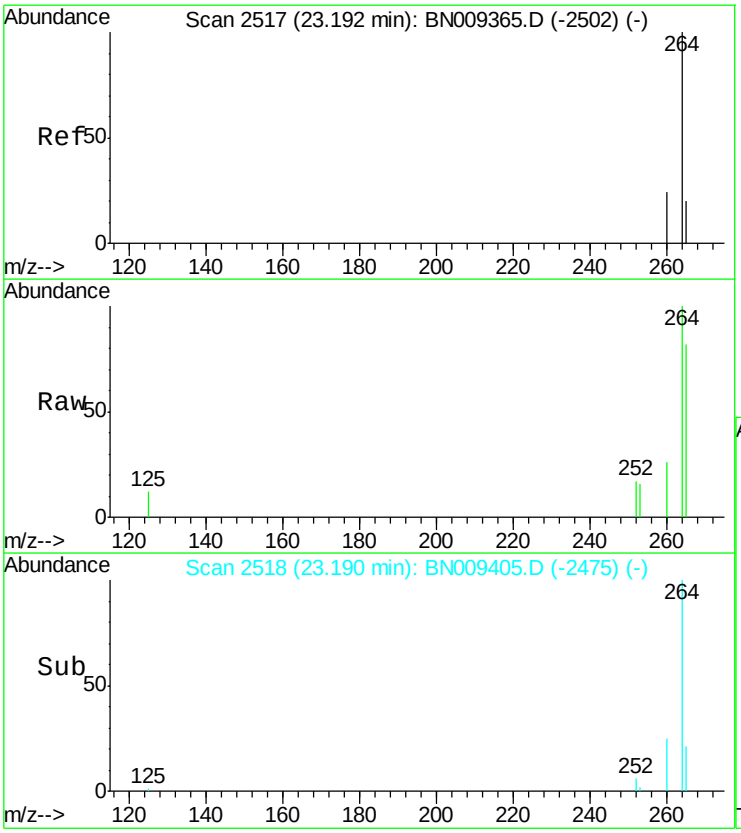
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng
RT: 25.27 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7933

Ion	Ratio	Lower	Upper
276	100		
138	21.0	15.9	23.9
277	23.6	19.8	29.6

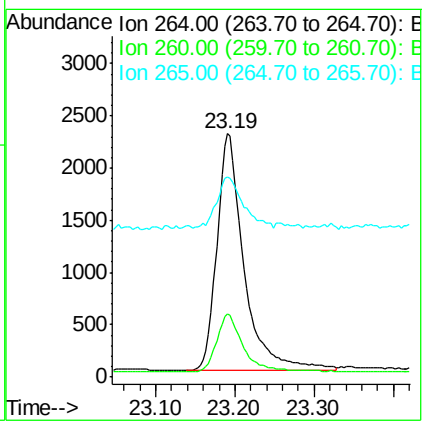


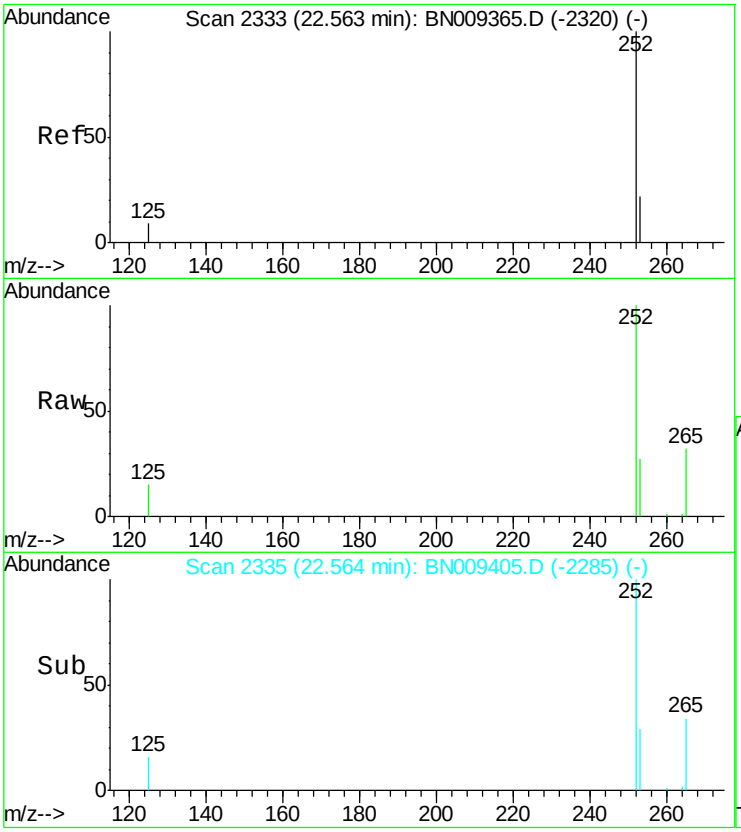


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:264 Resp: 5372

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.1	30.1
265	82.3	68.2	102.4



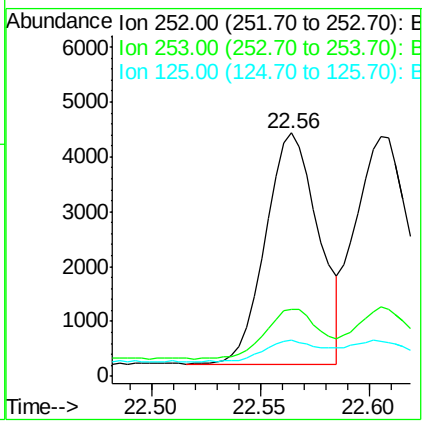


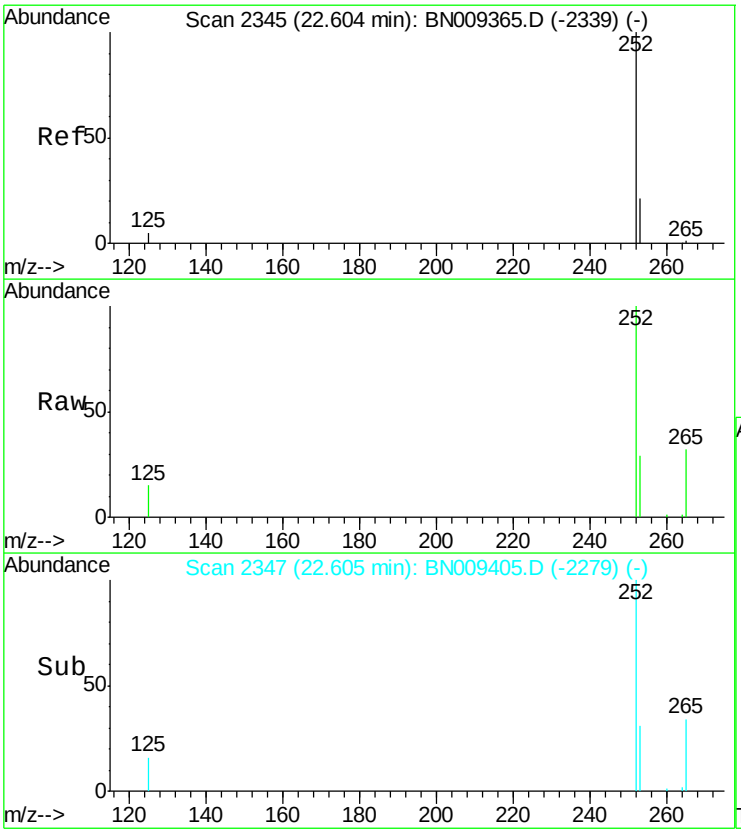
#35
Benzo(b)fluoranthene
Concen: 0.359 ng
RT: 22.56 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7092

Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.4	33.6
125	14.9	11.6	17.4

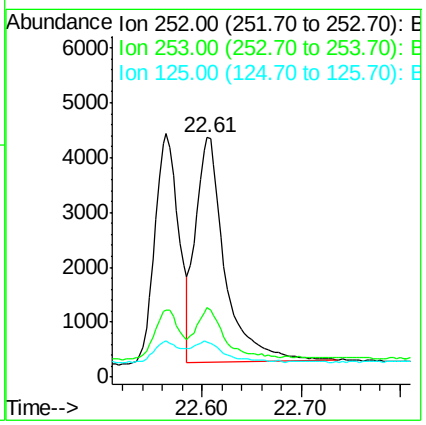


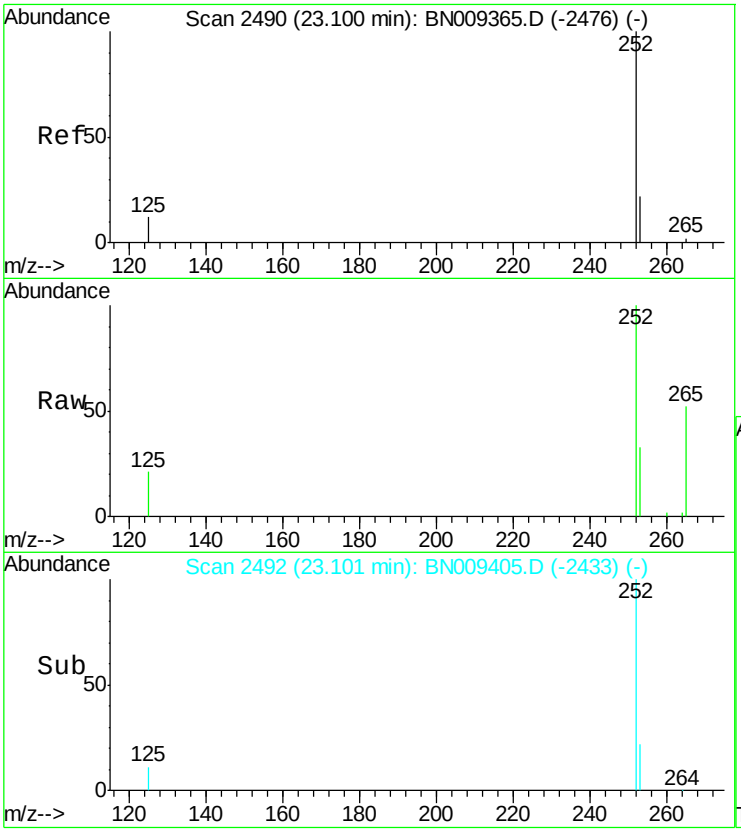


#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 22.61 min Scan# 2347
Delta R.T. 0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:252 Resp: 8497

Ion	Ratio	Lower	Upper
252	100		
253	28.9	21.9	32.9
125	14.7	12.0	18.0



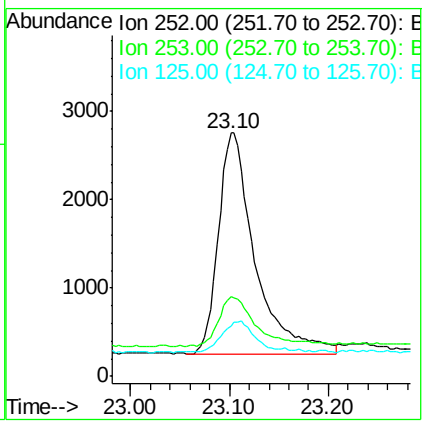


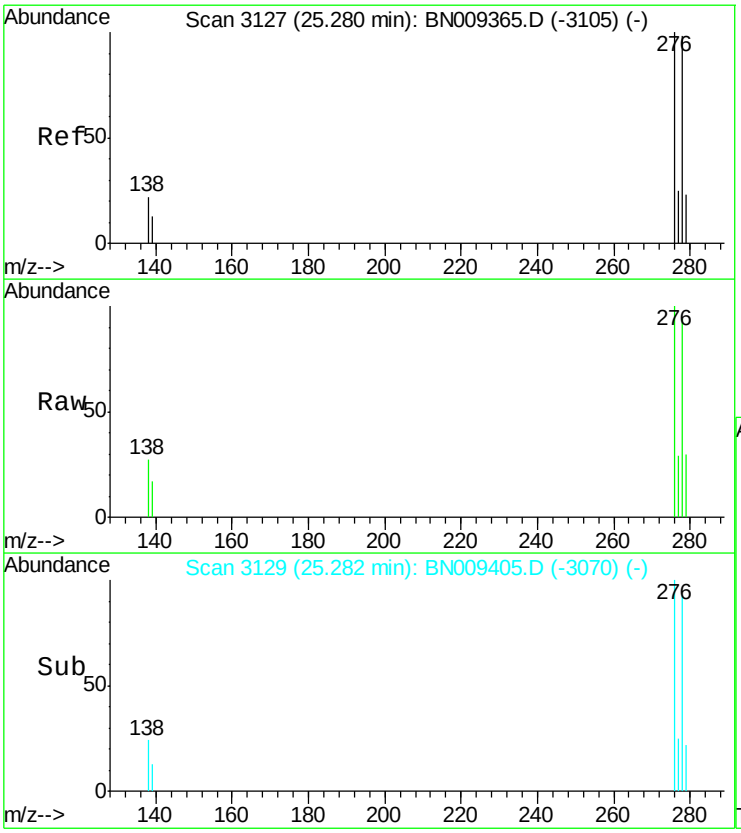
#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6481

Ion	Ratio	Lower	Upper
252	100		
253	32.6	25.4	38.0
125	20.7	16.2	24.2

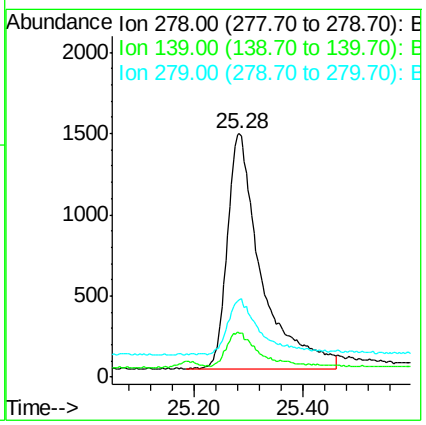


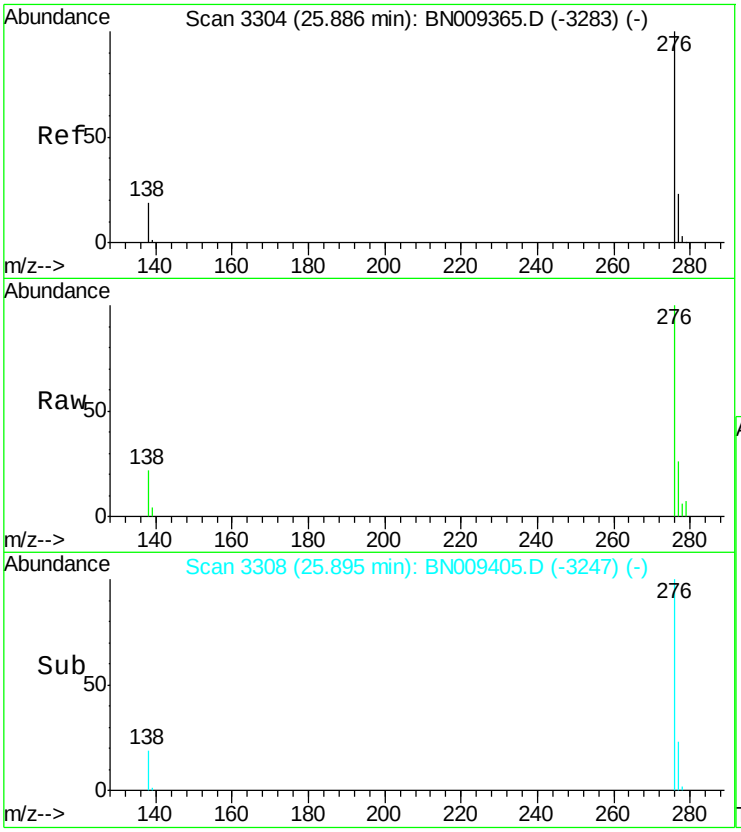


#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 25.28 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:278 Resp: 6227

Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.5	21.7
279	31.9	24.2	36.4





#39
Benzo(g,h,i)perylene
Concen: 0.374 ng
RT: 25.89 min Scan# 3308
Delta R.T. 0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7192

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.6	30.8
138	21.8	17.1	25.7