Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
Data File : BN009428.D
Acq On : 23 Jan 2020 17:52
Operator : CG/JU
Sample : PB126299BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jan 24 12:16:47 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	1328	0.40	ng		0.00
7) Naphthalene-d8	10.22	136	4942	0.40	ng		-0.01
13) Acenaphthene-d10	14.10	164	3319	0.40	ng		0.00
19) Phenanthrene-d10	16.85	188	6902	0.40	ng		-0.02
27) Chrysene-d12	21.06	240	5969	0.40	ng		-0.01
34) Perylene-d12	23.18	264	6060	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1246	0.41	ng		0.00
5) Phenol-d6	6.67	99	1493	0.42	ng		0.00
8) Nitrobenzene-d5	8.62	82	1600	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	11.82	152	3160	0.33	ng		-0.01
14) 2,4,6-Tribromophenol	15.61	330	484	0.39	ng		-0.02
15) 2-Fluorobiphenyl	12.72	172	4960	0.40	ng		0.00
25) Fluoranthene-d10	18.89	212	7326	0.31	ng		-0.01
29) Terphenyl-d14	19.51	244	5968	0.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	548	0.396	ng		95
3) n-Nitrosodimethylamine	3.47	42	826	0.386	ng	#	94
6) bis(2-Chloroethyl)ether	6.92	93	1398	0.384	ng		98
9) Naphthalene	10.27	128	5244	0.392	ng		99
10) Hexachlorobutadiene	10.56	225	1170	0.399	ng	#	96
12) 2-Methylnaphthalene	11.89	142	3728	0.400	ng		99
16) Acenaphthylene	13.81	152	5346	0.373	ng		100
17) Acenaphthene	14.16	154	3723	0.370	ng		100
18) Fluorene	15.16	166	4873	0.371	ng		99
20) 4-Bromophenyl-phenylether	16.06	248	1596	0.384	ng		92
21) Hexachlorobenzene	16.17	284	1726	0.390	ng		99
22) Pentachlorophenol	16.53	266	474	0.450	ng		94
23) Phenanthrene	16.89	178	7902	0.381	ng		99
24) Anthracene	16.99	178	6697	0.385	ng		99
26) Fluoranthene	18.92	202	9102	0.374	ng		100
28) Pyrene	19.28	202	9275	0.410	ng		100
30) Benzo(a)anthracene	21.05	228	7748	0.395	ng		97
31) Chrysene	21.09	228	8823	0.393	ng		98
32) Bis(2-ethylhexyl)phthalate	20.99	149	3721	0.429	ng		99
33) Indeno(1,2,3-cd)pyrene	25.25	276	9111	0.390	ng		99
35) Benzo(b)fluoranthene	22.55	252	8176	0.367	ng		99
36) Benzo(k)fluoranthene	22.59	252	9075	0.369	ng		99
37) Benzo(a)pyrene	23.09	252	7465	0.380	ng		97
38) Dibenzo(a,h)anthracene	25.26	278	7332	0.371	ng		97
39) Benzo(g,h,i)perylene	25.87	276	7955	0.366	ng		99

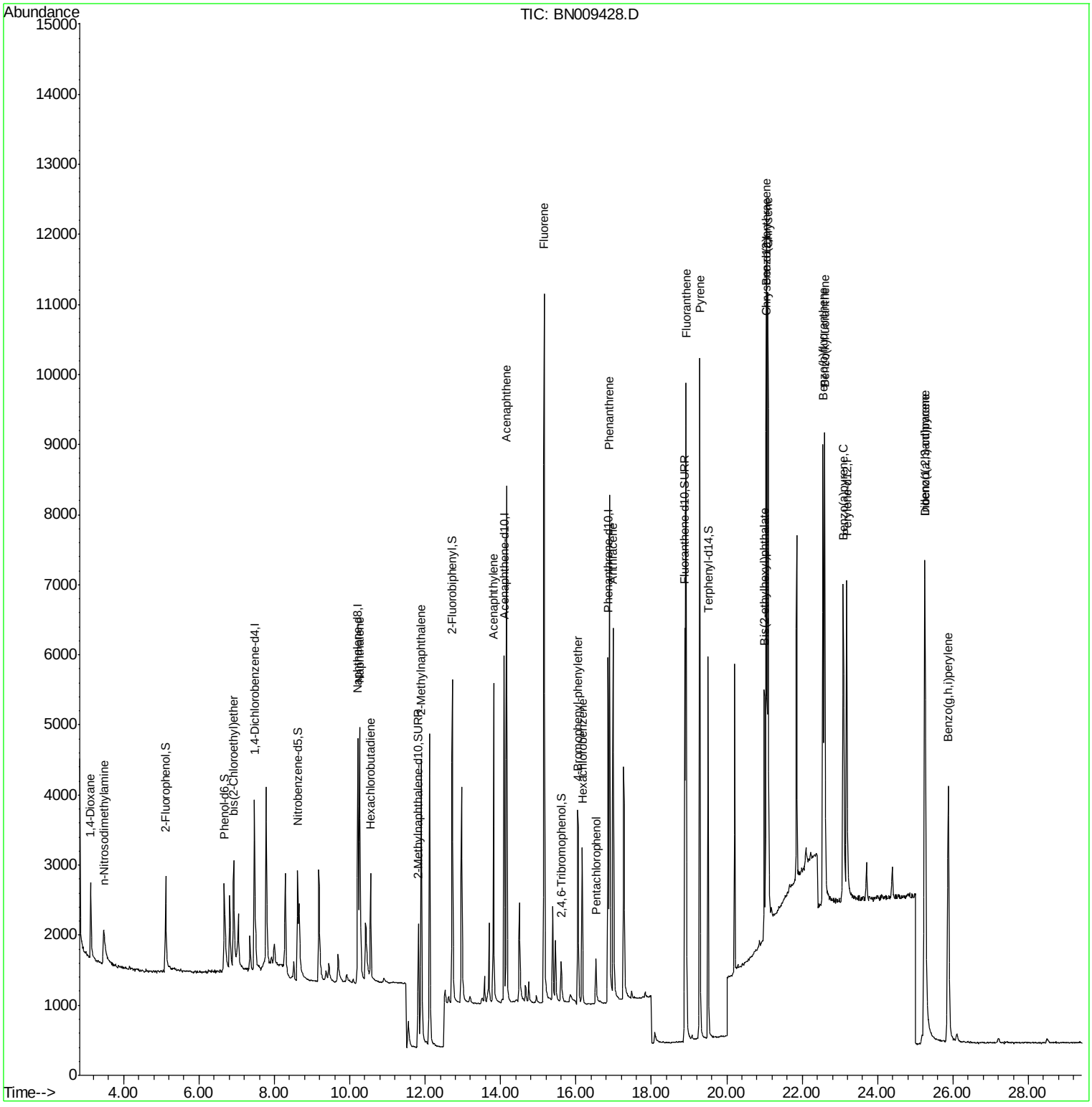
(#) = qualifier out of range (m) = manual integration (+) = signals summed

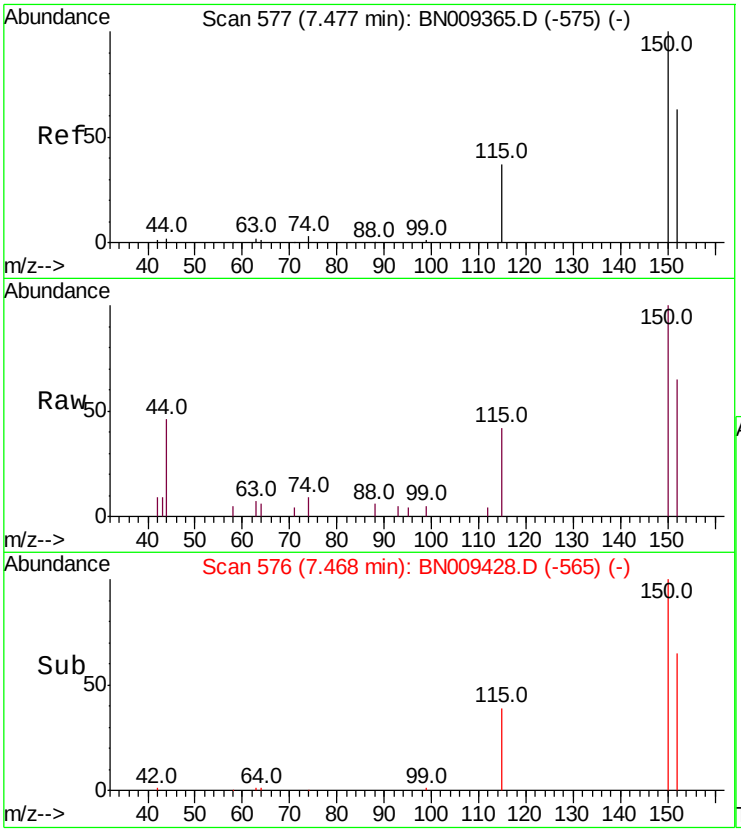
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
Data File : BN009428.D
Acq On : 23 Jan 2020 17:52
Operator : CG/JU
Sample : PB126299BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jan 24 12:16:47 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



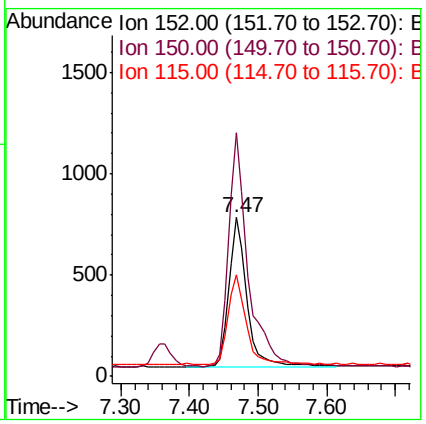


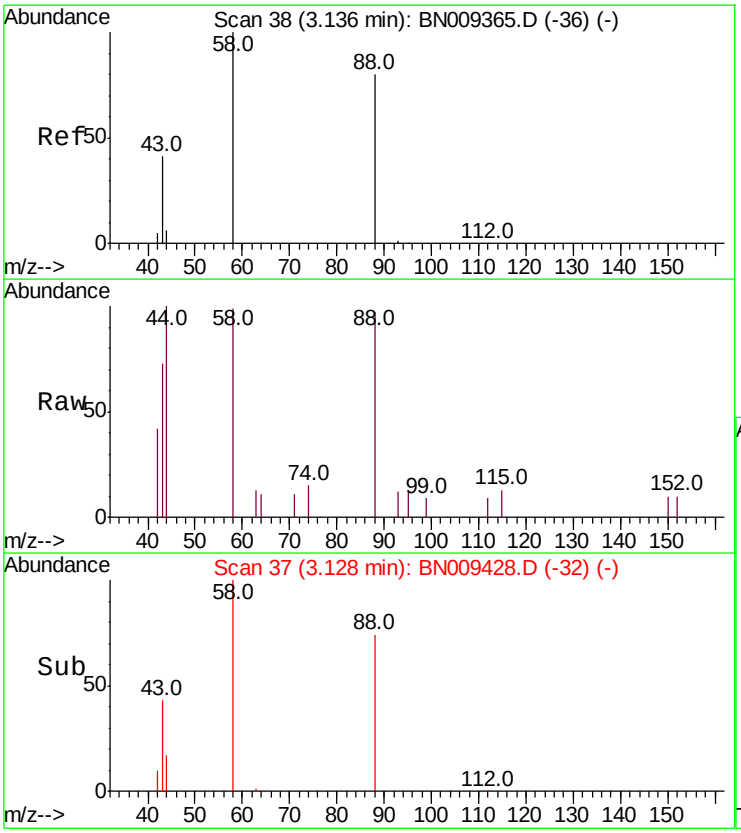
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1328

Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.7	188.5
115	64.2	53.3	79.9

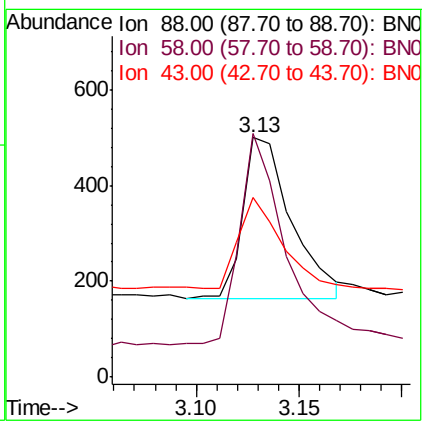


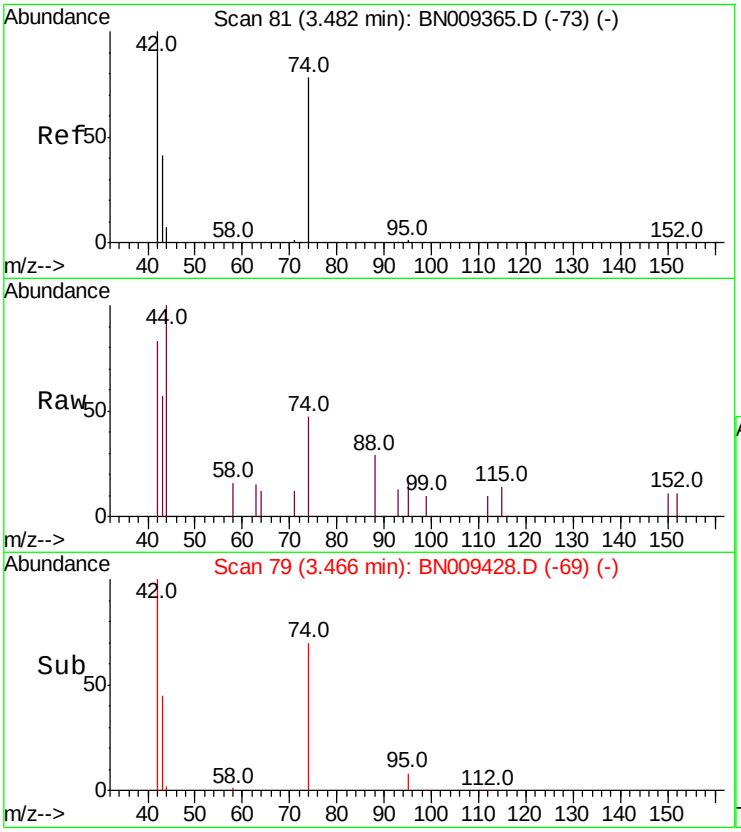


#2
1,4-Dioxane
Concen: 0.396 ng
RT: 3.13 min Scan# 37
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion: 88 Resp: 548

Ion	Ratio	Lower	Upper
88	100		
58	120.4	100.2	150.2
43	49.8	43.1	64.7



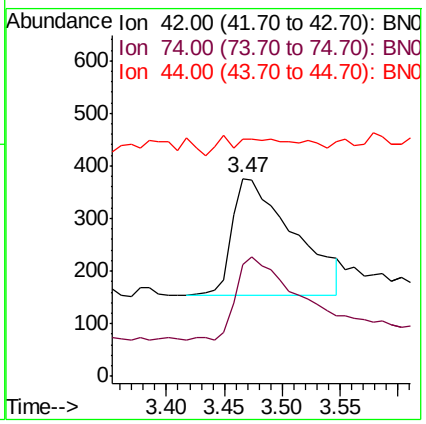


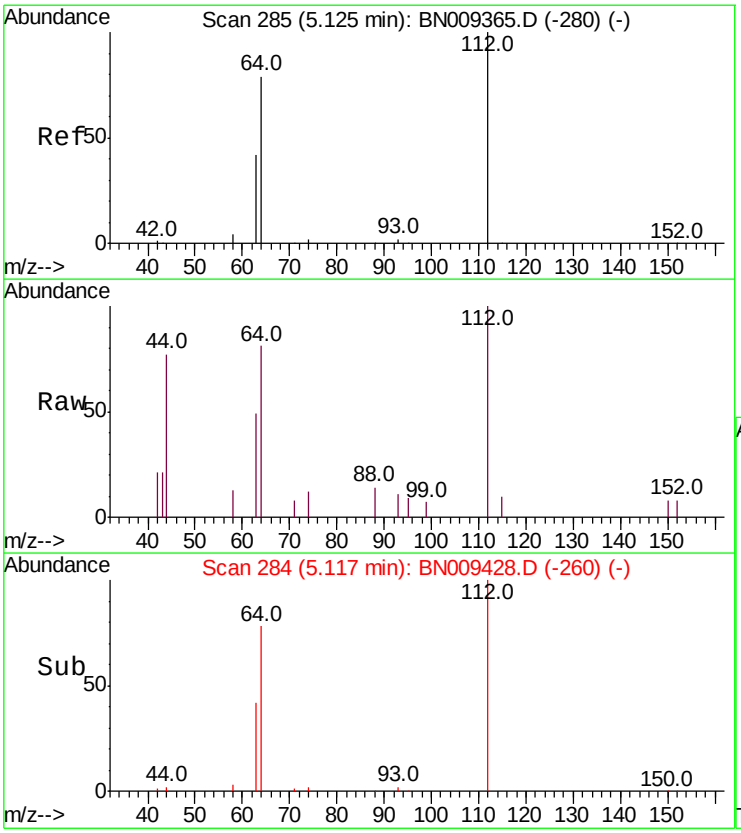
#3
n-Nitrosodimethylamine
Concen: 0.386 ng
RT: 3.47 min Scan# 79
Delta R.T. -0.02 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 826

Ion	Ratio	Lower	Upper
42	100		
74	69.7	55.8	83.8
44	0.0	11.1	16.7#

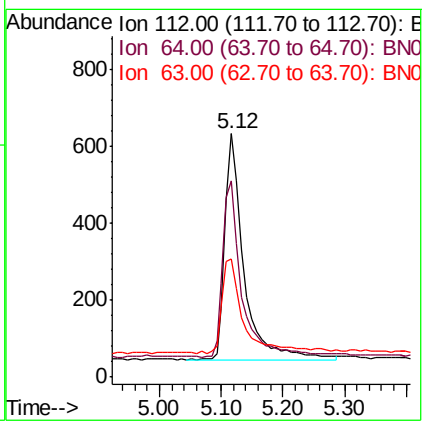


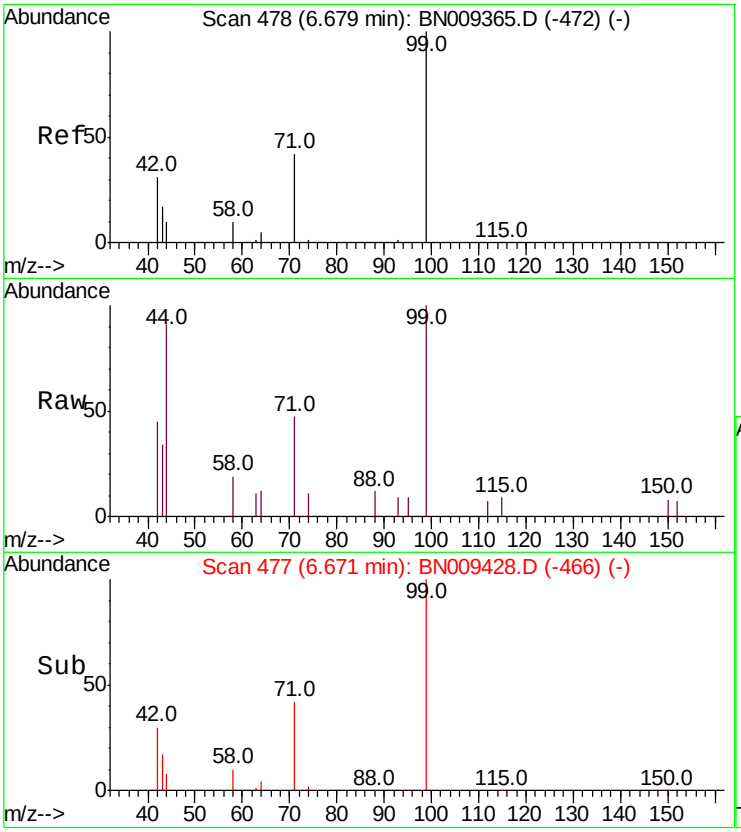


#4
2-Fluorophenol
Concen: 0.408 ng
RT: 5.12 min Scan# 284
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion:112 Resp: 1246

Ion	Ratio	Lower	Upper
112	100		
64	79.5	61.5	92.3
63	46.5	35.0	52.4



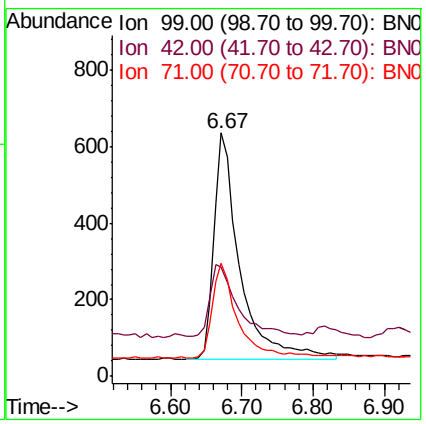


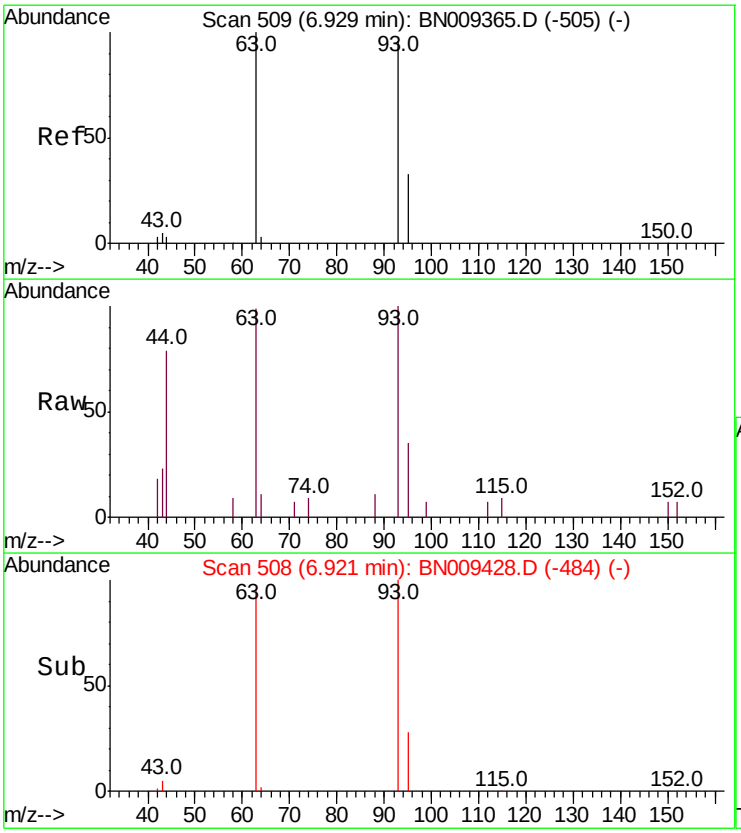
#5
Phenol-d6
Concen: 0.422 ng
RT: 6.67 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1493

Ion	Ratio	Lower	Upper
99	100		
42	33.8	27.6	41.4
71	41.4	33.0	49.6

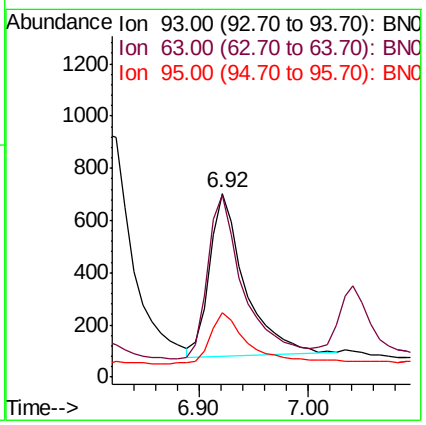


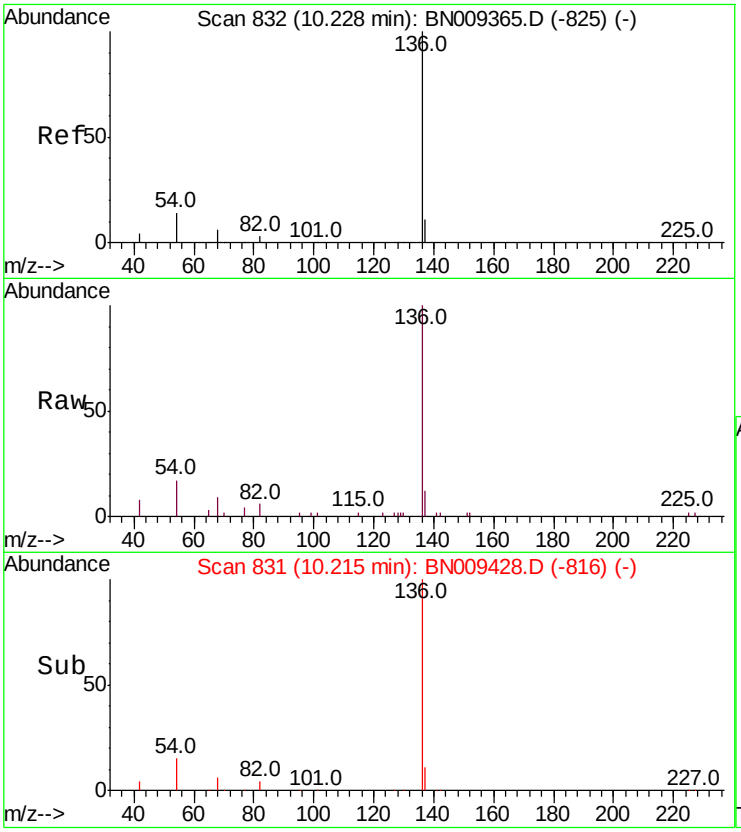


#6
bis(2-Chloroethyl)ether
Concen: 0.384 ng
RT: 6.92 min Scan# 508
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion: 93 Resp: 1398

Ion	Ratio	Lower	Upper
93	100		
63	104.6	85.1	127.7
95	36.3	30.2	45.4



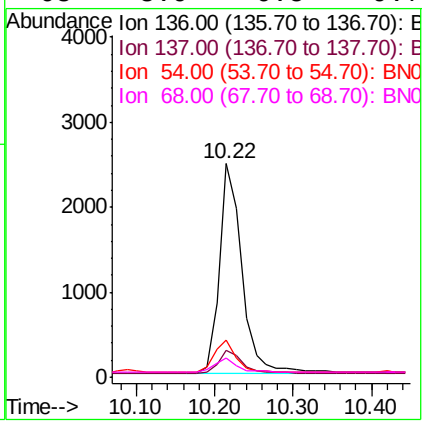


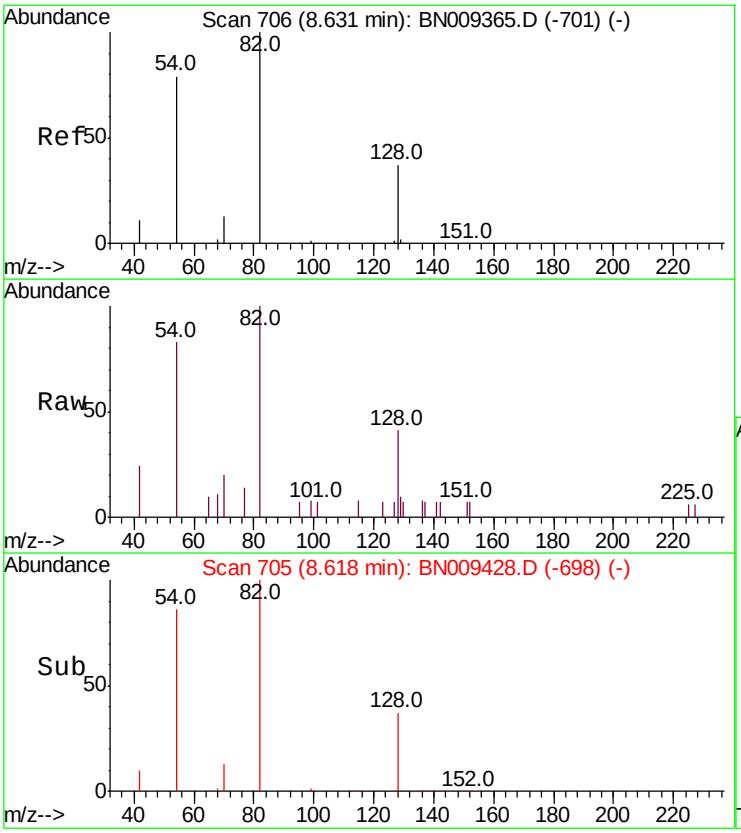
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4942

Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.3	15.5
54	17.2	12.6	19.0
68	8.9	6.5	9.7

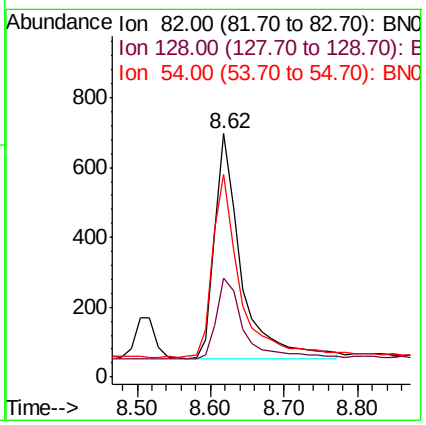


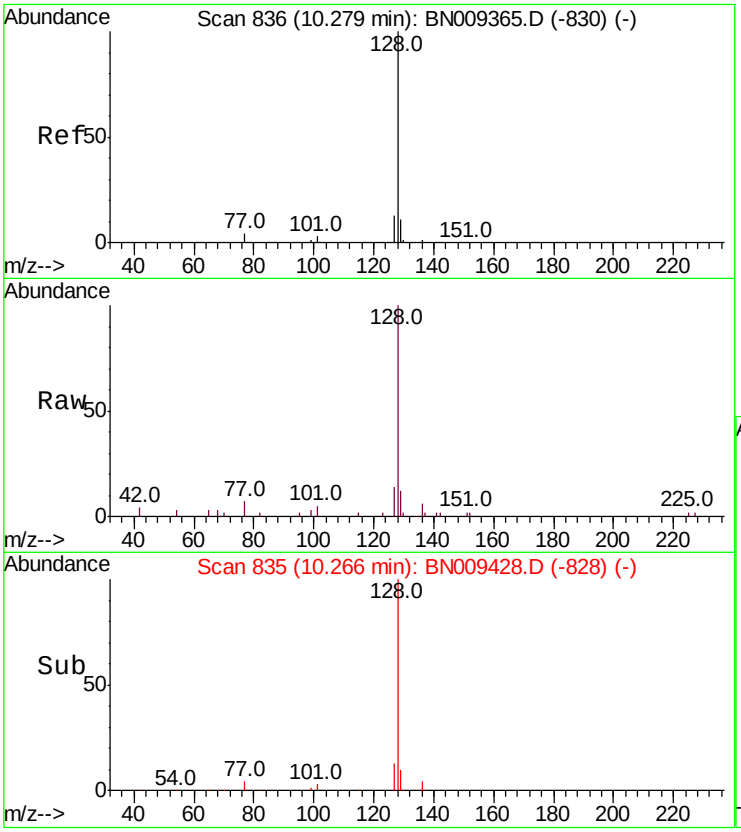


#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 8.62 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion: 82 Resp: 1600

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.8	52.2
54	83.4	65.8	98.6



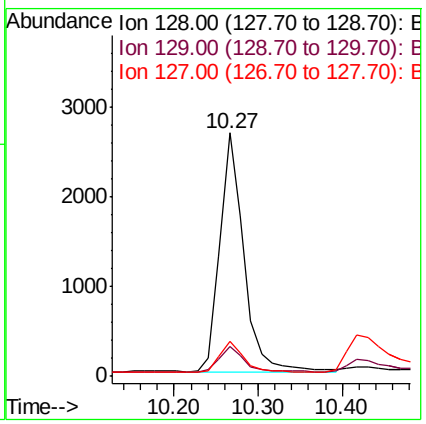


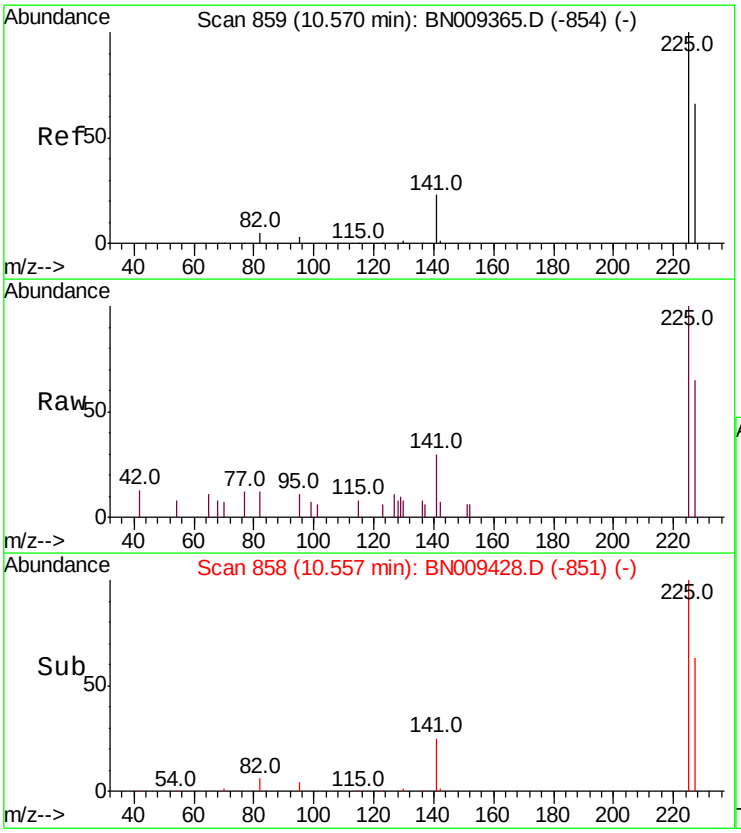
#9
Naphthalene
Concen: 0.392 ng
RT: 10.27 min Scan# 835
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 5244

Ion	Ratio	Lower	Upper
128	100		
129	12.1	10.4	15.6
127	14.5	11.4	17.2

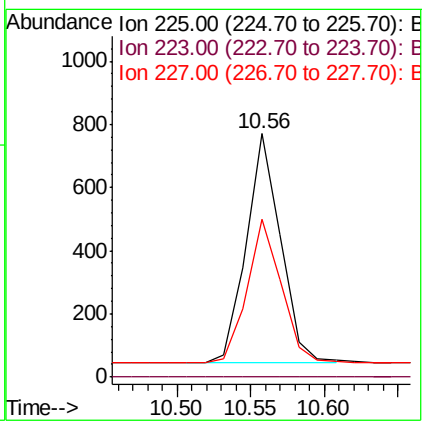


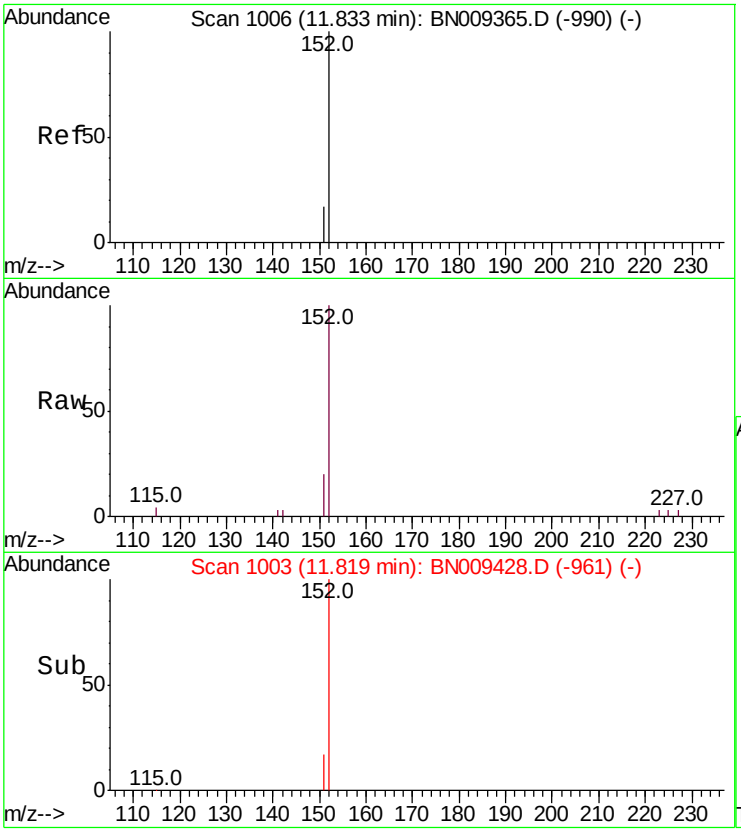


#10
Hexachlorobutadiene
Concen: 0.399 ng
RT: 10.56 min Scan# 858
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion:225 Resp: 1170

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.8	52.6	78.8



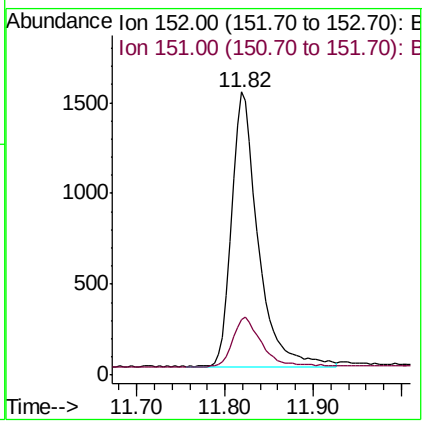


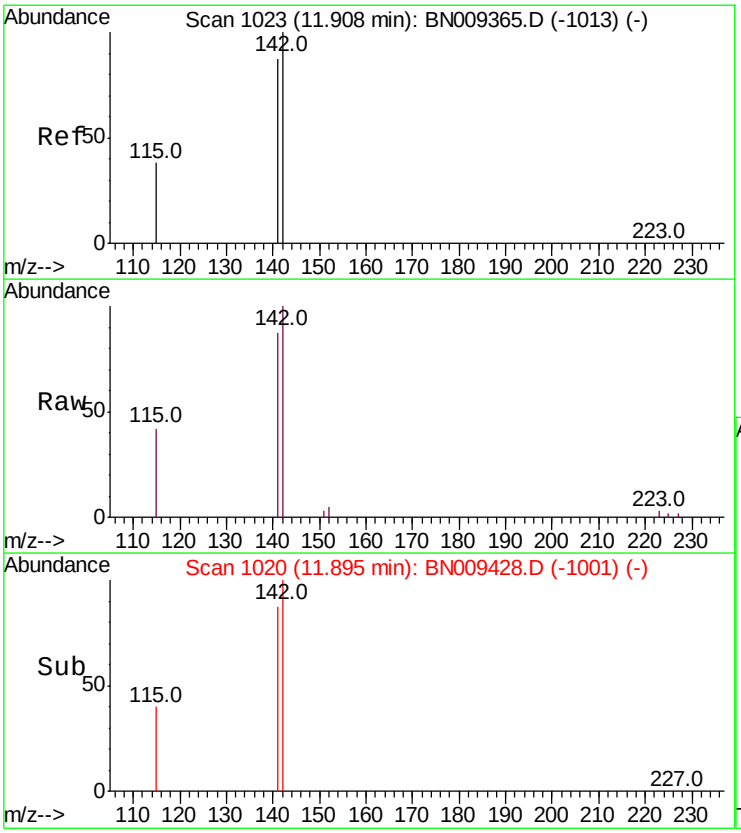
#11
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 11.82 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3160

Ion	Ratio	Lower	Upper
152	100		
151	19.9	14.8	22.2

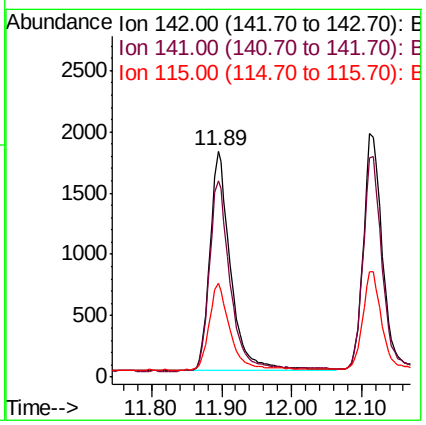


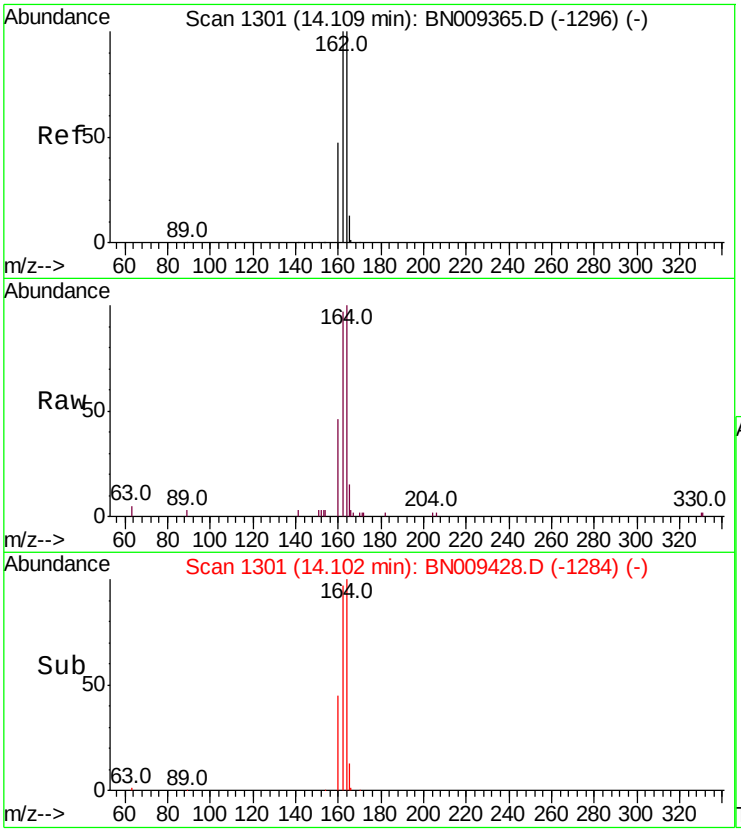


#12
2-Methylnaphthalene
Concen: 0.400 ng
RT: 11.89 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion:142 Resp: 3728

Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.8	104.6
115	41.7	32.5	48.7



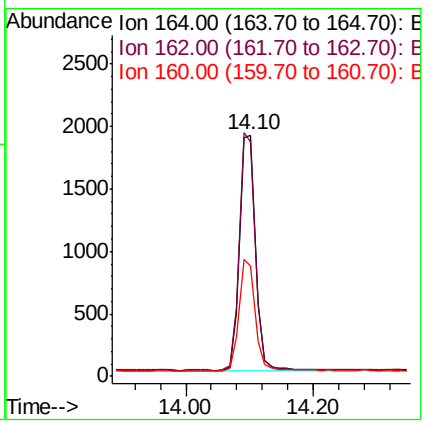


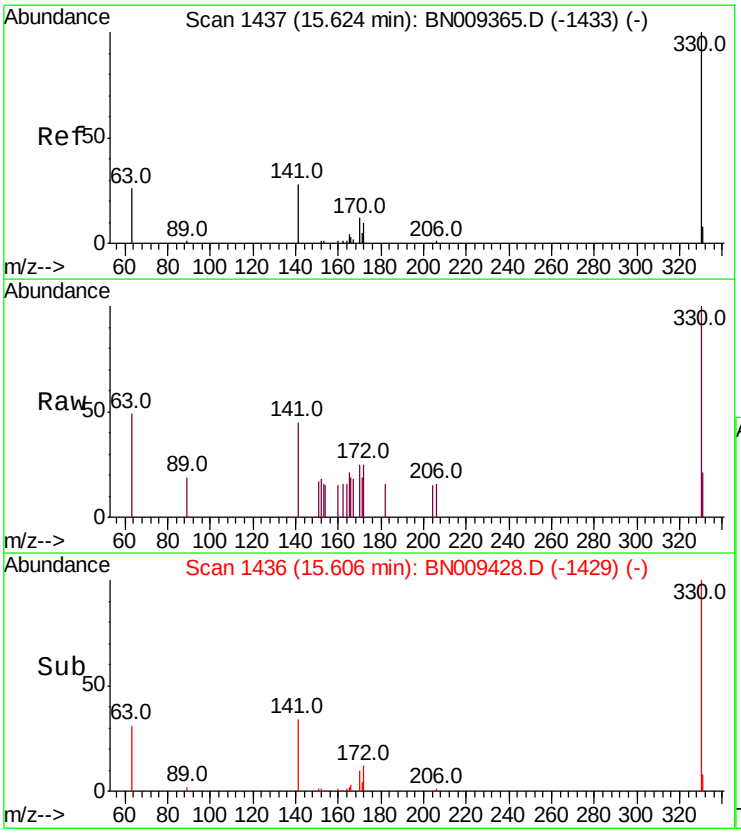
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3319

Ion	Ratio	Lower	Upper
164	100		
162	97.4	79.8	119.6
160	46.0	38.4	57.6

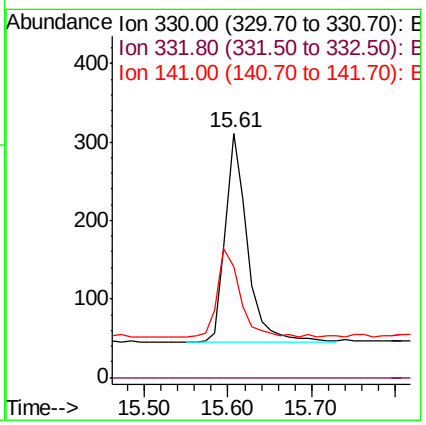


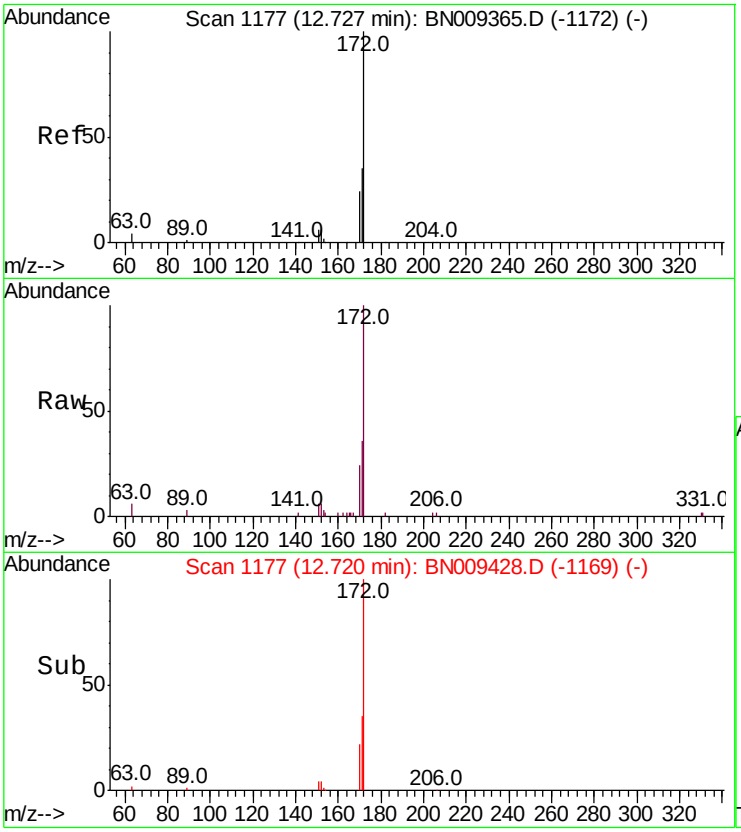


#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.61 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion:330 Resp: 484

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.4	33.1	49.7



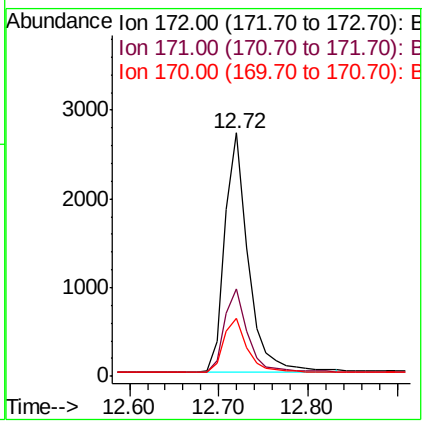


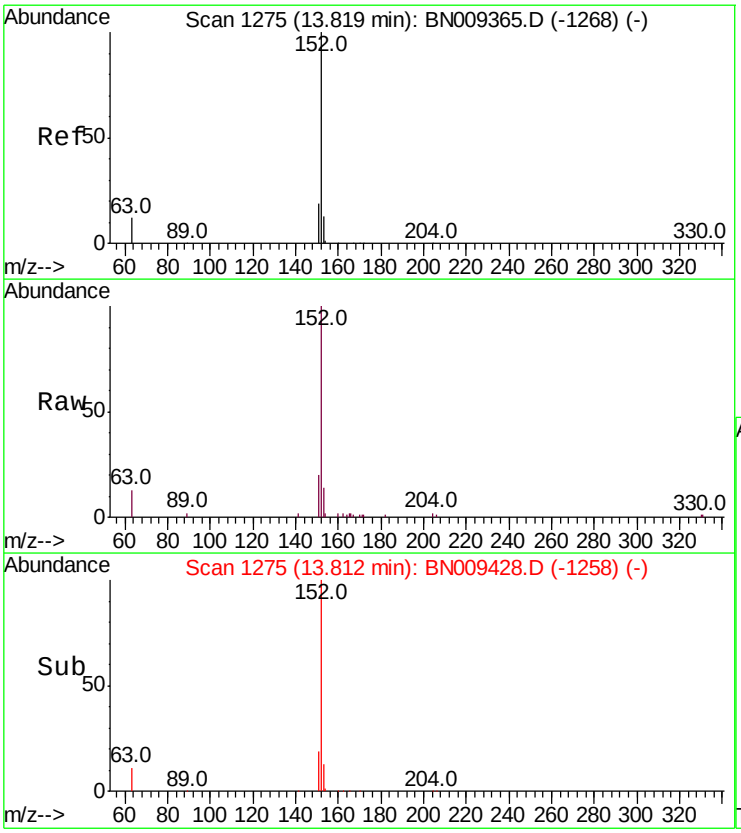
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4960

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.5	44.3
170	23.6	20.7	31.1

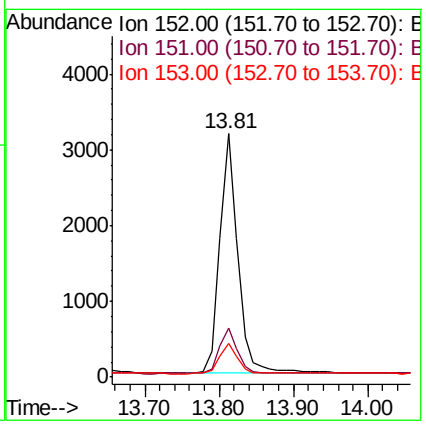


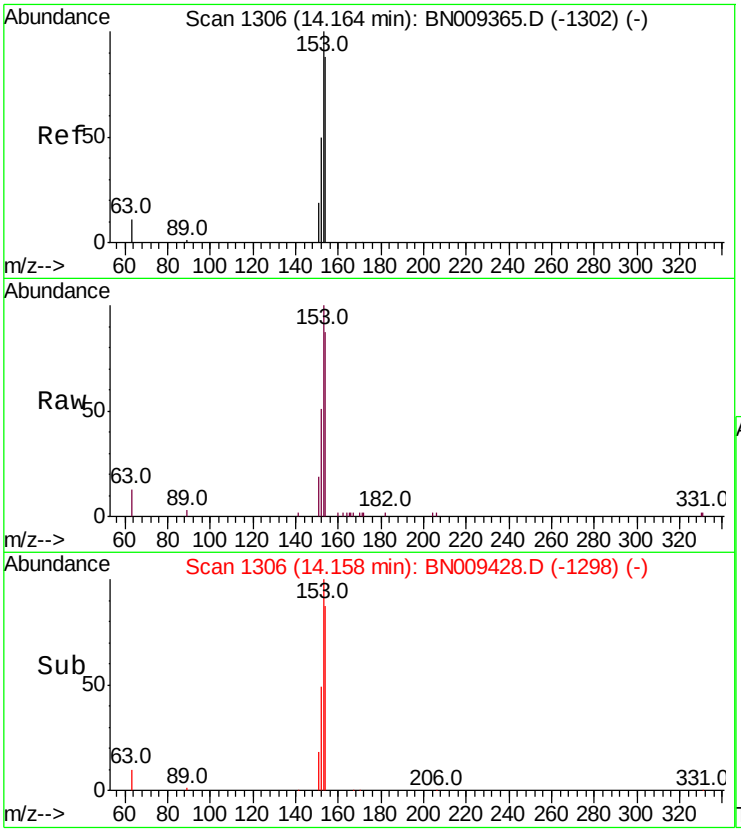


#16
Acenaphthylene
Concen: 0.373 ng
RT: 13.81 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion:152 Resp: 5346

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	13.0	10.4	15.6



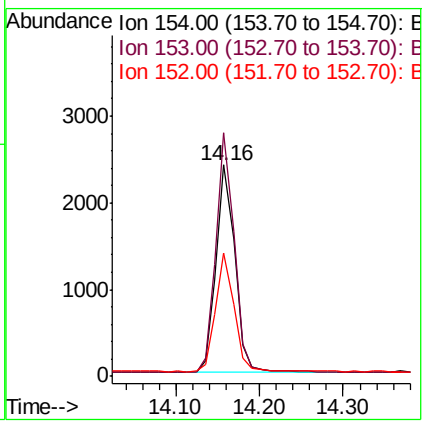


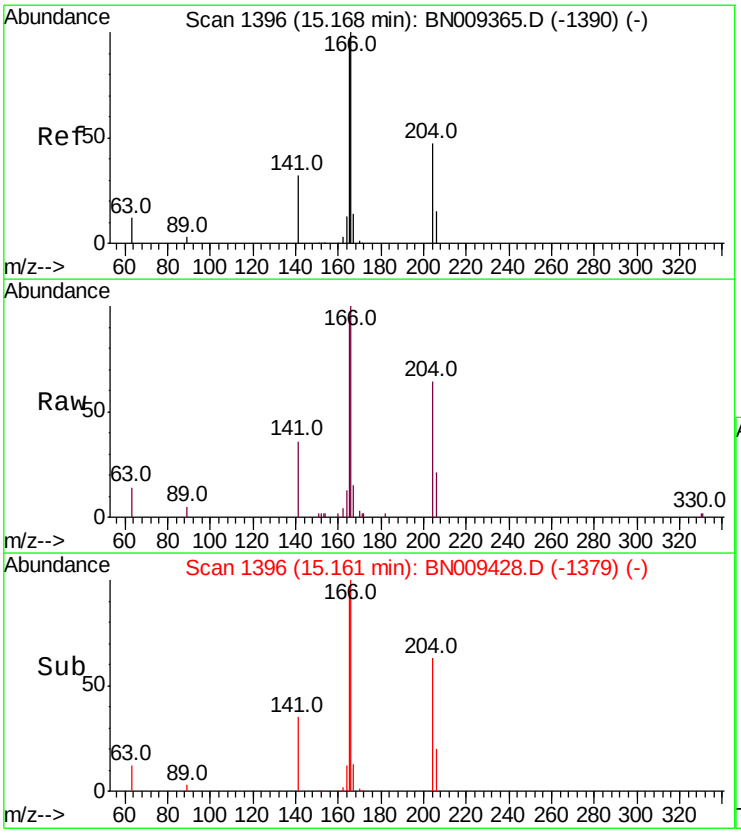
#17
Acenaphthene
Concen: 0.370 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3723

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.5	135.7
152	56.8	45.3	67.9

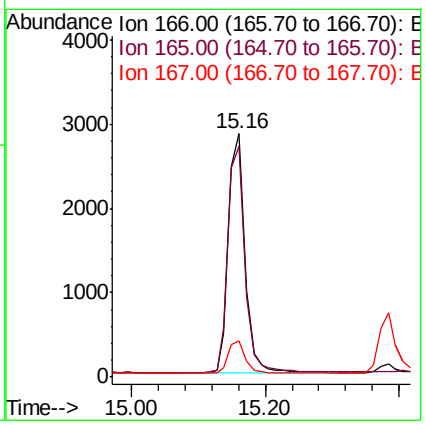


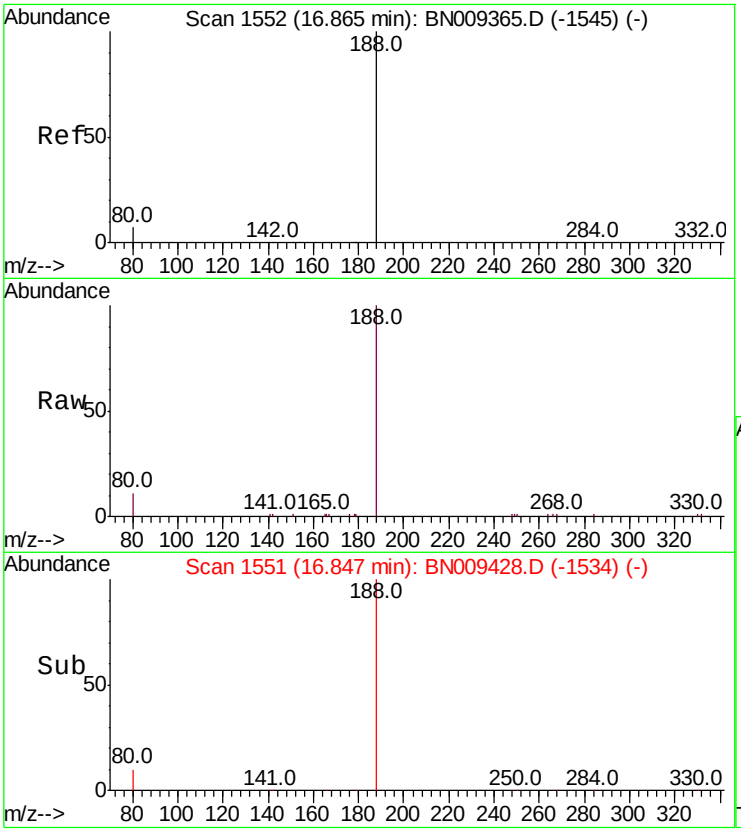


#18
Fluorene
Concen: 0.371 ng
RT: 15.16 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion:166 Resp: 4873

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.2	117.2
167	13.4	11.0	16.6



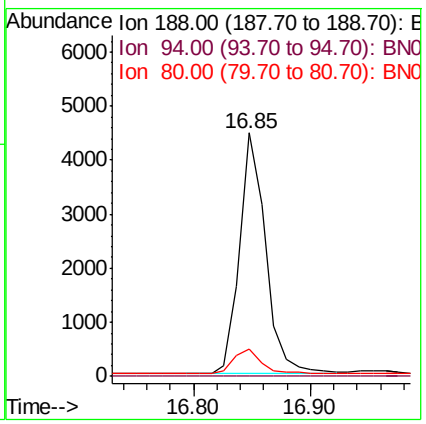


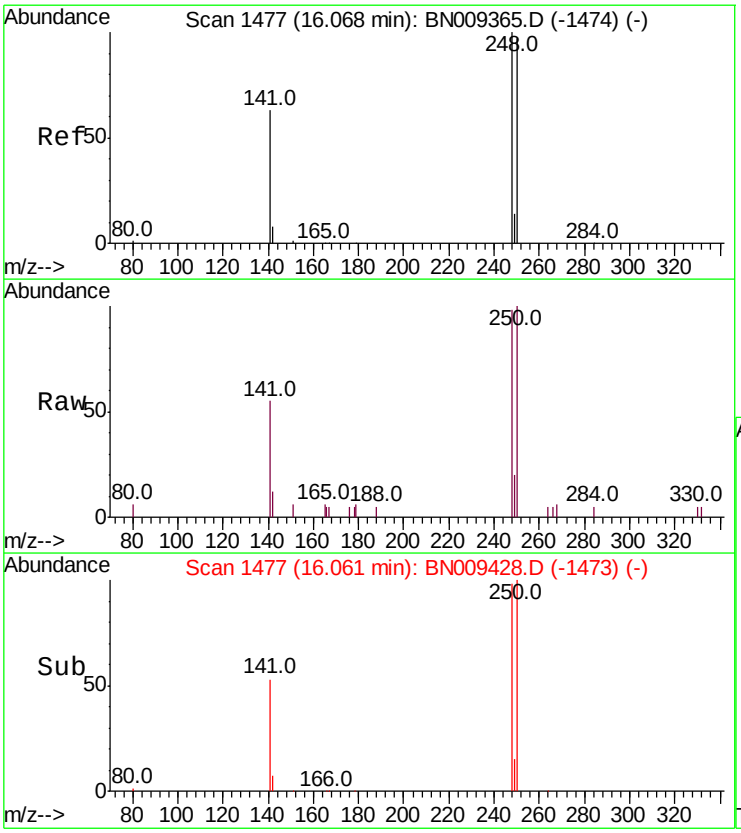
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.85 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 6902

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	6.6	10.0#

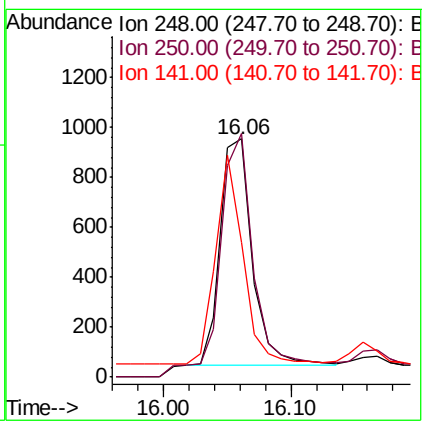


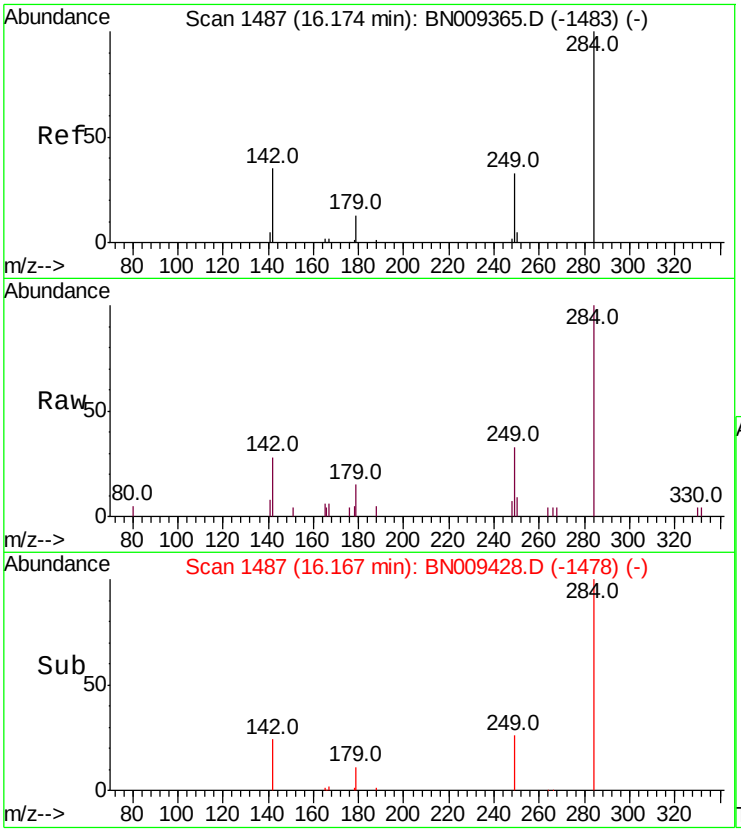


#20
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 16.06 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion:248 Resp: 1596

Ion	Ratio	Lower	Upper
248	100		
250	102.2	77.8	116.8
141	56.6	53.4	80.0



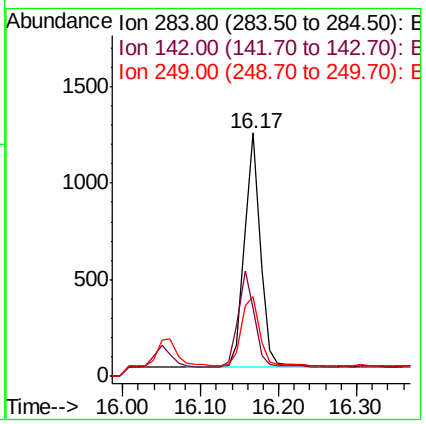


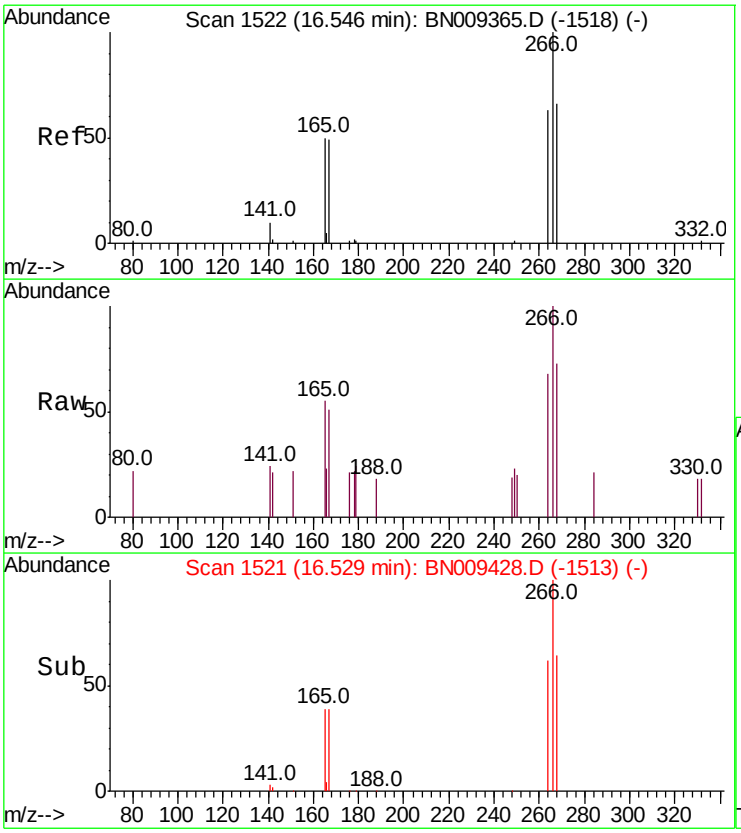
#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 1726

Ion	Ratio	Lower	Upper
284	100		
142	41.7	33.8	50.8
249	33.3	27.0	40.4

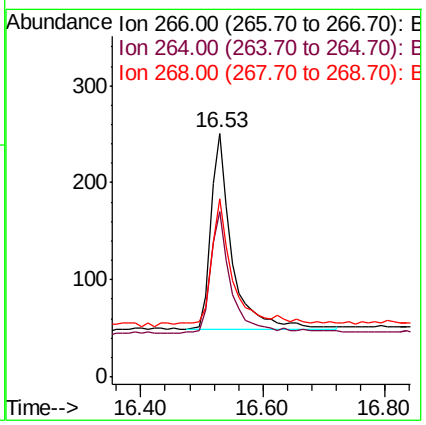


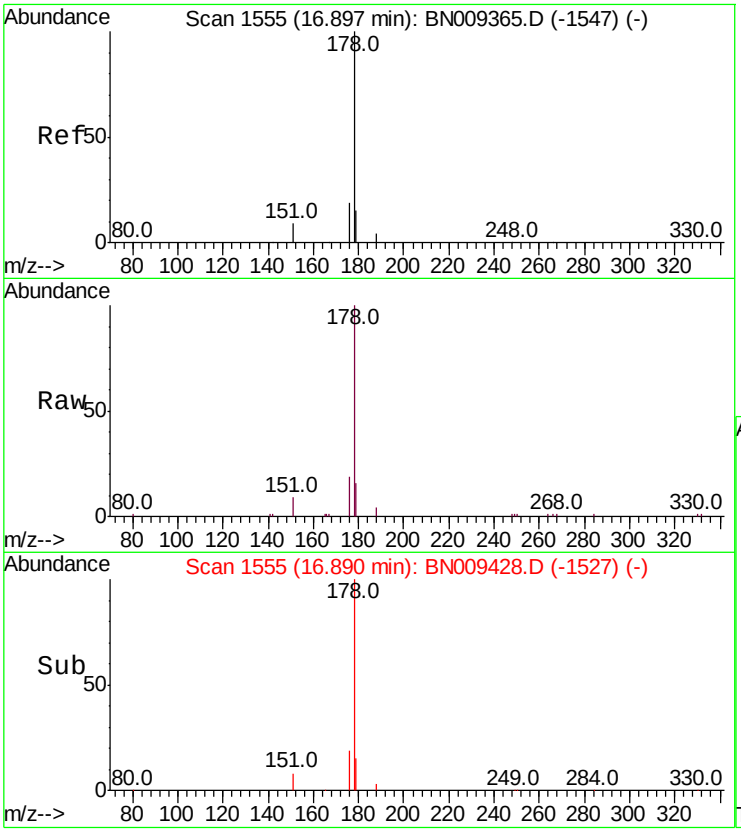


#22
Pentachlorophenol
Concen: 0.450 ng
RT: 16.53 min Scan# 1521
Delta R.T. -0.02 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion:266 Resp: 474

Ion	Ratio	Lower	Upper
266	100		
264	67.7	57.8	86.6
268	73.3	63.8	95.6



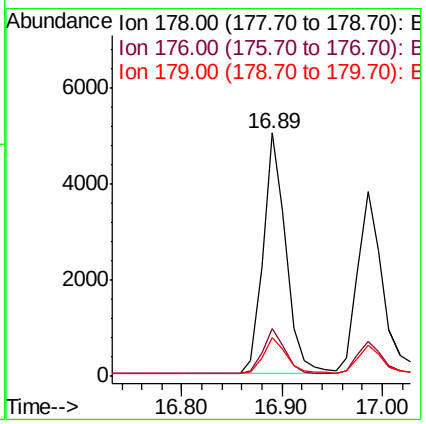


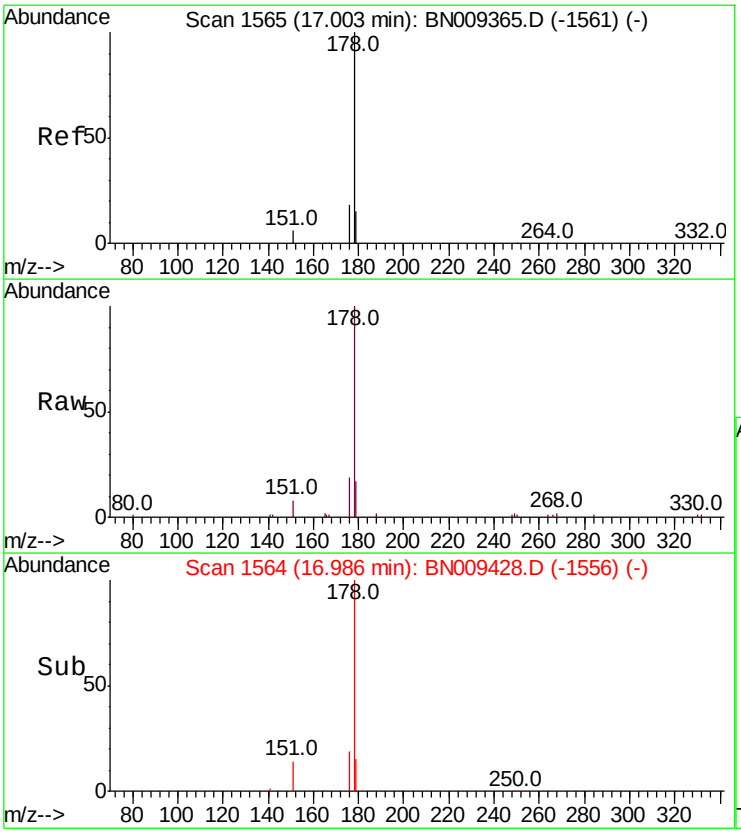
#23
Phenanthrene
Concen: 0.381 ng
RT: 16.89 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 7902

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.7	12.3	18.5

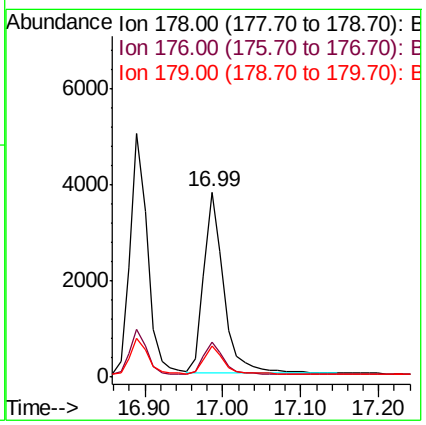


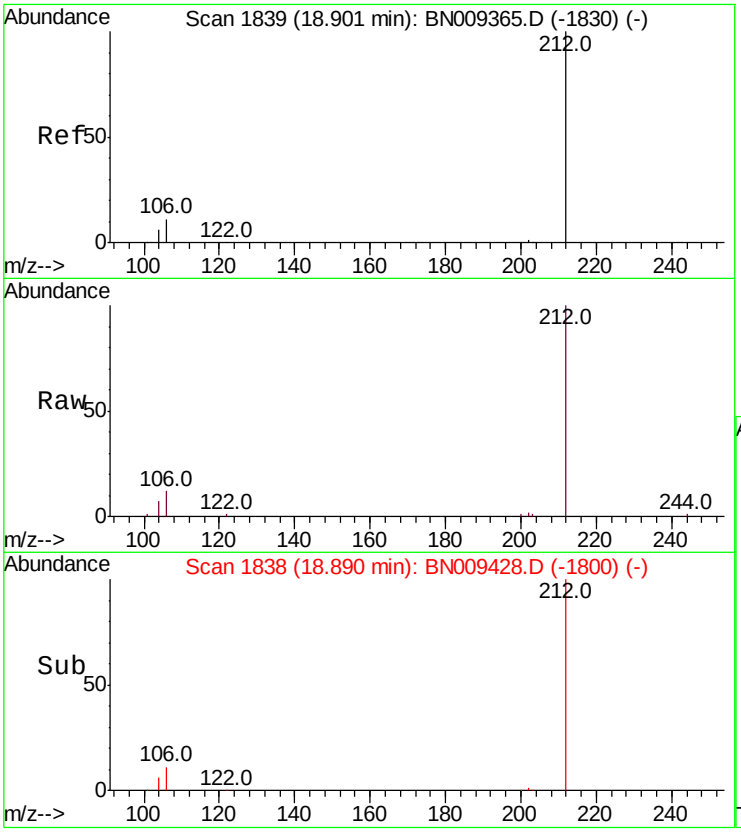


#24
Anthracene
Concen: 0.385 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion:178 Resp: 6697

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.2	12.5	18.7



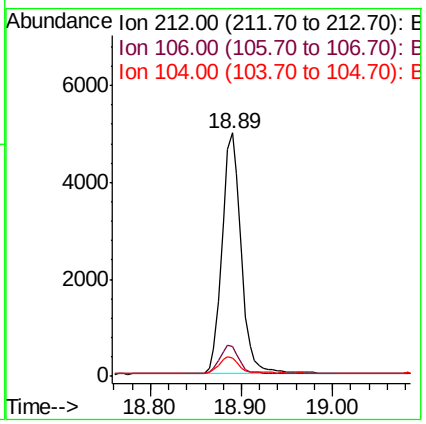


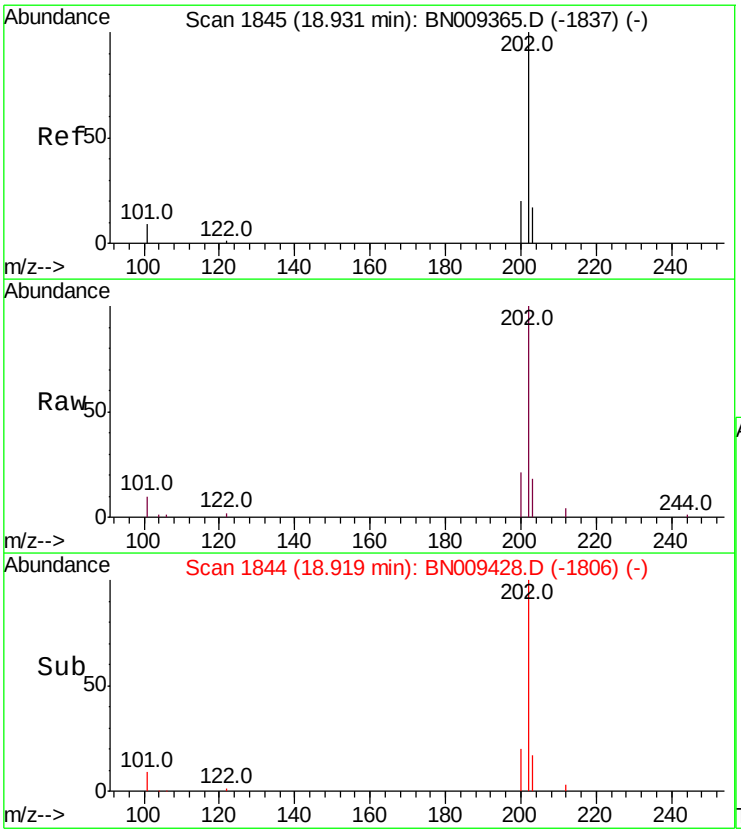
#25
Fluoranthene-d10
Concen: 0.310 ng
RT: 18.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 7326

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.2	13.8
104	6.8	5.4	8.0

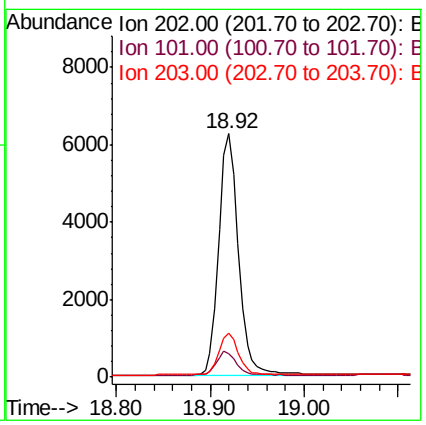


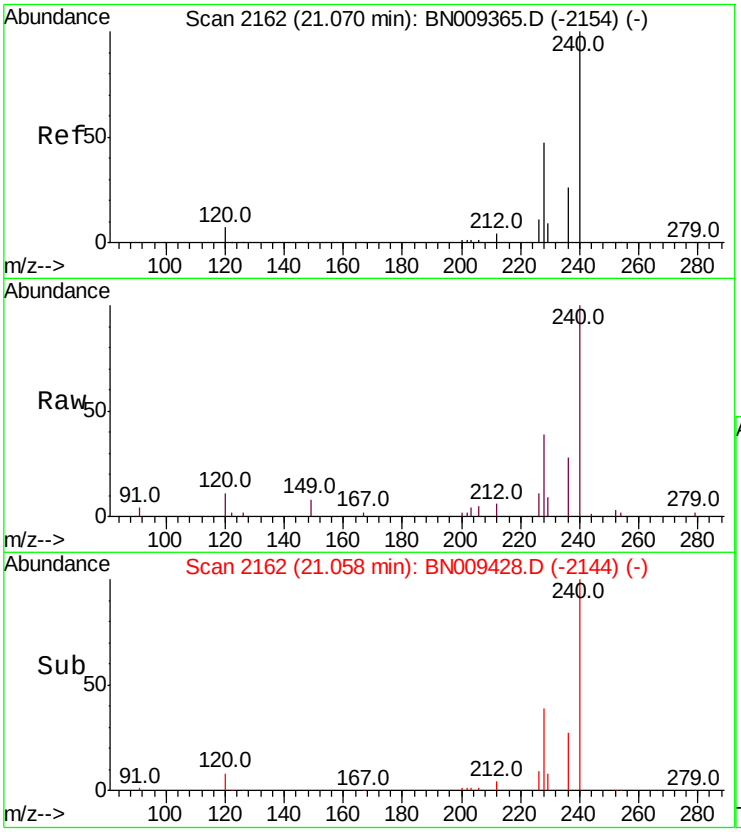


#26
Fluoranthene
Concen: 0.374 ng
RT: 18.92 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion:202 Resp: 9102

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.0	12.0
203	16.9	13.5	20.3



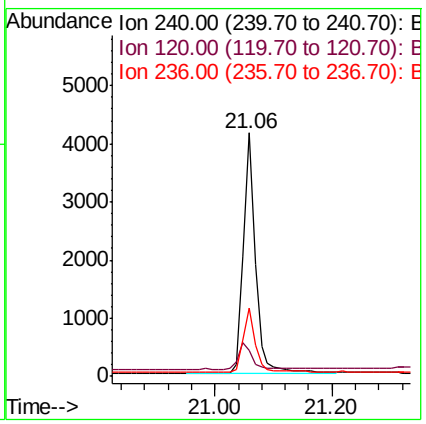


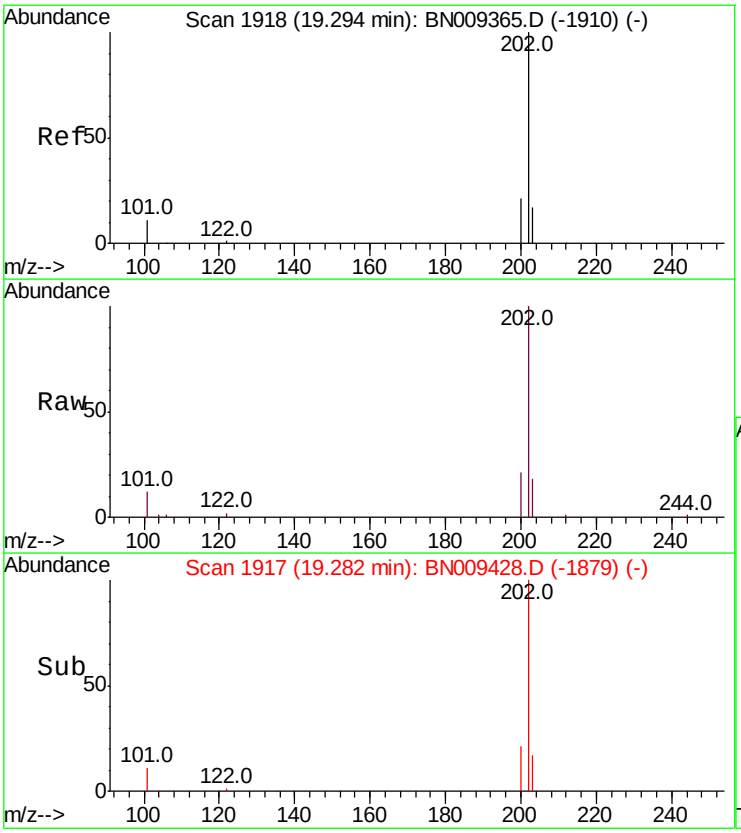
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 5969

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	27.9	22.2	33.4

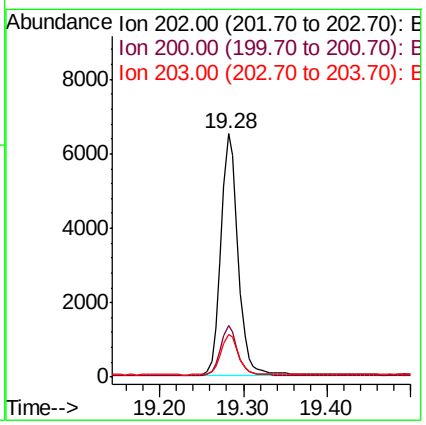


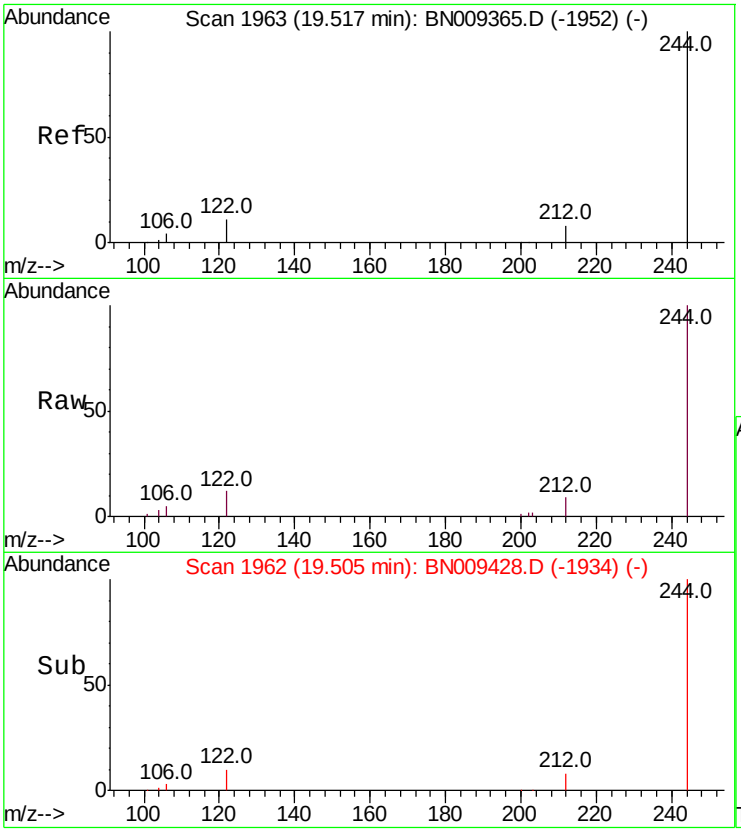


#28
Pyrene
Concen: 0.410 ng
RT: 19.28 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion:202 Resp: 9275

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.7	14.1	21.1



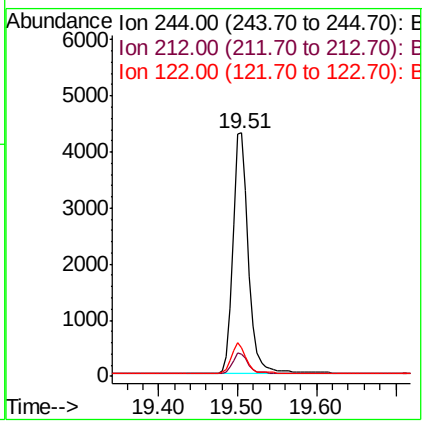


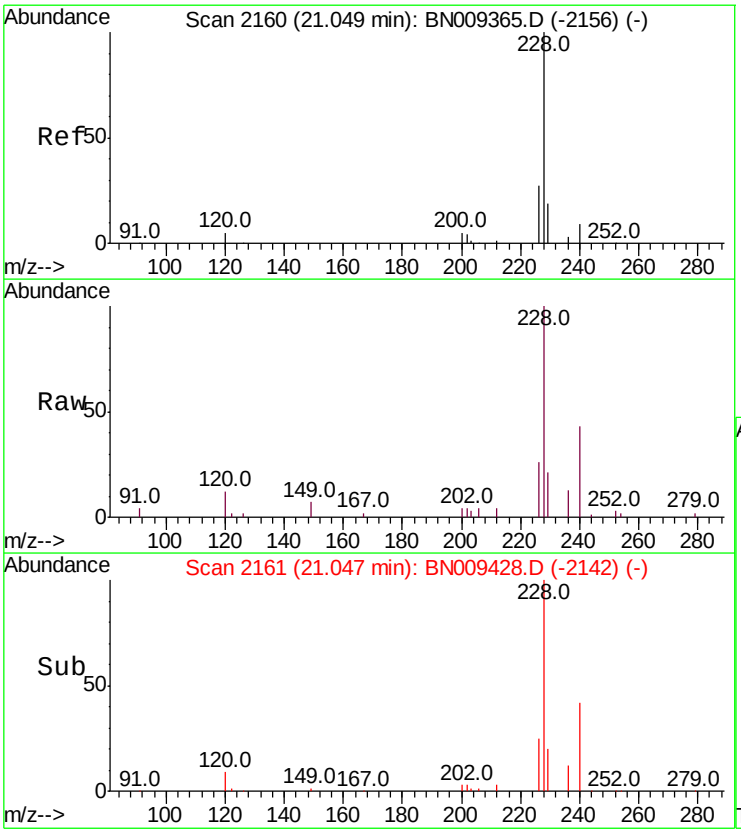
#29
Terphenyl-d14
Concen: 0.422 ng
RT: 19.51 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 5968

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.5	11.3
122	11.6	9.8	14.6

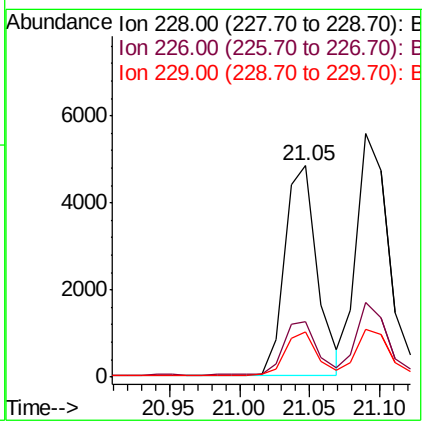


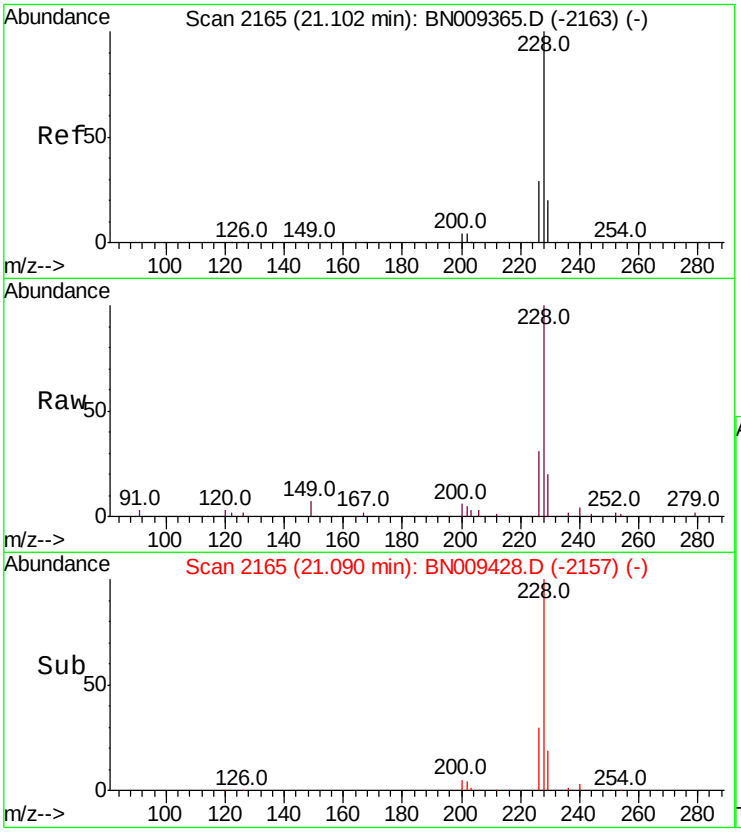


#30
Benzo(a)anthracene
Concen: 0.395 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion:228 Resp: 7748

Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.5	33.7
229	21.2	16.1	24.1



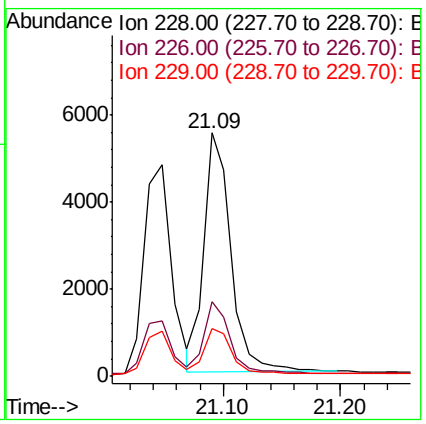


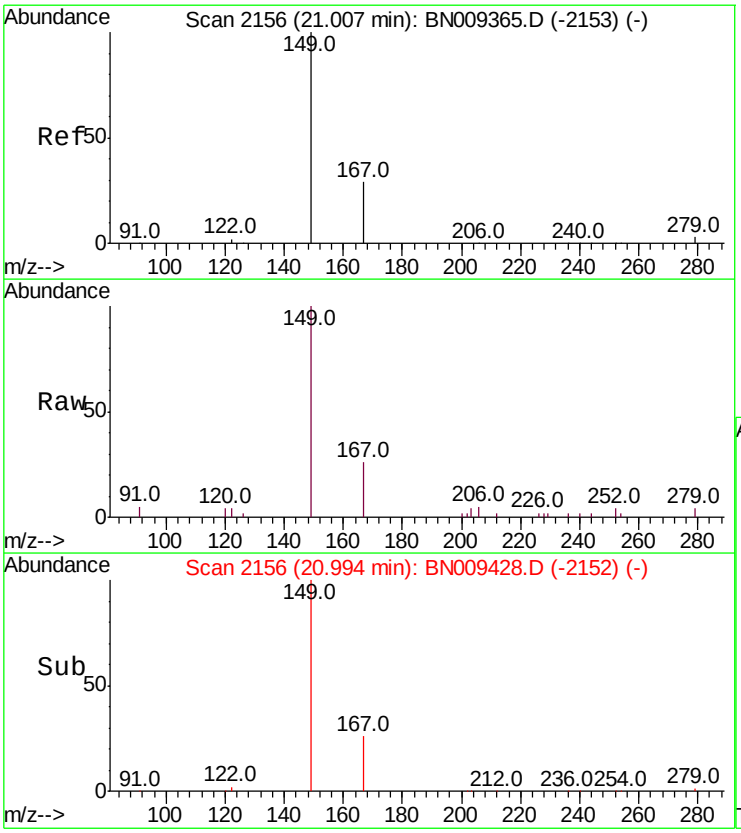
#31
Chrysene
Concen: 0.393 ng
RT: 21.09 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 8823

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.8
229	19.9	16.6	24.8

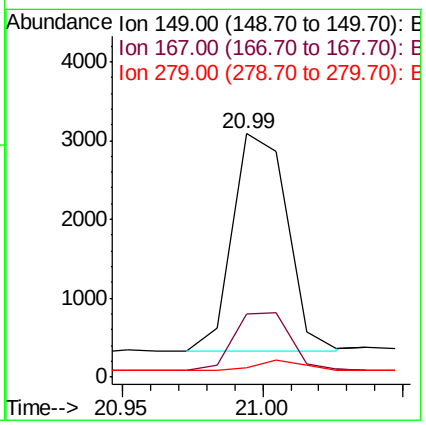


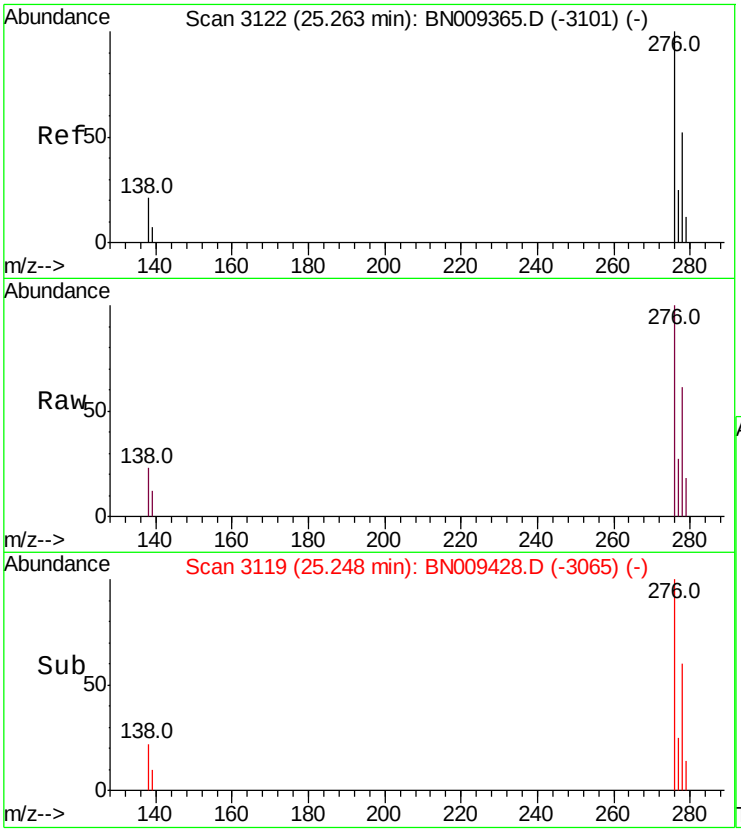


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.429 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion:149 Resp: 3721

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.9	34.3
279	4.3	3.4	5.0



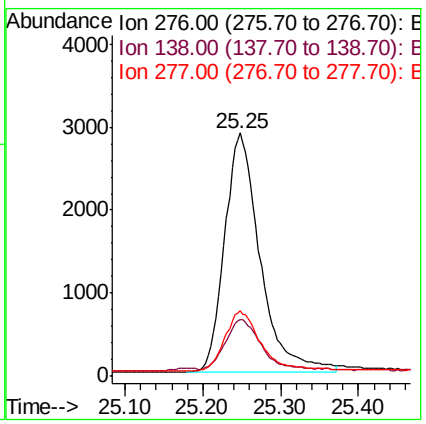


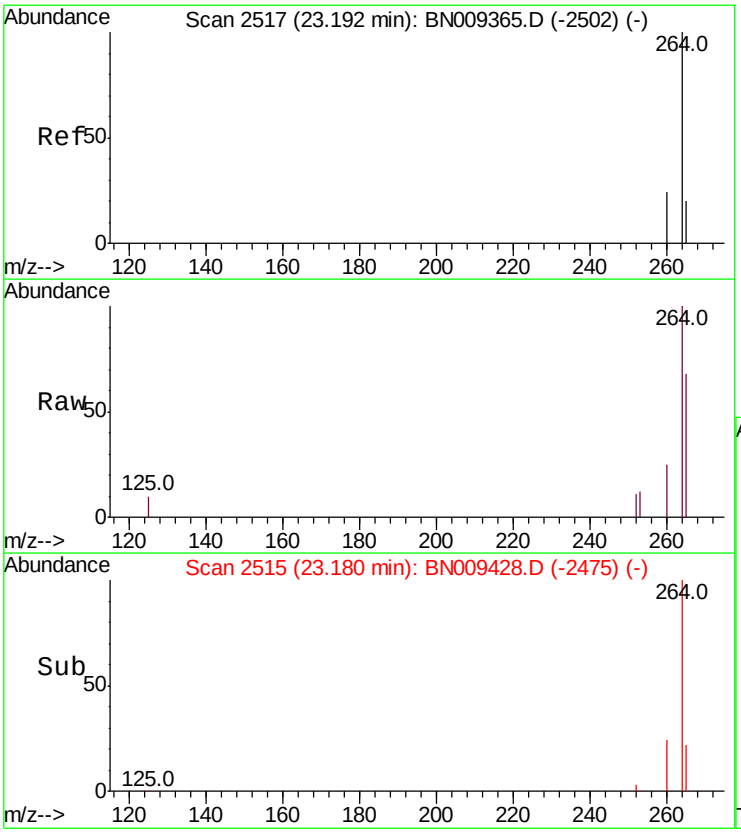
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng
RT: 25.25 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 9111

Ion	Ratio	Lower	Upper
276	100		
138	20.4	15.9	23.9
277	24.8	19.8	29.6

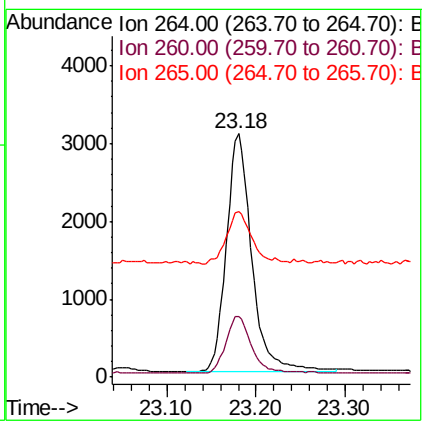


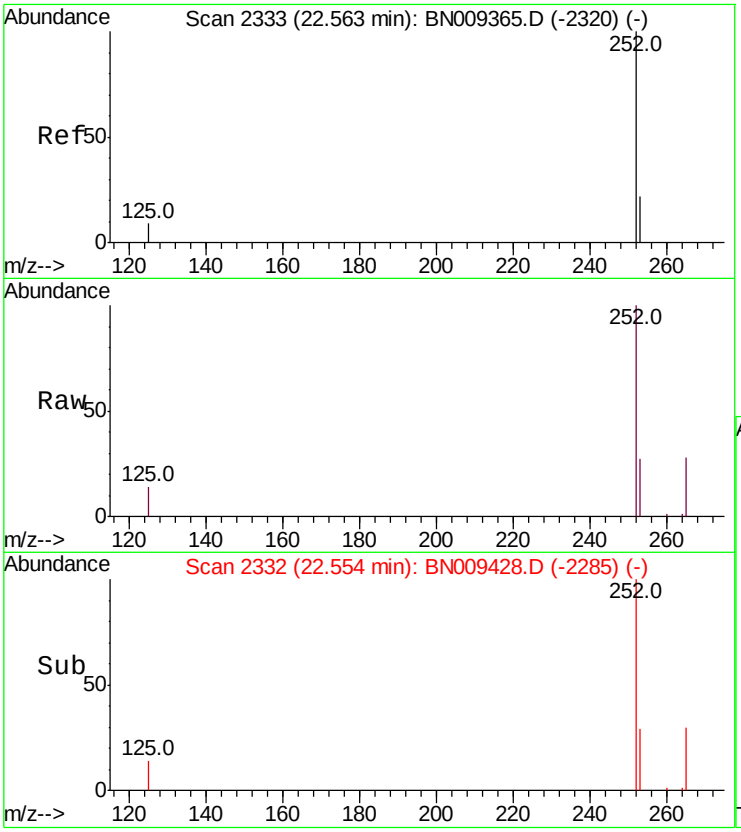


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.18 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion:264 Resp: 6060

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	67.9	68.2	102.4#



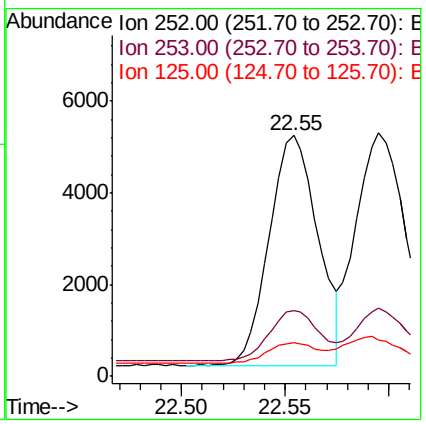


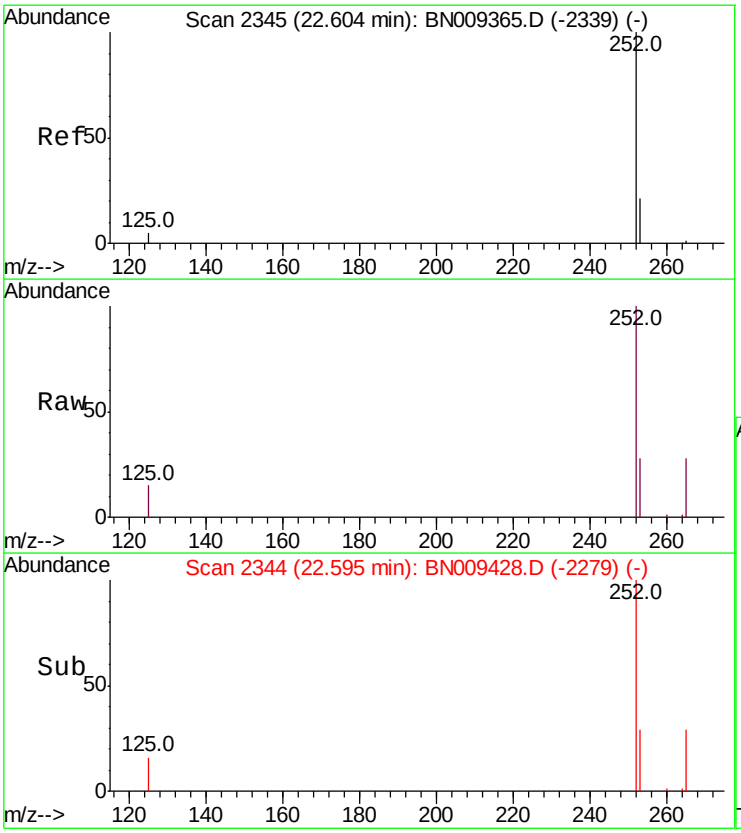
#35
Benzo(b)fluoranthene
Concen: 0.367 ng
RT: 22.55 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8176

Ion	Ratio	Lower	Upper
252	100		
253	27.3	22.4	33.6
125	13.8	11.6	17.4

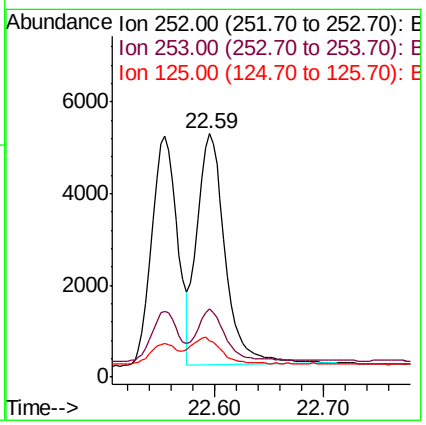


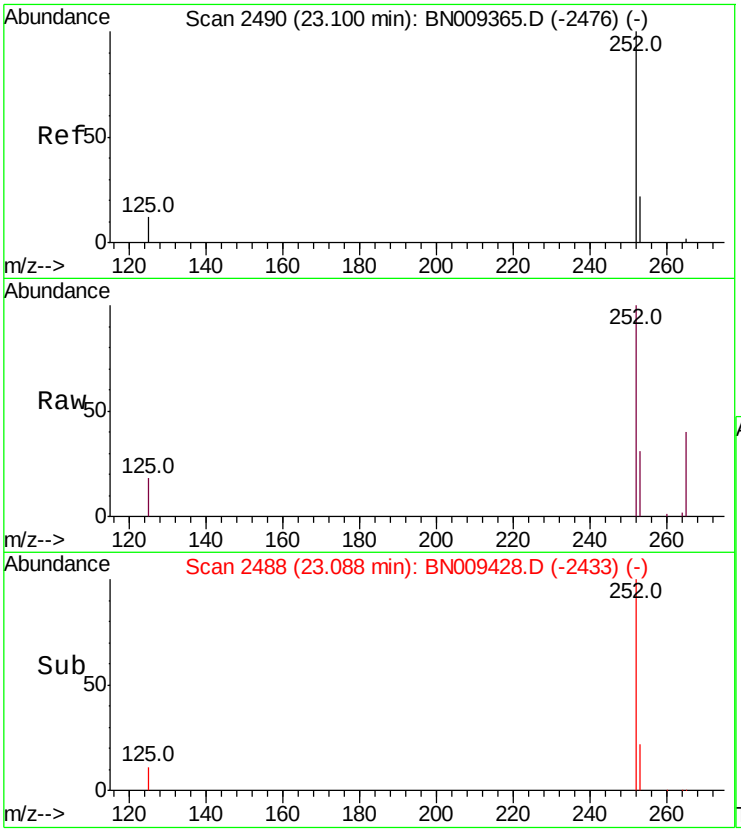


#36
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 22.59 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion:252 Resp: 9075

Ion	Ratio	Lower	Upper
252	100		
253	27.8	21.9	32.9
125	15.1	12.0	18.0



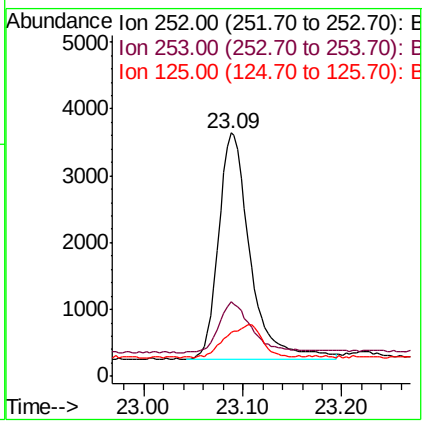


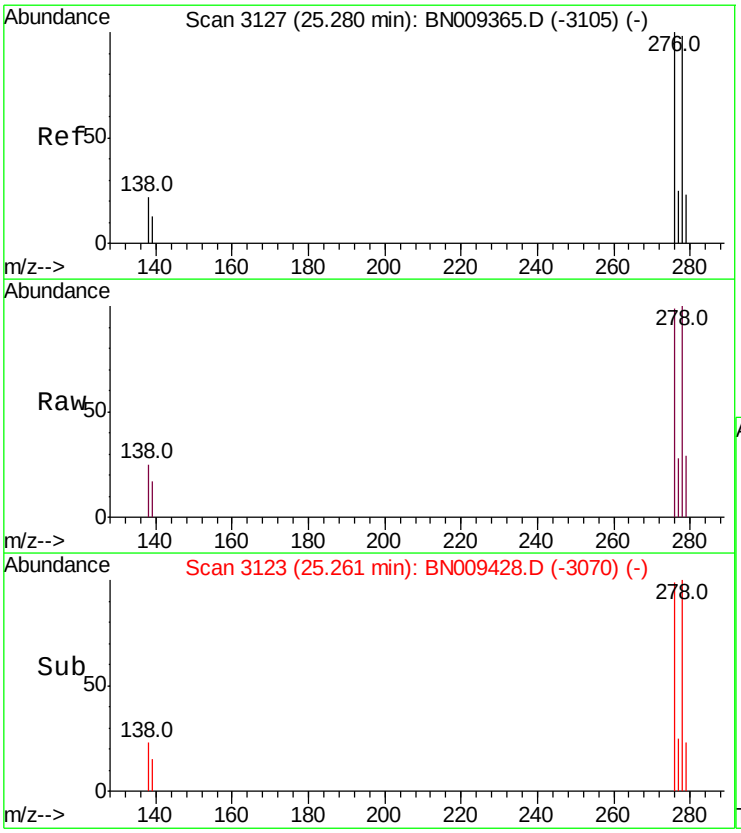
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.09 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7465

Ion	Ratio	Lower	Upper
252	100		
253	30.7	25.4	38.0
125	18.0	16.2	24.2

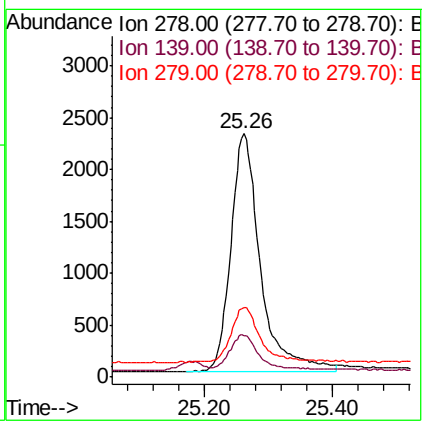


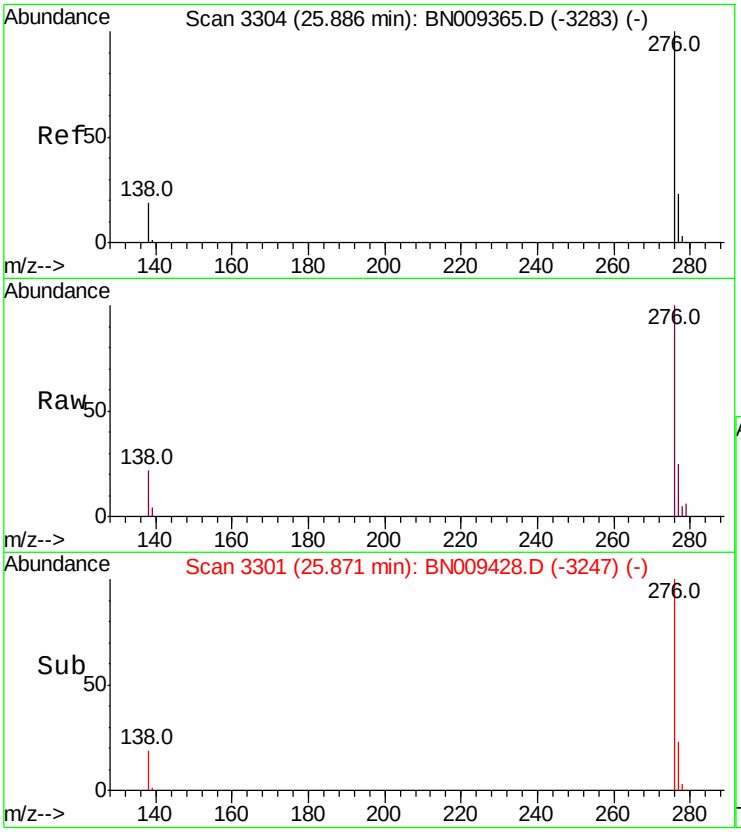


#38
Dibenzo(a,h)anthracene
Concen: 0.371 ng
RT: 25.26 min Scan# 3123
Delta R.T. -0.02 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Tgt Ion:278 Resp: 7332

Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.5	21.7
279	28.5	24.2	36.4





#39
Benzo(g,h,i)perylene
Concen: 0.366 ng
RT: 25.87 min Scan# 3301
Delta R.T. -0.02 min
Lab File: BN009428.D
Acq: 23 Jan 2020 17:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7955

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.6	30.8
138	21.5	17.1	25.7