Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
Data File : BN009398.D
Acq On : 20 Jan 2020 11:37
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jan 20 17:50:50 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	1695	0.40	ng		0.00
7) Naphthalene-d8	10.22	136	5803	0.40	ng		-0.01
13) Acenaphthene-d10	14.10	164	3673	0.40	ng		-0.01
19) Phenanthrene-d10	16.85	188	8199	0.40	ng		-0.01
27) Chrysene-d12	21.06	240	7120	0.40	ng		-0.01
34) Perylene-d12	23.19	264	7029	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1505	0.39	ng		0.00
5) Phenol-d6	6.67	99	1682	0.37	ng		0.00
8) Nitrobenzene-d5	8.62	82	1671	0.36	ng		-0.01
11) 2-Methylnaphthalene-d10	11.82	152	4314	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.61	330	482	0.35	ng		-0.01
15) 2-Fluorobiphenyl	12.73	172	5296	0.39	ng		0.00
25) Fluoranthene-d10	18.90	212	10234	0.36	ng		0.00
29) Terphenyl-d14	19.51	244	6434	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	701	0.397	ng		96
3) n-Nitrosodimethylamine	3.47	42	1060	0.388	ng	#	95
6) bis(2-Chloroethyl)ether	6.92	93	1731	0.373	ng		96
9) Naphthalene	10.27	128	6011	0.383	ng		99
10) Hexachlorobutadiene	10.56	225	1398	0.406	ng	#	97
12) 2-Methylnaphthalene	11.90	142	4176	0.382	ng		98
16) Acenaphthylene	13.82	152	5683	0.359	ng		100
17) Acenaphthene	14.16	154	4224	0.379	ng		99
18) Fluorene	15.16	166	5482	0.378	ng		99
20) 4-Bromophenyl-phenylether	16.06	248	1807	0.366	ng	#	89
21) Hexachlorobenzene	16.17	284	1915	0.364	ng		98
22) Pentachlorophenol	16.55	266	475	0.403	ng		94
23) Phenanthrene	16.90	178	9072	0.368	ng		100
24) Anthracene	16.99	178	7269	0.351	ng		100
26) Fluoranthene	18.93	202	10513	0.364	ng		100
28) Pyrene	19.29	202	10392	0.385	ng		100
30) Benzo(a)anthracene	21.05	228	8733	0.373	ng		98
31) Chrysene	21.10	228	10224	0.382	ng		99
32) Bis(2-ethylhexyl)phthalate	21.01	149	3782	0.365	ng		98
33) Indeno(1,2,3-cd)pyrene	25.26	276	10401	0.374	ng		99
35) Benzo(b)fluoranthene	22.56	252	9243	0.358	ng		97
36) Benzo(k)fluoranthene	22.60	252	10886	0.381	ng		98
37) Benzo(a)pyrene	23.10	252	8242	0.362	ng		96
38) Dibenzo(a,h)anthracene	25.28	278	8131	0.355	ng		98
39) Benzo(g,h,i)perylene	25.89	276	9280	0.368	ng		99

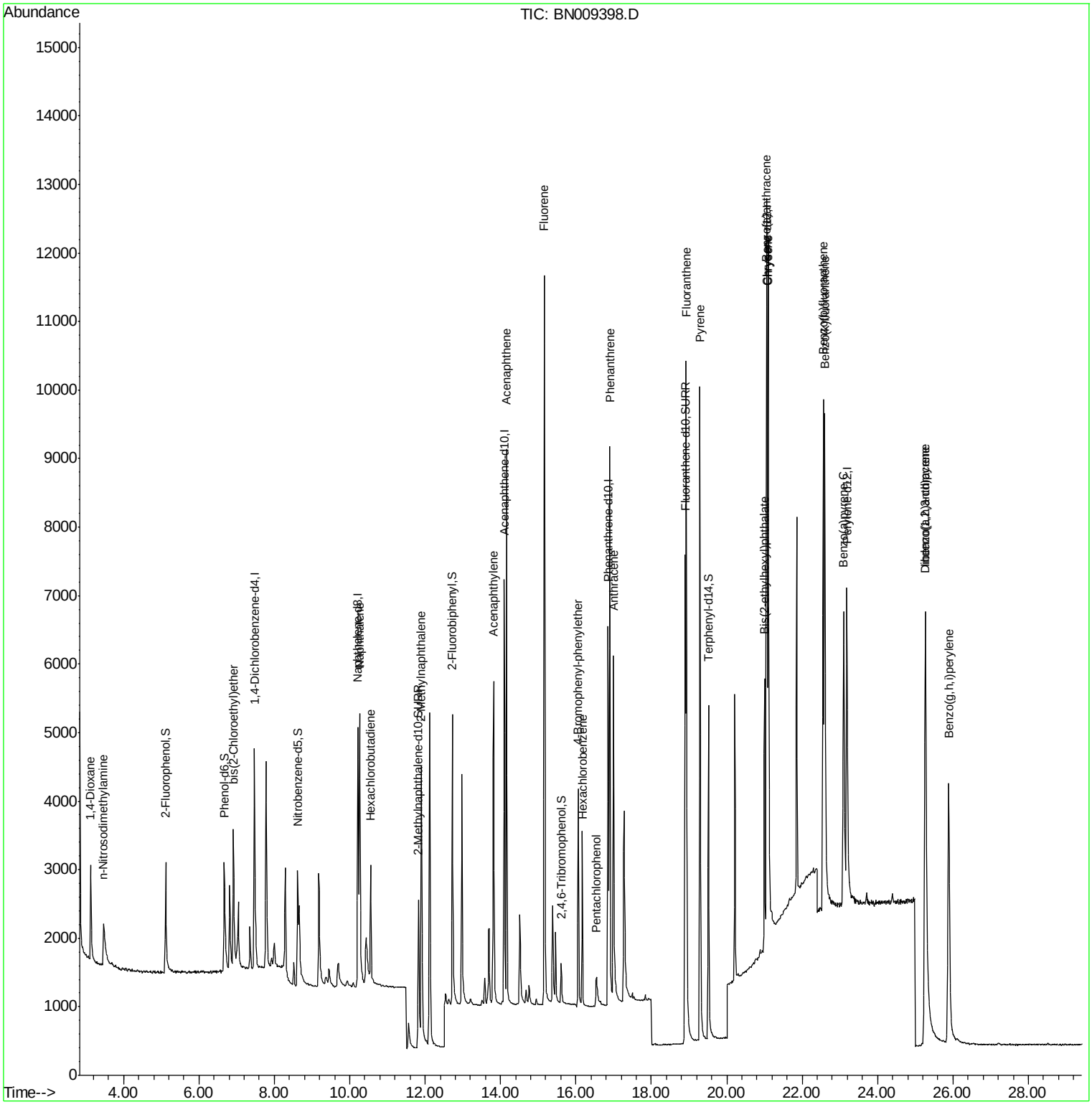
(#) = qualifier out of range (m) = manual integration (+) = signals summed

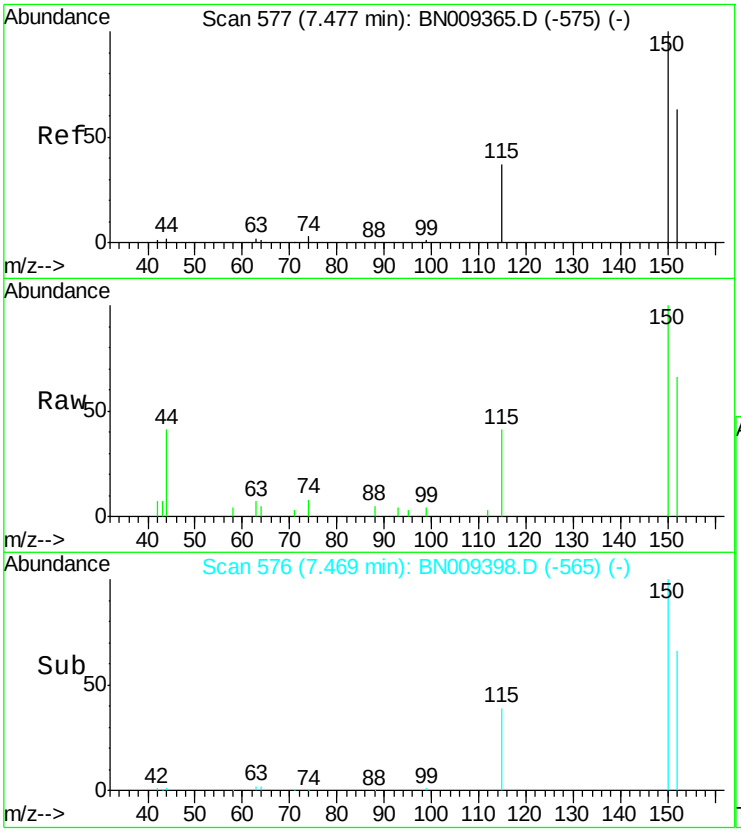
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
Data File : BN009398.D
Acq On : 20 Jan 2020 11:37
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jan 20 17:50:50 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



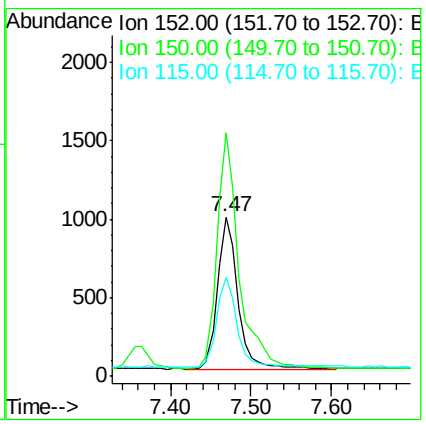


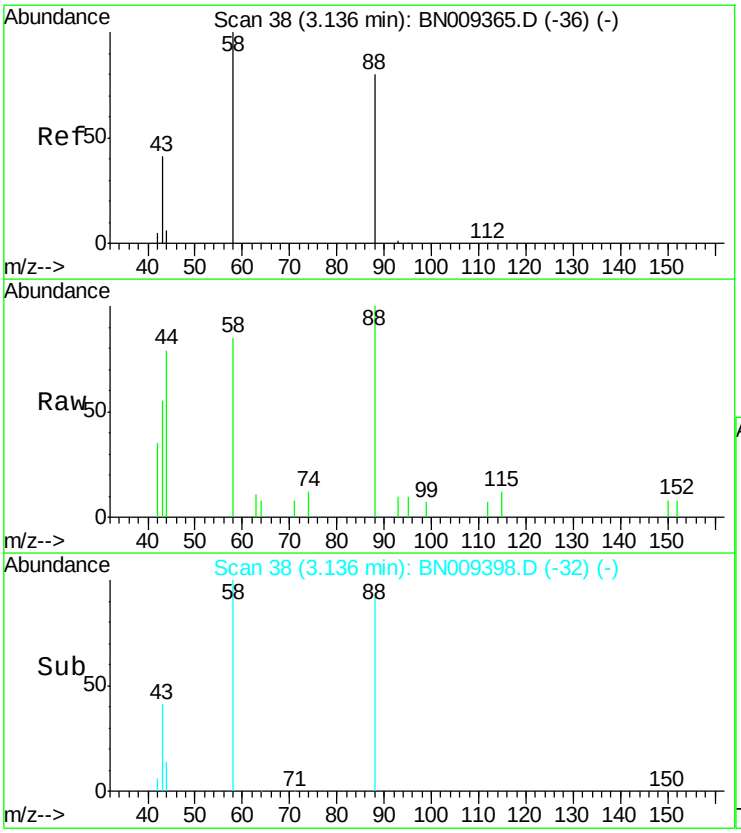
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1695

Ion	Ratio	Lower	Upper
152	100		
150	152.5	125.7	188.5
115	62.1	53.3	79.9

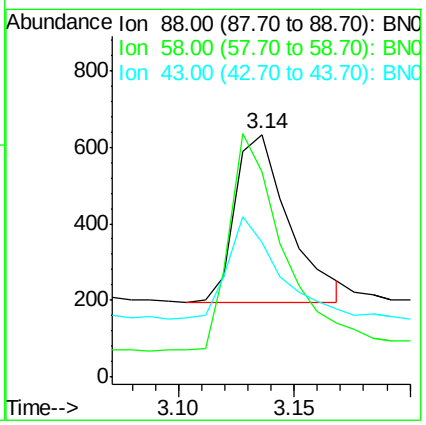


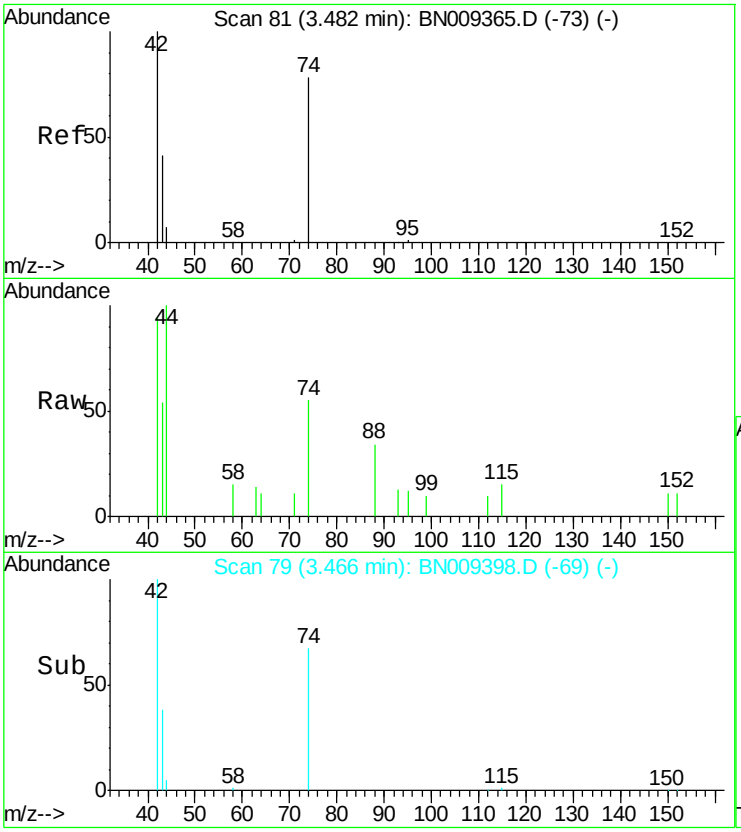


#2
1,4-Dioxane
Concen: 0.397 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion: 88 Resp: 701

Ion	Ratio	Lower	Upper
88	100		
58	128.0	100.2	150.2
43	58.3	43.1	64.7



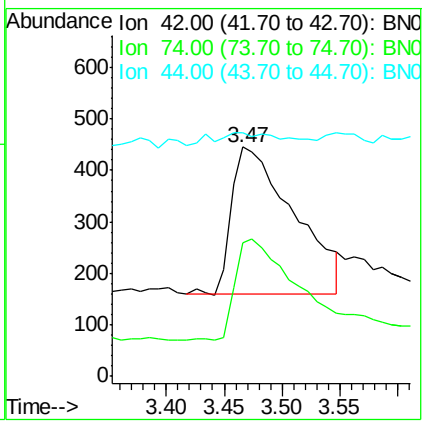


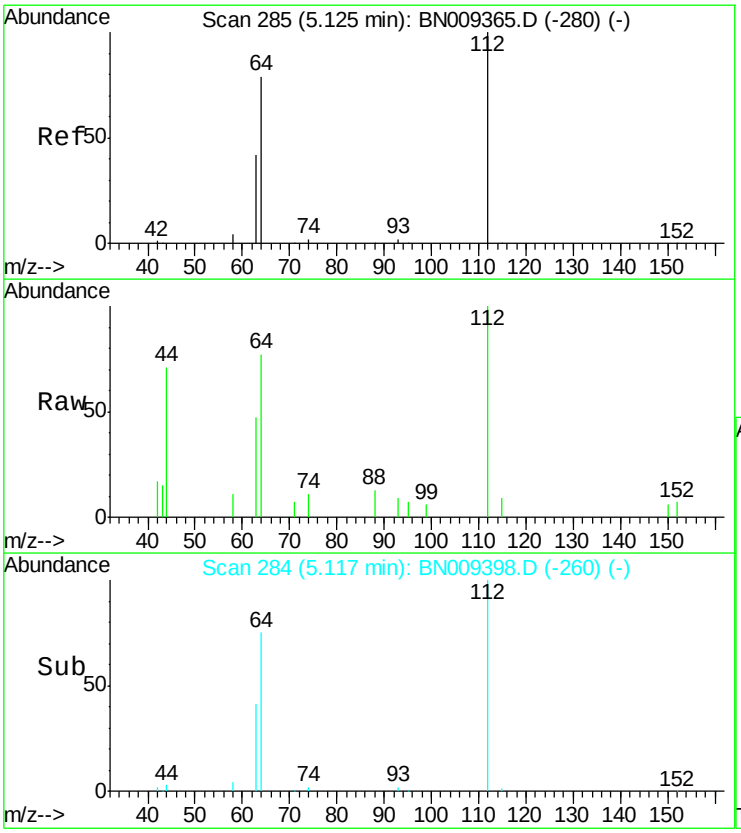
#3
n-Nitrosodimethylamine
Concen: 0.388 ng
RT: 3.47 min Scan# 79
Delta R.T. -0.02 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1060

Ion	Ratio	Lower	Upper
42	100		
74	67.9	55.8	83.8
44	5.5	11.1	16.7#

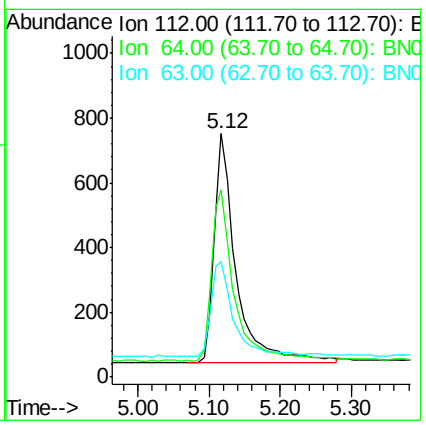


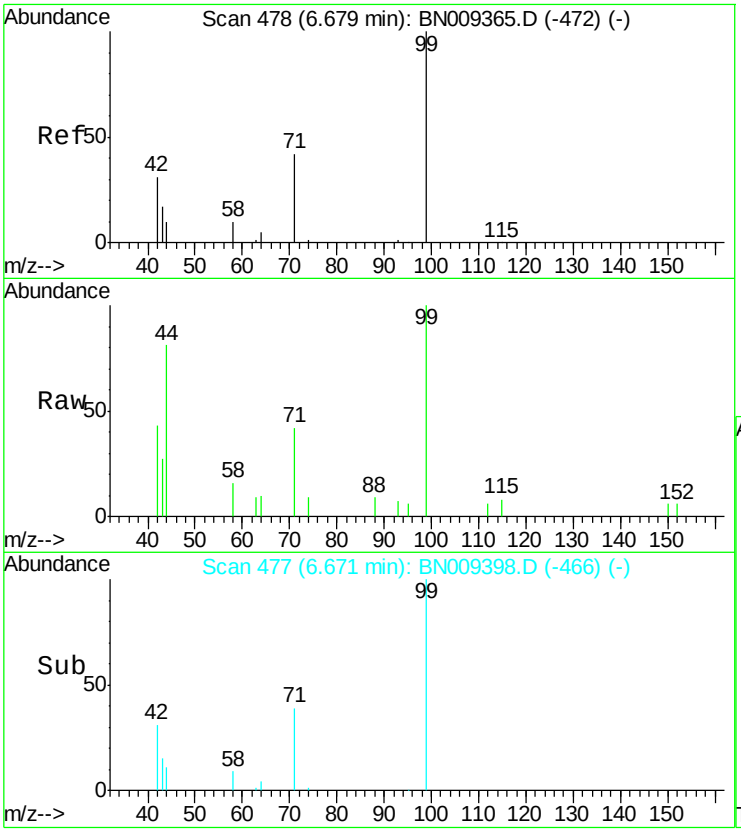


#4
2-Fluorophenol
Concen: 0.386 ng
RT: 5.12 min Scan# 284
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:112 Resp: 1505

Ion	Ratio	Lower	Upper
112	100		
64	77.8	61.5	92.3
63	42.4	35.0	52.4



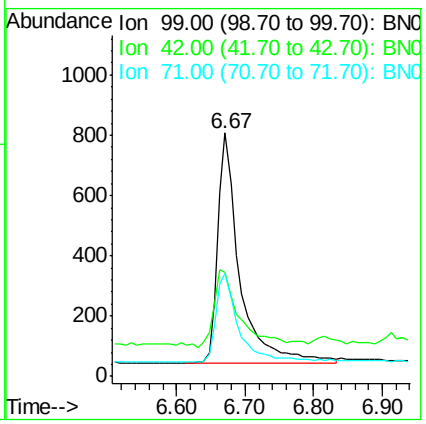


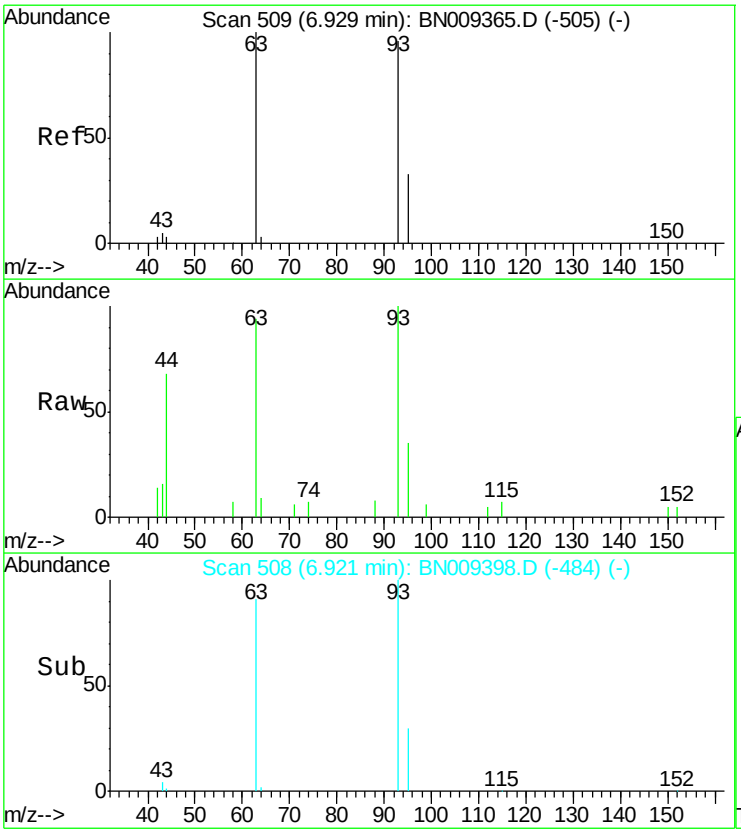
#5
Phenol-d6
Concen: 0.373 ng
RT: 6.67 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1682

Ion	Ratio	Lower	Upper
99	100		
42	42.2	27.6	41.4#
71	40.2	33.0	49.6

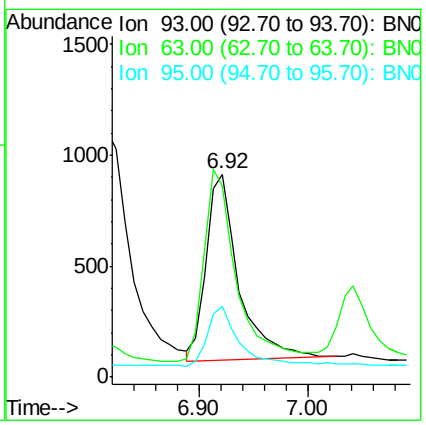


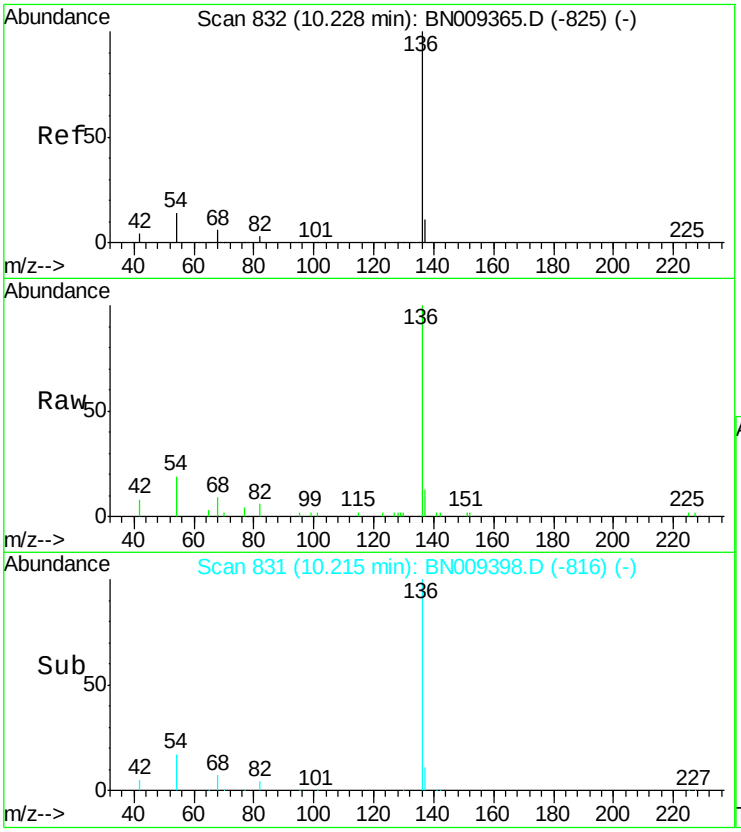


#6
bis(2-Chloroethyl)ether
Concen: 0.373 ng
RT: 6.92 min Scan# 508
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion: 93 Resp: 1731

Ion	Ratio	Lower	Upper
93	100		
63	103.8	85.1	127.7
95	32.4	30.2	45.4



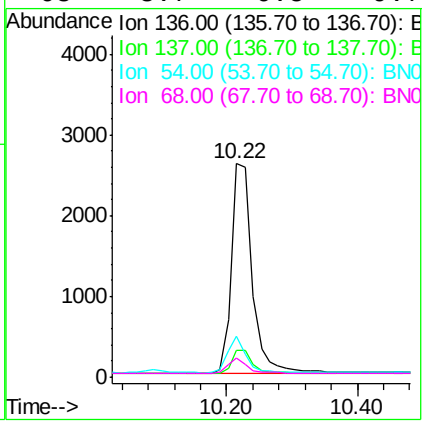


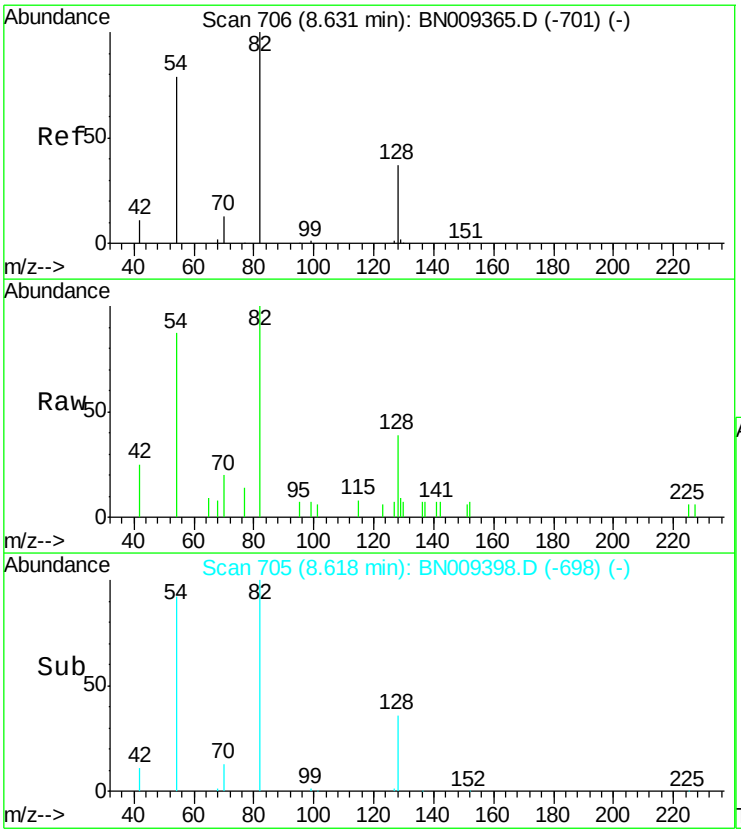
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 5803

Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.3	15.5
54	19.2	12.6	19.0#
68	8.7	6.5	9.7

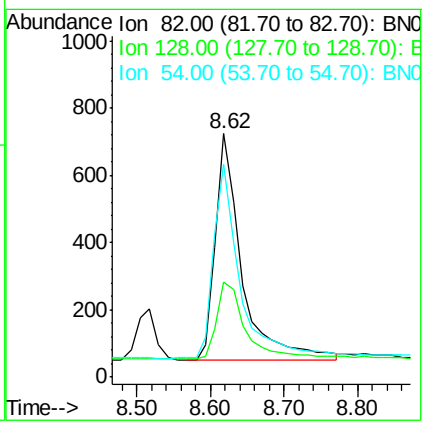


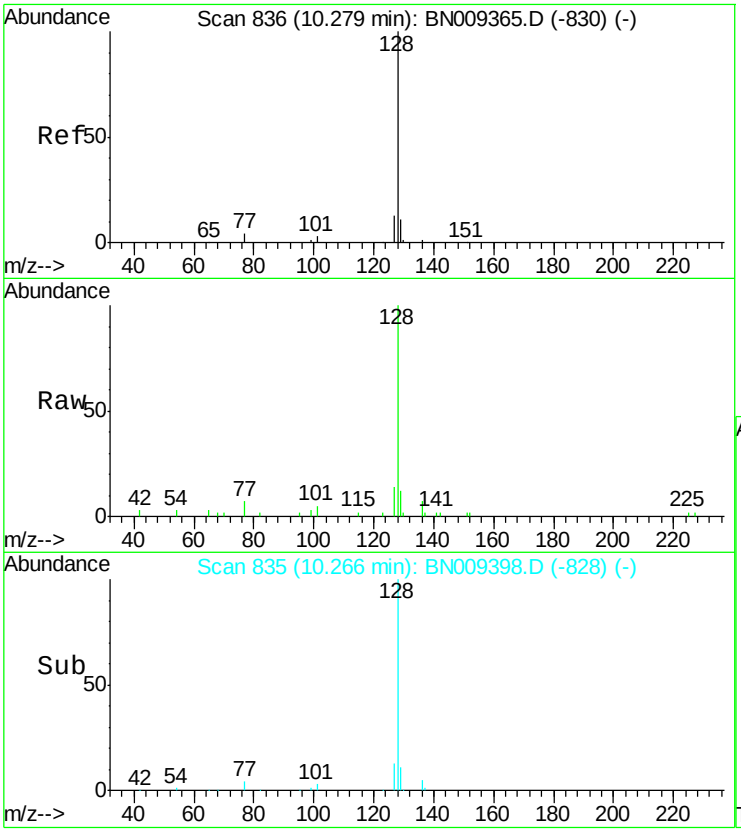


#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.62 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion: 82 Resp: 1671

Ion	Ratio	Lower	Upper
82	100		
128	39.0	34.8	52.2
54	87.4	65.8	98.6



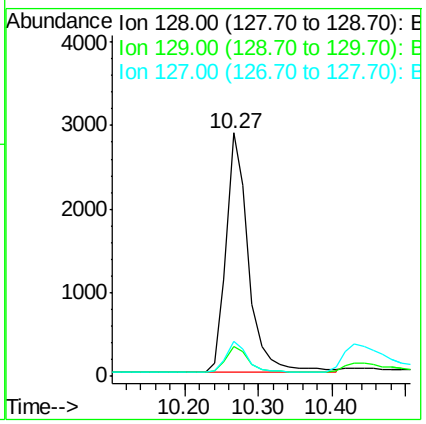


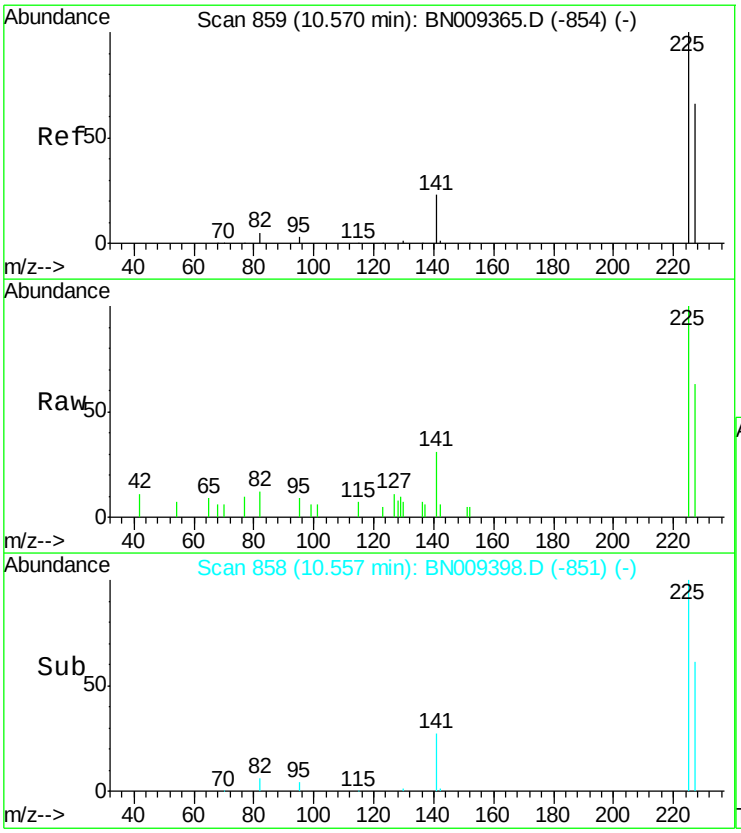
#9
Naphthalene
Concen: 0.383 ng
RT: 10.27 min Scan# 835
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 6011

Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.4	15.6
127	14.5	11.4	17.2

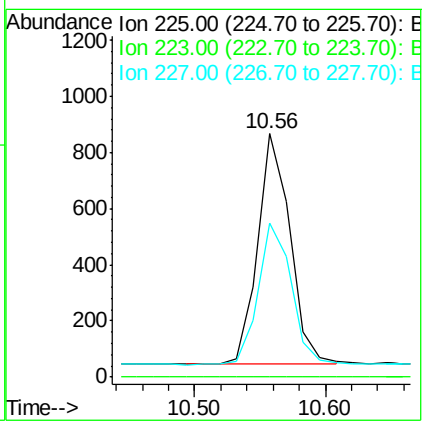


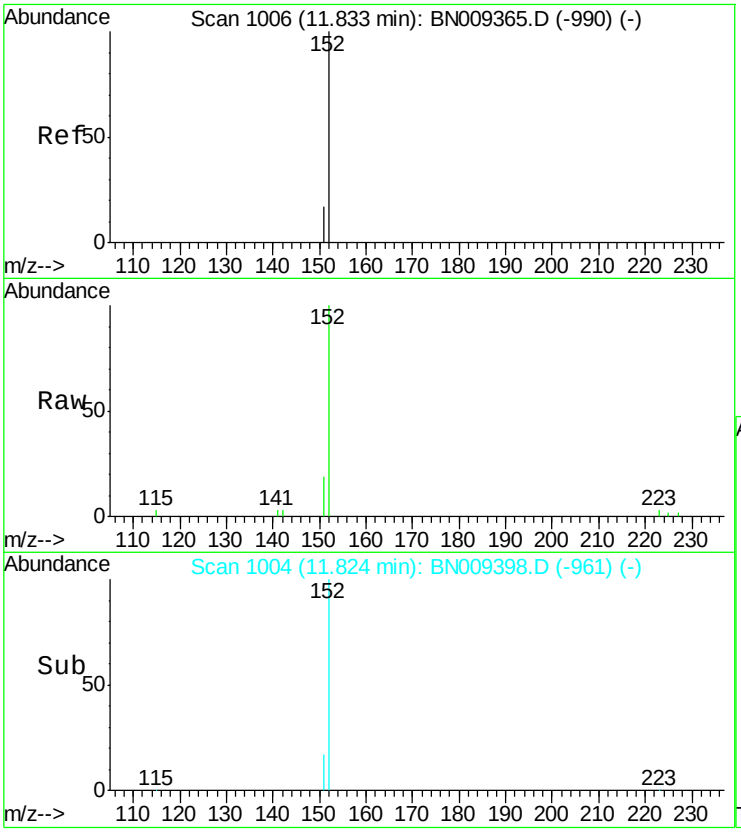


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.56 min Scan# 858
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:225 Resp: 1398

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	52.6	78.8



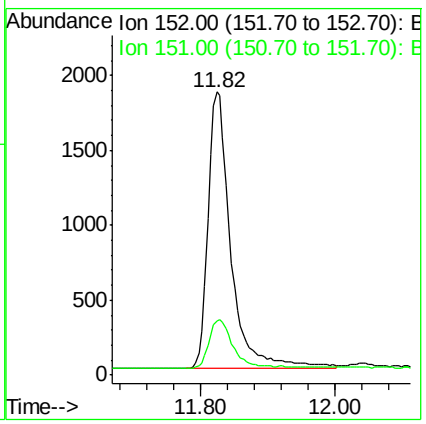


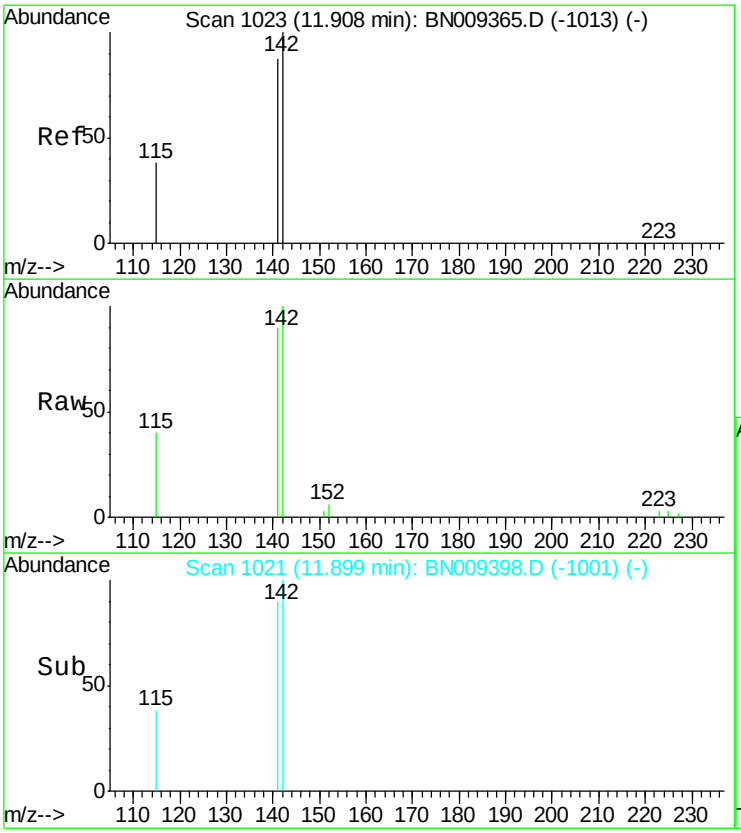
#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4314

Ion	Ratio	Lower	Upper
152	100		
151	18.3	14.8	22.2

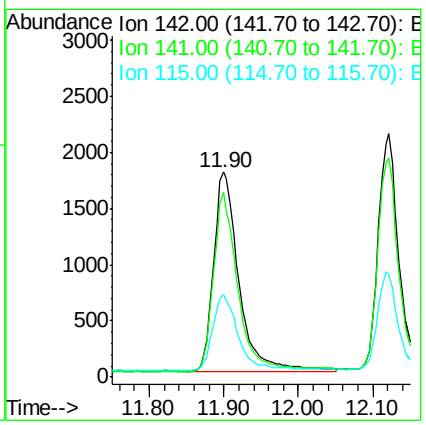


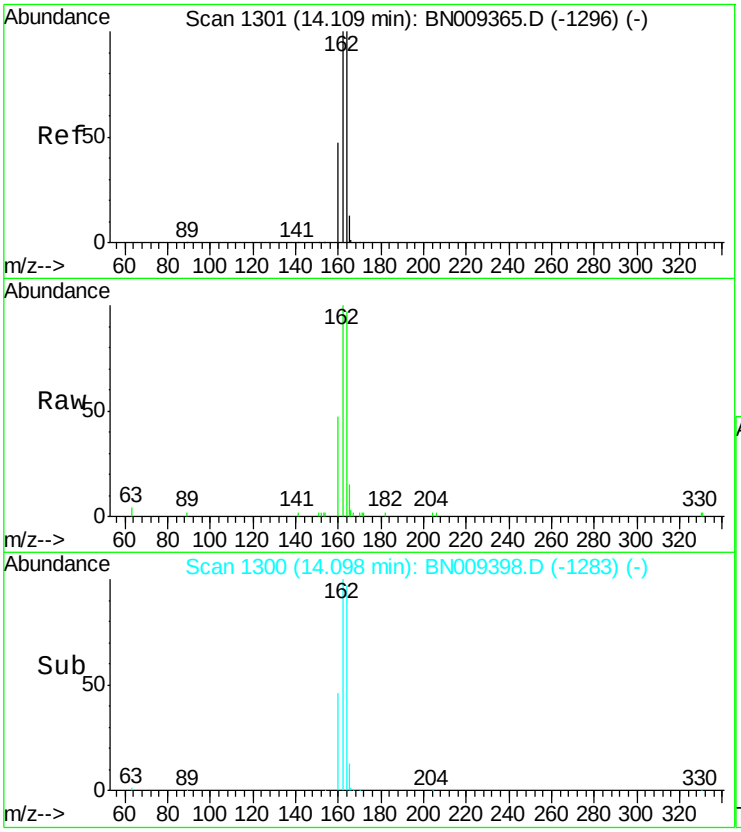


#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 11.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:142 Resp: 4176

Ion	Ratio	Lower	Upper
142	100		
141	89.9	69.8	104.6
115	40.4	32.5	48.7



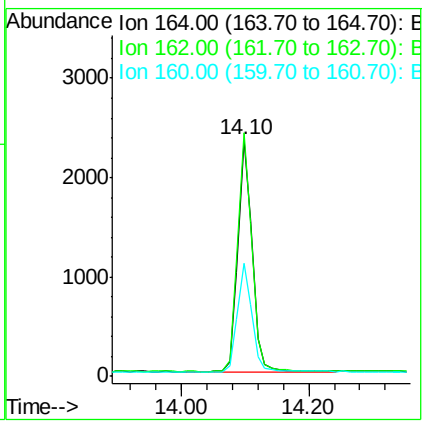


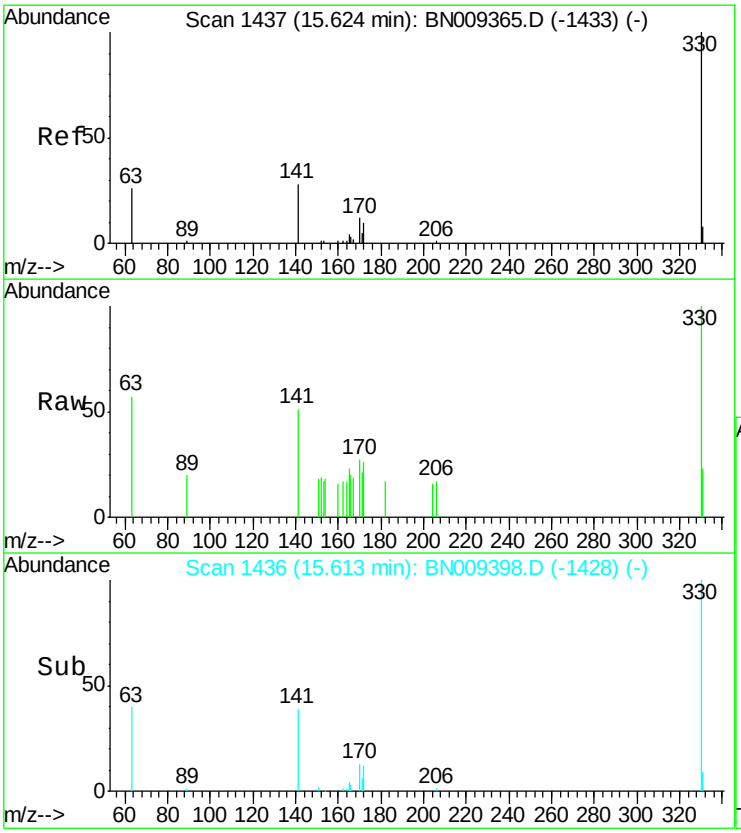
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.10 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3673

Ion	Ratio	Lower	Upper
164	100		
162	103.2	79.8	119.6
160	48.0	38.4	57.6

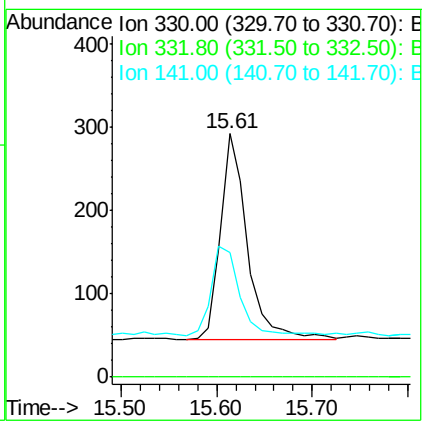


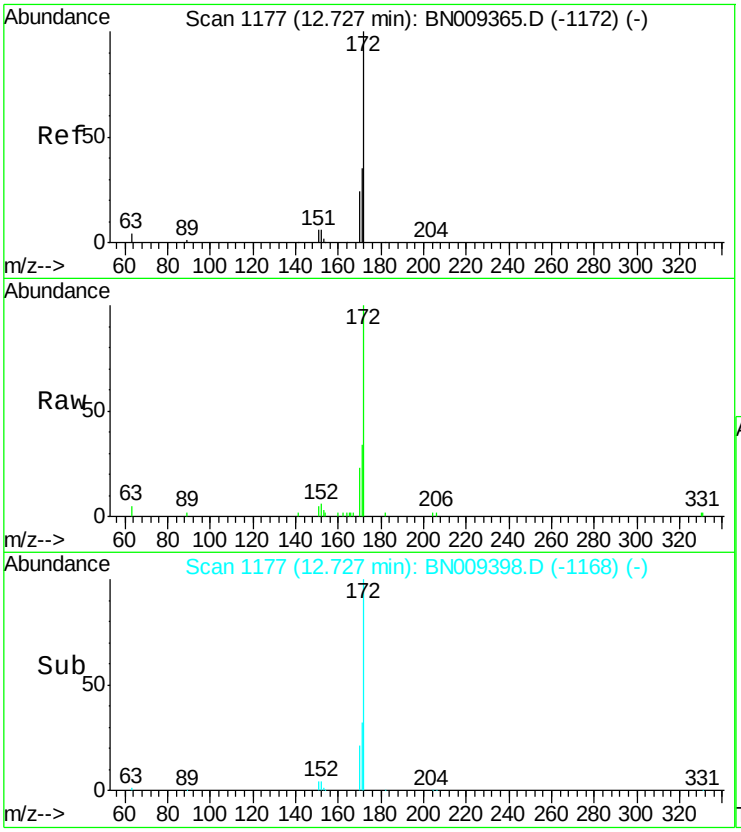


#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 15.61 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:330 Resp: 482

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.9	33.1	49.7



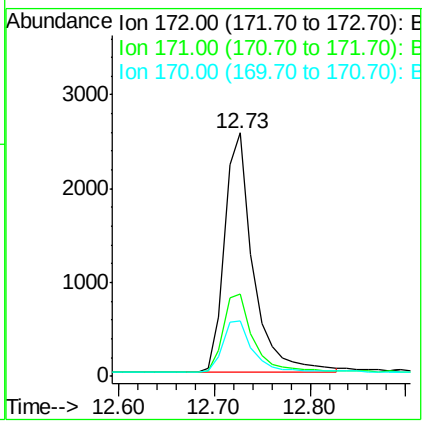


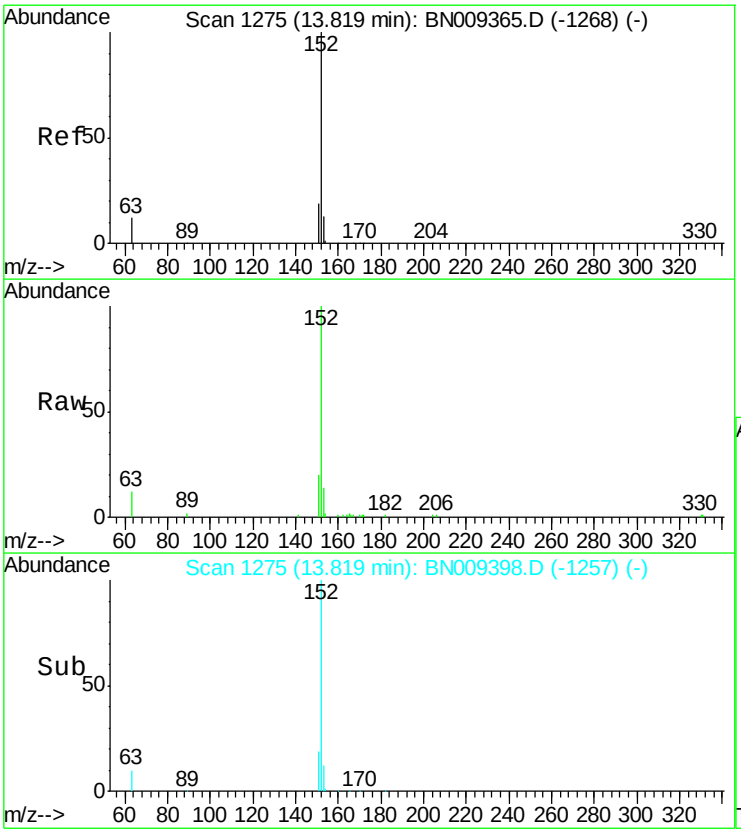
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.73 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5296

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.5	44.3
170	22.8	20.7	31.1

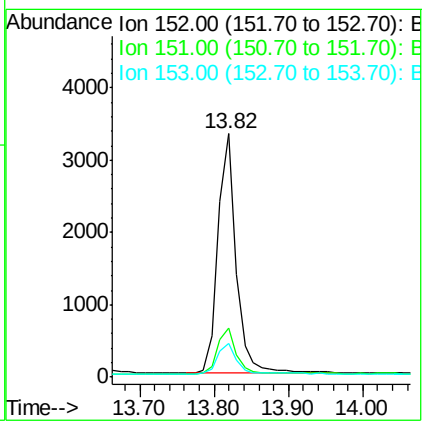


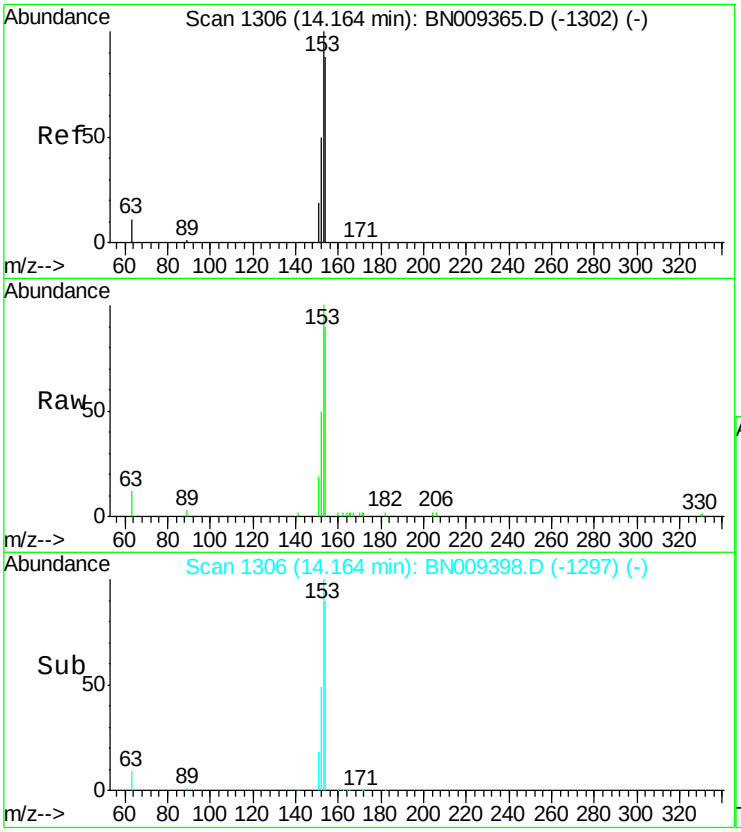


#16
Acenaphthylene
Concen: 0.359 ng
RT: 13.82 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:152 Resp: 5683

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	13.0	10.4	15.6



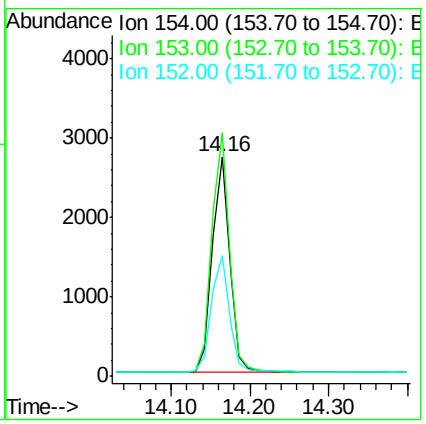


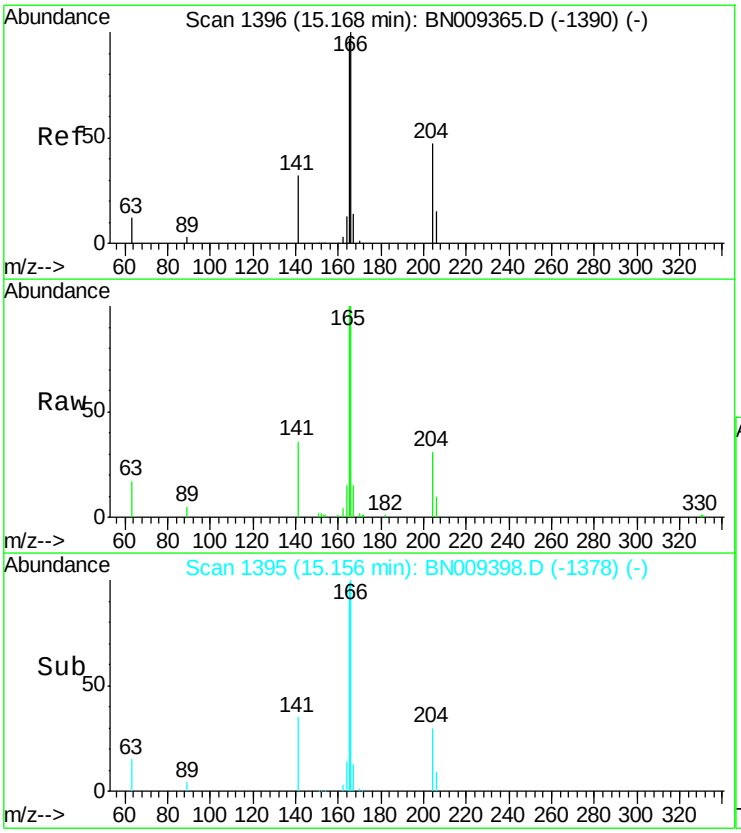
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 4224

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.5	135.7
152	55.4	45.3	67.9

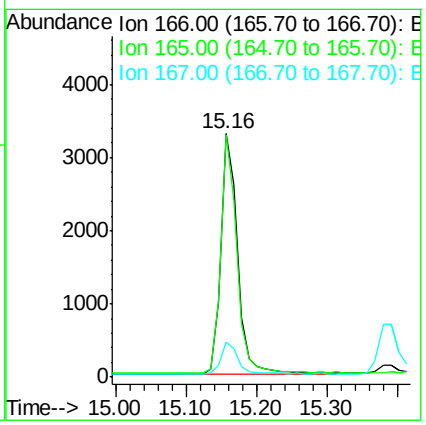


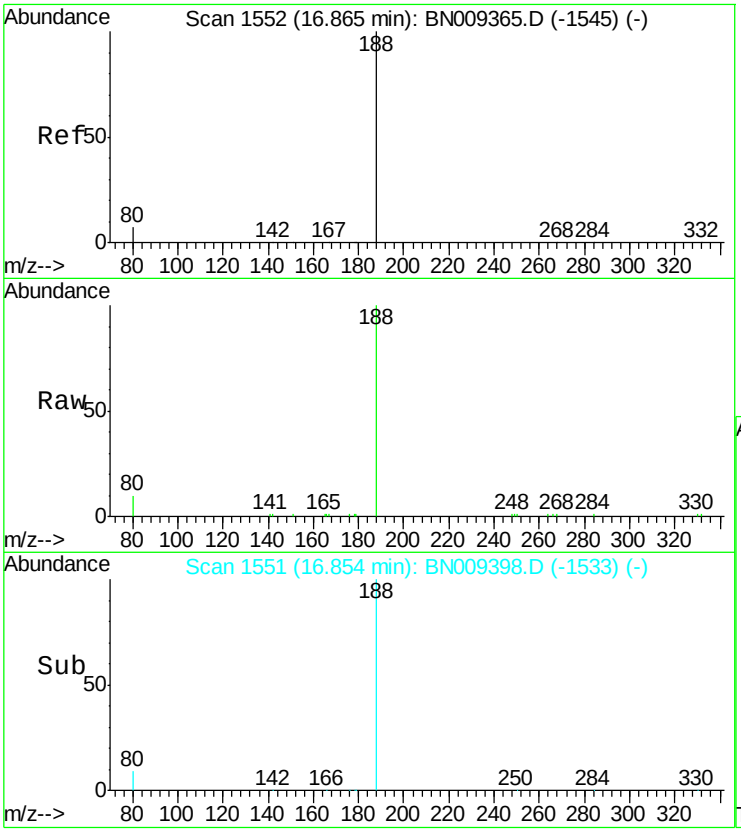


#18
Fluorene
Concen: 0.378 ng
RT: 15.16 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:166 Resp: 5482

Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.2	117.2
167	13.2	11.0	16.6



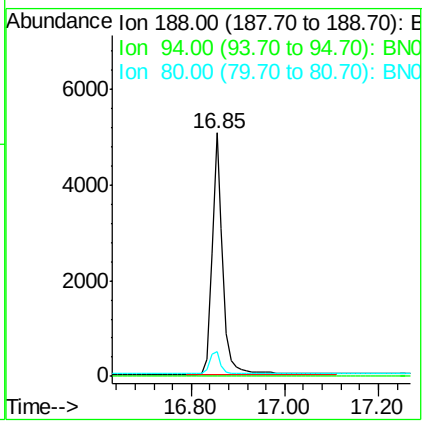


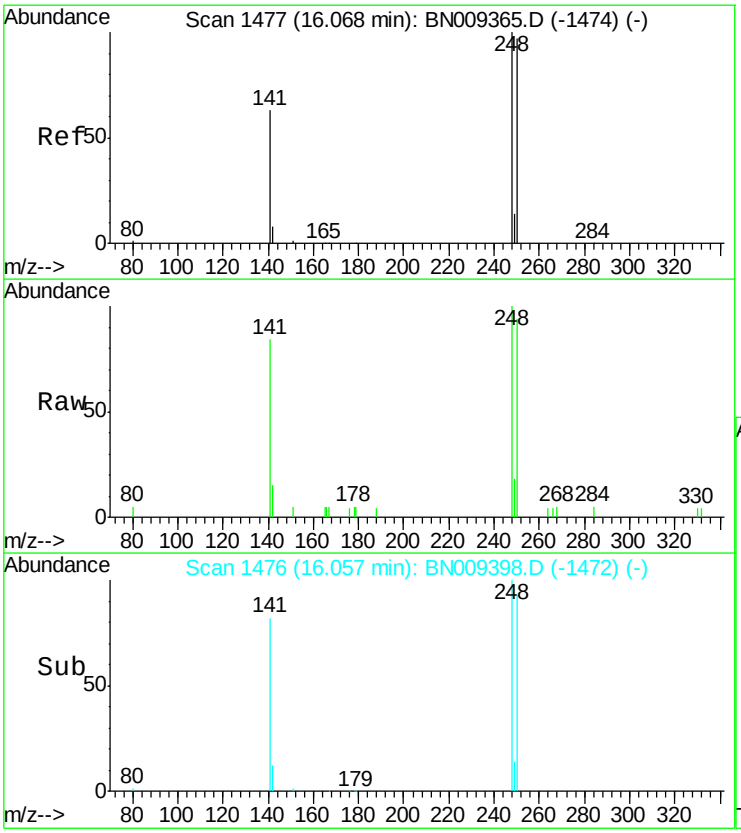
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.85 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 8199

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

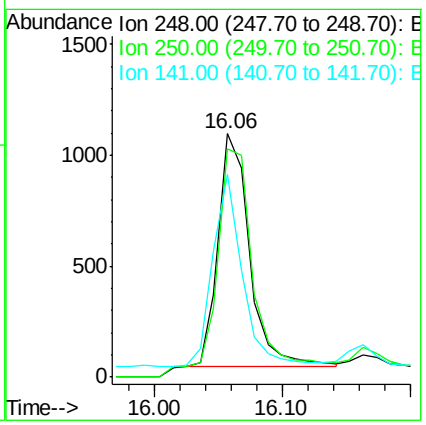


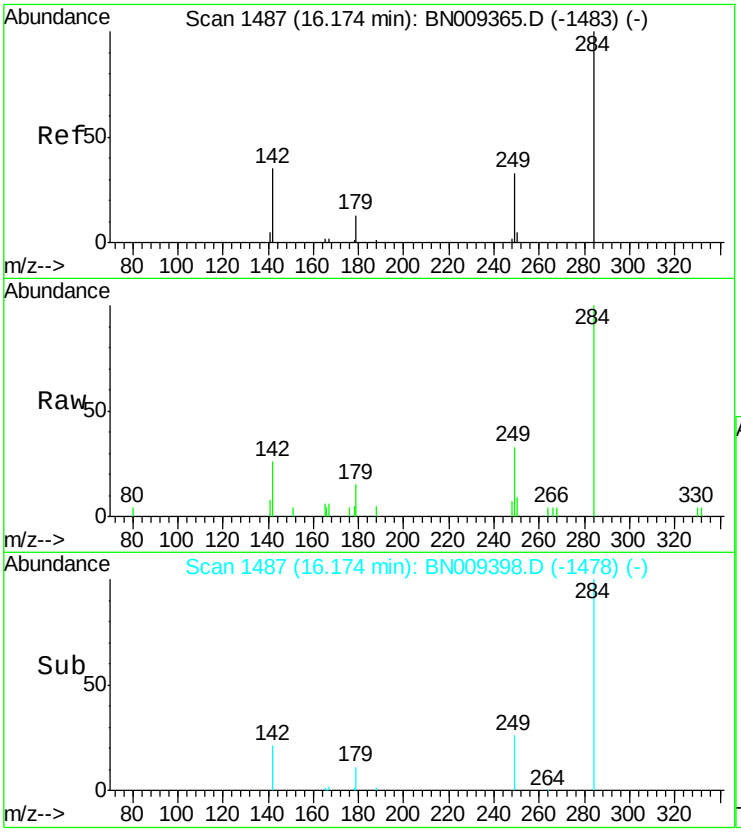


#20
4-Bromophenyl-phenylether
Concen: 0.366 ng
RT: 16.06 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:248 Resp: 1807

Ion	Ratio	Lower	Upper
248	100		
250	93.5	77.8	116.8
141	83.5	53.4	80.0#



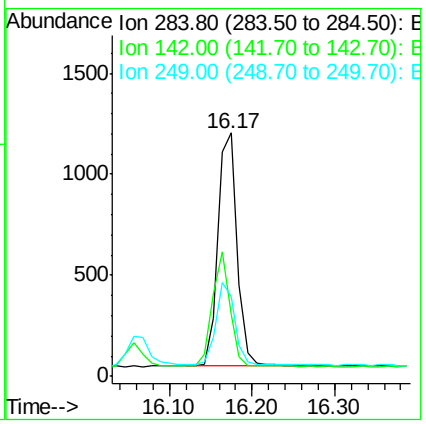


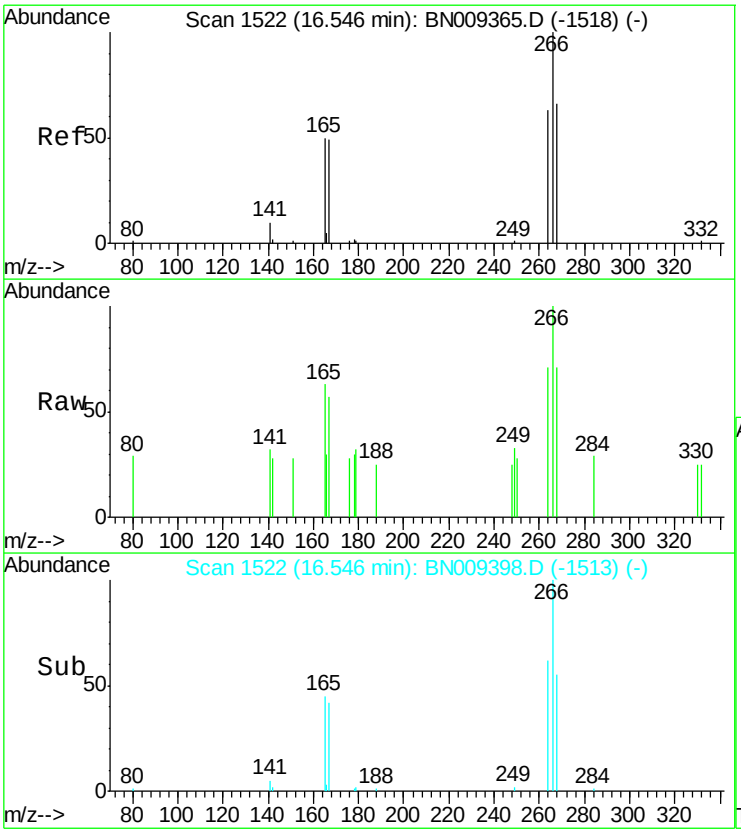
#21
Hexachlorobenzene
Concen: 0.364 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 1915

Ion	Ratio	Lower	Upper
284	100		
142	44.4	33.8	50.8
249	33.7	27.0	40.4

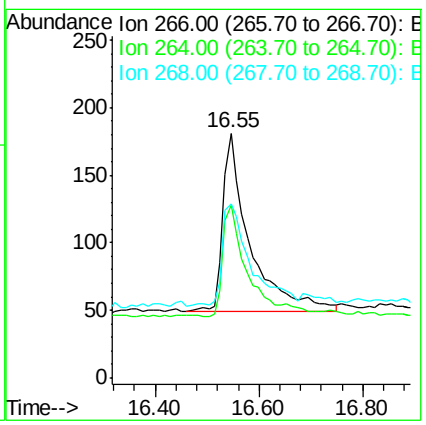


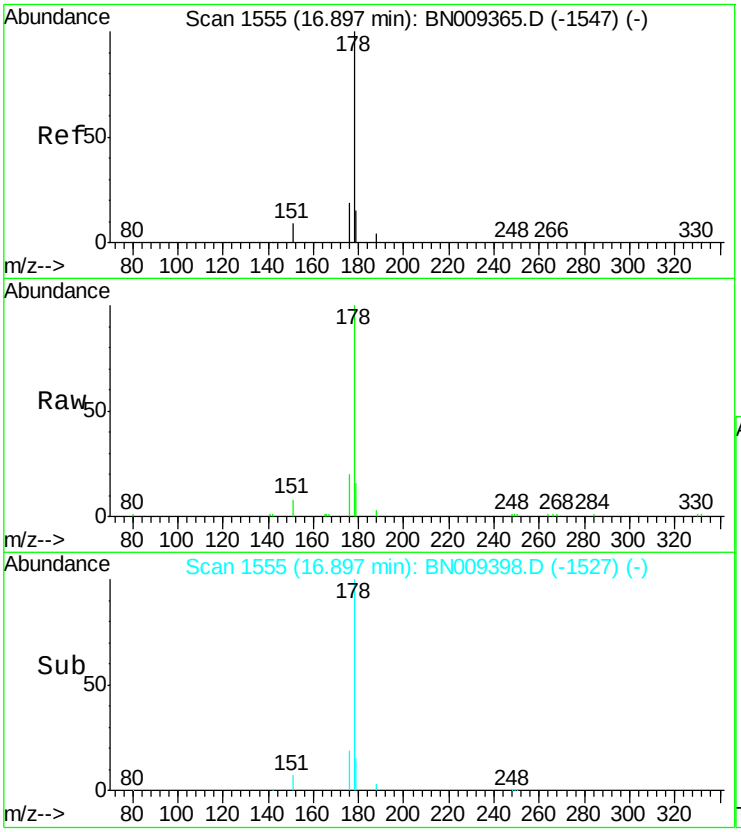


#22
Pentachlorophenol
Concen: 0.403 ng
RT: 16.55 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:266 Resp: 475

Ion	Ratio	Lower	Upper
266	100		
264	70.7	57.8	86.6
268	71.3	63.8	95.6



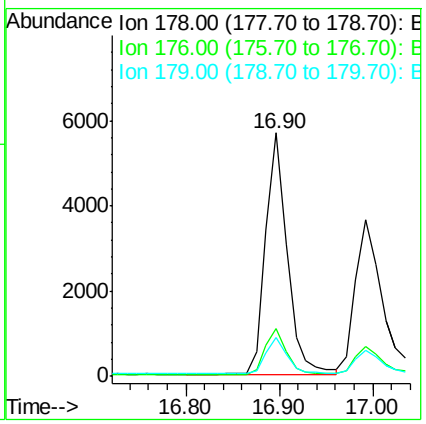


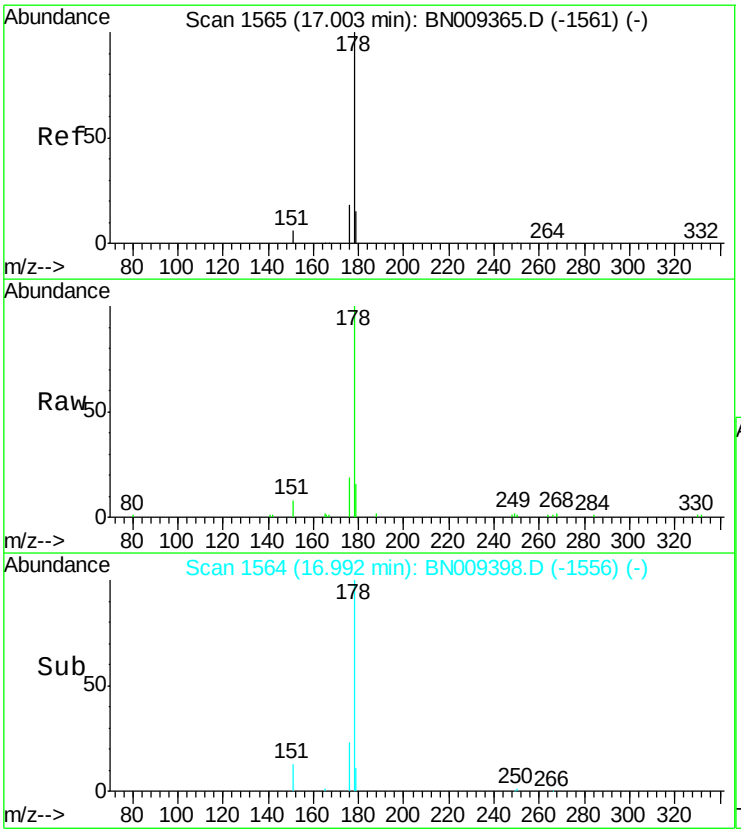
#23
Phenanthrene
Concen: 0.368 ng
RT: 16.90 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 9072

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.3	18.5

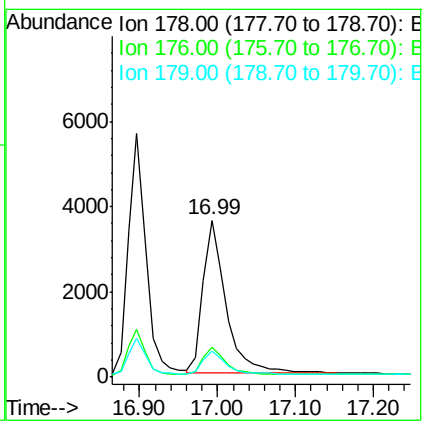


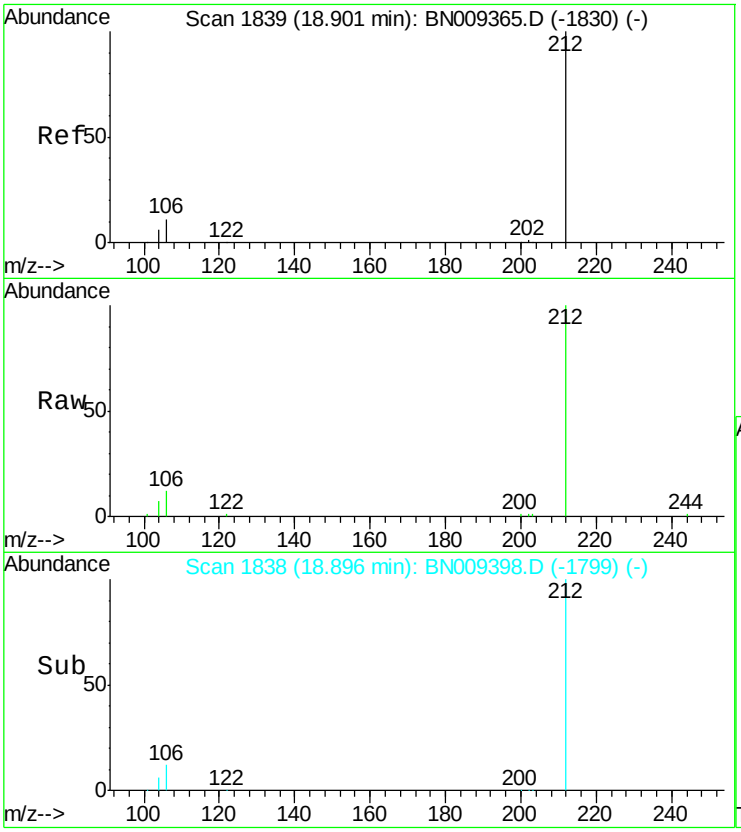


#24
Anthracene
Concen: 0.351 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:178 Resp: 7269

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.4	12.5	18.7



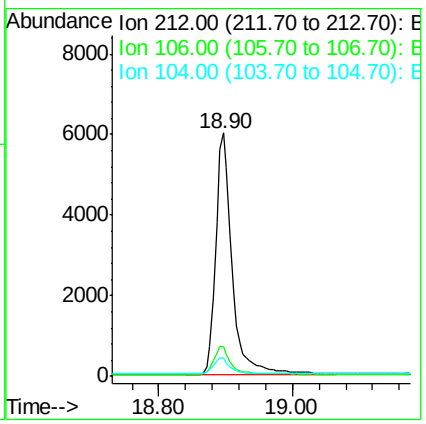


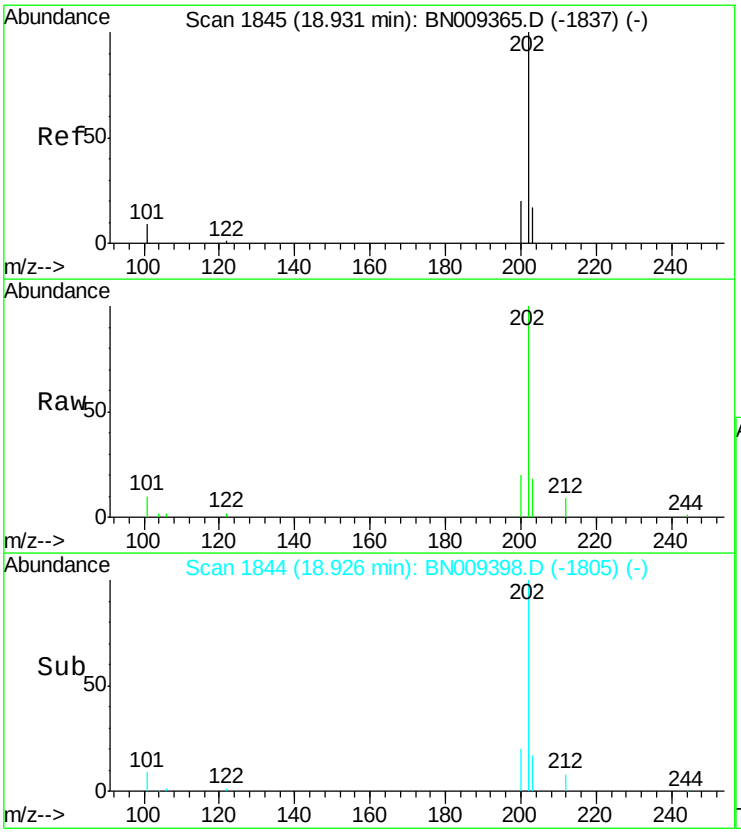
#25
Fluoranthene-d10
Concen: 0.364 ng
RT: 18.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 10234

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.2	13.8
104	6.4	5.4	8.0

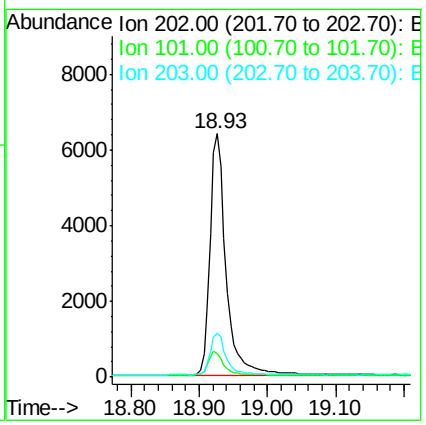


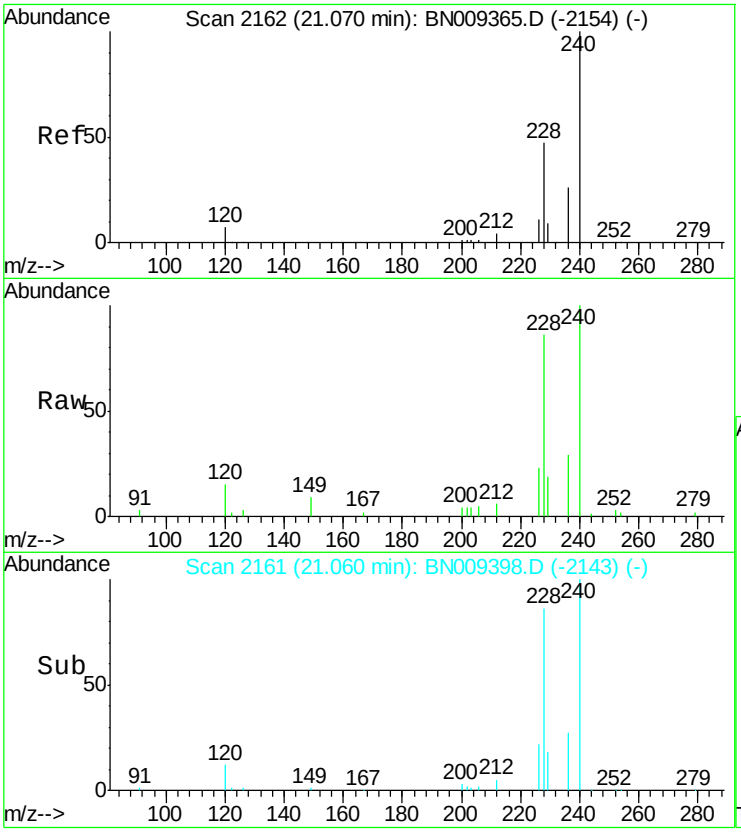


#26
Fluoranthene
Concen: 0.364 ng
RT: 18.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:202 Resp: 10513

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.0	12.0
203	16.9	13.5	20.3



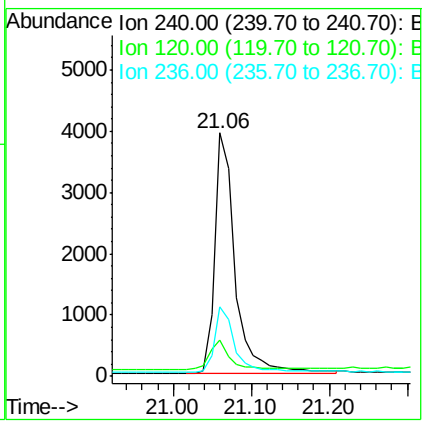


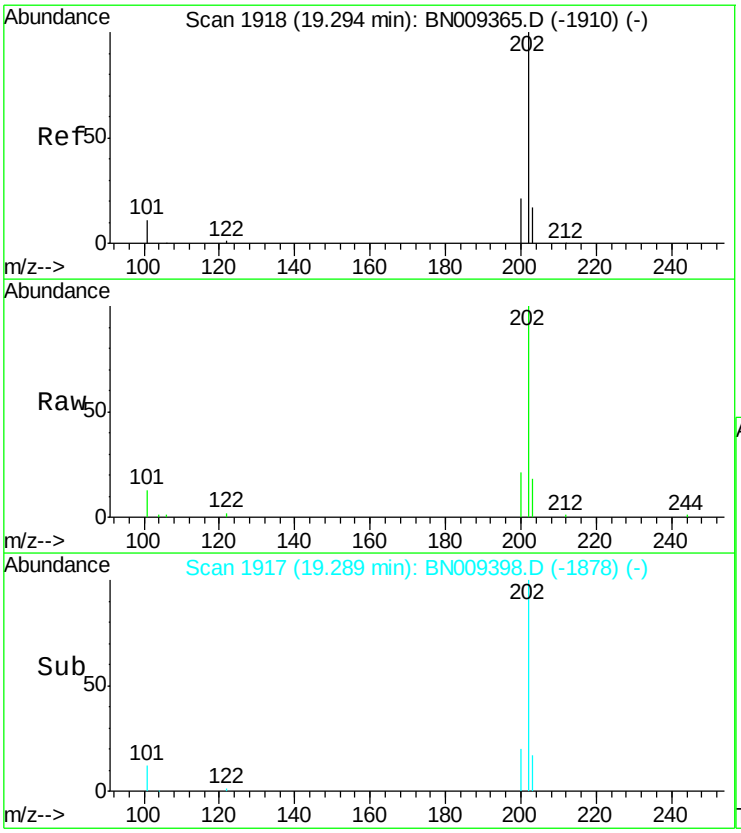
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.06 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 7120

Ion	Ratio	Lower	Upper
240	100		
120	14.8	8.1	12.1#
236	28.8	22.2	33.4

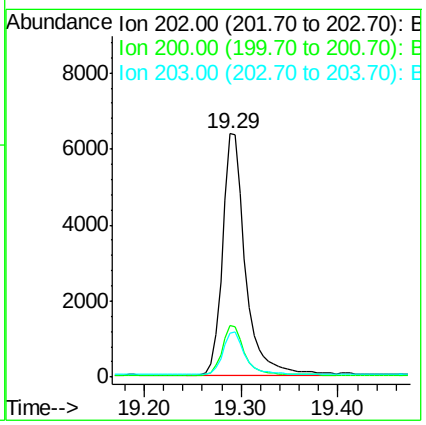


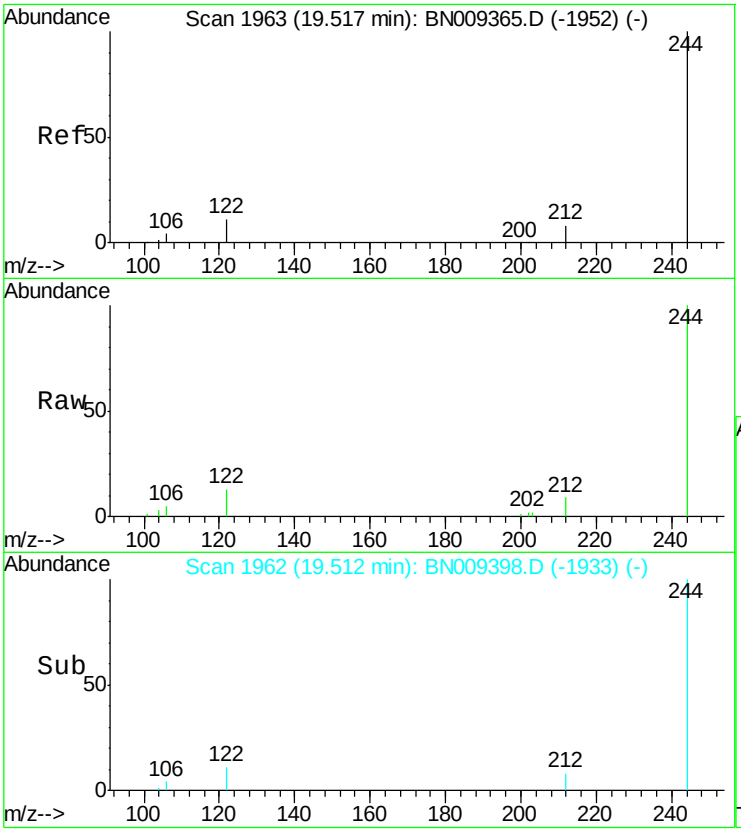


#28
Pyrene
Concen: 0.385 ng
RT: 19.29 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:202 Resp: 10392

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.2
203	17.6	14.1	21.1



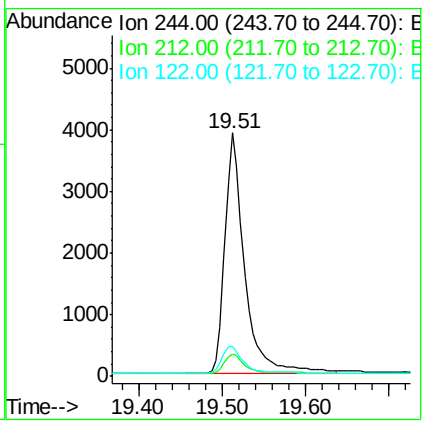


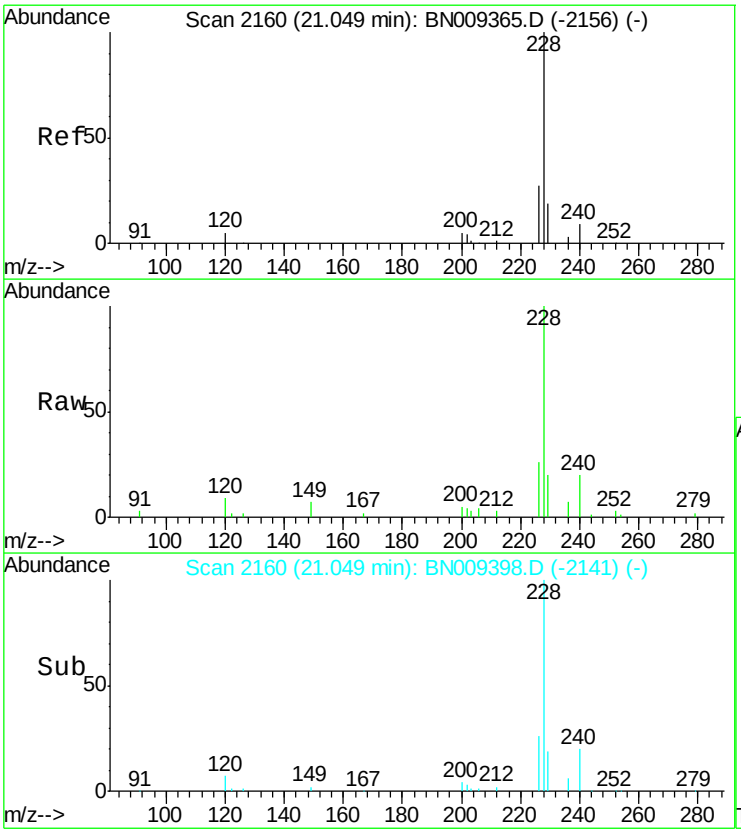
#29
Terphenyl-d14
Concen: 0.381 ng
RT: 19.51 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 6434

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.5	11.3
122	12.5	9.8	14.6

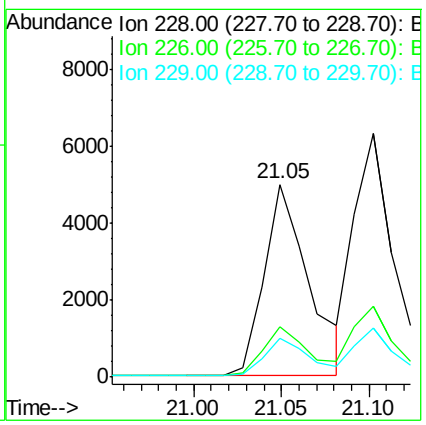


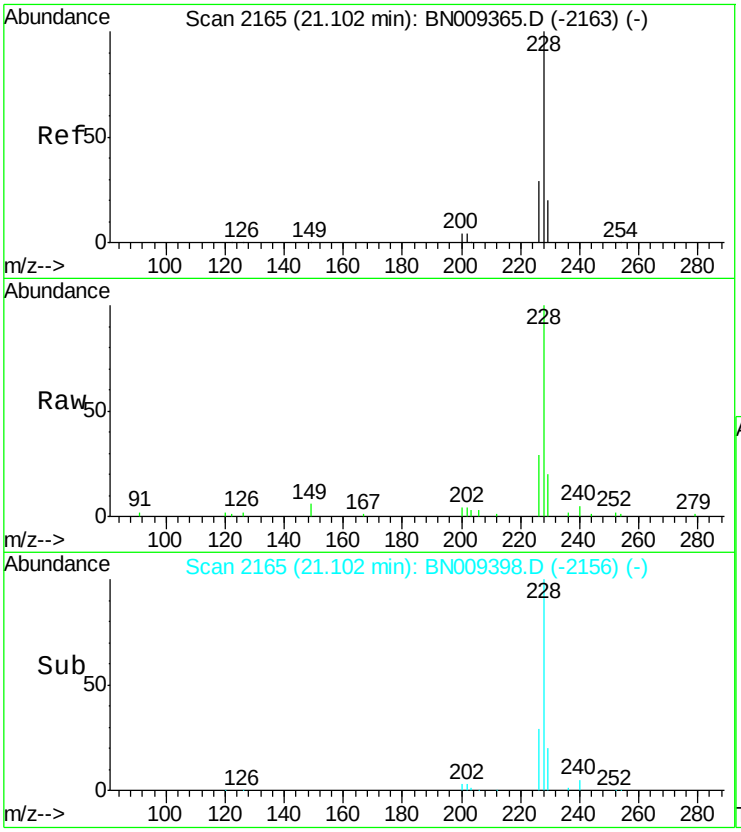


#30
Benzo(a)anthracene
Concen: 0.373 ng
RT: 21.05 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:228 Resp: 8733

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.5	33.7
229	20.1	16.1	24.1



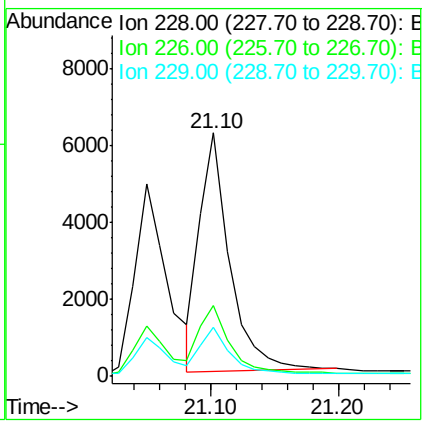


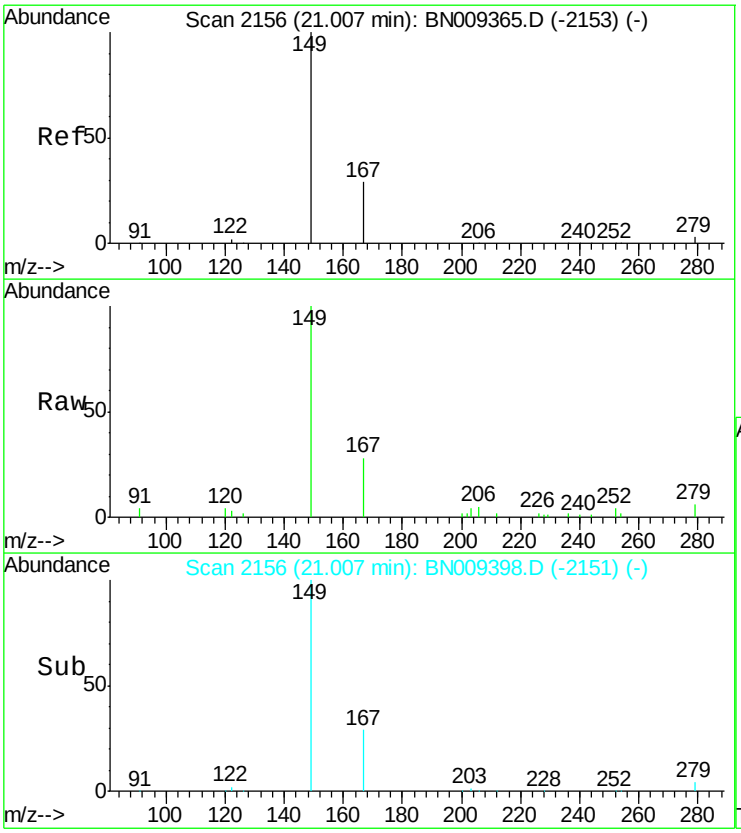
#31
Chrysene
Concen: 0.382 ng
RT: 21.10 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 10224

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.8
229	20.1	16.6	24.8

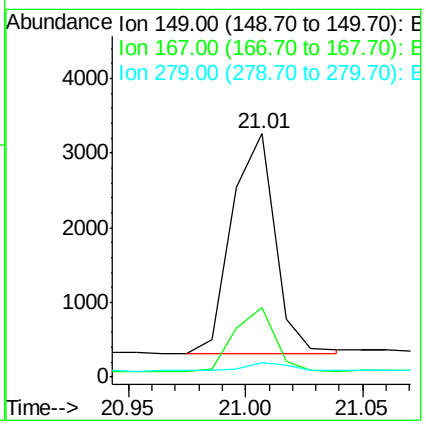


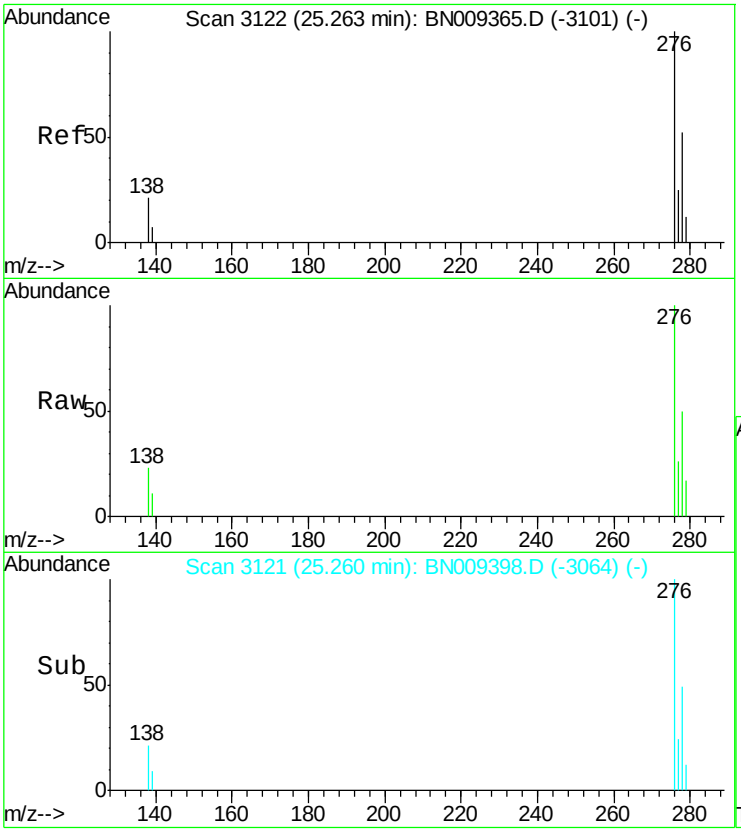


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.365 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:149 Resp: 3782

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.9	34.3
279	4.0	3.4	5.0



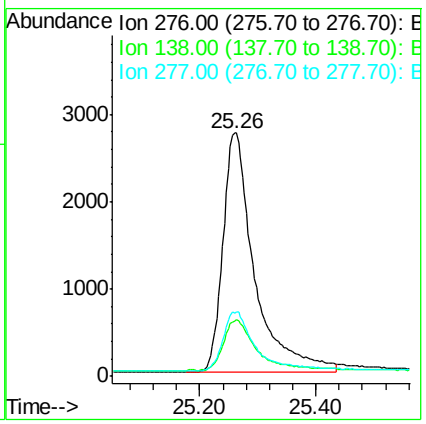


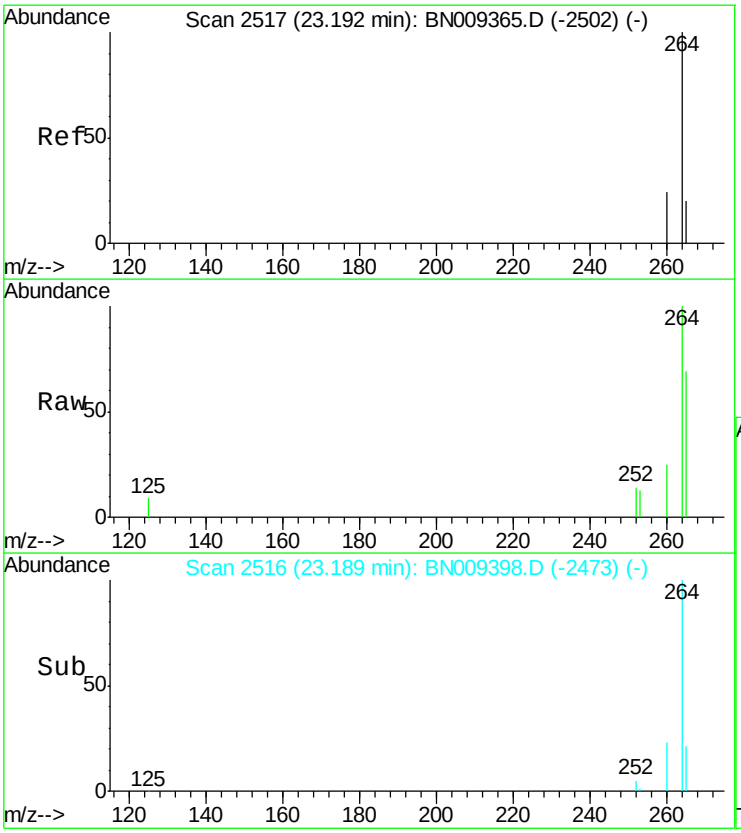
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng
RT: 25.26 min Scan# 3121
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 10401

Ion	Ratio	Lower	Upper
276	100		
138	20.7	15.9	23.9
277	25.0	19.8	29.6

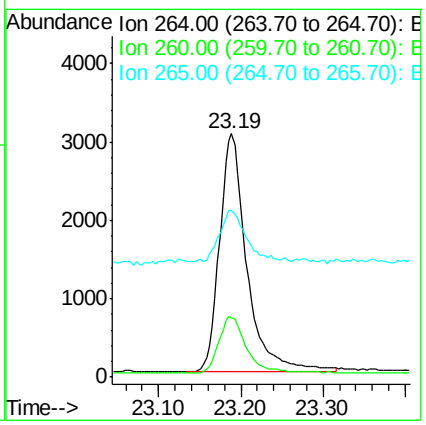


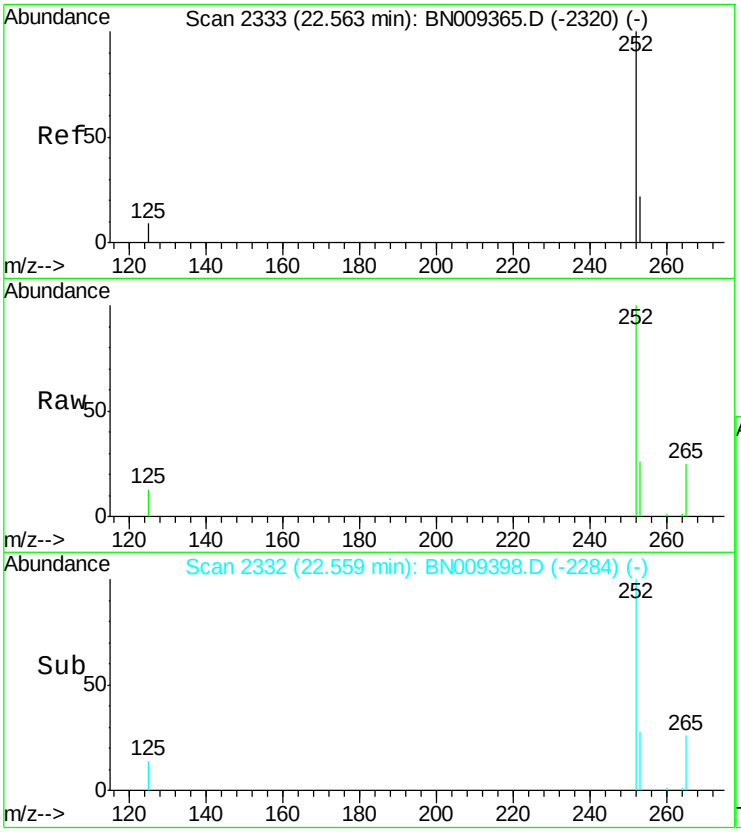


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:264 Resp: 7029

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	68.7	68.2	102.4



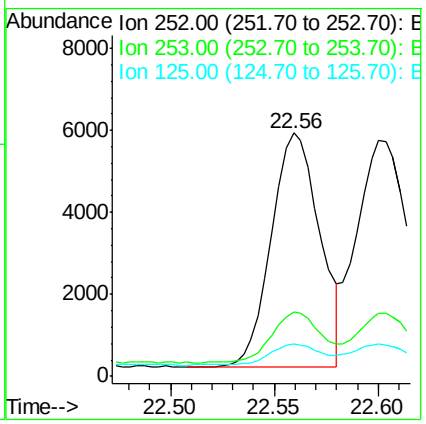


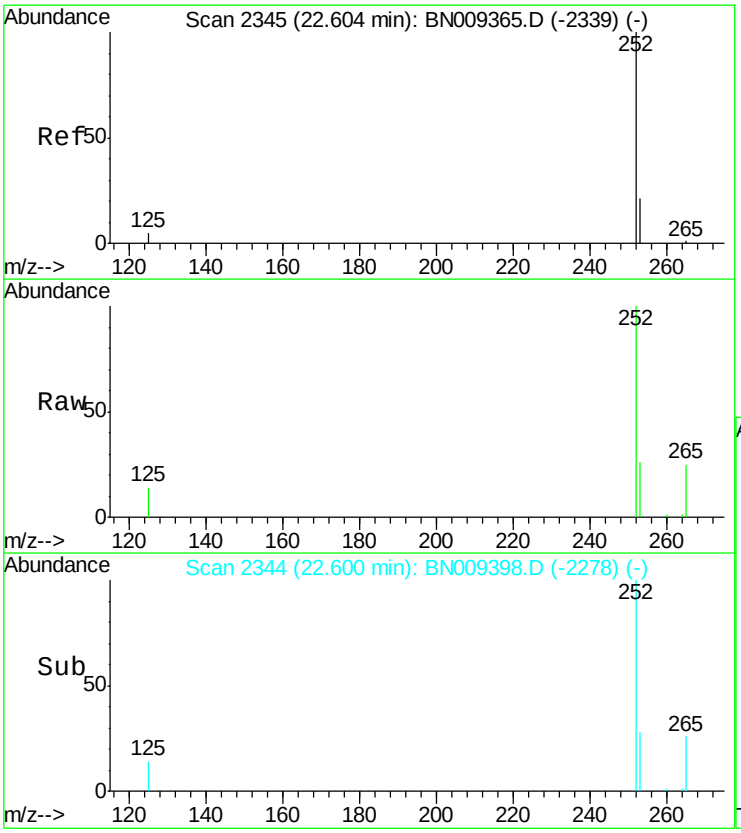
#35
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 22.56 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9243

Ion	Ratio	Lower	Upper
252	100		
253	26.4	22.4	33.6
125	13.2	11.6	17.4

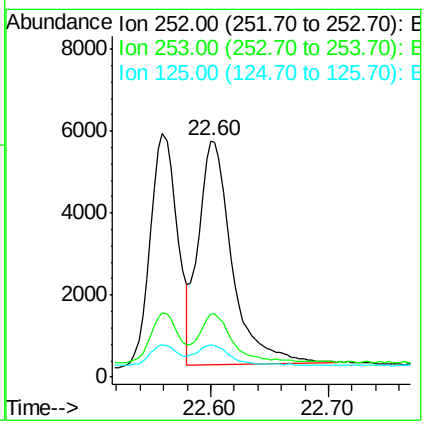


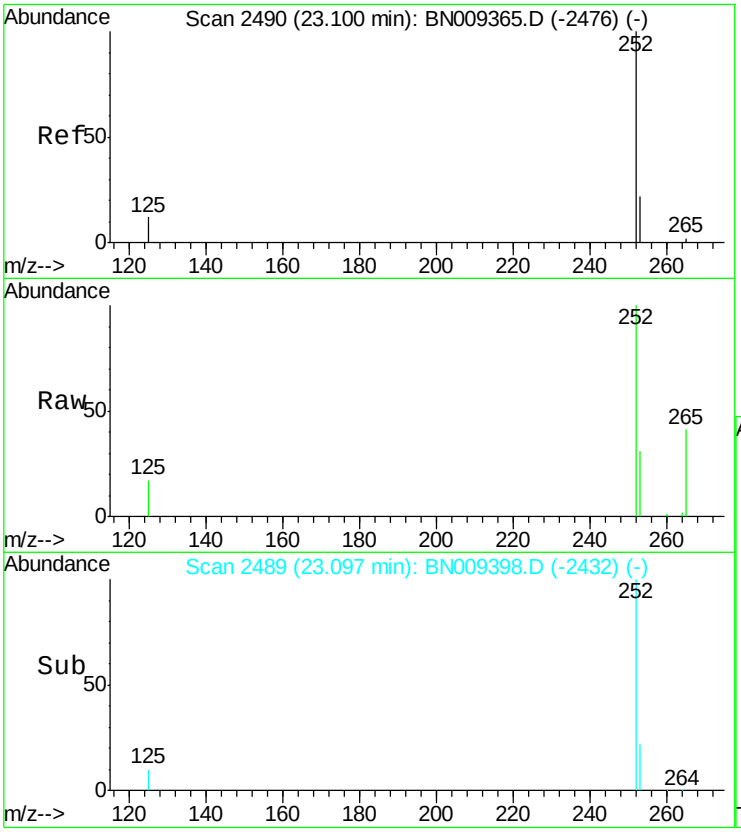


#36
Benzo(k)fluoranthene
Concen: 0.381 ng
RT: 22.60 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:252 Resp: 10886

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.9	32.9
125	13.7	12.0	18.0



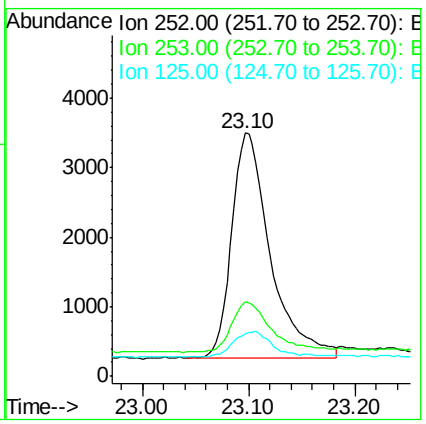


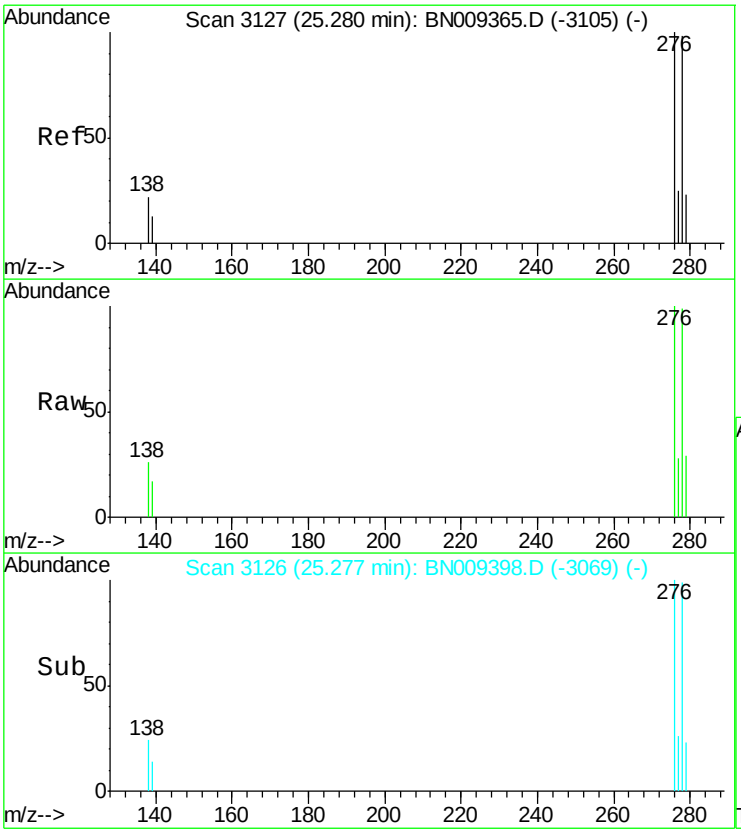
#37
Benzo(a)pyrene
Concen: 0.362 ng
RT: 23.10 min Scan# 2489
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8242

Ion	Ratio	Lower	Upper
252	100		
253	30.5	25.4	38.0
125	17.4	16.2	24.2

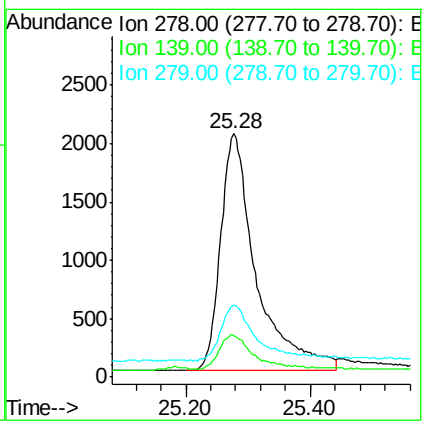


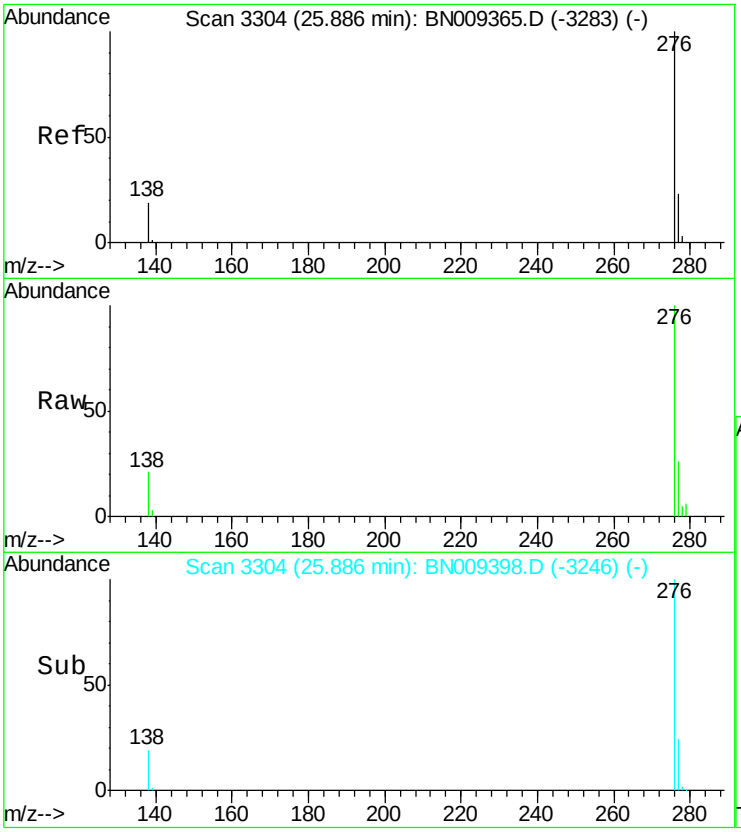


#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 25.28 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:278 Resp: 8131

Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.5	21.7
279	29.7	24.2	36.4





#39
Benzo(g,h,i)perylene
Concen: 0.368 ng
RT: 25.89 min Scan# 3304
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 9280

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.6	30.8
138	20.8	17.1	25.7