Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
Data File : BN008902.D
Acq On : 10 Dec 2019 12:38
Operator : JU
Sample : PB124706BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 10 15:04:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:02:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2681	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	9969	0.40	ng		0.00
13) Acenaphthene-d10	14.19	164	6864	0.40	ng		0.01
19) Phenanthrene-d10	16.93	188	17738	0.40	ng		0.00
27) Chrysene-d12	21.13	240	17957	0.40	ng		0.00
34) Perylene-d12	23.29	264	17809	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	2463	0.36	ng		0.00
5) Phenol-d6	6.75	99	3568	0.38	ng		0.00
8) Nitrobenzene-d5	8.71	82	2570	0.30	ng		0.01
11) 2-Methylnaphthalene-d10	11.92	152	5585	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	487	0.15	ng		0.00
15) 2-Fluorobiphenyl	12.81	172	8172	0.31	ng		0.00
25) Fluoranthene-d10	18.97	212	18832	0.35	ng		0.00
29) Terphenyl-d14	19.58	244	14148	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	17	0.007	ng	#	6
3) n-Nitrosodimethylamine	3.53	42	95	0.027	ng	#	73
6) bis(2-Chloroethyl)ether	7.02	93	31	0.003	ng	#	38
9) Naphthalene	10.37	128	275	0.010	ng	#	30
10) Hexachlorobutadiene	10.66	225	2	0.000	ng	#	1
12) 2-Methylnaphthalene	11.99	142	176	0.009	ng	#	68
16) Acenaphthylene	13.90	152	274	0.009	ng	#	89
17) Acenaphthene	14.25	154	207	0.010	ng		93
18) Fluorene	15.25	166	287	0.010	ng		97
20) 4-Bromophenyl-phenylether	16.12	248	2	0.000	ng	#	55
21) Hexachlorobenzene	16.21	284	5	0.000	ng	#	1
22) Pentachlorophenol	16.61	266	21	0.005	ng	#	61
23) Phenanthrene	16.97	178	422	0.008	ng	#	77
24) Anthracene	17.07	178	298	0.006	ng	#	94
26) Fluoranthene	19.00	202	448	0.007	ng	#	90
28) Pyrene	19.37	202	425	0.007	ng		96
30) Benzo(a)anthracene	21.12	228	497	0.008	ng	#	74
31) Chrysene	21.17	228	401	0.006	ng	#	74
32) Bis(2-ethylhexyl)phthalate	21.08	149	162	0.005	ng	#	93
33) Indeno(1,2,3-cd)pyrene	25.41	276	388	0.006	ng	#	90
35) Benzo(b)fluoranthene	22.65	252	470	0.007	ng	#	1
36) Benzo(k)fluoranthene	22.69	252	422	0.007	ng	#	1
37) Benzo(a)pyrene	23.19	252	355	0.006	ng	#	1
38) Dibenzo(a,h)anthracene	25.42	278	330	0.006	ng	#	1
39) Benzo(g,h,i)perylene	26.04	276	341	0.006	ng	#	1

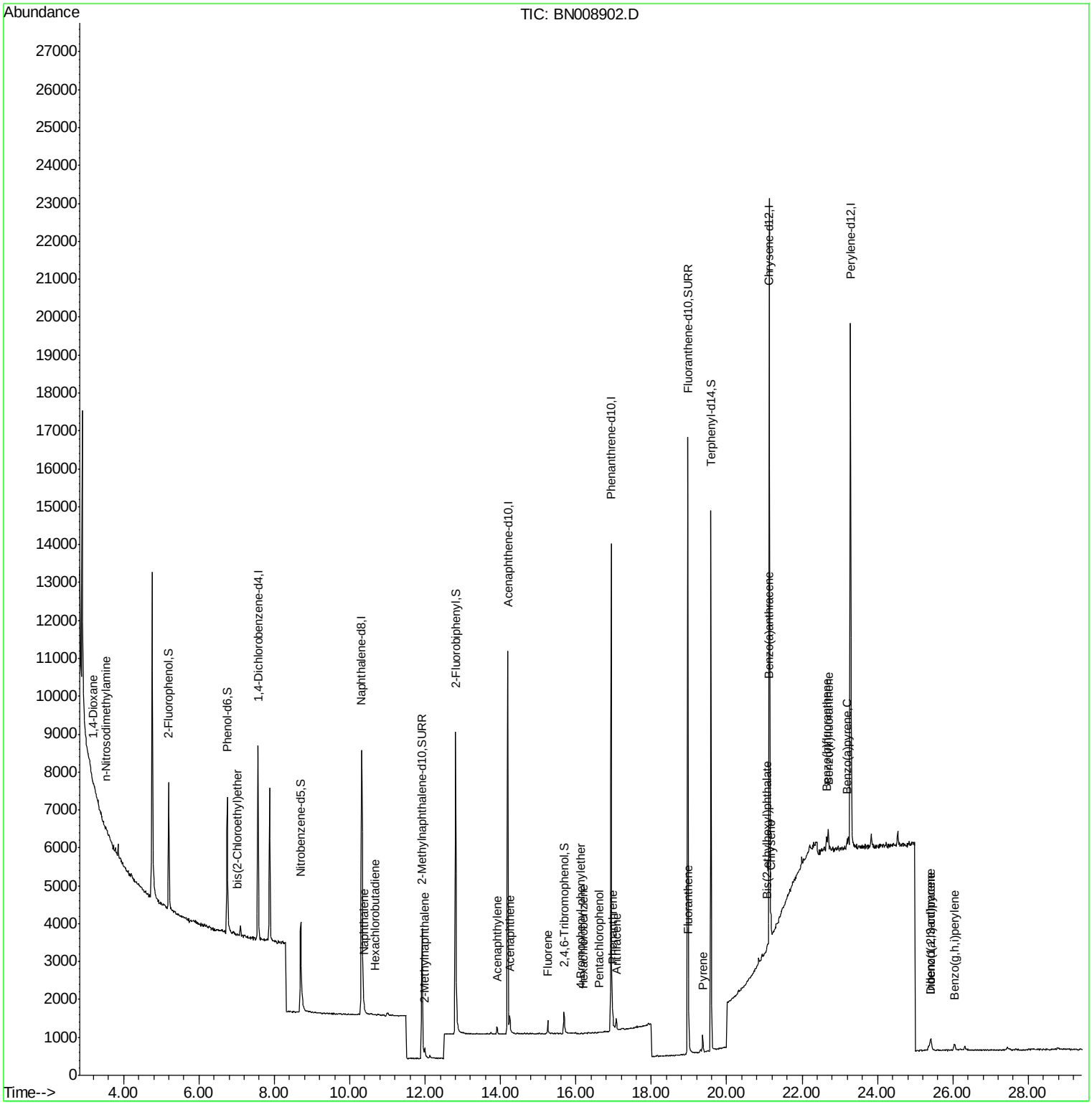
(#) = qualifier out of range (m) = manual integration (+) = signals summed

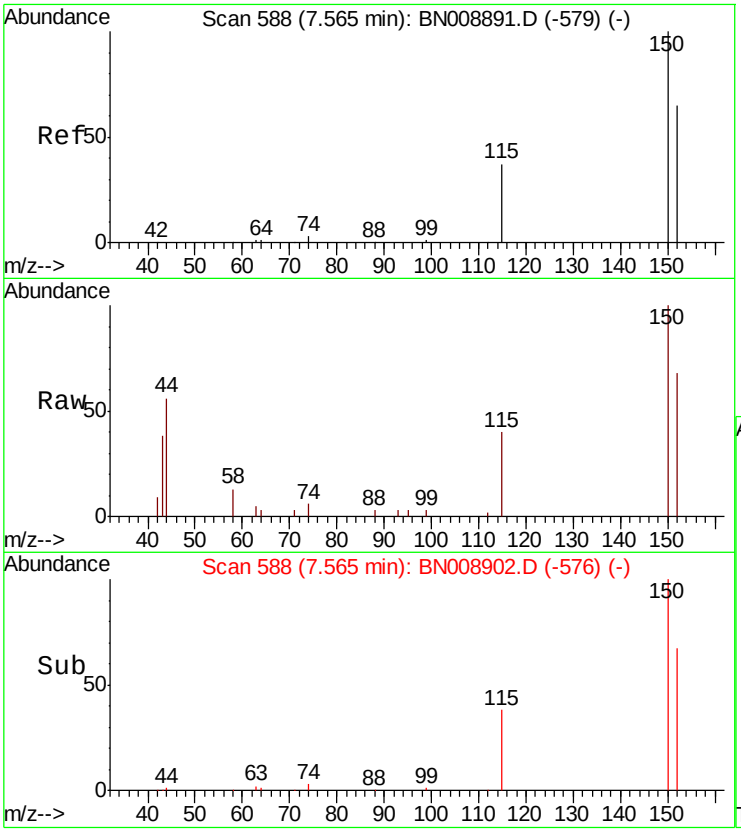
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
Data File : BN008902.D
Acq On : 10 Dec 2019 12:38
Operator : JU
Sample : PB124706BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 10 15:04:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:02:53 2019
Response via : Initial Calibration



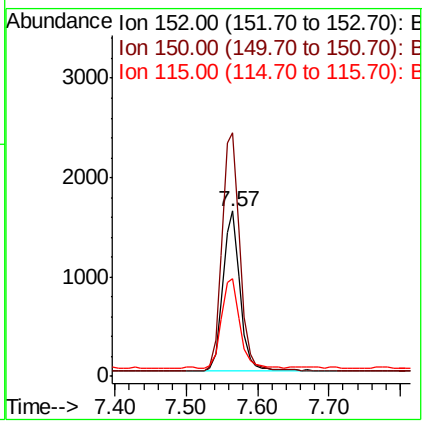


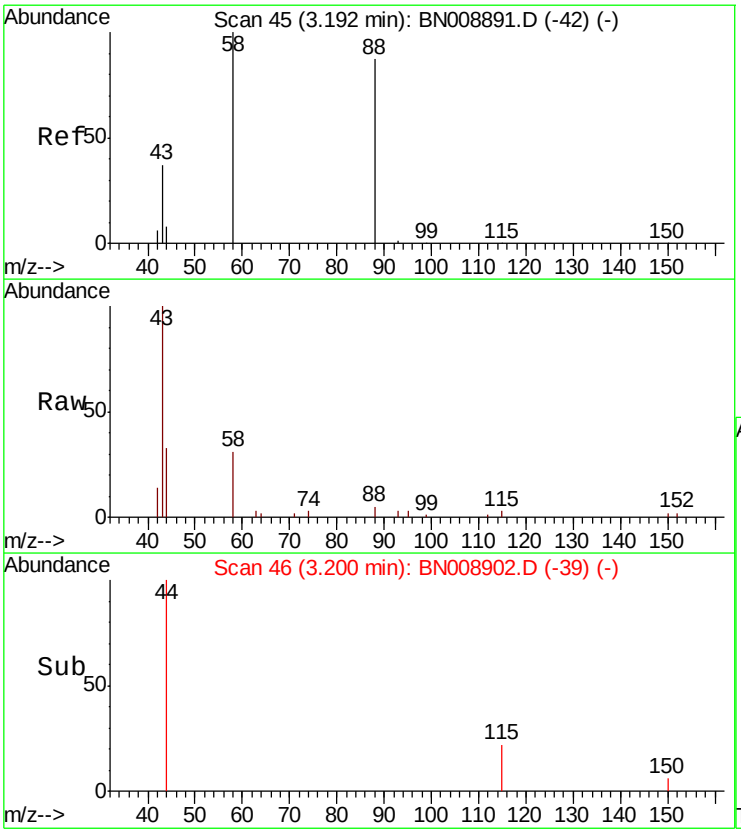
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2681

Ion	Ratio	Lower	Upper
152	100		
150	147.4	122.3	183.5
115	59.3	48.4	72.6

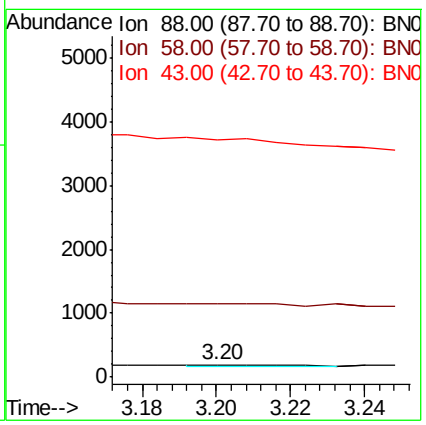


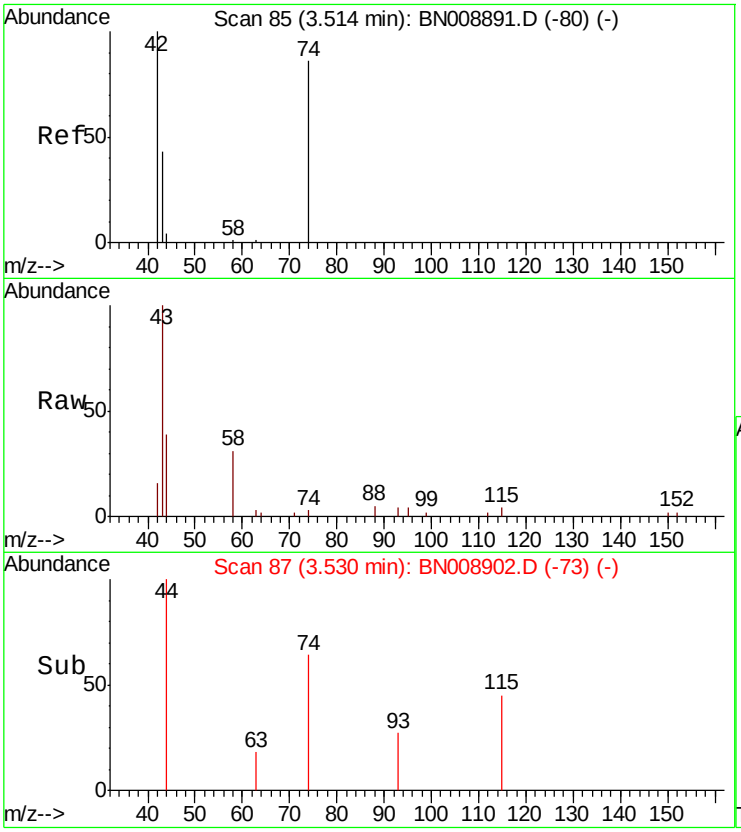


#2
1,4-Dioxane
Concen: 0.007 ng
RT: 3.20 min Scan# 46
Delta R.T. 0.01 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion: 88 Resp: 17

Ion	Ratio	Lower	Upper
88	100		
58	0.0	88.6	132.8#
43	0.0	31.8	47.8#



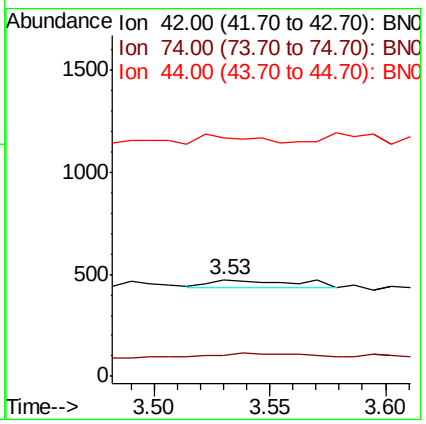


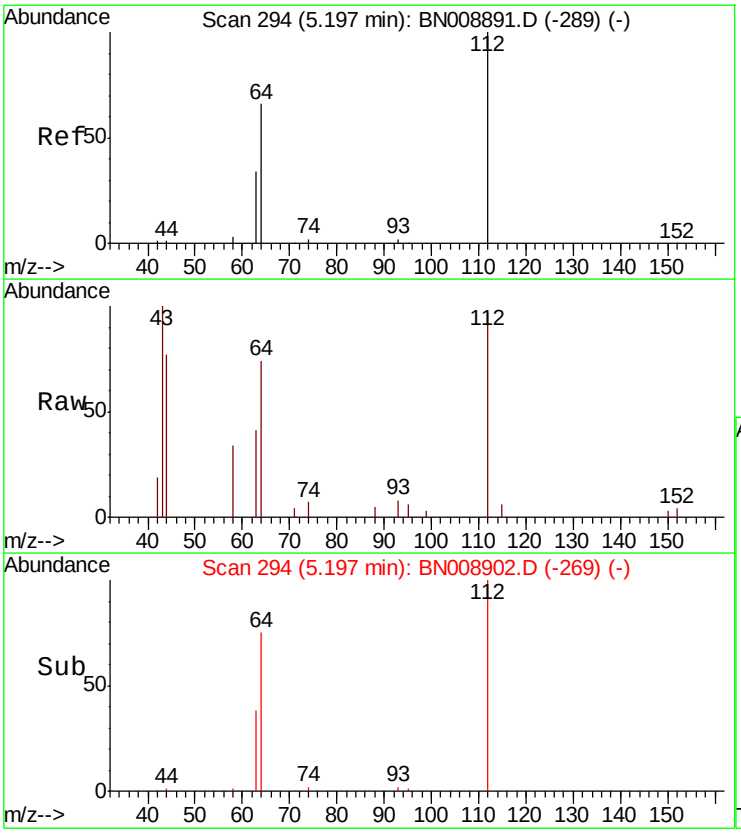
#3
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.53 min Scan# 87
Delta R.T. 0.02 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 95

Ion	Ratio	Lower	Upper
42	100		
74	71.6	78.6	117.8#
44	69.5	0.0	0.0#

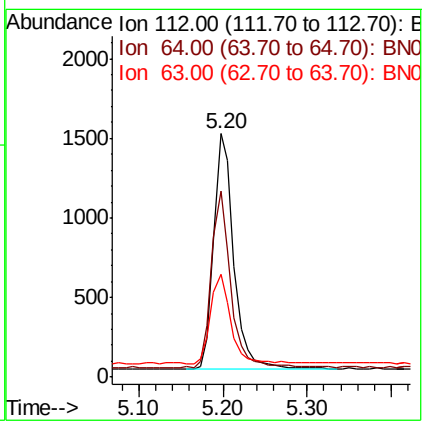


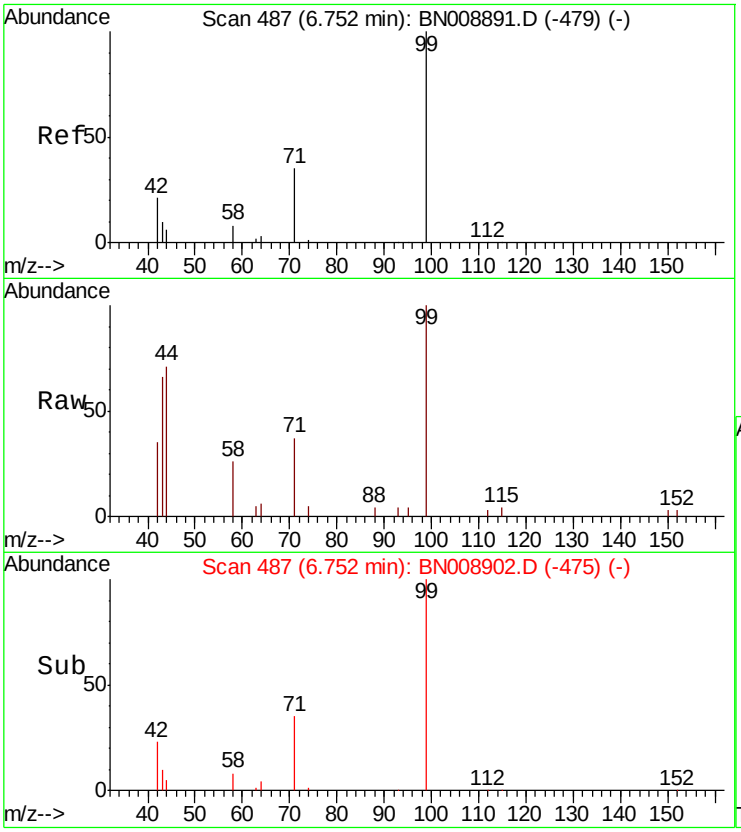


#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:112 Resp: 2463

Ion	Ratio	Lower	Upper
112	100		
64	70.9	57.7	86.5
63	37.8	29.6	44.4



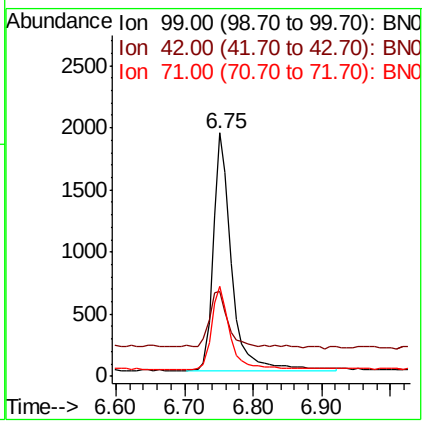


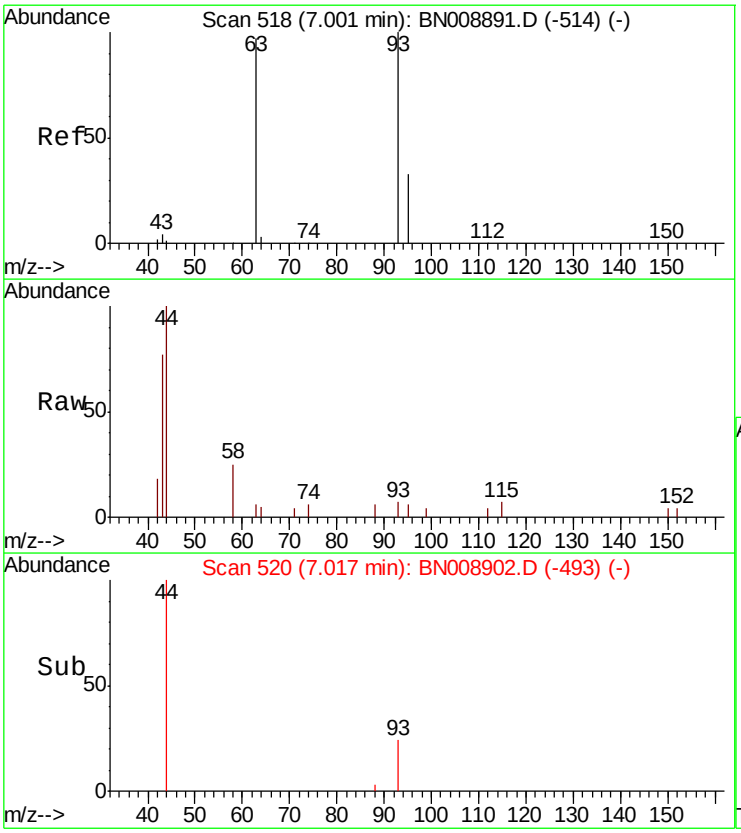
#5
Phenol-d6
Concen: 0.379 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3568

Ion	Ratio	Lower	Upper
99	100		
42	23.2	20.1	30.1
71	35.3	28.2	42.2

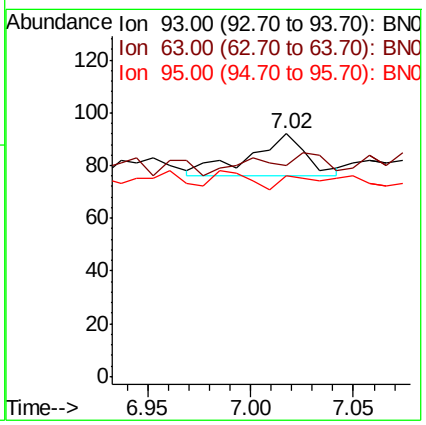


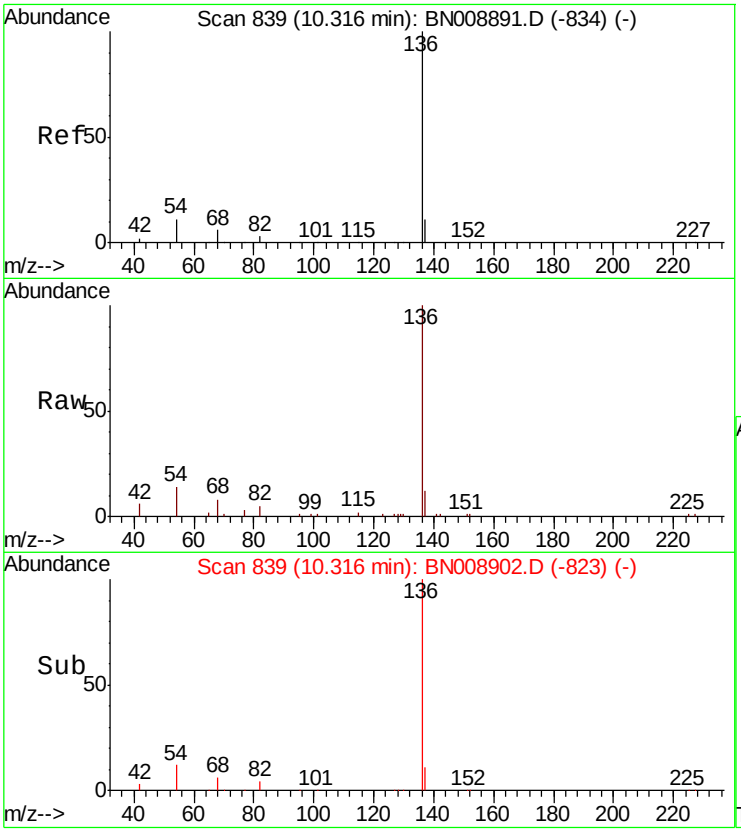


#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 7.02 min Scan# 520
Delta R.T. 0.02 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion: 93 Resp: 31

Ion	Ratio	Lower	Upper
93	100		
63	19.4	73.5	110.3#
95	19.4	26.0	39.0#



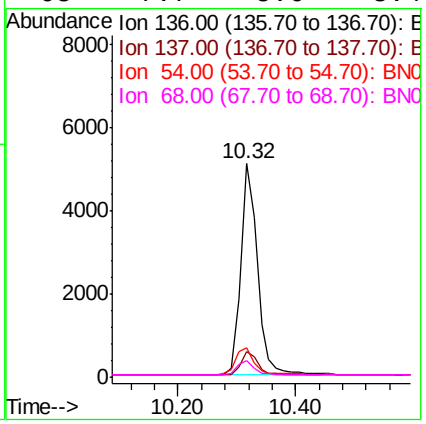


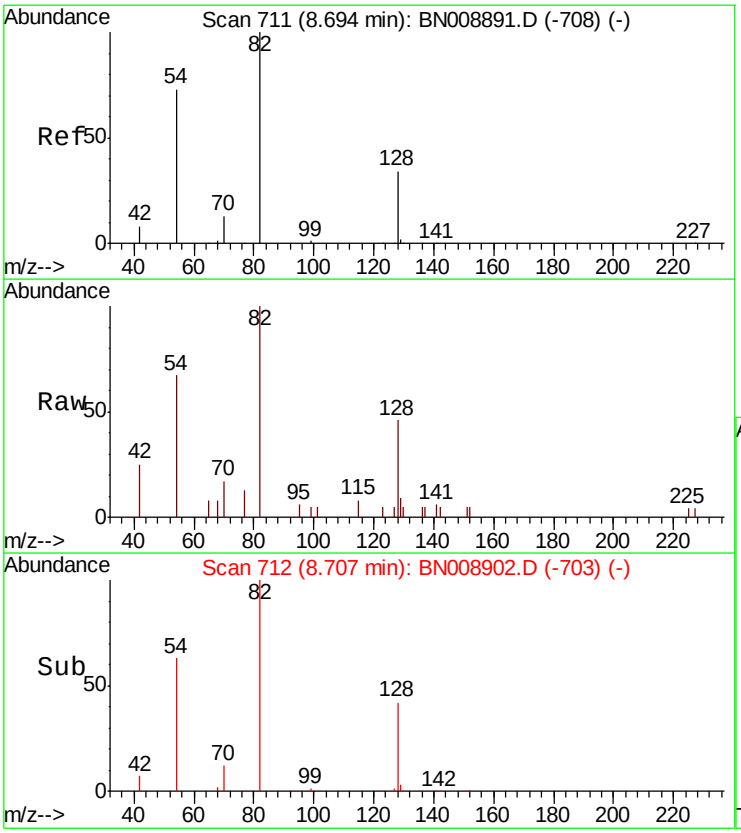
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.32 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 9969

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	13.6	9.6	14.4
68	7.7	5.6	8.4

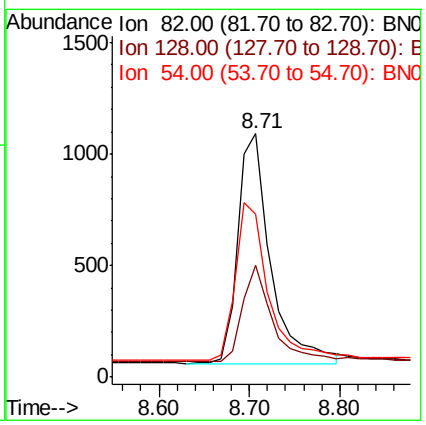


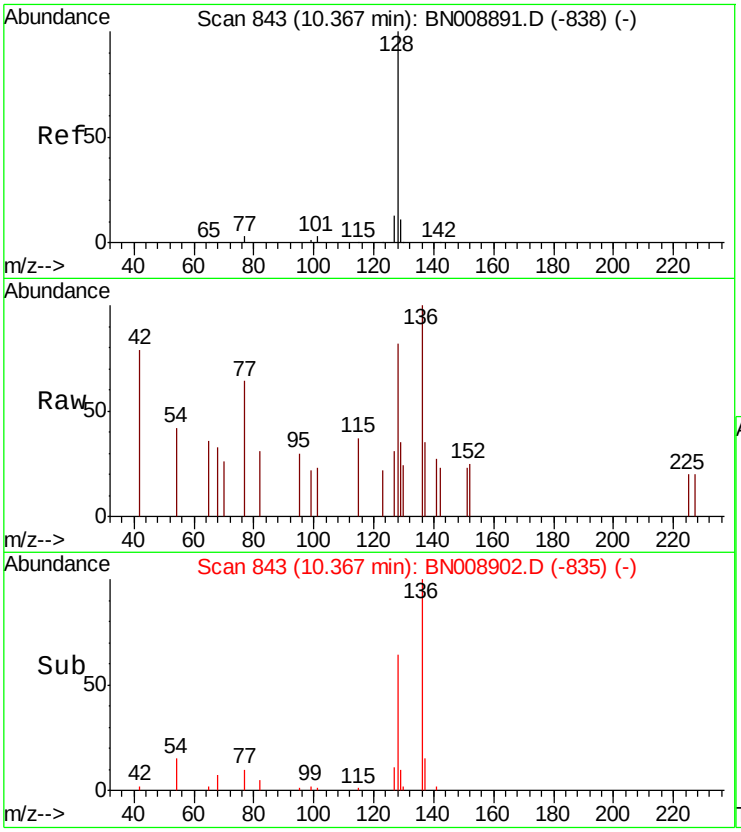


#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.71 min Scan# 712
Delta R.T. 0.01 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion: 82 Resp: 2570

Ion	Ratio	Lower	Upper
82	100		
128	46.1	29.1	43.7#
54	66.8	59.7	89.5



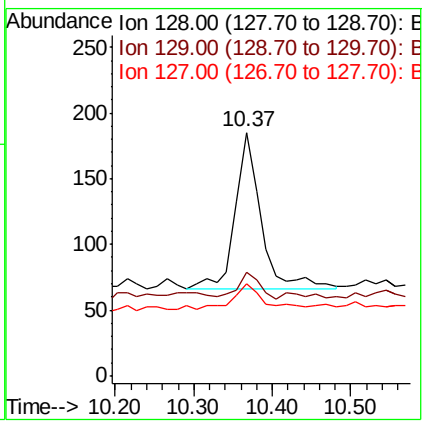


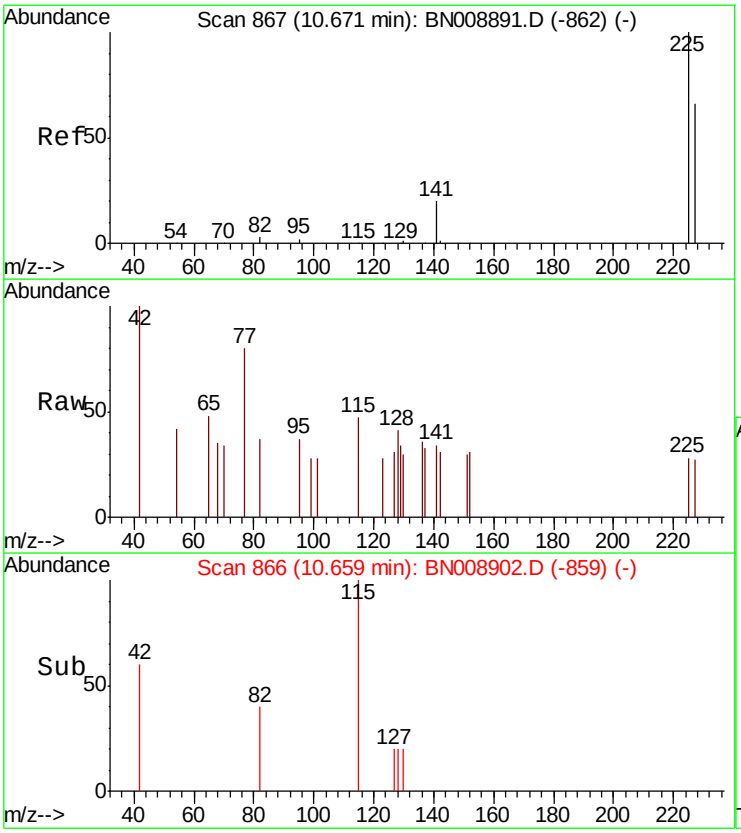
#9
Naphthalene
Concen: 0.010 ng
RT: 10.37 min Scan# 843
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 275

Ion	Ratio	Lower	Upper
128	100		
129	42.7	9.4	14.0#
127	37.8	10.8	16.2#

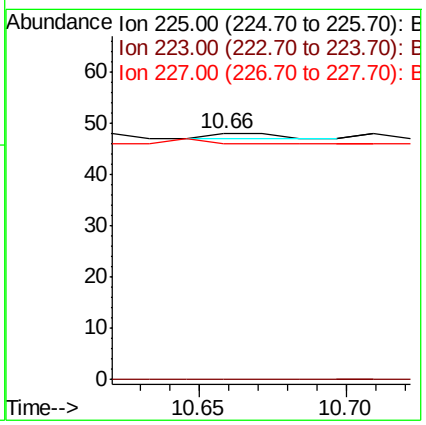


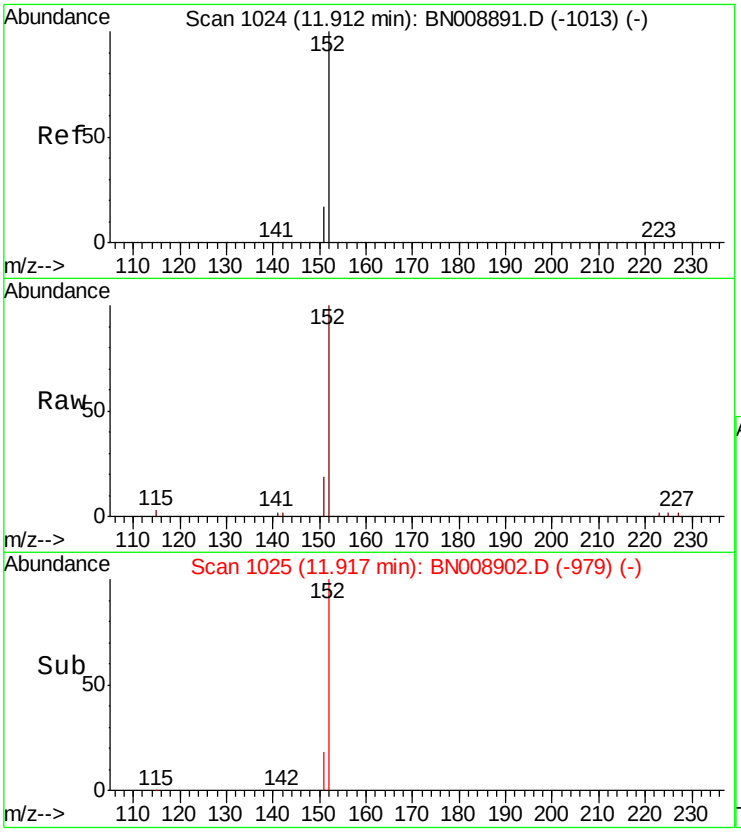


#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.66 min Scan# 866
Delta R.T. -0.01 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	650.0	51.4	77.2#



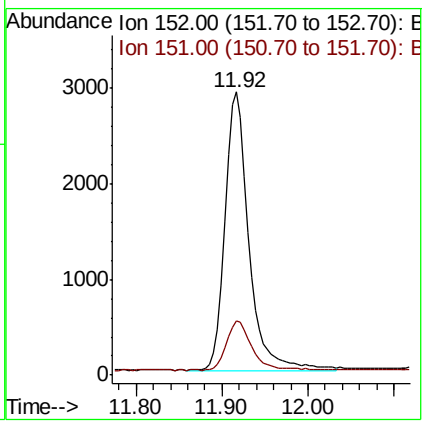


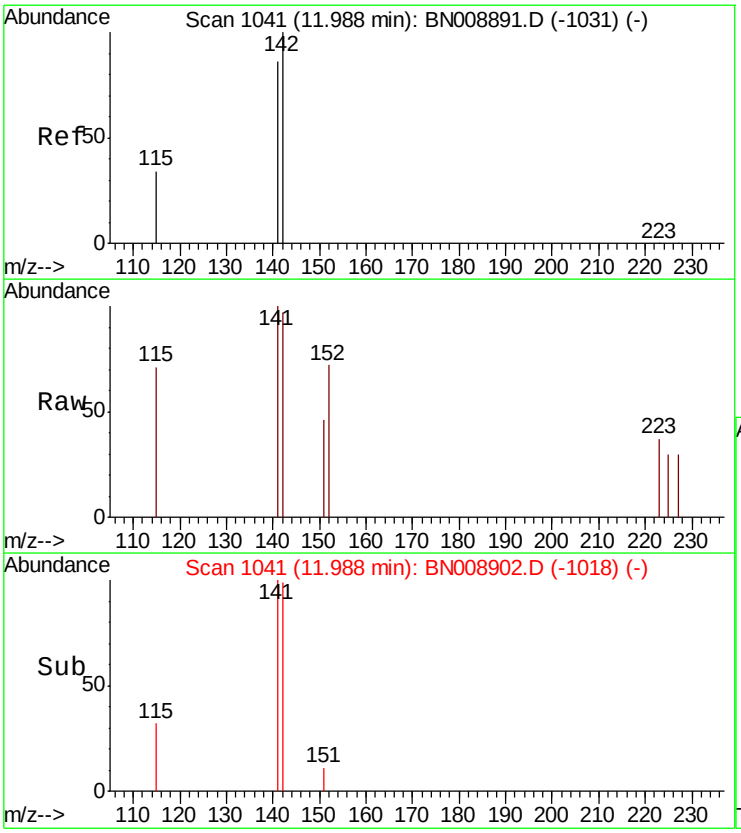
#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 11.92 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5585

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8

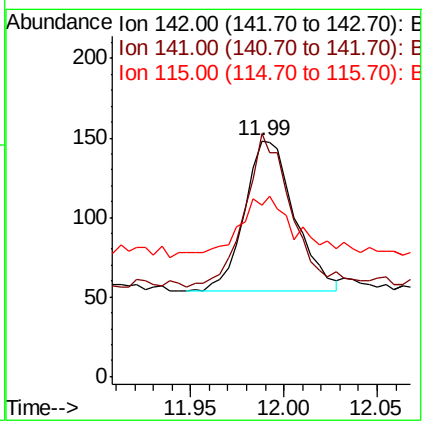


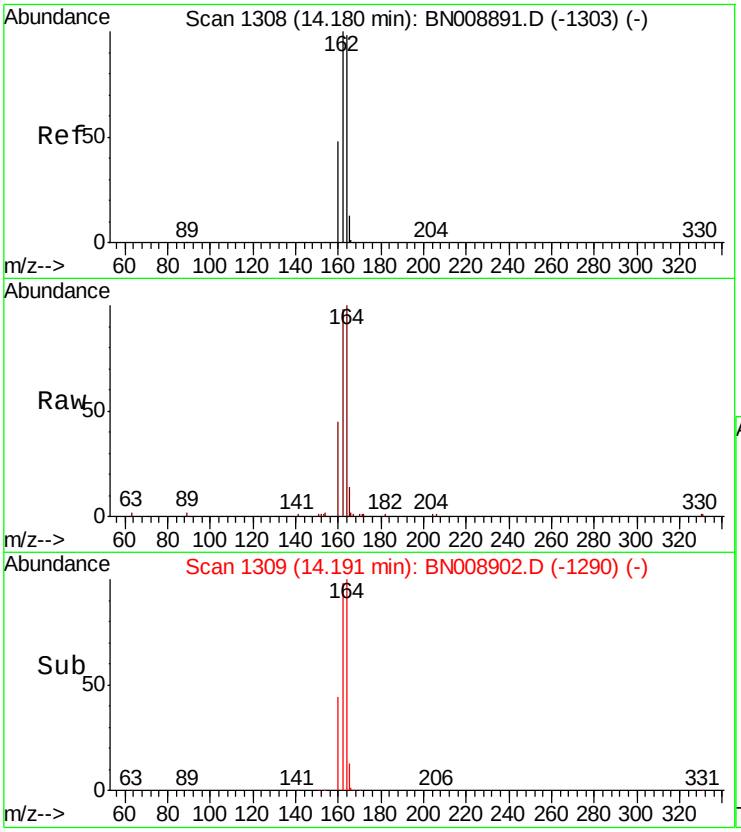


#12
2-Methylnaphthalene
Concen: 0.009 ng
RT: 11.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:142 Resp: 176

Ion	Ratio	Lower	Upper
142	100		
141	103.4	69.3	103.9
115	73.0	27.9	41.9#



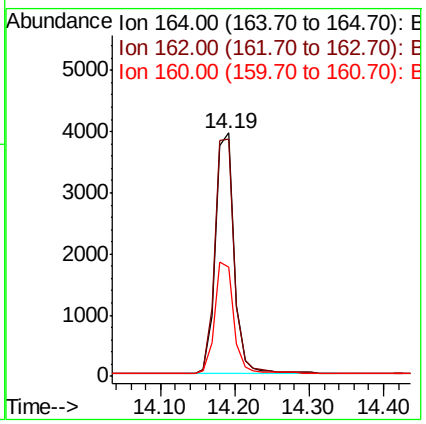


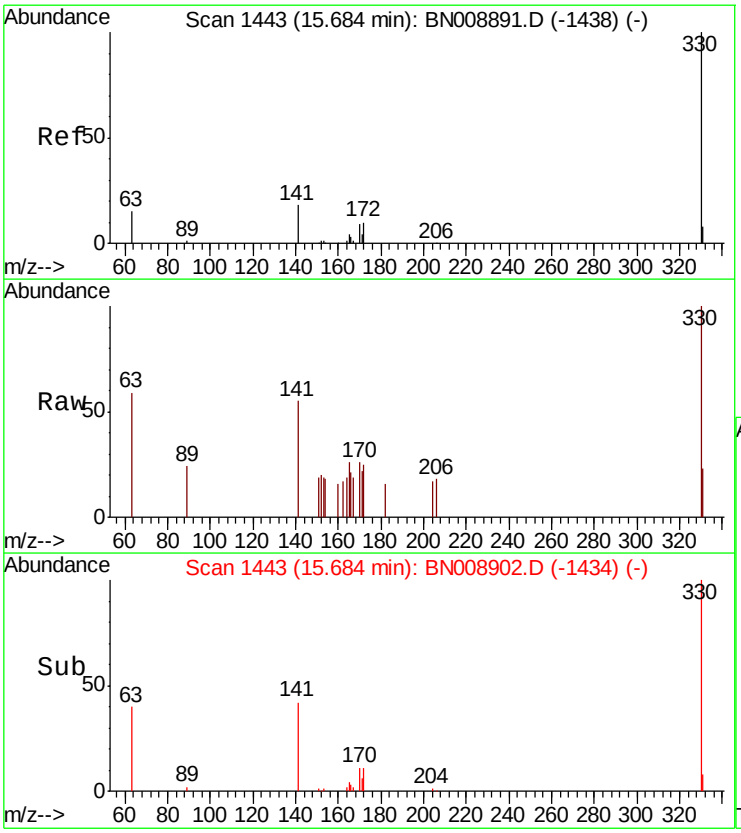
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.19 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 6864

Ion	Ratio	Lower	Upper
164	100		
162	97.7	81.9	122.9
160	45.1	39.3	58.9

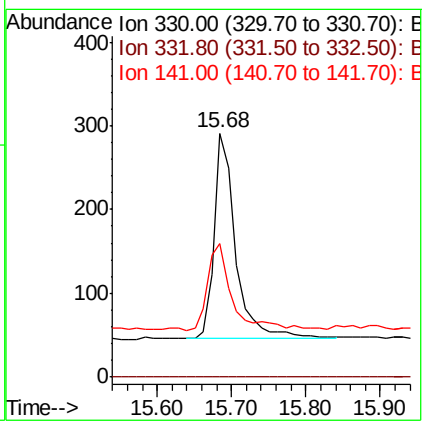


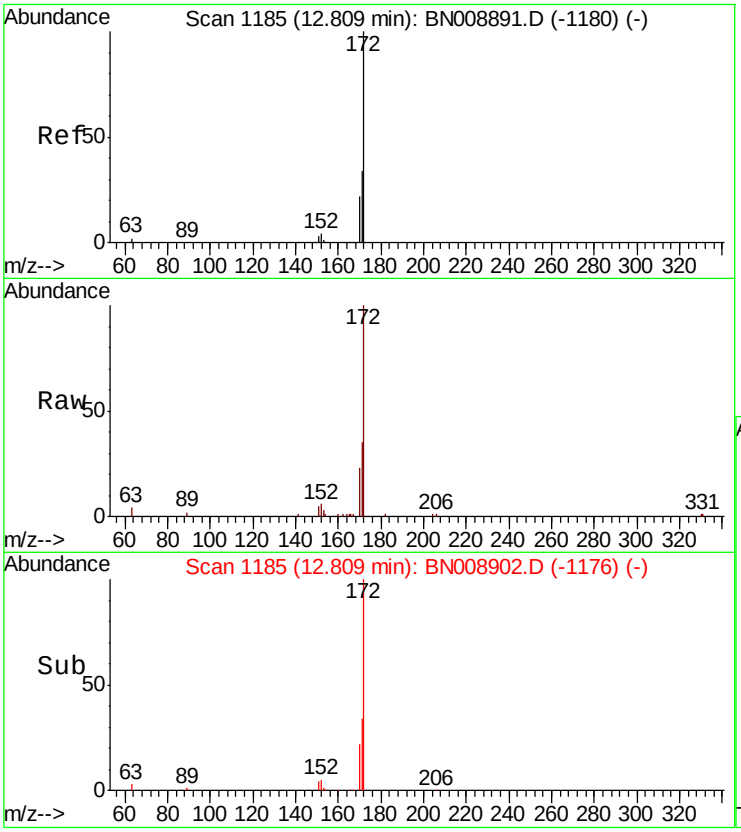


#14
2,4,6-Tribromophenol
Concen: 0.148 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:330 Resp: 487

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	51.1	29.6	44.4#



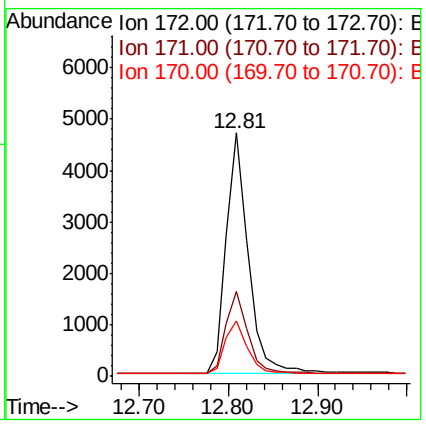


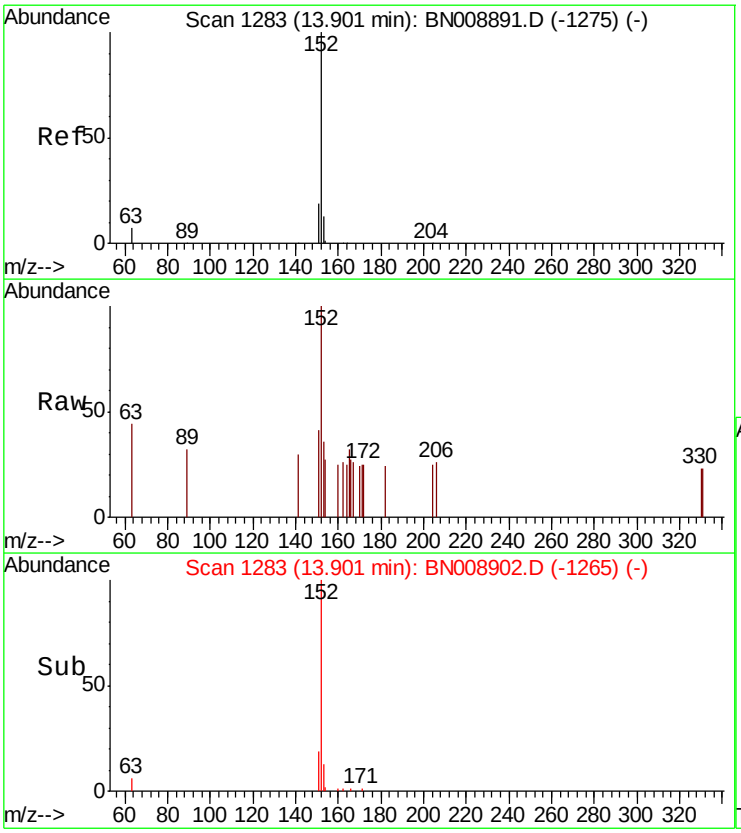
#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 8172

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.1	40.7
170	22.8	17.7	26.5

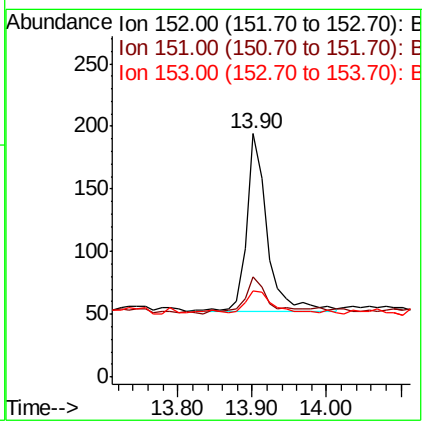


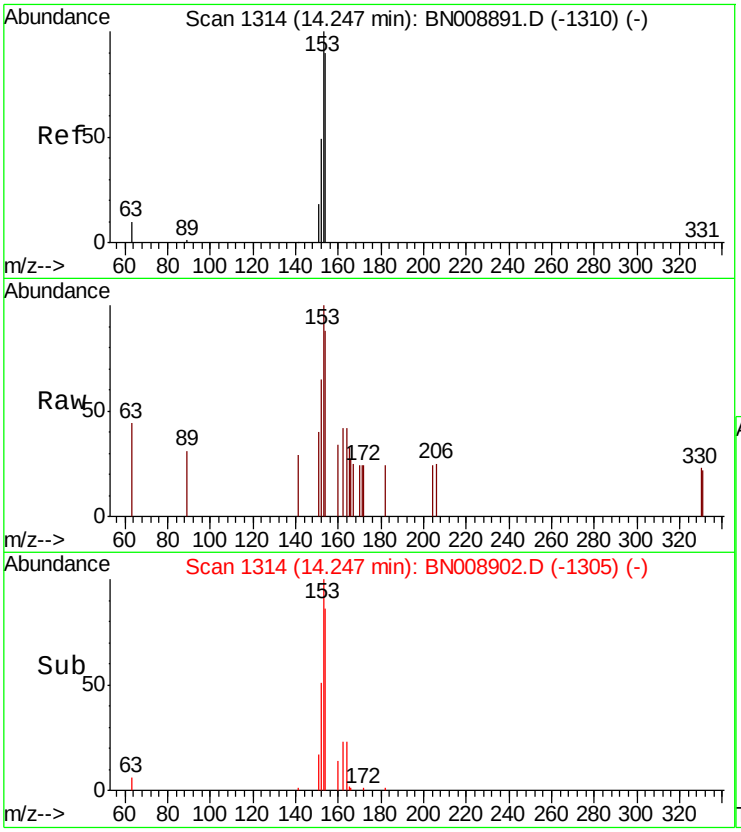


#16
Acenaphthylene
Concen: 0.009 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:152 Resp: 274

Ion	Ratio	Lower	Upper
152	100		
151	24.8	15.3	22.9#
153	16.4	10.3	15.5#



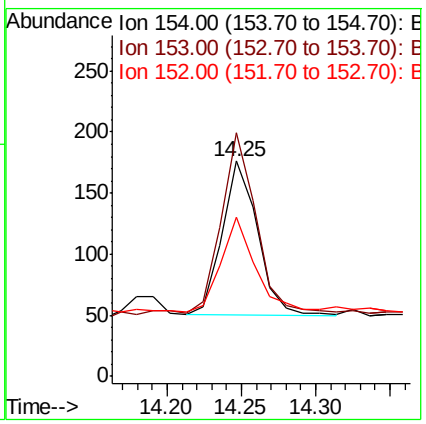


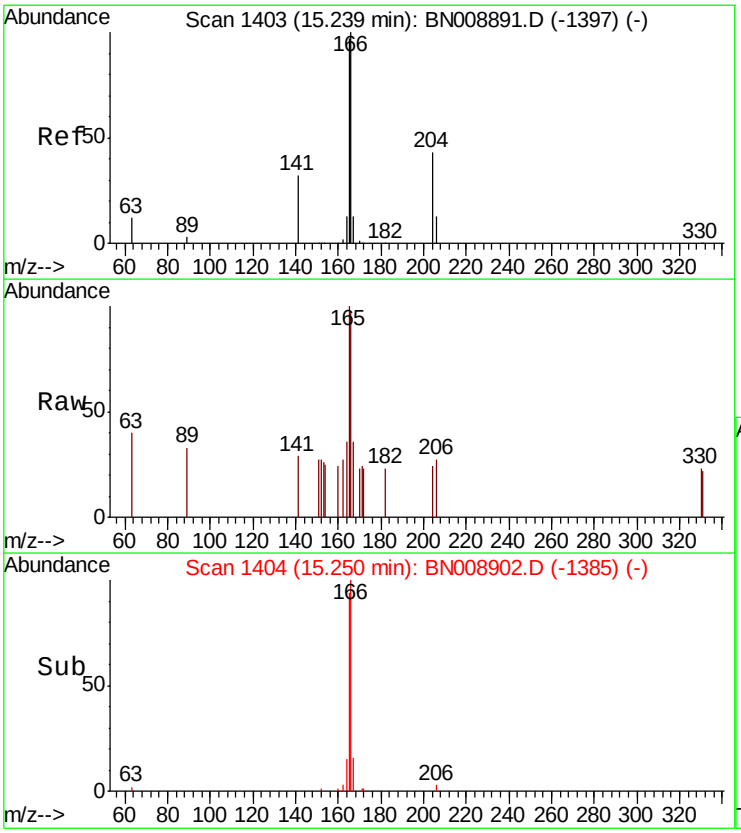
#17
Acenaphthene
Concen: 0.010 ng
RT: 14.25 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 207

Ion	Ratio	Lower	Upper
154	100		
153	120.3	89.2	133.8
152	58.9	44.2	66.4

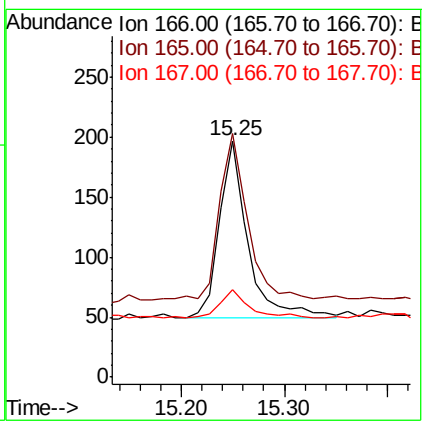


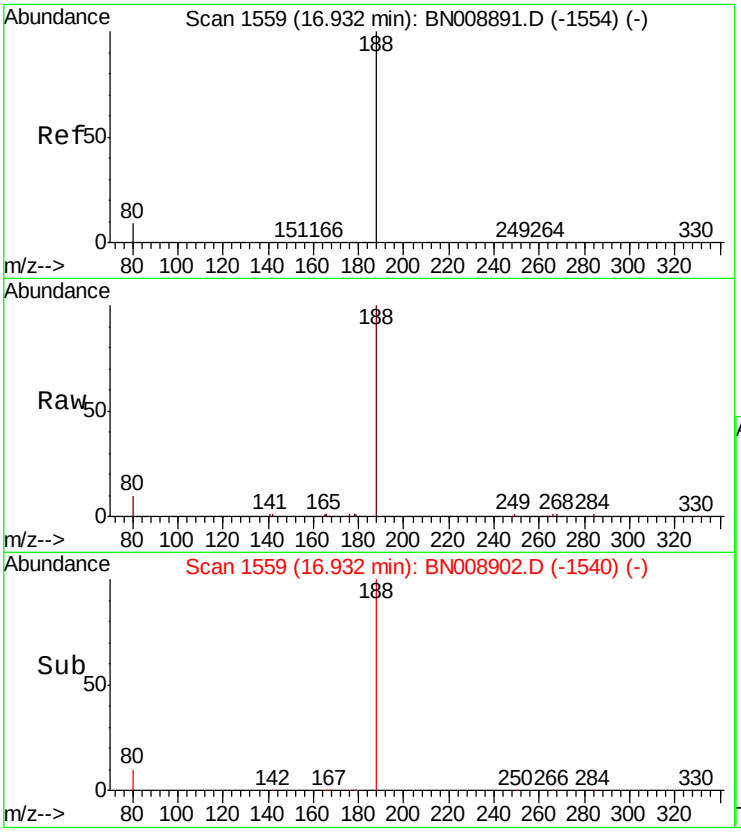


#18
Fluorene
Concen: 0.010 ng
RT: 15.25 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:166 Resp: 287

Ion	Ratio	Lower	Upper
166	100		
165	93.4	77.3	115.9
167	15.0	10.8	16.2



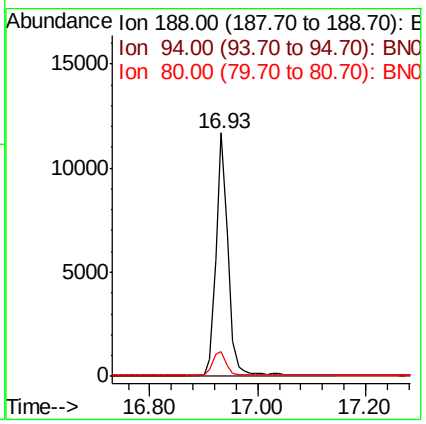


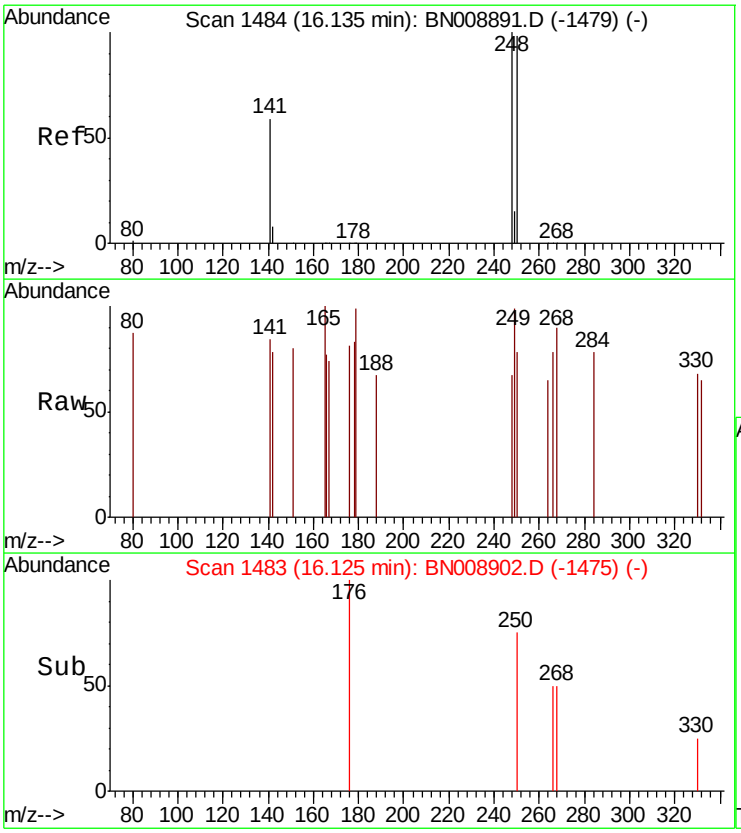
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 17738

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	7.3	10.9

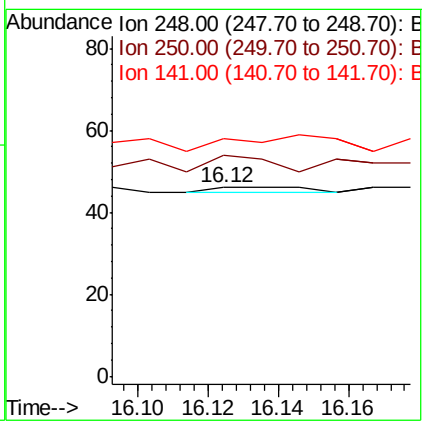


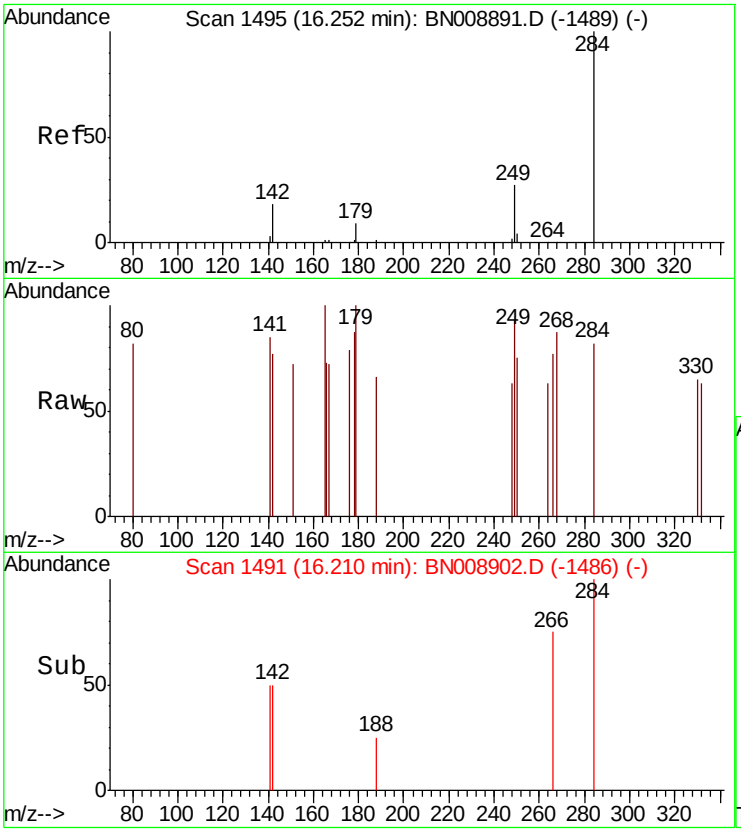


#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.12 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:248 Resp: 2

Ion	Ratio	Lower	Upper
248	100		
250	117.4	78.7	118.1
141	126.1	47.9	71.9#



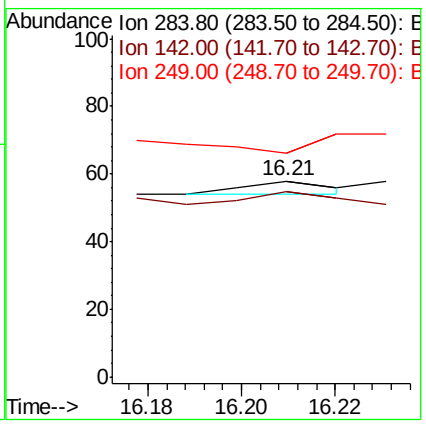


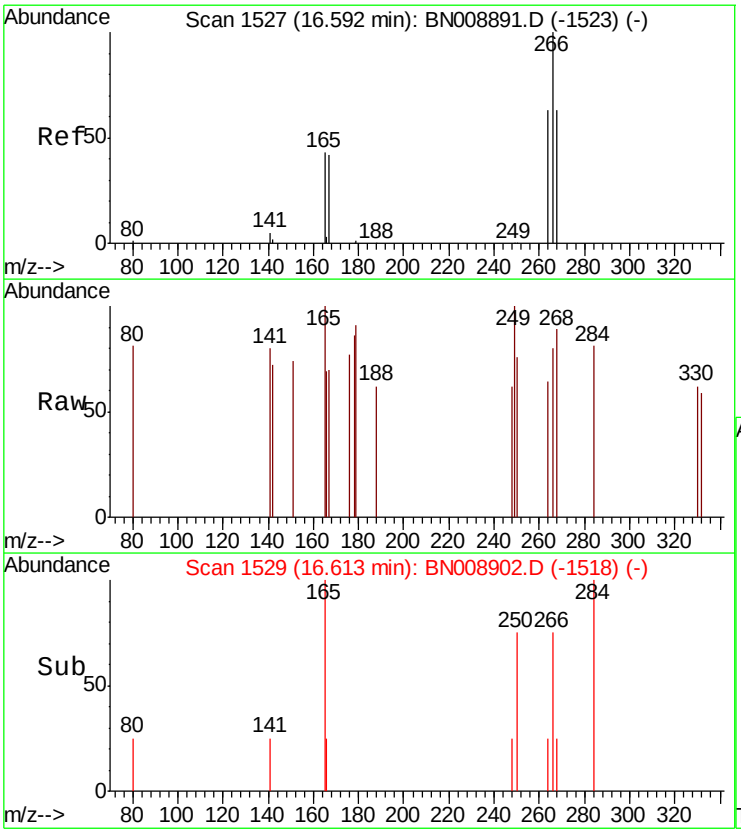
#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.21 min Scan# 1491
Delta R.T. -0.04 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 5

Ion	Ratio	Lower	Upper
284	100		
142	80.0	27.8	41.6#
249	420.0	25.3	37.9#

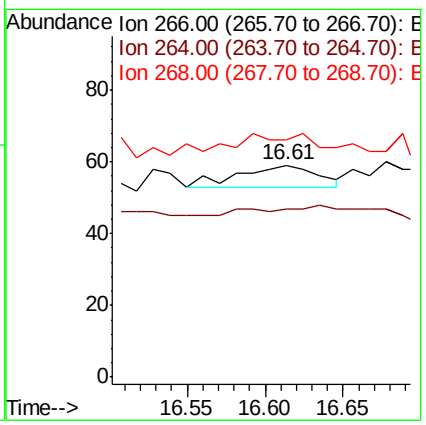


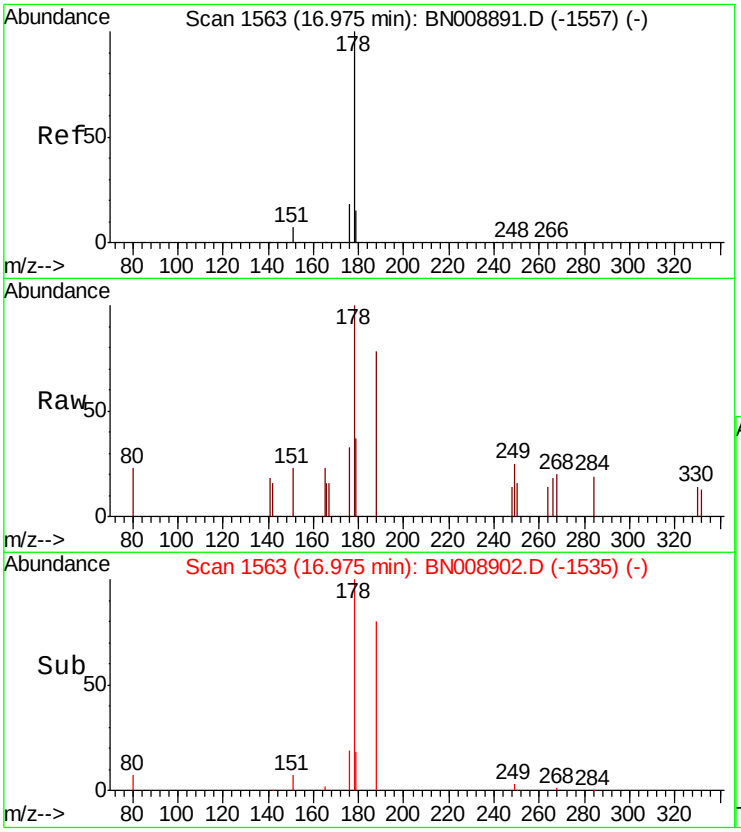


#22
Pentachlorophenol
Concen: 0.005 ng
RT: 16.61 min Scan# 1529
Delta R.T. 0.02 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:266 Resp: 21

Ion	Ratio	Lower	Upper
266	100		
264	79.7	51.5	77.3#
268	111.9	53.1	79.7#



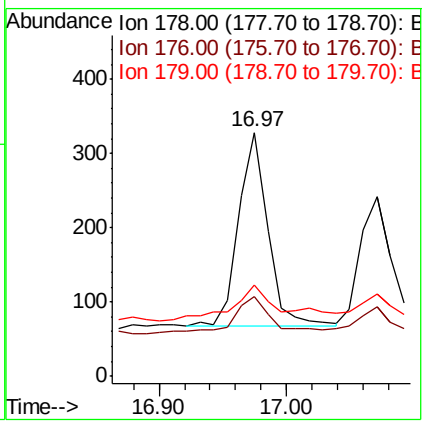


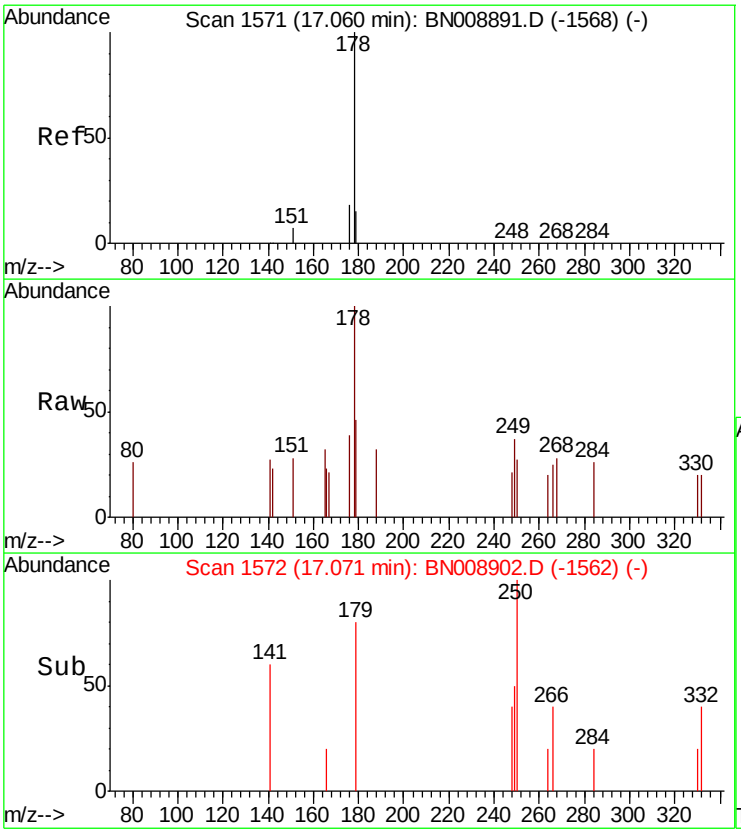
#23
Phenanthrene
Concen: 0.008 ng
RT: 16.97 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 422

Ion	Ratio	Lower	Upper
178	100		
176	23.9	14.9	22.3#
179	30.3	12.3	18.5#

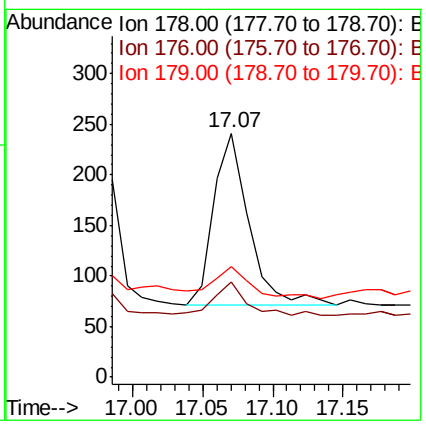


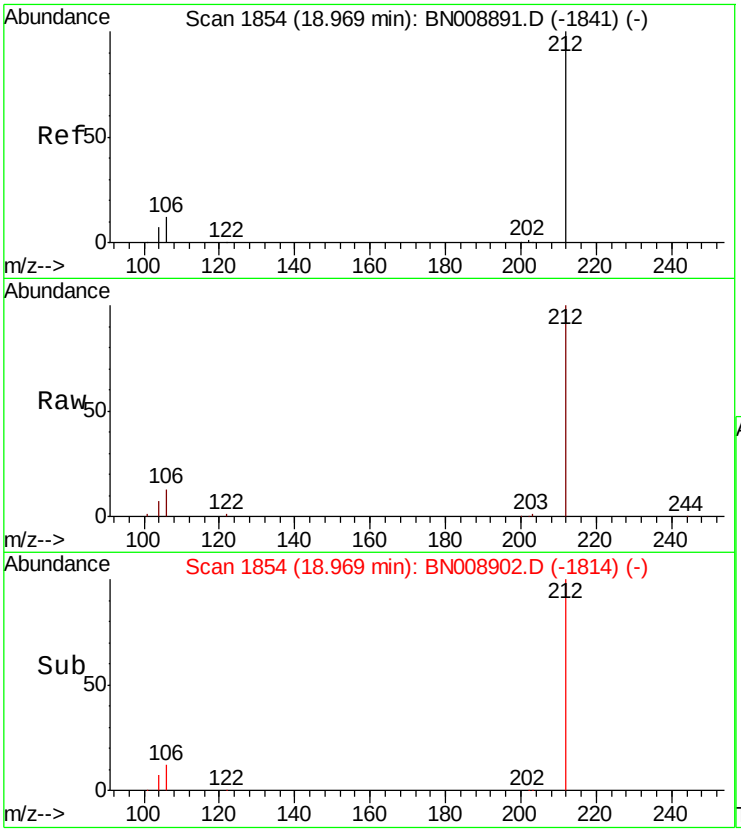


#24
Anthracene
Concen: 0.006 ng
RT: 17.07 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:178 Resp: 298

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.4	21.6
179	19.8	12.1	18.1#



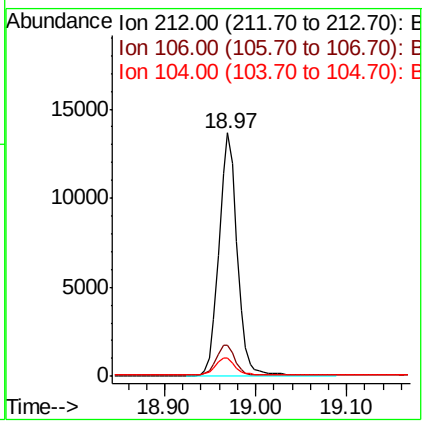


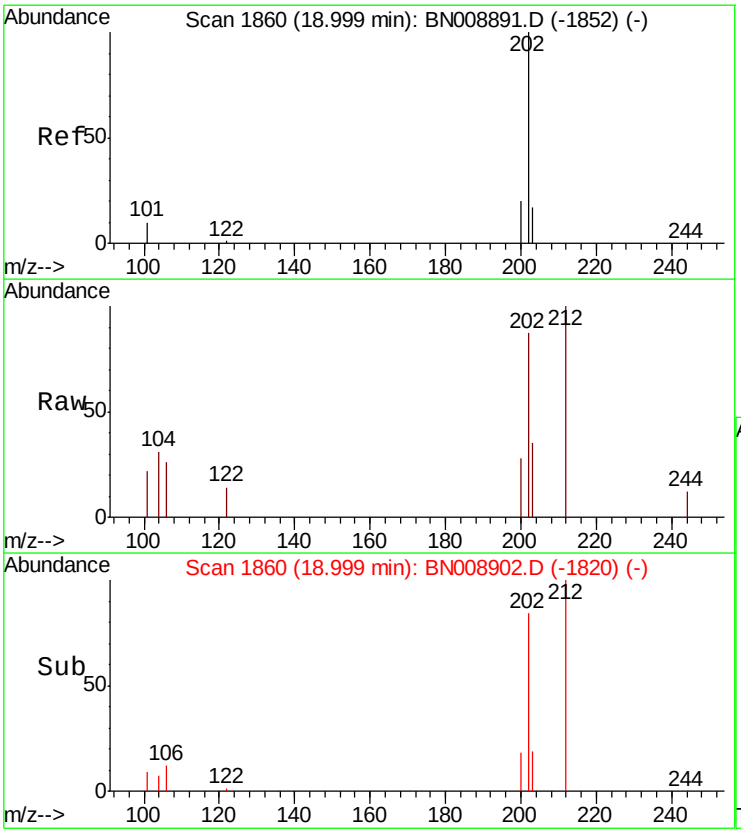
#25
Fluoranthene-d10
Concen: 0.351 ng
RT: 18.97 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 18832

Ion	Ratio	Lower	Upper
212	100		
106	12.9	10.4	15.6
104	7.2	5.9	8.9

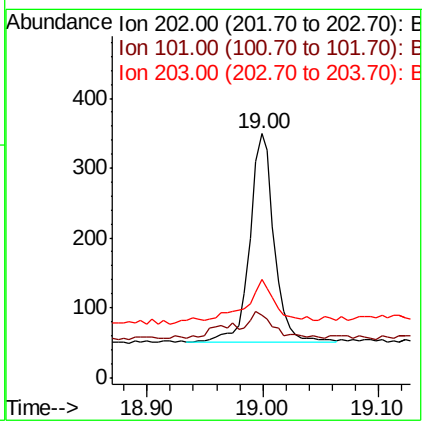


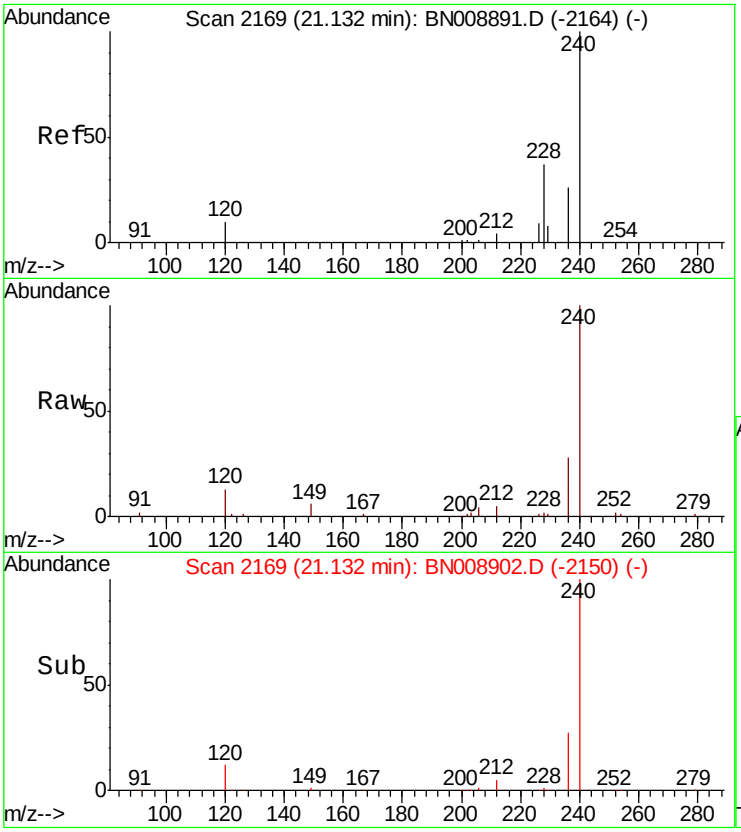


#26
Fluoranthene
Concen: 0.007 ng
RT: 19.00 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:202 Resp: 448

Ion	Ratio	Lower	Upper
202	100		
101	13.6	8.8	13.2#
203	22.1	13.8	20.6#



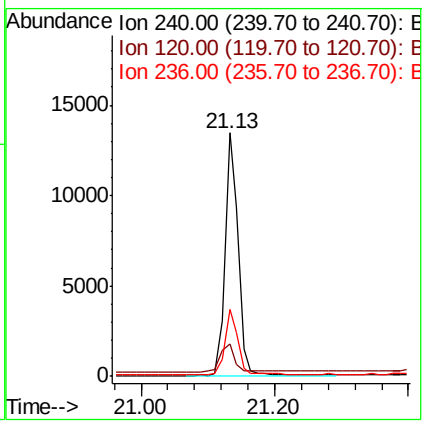


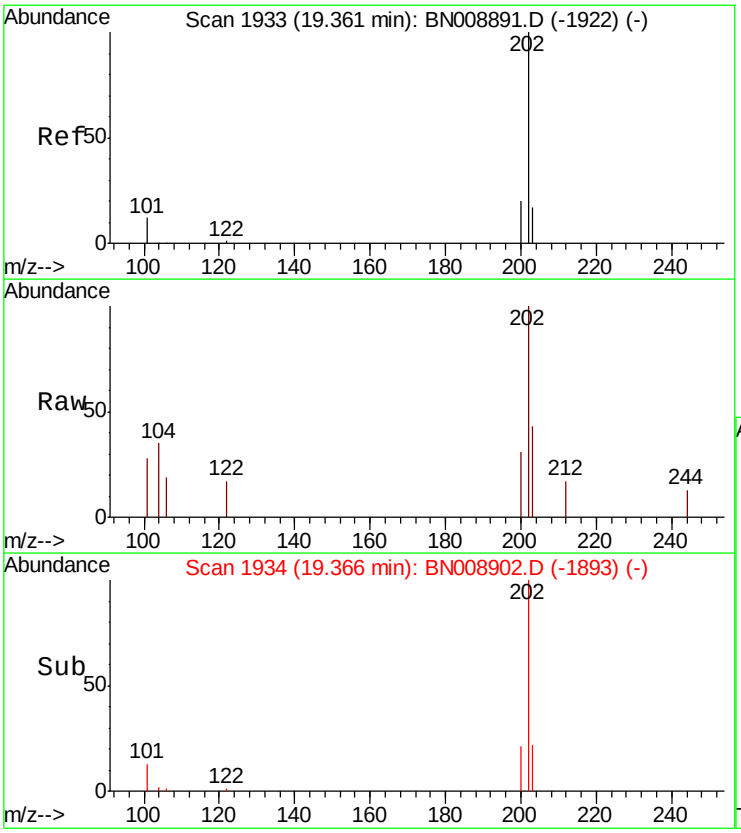
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 17957

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.1	13.7
236	27.7	21.5	32.3

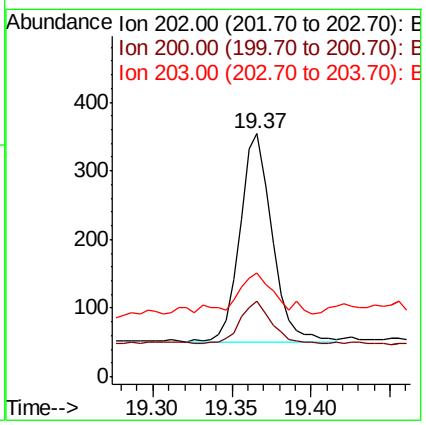


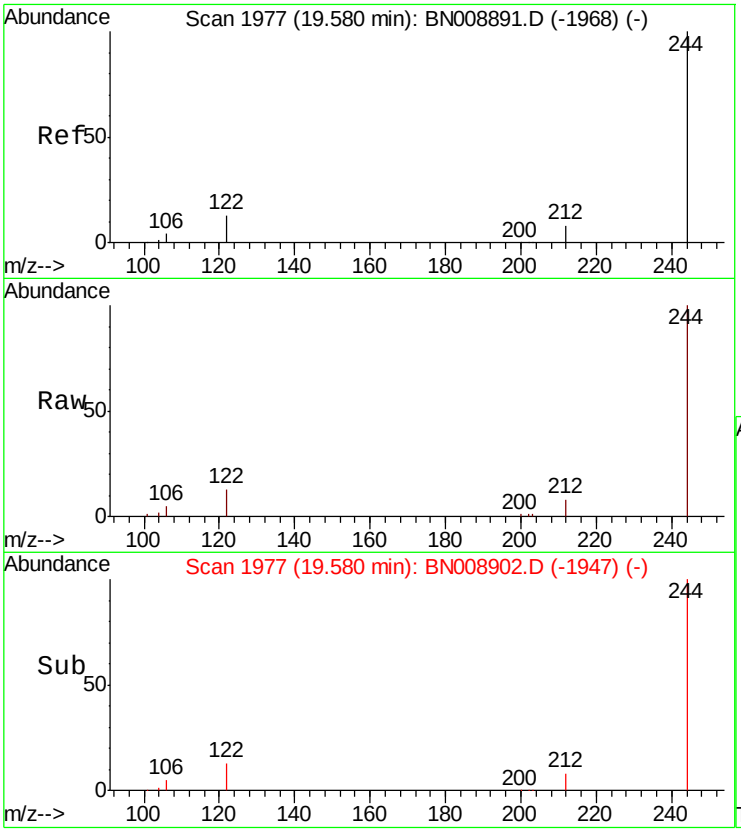


#28
Pyrene
Concen: 0.007 ng
RT: 19.37 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:202 Resp: 425

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.1	24.1
203	20.7	13.9	20.9



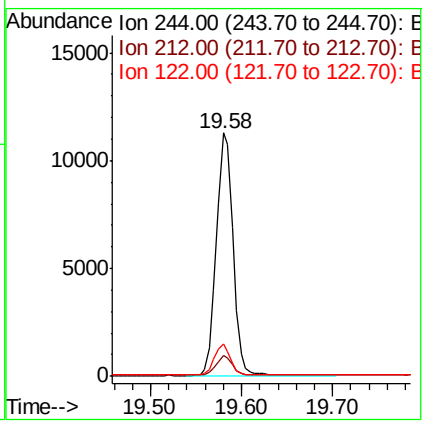


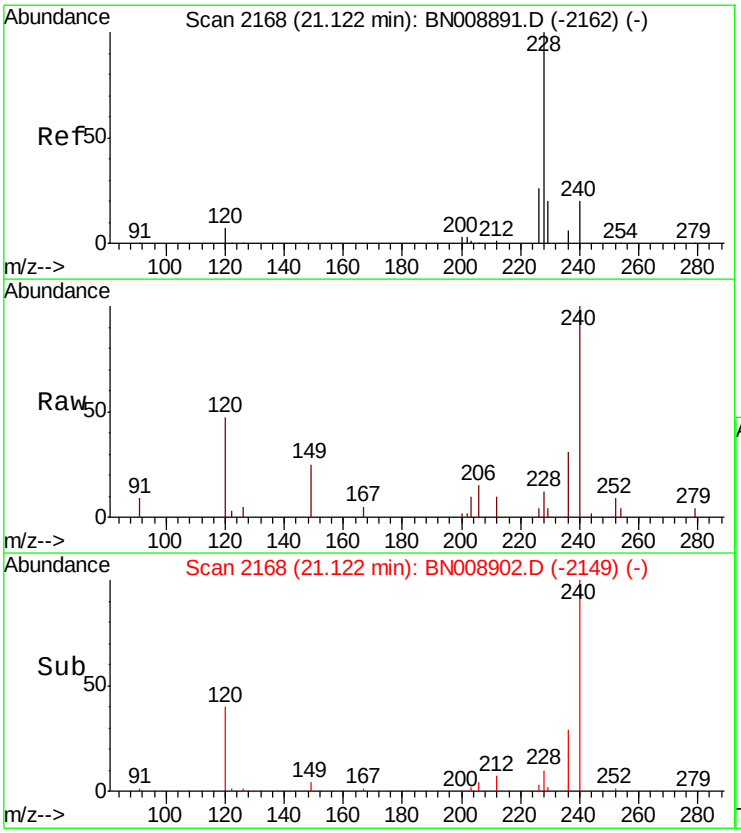
#29
Terphenyl-d14
Concen: 0.345 ng
RT: 19.58 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 14148

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	13.1	10.4	15.6

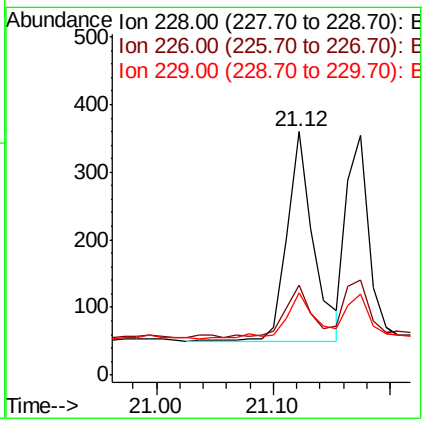


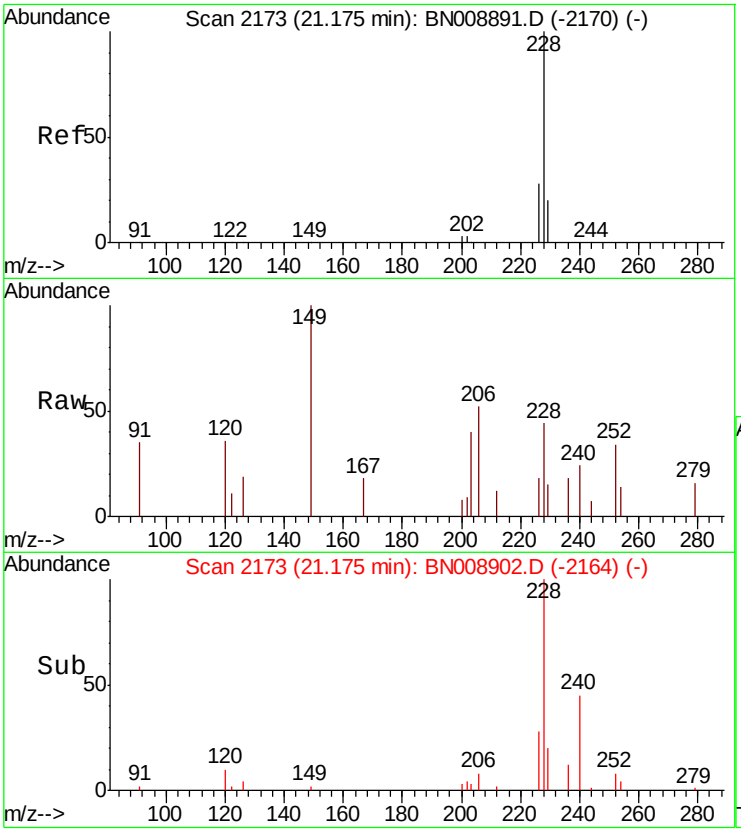


#30
Benzo(a)anthracene
Concen: 0.008 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:228 Resp: 497

Ion	Ratio	Lower	Upper
228	100		
226	36.9	20.6	30.8#
229	33.6	15.9	23.9#



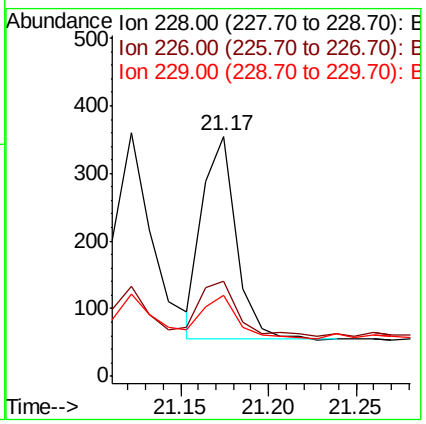


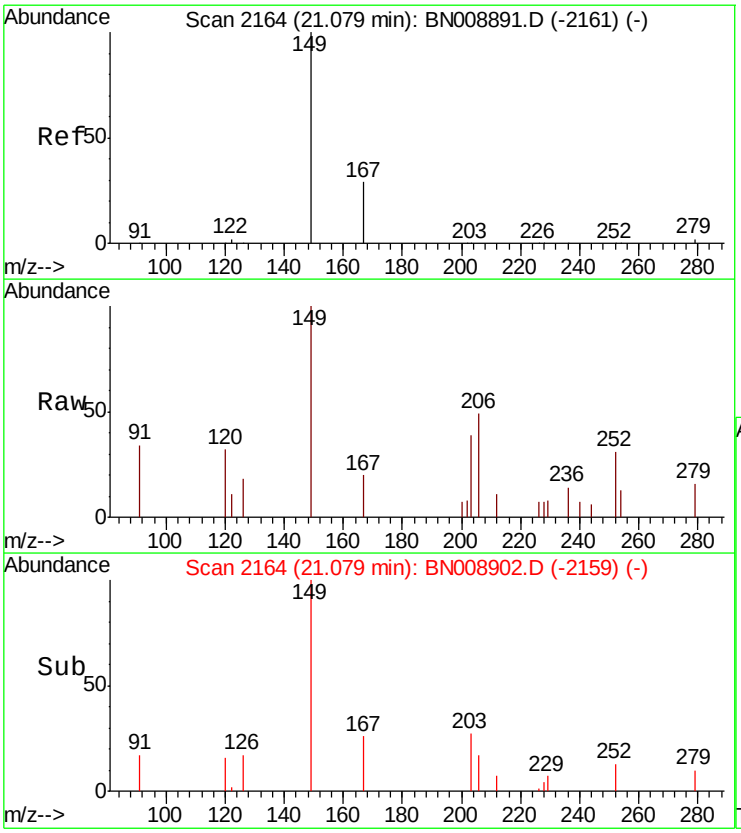
#31
Chrysene
Concen: 0.006 ng
RT: 21.17 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 401

Ion	Ratio	Lower	Upper
228	100		
226	39.7	22.2	33.4#
229	33.8	15.9	23.9#

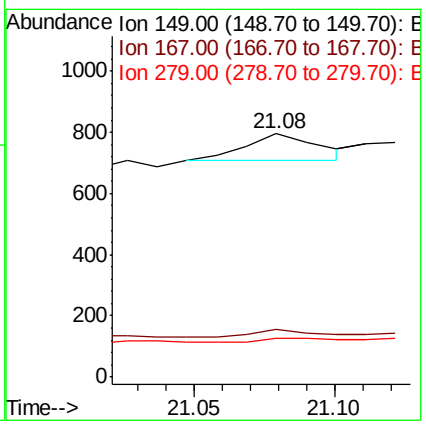


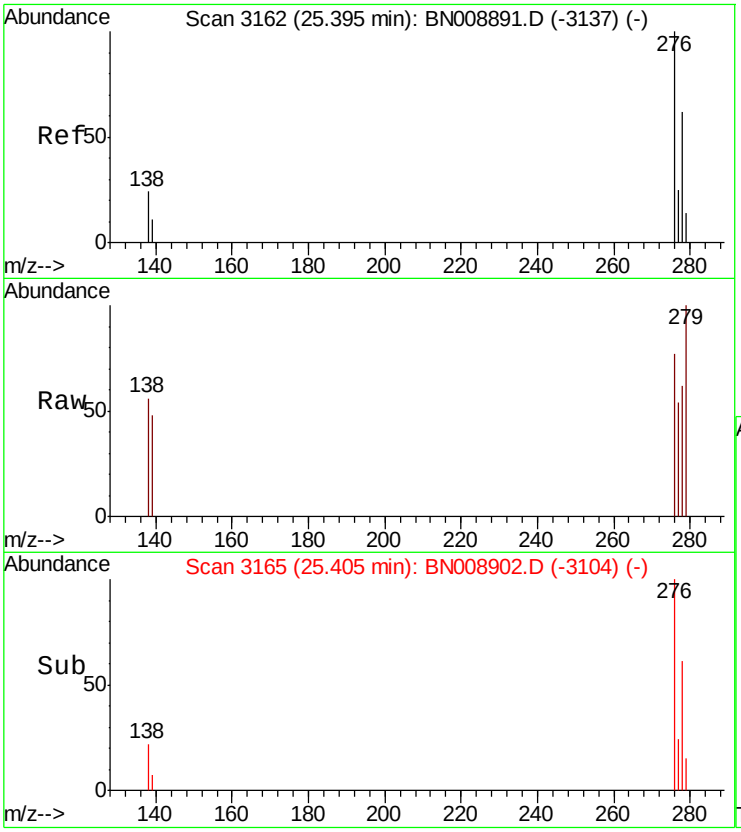


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.005 ng
RT: 21.08 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:149 Resp: 162

Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.7	34.1
279	17.9	3.3	4.9#



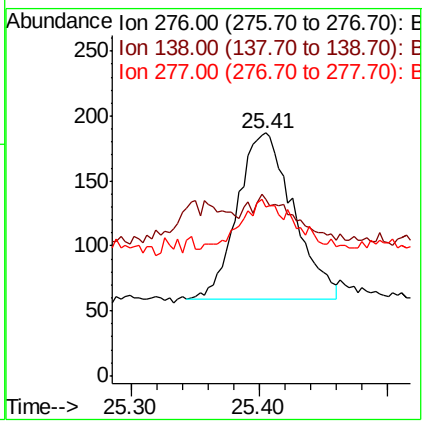


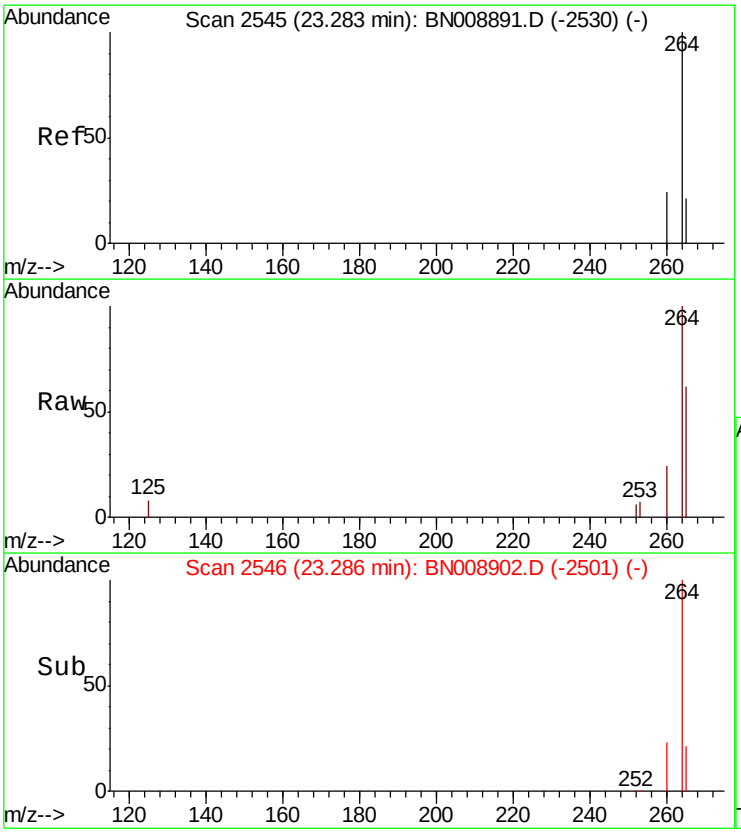
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.006 ng
RT: 25.41 min Scan# 3165
Delta R.T. 0.01 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 388

Ion	Ratio	Lower	Upper
276	100		
138	17.5	19.9	29.9#
277	27.6	19.8	29.8

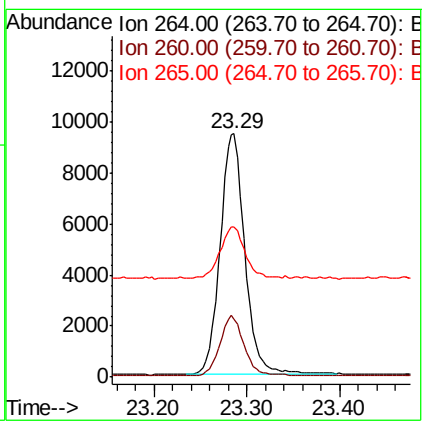


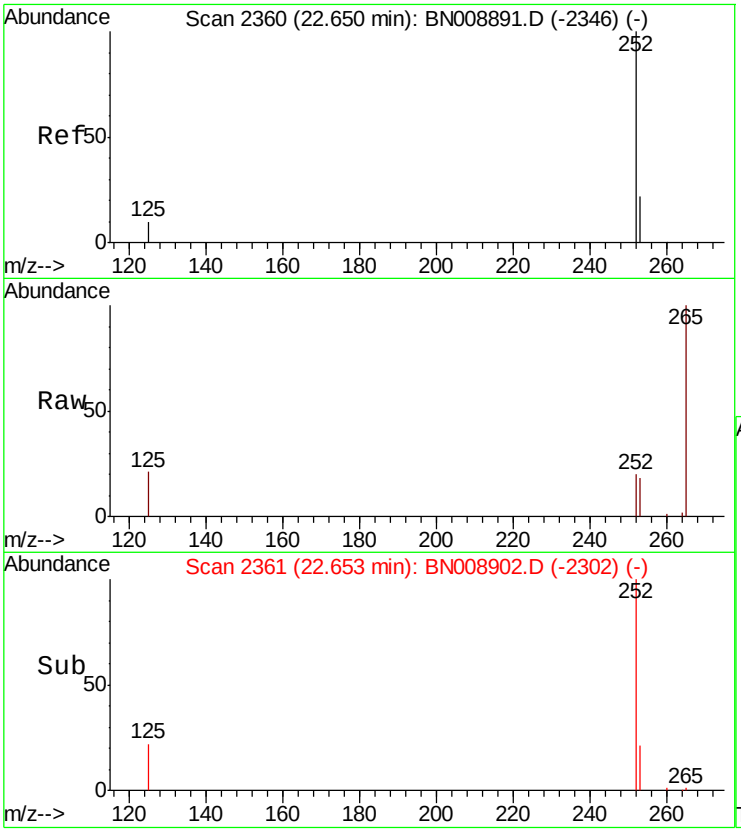


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.29 min Scan# 2546
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:264 Resp: 17809

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	61.5	47.5	71.3



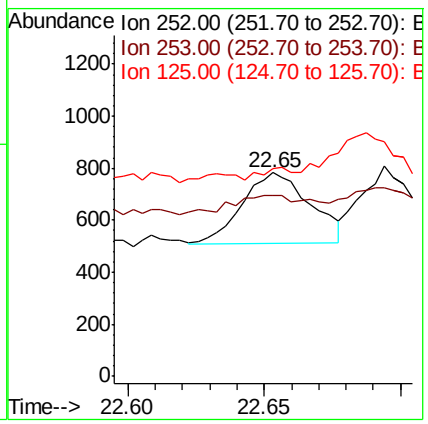


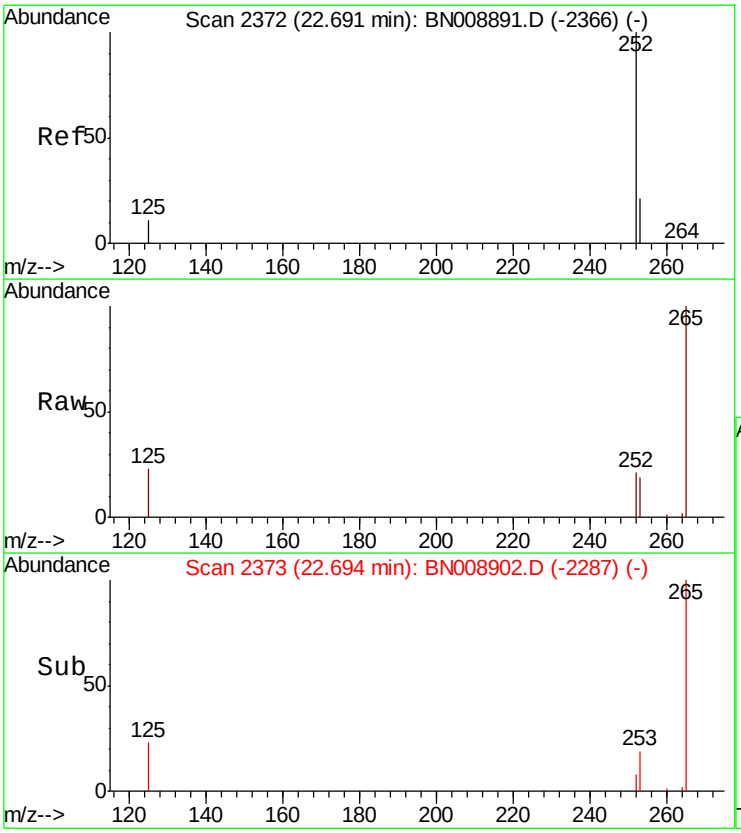
#35
Benzo(b)fluoranthene
Concen: 0.007 ng
RT: 22.65 min Scan# 2361
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 470

Ion	Ratio	Lower	Upper
252	100		
253	88.5	19.8	29.6#
125	102.2	10.8	16.2#

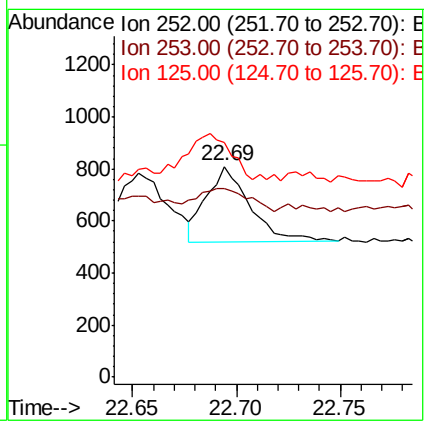


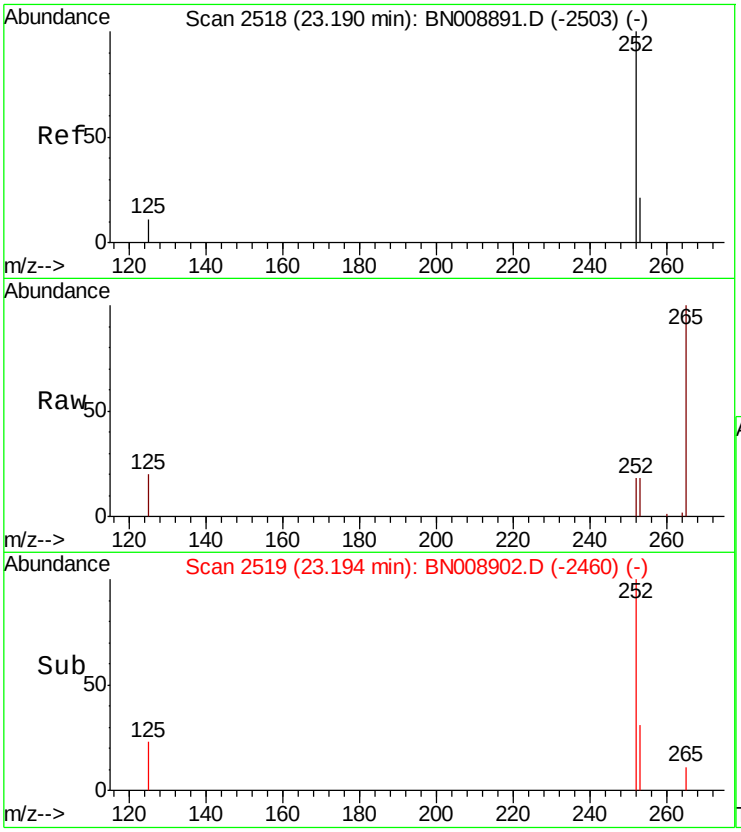


#36
Benzo(k)fluoranthene
Concen: 0.007 ng
RT: 22.69 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:252 Resp: 422

Ion	Ratio	Lower	Upper
252	100		
253	89.4	19.2	28.8#
125	111.5	11.6	17.4#



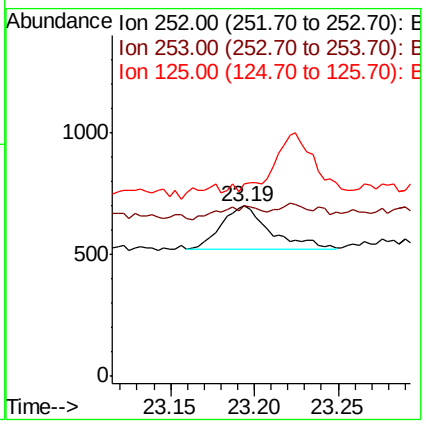


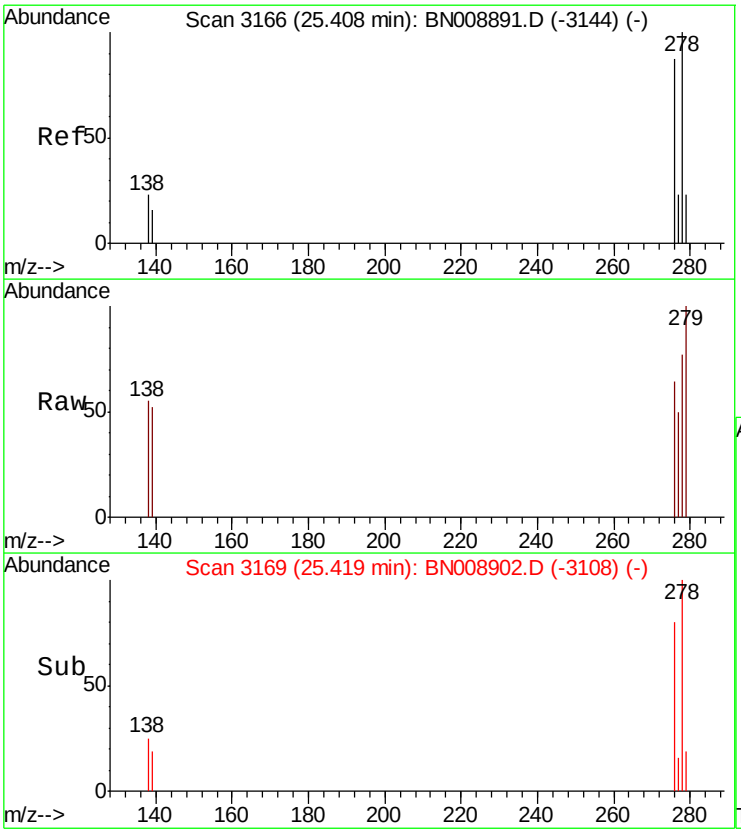
#37
Benzo(a)pyrene
Concen: 0.006 ng
RT: 23.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 355

Ion	Ratio	Lower	Upper
252	100		
253	100.6	19.9	29.9#
125	113.5	12.3	18.5#

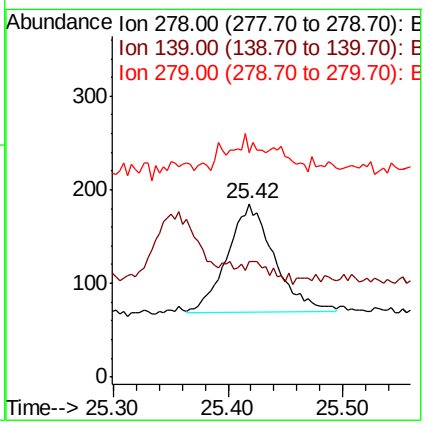


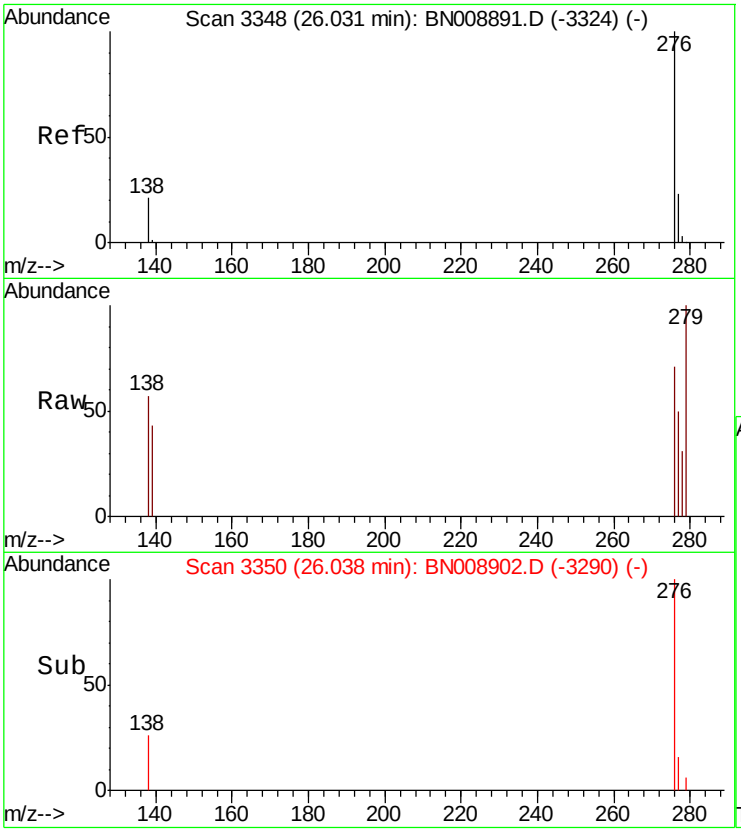


#38
Dibenzo(a,h)anthracene
Concen: 0.006 ng
RT: 25.42 min Scan# 3169
Delta R.T. 0.01 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:278 Resp: 330

Ion	Ratio	Lower	Upper
278	100		
139	67.0	13.9	20.9#
279	129.2	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 0.006 ng
RT: 26.04 min Scan# 3350
Delta R.T. 0.01 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 341

Ion	Ratio	Lower	Upper
276	100		
277	71.0	19.4	29.2#
138	80.2	17.8	26.6#