Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
Data File : BN008898.D
Acq On : 10 Dec 2019 10:14
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 10 15:05:06 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	7.56	152	2975	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	12576	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	9105	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	21660	0.40	ng		0.00
27) Chrysene-d12	21.13	240	22185	0.40	ng		0.00
34) Perylene-d12	23.28	264	22581	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	3057	0.40	ng		0.00
5) Phenol-d6	6.75	99	4160	0.40	ng		0.00
8) Nitrobenzene-d5	8.69	82	4117	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	9044	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	1692	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	14033	0.41	ng		-0.01
25) Fluoranthene-d10	18.97	212	25981	0.40	ng		0.00
29) Terphenyl-d14	19.58	244	20737	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	1178	0.422	ng		100
3) n-Nitrosodimethylamine	3.52	42	1349	0.350	ng	#	96
6) bis(2-Chloroethyl)ether	7.00	93	4169	0.423	ng		99
9) Naphthalene	10.37	128	14466	0.422	ng		99
10) Hexachlorobutadiene	10.66	225	2747	0.418	ng	#	99
12) 2-Methylnaphthalene	11.98	142	10895	0.426	ng		99
16) Acenaphthylene	13.90	152	17411	0.418	ng		100
17) Acenaphthene	14.25	154	11713	0.424	ng		98
18) Fluorene	15.24	166	16071	0.432	ng		100
20) 4-Bromophenyl-phenylether	16.14	248	5207	0.402	ng		96
21) Hexachlorobenzene	16.25	284	6003	0.407	ng		99
22) Pentachlorophenol	16.59	266	2039	0.383	ng		99
23) Phenanthrene	16.98	178	27844	0.408	ng		100
24) Anthracene	17.06	178	23924	0.398	ng		99
26) Fluoranthene	19.00	202	32933	0.406	ng		99
28) Pyrene	19.36	202	33284	0.428	ng		100
30) Benzo(a)anthracene	21.12	228	33225	0.422	ng		99
31) Chrysene	21.16	228	34332	0.421	ng		97
32) Bis(2-ethylhexyl)phthalate	21.08	149	14100	0.383	ng		100
33) Indeno(1,2,3-cd)pyrene	25.39	276	35271	0.409	ng		99
35) Benzo(b)fluoranthene	22.65	252	33802	0.418	ng		99
36) Benzo(k)fluoranthene	22.65	252	33802	0.415	ng		99
37) Benzo(a)pyrene	23.19	252	30605	0.422	ng		100
38) Dibenzo(a,h)anthracene	25.40	278	28454	0.418	ng		99
39) Benzo(g,h,i)perylene	26.03	276	27925	0.415	ng		100

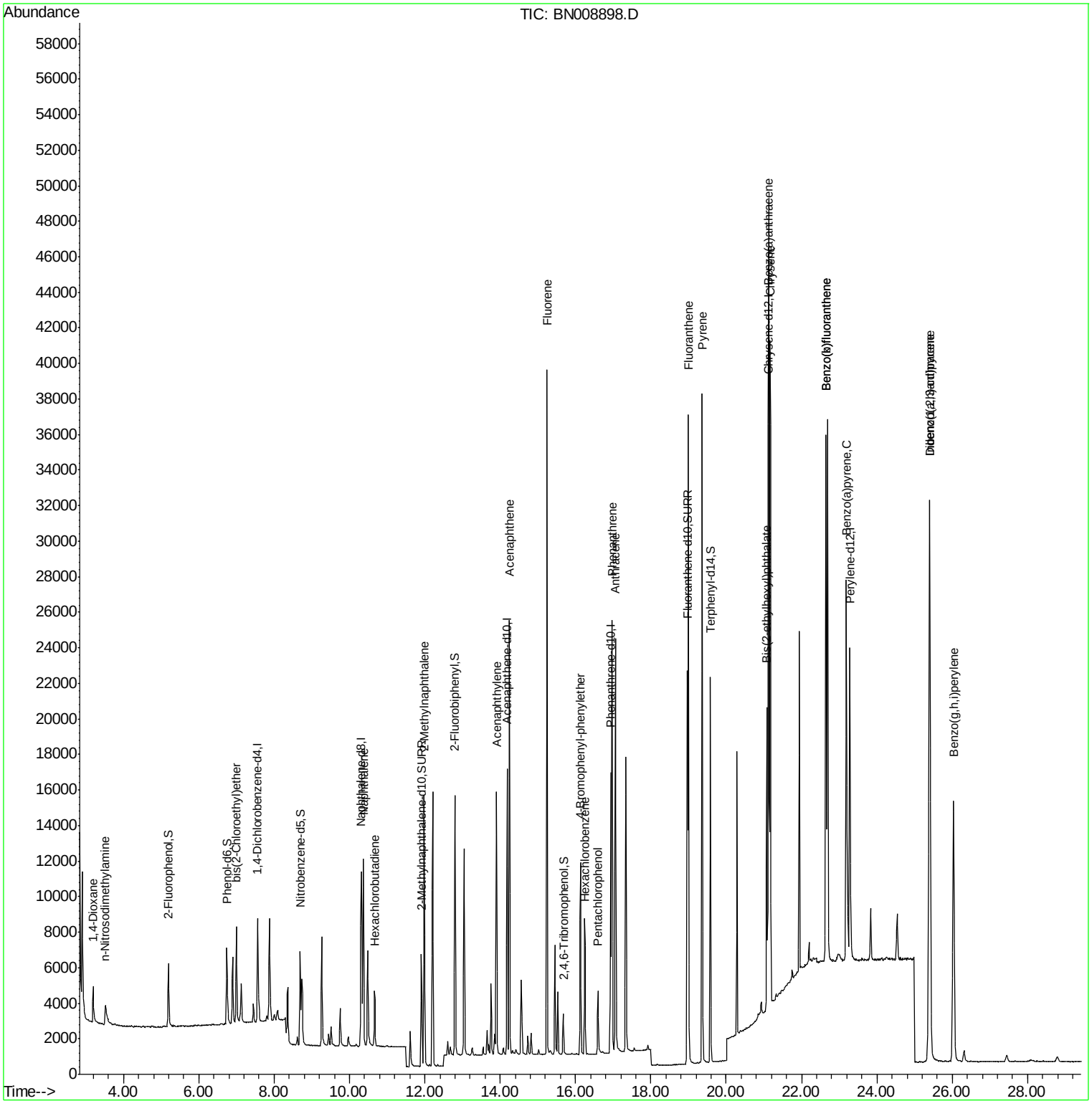
(#) = qualifier out of range (m) = manual integration (+) = signals summed

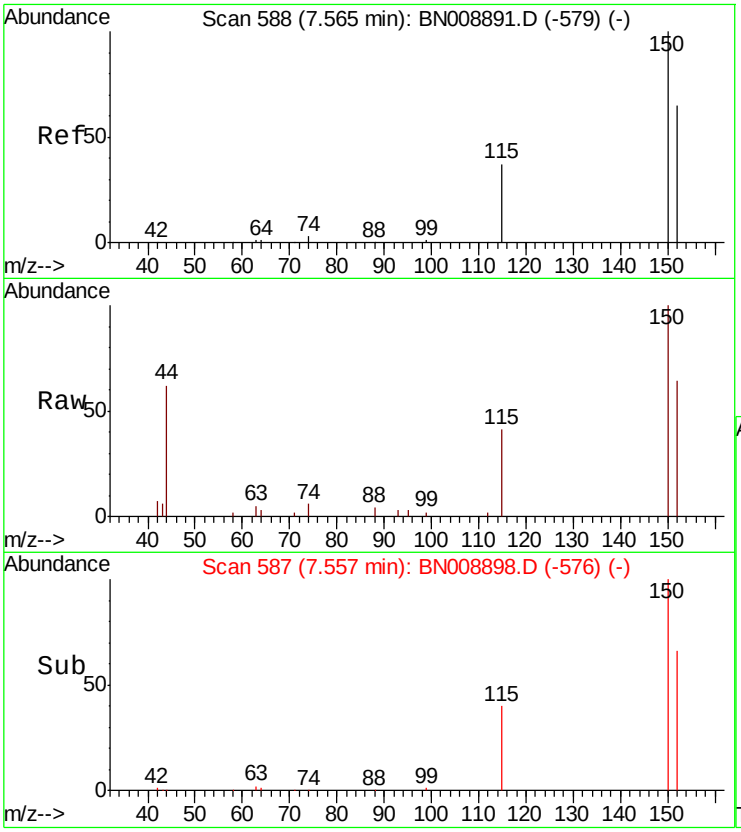
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
Data File : BN008898.D
Acq On : 10 Dec 2019 10:14
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 10 15:05:06 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



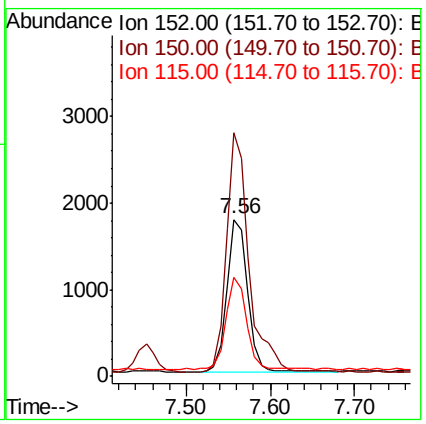


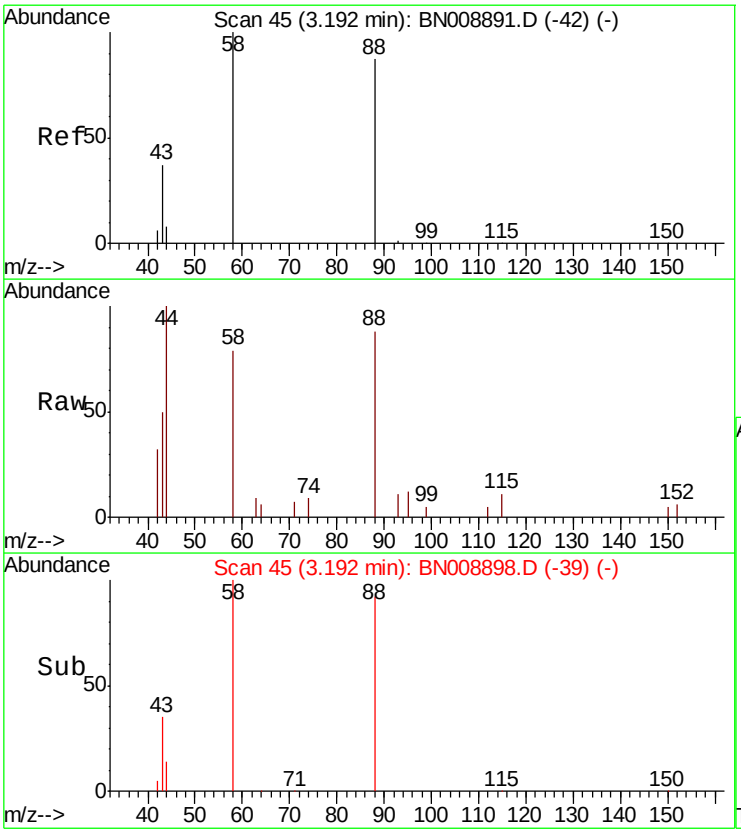
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. -0.01 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2975

Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.3	183.5
115	63.0	48.4	72.6

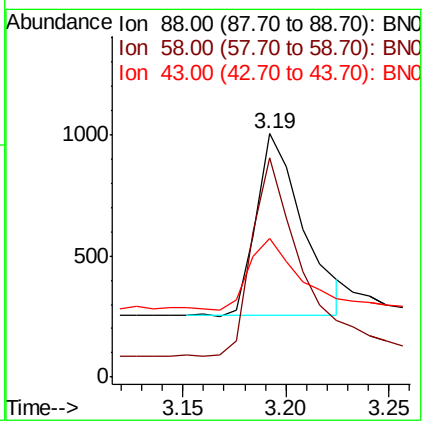


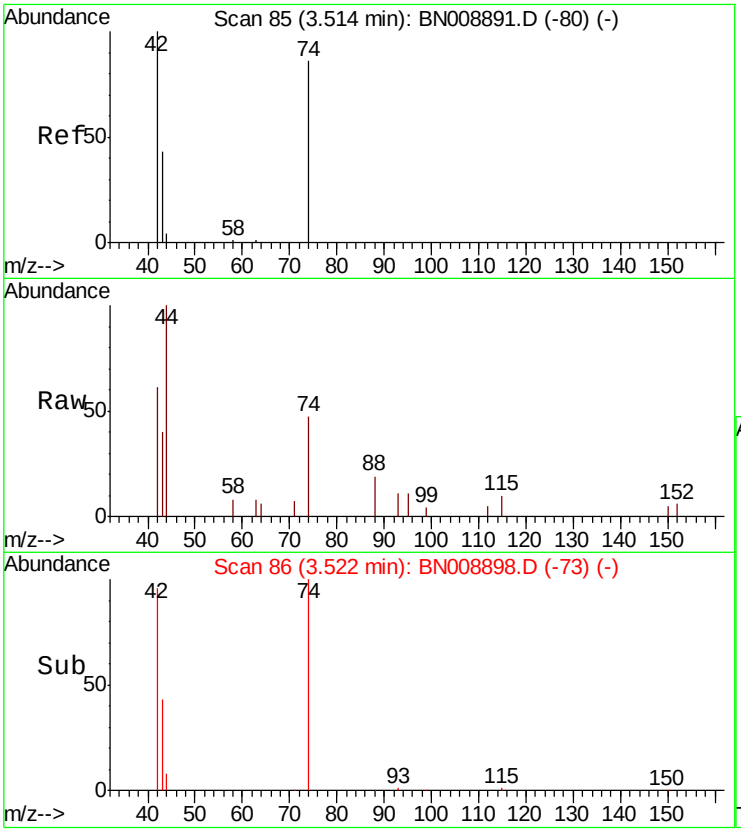


#2
1,4-Dioxane
Concen: 0.422 ng
RT: 3.19 min Scan# 45
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion: 88 Resp: 1178

Ion	Ratio	Lower	Upper
88	100		
58	110.1	88.6	132.8
43	39.6	31.8	47.8



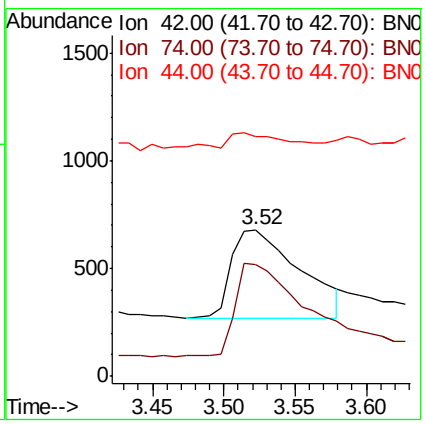


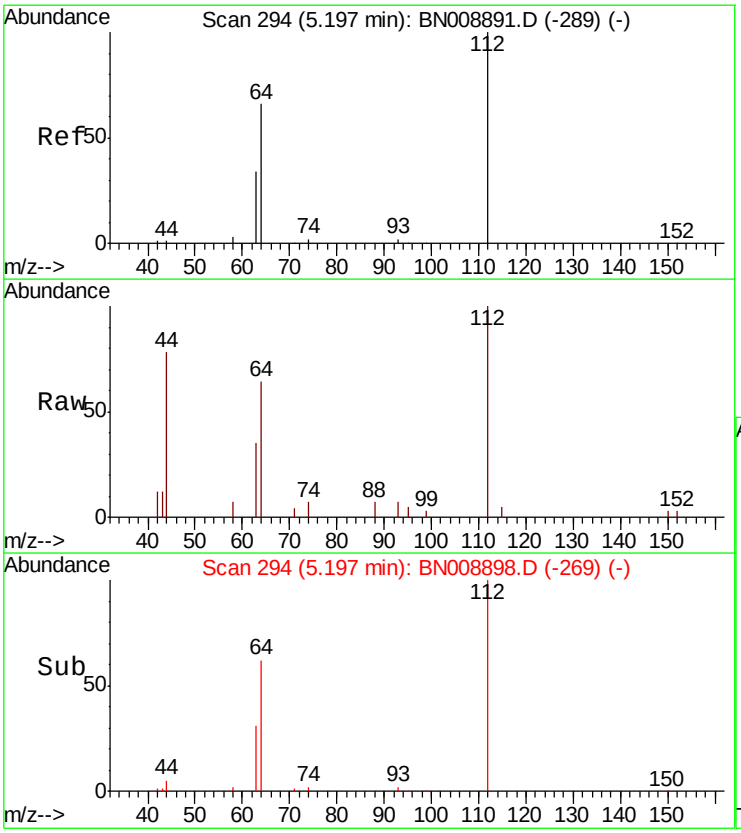
#3
n-Nitrosodimethylamine
Concen: 0.350 ng
RT: 3.52 min Scan# 86
Delta R.T. 0.01 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1349

Ion	Ratio	Lower	Upper
42	100		
74	102.1	78.6	117.8
44	16.0	0.0	0.0#

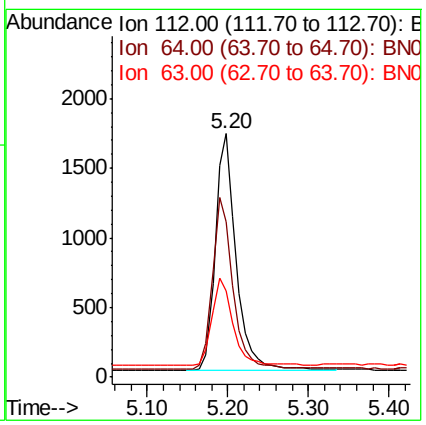


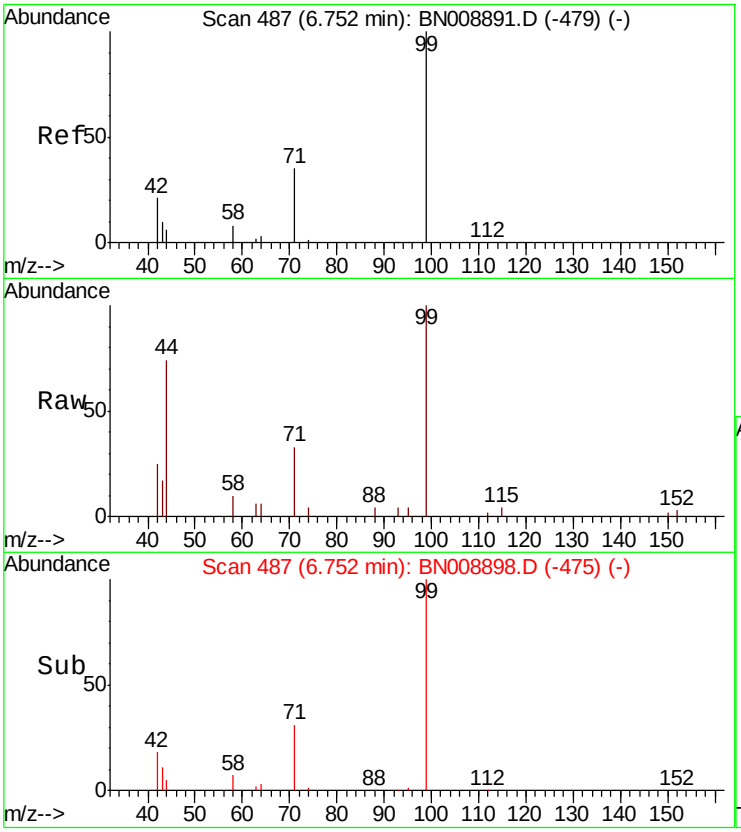


#4
2-Fluorophenol
Concen: 0.404 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:112 Resp: 3057

Ion	Ratio	Lower	Upper
112	100		
64	70.0	57.7	86.5
63	37.1	29.6	44.4



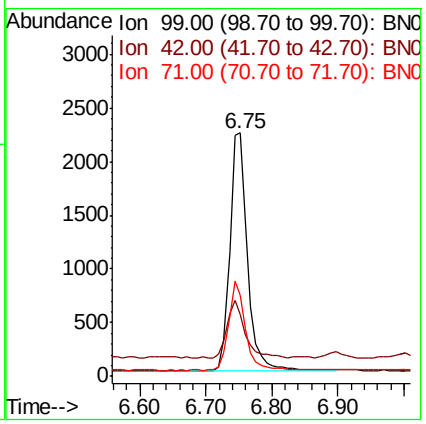


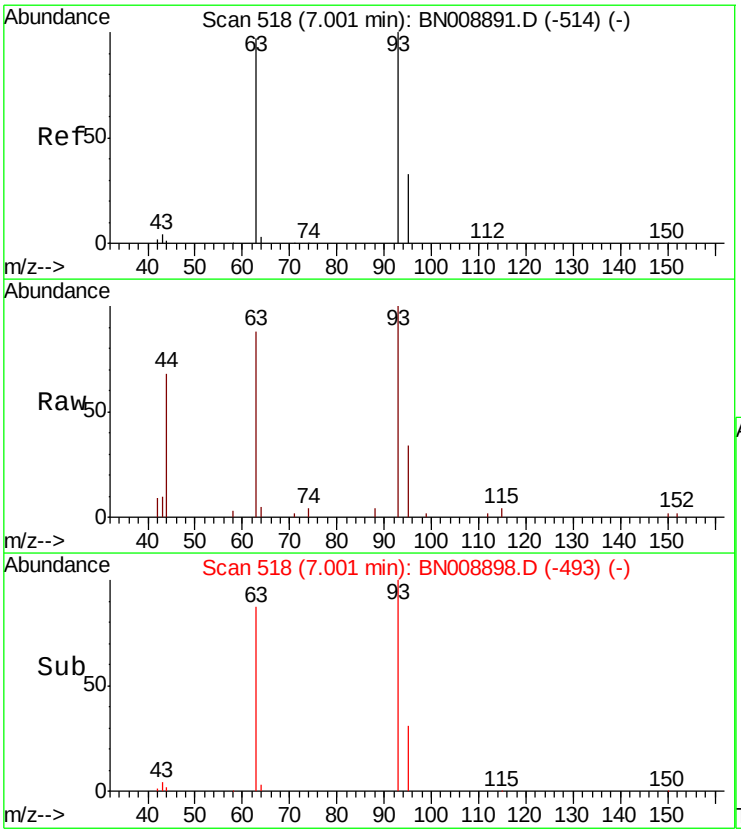
#5
Phenol-d6
Concen: 0.398 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4160

Ion	Ratio	Lower	Upper
99	100		
42	24.5	20.1	30.1
71	35.1	28.2	42.2

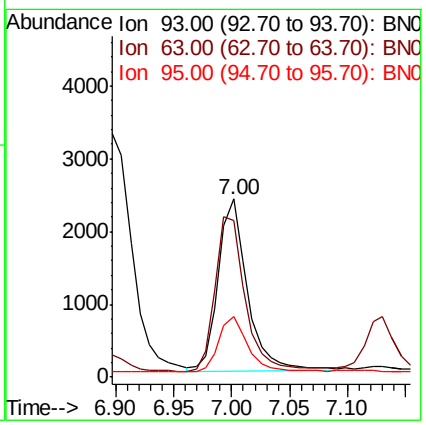


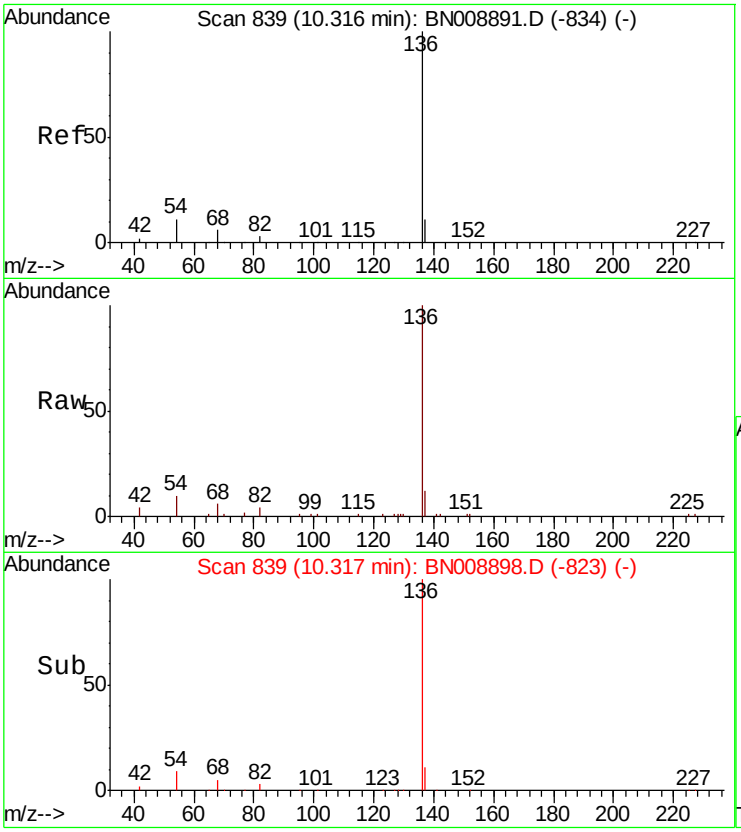


#6
bis(2-Chloroethyl)ether
Concen: 0.423 ng
RT: 7.00 min Scan# 518
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion: 93 Resp: 4169

Ion	Ratio	Lower	Upper
93	100		
63	92.8	73.5	110.3
95	32.3	26.0	39.0



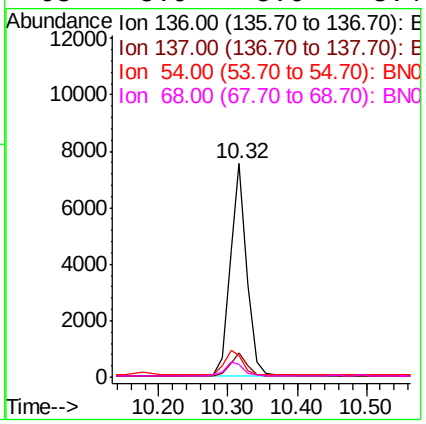


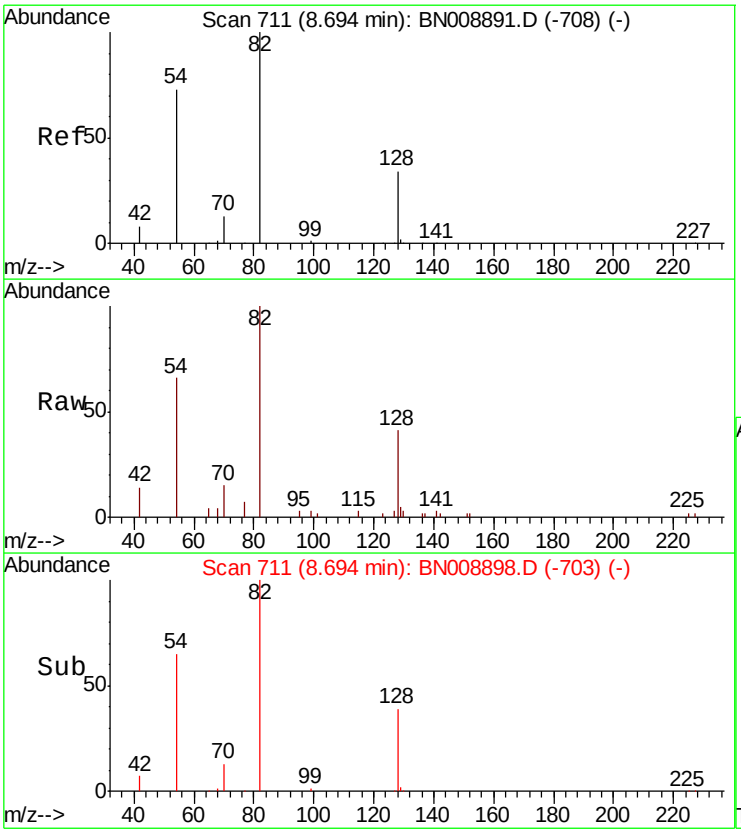
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.32 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 12576

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	10.1	9.6	14.4
68	5.9	5.6	8.4

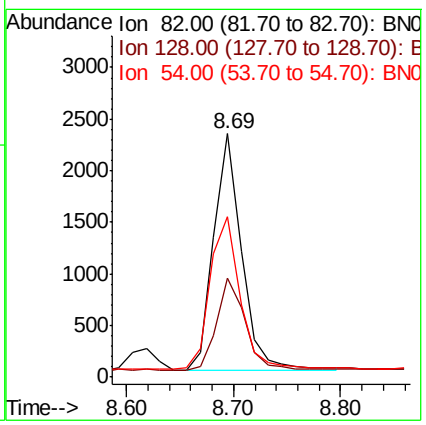


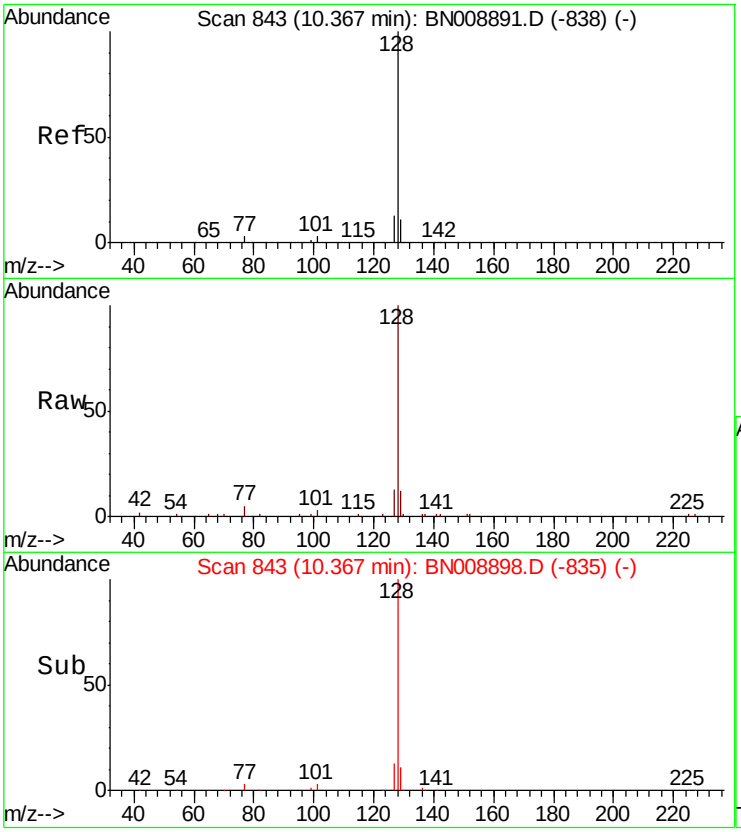


#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion: 82 Resp: 4117

Ion	Ratio	Lower	Upper
82	100		
128	40.9	29.1	43.7
54	66.0	59.7	89.5



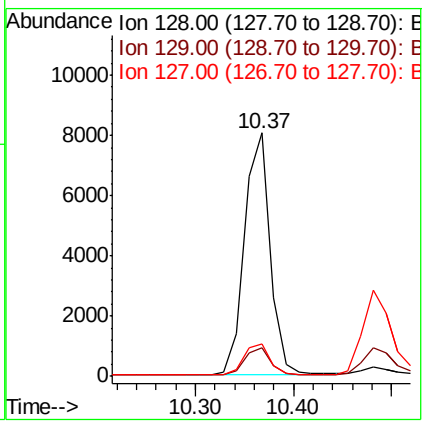


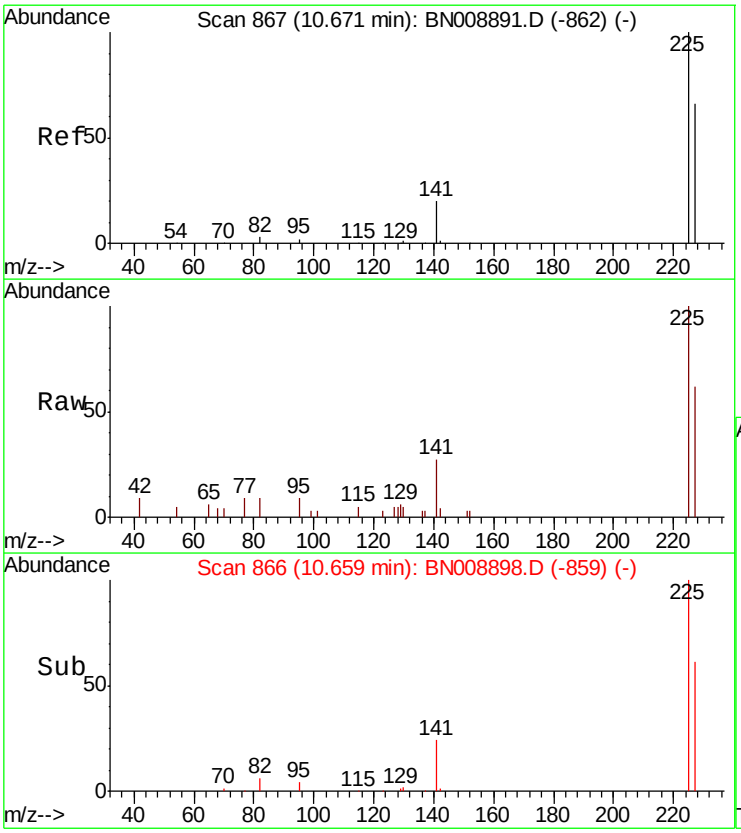
#9
Naphthalene
Concen: 0.422 ng
RT: 10.37 min Scan# 843
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 14466

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.1	10.8	16.2

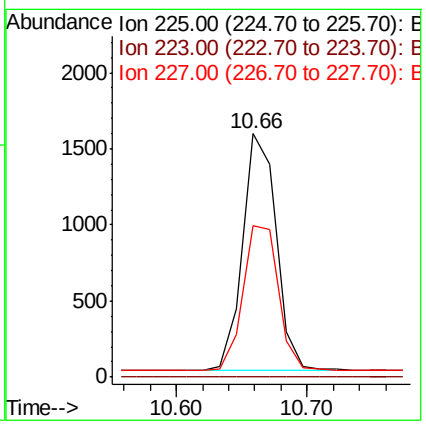


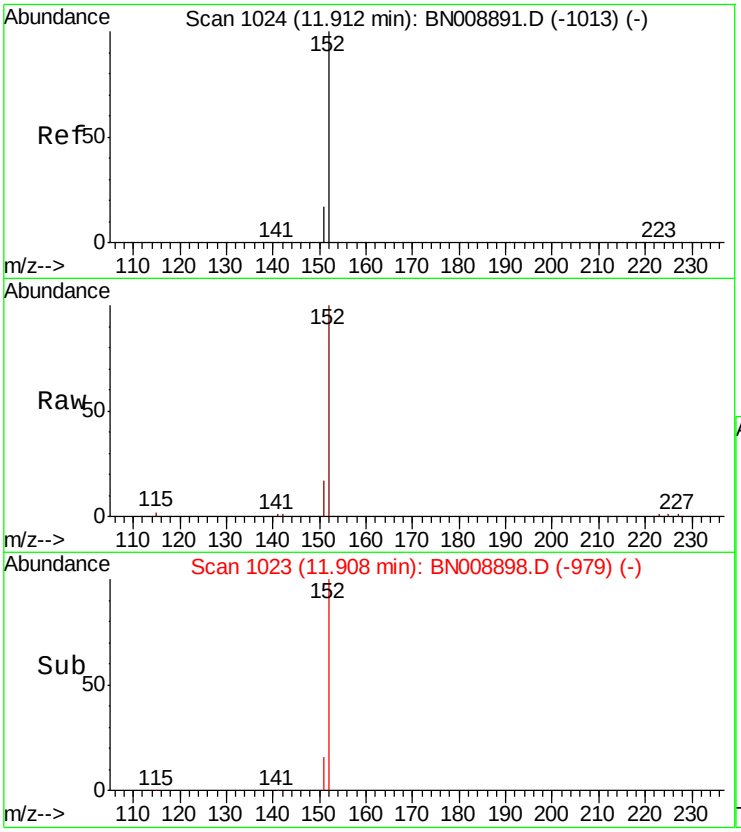


#10
Hexachlorobutadiene
Concen: 0.418 ng
RT: 10.66 min Scan# 866
Delta R.T. -0.01 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:225 Resp: 2747

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	51.4	77.2



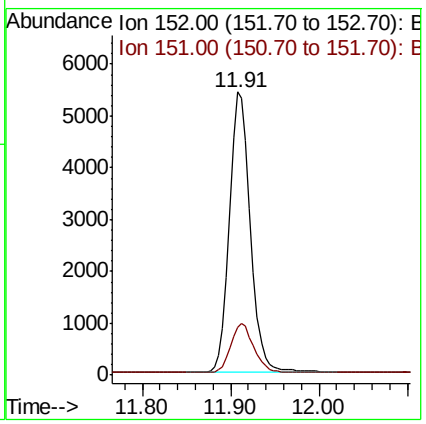


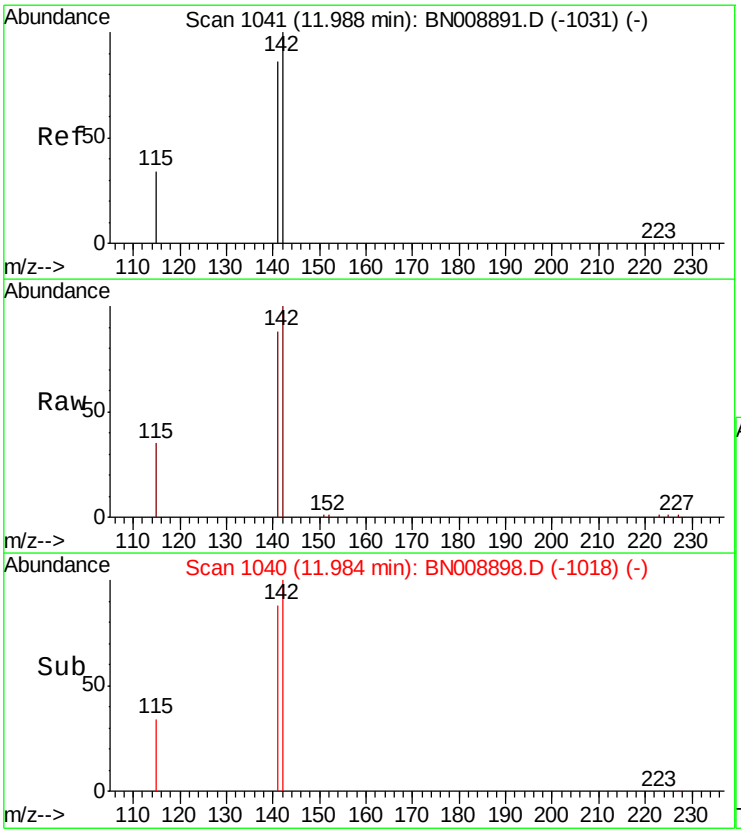
#11
2-Methylnaphthalene-d10
Concen: 0.421 ng
RT: 11.91 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9044

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8

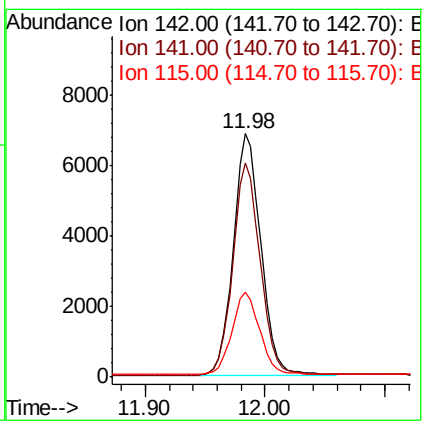


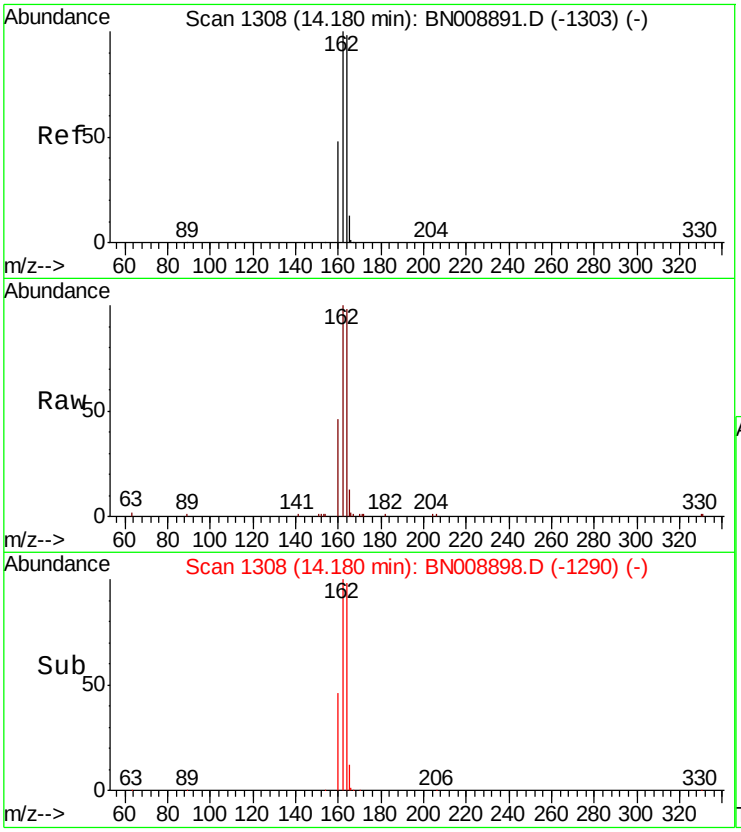


#12
2-Methylnaphthalene
Concen: 0.426 ng
RT: 11.98 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:142 Resp: 10895

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.3	103.9
115	35.1	27.9	41.9



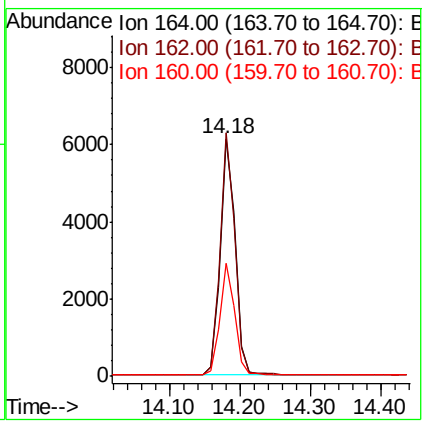


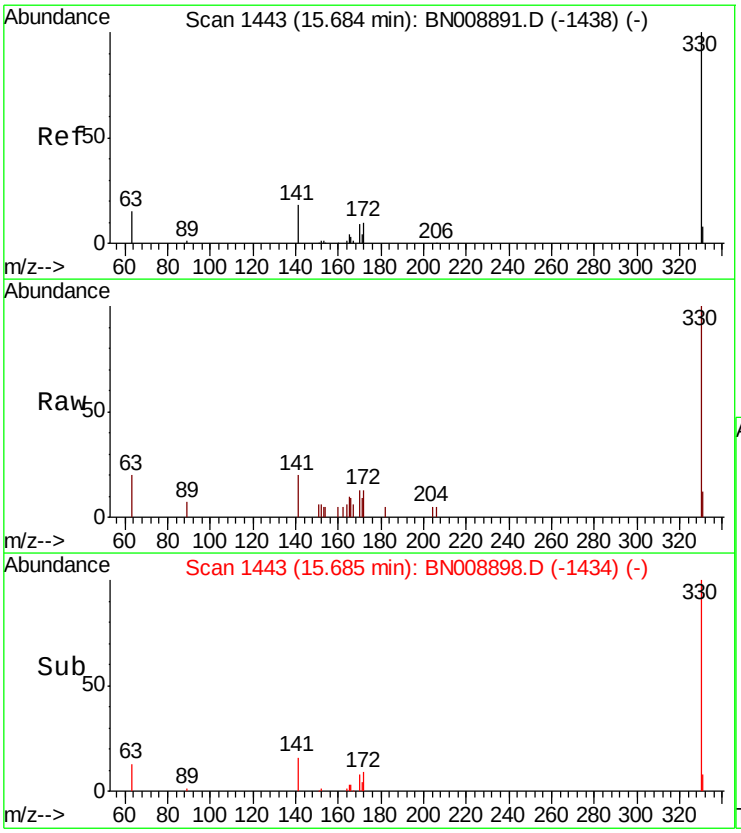
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9105

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.9	122.9
160	47.5	39.3	58.9

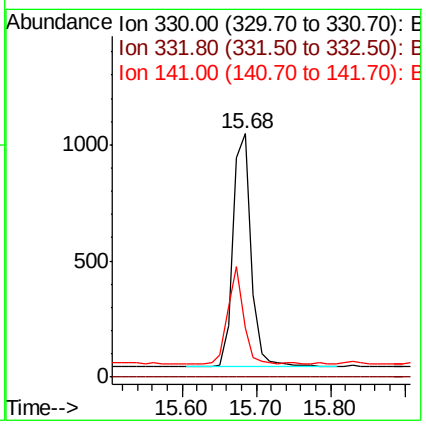


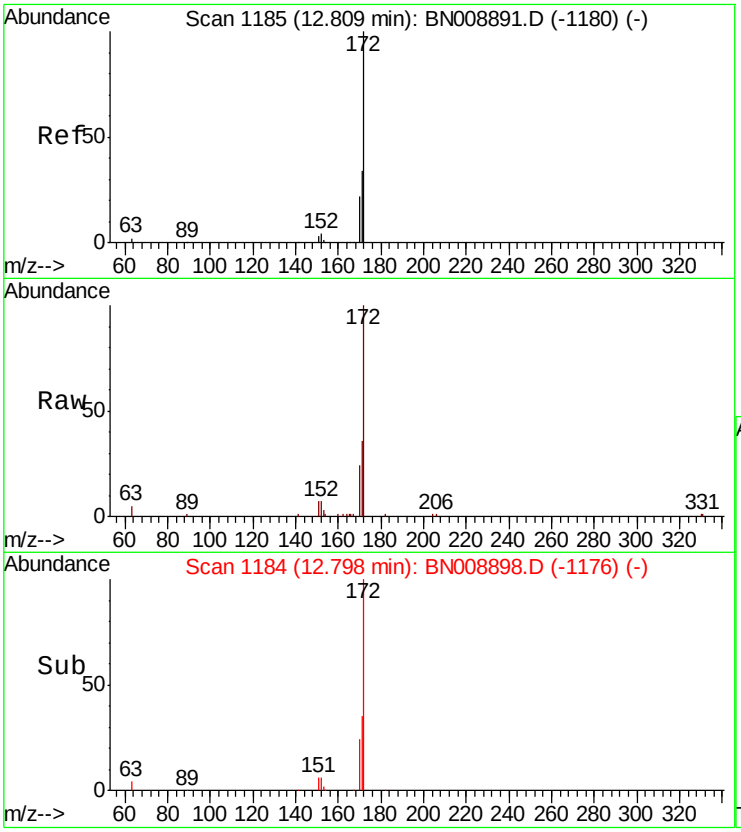


#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:330 Resp: 1692

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.8	29.6	44.4



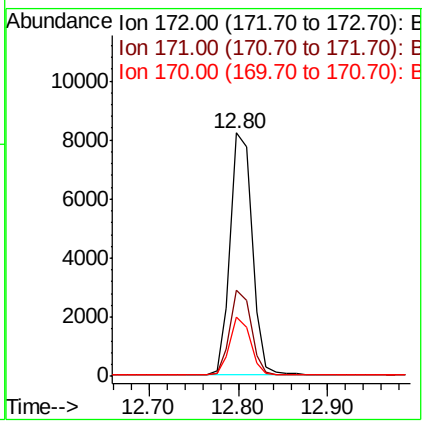


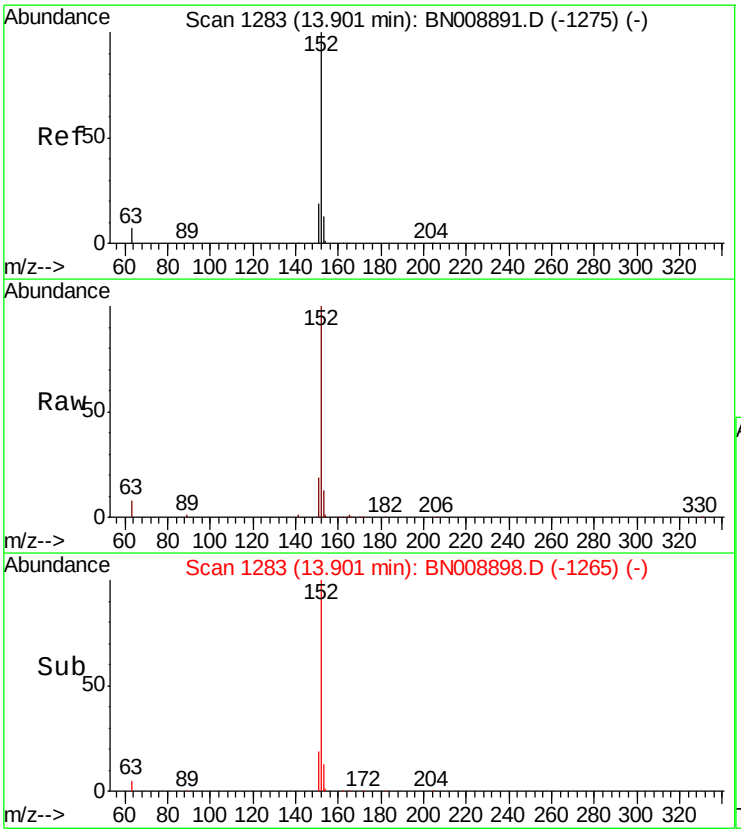
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 14033

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.1	40.7
170	24.2	17.7	26.5

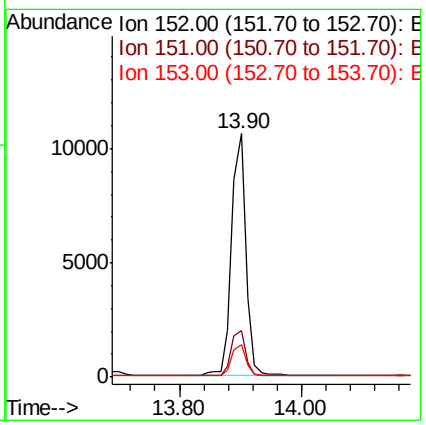


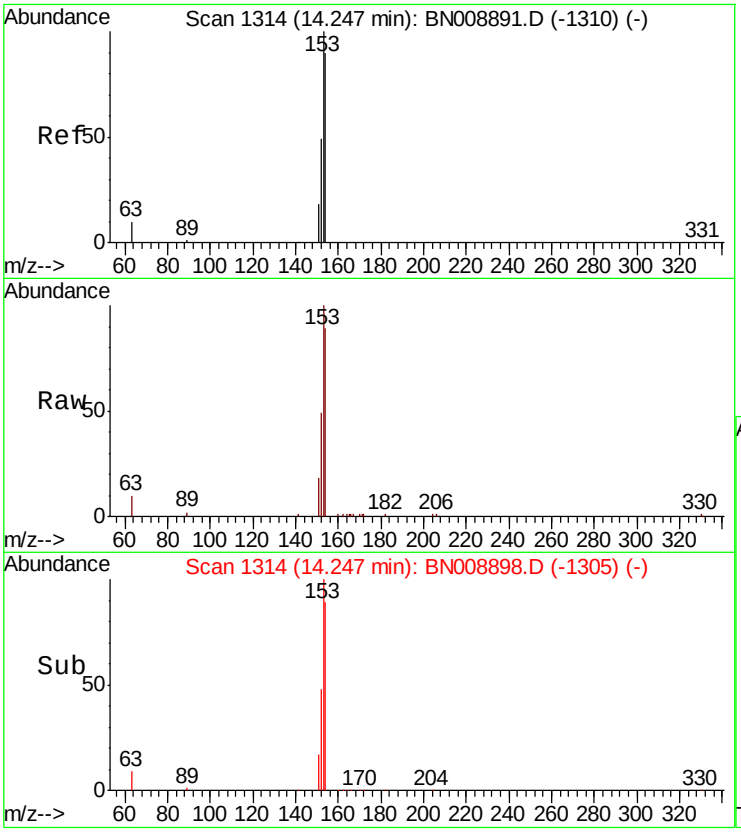


#16
Acenaphthylene
Concen: 0.418 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:152 Resp: 17411

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9
153	12.9	10.3	15.5



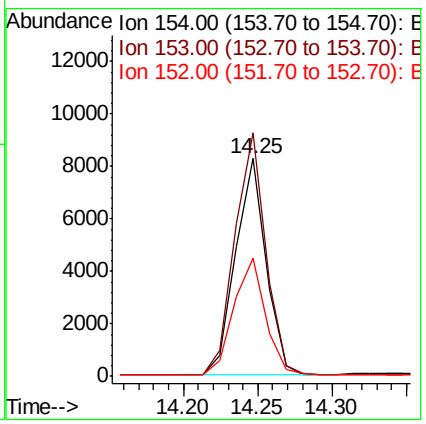


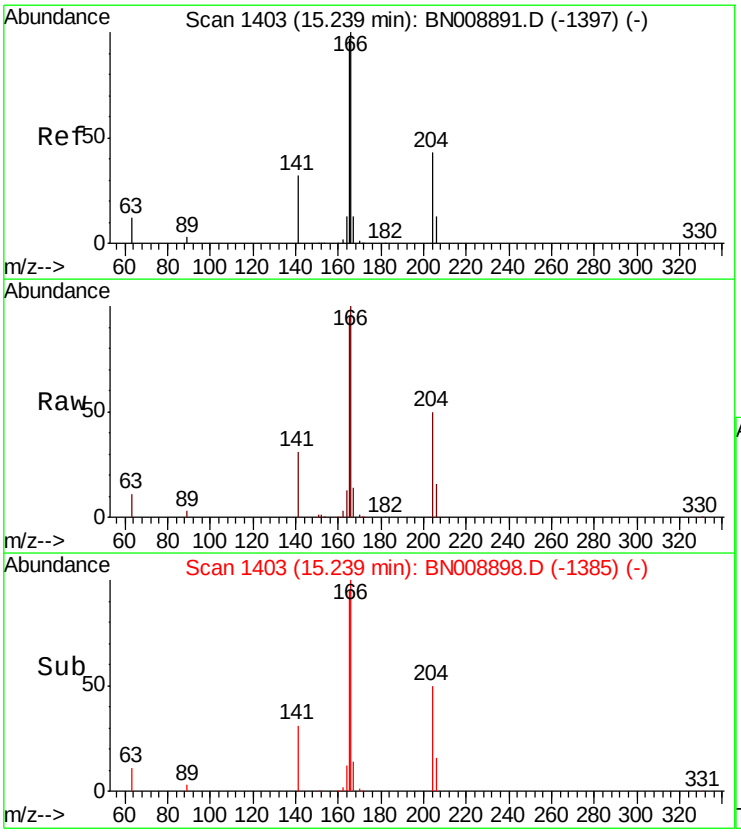
#17
Acenaphthene
Concen: 0.424 ng
RT: 14.25 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 11713

Ion	Ratio	Lower	Upper
154	100		
153	113.7	89.2	133.8
152	56.2	44.2	66.4

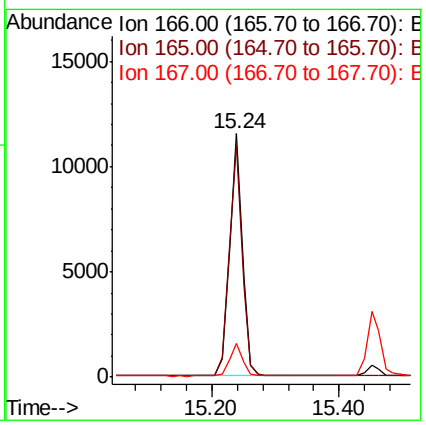


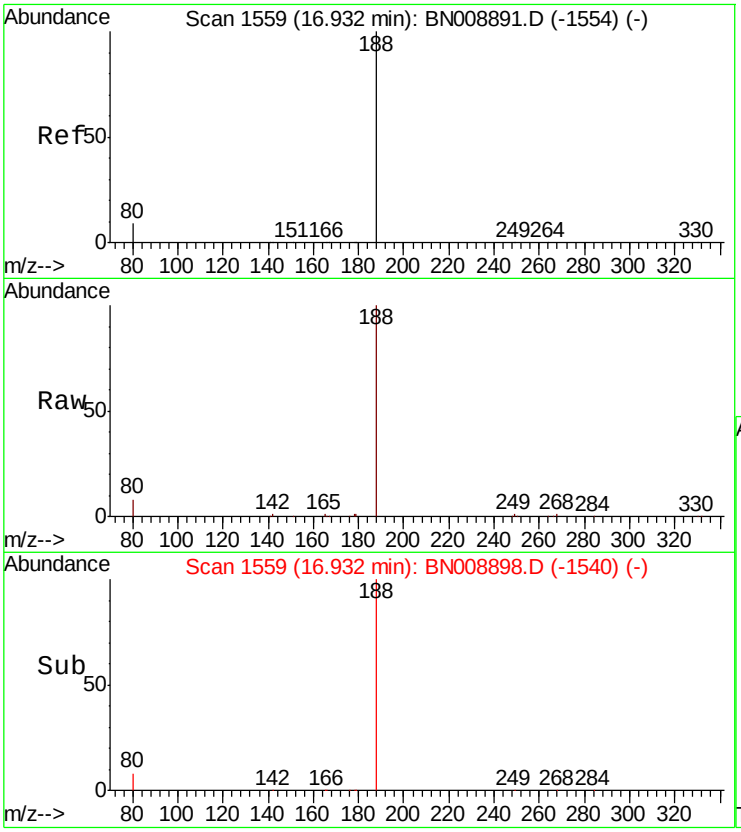


#18
Fluorene
Concen: 0.432 ng
RT: 15.24 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:166 Resp: 16071

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.3	115.9
167	13.8	10.8	16.2



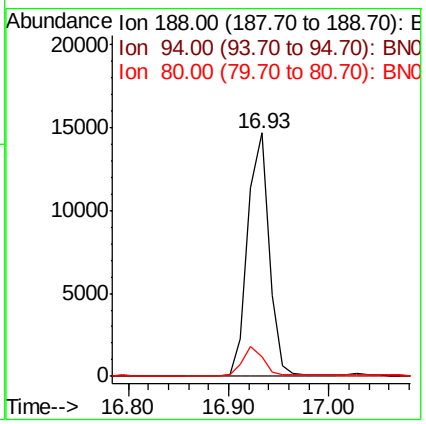


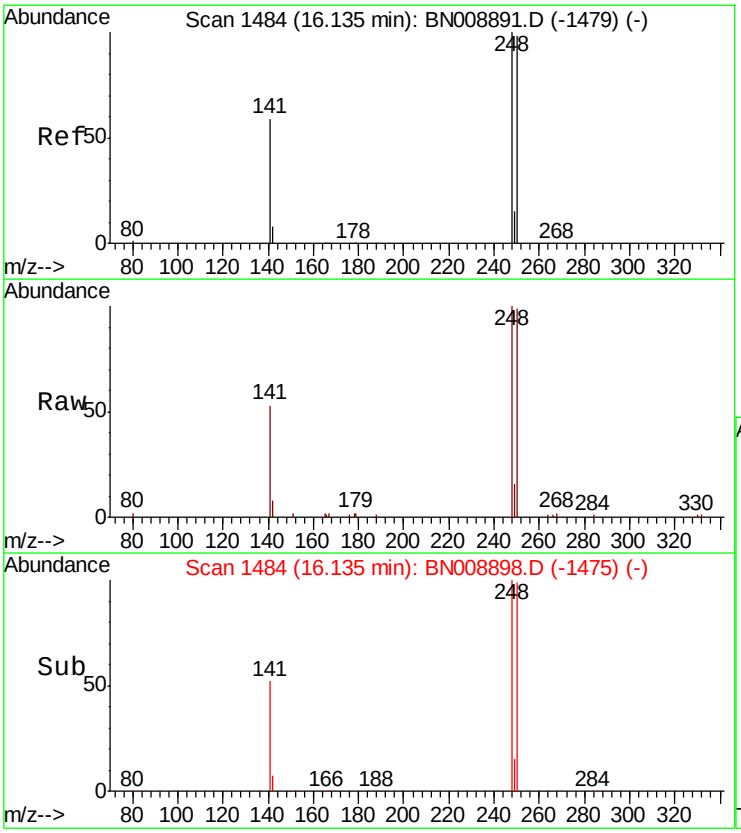
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 21660

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	7.3	10.9

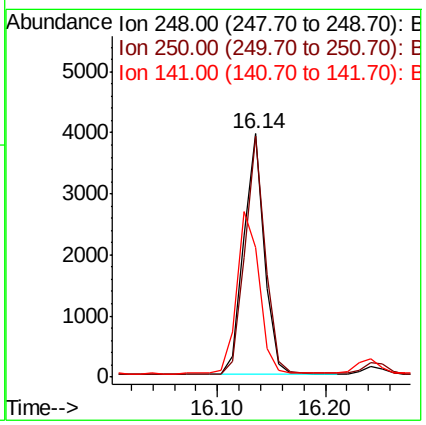


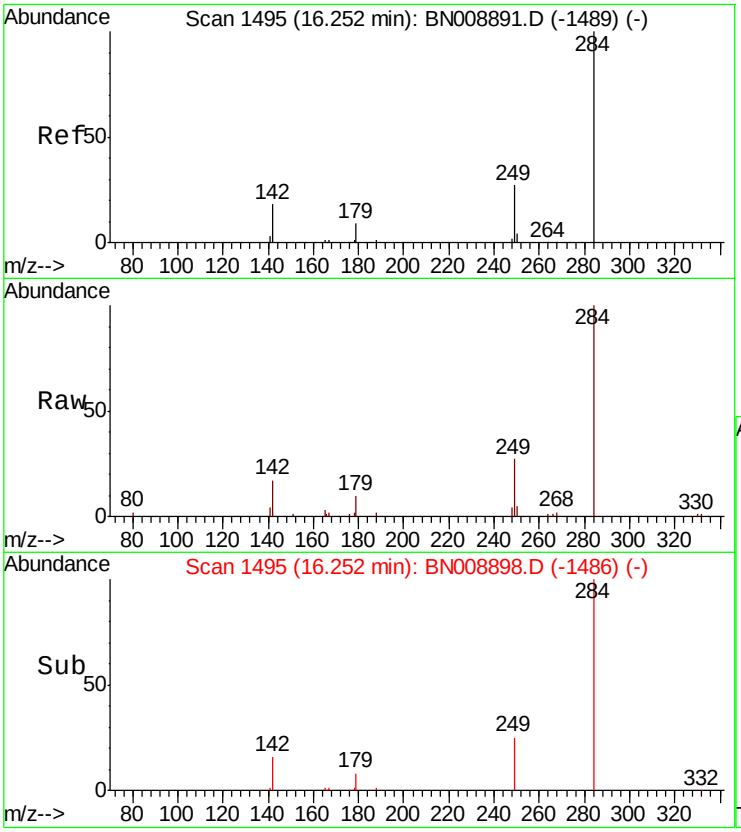


#20
4-Bromophenyl-phenylether
Concen: 0.402 ng
RT: 16.14 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:248 Resp: 5207

Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.7	118.1
141	53.4	47.9	71.9



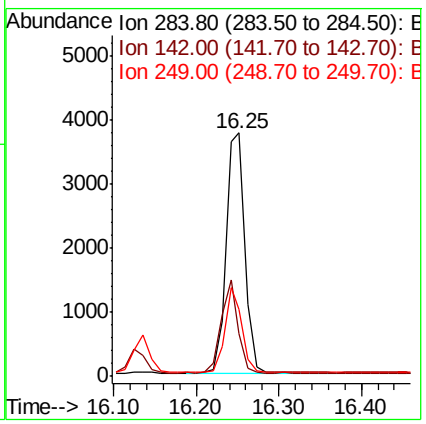


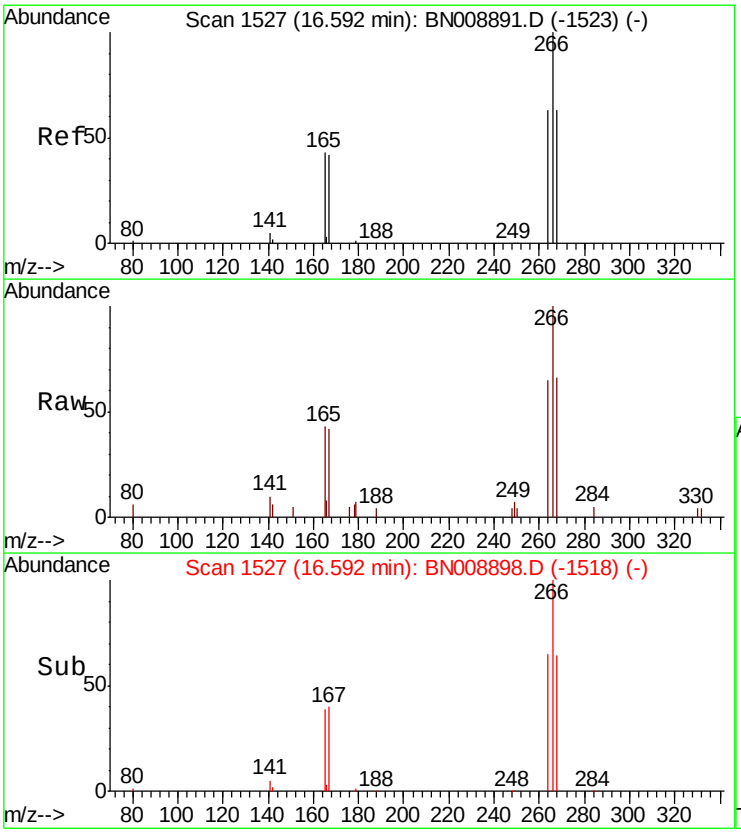
#21
Hexachlorobenzene
Concen: 0.407 ng
RT: 16.25 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 6003

Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.8	41.6
249	31.1	25.3	37.9

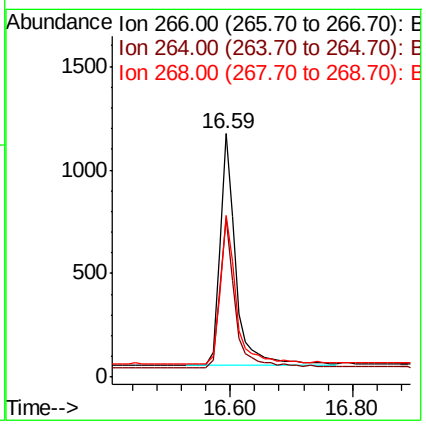


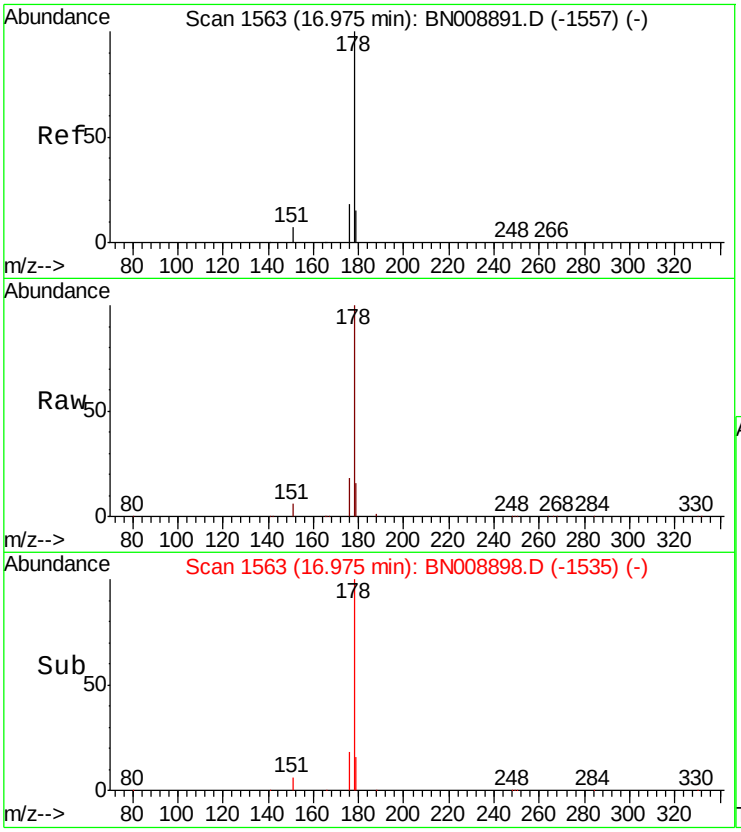


#22
Pentachlorophenol
Concen: 0.383 ng
RT: 16.59 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:266 Resp: 2039

Ion	Ratio	Lower	Upper
266	100		
264	65.4	51.5	77.3
268	66.3	53.1	79.7



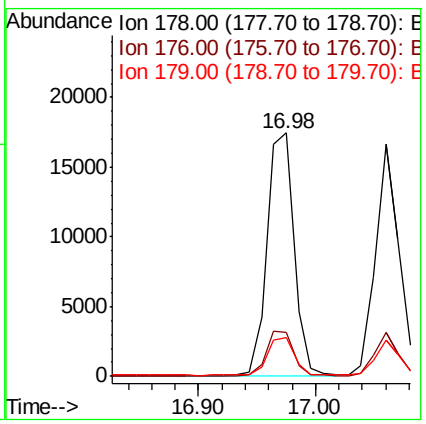


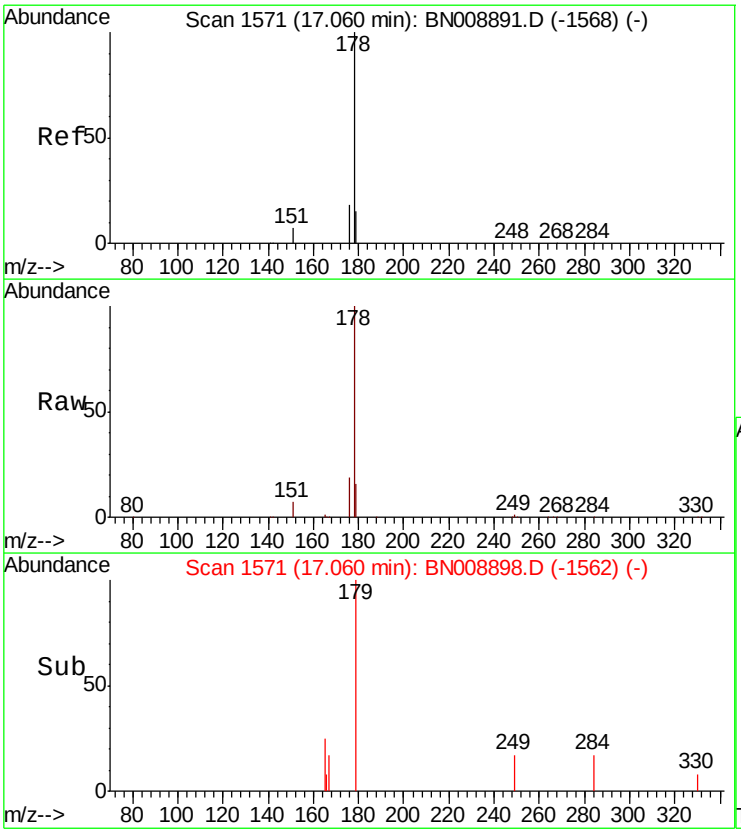
#23
Phenanthrene
Concen: 0.408 ng
RT: 16.98 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 27844

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.6	12.3	18.5

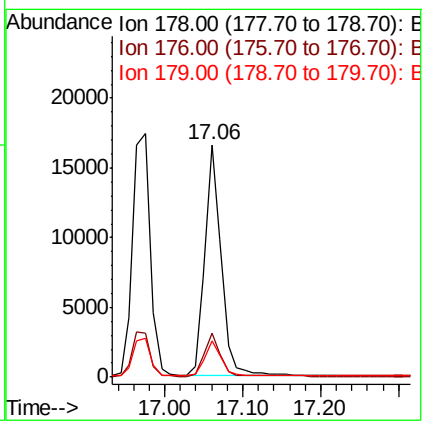


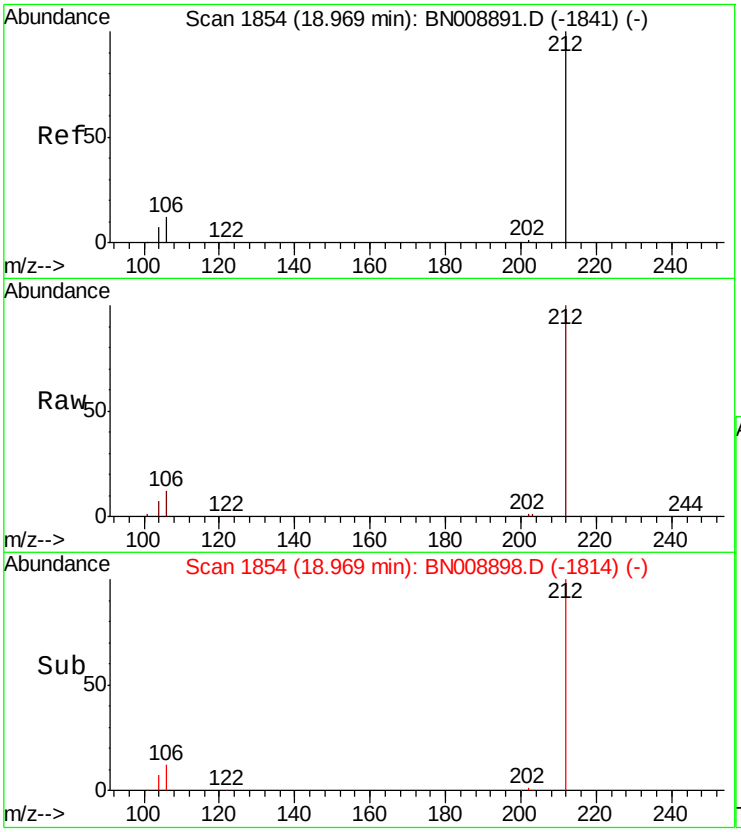


#24
Anthracene
Concen: 0.398 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:178 Resp: 23924

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.4	21.6
179	15.4	12.1	18.1



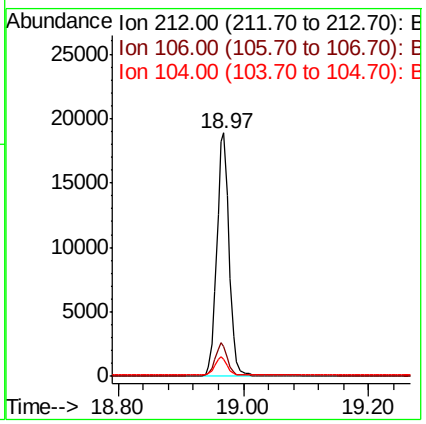


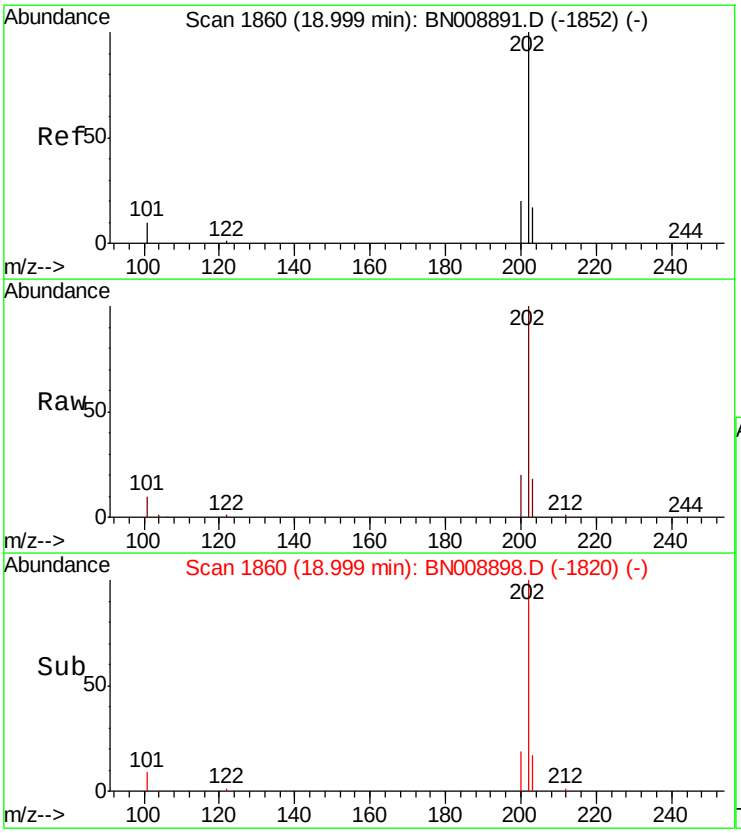
#25
Fluoranthene-d10
Concen: 0.396 ng
RT: 18.97 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 25981

Ion	Ratio	Lower	Upper
212	100		
106	13.1	10.4	15.6
104	7.4	5.9	8.9

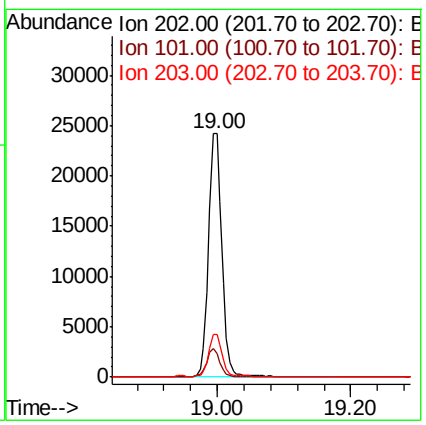


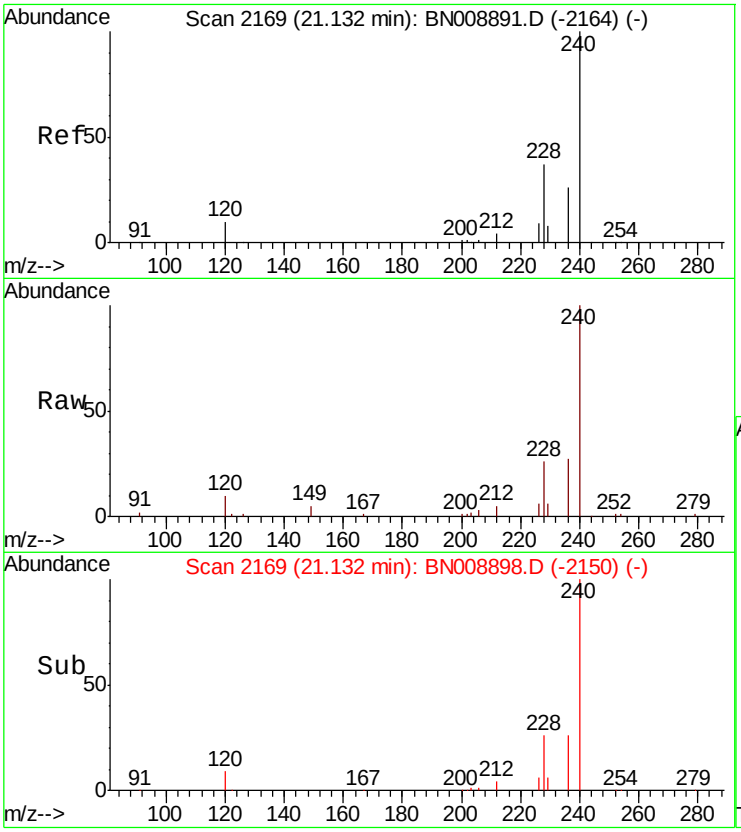


#26
Fluoranthene
Concen: 0.406 ng
RT: 19.00 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:202 Resp: 32933

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.8	13.2
203	17.0	13.8	20.6



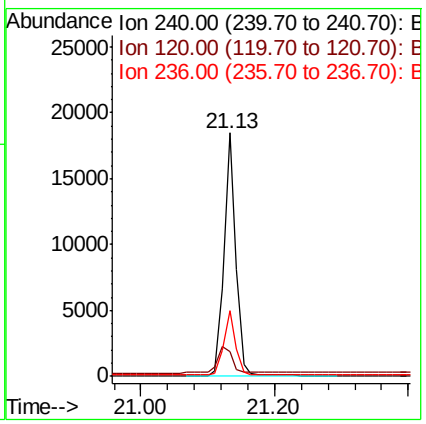


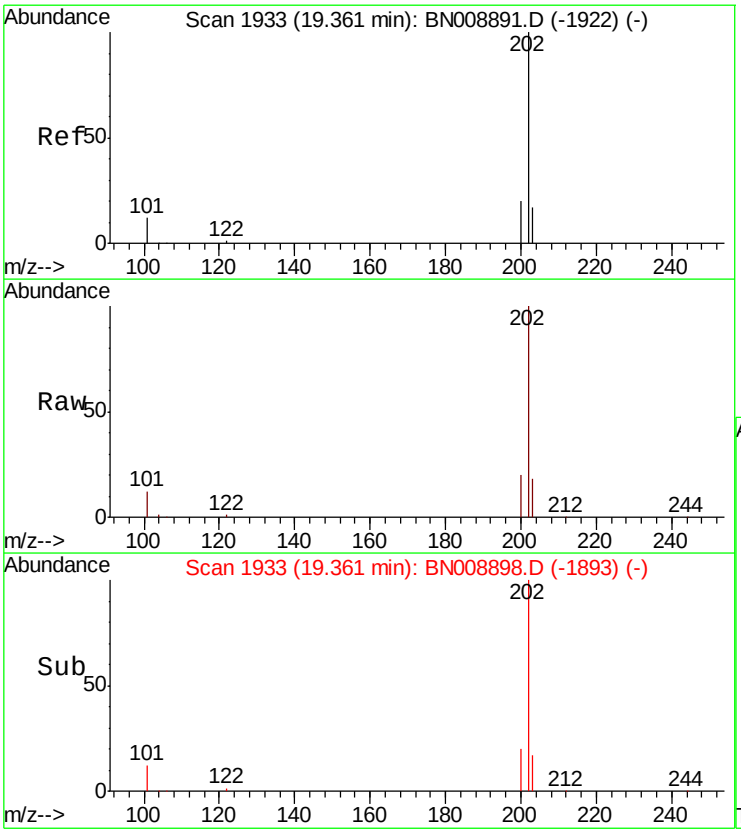
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 22185

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.1	13.7
236	26.9	21.5	32.3

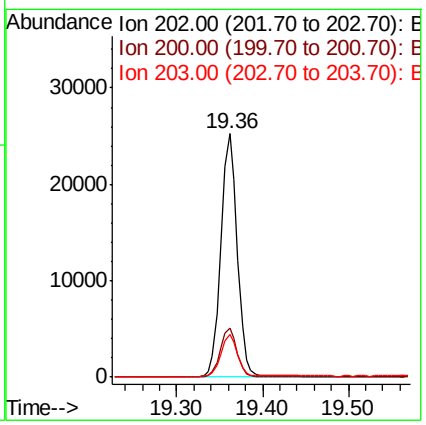


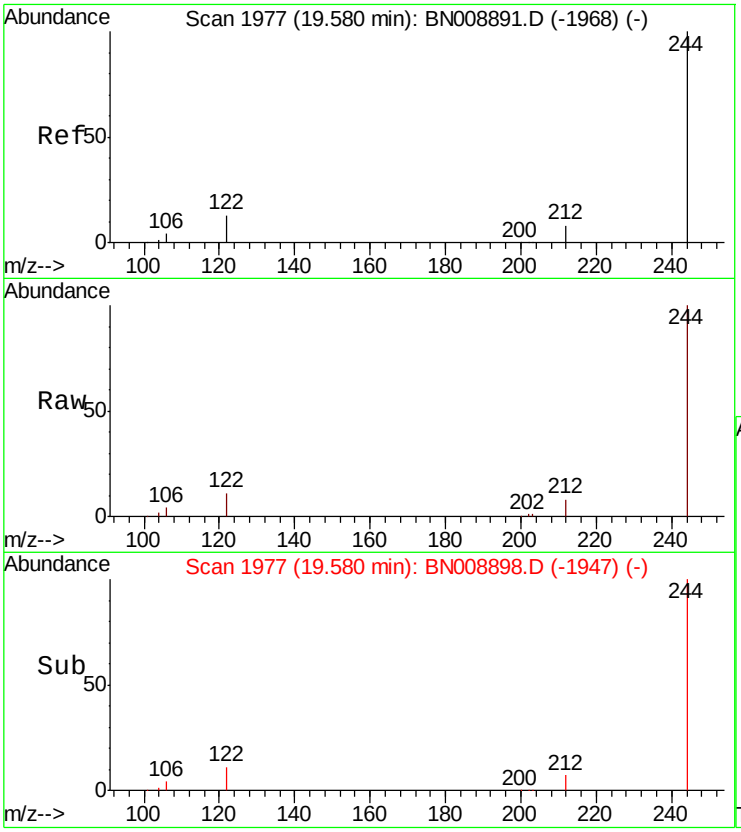


#28
Pyrene
Concen: 0.428 ng
RT: 19.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:202 Resp: 33284

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.1	24.1
203	17.5	13.9	20.9



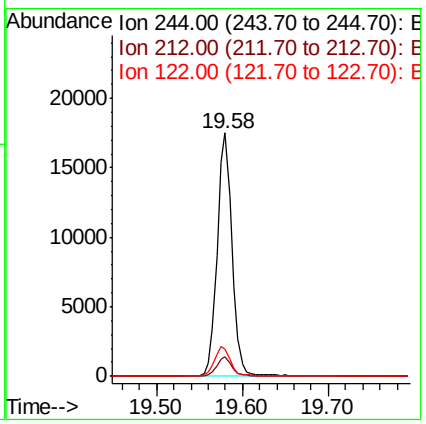


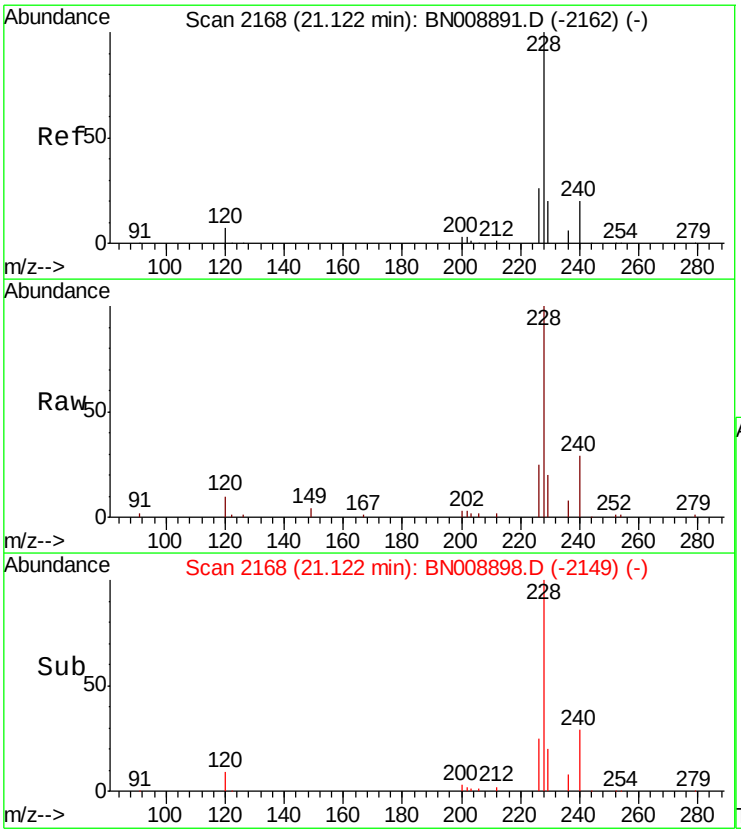
#29
Terphenyl-d14
Concen: 0.410 ng
RT: 19.58 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 20737

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	11.4	10.4	15.6

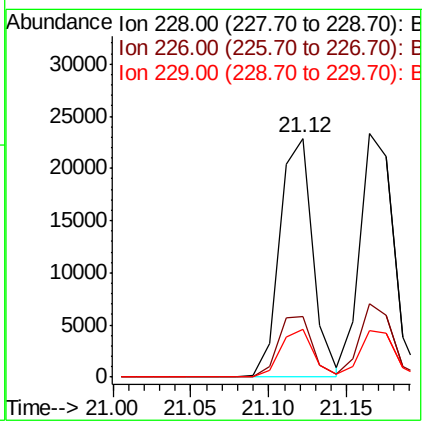


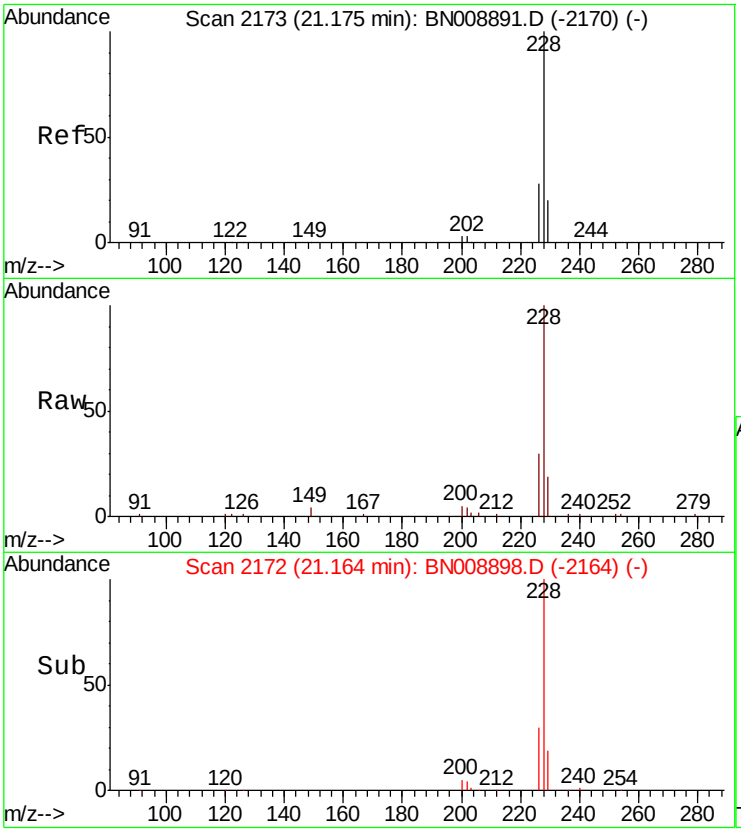


#30
Benzo(a)anthracene
Concen: 0.422 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:228 Resp: 33225

Ion	Ratio	Lower	Upper
228	100		
226	25.4	20.6	30.8
229	20.1	15.9	23.9



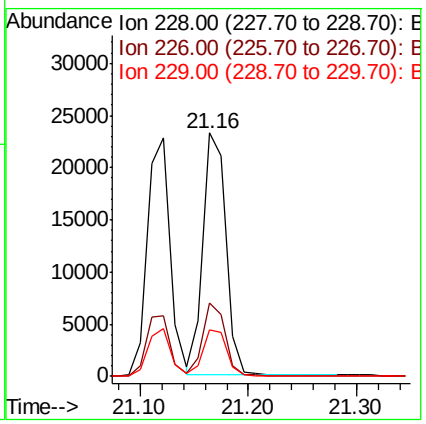


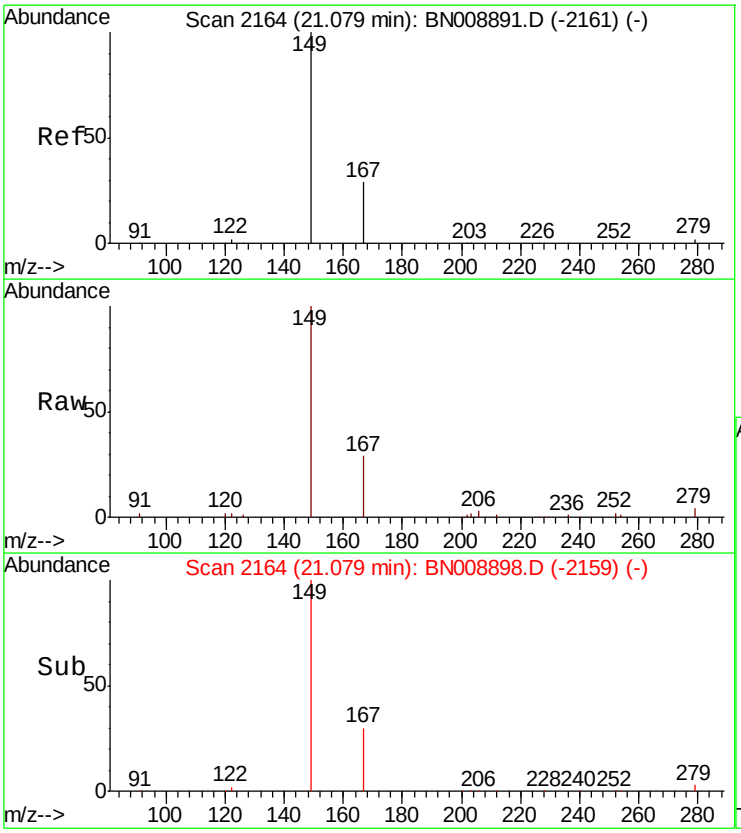
#31
Chrysene
Concen: 0.421 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 34332

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.2	33.4
229	19.2	15.9	23.9

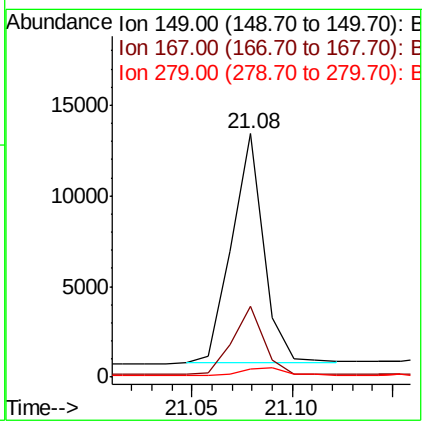


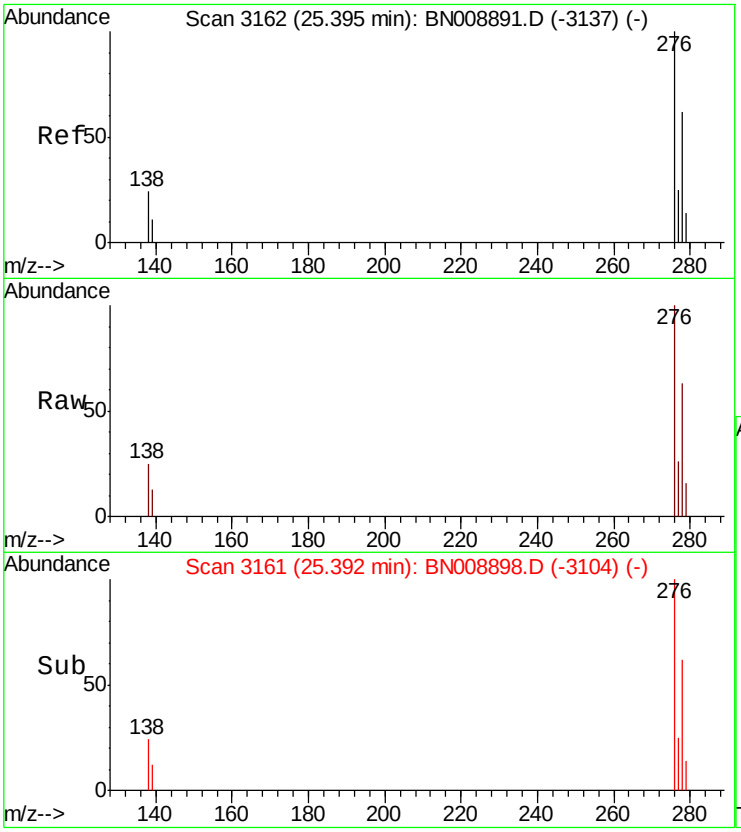


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.383 ng
RT: 21.08 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:149 Resp: 14100

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.7	34.1
279	4.2	3.3	4.9



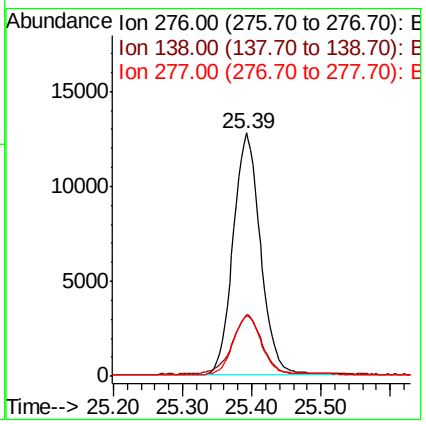


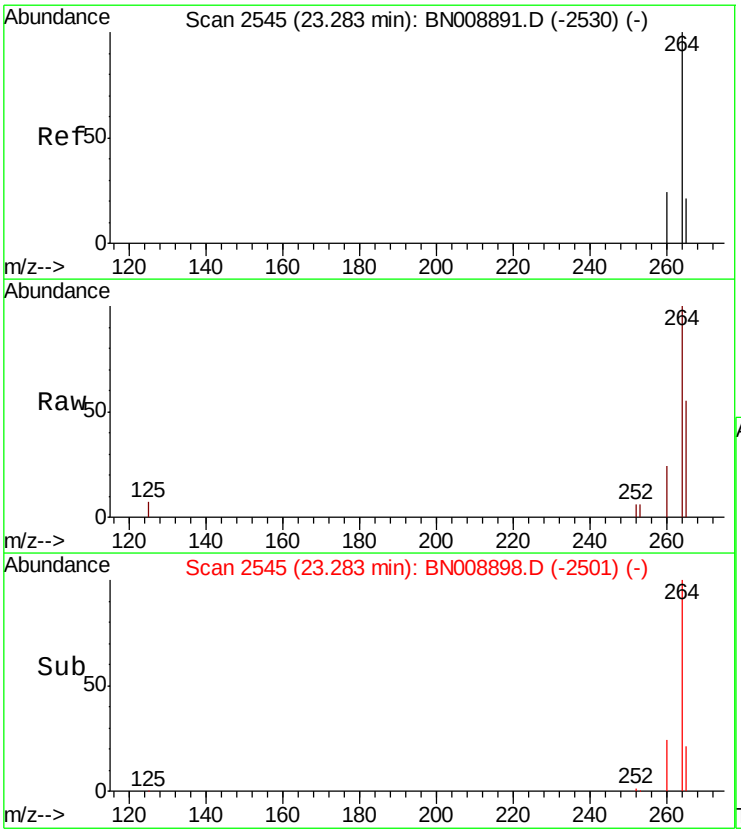
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng
RT: 25.39 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 35271

Ion	Ratio	Lower	Upper
276	100		
138	26.2	19.9	29.9
277	24.9	19.8	29.8

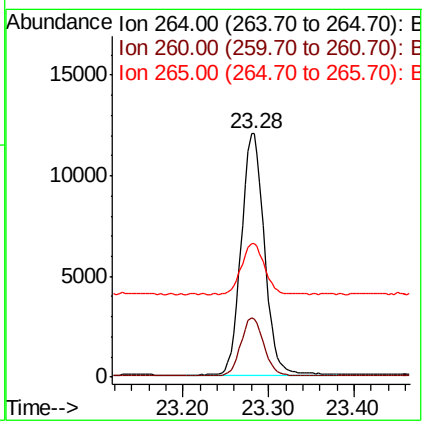


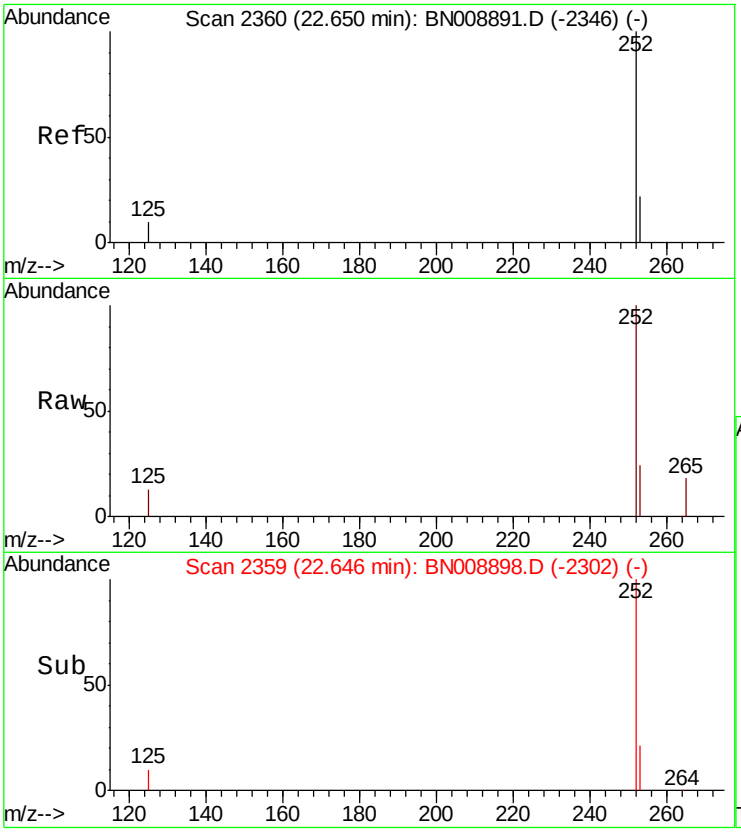


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:264 Resp: 22581

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	55.0	47.5	71.3



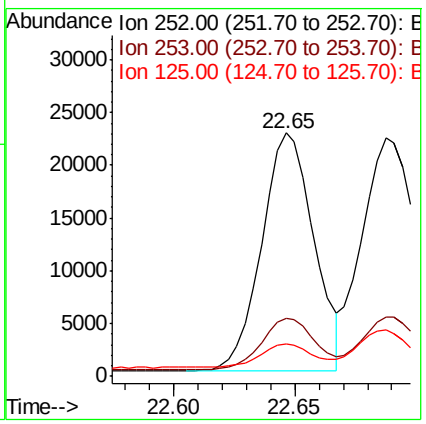


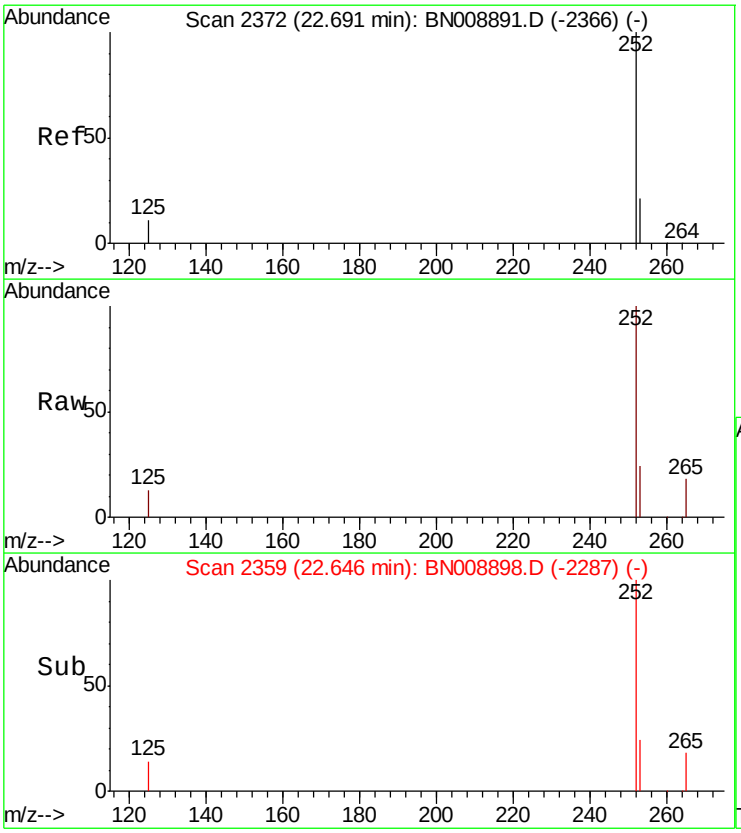
#35
Benzo(b)fluoranthene
Concen: 0.418 ng
RT: 22.65 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 33802

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.8	29.6
125	13.3	10.8	16.2

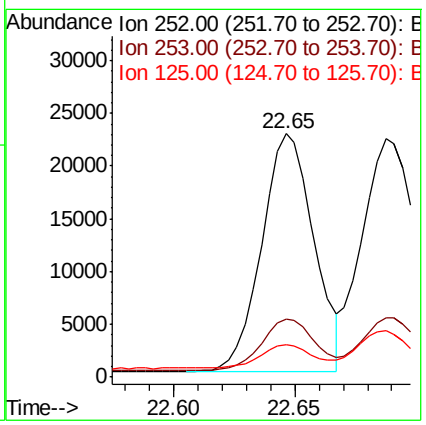


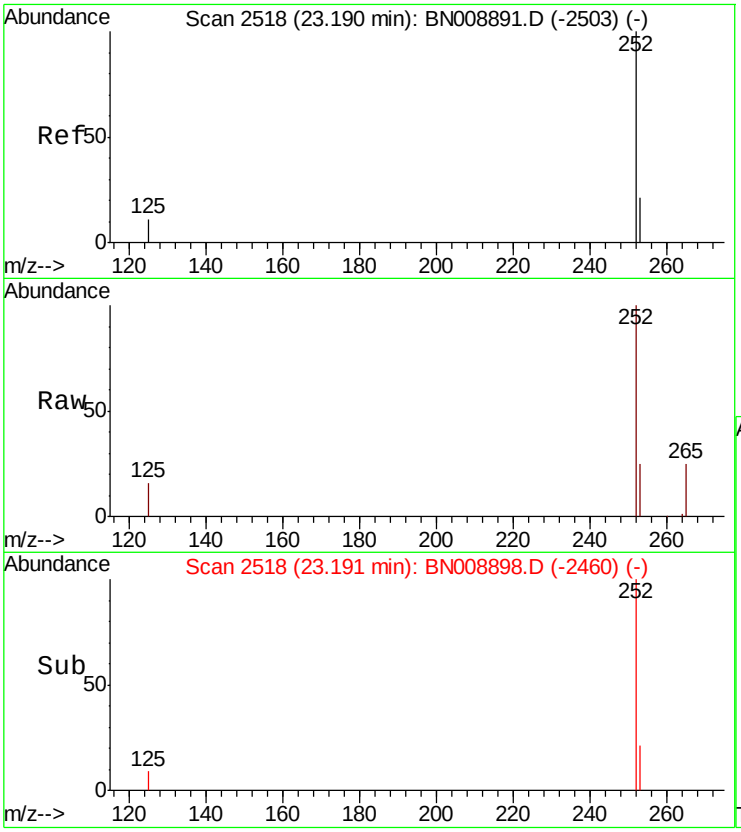


#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 22.65 min Scan# 2359
Delta R.T. -0.04 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:252 Resp: 33802

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	13.3	11.6	17.4



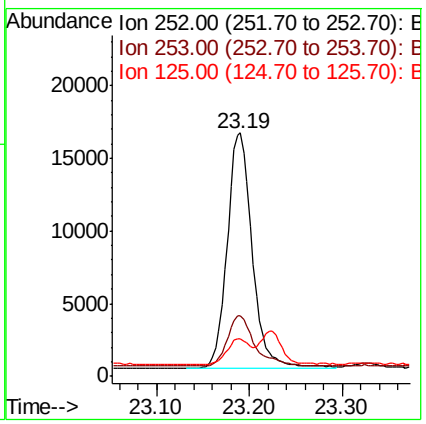


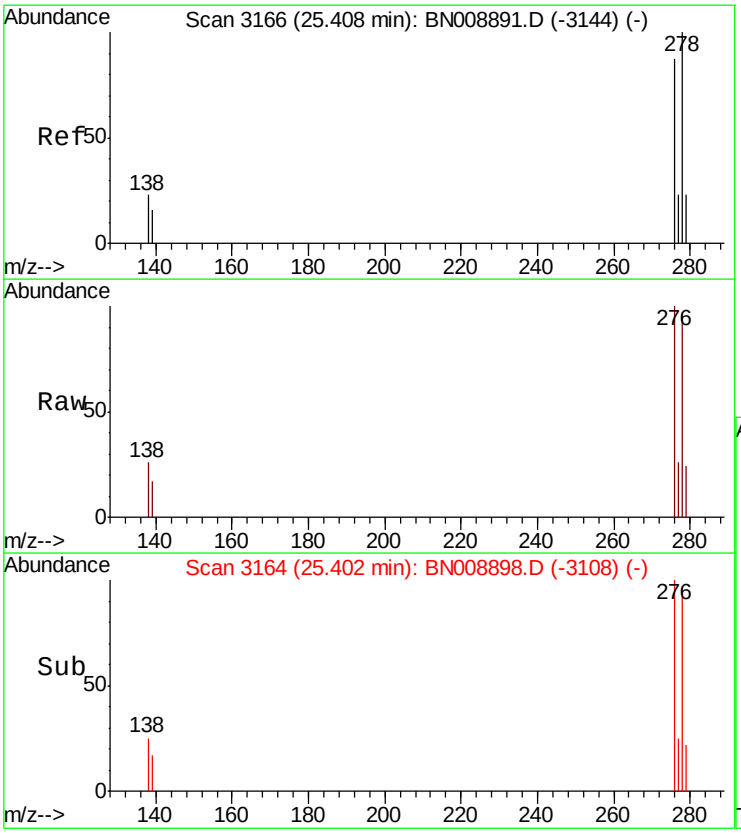
#37
Benzo(a)pyrene
Concen: 0.422 ng
RT: 23.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 30605

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.9	29.9
125	15.5	12.3	18.5

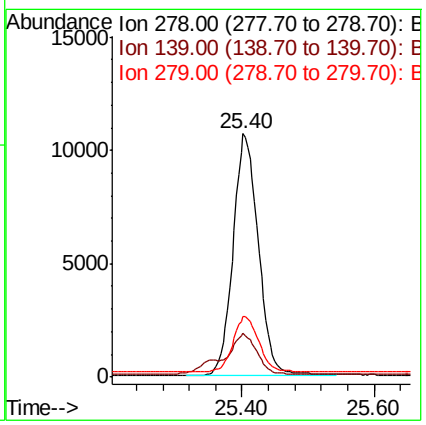


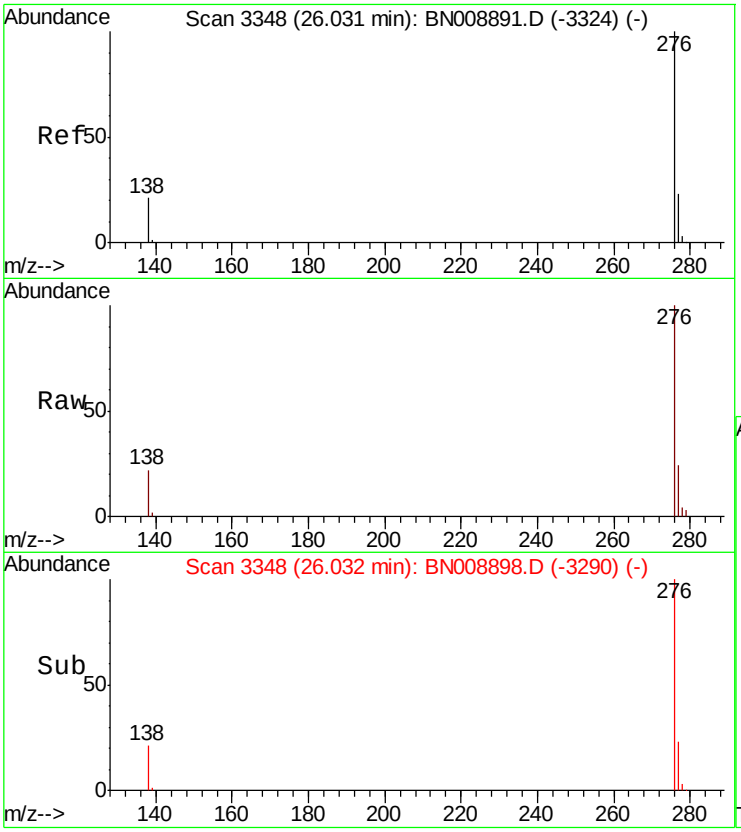


#38
Dibenzo(a,h)anthracene
Concen: 0.418 ng
RT: 25.40 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Tgt Ion:278 Resp: 28454

Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.9	20.9
279	25.1	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.415 ng
RT: 26.03 min Scan# 3348
Delta R.T. 0.00 min
Lab File: BN008898.D
Acq: 10 Dec 2019 10:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 27925

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	21.9	17.8	26.6