Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121819\
Data File : BN009027.D
Acq On : 18 Dec 2019 22:27
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 19 01:00:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 00:50:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3408	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	13163	0.40	ng		0.00
13) Acenaphthene-d10	14.16	164	8813	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	20524	0.40	ng		0.00
27) Chrysene-d12	21.11	240	17071	0.40	ng		0.00
34) Perylene-d12	23.26	264	15055	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	4231	0.49	ng		0.00
5) Phenol-d6	6.74	99	5202	0.43	ng		0.00
8) Nitrobenzene-d5	8.68	82	4490	0.40	ng		0.01
11) 2-Methylnaphthalene-d10	11.89	152	9009	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	1602	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.78	172	13342	0.40	ng		0.00
25) Fluoranthene-d10	18.95	212	25104	0.40	ng		0.00
29) Terphenyl-d14	19.56	244	19762	0.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	1658	0.518	ng		95
3) n-Nitrosodimethylamine	3.50	42	1973	0.447	ng	#	96
6) bis(2-Chloroethyl)ether	6.99	93	4594	0.407	ng		98
9) Naphthalene	10.34	128	15071	0.420	ng		100
10) Hexachlorobutadiene	10.65	225	3142	0.457	ng	#	100
12) 2-Methylnaphthalene	11.97	142	10845	0.405	ng		98
16) Acenaphthylene	13.87	152	17316	0.430	ng		99
17) Acenaphthene	14.23	154	11193	0.418	ng		99
18) Fluorene	15.22	166	14993	0.417	ng		100
20) 4-Bromophenyl-phenylether	16.12	248	5007	0.408	ng	#	91
21) Hexachlorobenzene	16.23	284	5897	0.422	ng		95
22) Pentachlorophenol	16.58	266	1660	0.329	ng		96
23) Phenanthrene	16.95	178	25980	0.402	ng		100
24) Anthracene	17.05	178	23807	0.418	ng		99
26) Fluoranthene	18.98	202	30871	0.402	ng		100
28) Pyrene	19.34	202	31176	0.521	ng		100
30) Benzo(a)anthracene	21.10	228	26974	0.446	ng		99
31) Chrysene	21.16	228	26223	0.418	ng		98
32) Bis(2-ethylhexyl)phthalate	21.06	149	19483	0.687	ng		99
33) Indeno(1,2,3-cd)pyrene	25.36	276	23402	0.352	ng		100
35) Benzo(b)fluoranthene	22.62	252	23375	0.434	ng		96
36) Benzo(k)fluoranthene	22.62	252	23375	0.431	ng		96
37) Benzo(a)pyrene	23.16	252	20733	0.428	ng		95
38) Dibenzo(a,h)anthracene	25.37	278	18873	0.416	ng		96
39) Benzo(g,h,i)perylene	26.00	276	19141	0.427	ng		98

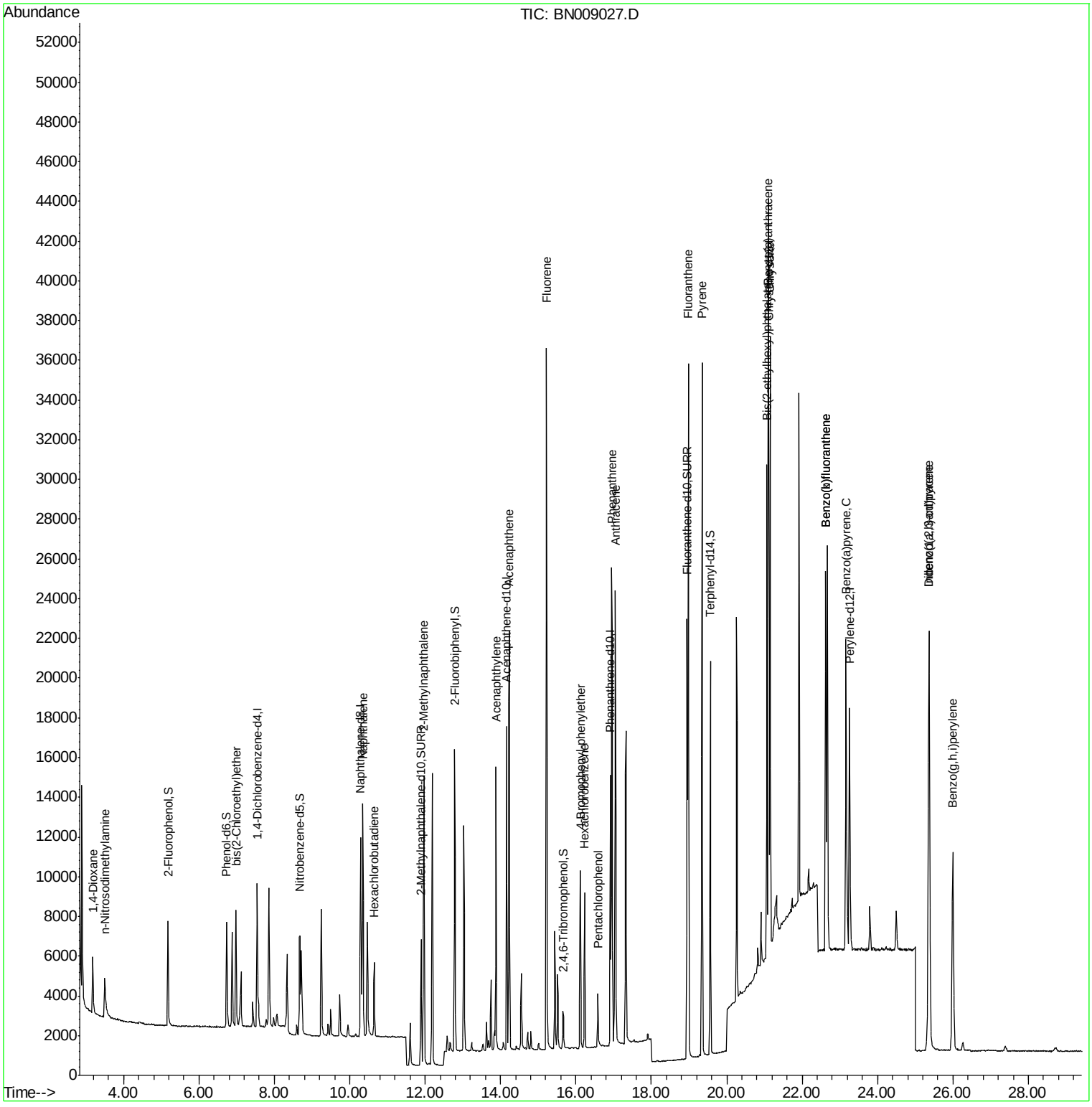
(#) = qualifier out of range (m) = manual integration (+) = signals summed

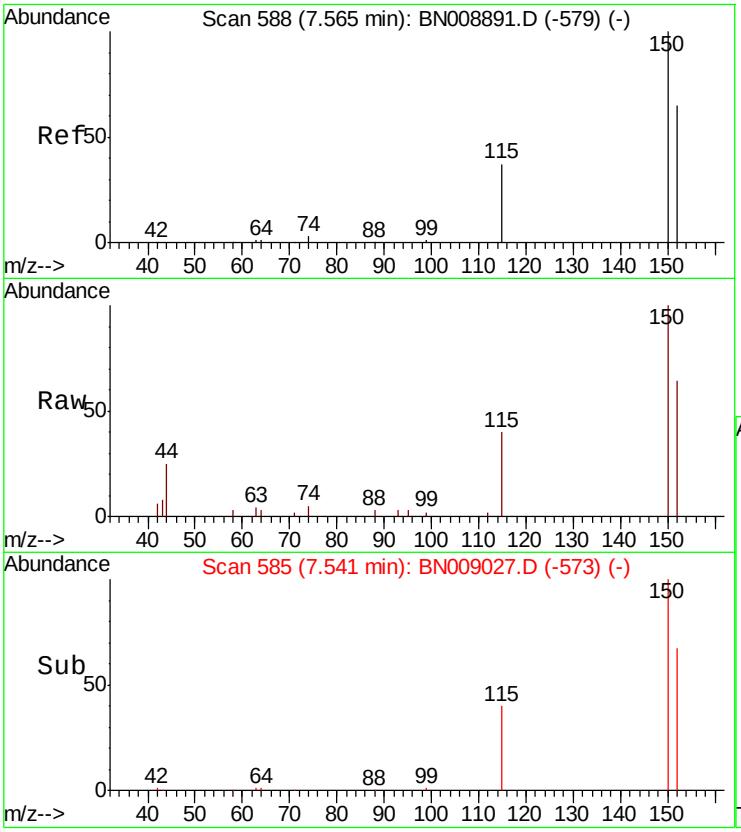
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121819\
Data File : BN009027.D
Acq On : 18 Dec 2019 22:27
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 19 01:00:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 00:50:46 2019
Response via : Initial Calibration



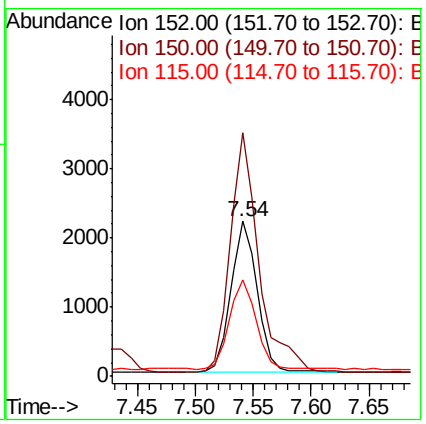


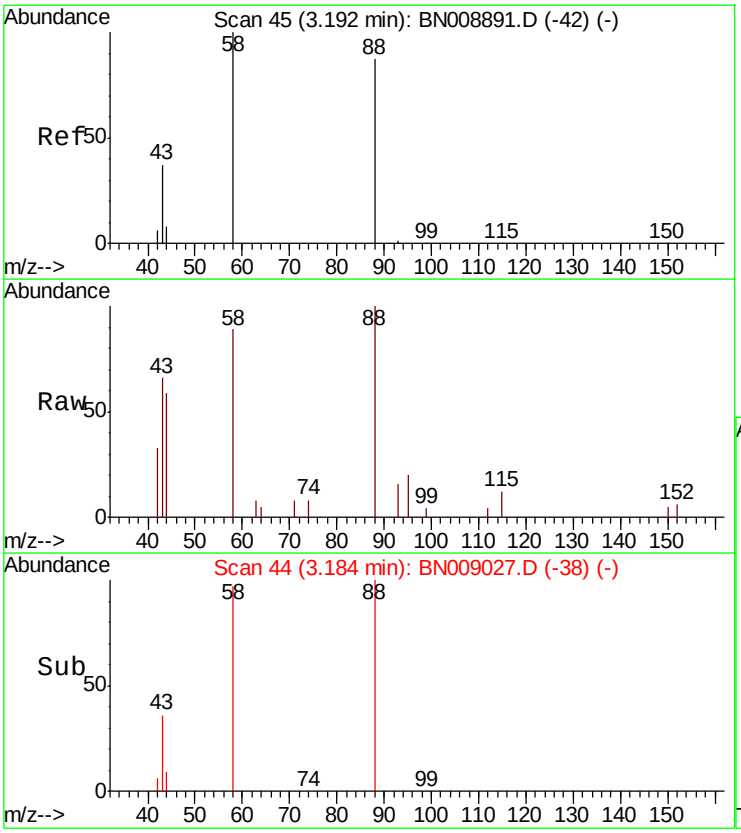
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. 0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3408

Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.3	183.5
115	62.6	48.4	72.6

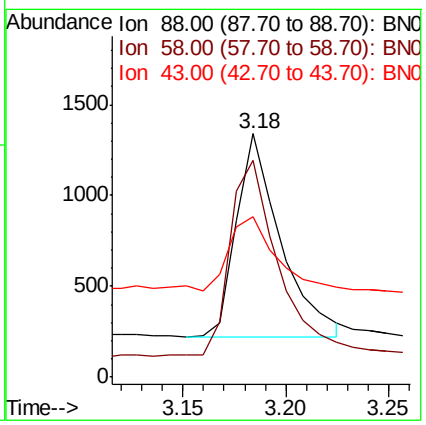


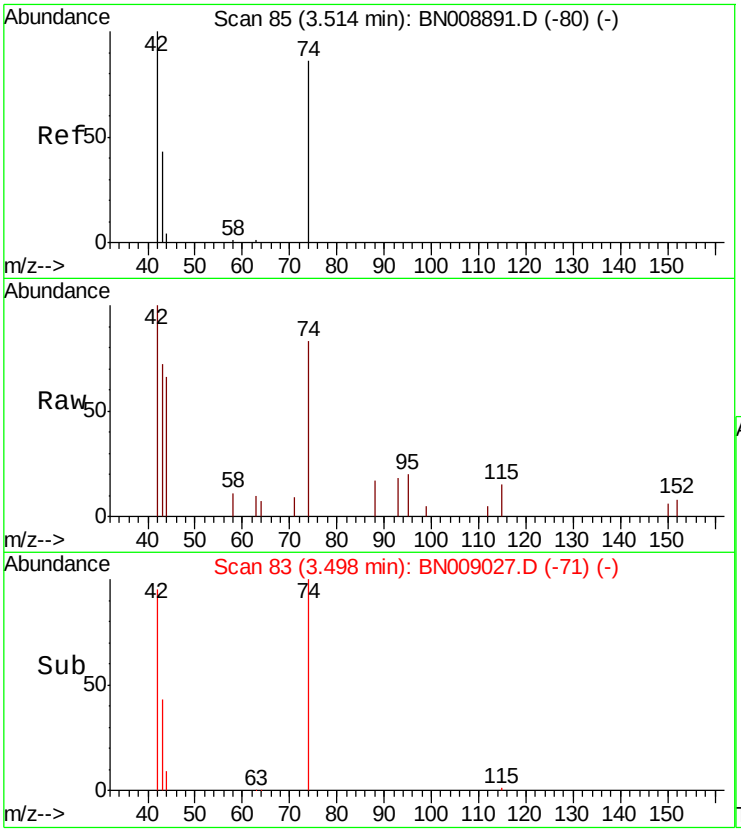


#2
1,4-Dioxane
Concen: 0.518 ng
RT: 3.18 min Scan# 44
Delta R.T. 0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion: 88 Resp: 1658

Ion	Ratio	Lower	Upper
88	100		
58	104.2	88.6	132.8
43	38.6	31.8	47.8



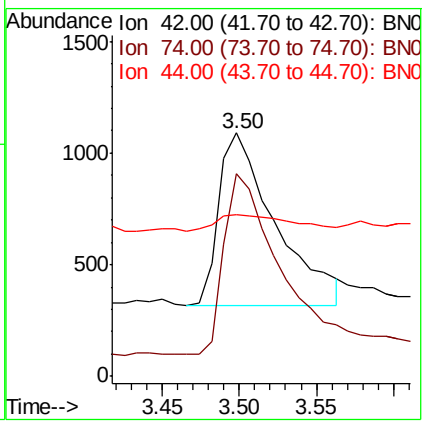


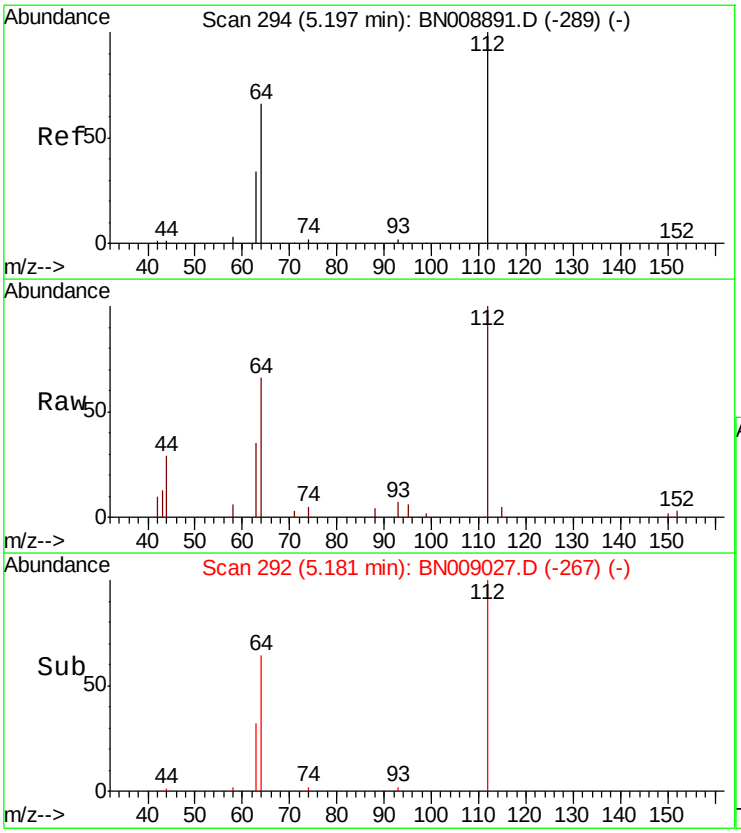
#3
n-Nitrosodimethylamine
Concen: 0.447 ng
RT: 3.50 min Scan# 83
Delta R.T. 0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1973

Ion	Ratio	Lower	Upper
42	100		
74	102.4	78.6	117.8
44	13.2	0.0	0.0#

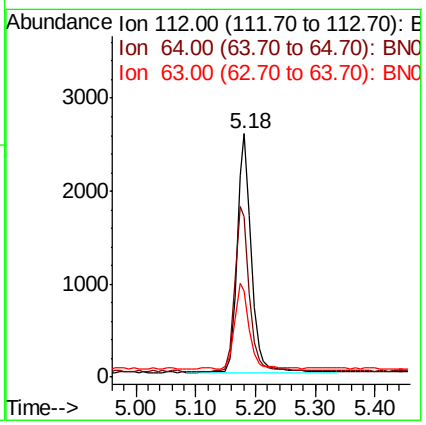


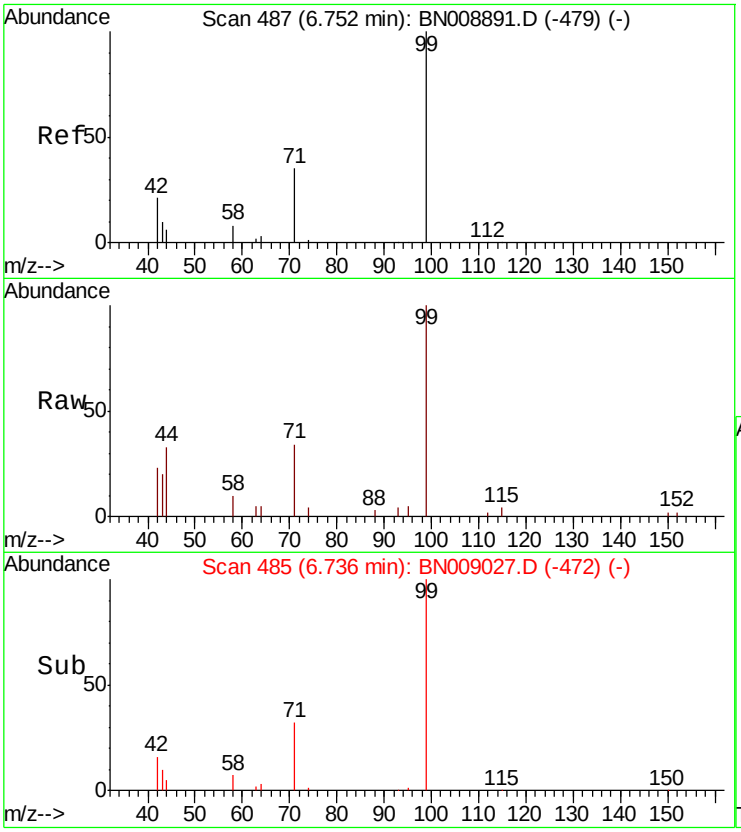


#4
2-Fluorophenol
Concen: 0.488 ng
RT: 5.18 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion:112 Resp: 4231

Ion	Ratio	Lower	Upper
112	100		
64	70.7	57.7	86.5
63	37.1	29.6	44.4



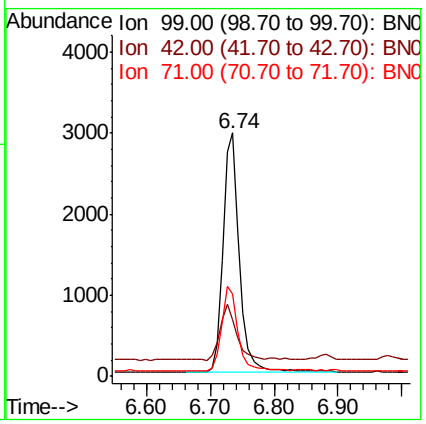


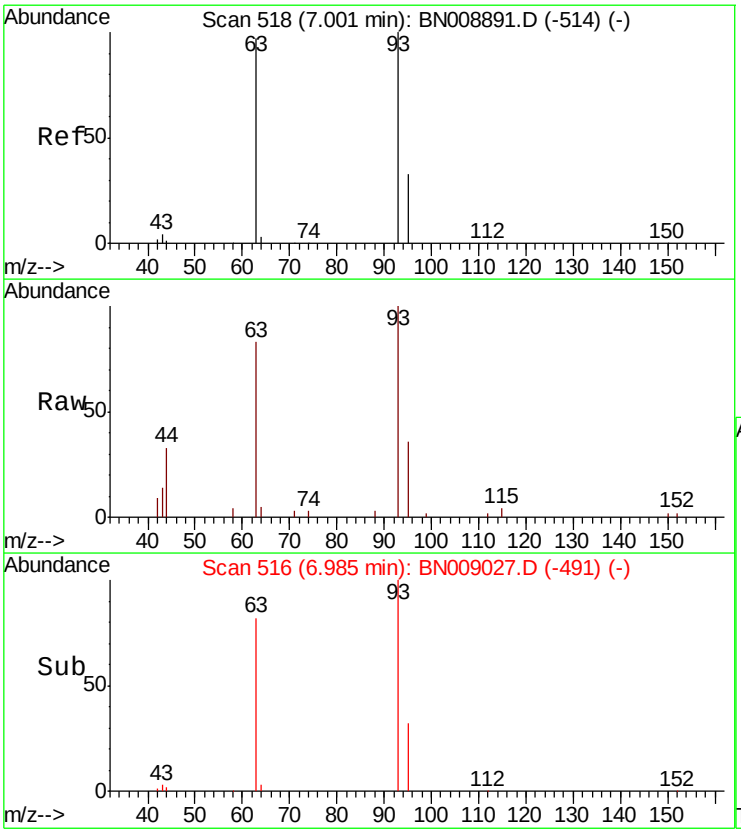
#5
Phenol-d6
Concen: 0.434 ng
RT: 6.74 min Scan# 485
Delta R.T. 0.01 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 5202

Ion	Ratio	Lower	Upper
99	100		
42	23.5	20.1	30.1
71	34.3	28.2	42.2

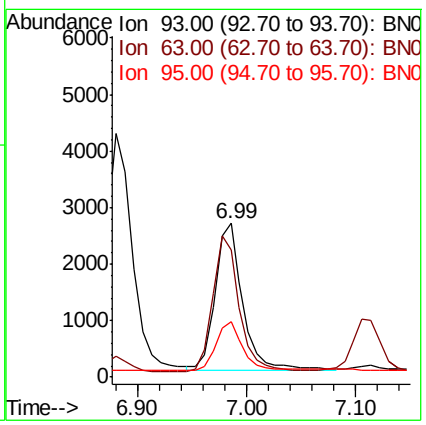


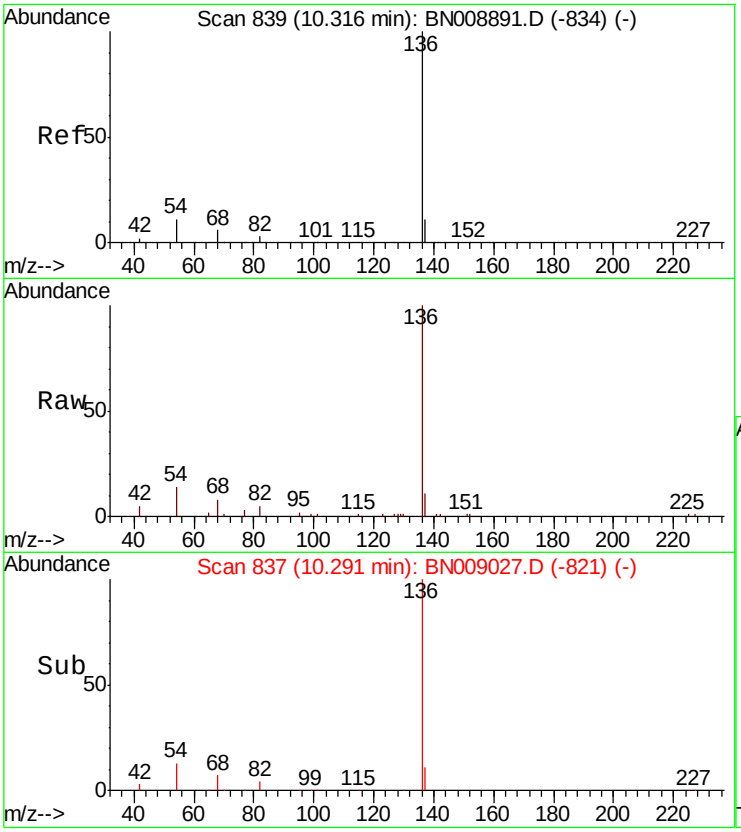


#6
bis(2-Chloroethyl)ether
Concen: 0.407 ng
RT: 6.99 min Scan# 516
Delta R.T. 0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion: 93 Resp: 4594

Ion	Ratio	Lower	Upper
93	100		
63	89.7	73.5	110.3
95	31.2	26.0	39.0



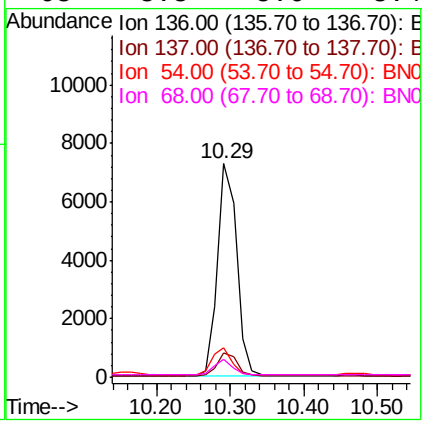


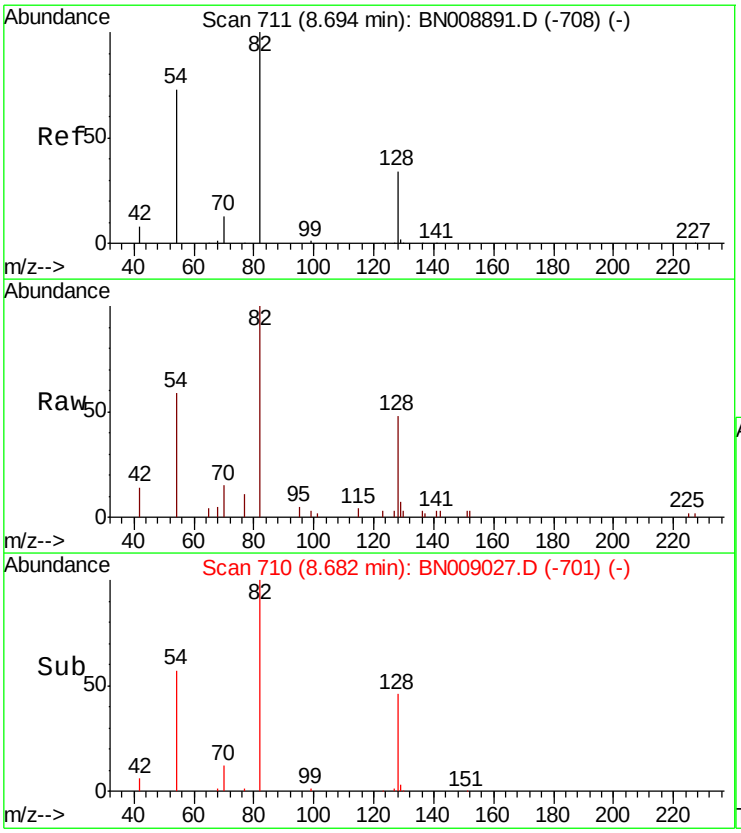
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 13163

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	13.9	9.6	14.4
68	8.3	5.6	8.4

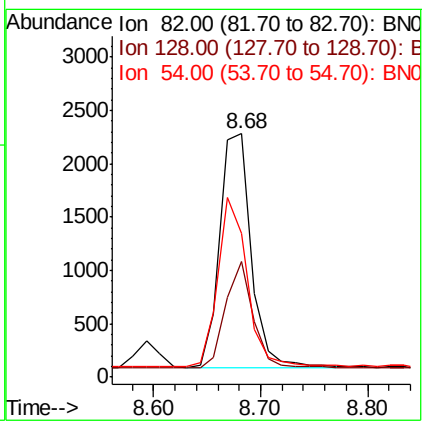


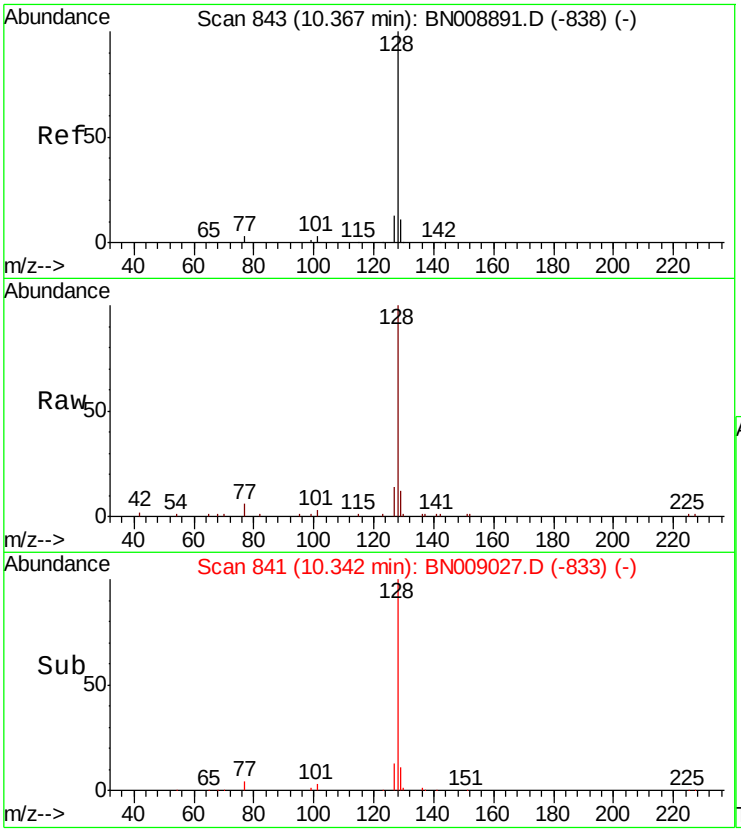


#8
Nitrobenzene-d5
Concen: 0.402 ng
RT: 8.68 min Scan# 710
Delta R.T. 0.01 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion: 82 Resp: 4490

Ion	Ratio	Lower	Upper
82	100		
128	47.7	29.1	43.7#
54	59.0	59.7	89.5#



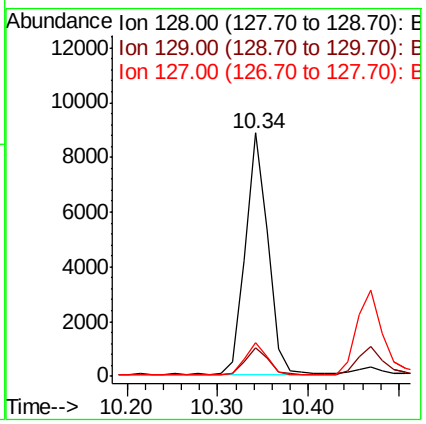


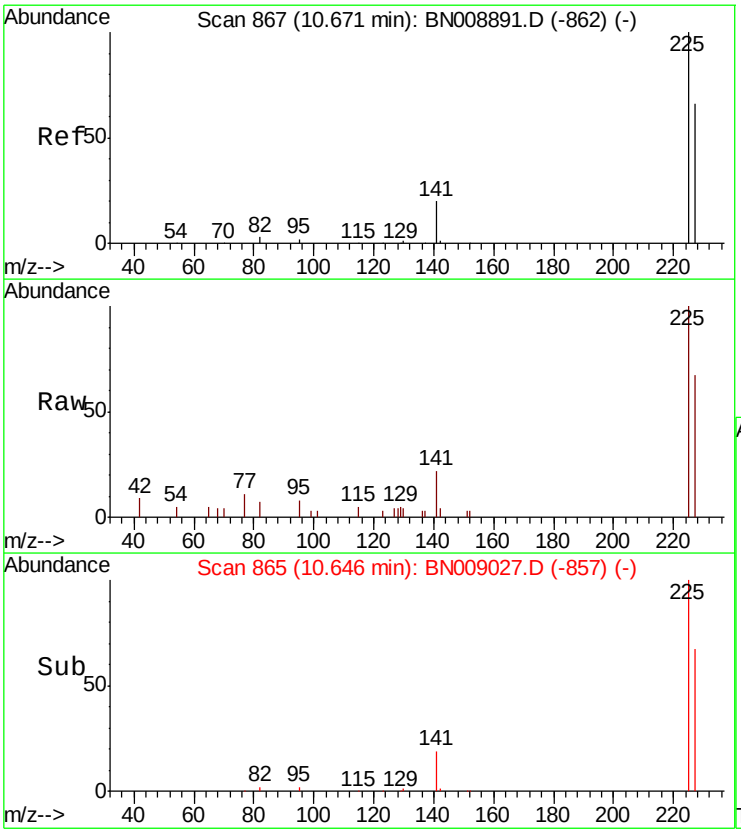
#9
Naphthalene
Concen: 0.420 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 15071

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.6	10.8	16.2

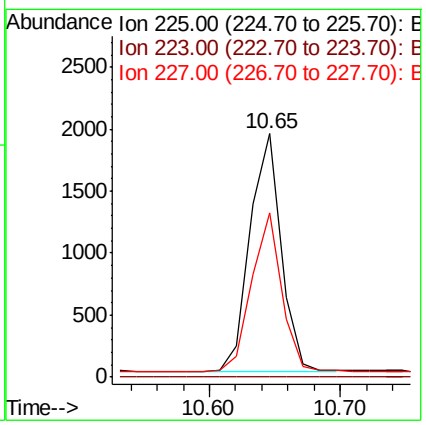


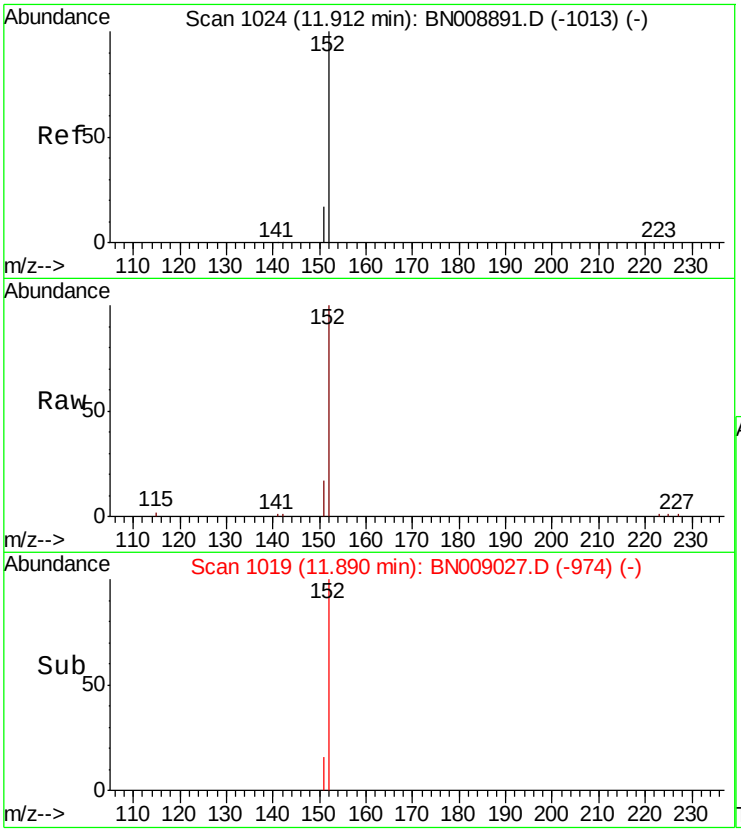


#10
Hexachlorobutadiene
Concen: 0.457 ng
RT: 10.65 min Scan# 865
Delta R.T. 0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion:225 Resp: 3142

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.4	77.2



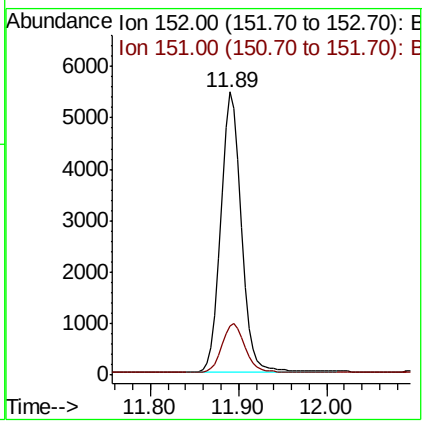


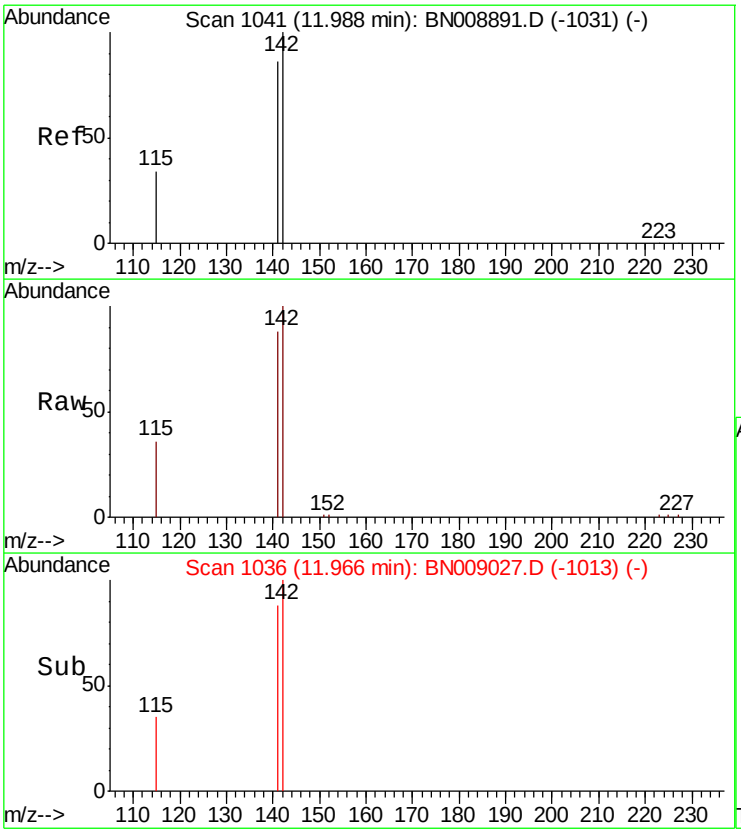
#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 11.89 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9009

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8

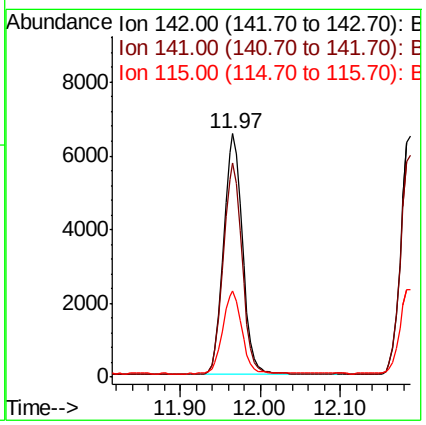


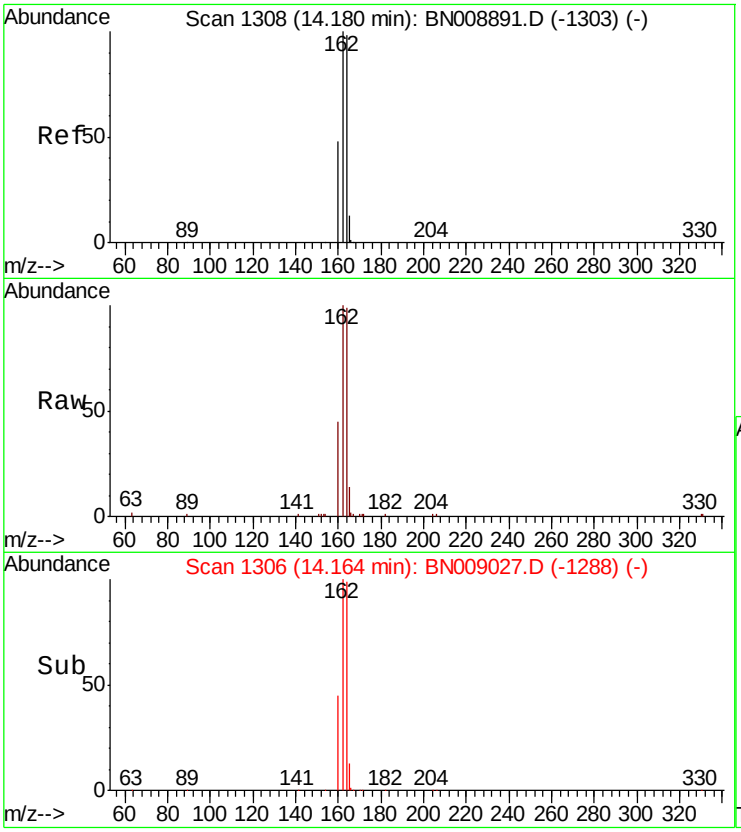


#12
2-Methylnaphthalene
Concen: 0.405 ng
RT: 11.97 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion:142 Resp: 10845

Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.3	103.9
115	35.7	27.9	41.9



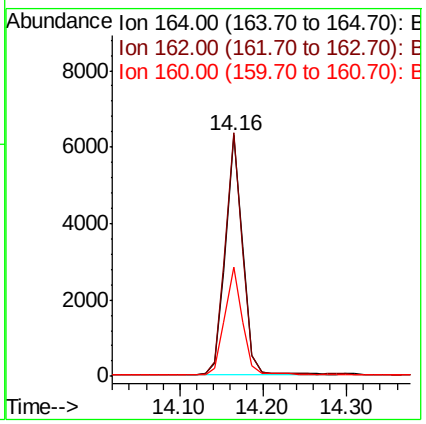


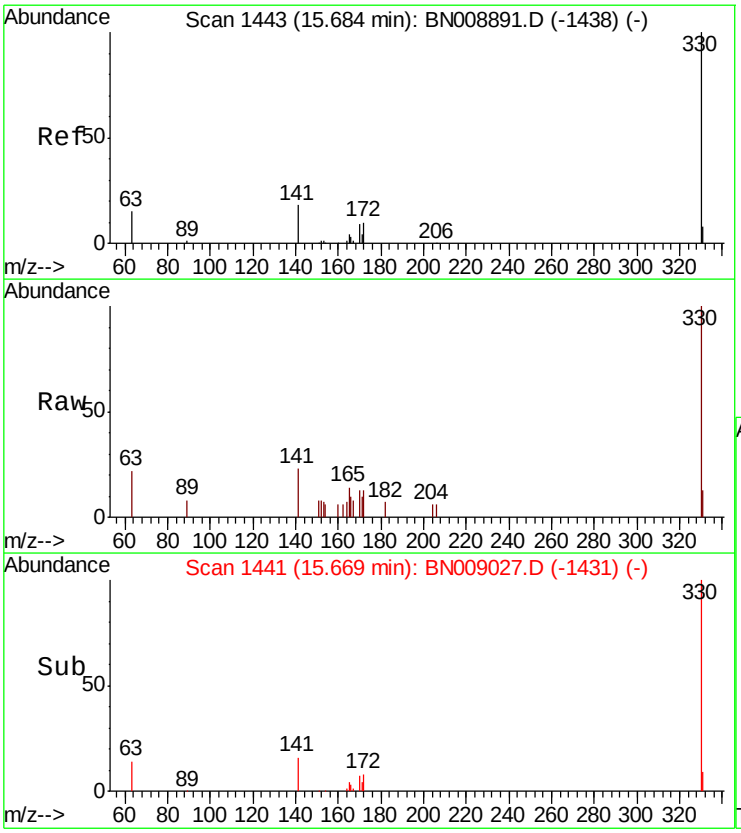
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8813

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.9	122.9
160	45.5	39.3	58.9

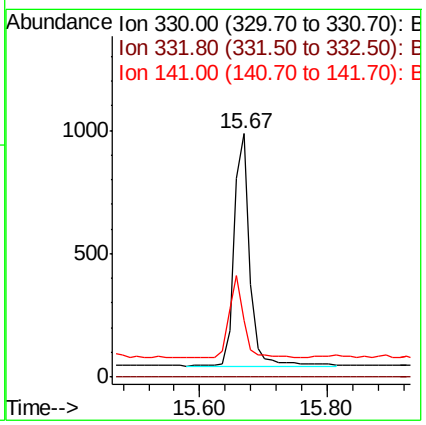


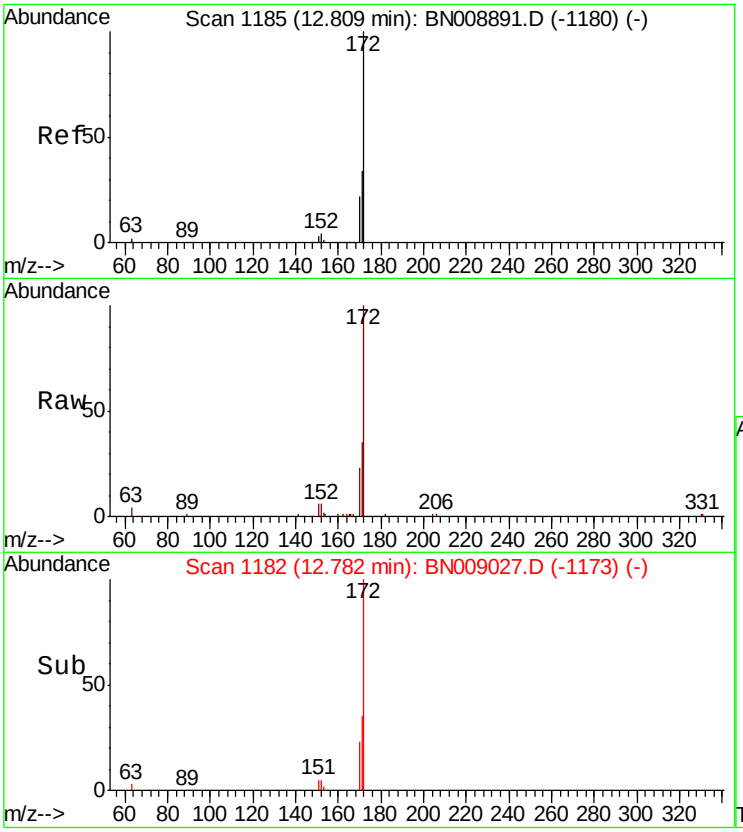


#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 15.67 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion:330 Resp: 1602

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.3	29.6	44.4



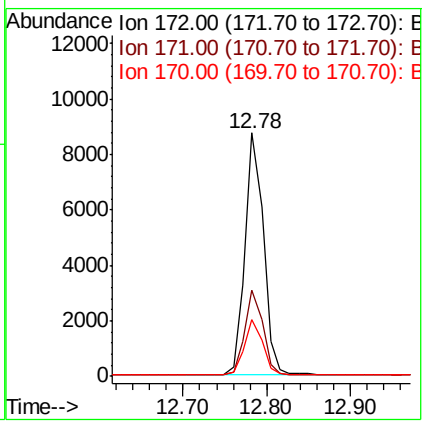


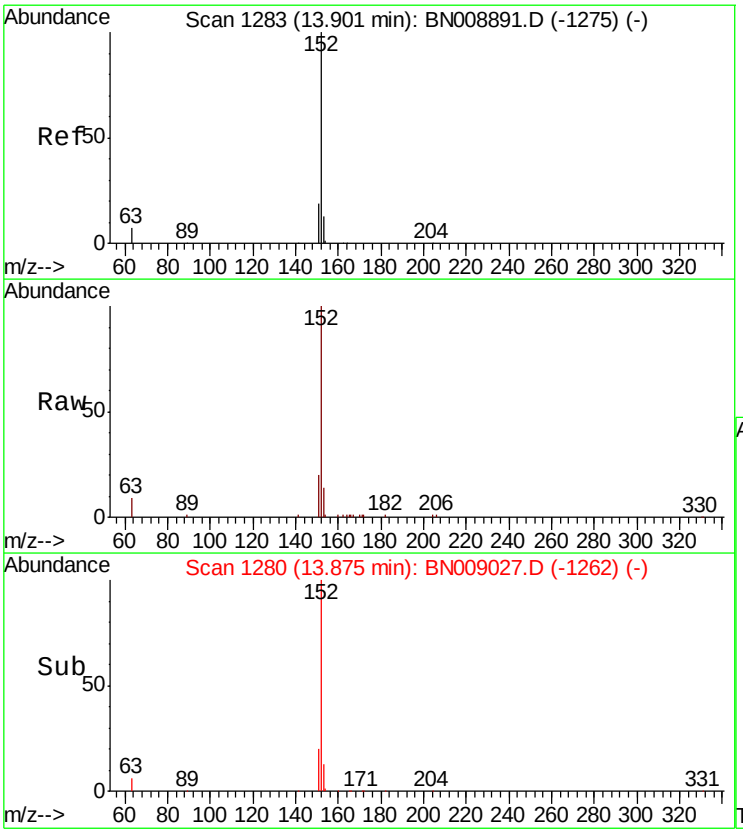
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 13342

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.1	40.7
170	23.4	17.7	26.5

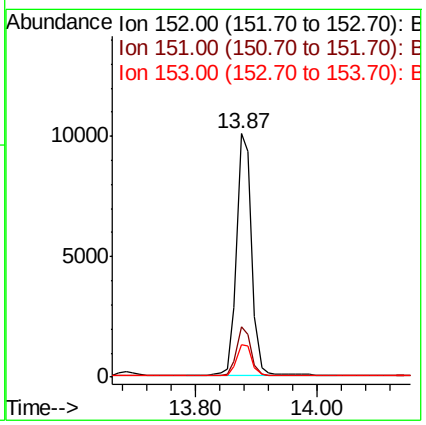


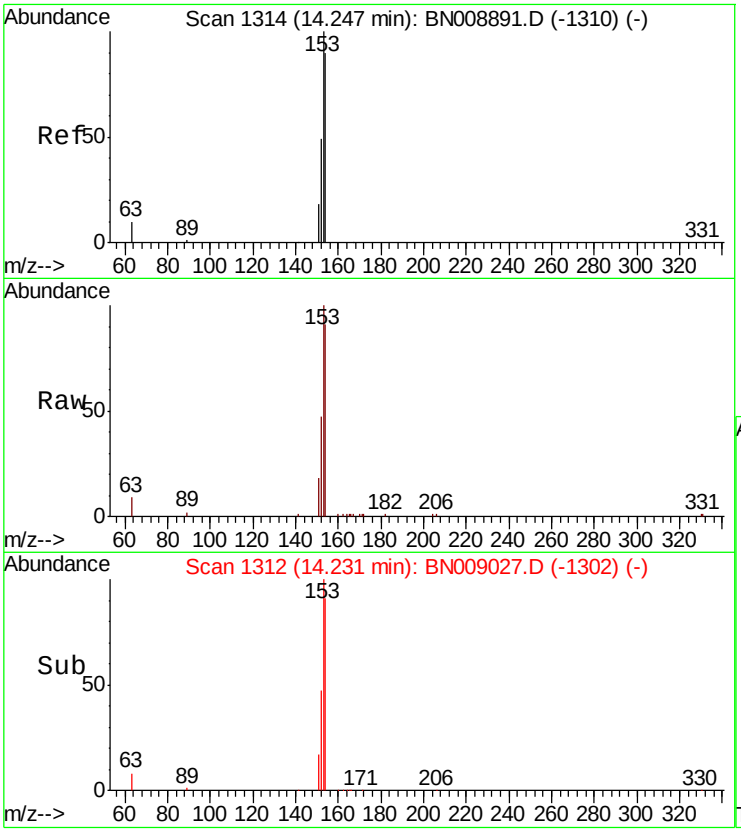


#16
Acenaphthylene
Concen: 0.430 ng
RT: 13.87 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion:152 Resp: 17316

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.3	22.9
153	13.1	10.3	15.5



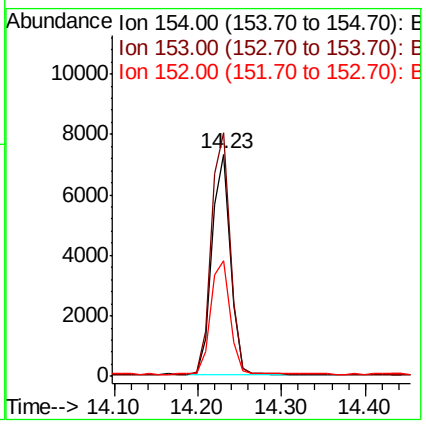


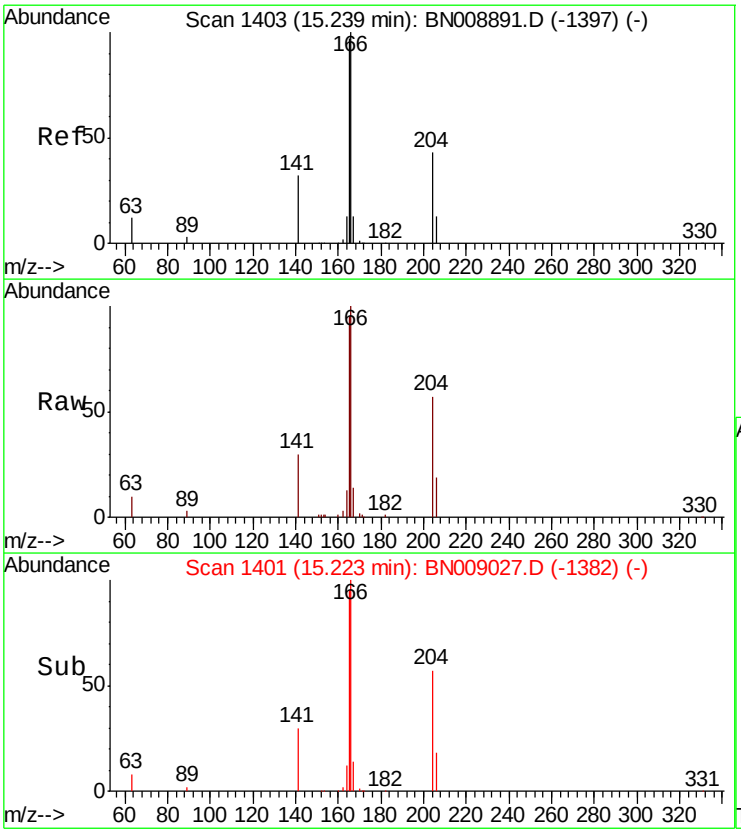
#17
Acenaphthene
Concen: 0.418 ng
RT: 14.23 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 11193

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.2	133.8
152	53.9	44.2	66.4

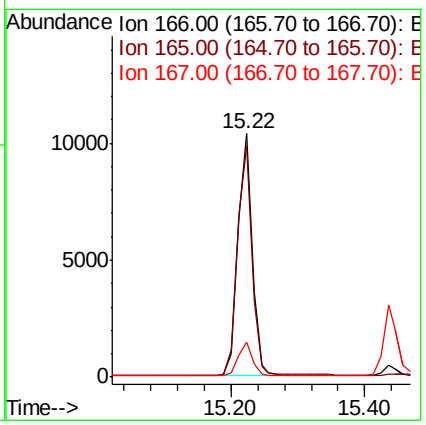


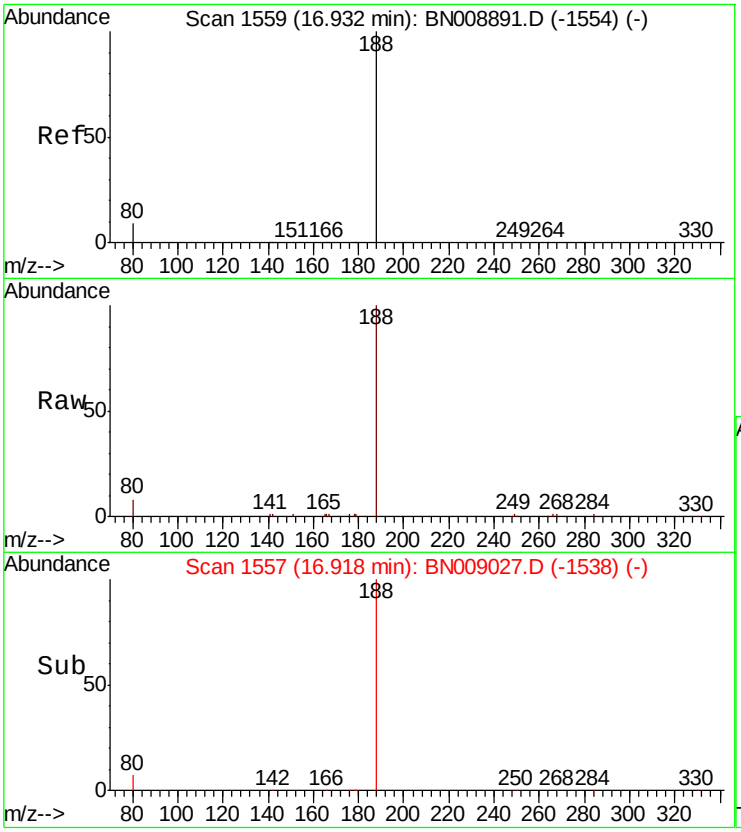


#18
Fluorene
Concen: 0.417 ng
RT: 15.22 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion:166 Resp: 14993

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.3	115.9
167	13.7	10.8	16.2



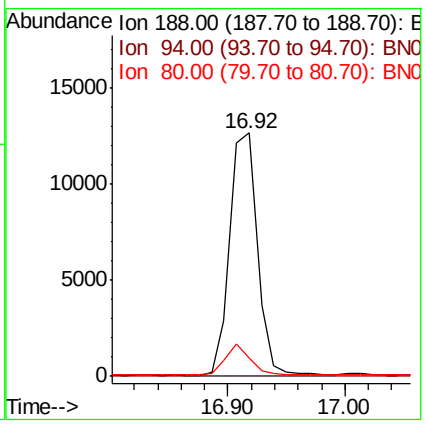


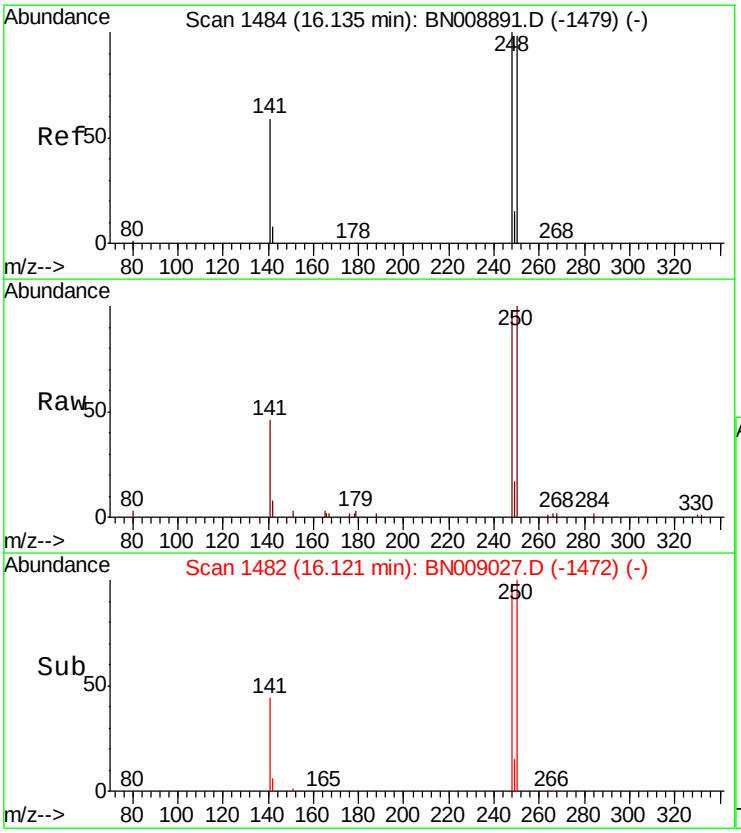
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 20524

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	7.3	10.9

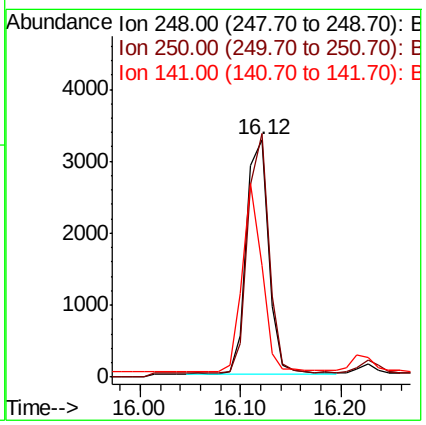


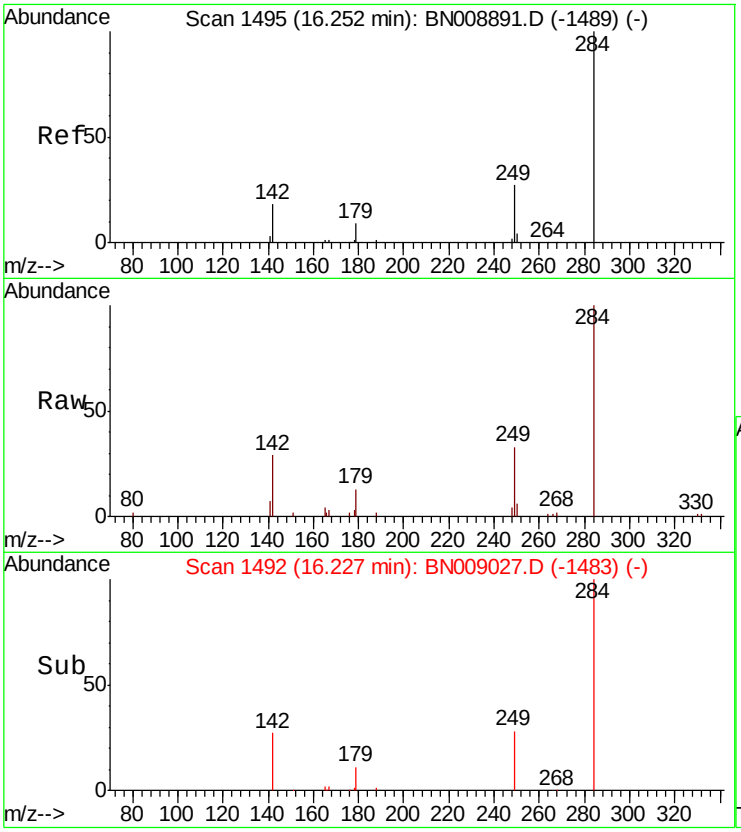


#20
4-Bromophenyl-phenylether
Concen: 0.408 ng
RT: 16.12 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion:248 Resp: 5007

Ion	Ratio	Lower	Upper
248	100		
250	102.4	78.7	118.1
141	47.2	47.9	71.9#



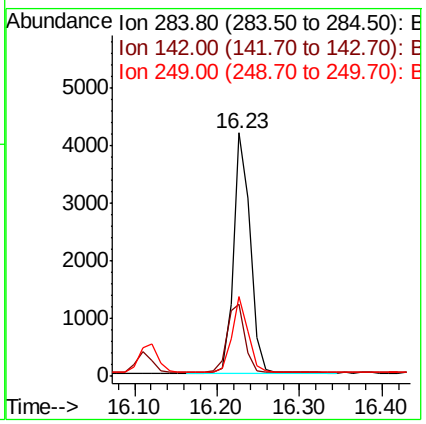


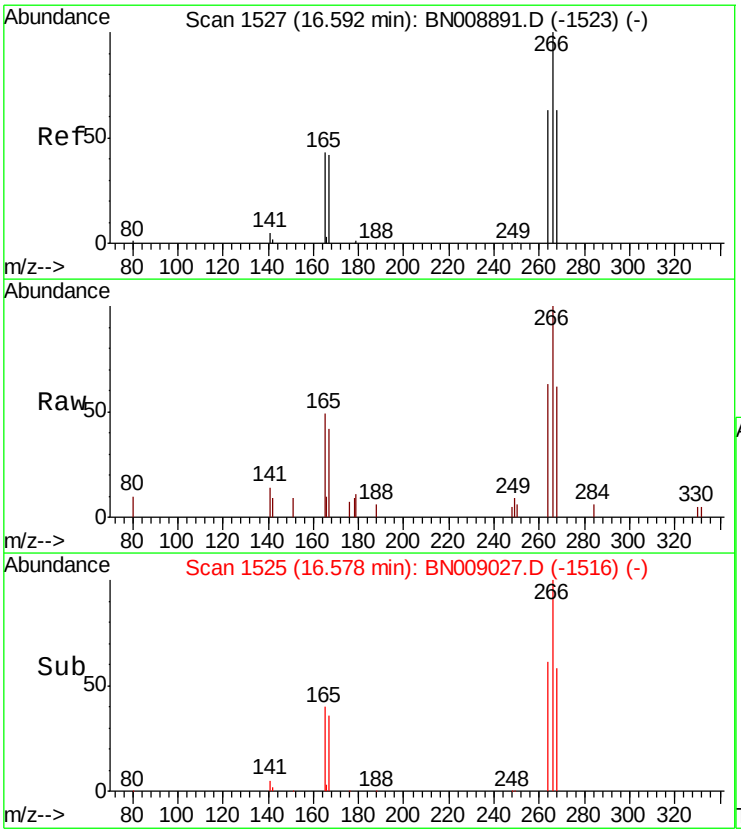
#21
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.23 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5897

Ion	Ratio	Lower	Upper
284	100		
142	30.9	27.8	41.6
249	30.2	25.3	37.9

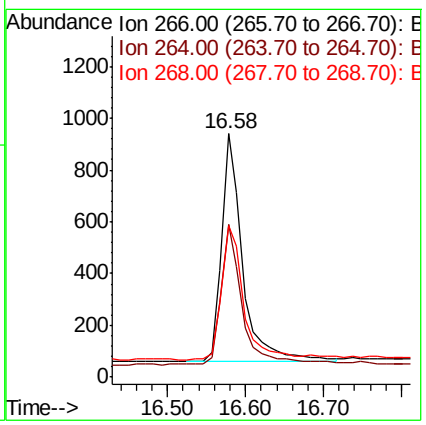


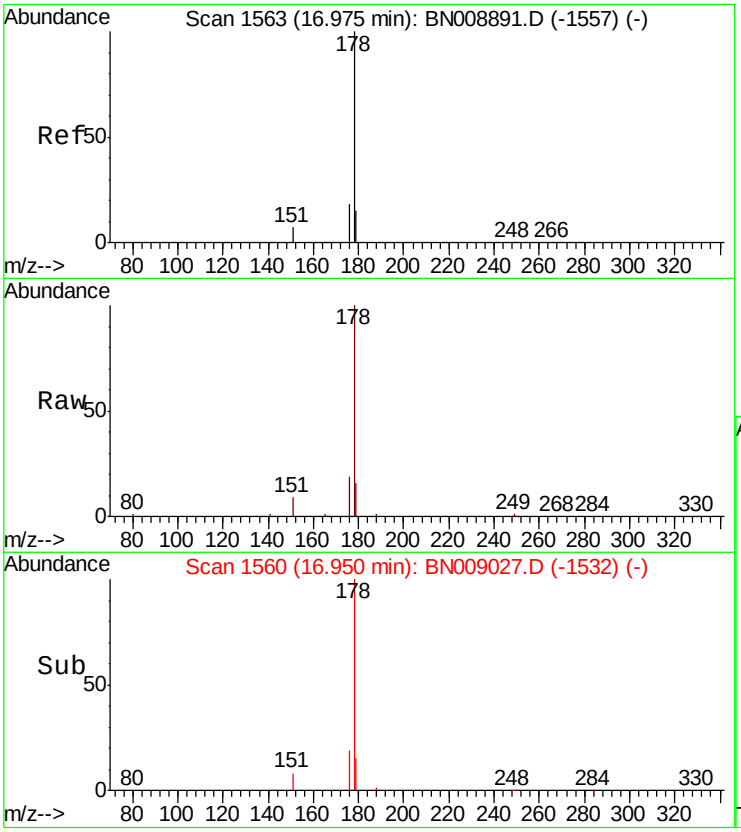


#22
Pentachlorophenol
Concen: 0.329 ng
RT: 16.58 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion:266 Resp: 1660

Ion	Ratio	Lower	Upper
266	100		
264	62.7	51.5	77.3
268	62.3	53.1	79.7



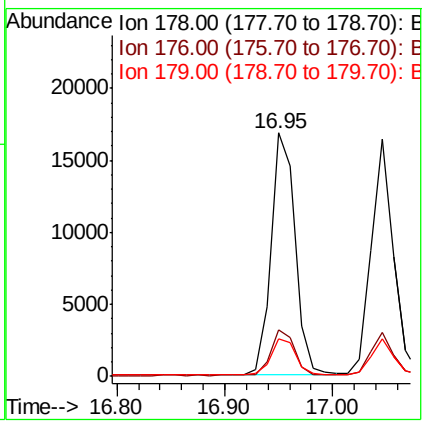


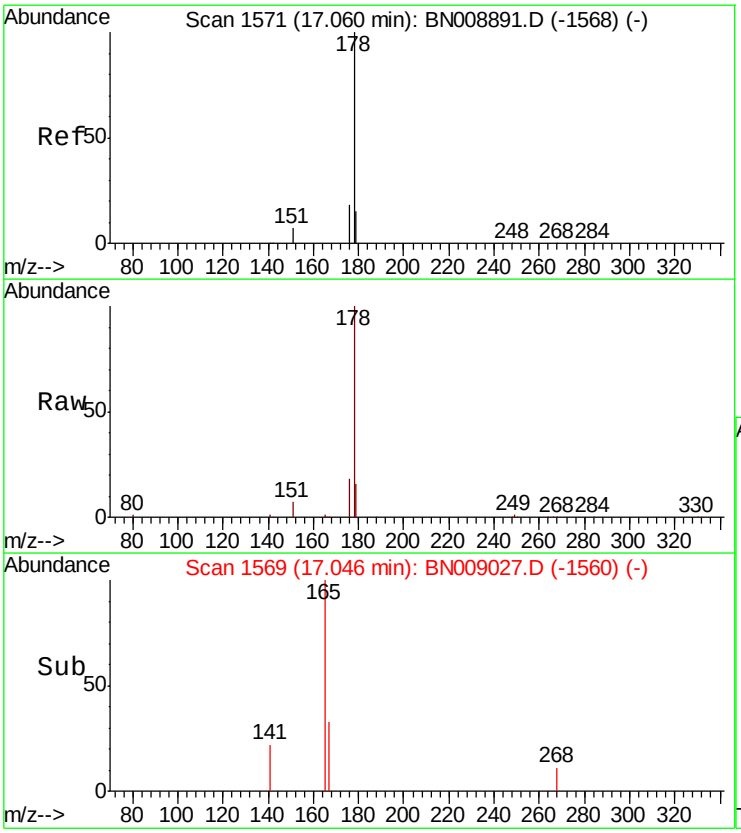
#23
Phenanthrene
Concen: 0.402 ng
RT: 16.95 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 25980

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

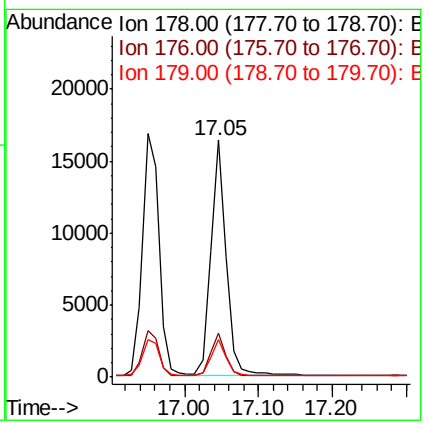


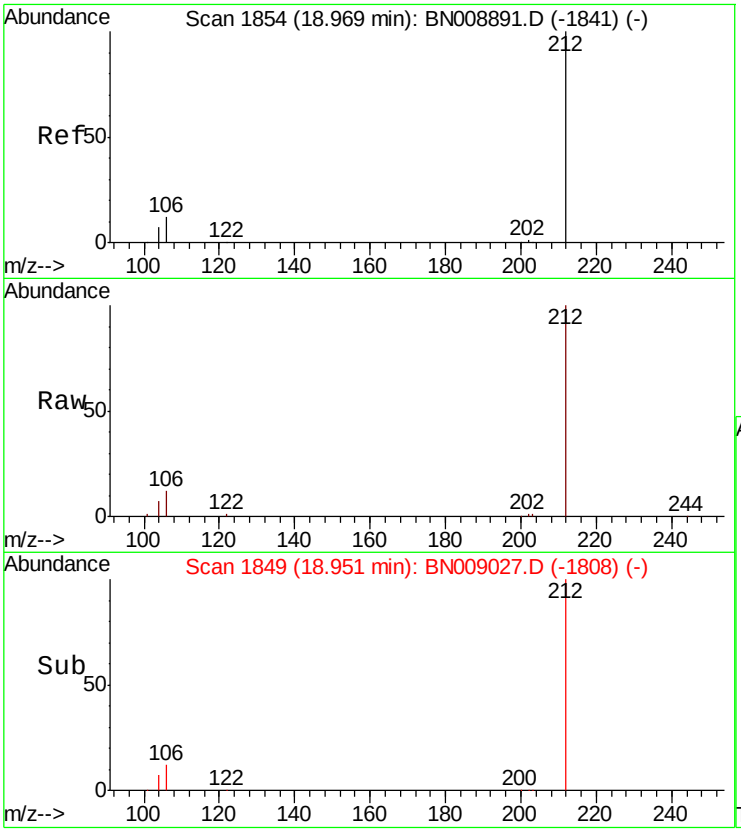


#24
Anthracene
Concen: 0.418 ng
RT: 17.05 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion:178 Resp: 23807

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.4	21.6
179	14.9	12.1	18.1



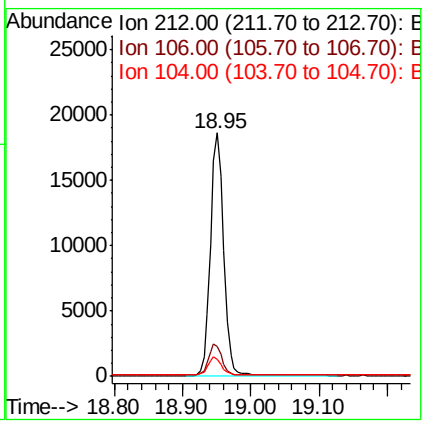


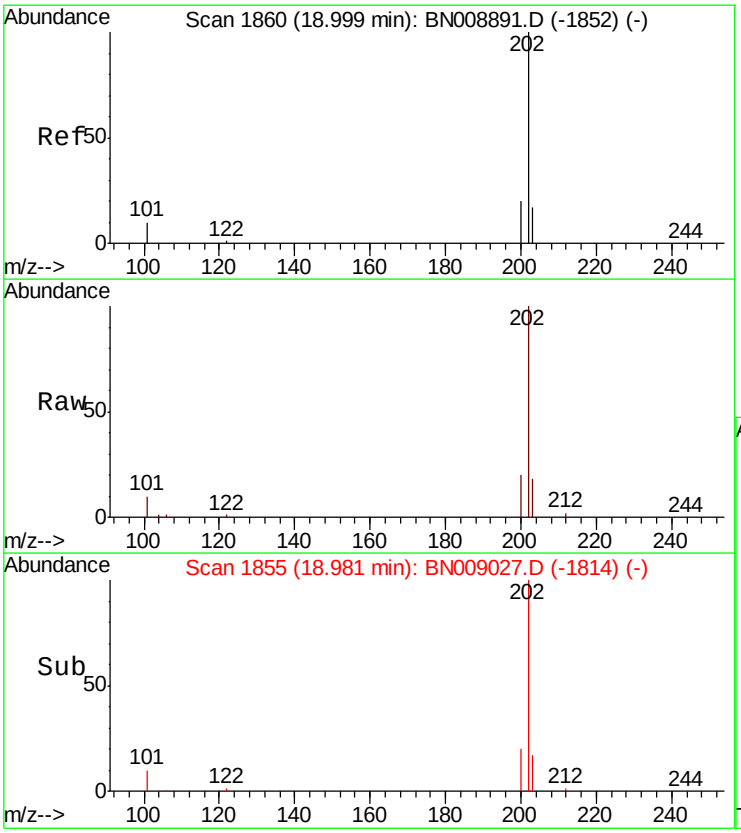
#25
Fluoranthene-d10
Concen: 0.404 ng
RT: 18.95 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 25104

Ion	Ratio	Lower	Upper
212	100		
106	12.9	10.4	15.6
104	7.3	5.9	8.9

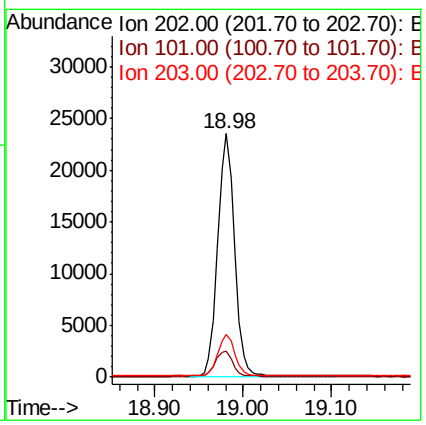


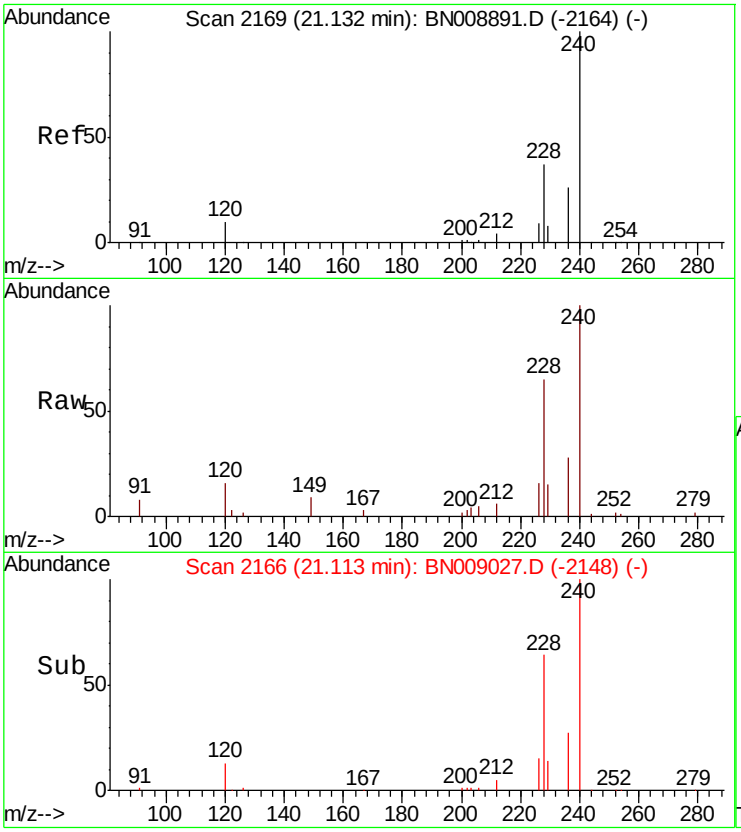


#26
Fluoranthene
Concen: 0.402 ng
RT: 18.98 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion:202 Resp: 30871

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.8	13.2
203	17.0	13.8	20.6



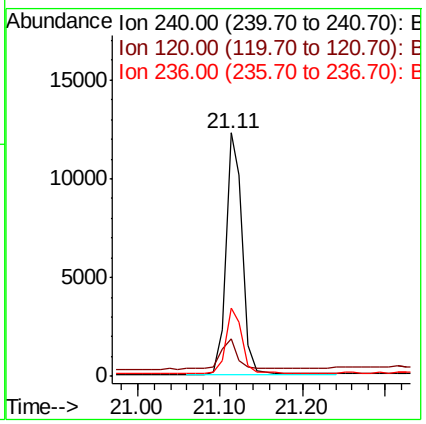


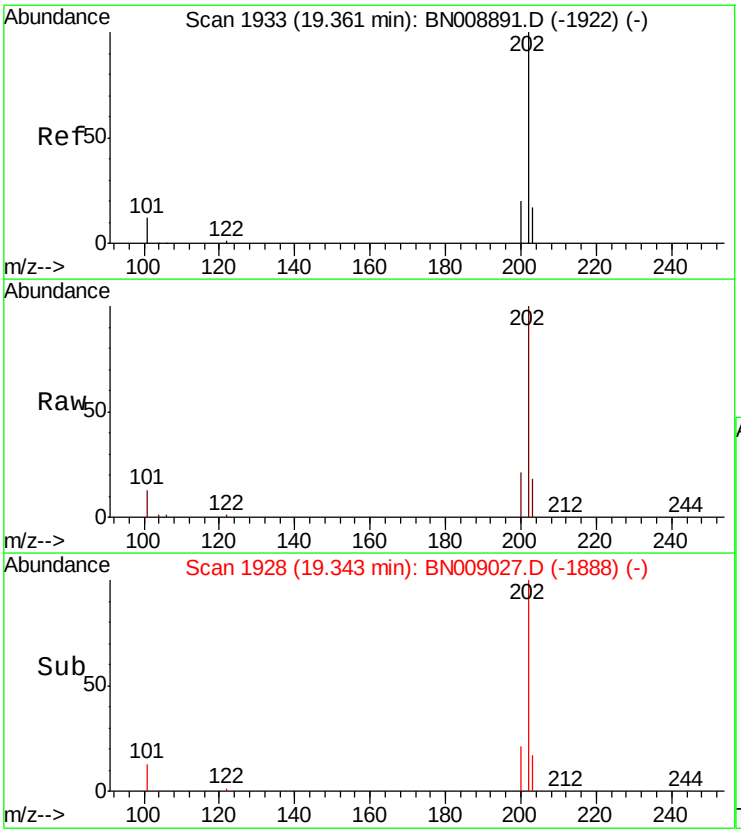
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 17071

Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.1	13.7#
236	28.0	21.5	32.3

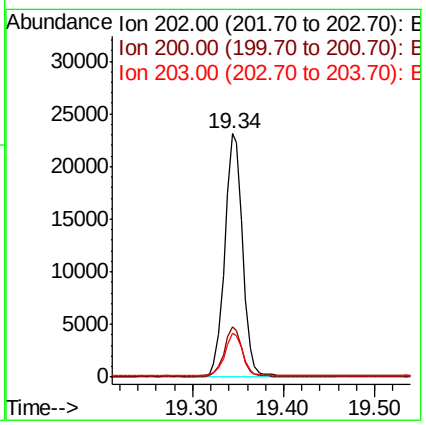


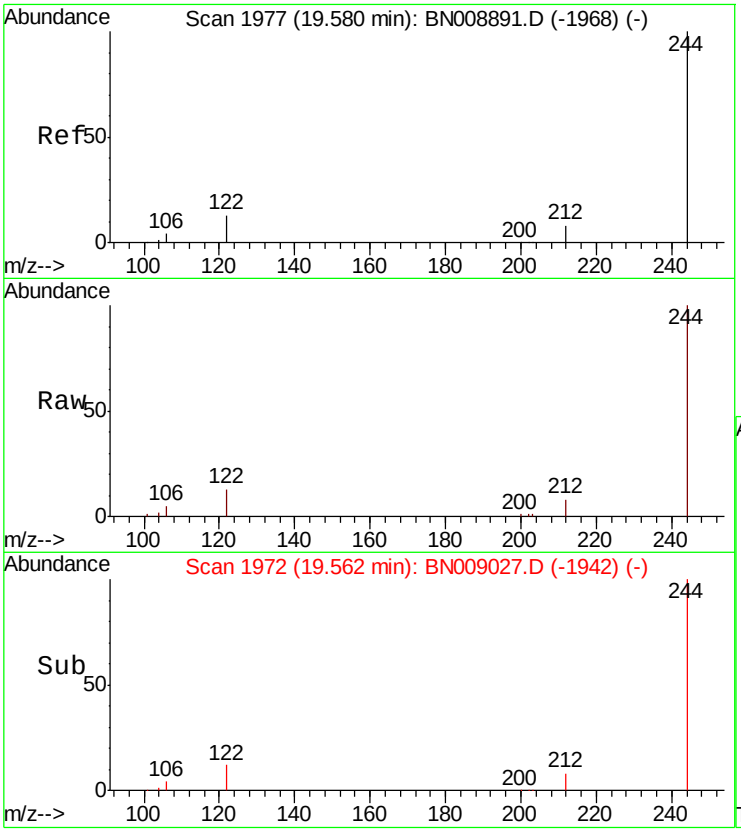


#28
Pyrene
Concen: 0.521 ng
RT: 19.34 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion:202 Resp: 31176

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.1	24.1
203	17.6	13.9	20.9



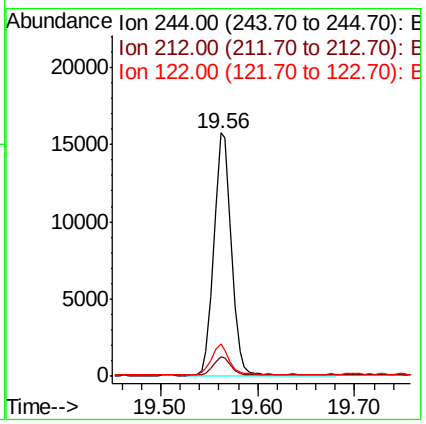


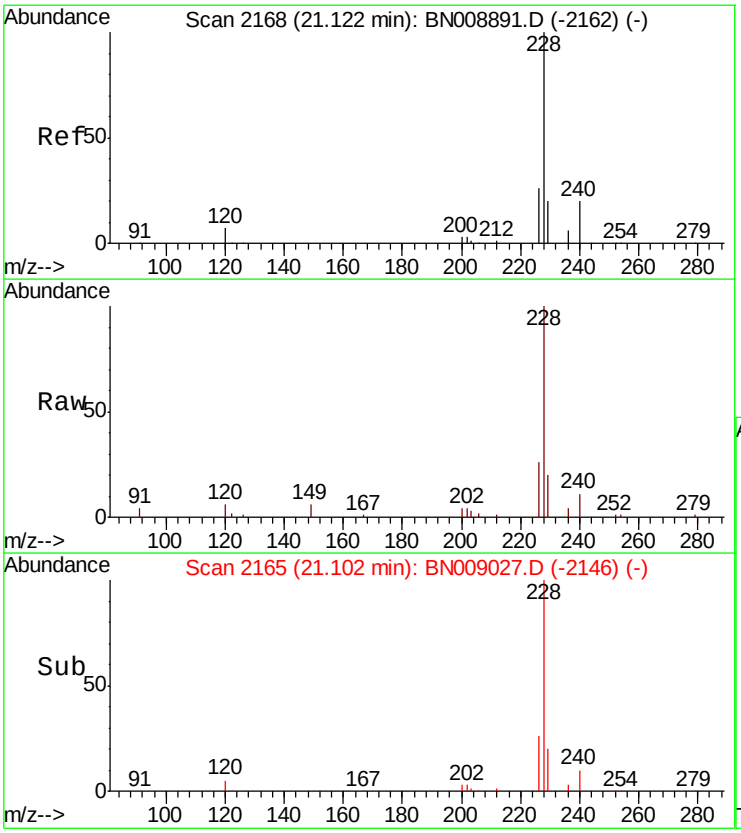
#29
Terphenyl-d14
Concen: 0.507 ng
RT: 19.56 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 19762

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	13.3	10.4	15.6

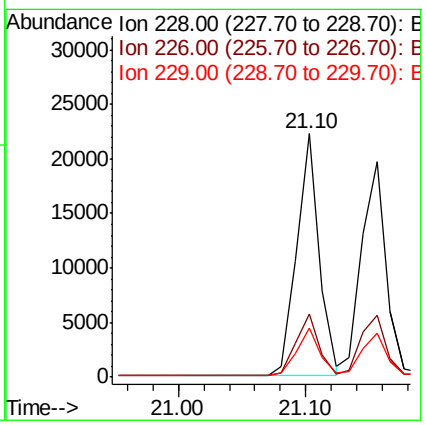


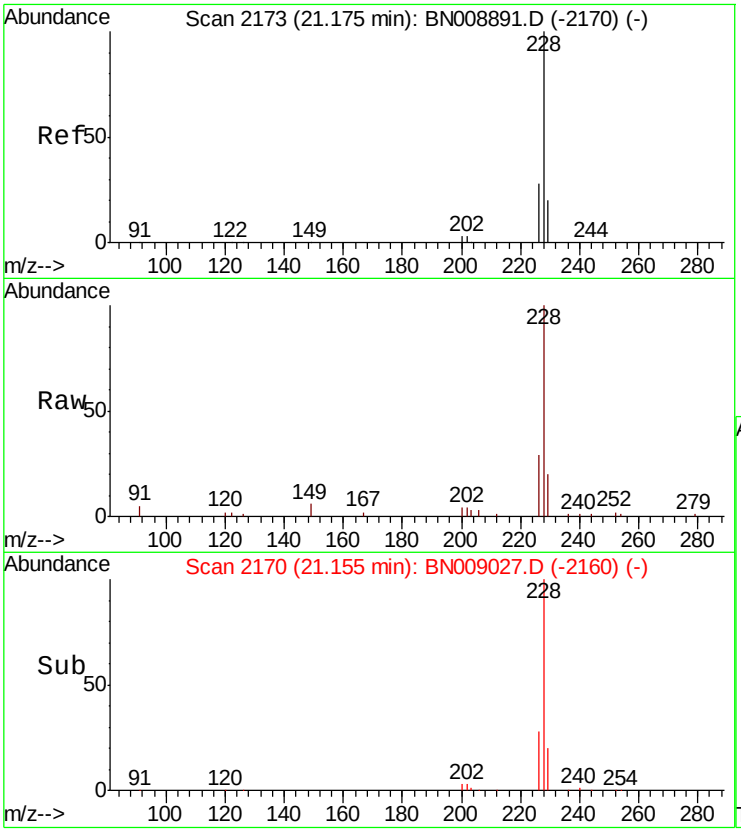


#30
Benzo(a)anthracene
Concen: 0.446 ng
RT: 21.10 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion:228 Resp: 26974

Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.6	30.8
229	20.2	15.9	23.9



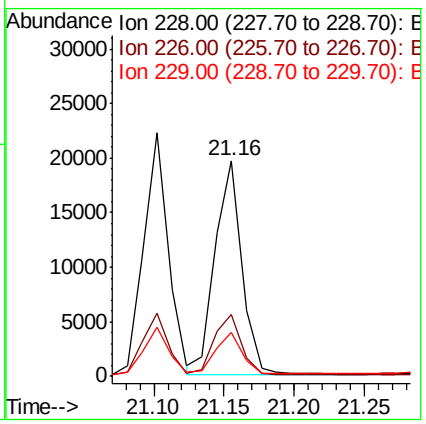


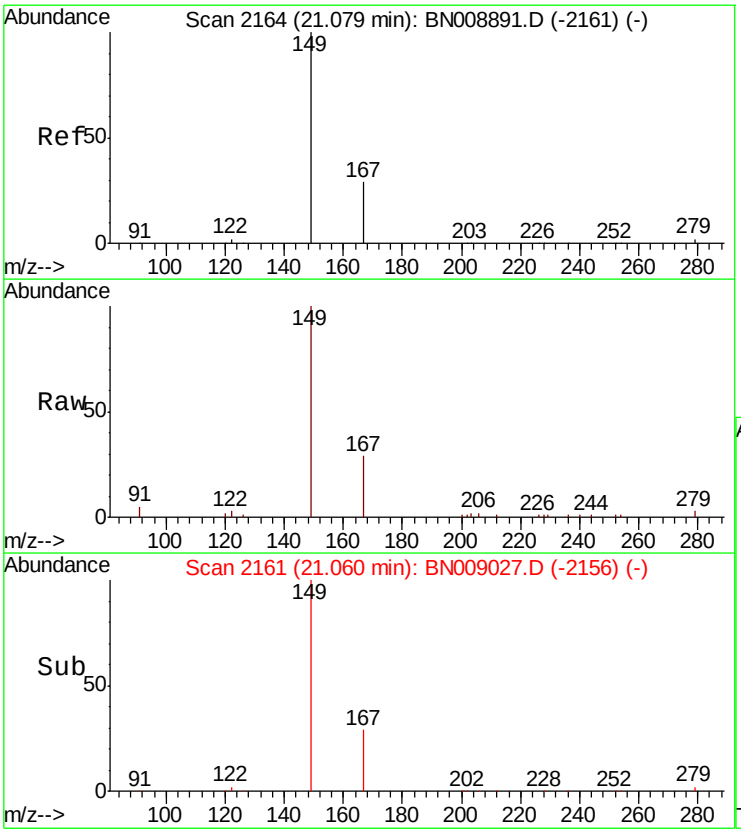
#31
Chrysene
Concen: 0.418 ng
RT: 21.16 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 26223

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.2	33.4
229	20.4	15.9	23.9

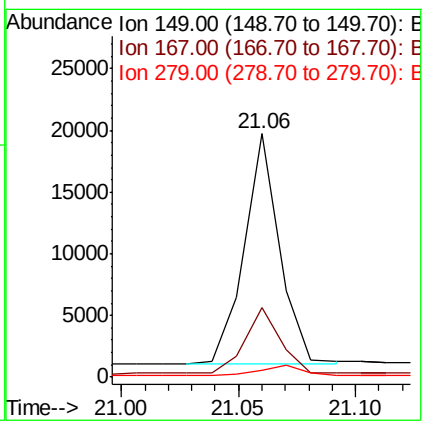


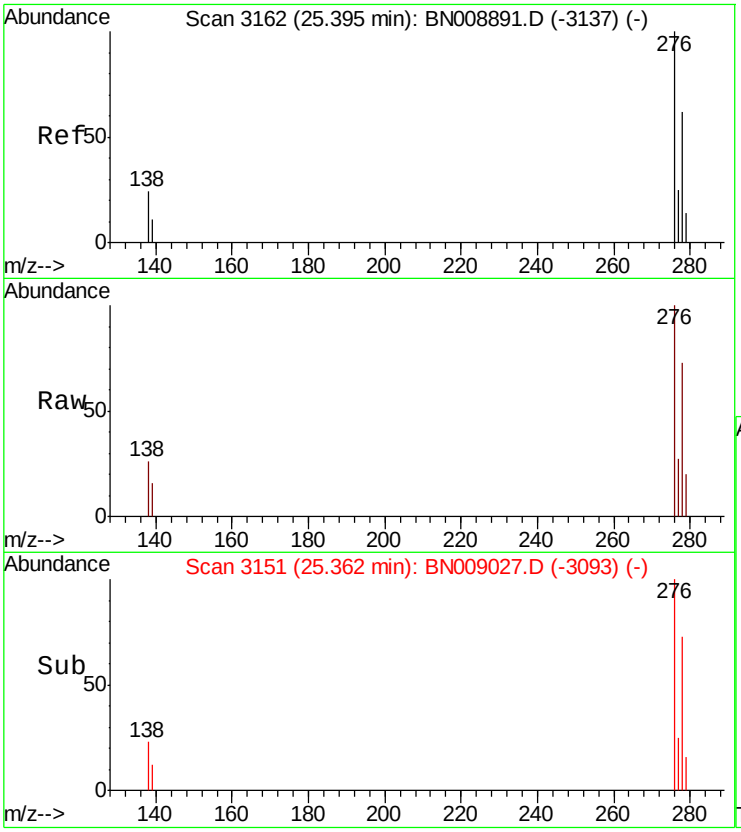


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.687 ng
RT: 21.06 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion:149 Resp: 19483

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.7	34.1
279	4.4	3.3	4.9



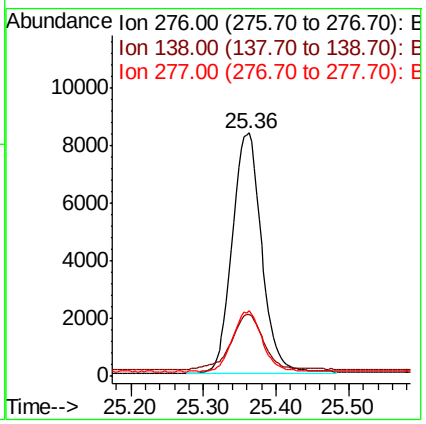


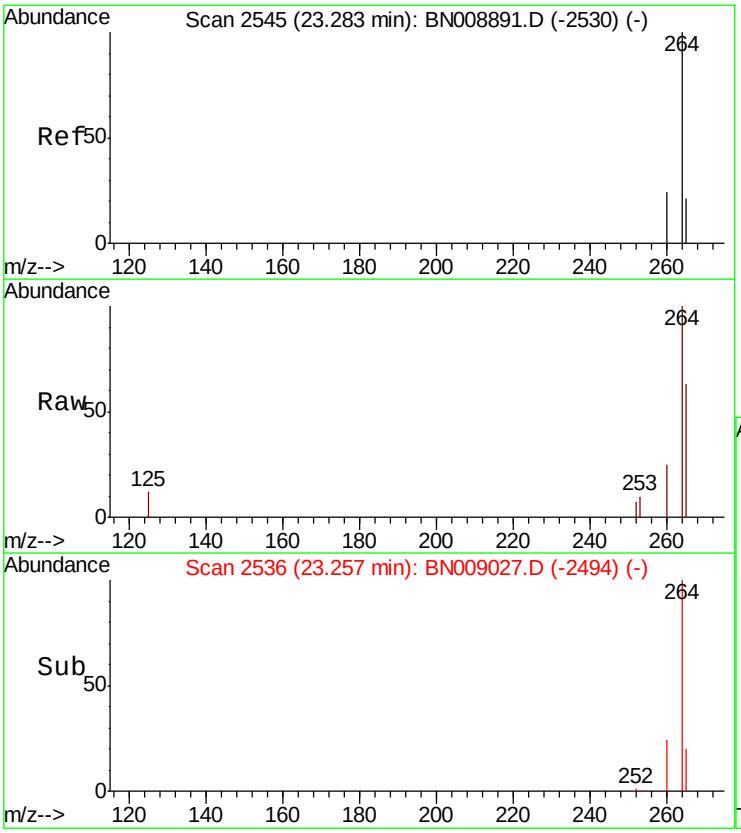
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng
RT: 25.36 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 23402

Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.9	29.9
277	25.0	19.8	29.8

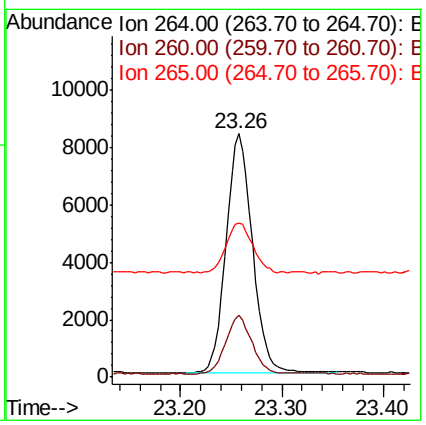


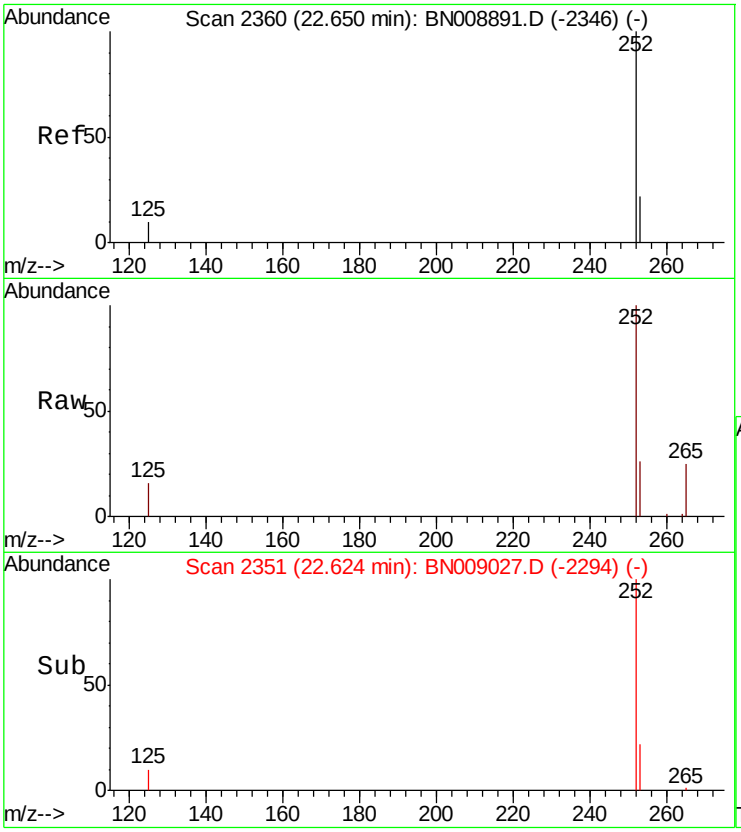


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.26 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion:264 Resp: 15055

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.0
265	63.4	47.5	71.3



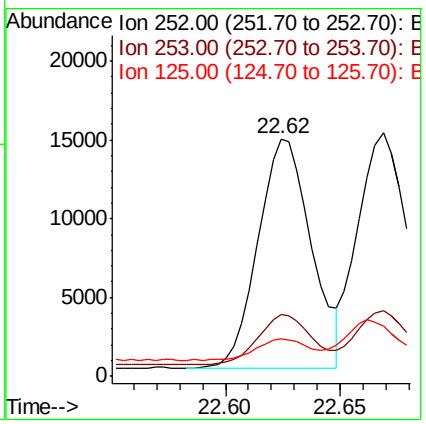


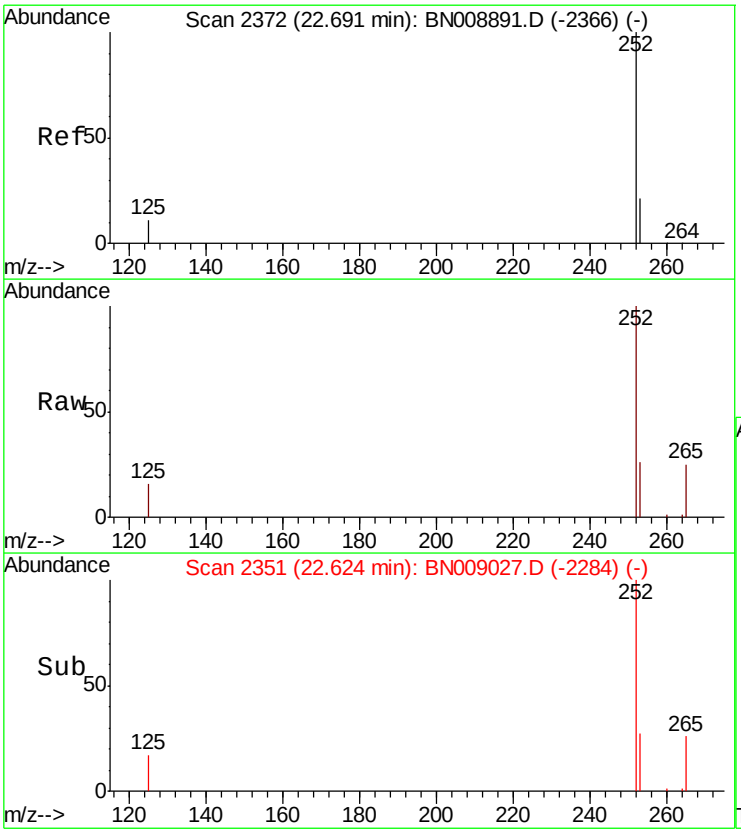
#35
Benzo(b)fluoranthene
Concen: 0.434 ng
RT: 22.62 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 23375

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.8	29.6
125	16.0	10.8	16.2

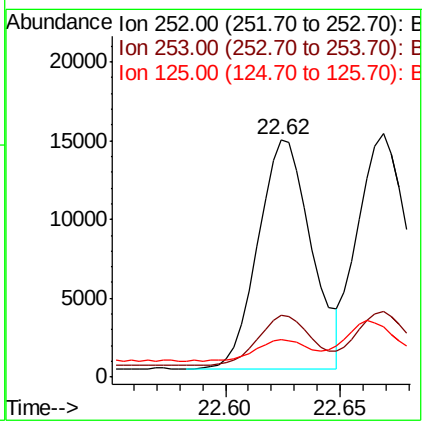


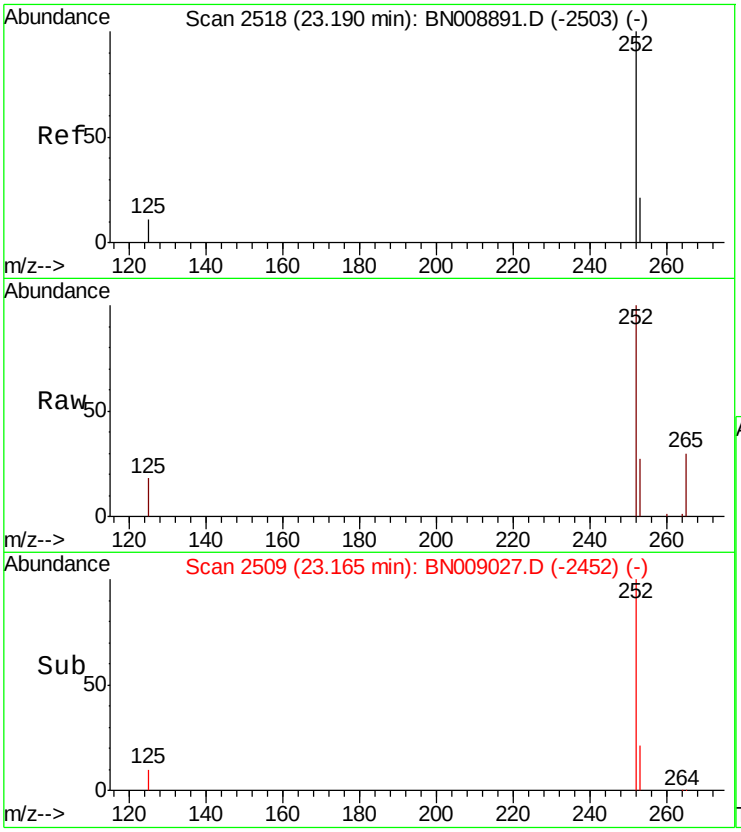


#36
Benzo(k)fluoranthene
Concen: 0.431 ng
RT: 22.62 min Scan# 2351
Delta R.T. -0.05 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion:252 Resp: 23375

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.2	28.8
125	16.0	11.6	17.4



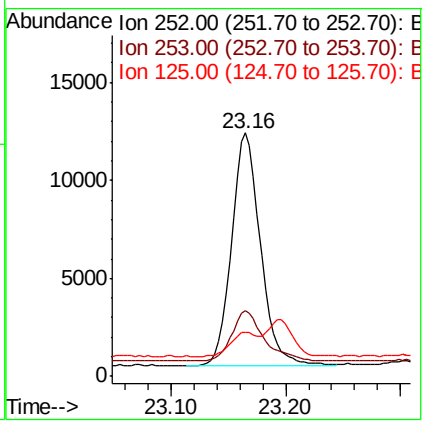


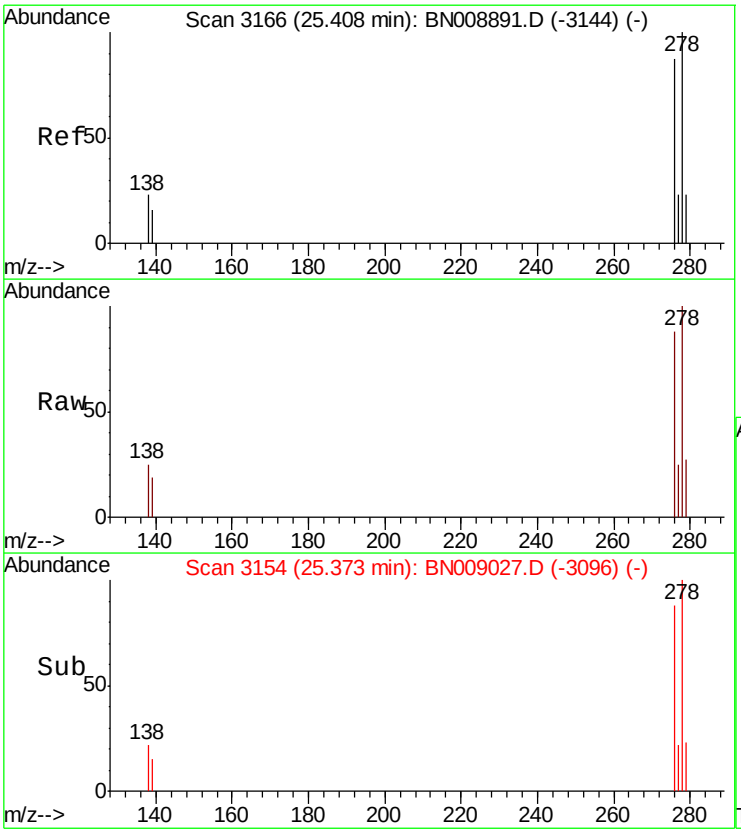
#37
Benzo(a)pyrene
Concen: 0.428 ng
RT: 23.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 20733

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.9	29.9
125	18.3	12.3	18.5

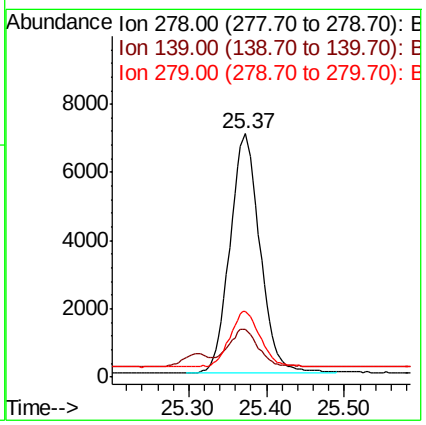


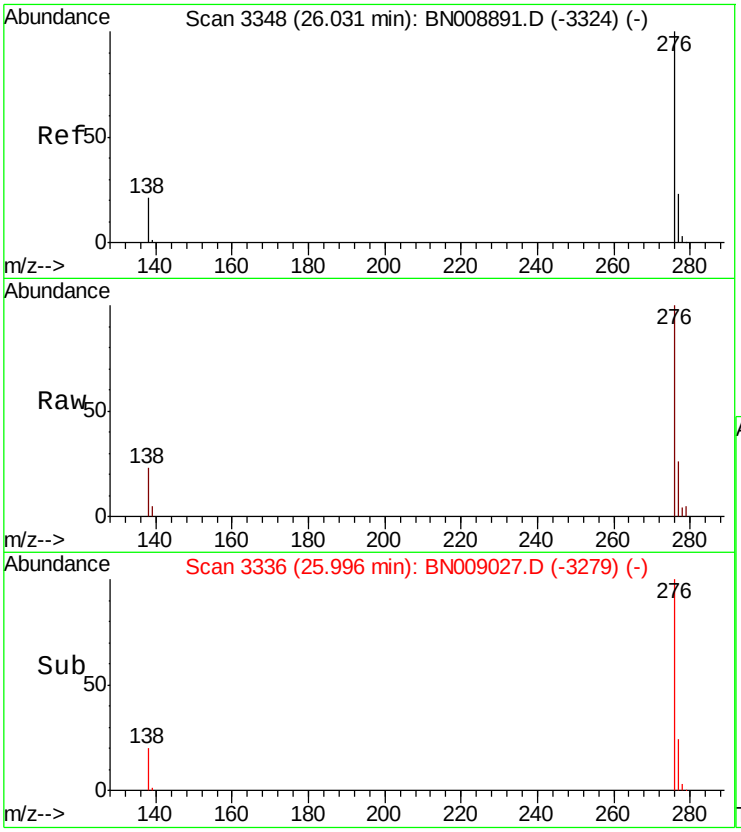


#38
Dibenzo(a,h)anthracene
Concen: 0.416 ng
RT: 25.37 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Tgt Ion:278 Resp: 18873

Ion	Ratio	Lower	Upper
278	100		
139	19.5	13.9	20.9
279	26.8	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.427 ng
RT: 26.00 min Scan# 3336
Delta R.T. -0.00 min
Lab File: BN009027.D
Acq: 18 Dec 2019 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 19141

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.4	29.2
138	23.1	17.8	26.6