Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120919\
Data File : BN008893.D
Acq On : 09 Dec 2019 15:06
Operator : JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Dec 09 15:40:37 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 15:08:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2762	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	11669	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	8241	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	18274	0.40	ng		0.00
27) Chrysene-d12	21.13	240	20419	0.40	ng		0.00
34) Perylene-d12	23.28	264	21354	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	11185	1.50	ng		0.00
5) Phenol-d6	6.75	99	15789	1.55	ng		0.00
8) Nitrobenzene-d5	8.69	82	16154	1.57	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	32322	1.67	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	6443	1.44	ng		0.00
15) 2-Fluorobiphenyl	12.81	172	50771	1.64	ng		0.00
25) Fluoranthene-d10	18.97	212	90939	1.64	ng		0.00
29) Terphenyl-d14	19.58	244	75030	1.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	4313	1.626	ng		99
3) n-Nitrosodimethylamine	3.50	42	6076	1.657	ng	#	99
6) bis(2-Chloroethyl)ether	7.00	93	14450	1.577	ng		97
9) Naphthalene	10.37	128	51104	1.642	ng		99
10) Hexachlorobutadiene	10.67	225	9747	1.589	ng	#	99
12) 2-Methylnaphthalene	11.99	142	38255	1.668	ng		100
16) Acenaphthylene	13.90	152	61593	1.602	ng		100
17) Acenaphthene	14.25	154	40313	1.653	ng		99
18) Fluorene	15.24	166	53989	1.669	ng		99
20) 4-Bromophenyl-phenylether	16.14	248	17736	1.658	ng		98
21) Hexachlorobenzene	16.25	284	20049	1.624	ng		99
22) Pentachlorophenol	16.59	266	7244	1.465	ng		99
23) Phenanthrene	16.97	178	93335	1.673	ng		100
24) Anthracene	17.06	178	83162	1.624	ng		100
26) Fluoranthene	19.00	202	114210	1.700	ng		100
28) Pyrene	19.36	202	113540	1.594	ng		100
30) Benzo(a)anthracene	21.12	228	117992	1.599	ng		100
31) Chrysene	21.17	228	120123	1.677	ng		100
32) Bis(2-ethylhexyl)phthalate	21.08	149	50467	1.026	ng		100
33) Indeno(1,2,3-cd)pyrene	25.39	276	130556	1.476	ng		100
35) Benzo(b)fluoranthene	22.69	252	124444	1.755	ng		95
36) Benzo(k)fluoranthene	22.69	252	124444	1.786	ng	#	95
37) Benzo(a)pyrene	23.19	252	111731	1.670	ng	#	94
38) Dibenzo(a,h)anthracene	25.41	278	106004	1.552	ng		98
39) Benzo(g,h,i)perylene	26.03	276	103704	1.499	ng		99

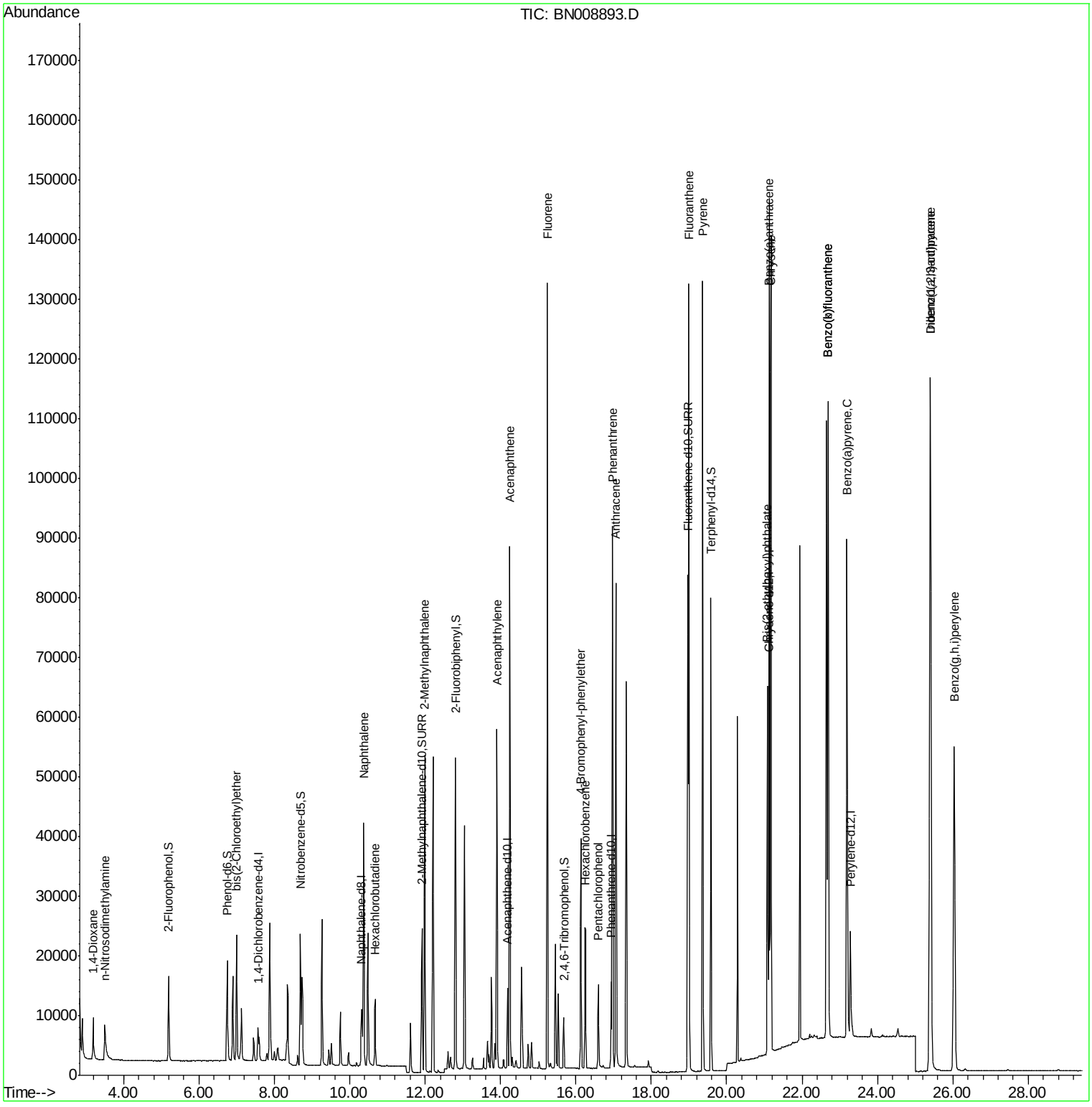
(#) = qualifier out of range (m) = manual integration (+) = signals summed

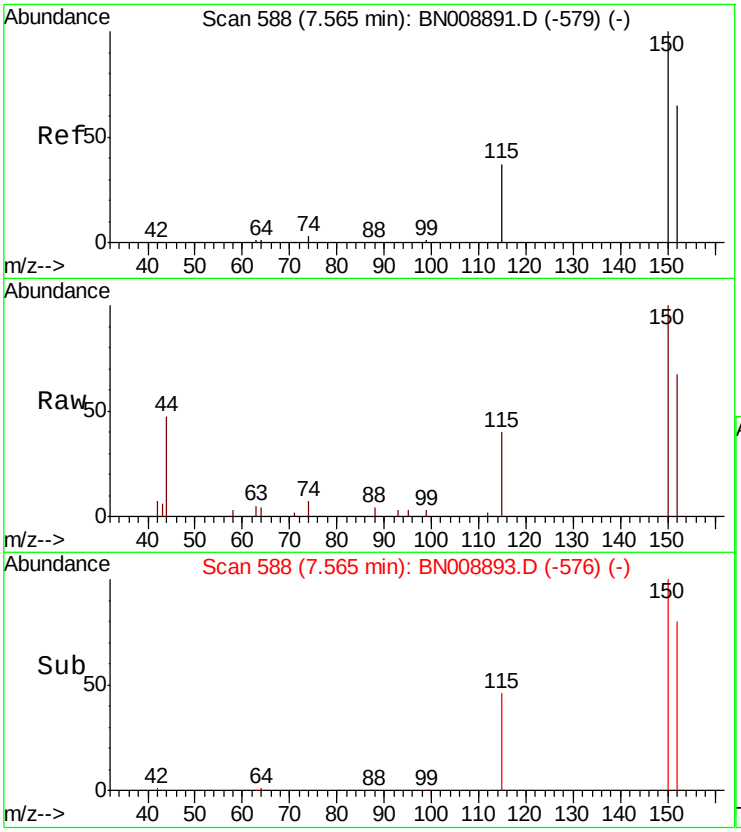
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120919\
Data File : BN008893.D
Acq On : 09 Dec 2019 15:06
Operator : JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Dec 09 15:40:37 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 15:08:19 2019
Response via : Initial Calibration



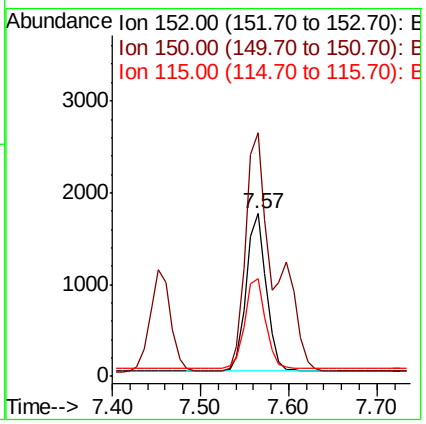


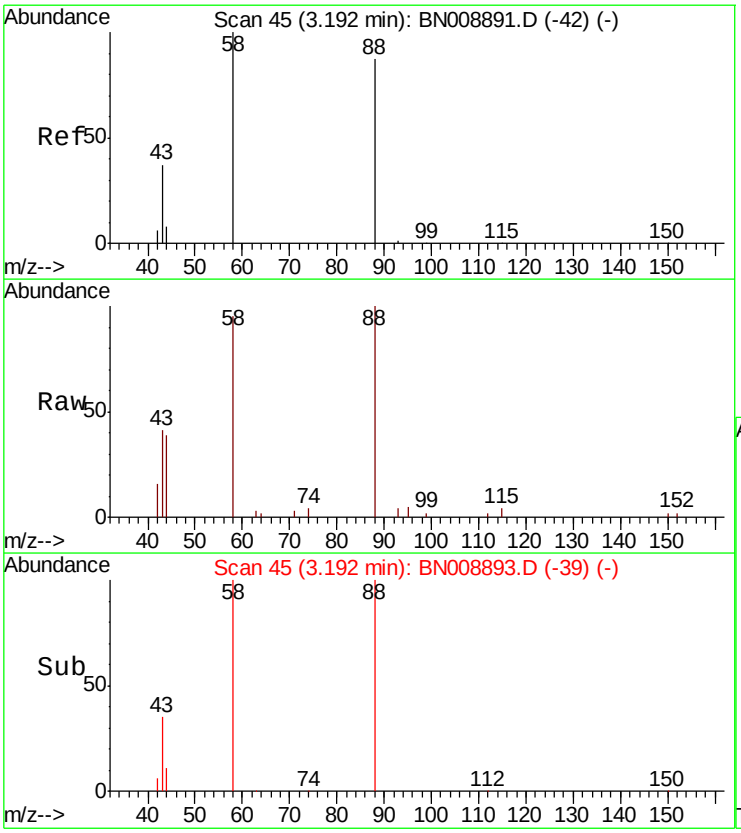
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 2762

Ion	Ratio	Lower	Upper
152	100		
150	149.8	122.3	183.5
115	60.1	48.4	72.6

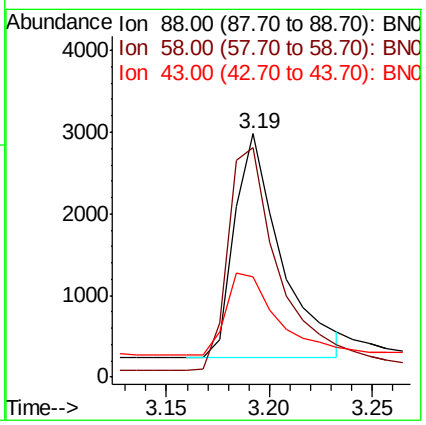


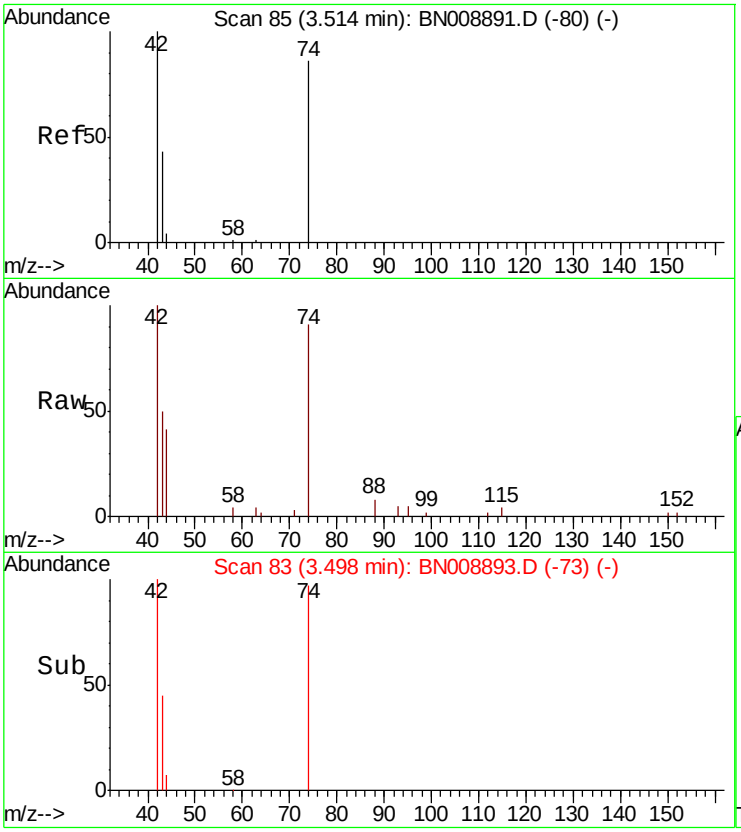


#2
1,4-Dioxane
Concen: 1.626 ng
RT: 3.19 min Scan# 45
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion: 88 Resp: 4313

Ion	Ratio	Lower	Upper
88	100		
58	108.7	88.6	132.8
43	39.7	31.8	47.8



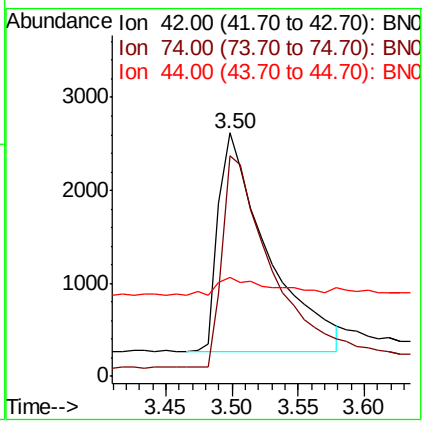


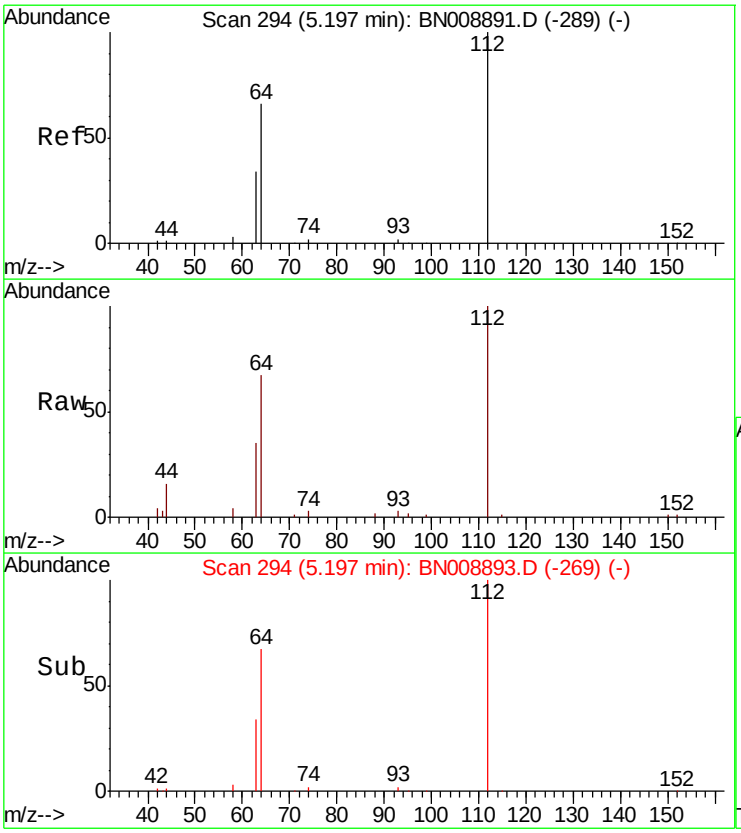
#3
n-Nitrosodimethylamine
Concen: 1.657 ng
RT: 3.50 min Scan# 83
Delta R.T. -0.02 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 6076

Ion	Ratio	Lower	Upper
42	100		
74	99.1	78.6	117.8
44	9.6	0.0	0.0#

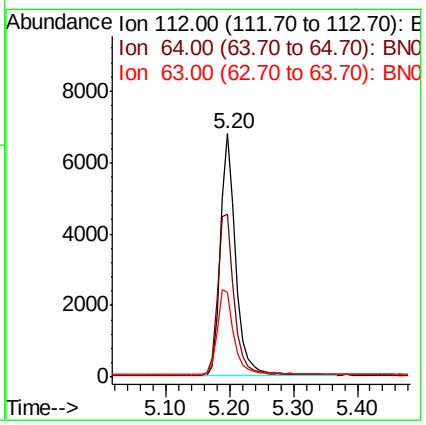


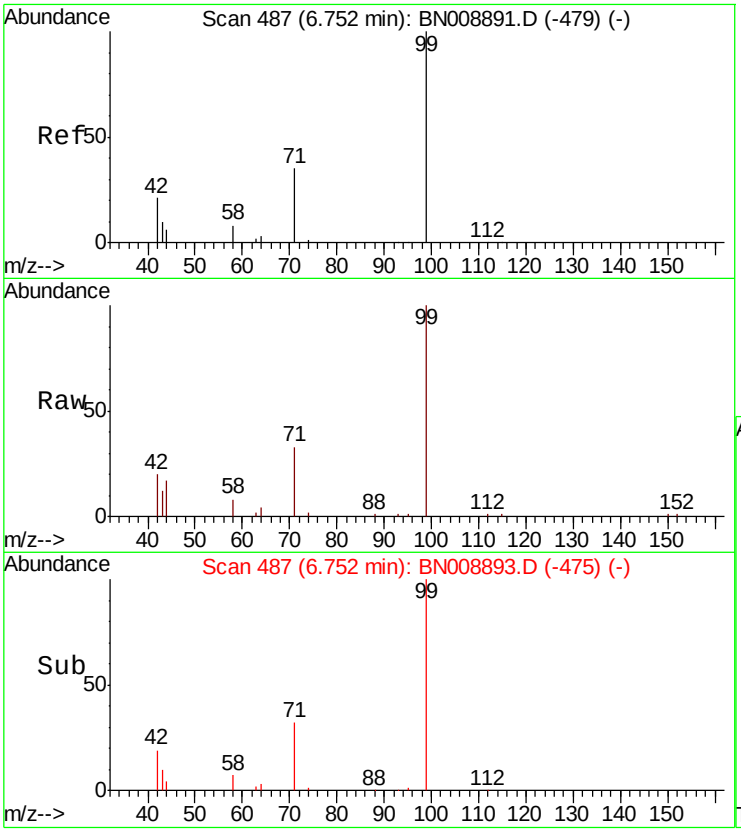


#4
2-Fluorophenol
Concen: 1.496 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion:112 Resp: 11185

Ion	Ratio	Lower	Upper
112	100		
64	71.8	57.7	86.5
63	37.6	29.6	44.4



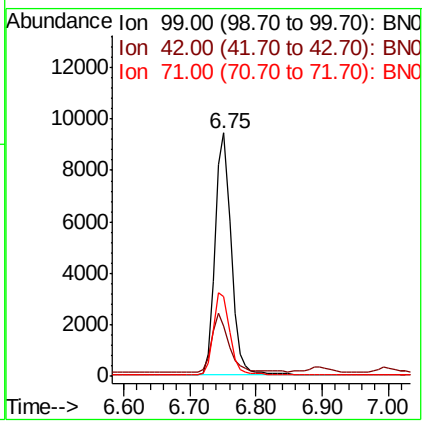


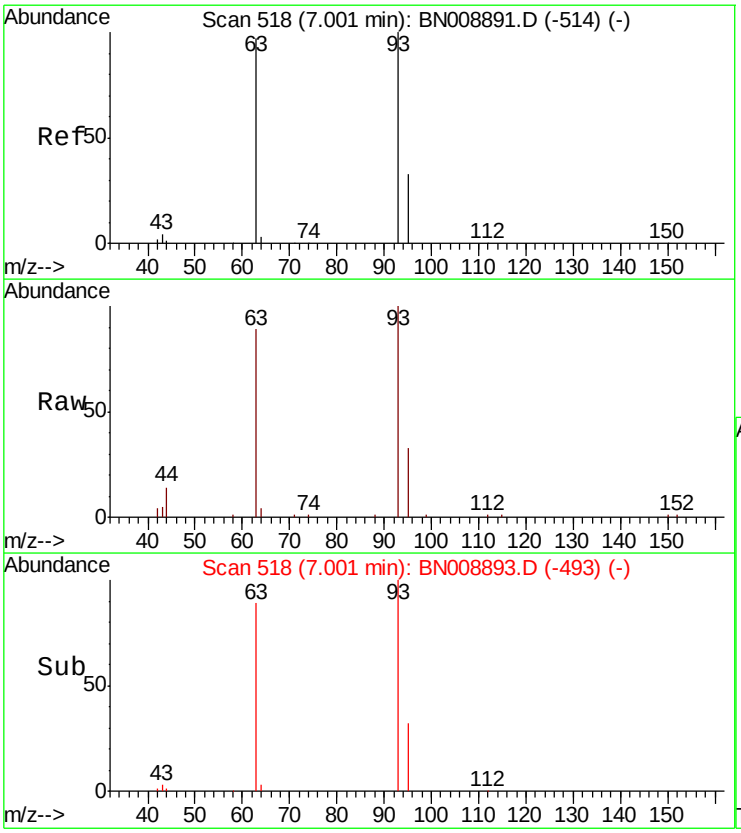
#5
Phenol-d6
Concen: 1.550 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 15789

Ion	Ratio	Lower	Upper
99	100		
42	24.7	20.1	30.1
71	34.9	28.2	42.2

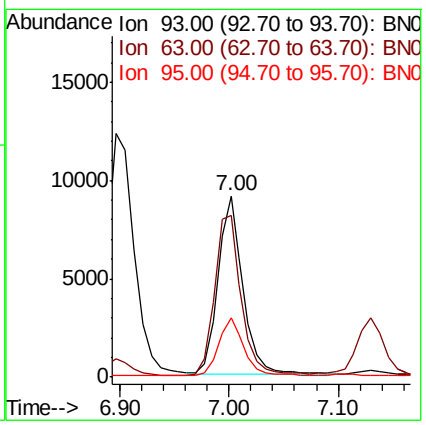


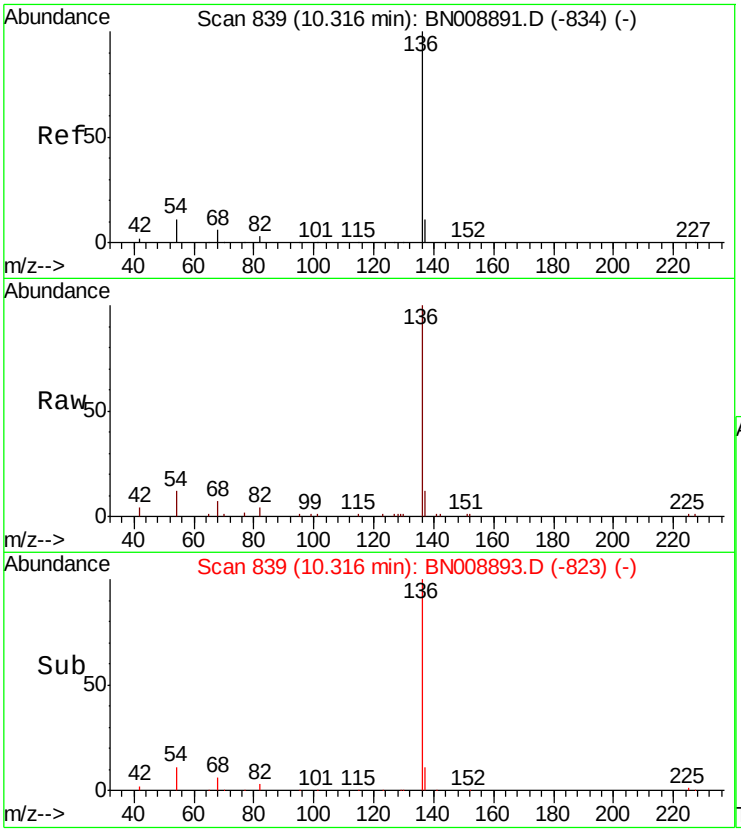


#6
bis(2-Chloroethyl)ether
Concen: 1.577 ng
RT: 7.00 min Scan# 518
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion: 93 Resp: 14450

Ion	Ratio	Lower	Upper
93	100		
63	96.2	73.5	110.3
95	32.7	26.0	39.0



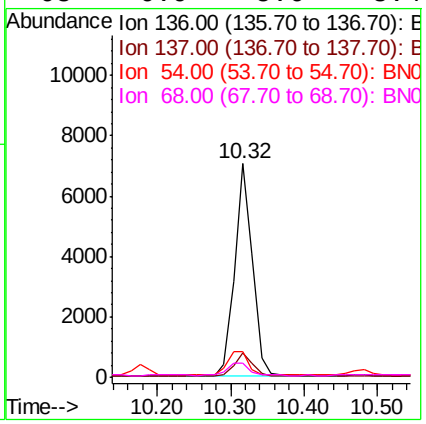


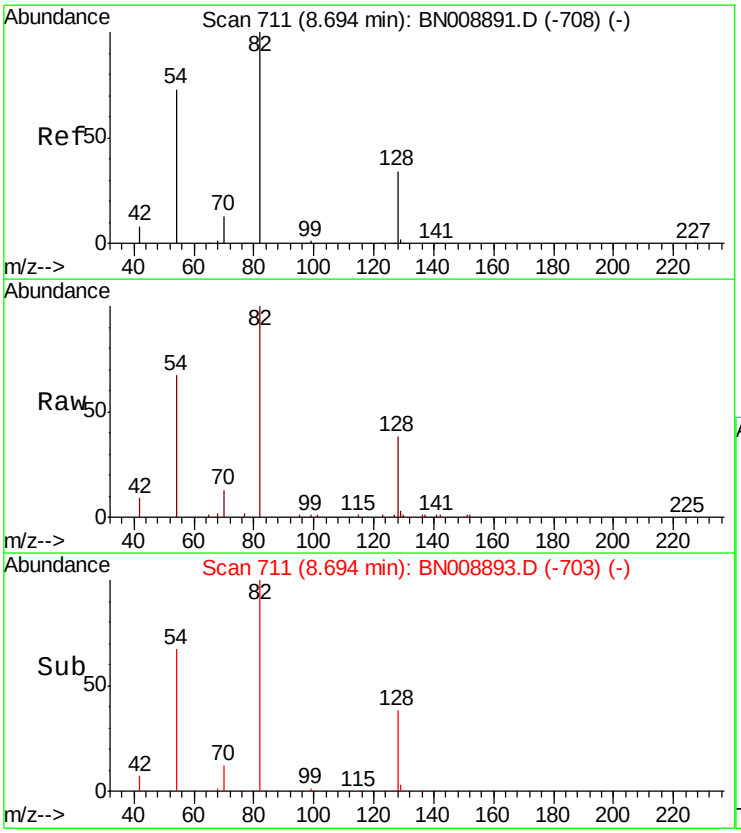
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.32 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 11669

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	11.9	9.6	14.4
68	6.9	5.6	8.4

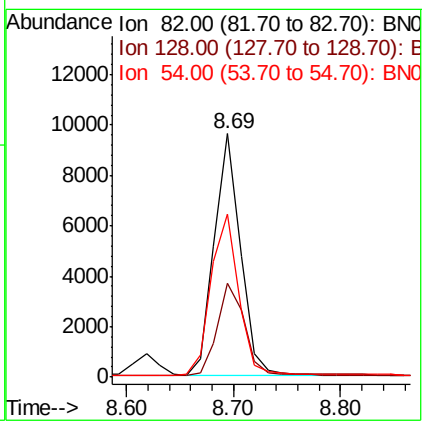


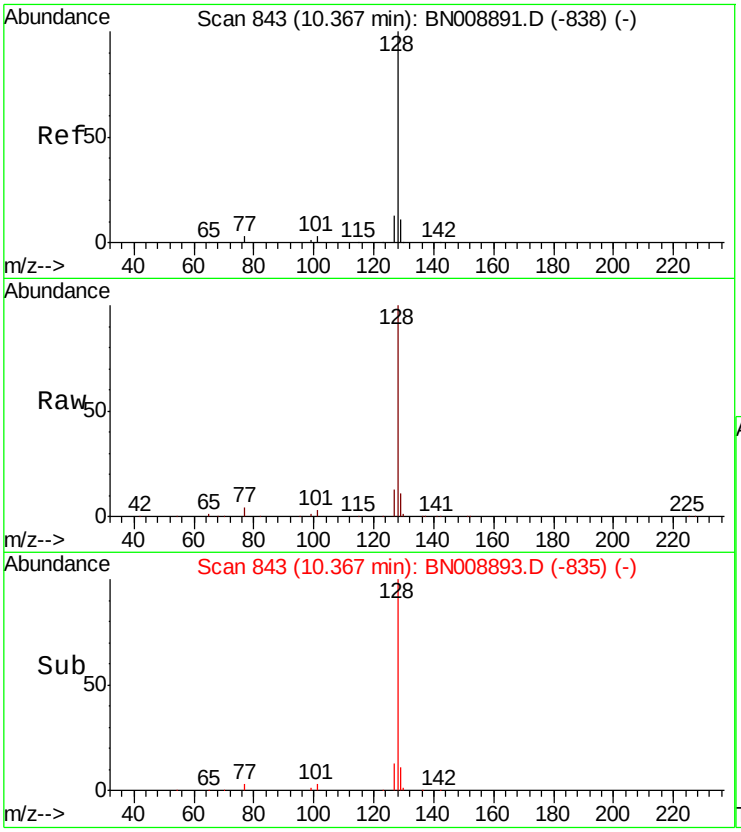


#8
Nitrobenzene-d5
Concen: 1.569 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion: 82 Resp: 16154

Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.1	43.7
54	66.8	59.7	89.5



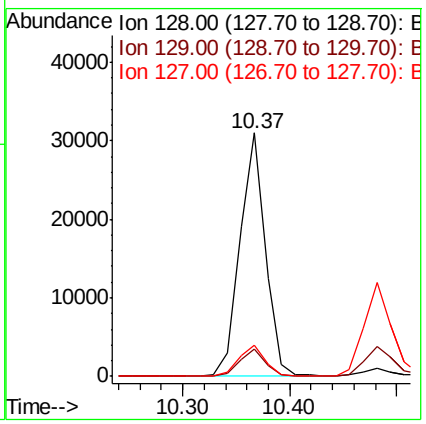


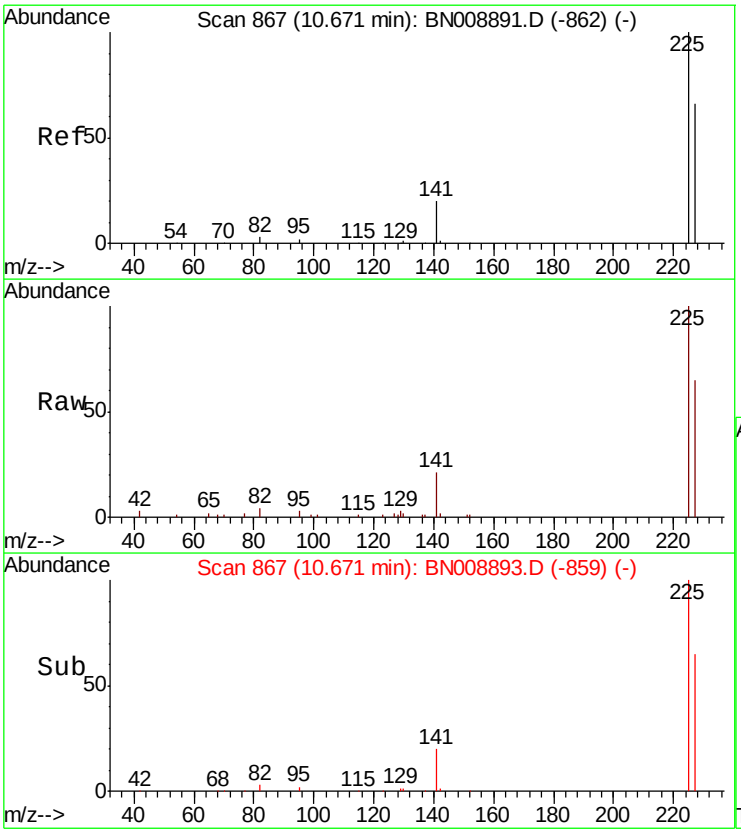
#9
Naphthalene
Concen: 1.642 ng
RT: 10.37 min Scan# 843
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 51104

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	12.9	10.8	16.2

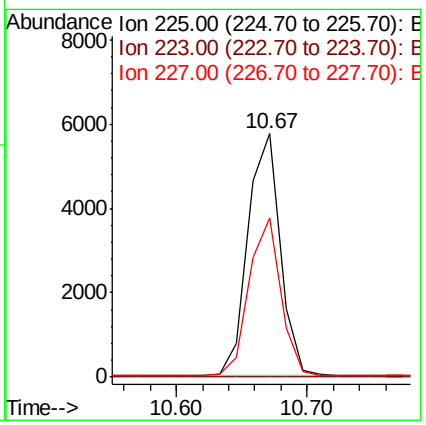


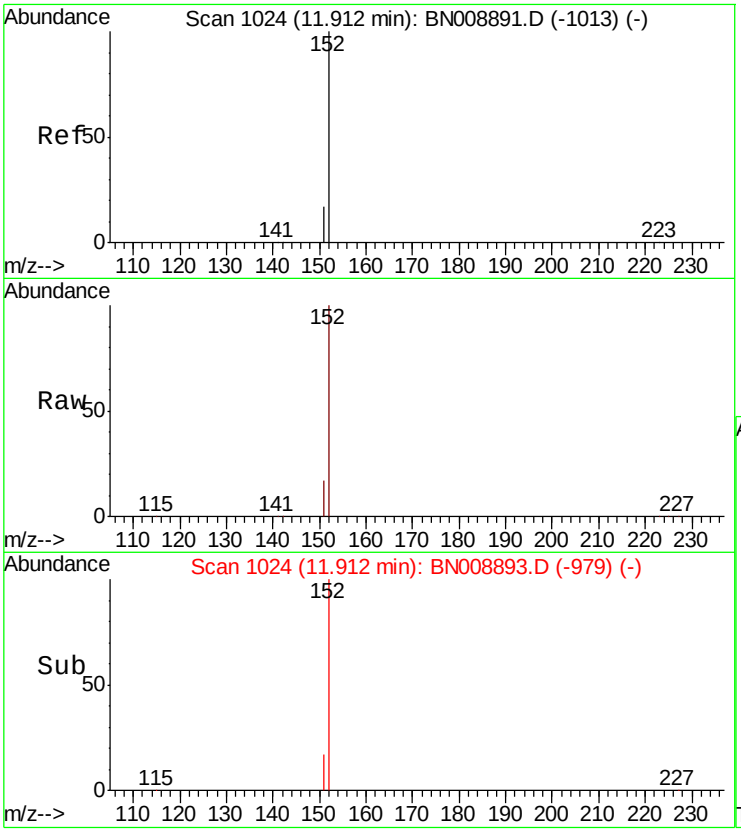


#10
Hexachlorobutadiene
Concen: 1.589 ng
RT: 10.67 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion:225 Resp: 9747

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.4	77.2



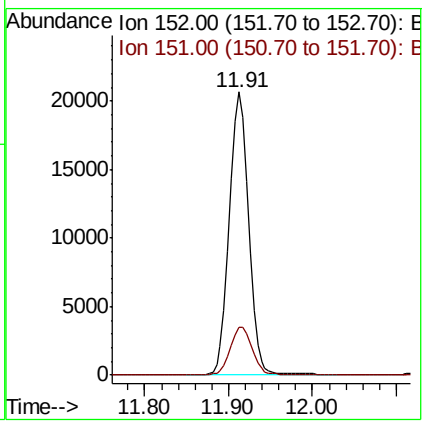


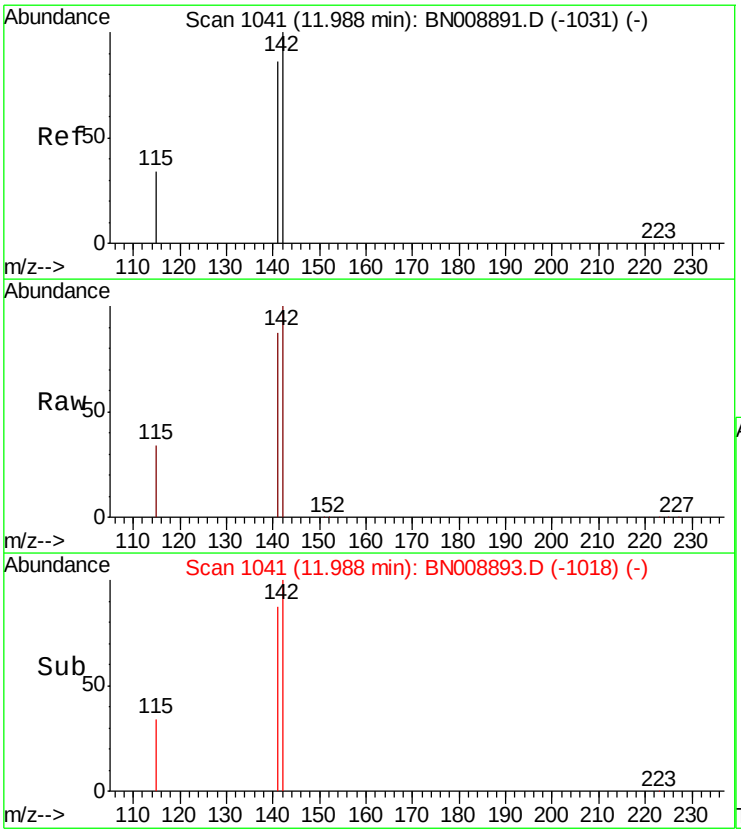
#11
2-Methylnaphthalene-d10
Concen: 1.670 ng
RT: 11.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 32322

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8

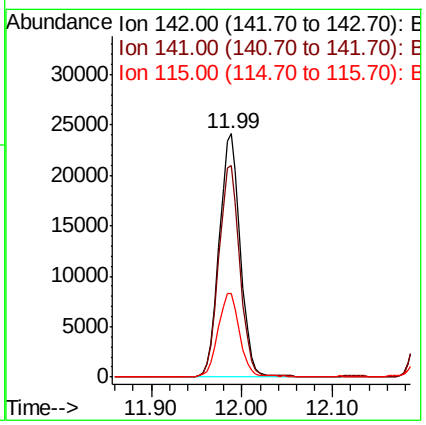


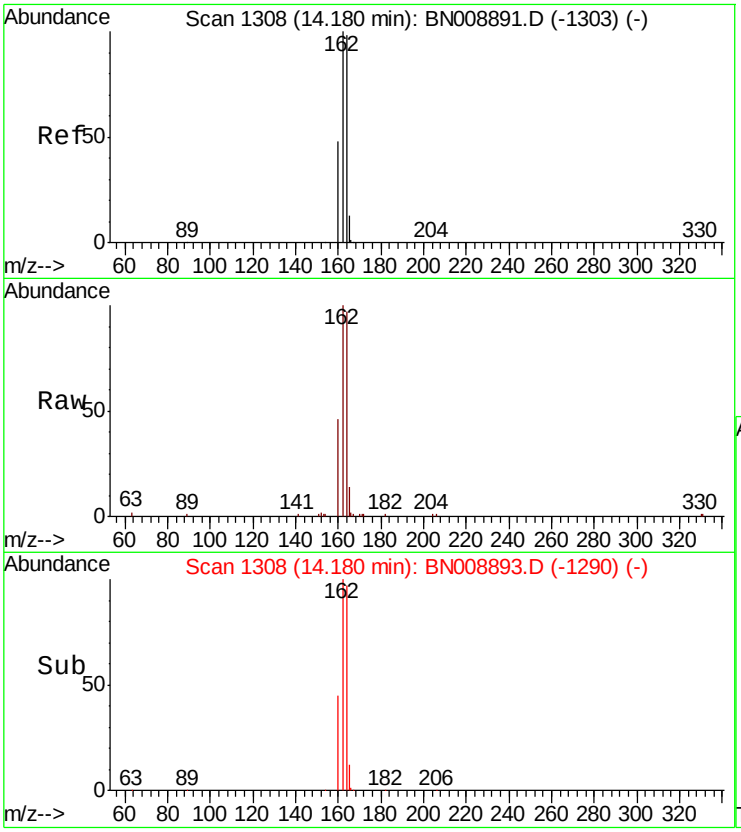


#12
2-Methylnaphthalene
Concen: 1.668 ng
RT: 11.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion:142 Resp: 38255

Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.3	103.9
115	34.5	27.9	41.9



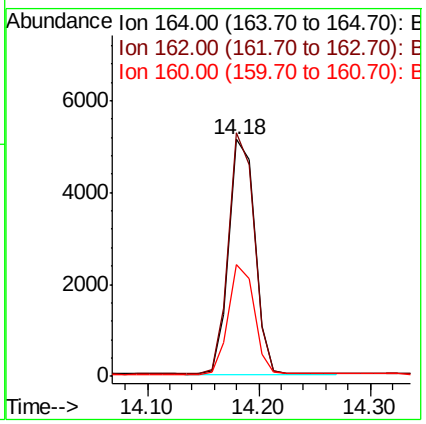


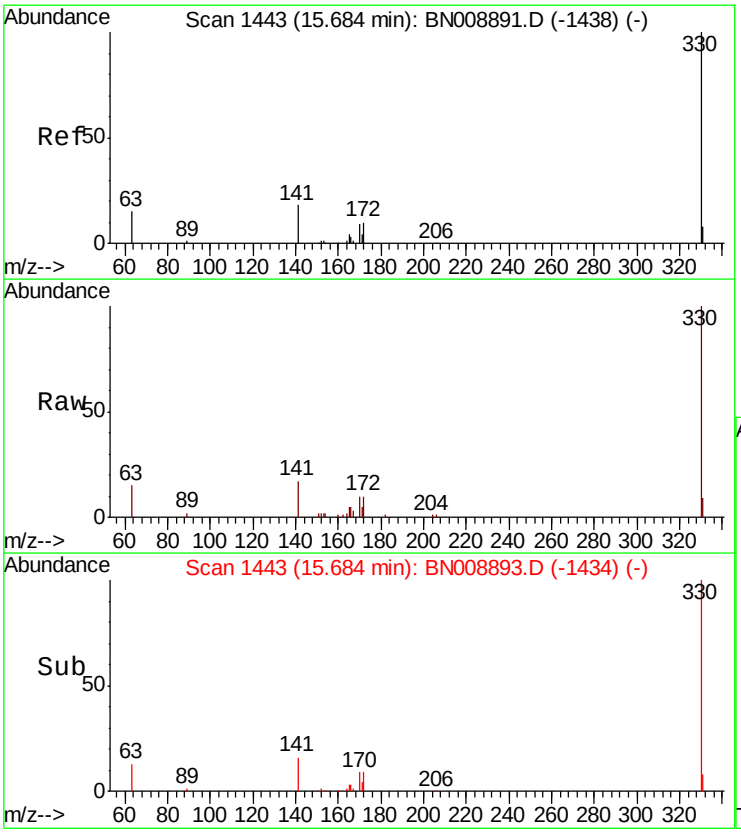
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 8241

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.9	122.9
160	47.0	39.3	58.9

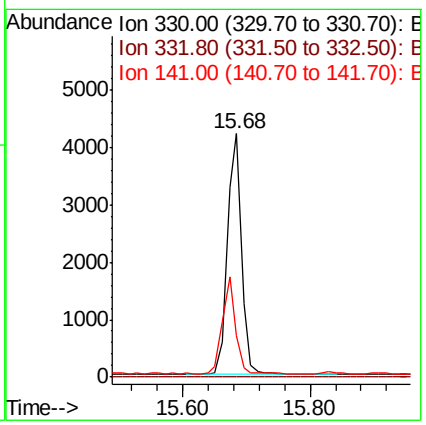


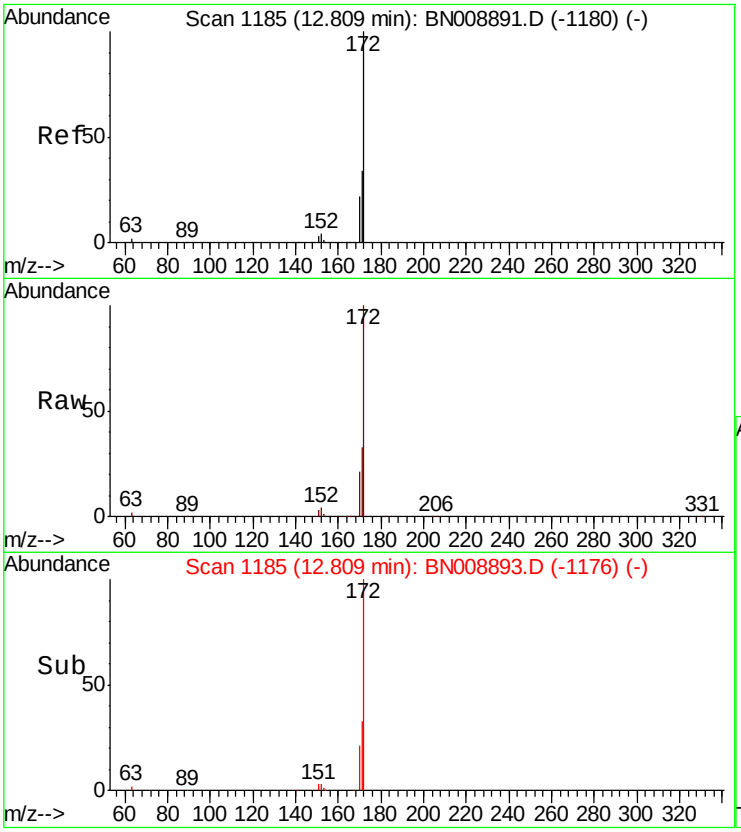


#14
2,4,6-Tribromophenol
Concen: 1.437 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion:330 Resp: 6443

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.8	29.6	44.4



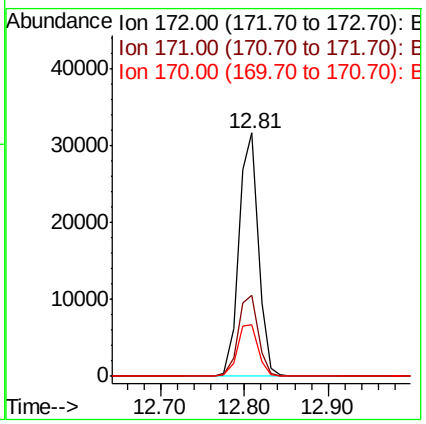


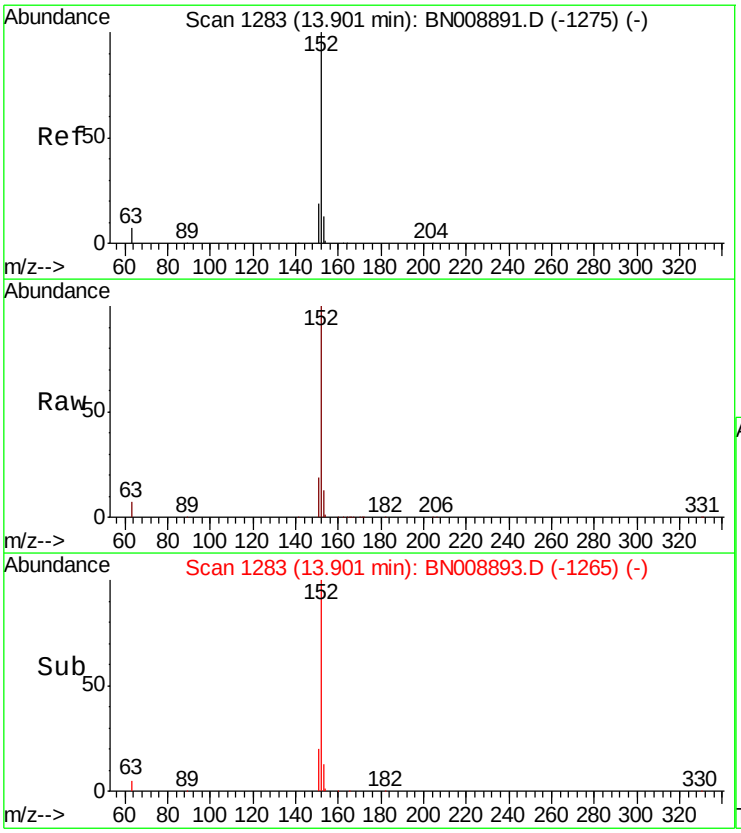
#15
2-Fluorobiphenyl
Concen: 1.644 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 50771

Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.1	40.7
170	21.3	17.7	26.5

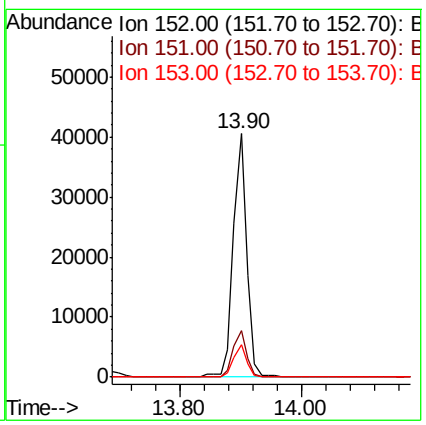


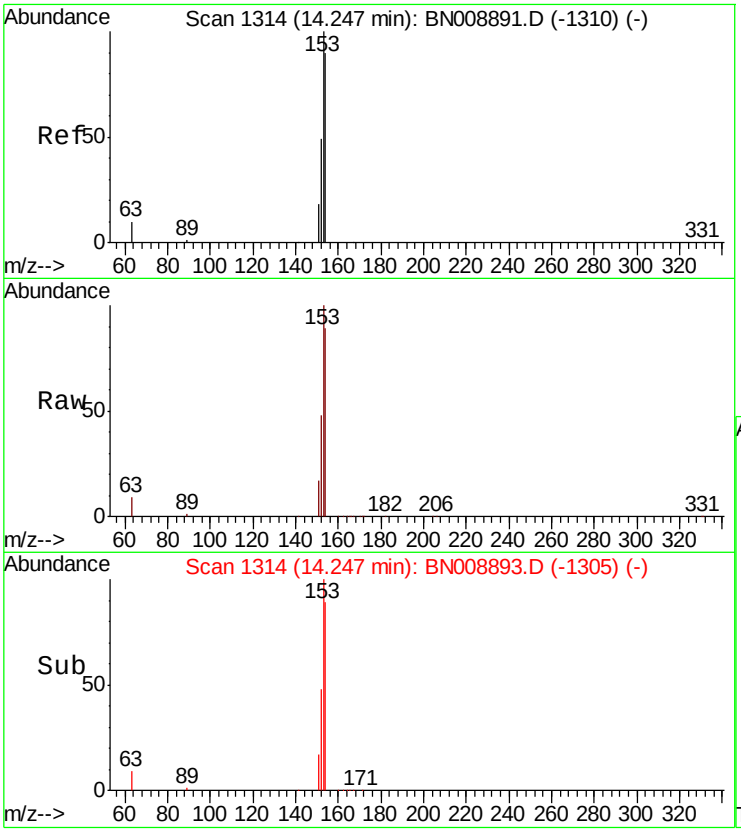


#16
Acenaphthylene
Concen: 1.602 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion:152 Resp: 61593

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9
153	12.9	10.3	15.5



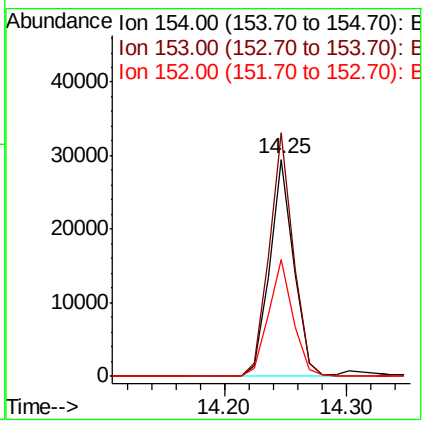


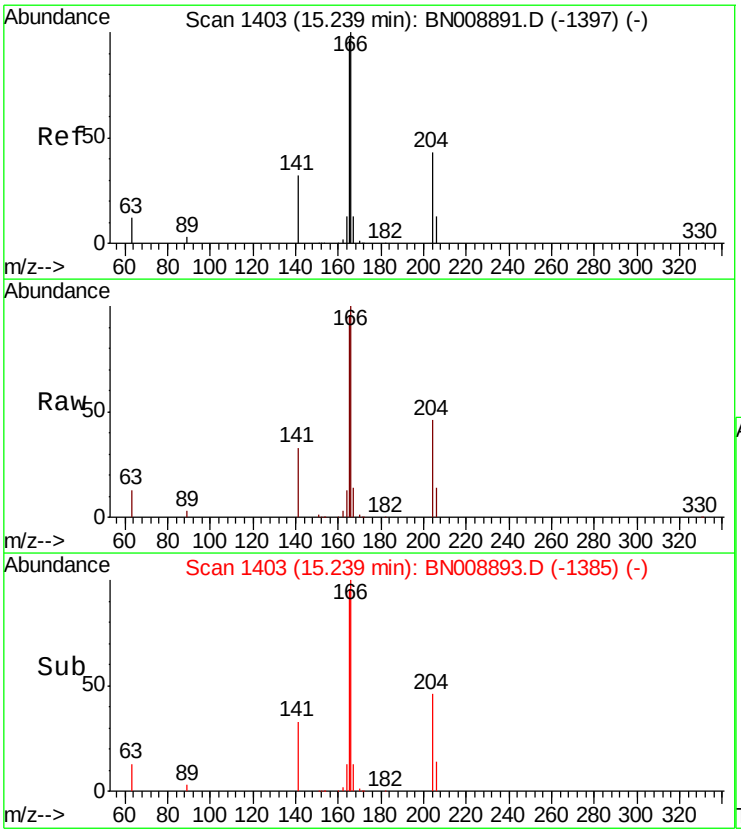
#17
Acenaphthene
Concen: 1.653 ng
RT: 14.25 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 40313

Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.2	133.8
152	55.0	44.2	66.4

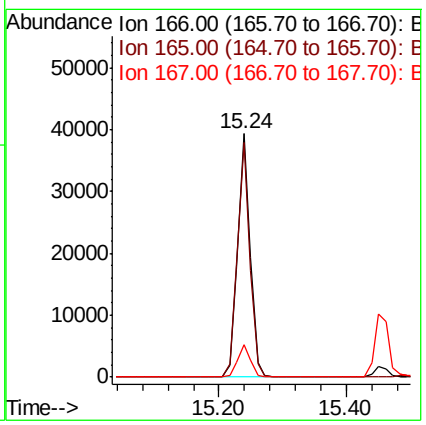


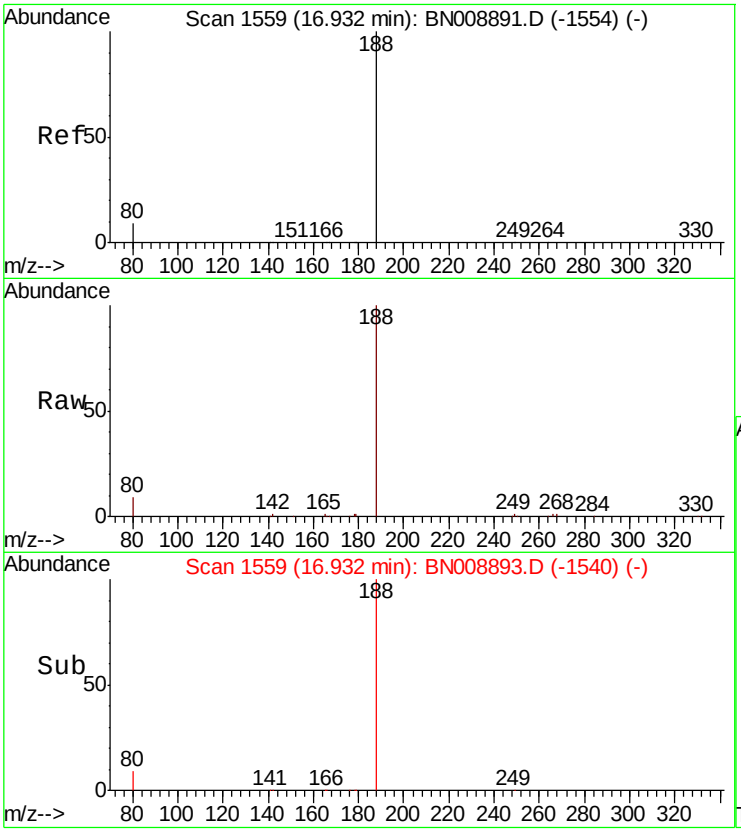


#18
Fluorene
Concen: 1.669 ng
RT: 15.24 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion:166 Resp: 53989

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.3	115.9
167	13.4	10.8	16.2



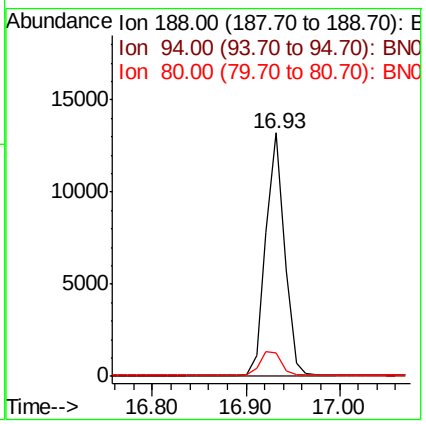


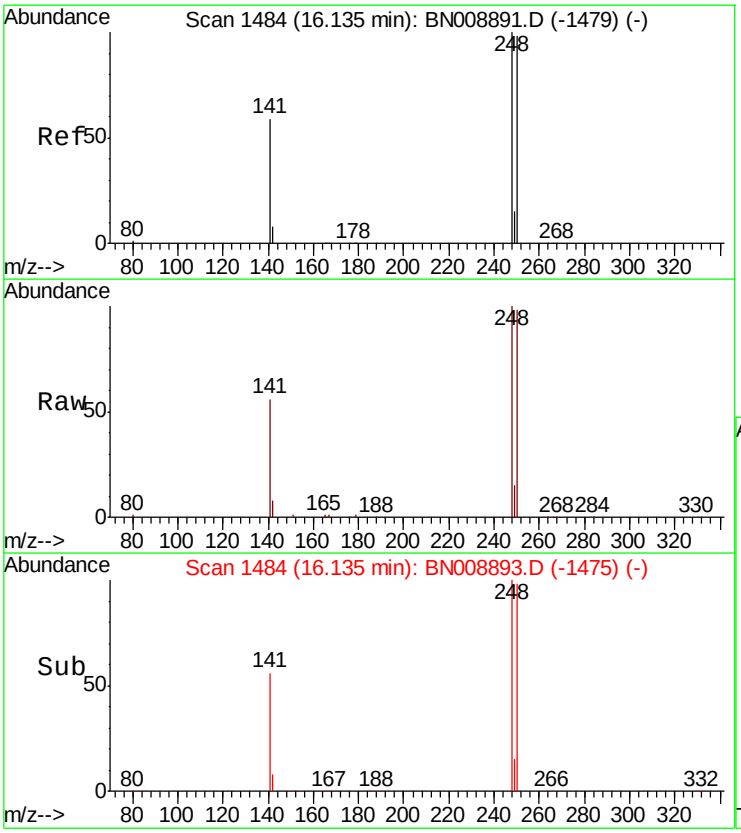
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 18274

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.3	10.9

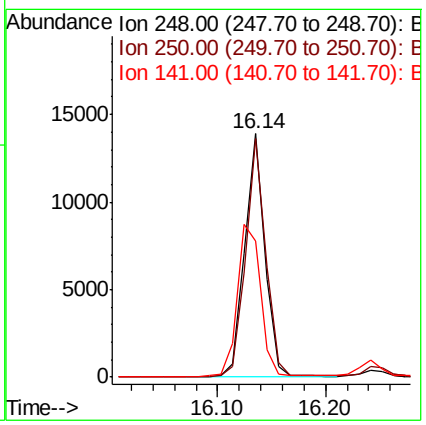


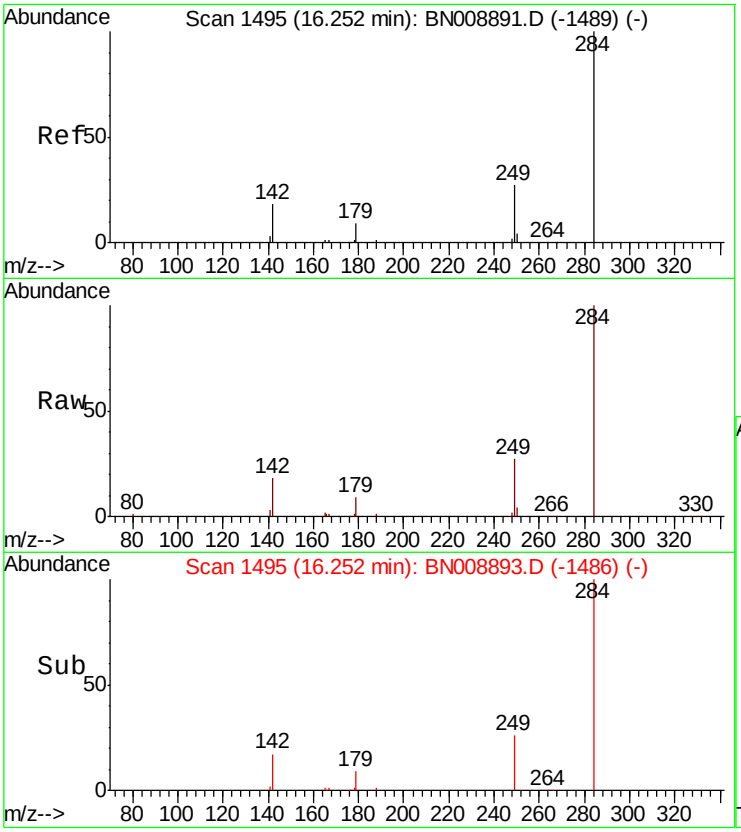


#20
4-Bromophenyl-phenylether
Concen: 1.658 ng
RT: 16.14 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion:248 Resp: 17736

Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.7	118.1
141	56.2	47.9	71.9



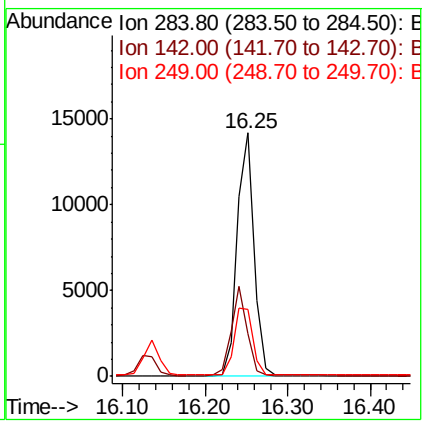


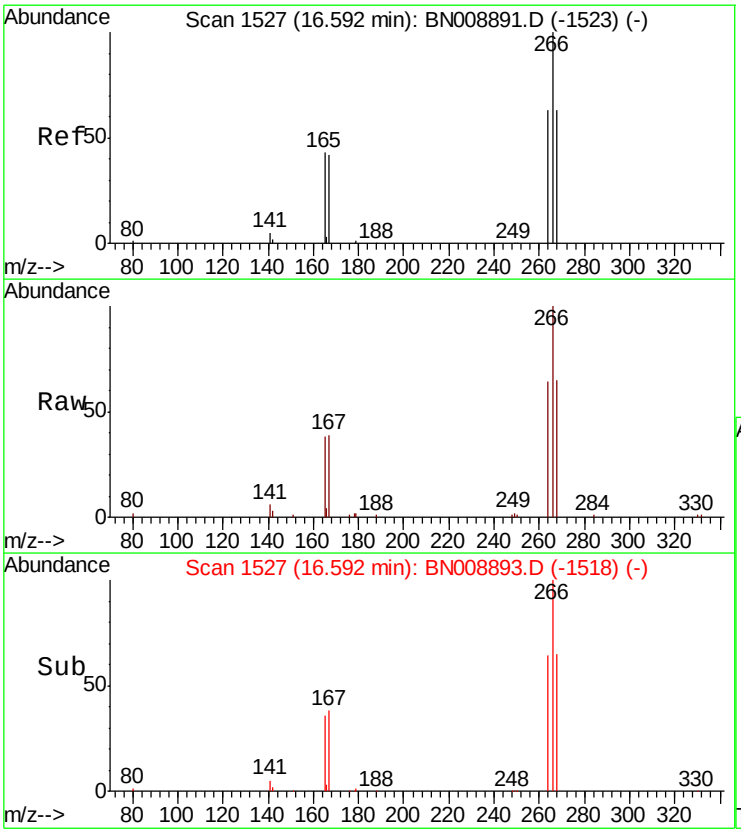
#21
Hexachlorobenzene
Concen: 1.624 ng
RT: 16.25 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 20049

Ion	Ratio	Lower	Upper
284	100		
142	34.6	27.8	41.6
249	31.1	25.3	37.9

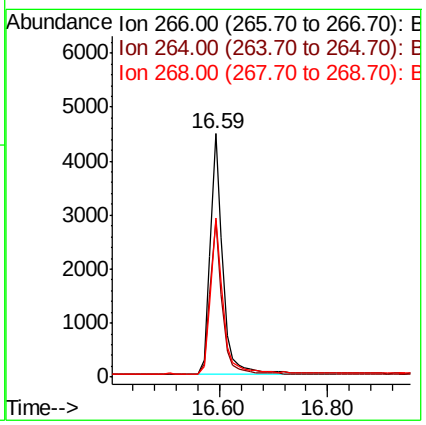


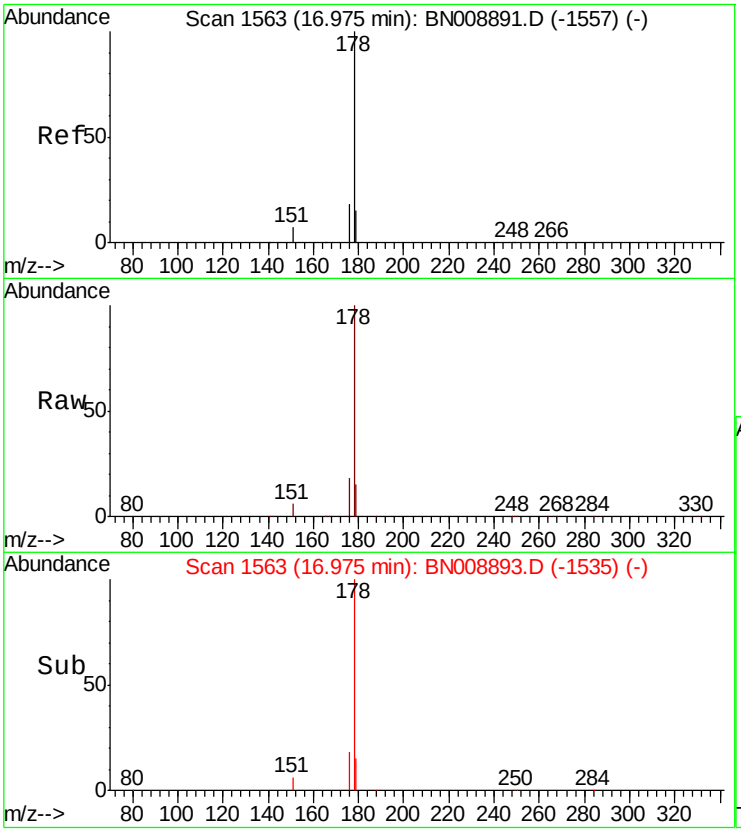


#22
Pentachlorophenol
Concen: 1.465 ng
RT: 16.59 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion:266 Resp: 7244

Ion	Ratio	Lower	Upper
266	100		
264	64.2	51.5	77.3
268	65.3	53.1	79.7



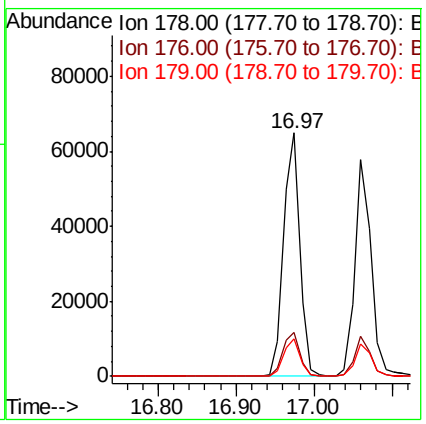


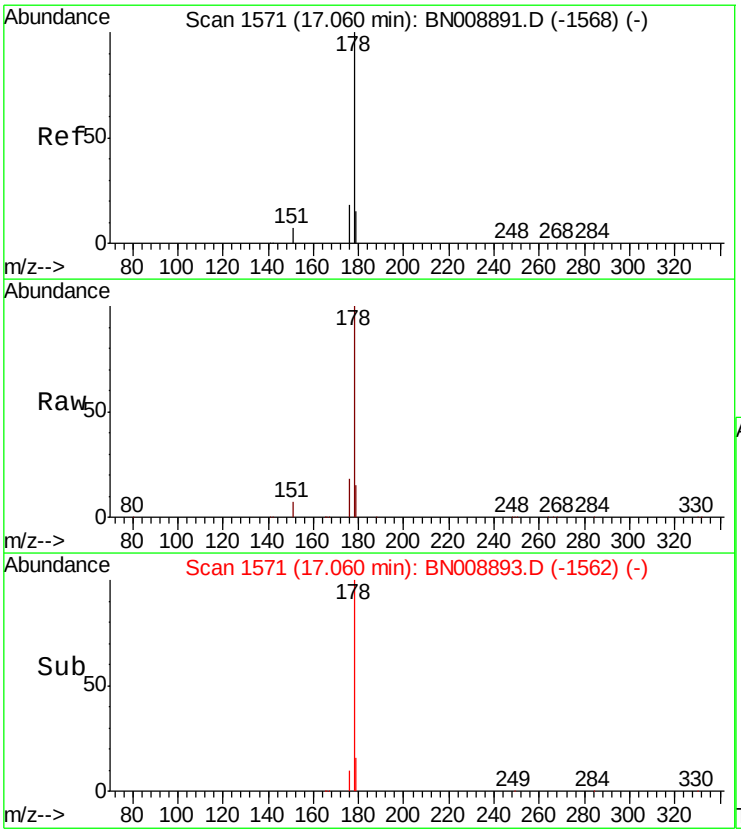
#23
Phenanthrene
Concen: 1.673 ng
RT: 16.97 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 93335

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.2	12.3	18.5

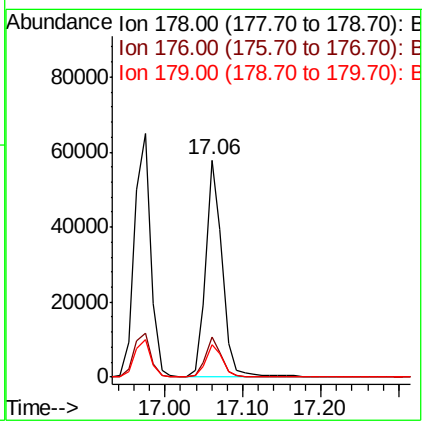


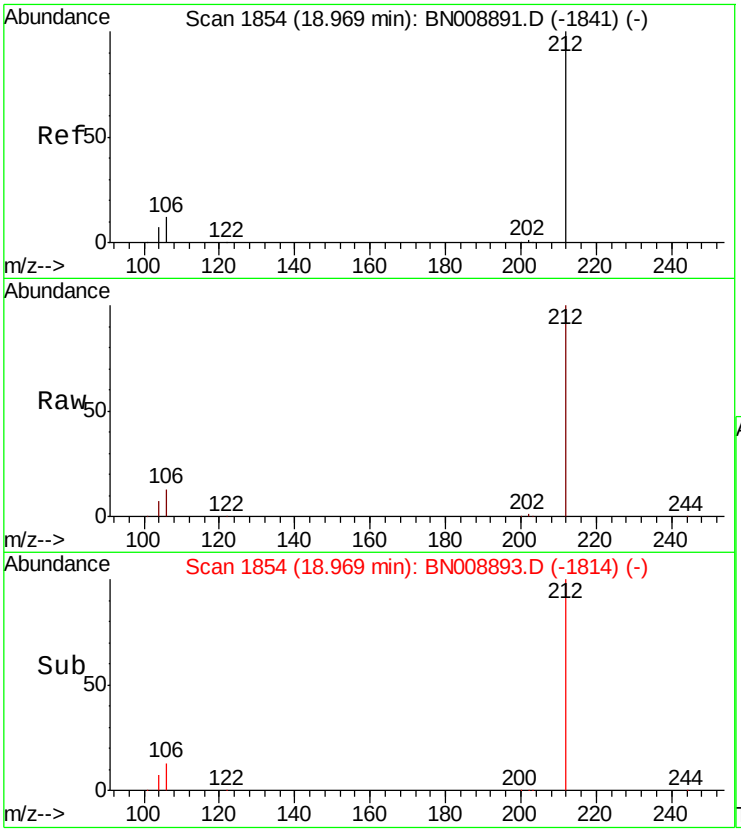


#24
Anthracene
Concen: 1.624 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion:178 Resp: 83162

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.4	21.6
179	15.2	12.1	18.1



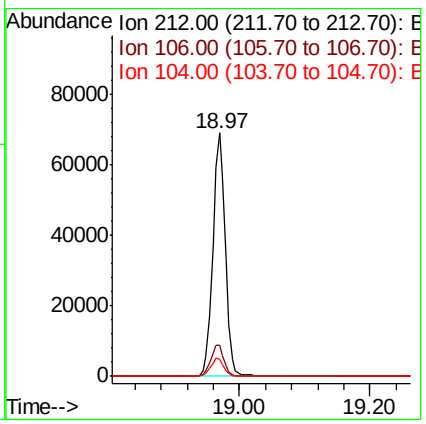


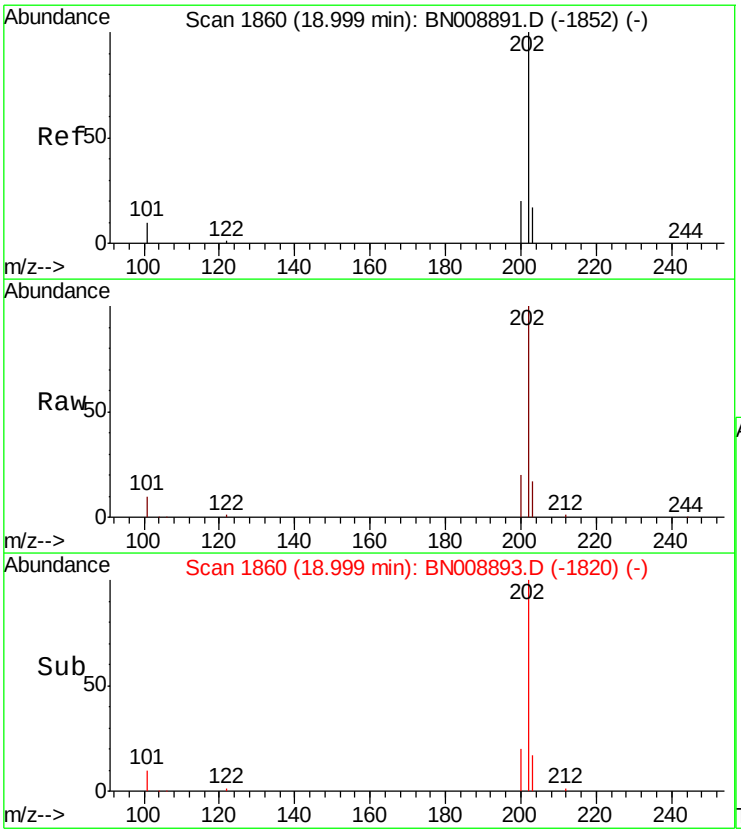
#25
Fluoranthene-d10
Concen: 1.643 ng
RT: 18.97 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 90939

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

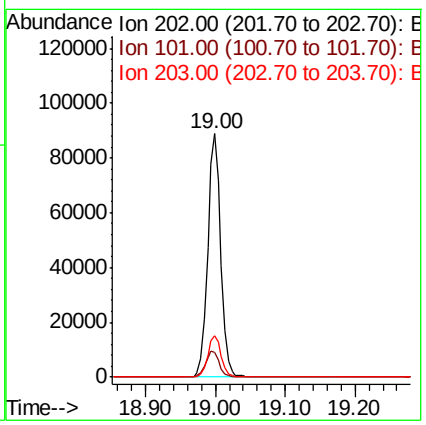


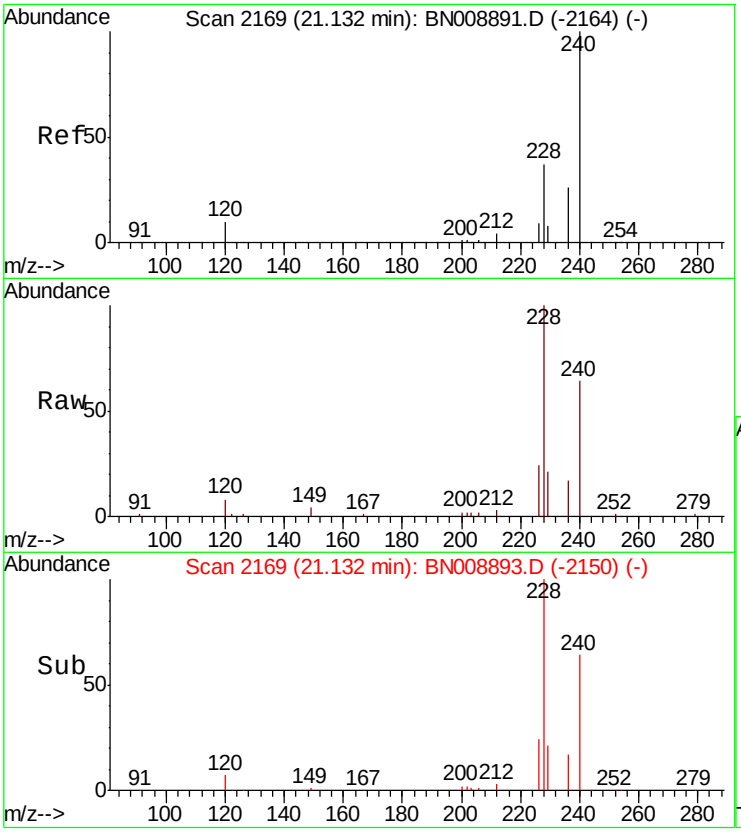


#26
Fluoranthene
Concen: 1.700 ng
RT: 19.00 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion:202 Resp: 114210

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.8	13.2
203	17.2	13.8	20.6



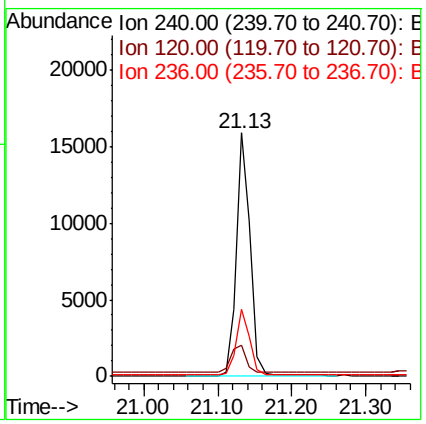


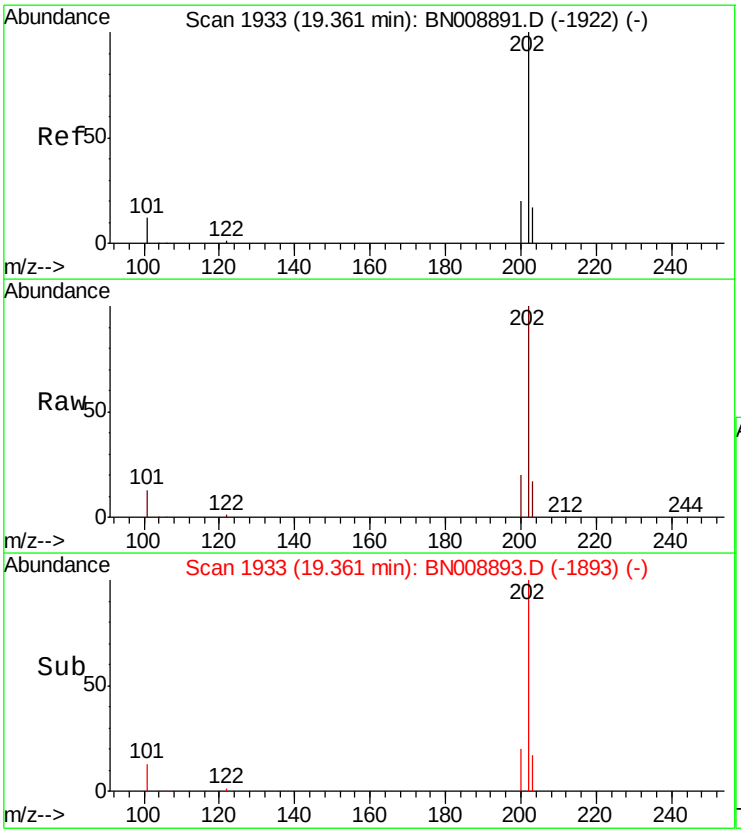
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 20419

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.1	13.7
236	27.3	21.5	32.3

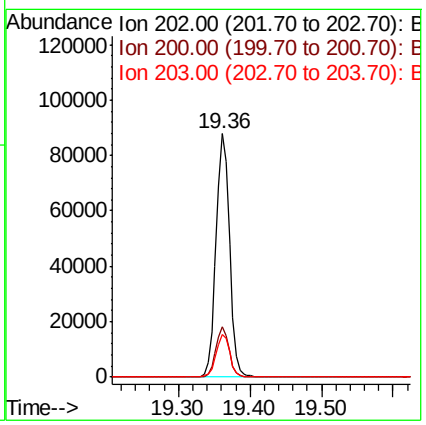


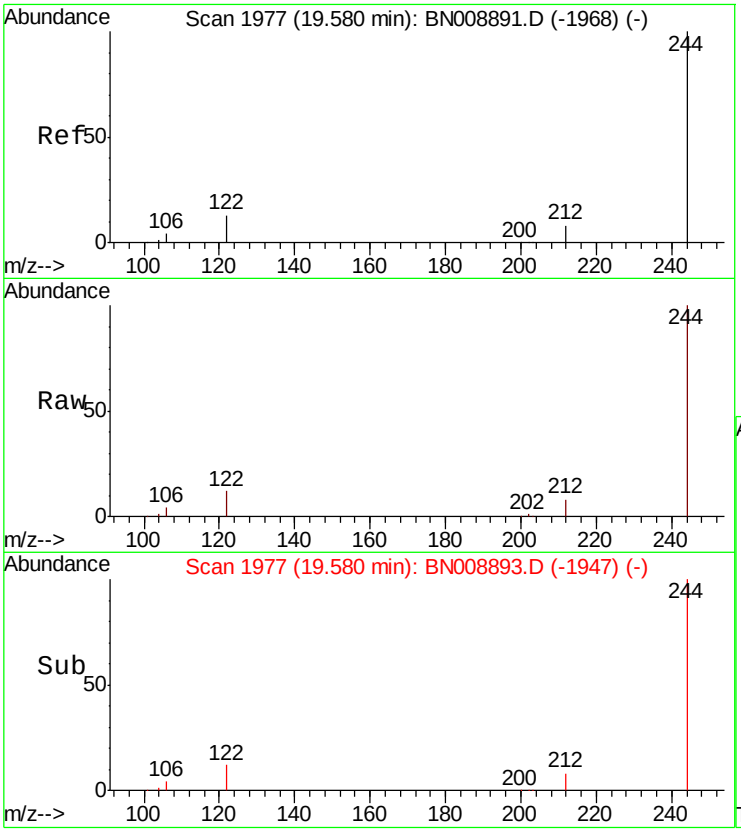


#28
Pyrene
Concen: 1.594 ng
RT: 19.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion:202 Resp: 113540

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	17.5	13.9	20.9



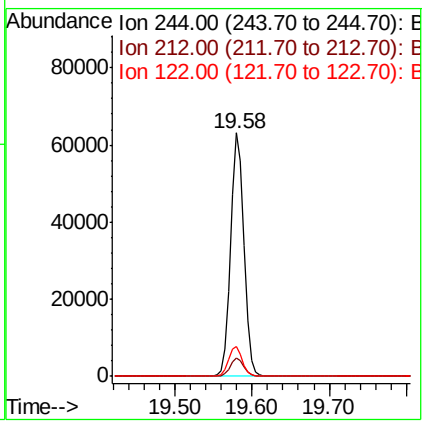


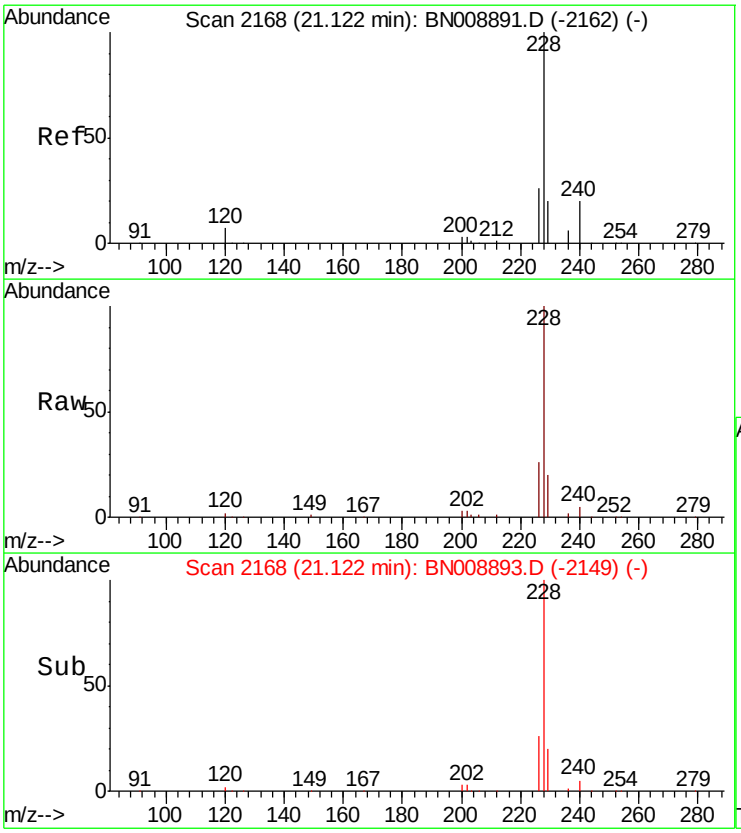
#29
Terphenyl-d14
Concen: 1.596 ng
RT: 19.58 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 75030

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	12.1	10.4	15.6

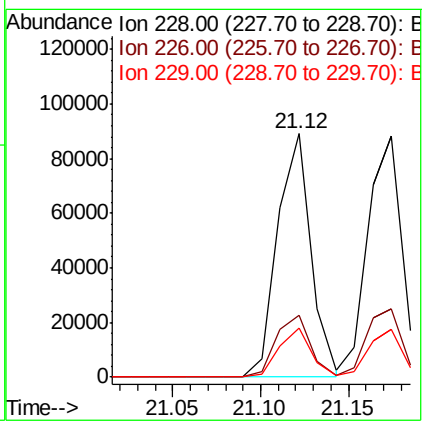


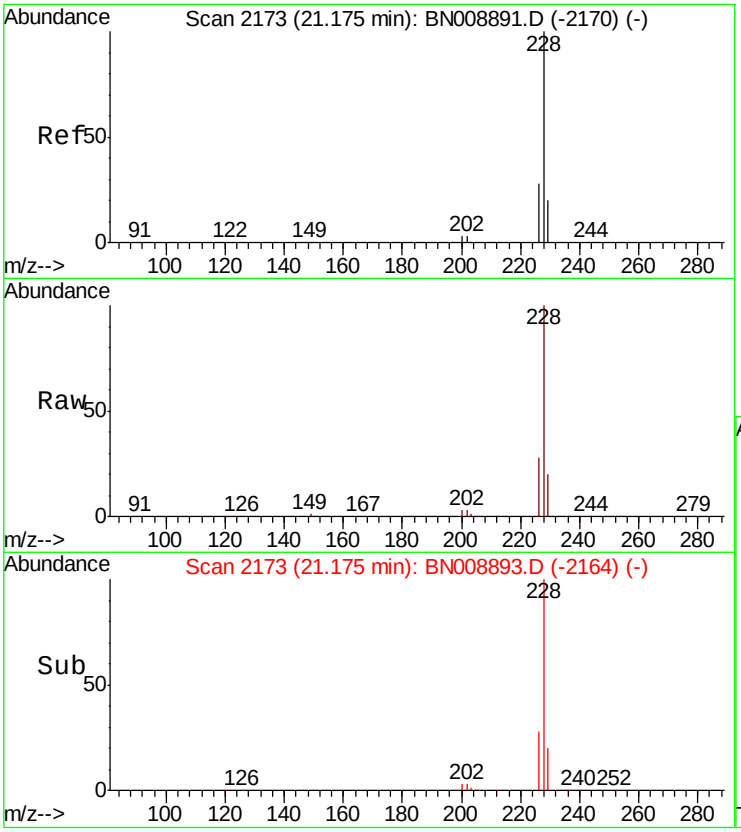


#30
Benzo(a)anthracene
Concen: 1.599 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion:228 Resp: 117992

Ion	Ratio	Lower	Upper
228	100		
226	25.6	20.6	30.8
229	19.9	15.9	23.9



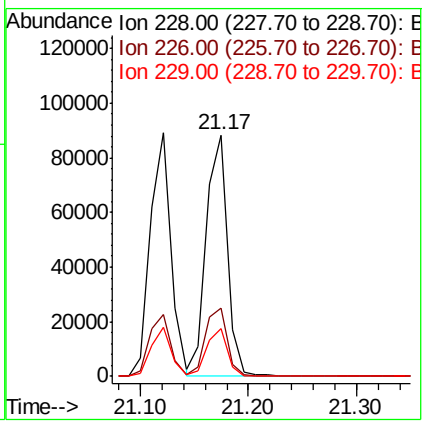


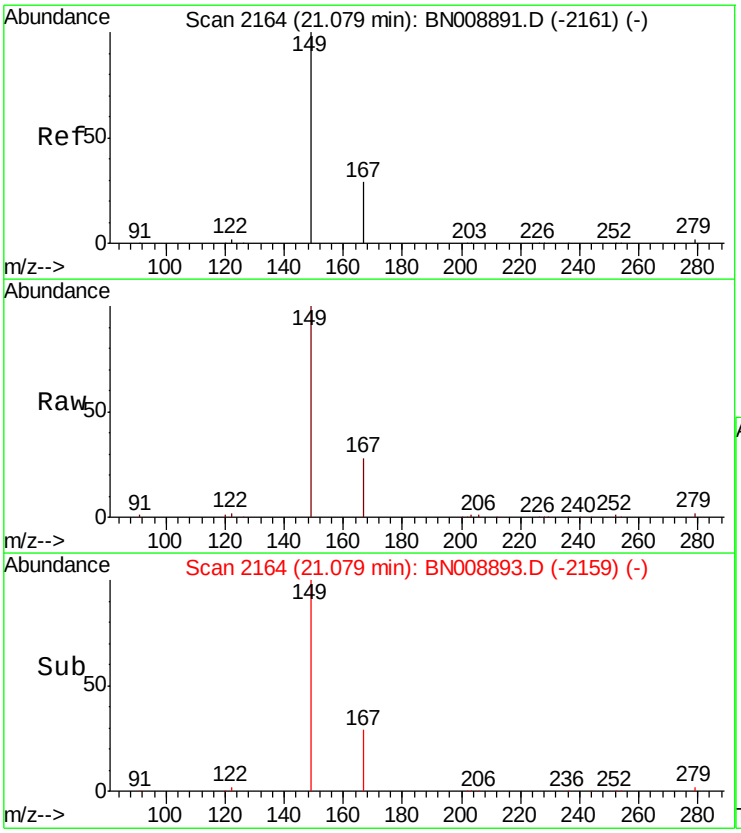
#31
Chrysene
Concen: 1.677 ng
RT: 21.17 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 120123

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	19.8	15.9	23.9

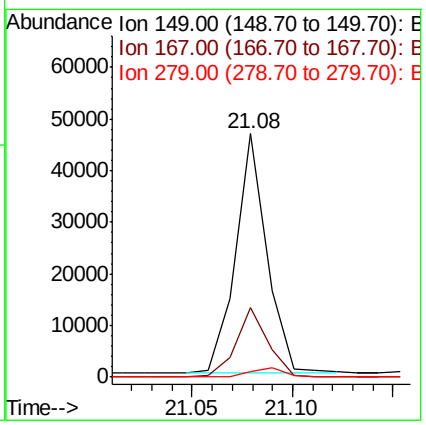


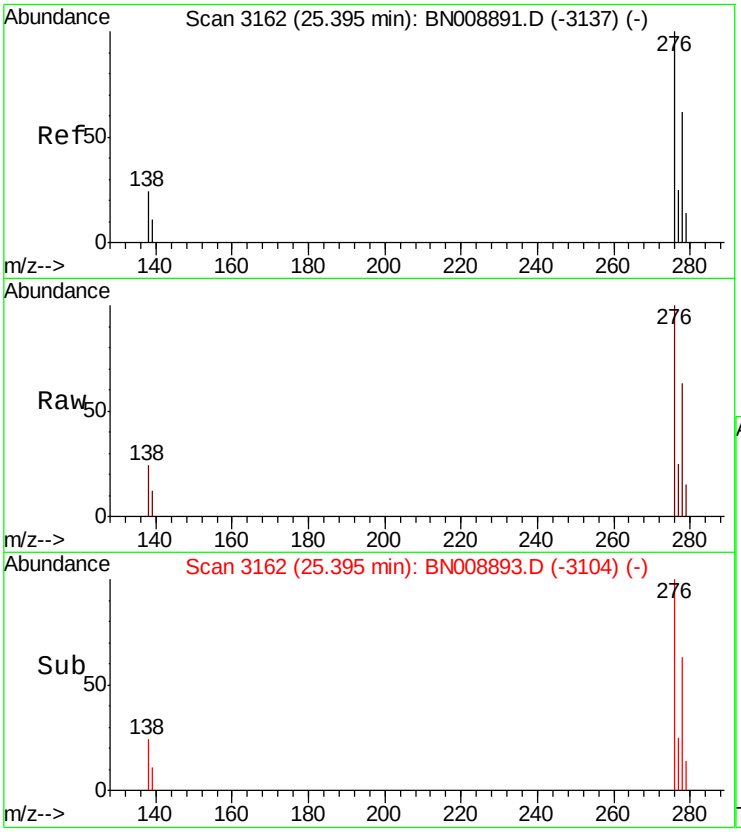


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.026 ng
RT: 21.08 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion:149 Resp: 50467

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.7	34.1
279	4.0	3.3	4.9



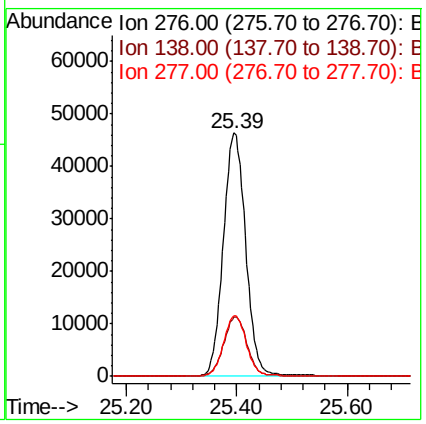


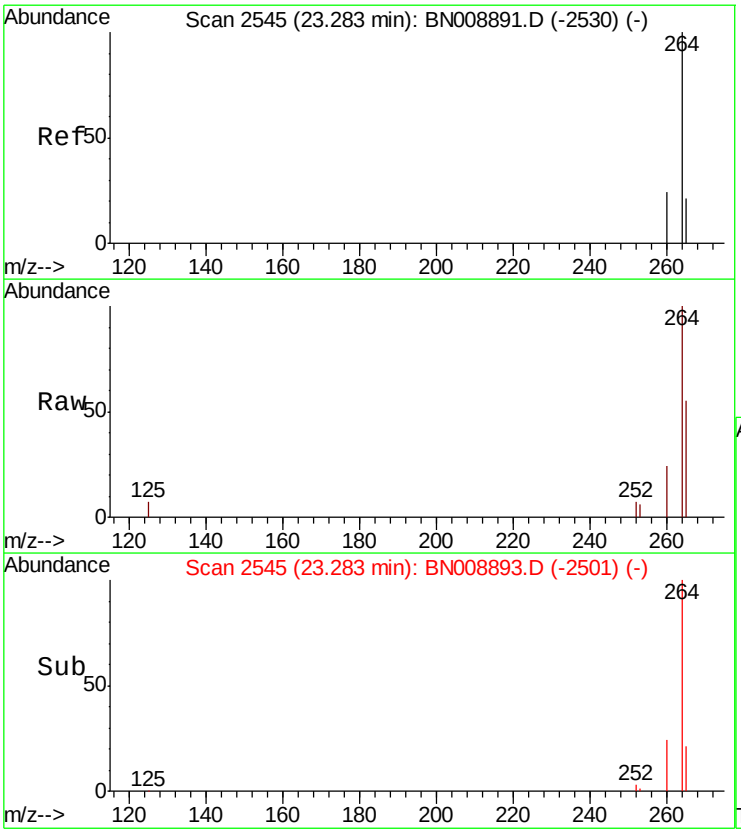
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.476 ng
RT: 25.39 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 130556

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.9	29.9
277	24.9	19.8	29.8

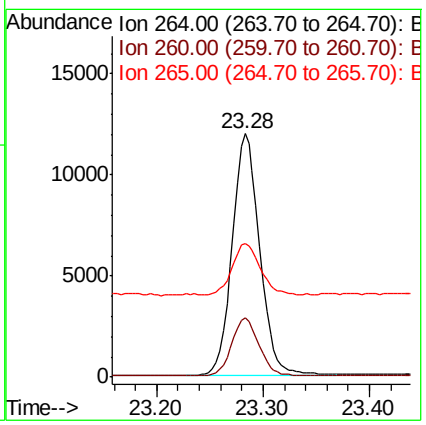


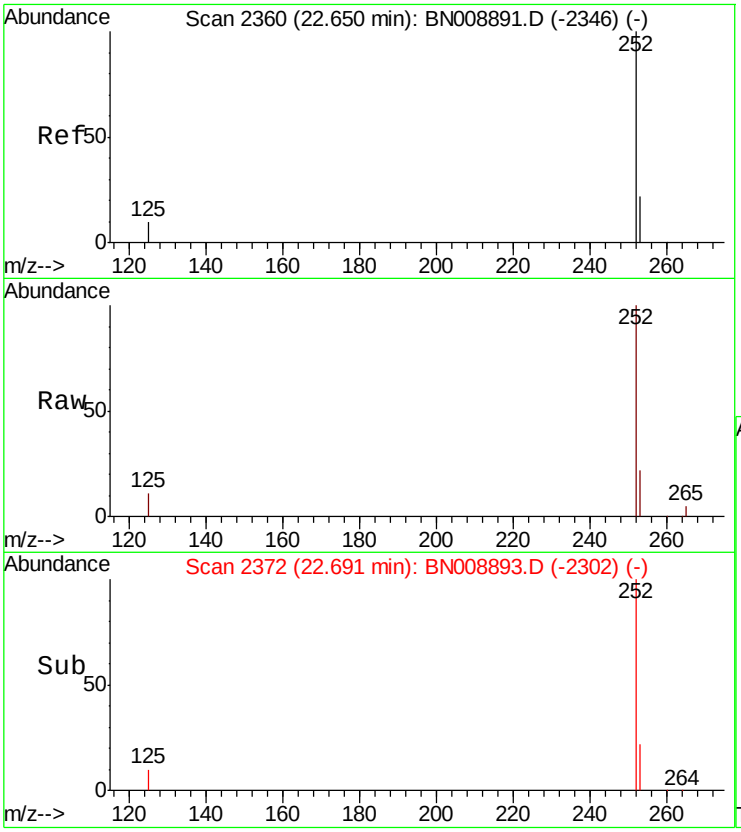


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion:264 Resp: 21354

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	54.9	47.5	71.3



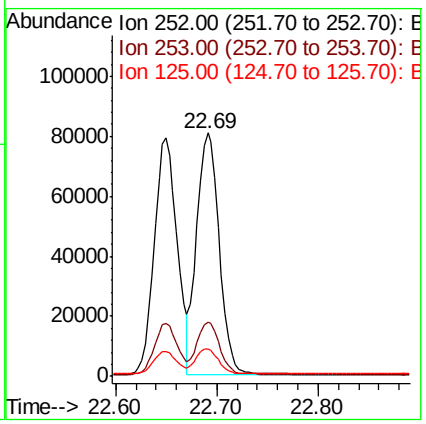


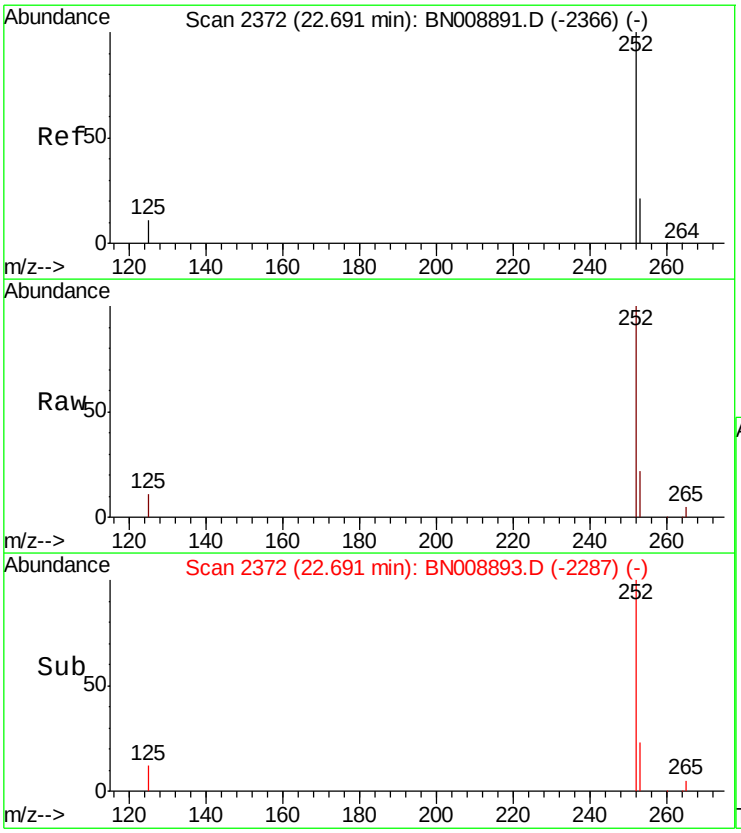
#35
Benzo(b)fluoranthene
Concen: 1.755 ng
RT: 22.69 min Scan# 2372
Delta R.T. 0.04 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 124444

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.8	29.6
125	11.4	10.8	16.2

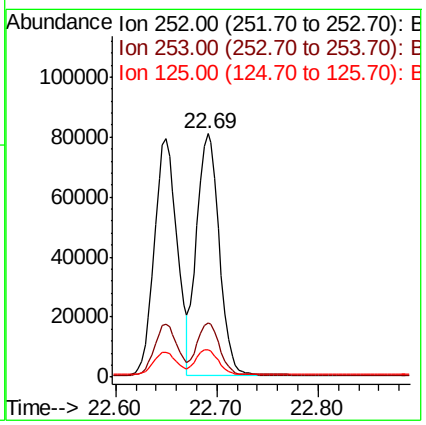


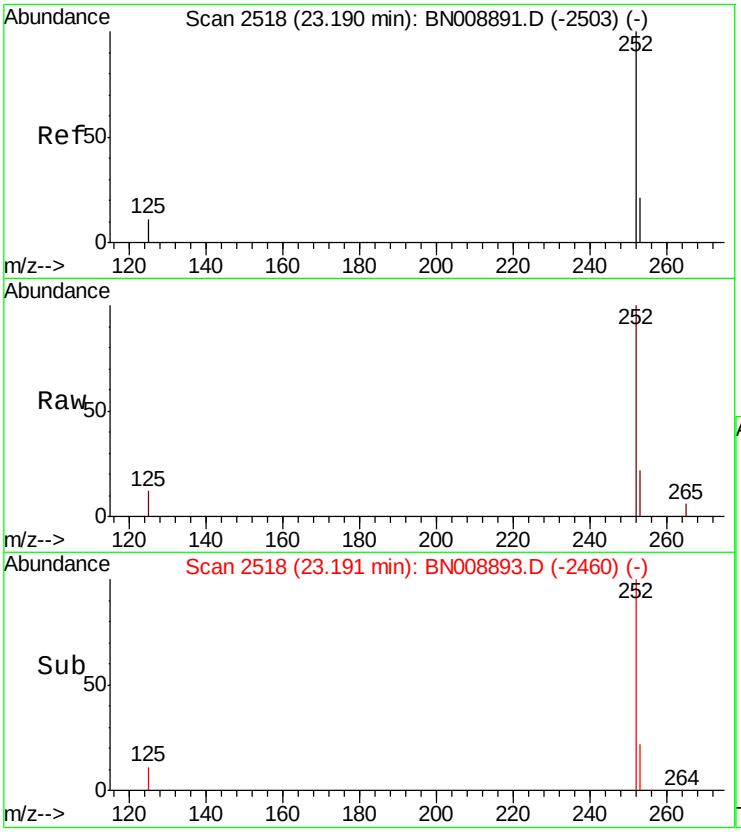


#36
Benzo(k)fluoranthene
Concen: 1.786 ng
RT: 22.69 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion:252 Resp: 124444

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.2	28.8
125	11.4	11.6	17.4#



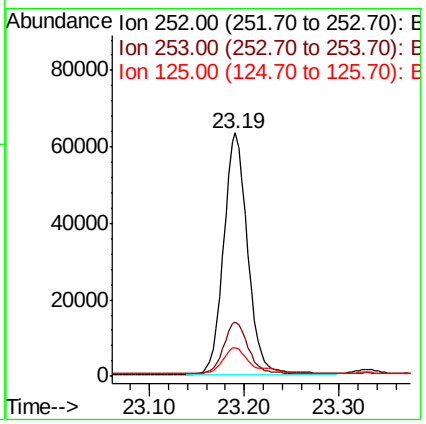


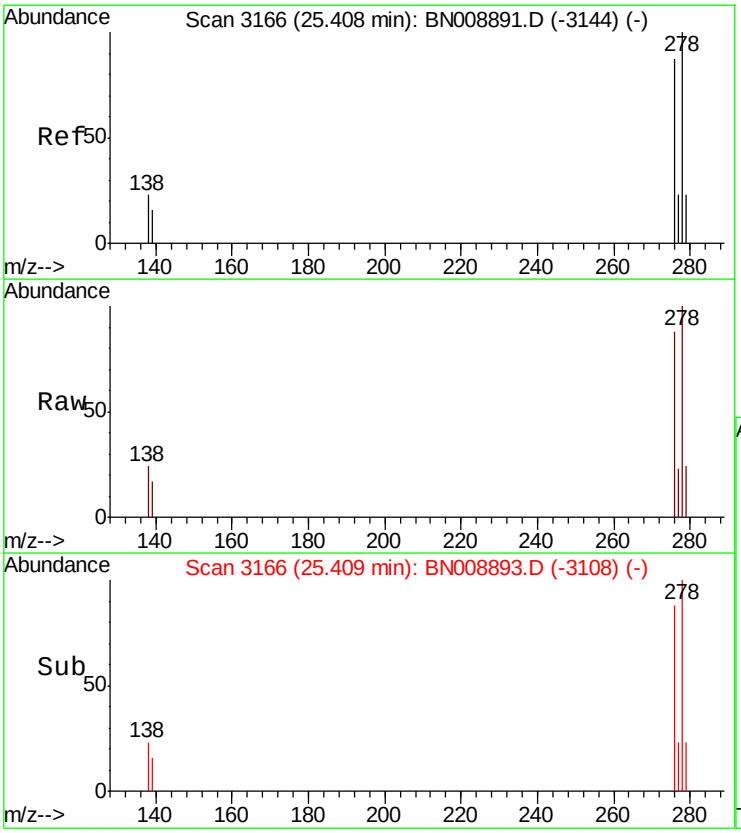
#37
Benzo(a)pyrene
Concen: 1.670 ng
RT: 23.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 111731

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.9	29.9
125	11.8	12.3	18.5#

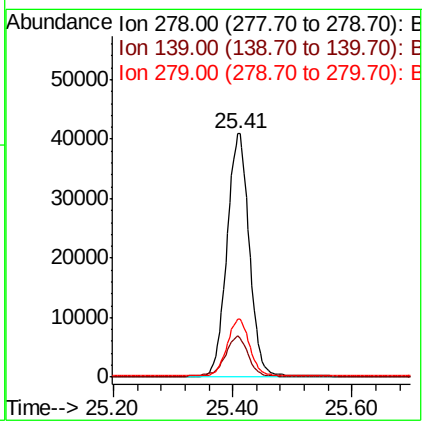


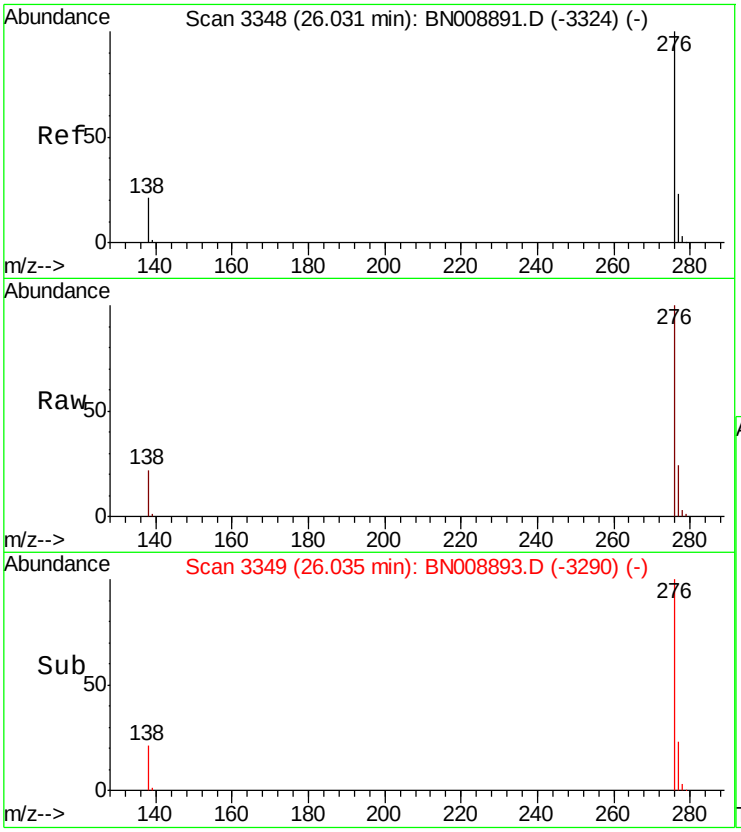


#38
Dibenzo(a,h)anthracene
Concen: 1.552 ng
RT: 25.41 min Scan# 3166
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Tgt Ion:278 Resp: 106004

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.9	20.9
279	23.7	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 1.499 ng
RT: 26.03 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BN008893.D
Acq: 09 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 103704

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.2
138	21.7	17.8	26.6