Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032319\
Data File : BN004933.D
Acq On : 23 Mar 2019 22:36
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 24 01:03:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	1244	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	5369	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	2997	0.40	ng		-0.01
19) Phenanthrene-d10	17.08	188	7021	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	10679	0.40	ng		-0.01
34) Perylene-d12	23.53	264	14519	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	1662	0.49	ng		0.00
5) Phenol-d6	6.87	99	2122	0.50	ng		0.00
8) Nitrobenzene-d5	8.84	82	1723	0.49	ng		-0.03
11) 2-Methylnaphthalene-d10	12.07	152	3708	0.40	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	893	0.43	ng		-0.01
15) 2-Fluorobiphenyl	12.95	172	5663	0.46	ng		-0.01
25) Fluoranthene-d10	19.12	212	9993	0.43	ng		-0.01
29) Terphenyl-d14	19.72	244	8891	0.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	622	0.440	ng		98
3) n-Nitrosodimethylamine	3.57	42	379	0.453	ng	#	97
6) bis(2-Chloroethyl)ether	7.12	93	1748	0.460	ng		99
9) Naphthalene	10.52	128	6546	0.435	ng		99
10) Hexachlorobutadiene	10.80	225	1177	0.410	ng	#	100
12) 2-Methylnaphthalene	12.14	142	4499	0.402	ng		98
16) Acenaphthylene	14.05	152	6608	0.428	ng		100
17) Acenaphthene	14.39	154	4281	0.423	ng		99
18) Fluorene	15.38	166	5579	0.395	ng		99
20) 4-Bromophenyl-phenylether	16.27	248	1863	0.406	ng		100
21) Hexachlorobenzene	16.38	284	2063	0.393	ng		94
22) Pentachlorophenol	16.75	266	563	0.548	ng		98
23) Phenanthrene	17.12	178	9480	0.418	ng		100
24) Anthracene	17.22	178	8525	0.421	ng		100
26) Fluoranthene	19.15	202	12273	0.421	ng		99
28) Pyrene	19.51	202	12879	0.396	ng		100
30) Benzo(a)anthracene	21.26	228	14814	0.423	ng		97
31) Chrysene	21.31	228	15279	0.414	ng		98
32) Bis(2-ethylhexyl)phthalate	21.17	149	6131	0.438	ng		98
33) Indeno(1,2,3-cd)pyrene	25.79	276	28284	0.530	ng		98
35) Benzo(b)fluoranthene	22.85	252	19597	0.373	ng	#	96
36) Benzo(k)fluoranthene	22.89	252	18834	0.364	ng	#	96
37) Benzo(a)pyrene	23.43	252	19164	0.398	ng	#	96
38) Dibenzo(a,h)anthracene	25.80	278	23033	0.413	ng		97
39) Benzo(g,h,i)perylene	26.49	276	23846	0.419	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032319\
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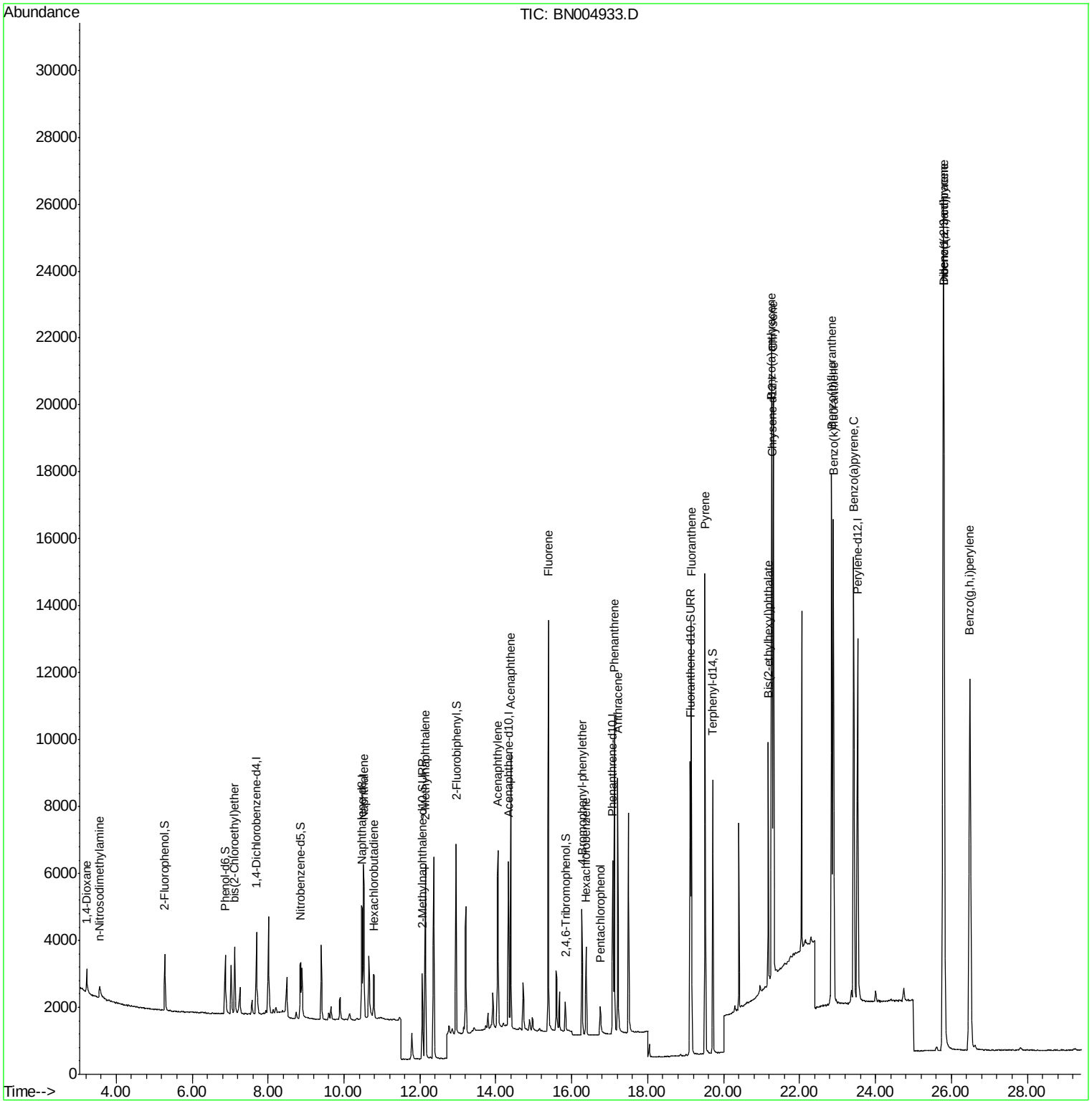
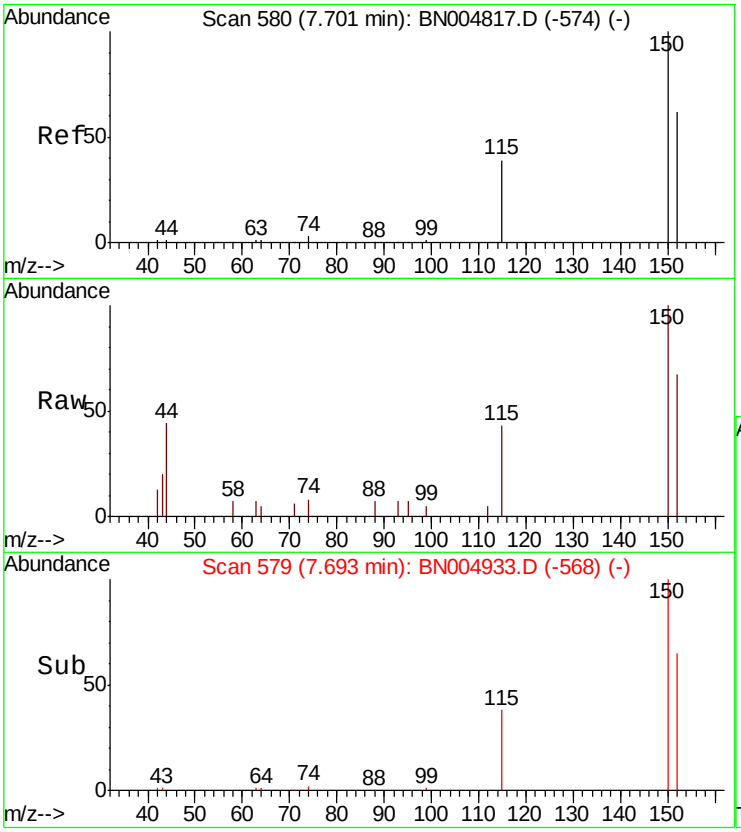
Acq On : 23 Mar 2019 22:36
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 24 01:03:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration



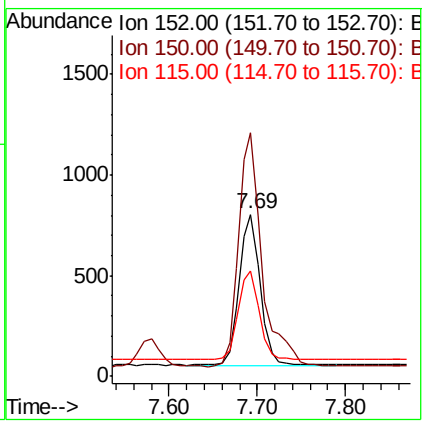


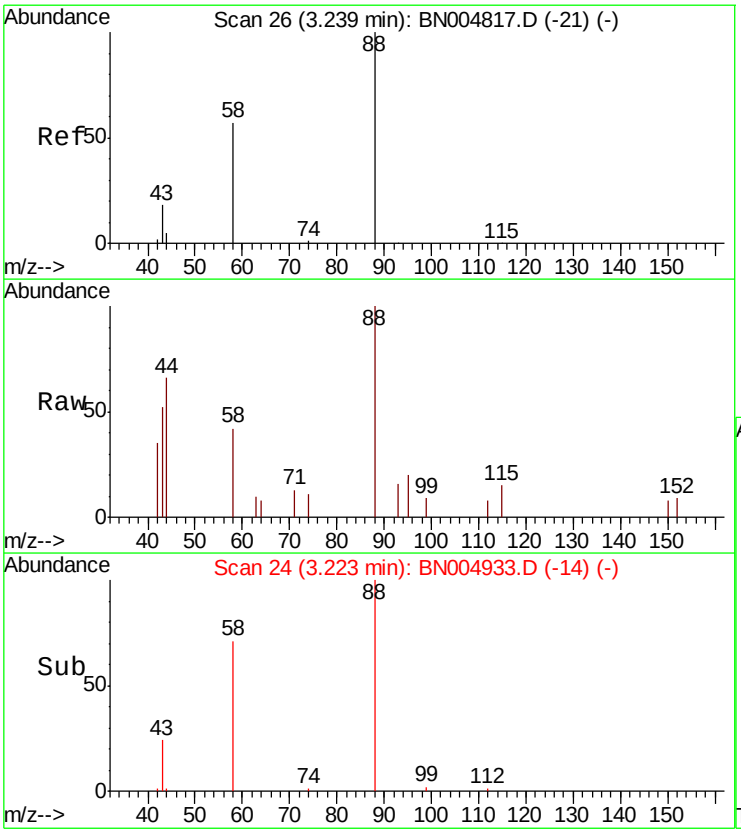
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1244

Ion	Ratio	Lower	Upper
152	100		
150	150.2	126.2	189.4
115	64.7	52.6	79.0

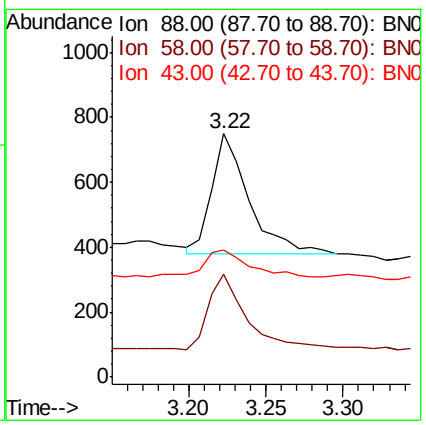


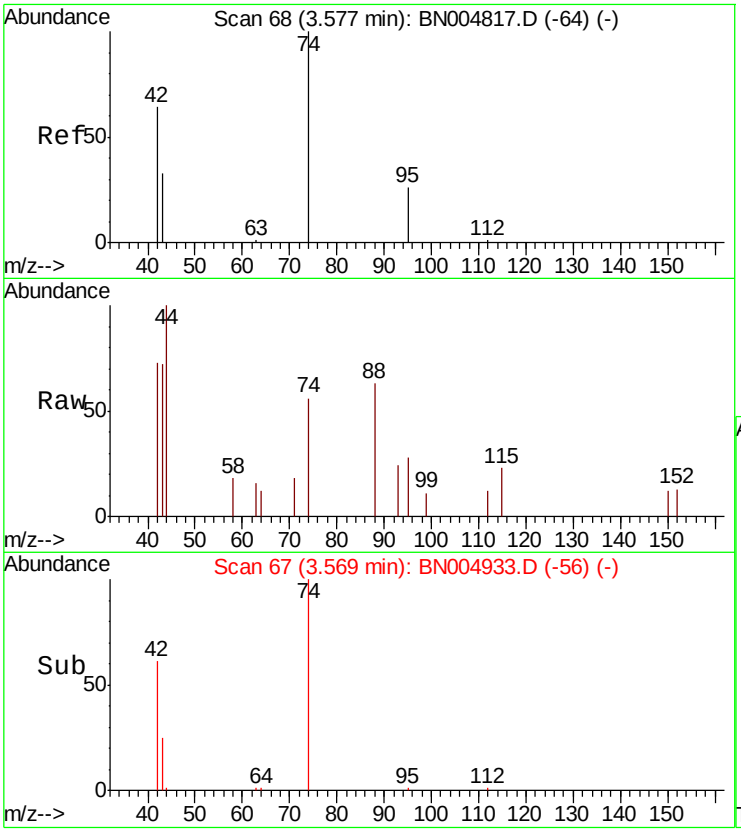


#2
1,4-Dioxane
Concen: 0.440 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.02 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion: 88 Resp: 622

Ion	Ratio	Lower	Upper
88	100		
58	64.0	51.4	77.2
43	28.5	20.0	30.0



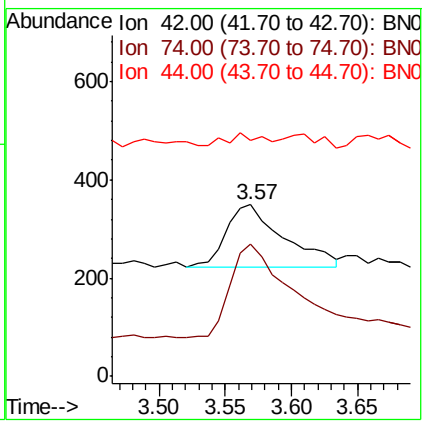


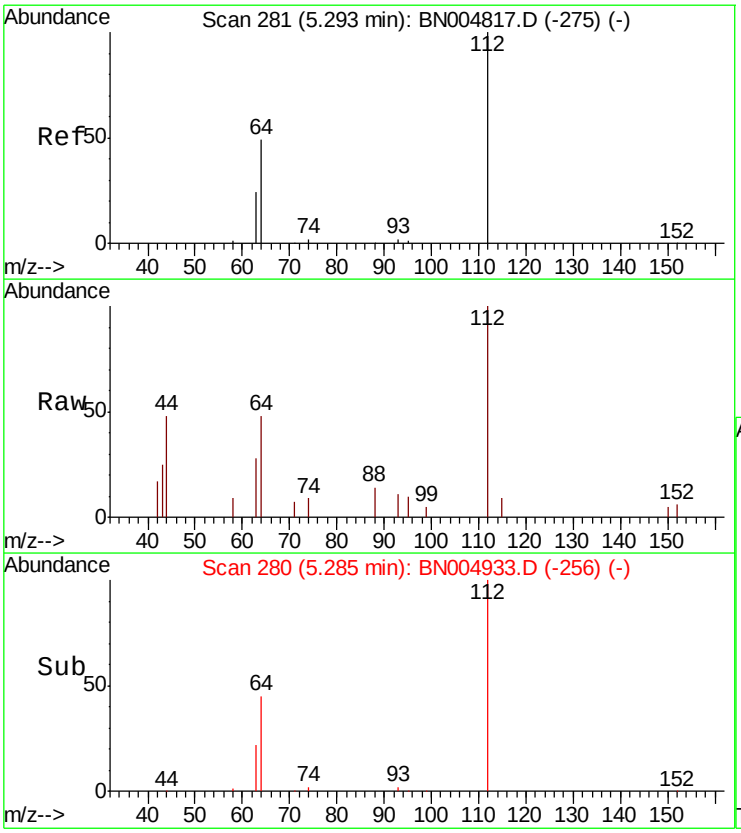
#3
n-Nitrosodimethylamine
Concen: 0.453 ng
RT: 3.57 min Scan# 67
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 379

Ion	Ratio	Lower	Upper
42	100		
74	164.4	128.4	192.6
44	11.1	6.1	9.1#

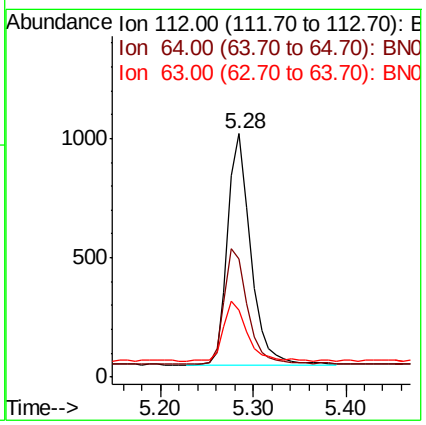


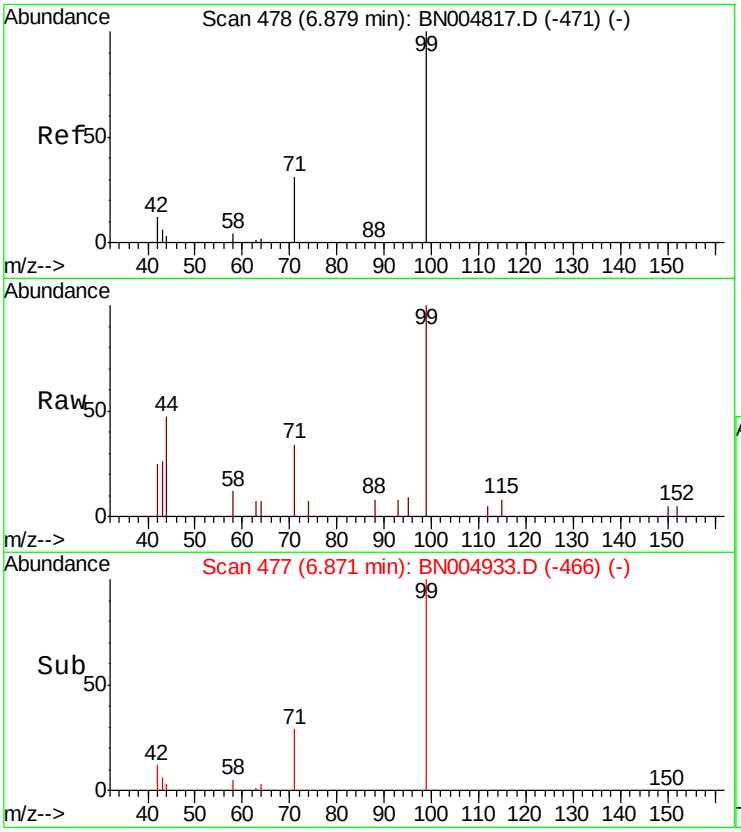


#4
2-Fluorophenol
Concen: 0.492 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion:112 Resp: 1662

Ion	Ratio	Lower	Upper
112	100		
64	51.4	40.0	60.0
63	26.0	20.2	30.2



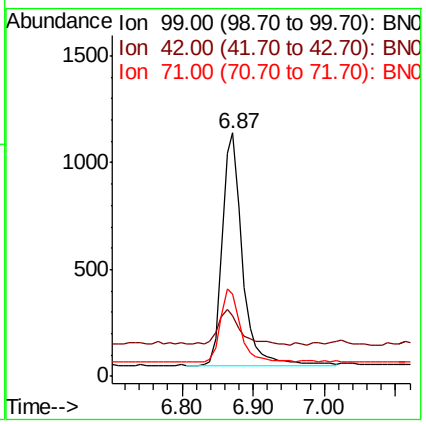


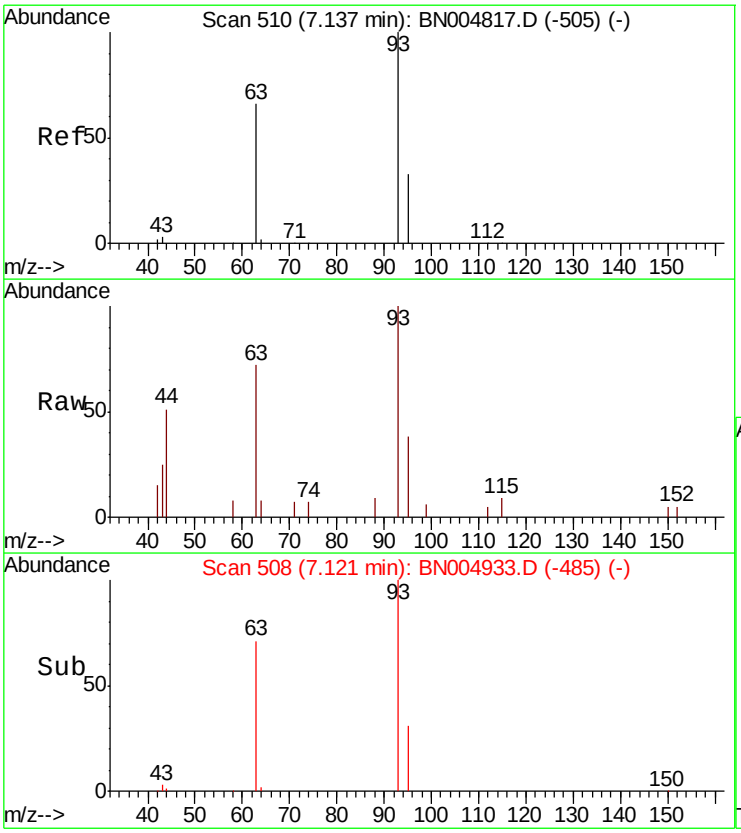
#5
Phenol-d6
Concen: 0.504 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2122

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.7	19.1
71	30.3	26.6	40.0

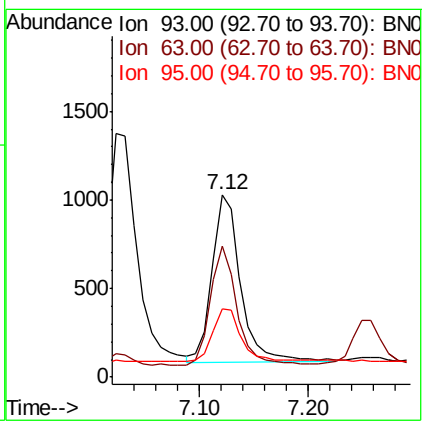


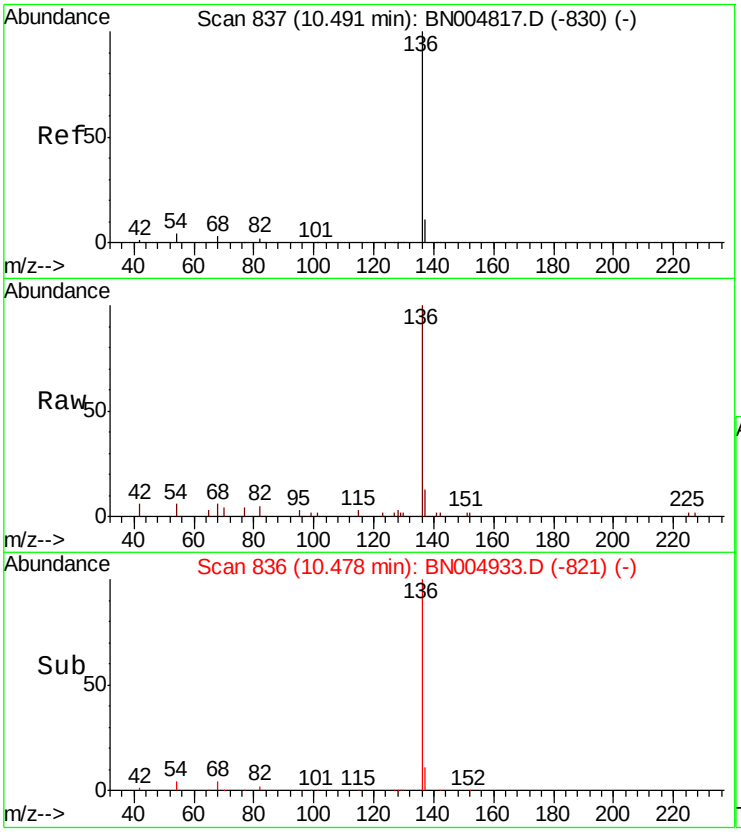


#6
bis(2-Chloroethyl)ether
Concen: 0.460 ng
RT: 7.12 min Scan# 508
Delta R.T. -0.02 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion: 93 Resp: 1748

Ion	Ratio	Lower	Upper
93	100		
63	65.1	52.6	78.8
95	31.7	25.9	38.9



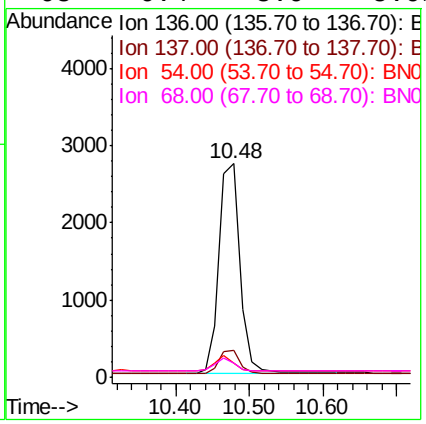


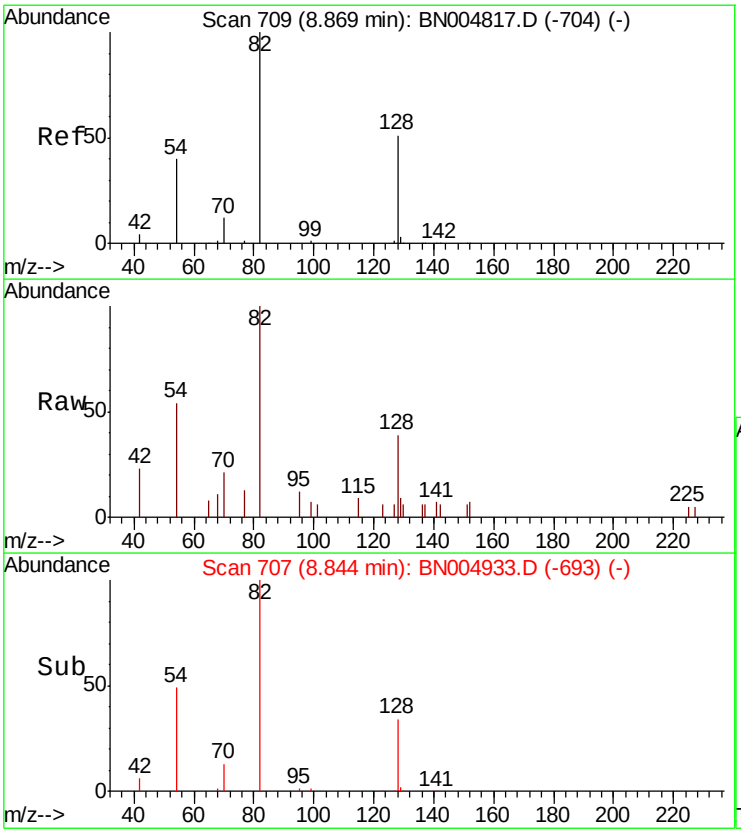
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 836
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 5369

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	6.4	4.2	6.2#
68	6.4	3.9	5.9#

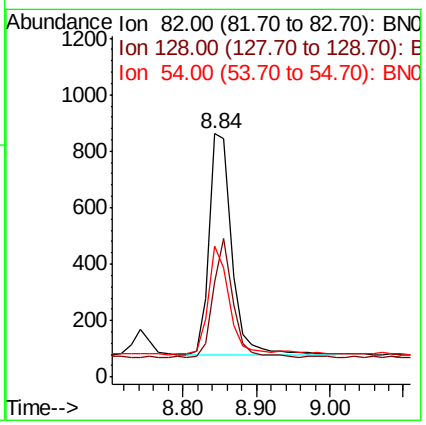


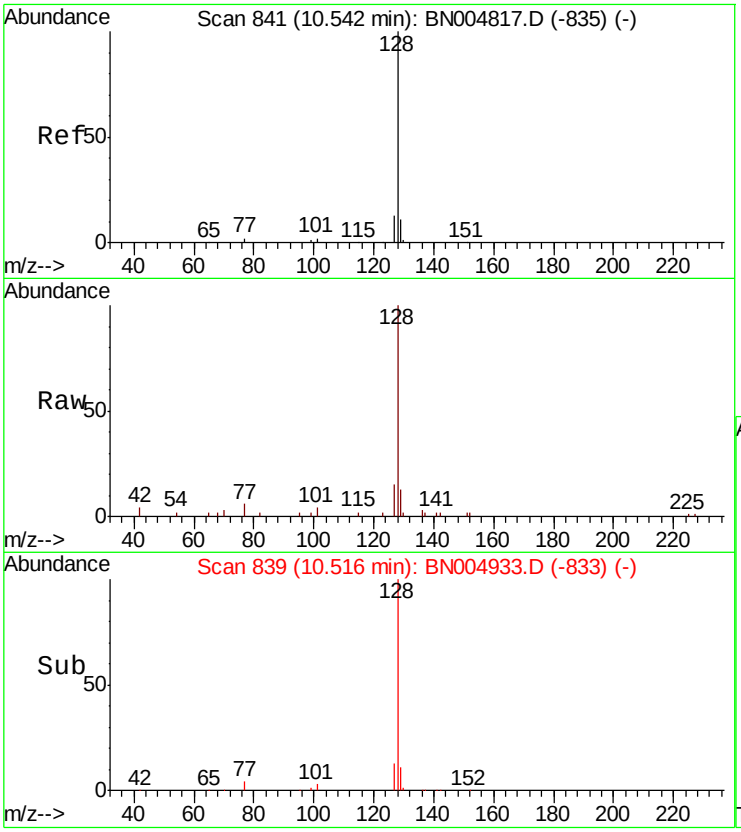


#8
Nitrobenzene-d5
Concen: 0.485 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion: 82 Resp: 1723

Ion	Ratio	Lower	Upper
82	100		
128	38.9	43.0	64.6#
54	53.8	35.3	52.9#



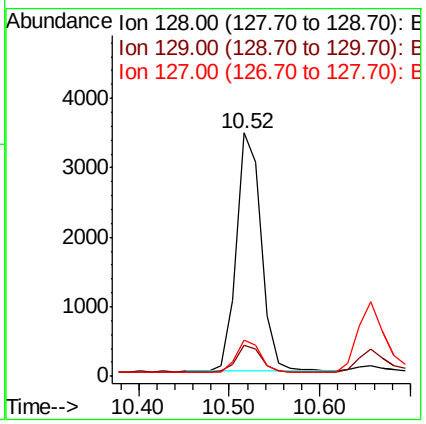


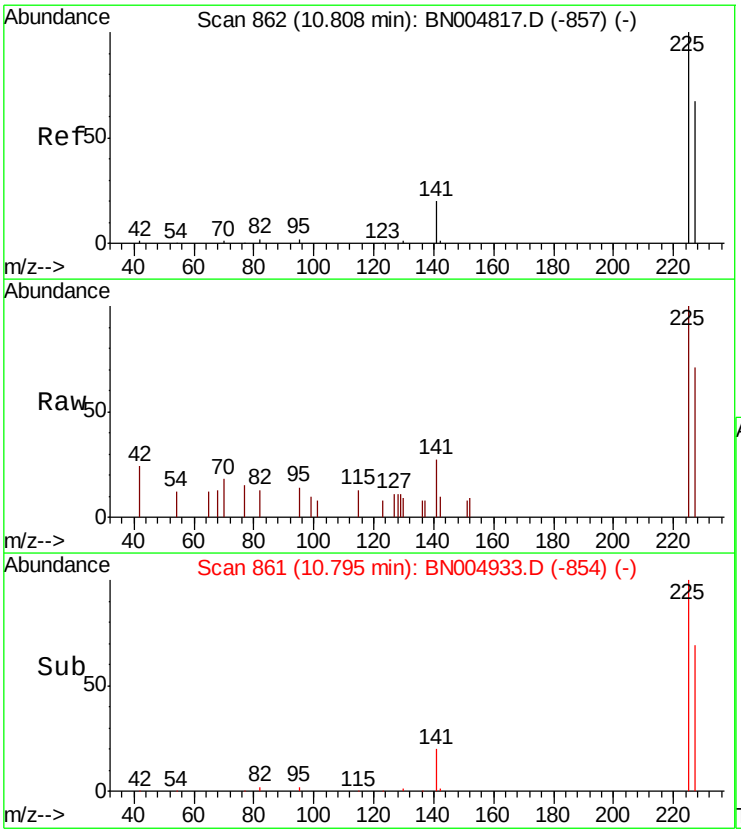
#9
Naphthalene
Concen: 0.435 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.03 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 6546

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.9	14.9
127	14.8	11.3	16.9

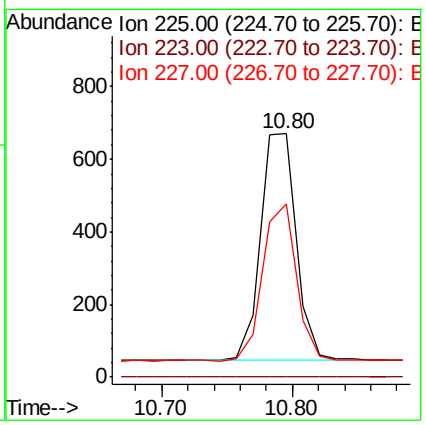


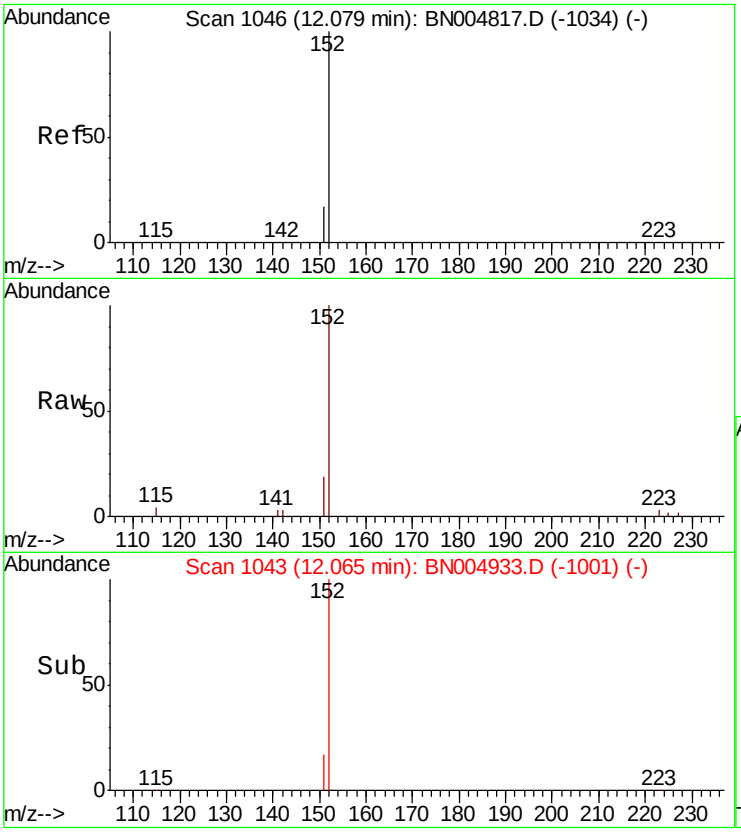


#10
Hexachlorobutadiene
Concen: 0.410 ng
RT: 10.80 min Scan# 861
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion:225 Resp: 1177

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.3	52.2	78.4



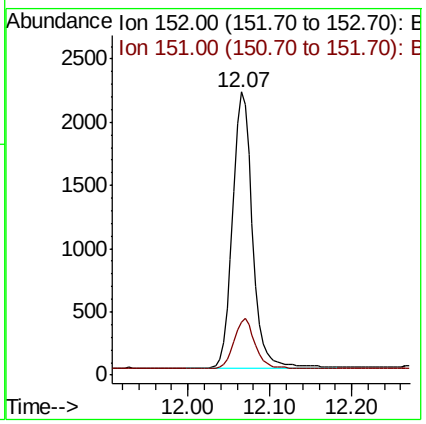


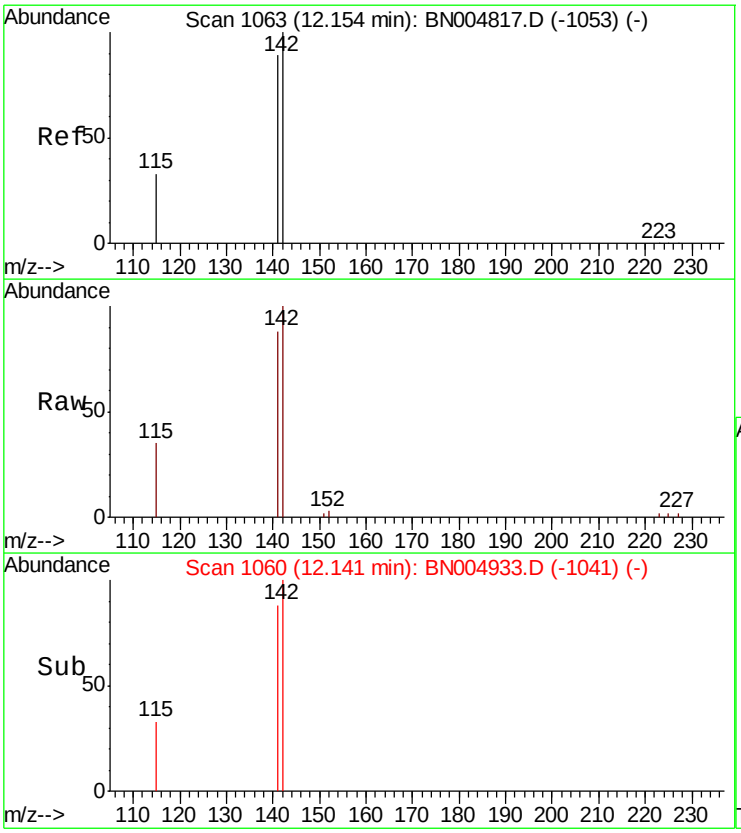
#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.07 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3708

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3

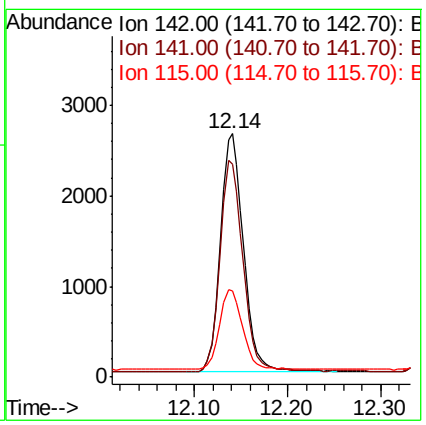


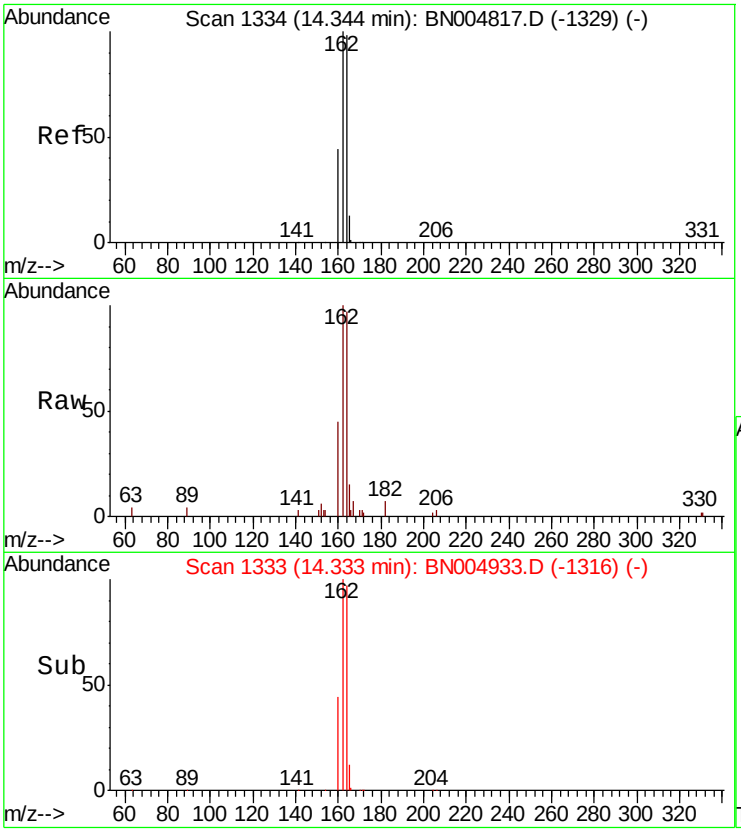


#12
2-Methylnaphthalene
Concen: 0.402 ng
RT: 12.14 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion:142 Resp: 4499

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.4	107.2
115	35.5	27.5	41.3



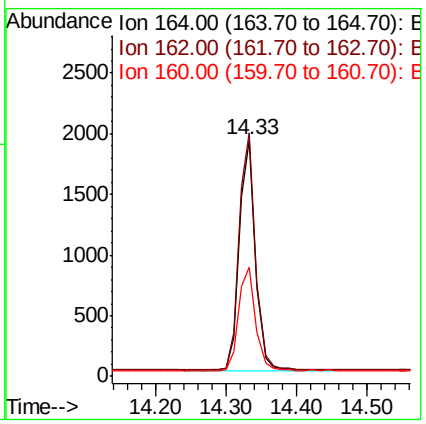


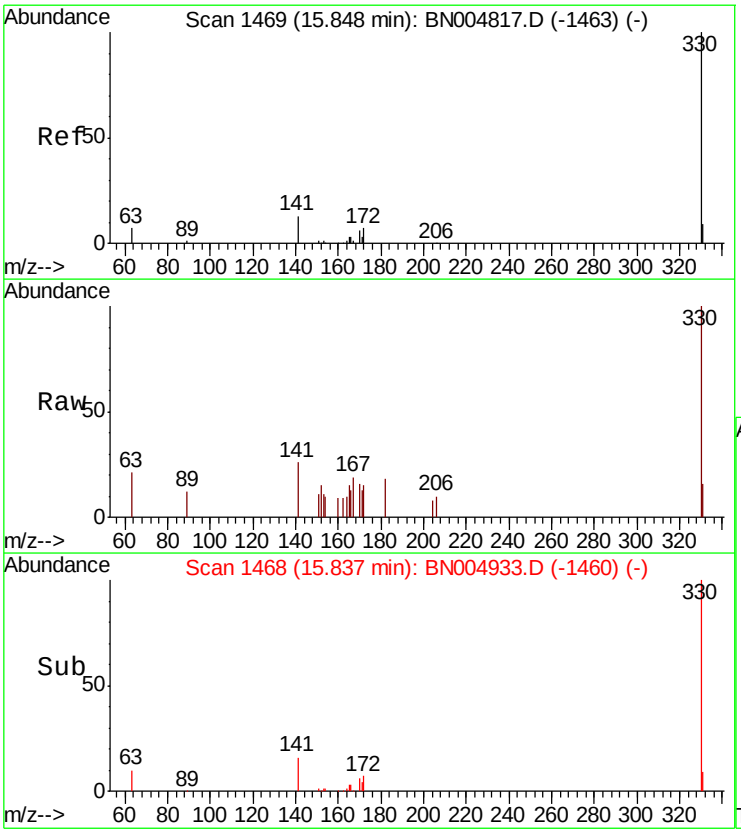
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2997

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.9	122.9
160	46.4	36.6	54.8

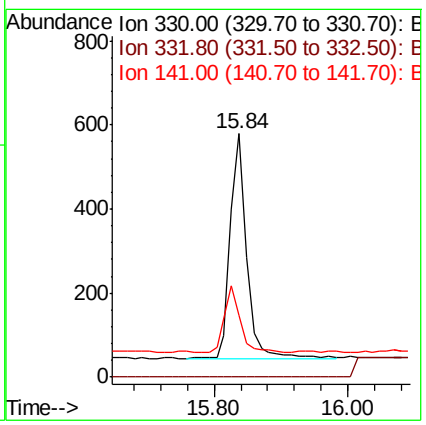


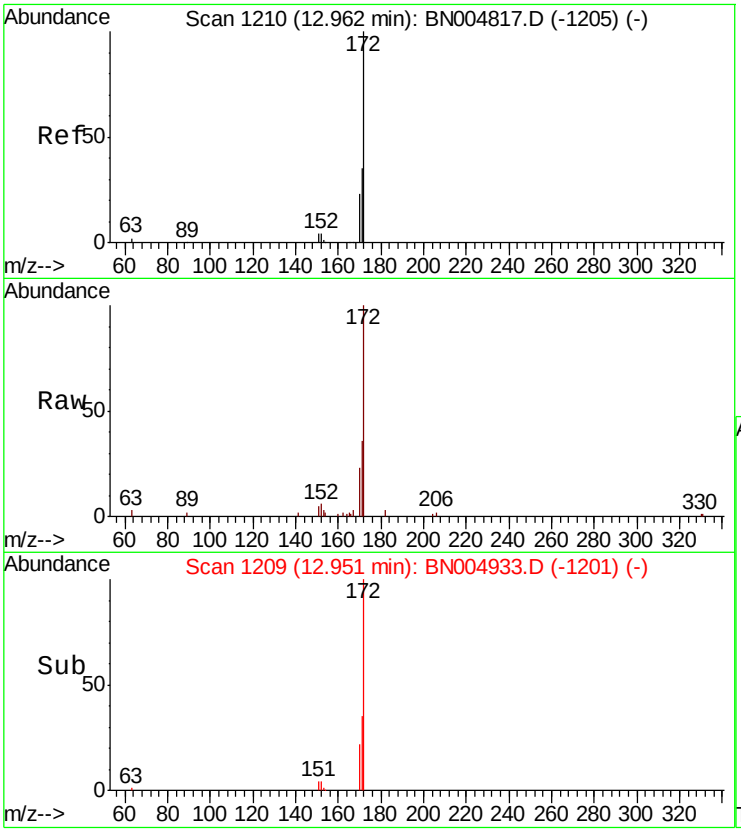


#14
2,4,6-Tribromophenol
Concen: 0.431 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion:330 Resp: 893

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.0	20.9	31.3



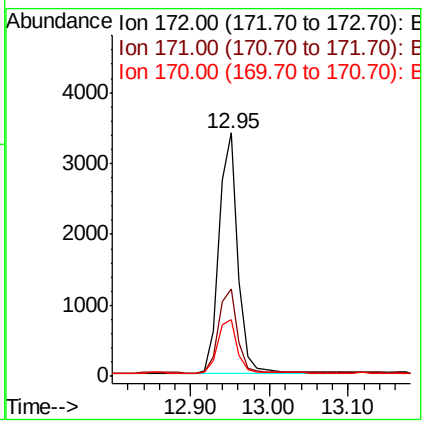


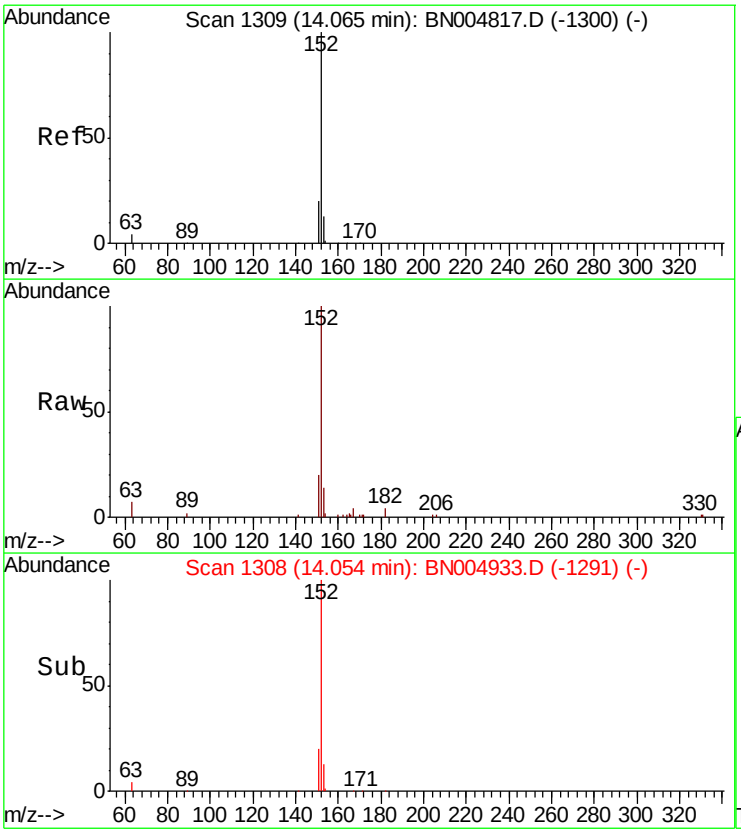
#15
2-Fluorobiphenyl
Concen: 0.457 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5663

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	23.3	18.7	28.1

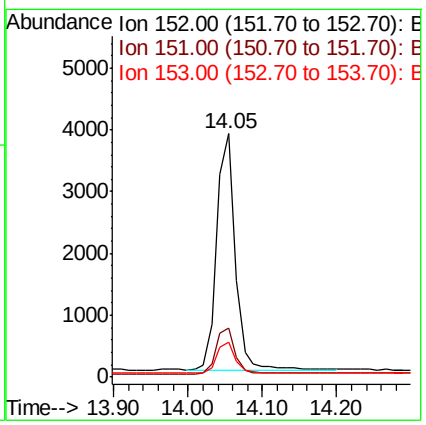


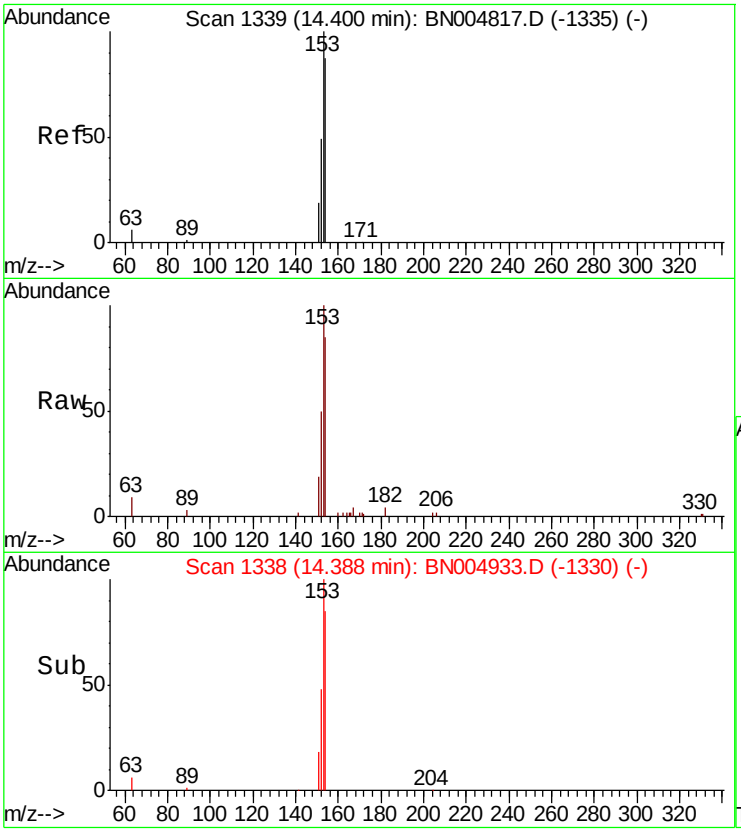


#16
Acenaphthylene
Concen: 0.428 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion:152 Resp: 6608

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	12.9	10.5	15.7



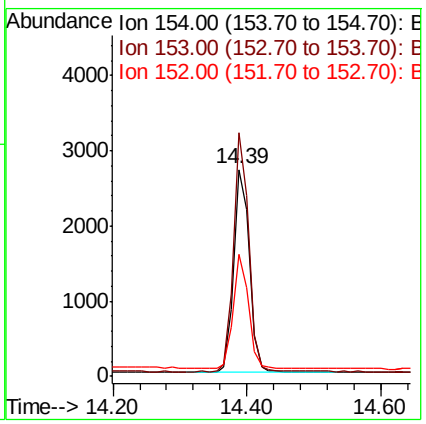


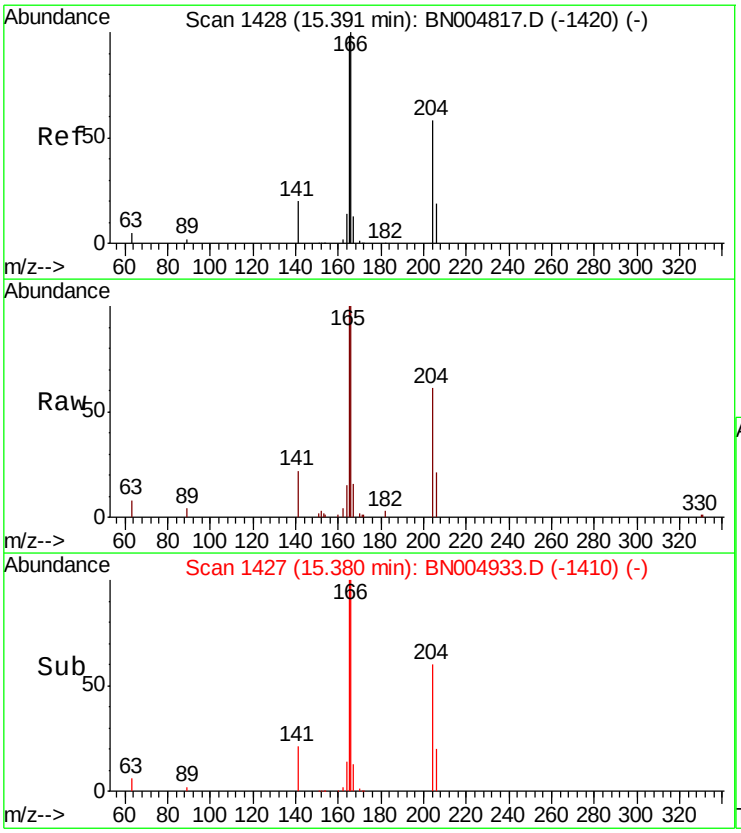
#17
Acenaphthene
Concen: 0.423 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 4281

Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.4	137.2
152	56.0	44.2	66.2

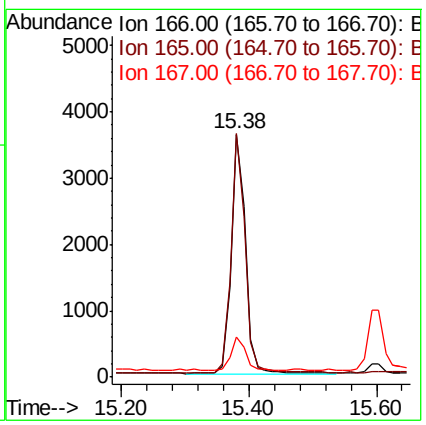


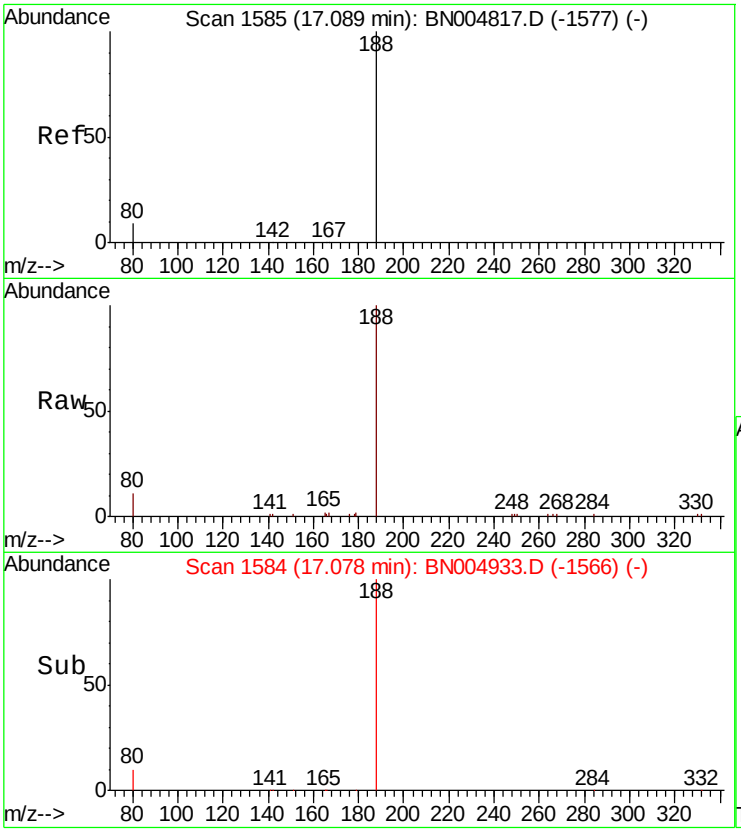


#18
Fluorene
Concen: 0.395 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion:166 Resp: 5579

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.4
167	13.4	11.0	16.4



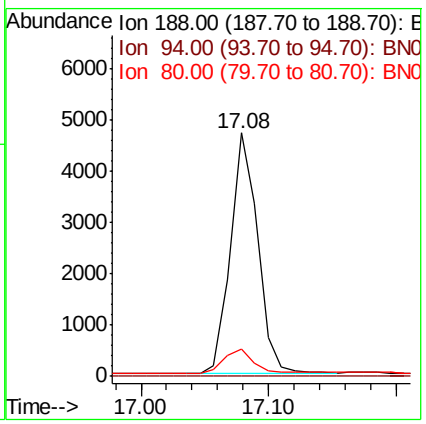


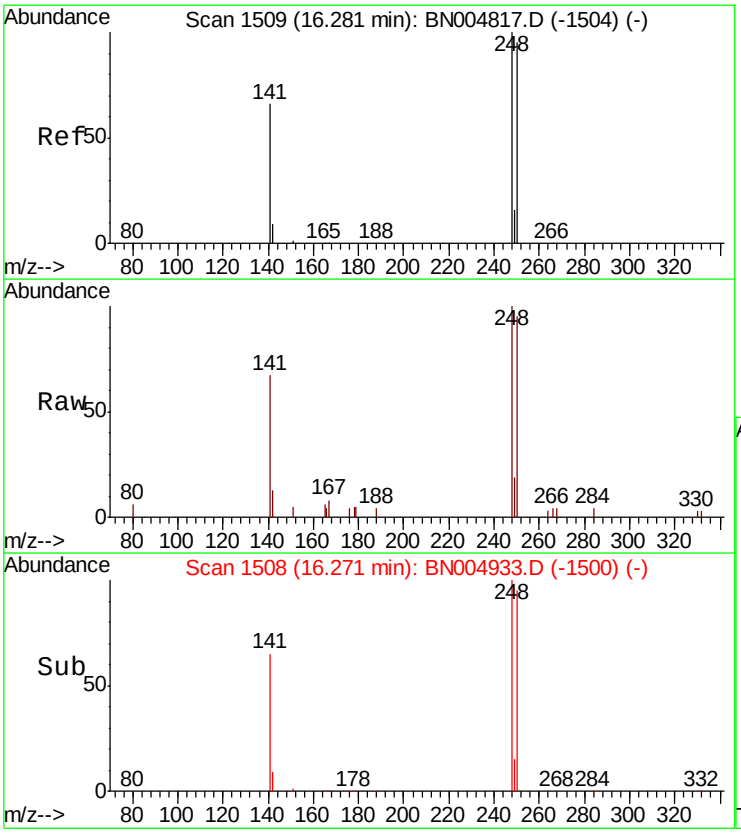
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 7021

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	7.4	11.2

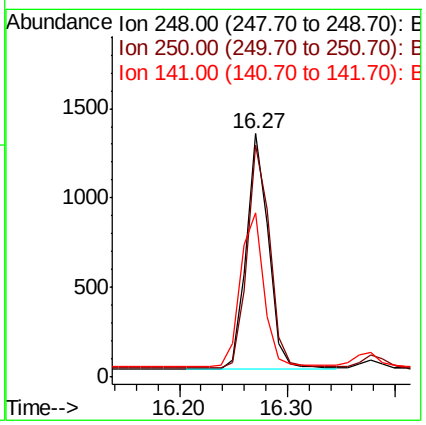


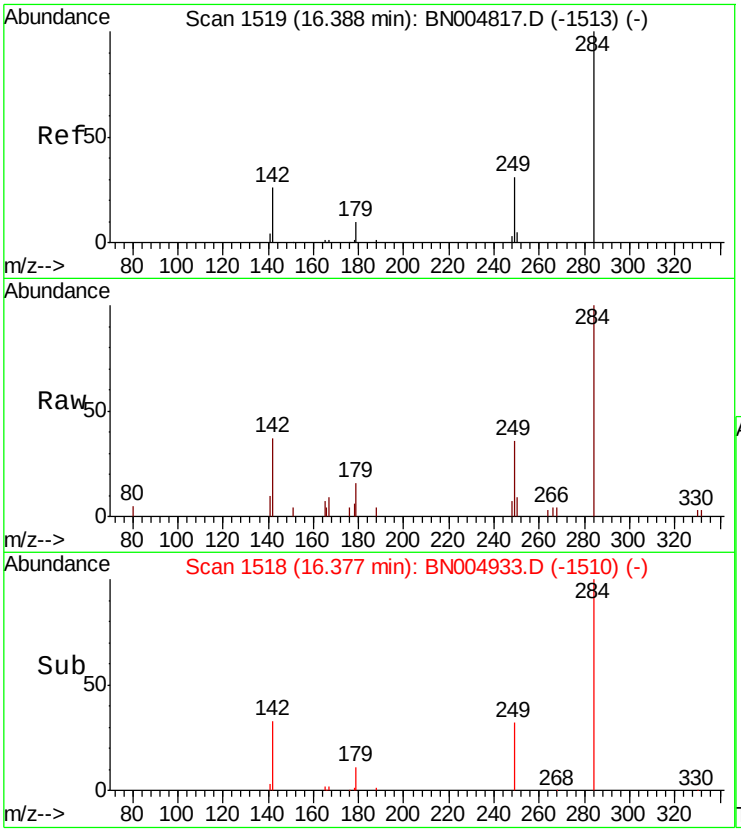


#20
4-Bromophenyl-phenylether
Concen: 0.406 ng
RT: 16.27 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion:248 Resp: 1863

Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.2	114.4
141	67.4	53.9	80.9



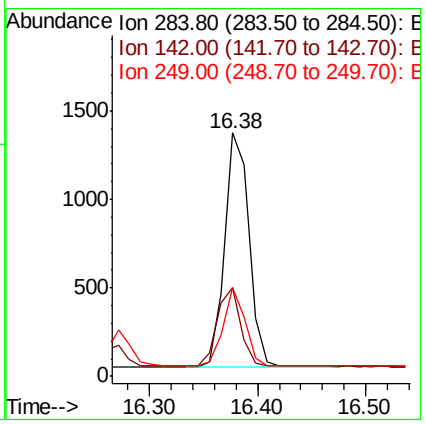


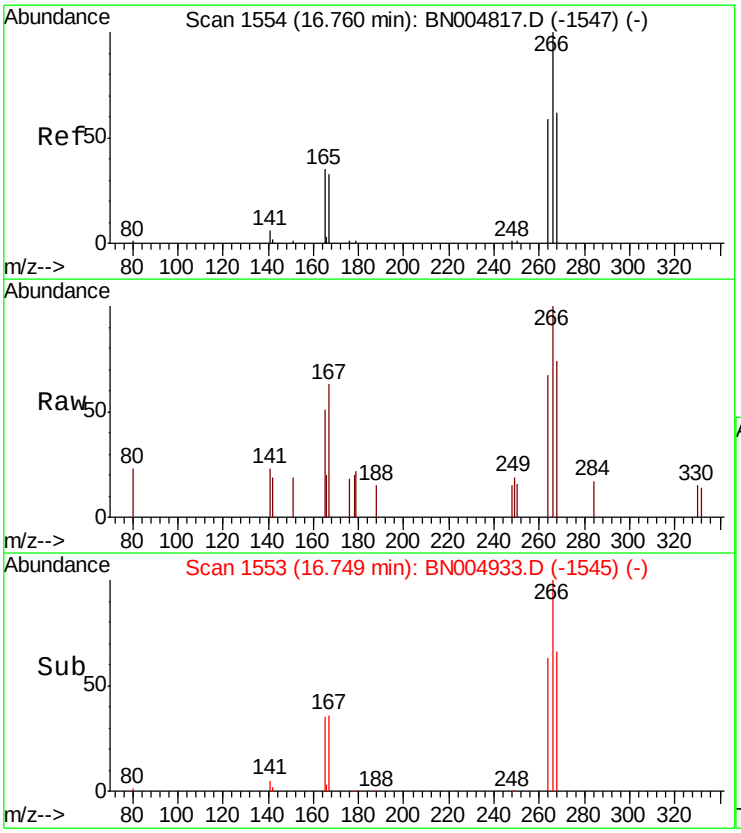
#21
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2063

Ion	Ratio	Lower	Upper
284	100		
142	32.6	22.6	34.0
249	30.0	22.5	33.7

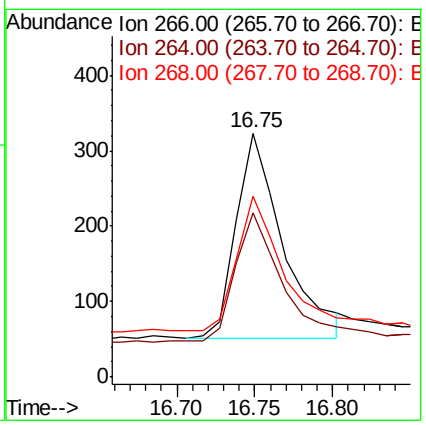


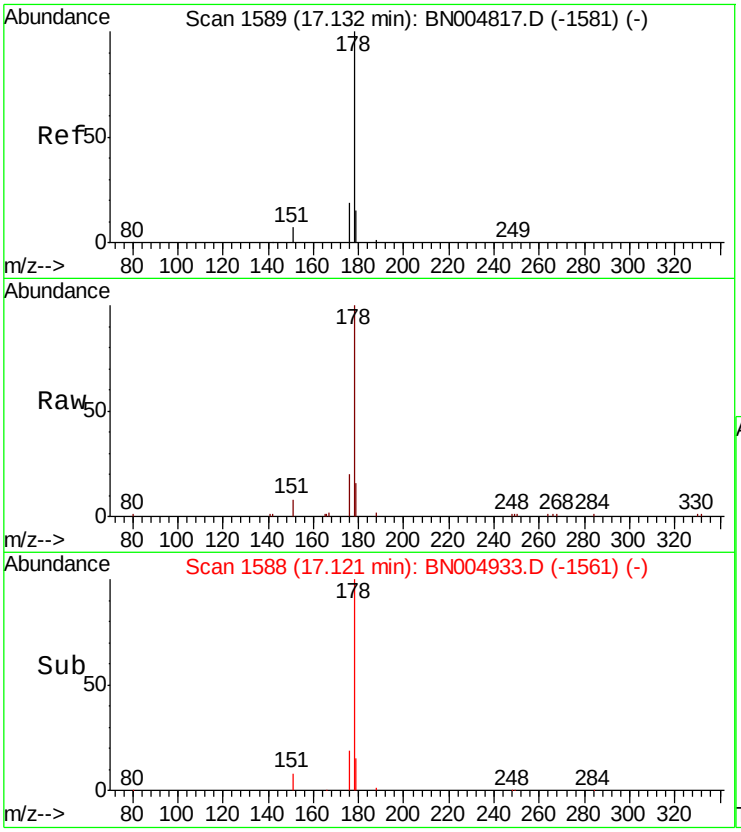


#22
Pentachlorophenol
Concen: 0.548 ng
RT: 16.75 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion:266 Resp: 563

Ion	Ratio	Lower	Upper
266	100		
264	67.2	53.1	79.7
268	74.0	57.7	86.5



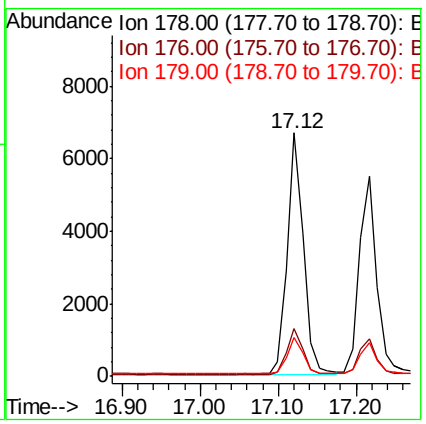


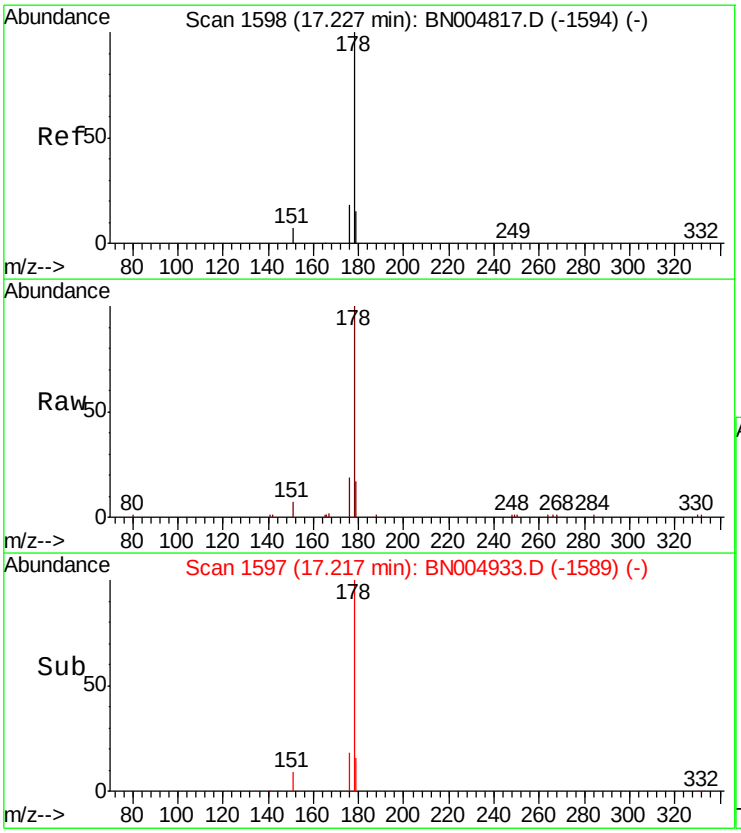
#23
Phenanthrene
Concen: 0.418 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 9480

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.3	12.1	18.1

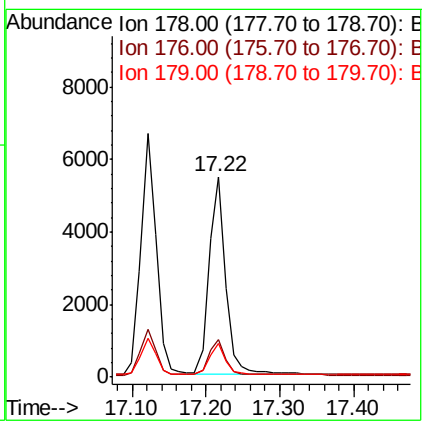


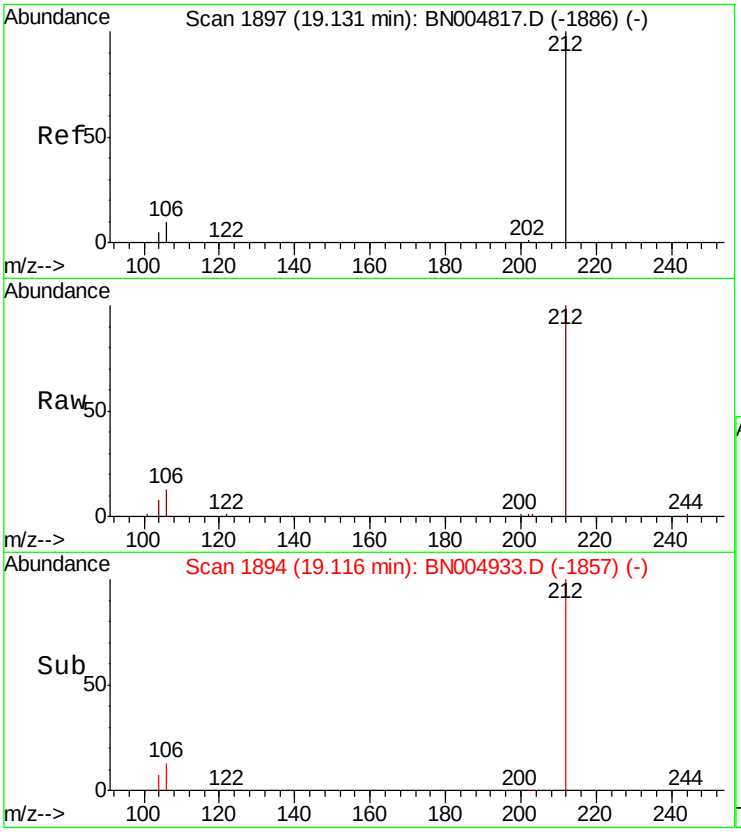


#24
Anthracene
Concen: 0.421 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion:178 Resp: 8525

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.4	12.2	18.4



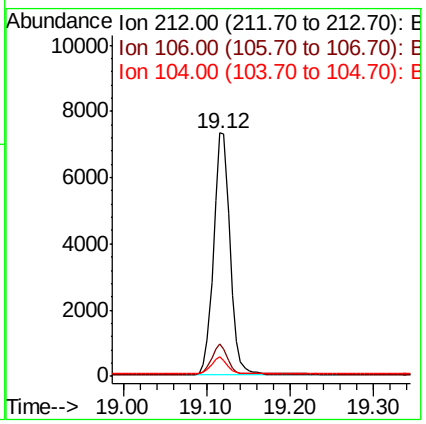


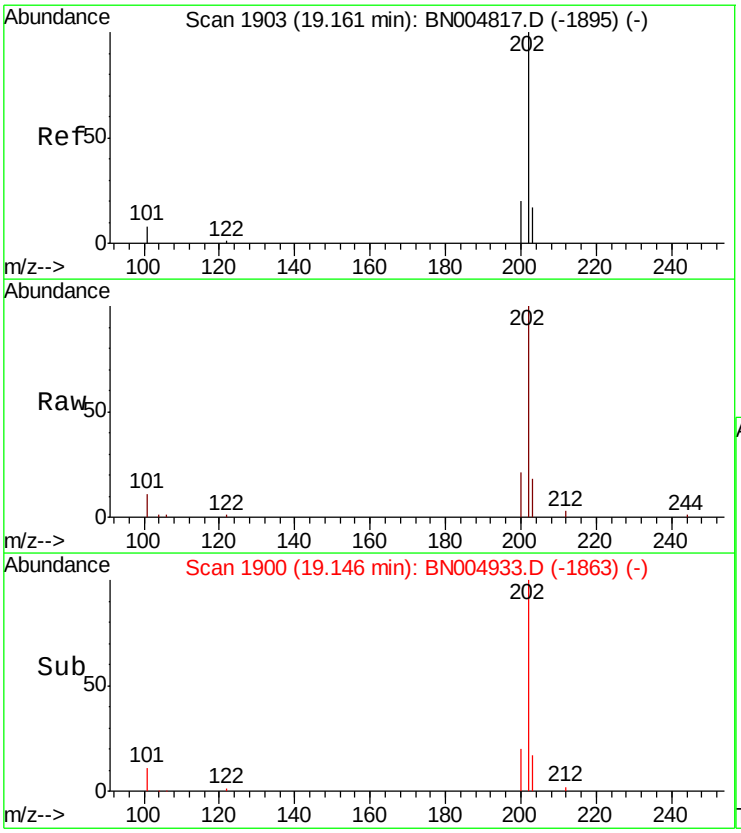
#25
Fluoranthene-d10
Concen: 0.425 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 9993

Ion	Ratio	Lower	Upper
212	100		
106	12.0	8.6	13.0
104	6.8	4.7	7.1

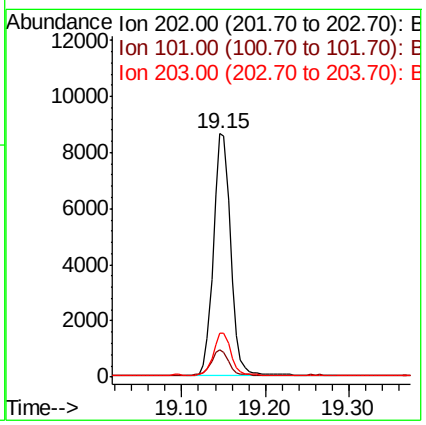


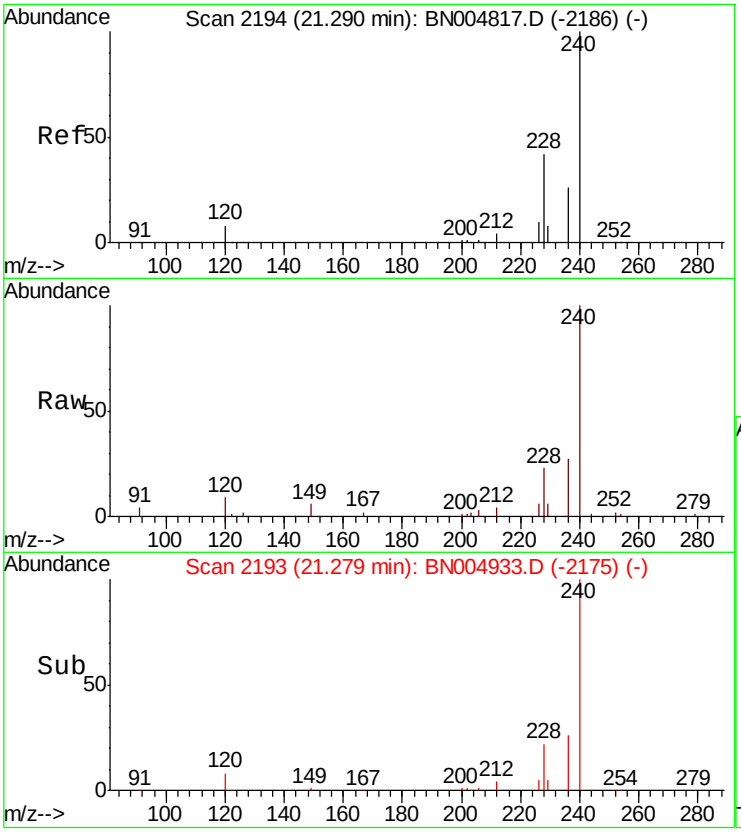


#26
Fluoranthene
Concen: 0.421 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion:202 Resp: 12273

Ion	Ratio	Lower	Upper
202	100		
101	10.5	7.5	11.3
203	17.1	13.8	20.6



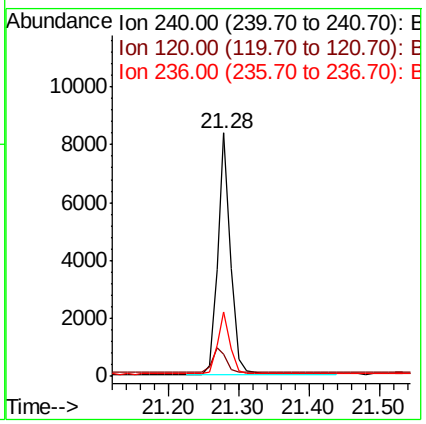


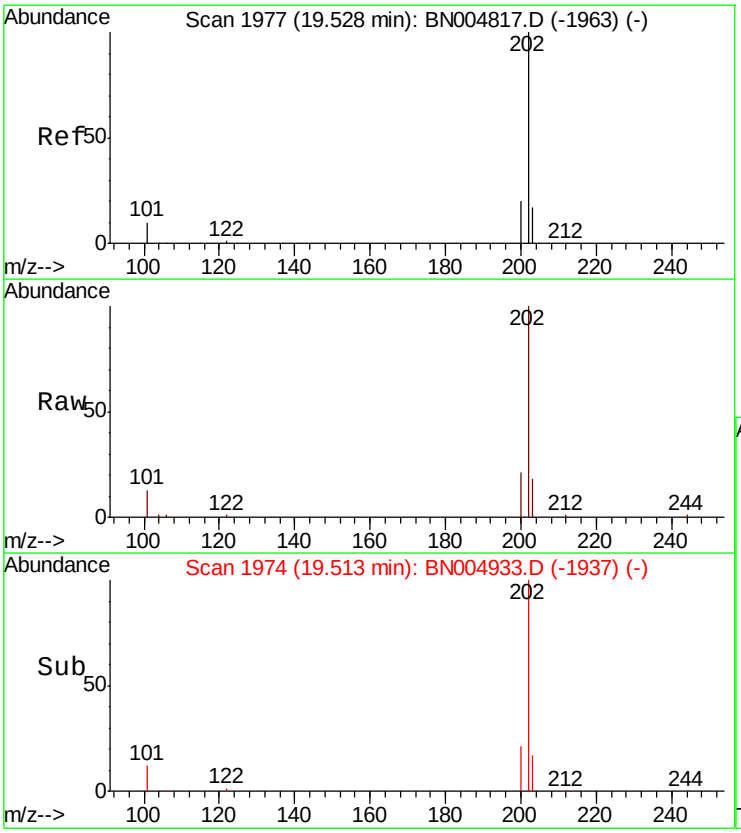
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 10679

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.2	10.8
236	26.6	20.9	31.3

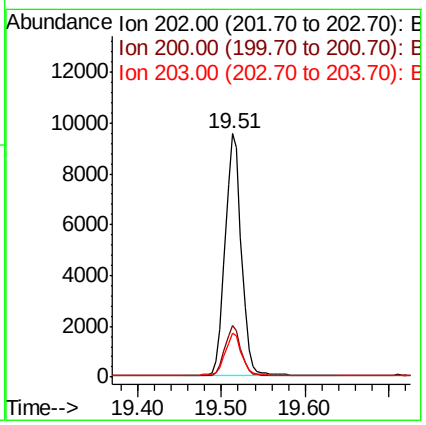


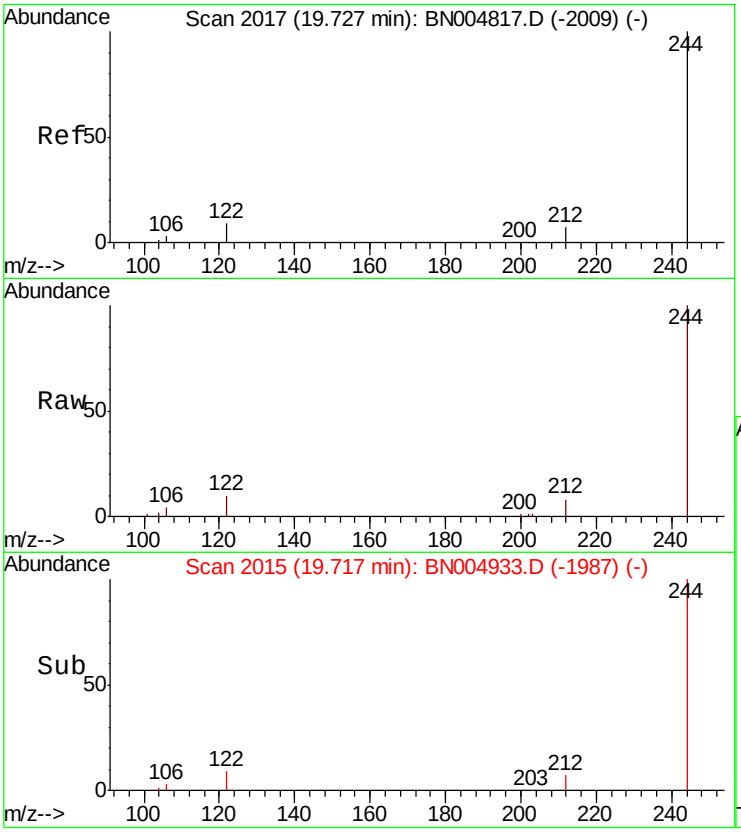


#28
Pyrene
Concen: 0.396 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion:202 Resp: 12879

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.5	14.0	21.0



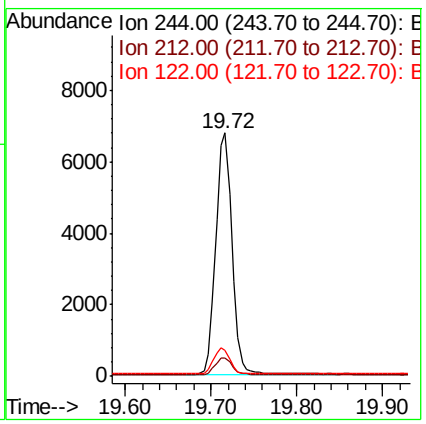


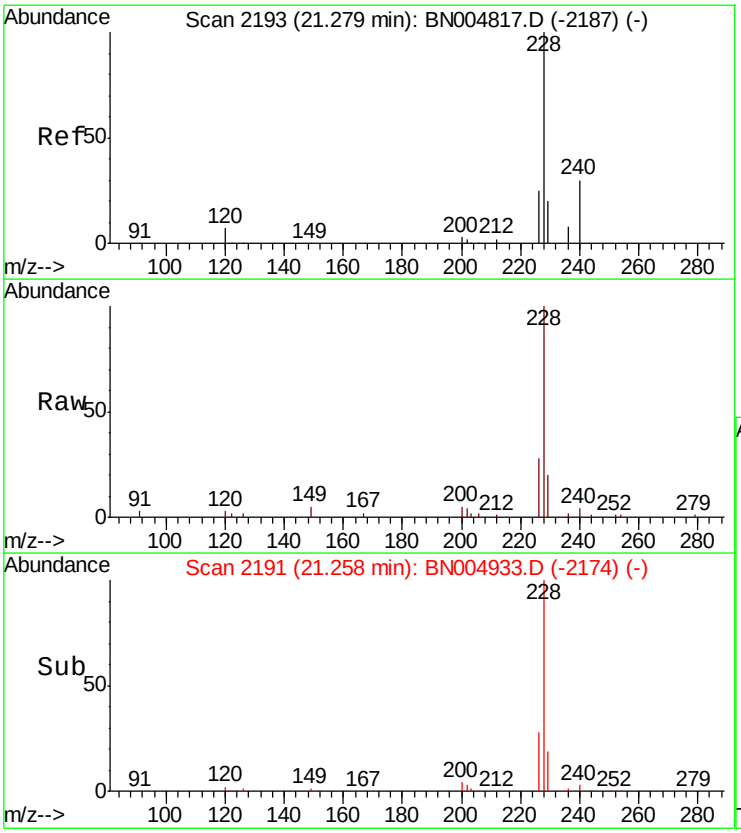
#29
Terphenyl-d14
Concen: 0.407 ng
RT: 19.72 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 8891

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	10.5	7.9	11.9

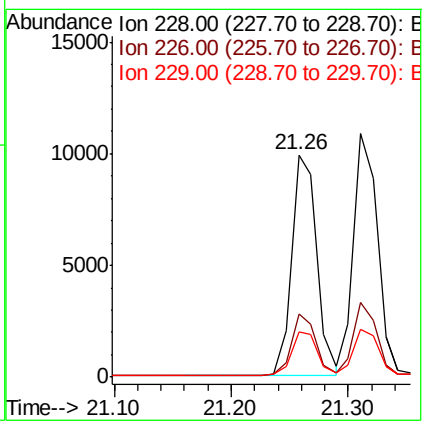


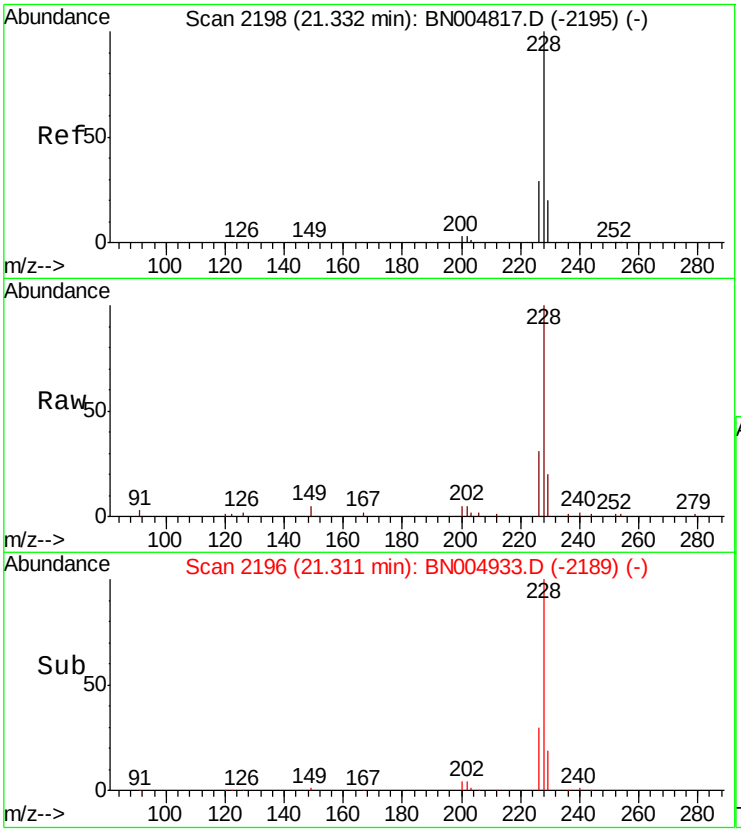


#30
Benzo(a)anthracene
Concen: 0.423 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion:228 Resp: 14814

Ion	Ratio	Lower	Upper
228	100		
226	28.3	20.6	31.0
229	20.2	16.2	24.4



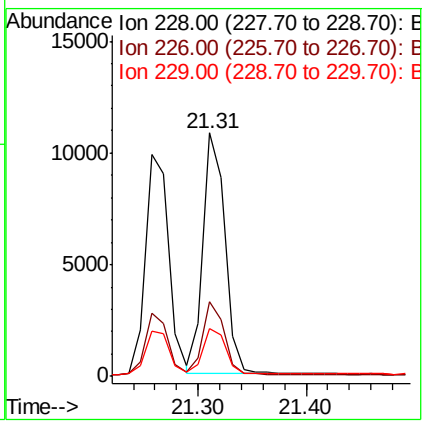


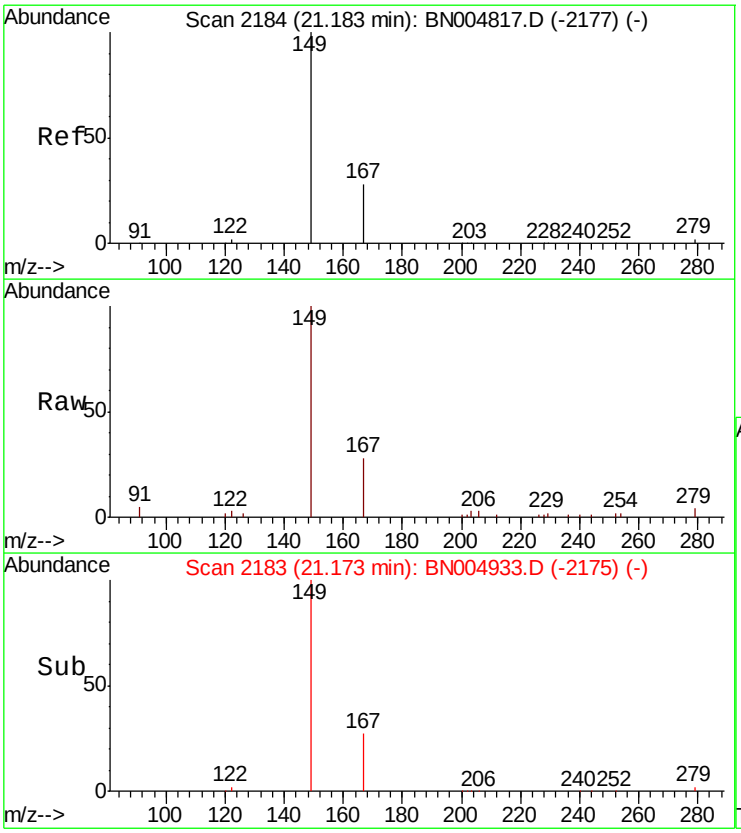
#31
Chrysene
Concen: 0.414 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 15279

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.0	34.6
229	19.8	16.2	24.2

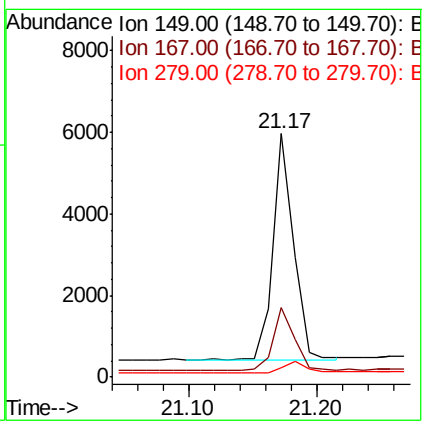


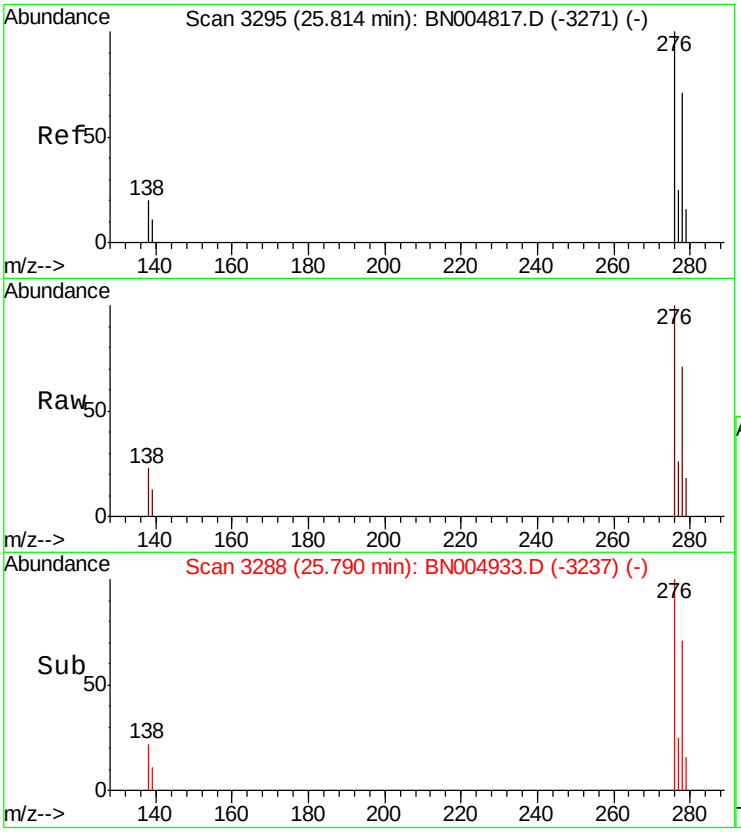


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.438 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion:149 Resp: 6131

Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.0	34.4
279	5.4	4.6	6.8



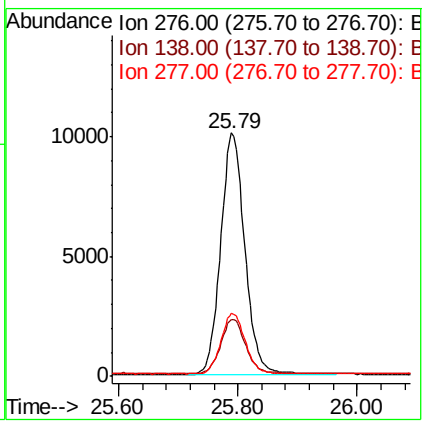


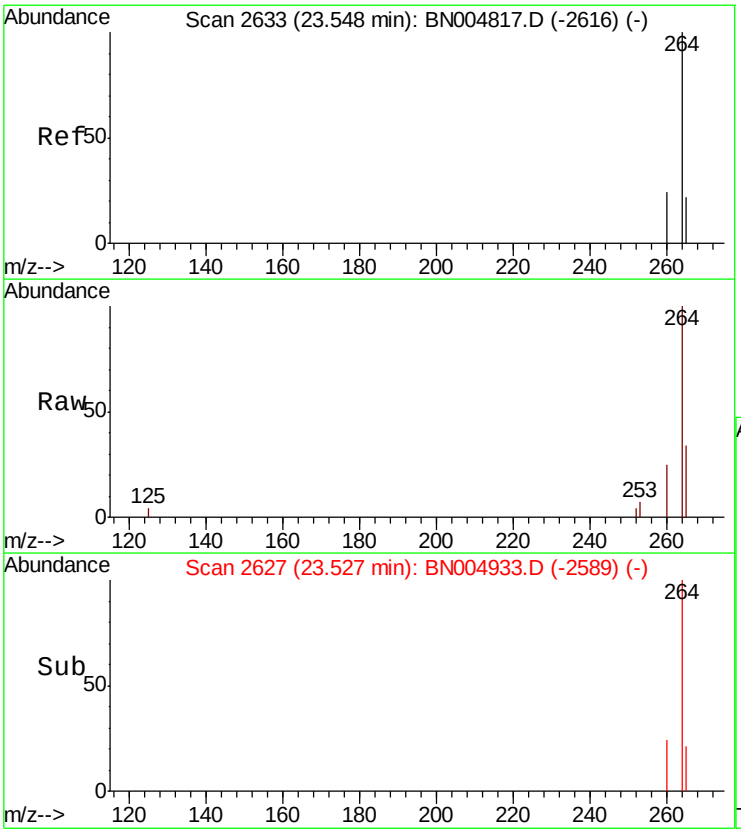
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.530 ng
RT: 25.79 min Scan# 3288
Delta R.T. -0.02 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 28284

Ion	Ratio	Lower	Upper
276	100		
138	23.0	16.6	24.8
277	25.3	20.3	30.5

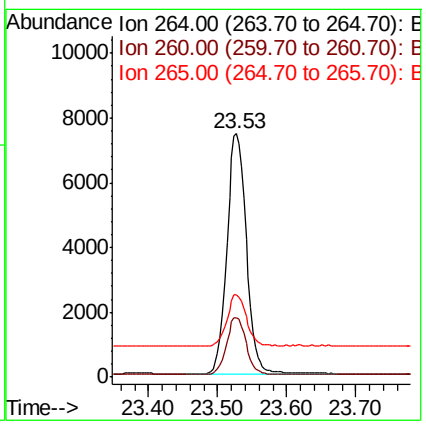


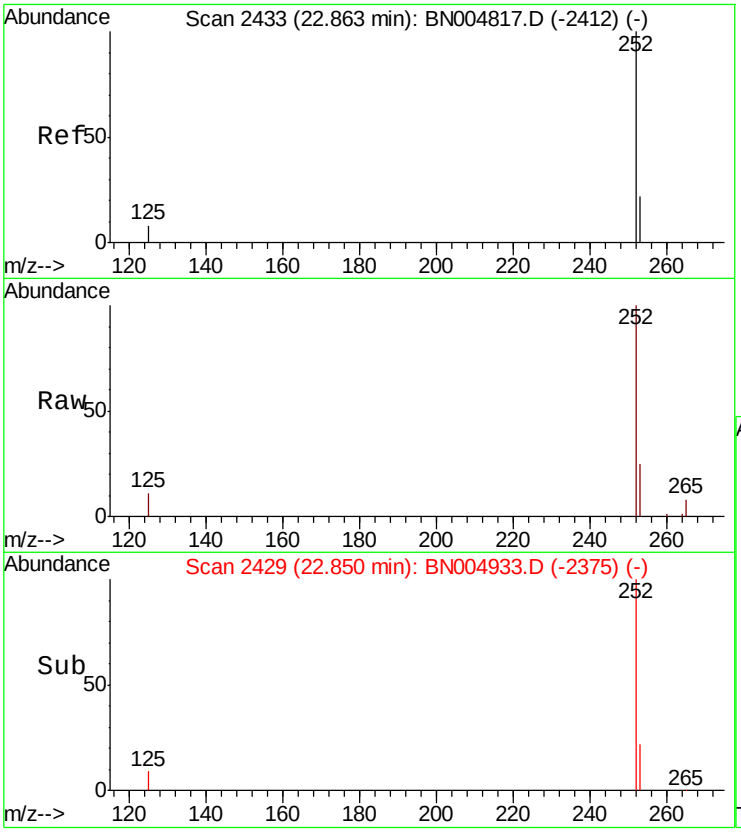


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2627
Delta R.T. -0.02 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion:264 Resp: 14519

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	34.1	23.1	34.7



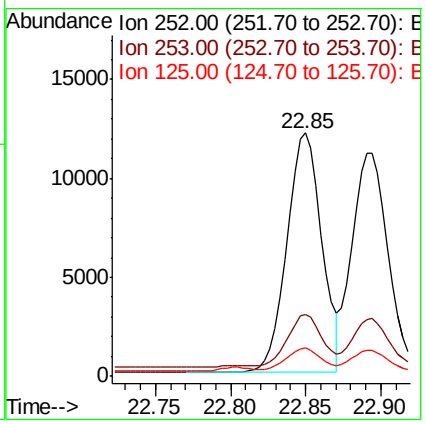


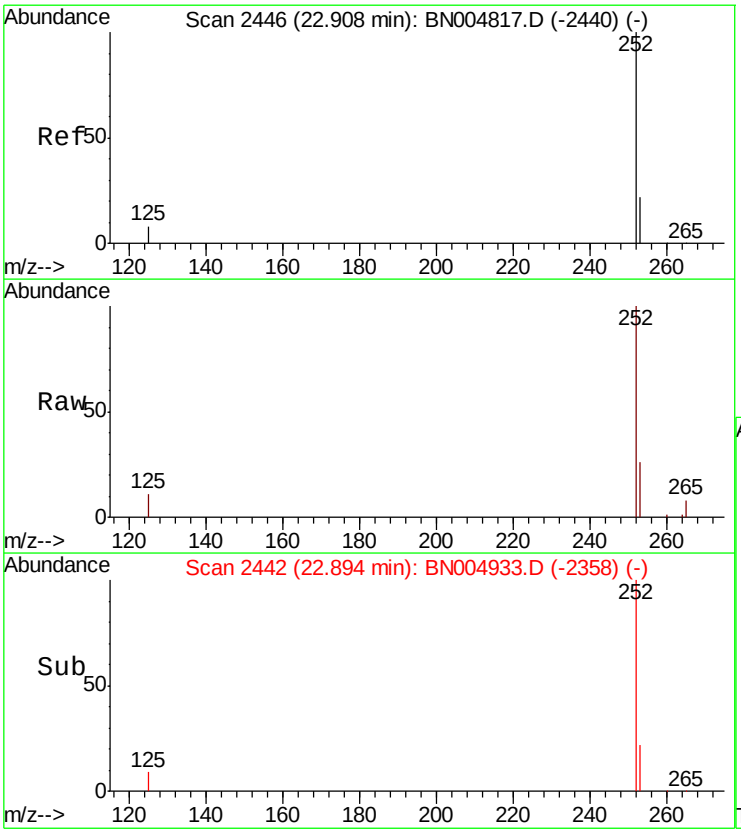
#35
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 19597

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.0	28.4
125	11.5	7.4	11.2#

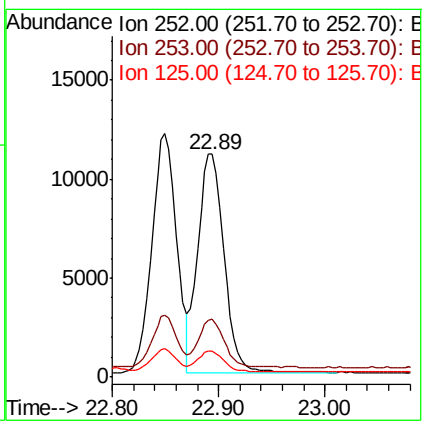


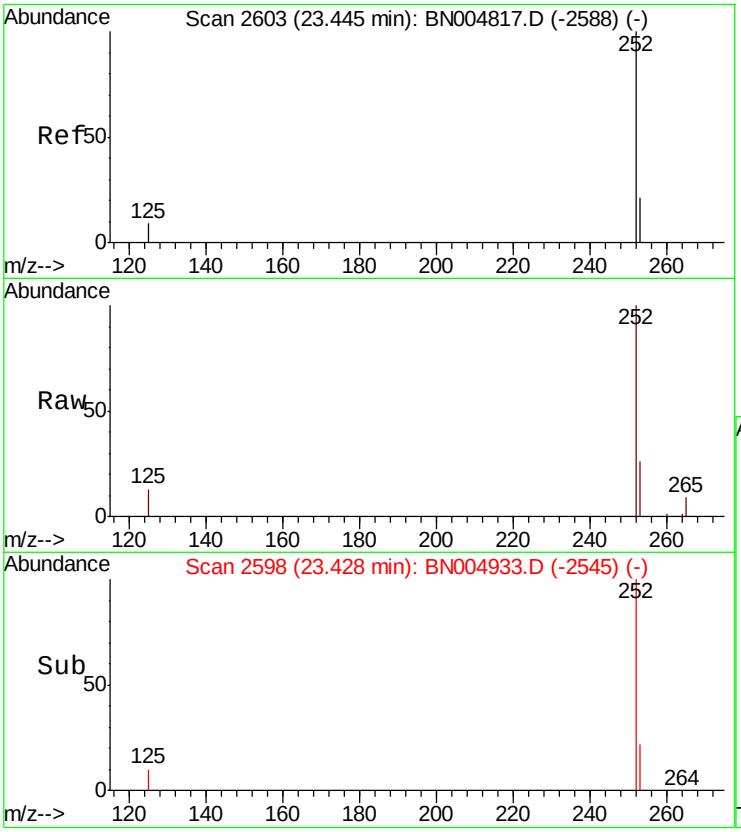


#36
Benzo(k)fluoranthene
Concen: 0.364 ng
RT: 22.89 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion:252 Resp: 18834

Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.3	28.9
125	11.5	7.4	11.0#



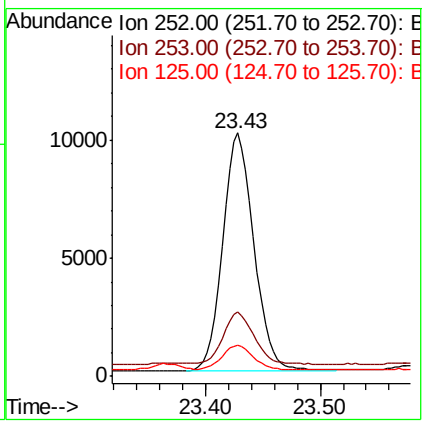


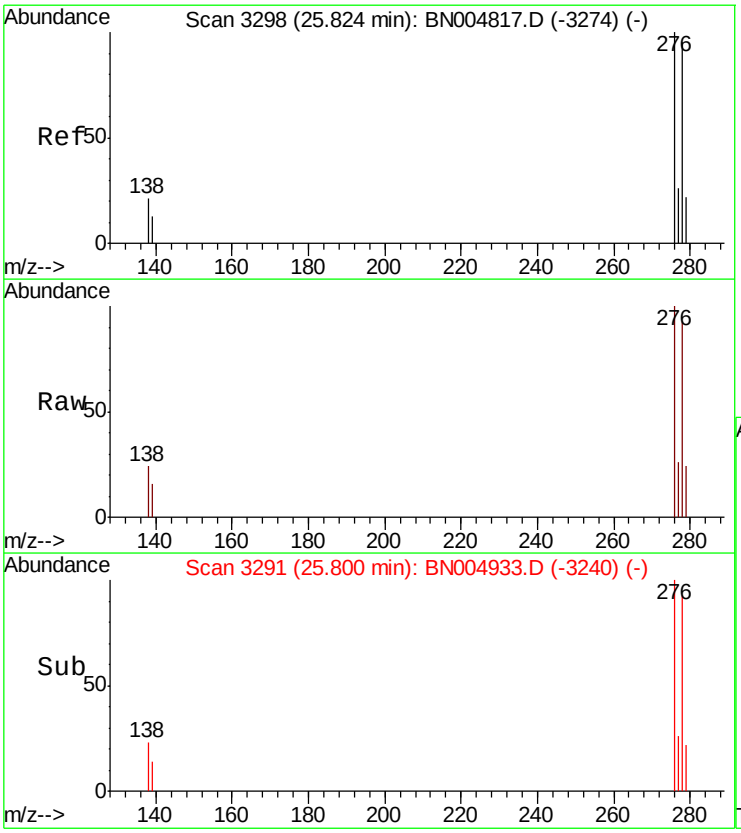
#37
Benzo(a)pyrene
Concen: 0.398 ng
RT: 23.43 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 19164

Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.7	29.5
125	12.9	8.3	12.5#

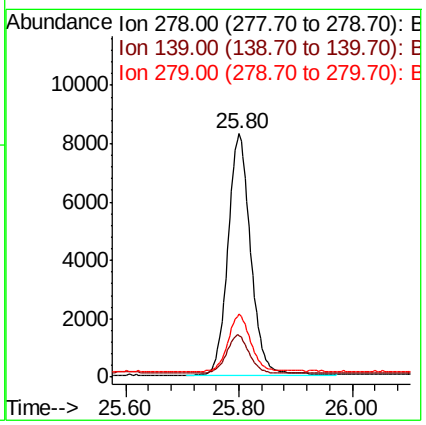


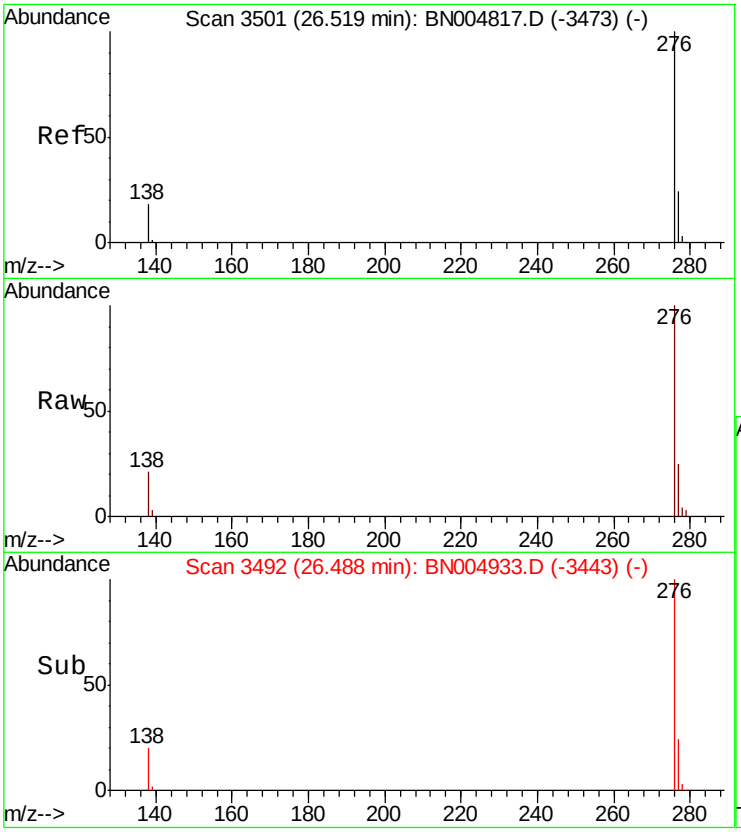


#38
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 25.80 min Scan# 3291
Delta R.T. -0.02 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Tgt Ion:278 Resp: 23033

Ion	Ratio	Lower	Upper
278	100		
139	17.1	11.7	17.5
279	25.8	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.419 ng
RT: 26.49 min Scan# 3492
Delta R.T. -0.03 min
Lab File: BN004933.D
Acq: 23 Mar 2019 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 23846

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.7	29.5
138	21.2	14.6	22.0