Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
Data File : BN008042.D
Acq On : 06 Oct 2019 02:37
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 07 00:17:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3335	0.40	ng		-0.02
7) Naphthalene-d8	10.44	136	13283	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	8267	0.40	ng		-0.02
19) Phenanthrene-d10	17.05	188	17174	0.40	ng		-0.02
27) Chrysene-d12	21.25	240	18554	0.40	ng		-0.02
34) Perylene-d12	23.46	264	20516	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	4229	0.37	ng		-0.02
5) Phenol-d6	6.87	99	5201	0.36	ng		0.00
8) Nitrobenzene-d5	8.82	82	4655	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	9349	0.42	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	1757	0.39	ng		-0.01
15) 2-Fluorobiphenyl	12.92	172	12521	0.37	ng		-0.02
25) Fluoranthene-d10	19.09	212	23127	0.40	ng		-0.02
29) Terphenyl-d14	19.69	244	19308	0.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	1287	0.346	ng	#	32
3) n-Nitrosodimethylamine	2.97	42	1088	0.639	ng		96
6) bis(2-Chloroethyl)ether	7.11	93	4625	0.490	ng	#	87
9) Naphthalene	10.49	128	15210	0.408	ng		99
10) Hexachlorobutadiene	10.79	225	3605	0.459	ng	#	99
12) 2-Methylnaphthalene	12.11	142	10506	0.417	ng		98
16) Acenaphthylene	14.02	152	17411	0.397	ng		100
17) Acenaphthene	14.37	154	10257	0.363	ng		97
18) Fluorene	15.36	166	13307	0.367	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	4216	0.404	ng		95
21) Hexachlorobenzene	16.37	284	5045	0.443	ng		96
22) Pentachlorophenol	16.73	266	1717	0.409	ng		99
23) Phenanthrene	17.09	178	20896	0.391	ng		100
24) Anthracene	17.19	178	19638	0.406	ng		100
26) Fluoranthene	19.12	202	26854	0.404	ng		100
28) Pyrene	19.48	202	27983	0.442	ng		99
30) Benzo(a)anthracene	21.23	228	27380	0.401	ng		98
31) Chrysene	21.28	228	27147	0.408	ng		98
32) Bis(2-ethylhexyl)phthalate	21.17	149	16347	0.465	ng		99
33) Indeno(1,2,3-cd)pyrene	25.67	276	33048	0.396	ng		98
35) Benzo(b)fluoranthene	22.80	252	28612	0.402	ng	#	84
36) Benzo(k)fluoranthene	22.84	252	26908	0.382	ng	#	89
37) Benzo(a)pyrene	23.36	252	26725	0.399	ng	#	77
38) Dibenzo(a,h)anthracene	25.68	278	27003	0.394	ng	#	89
39) Benzo(g,h,i)perylene	26.35	276	27519	0.406	ng		94

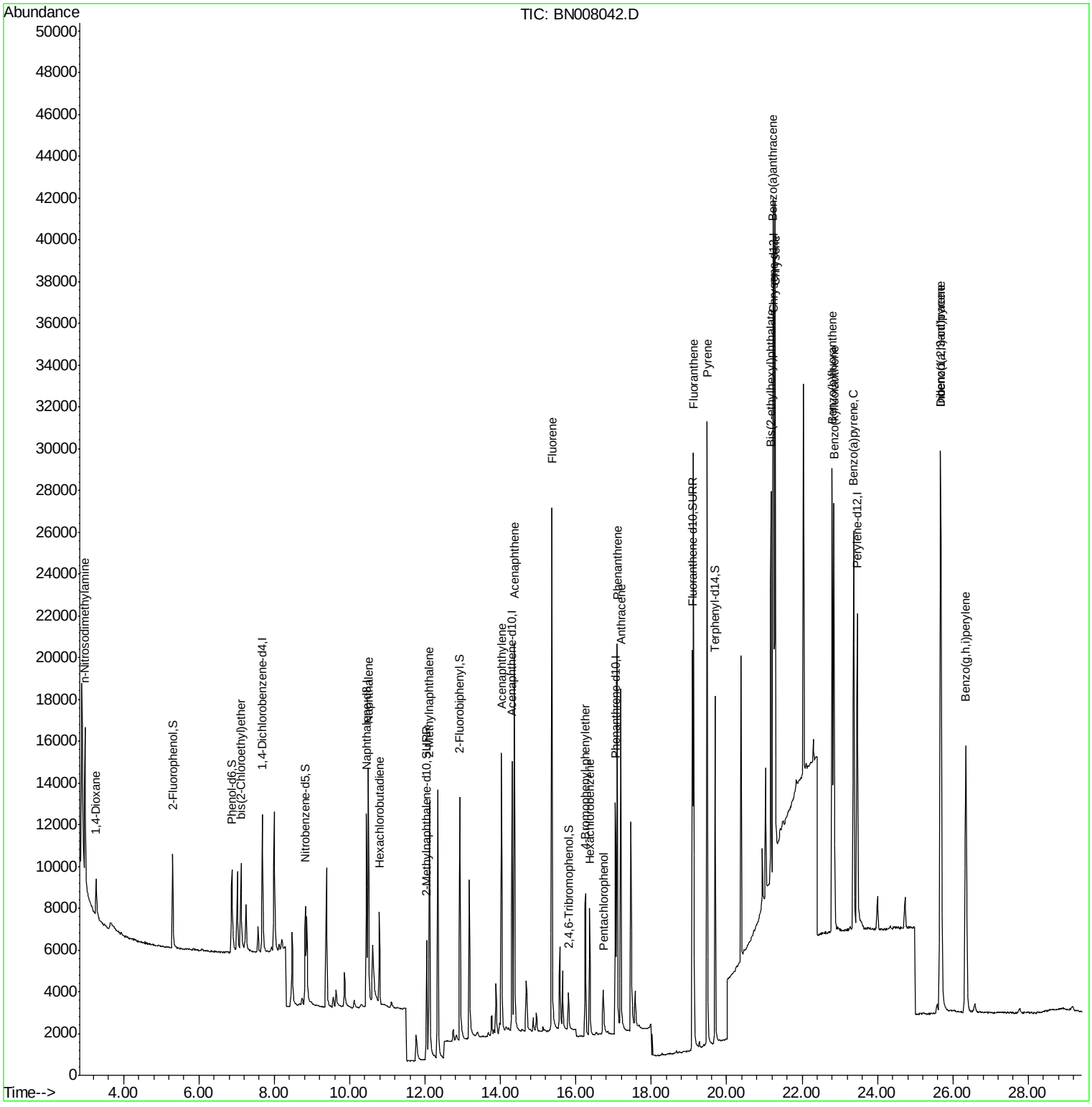
(#) = qualifier out of range (m) = manual integration (+) = signals summed

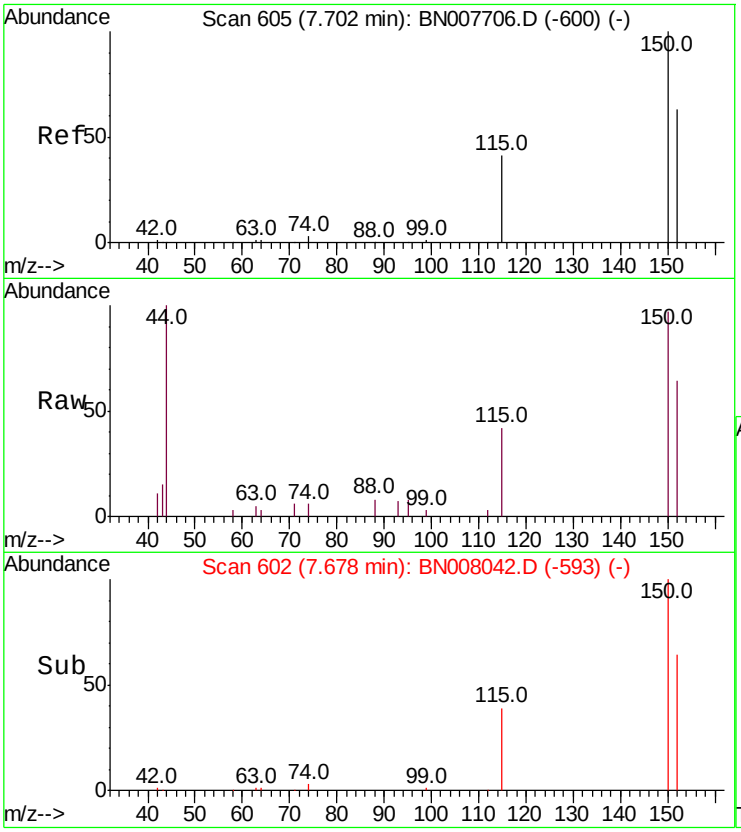
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
Data File : BN008042.D
Acq On : 06 Oct 2019 02:37
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 07 00:17:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration



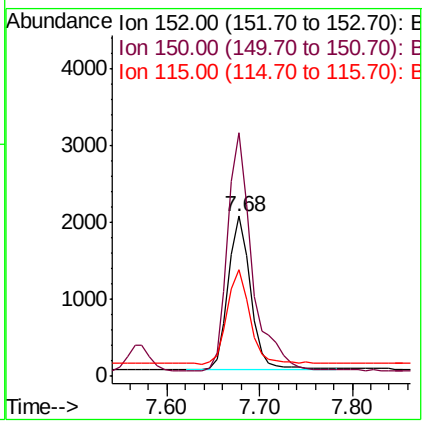


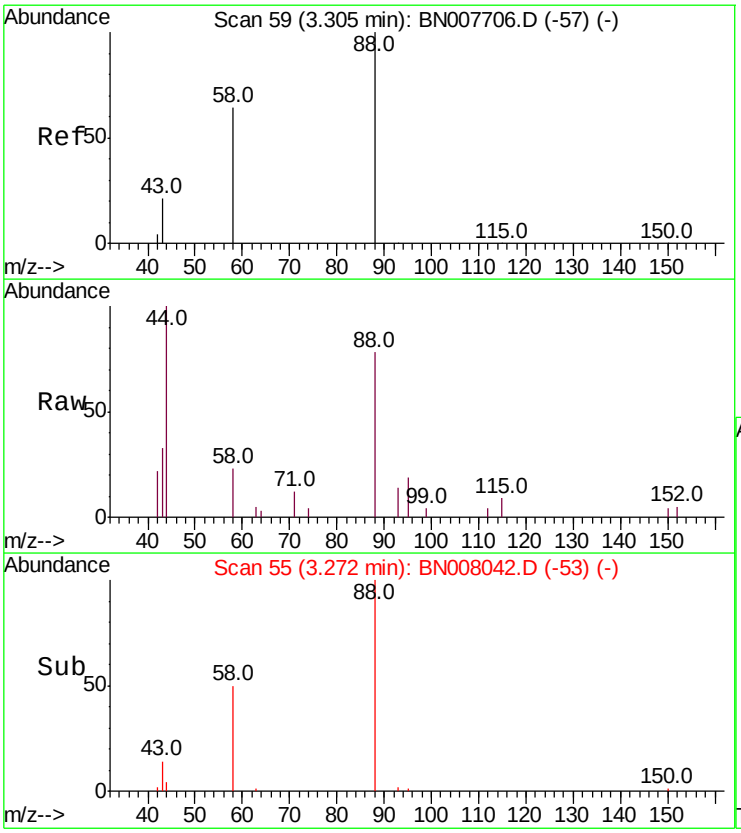
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3335

Ion	Ratio	Lower	Upper
152	100		
150	152.0	125.6	188.4
115	66.6	53.3	79.9

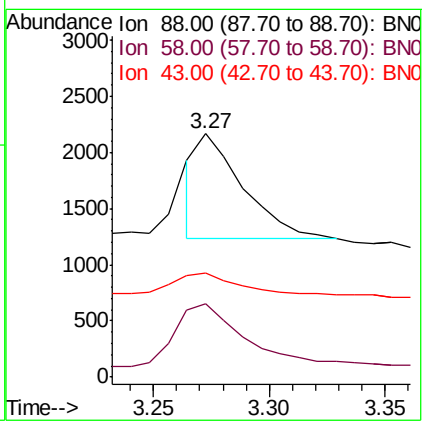


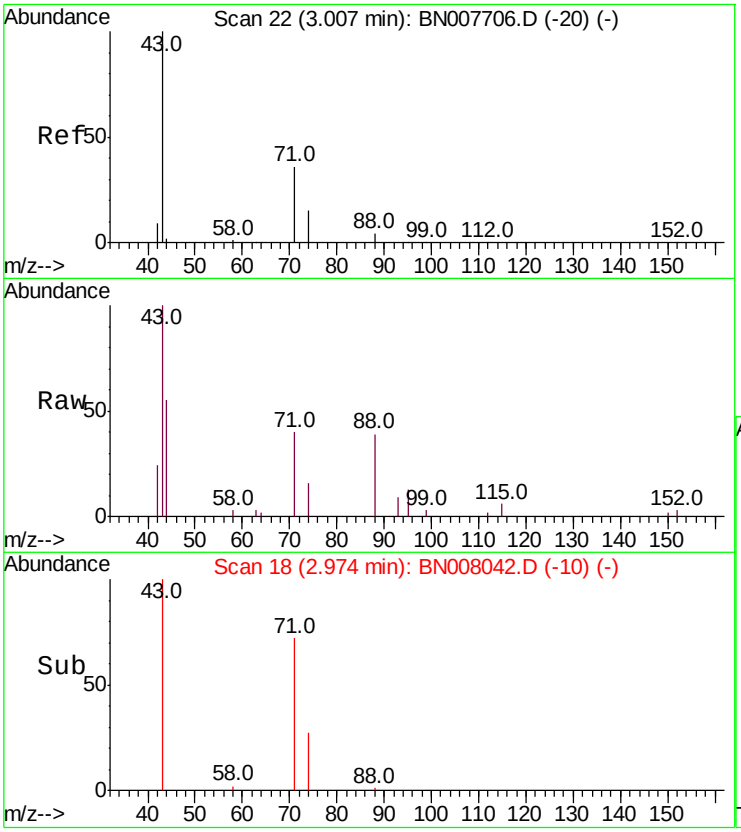


#2
1,4-Dioxane
Concen: 0.346 ng
RT: 3.27 min Scan# 55
Delta R.T. -0.03 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion: 88 Resp: 1287

Ion	Ratio	Lower	Upper
88	100		
58	0.0	44.6	66.8#
43	0.0	14.4	21.6#



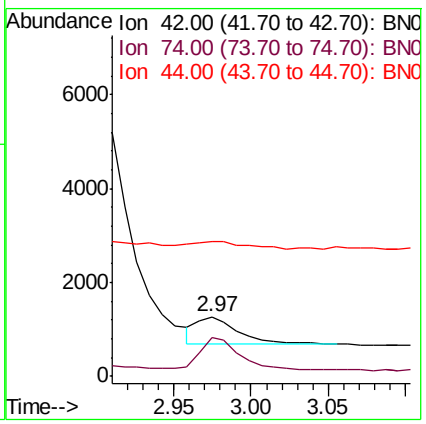


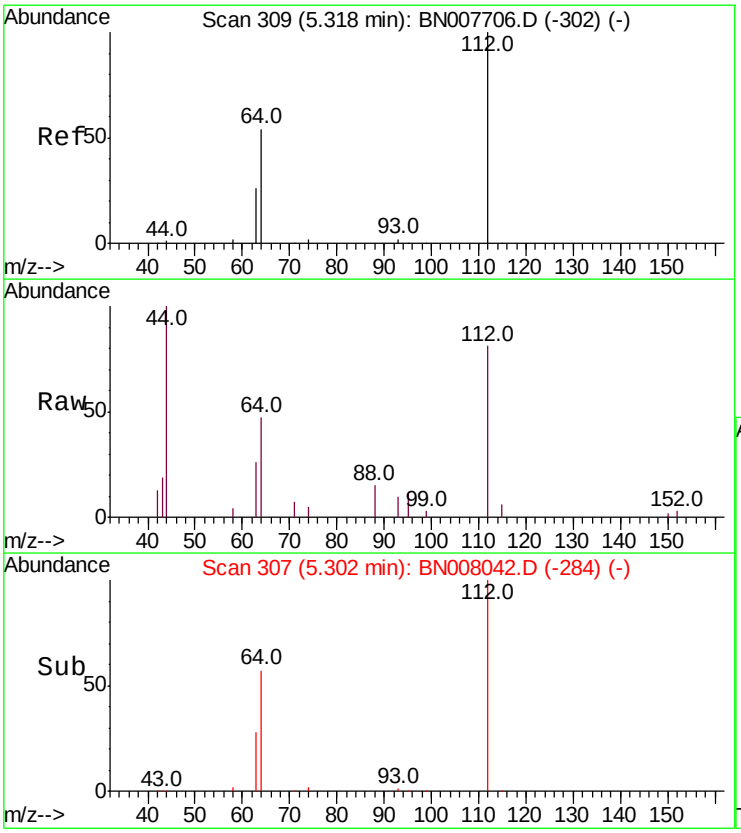
#3
n-Nitrosodimethylamine
Concen: 0.639 ng
RT: 2.97 min Scan# 18
Delta R.T. -0.03 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1088

Ion	Ratio	Lower	Upper
42	100		
74	112.4	87.9	131.9
44	31.2	29.4	44.0

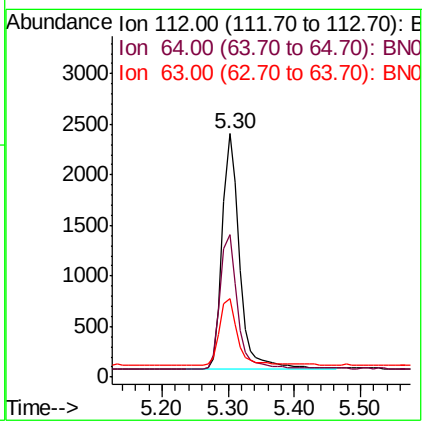


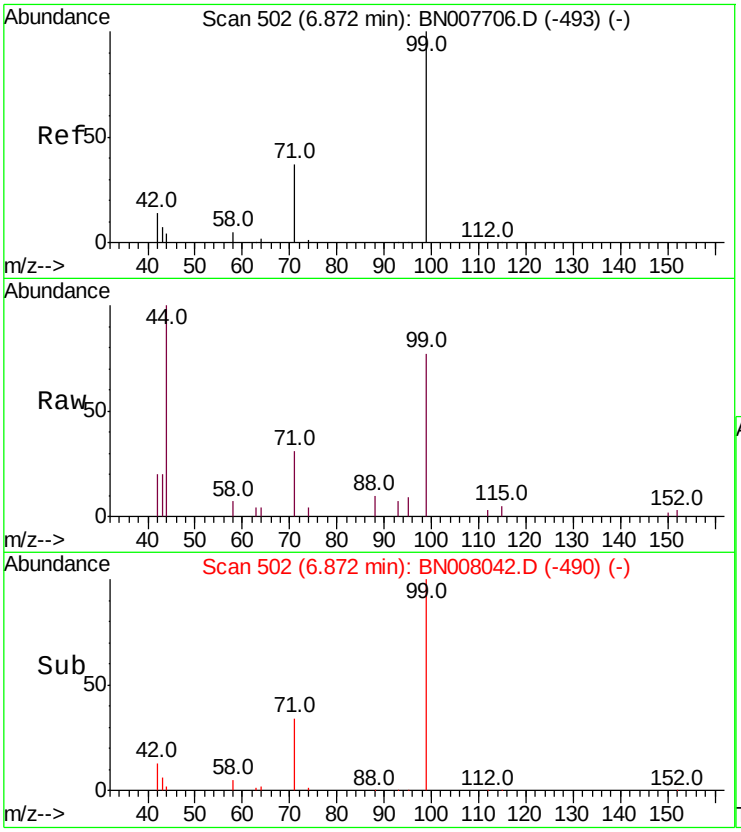


#4
2-Fluorophenol
Concen: 0.368 ng
RT: 5.30 min Scan# 307
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion:112 Resp: 4229

Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.6	70.0
63	29.8	23.1	34.7



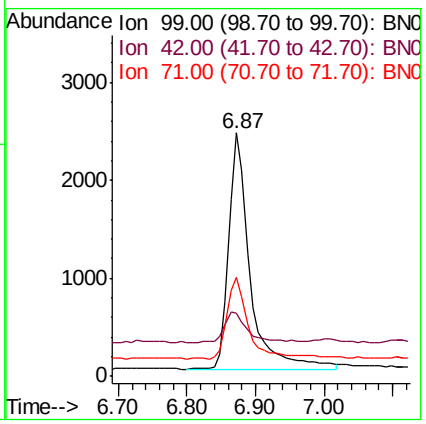


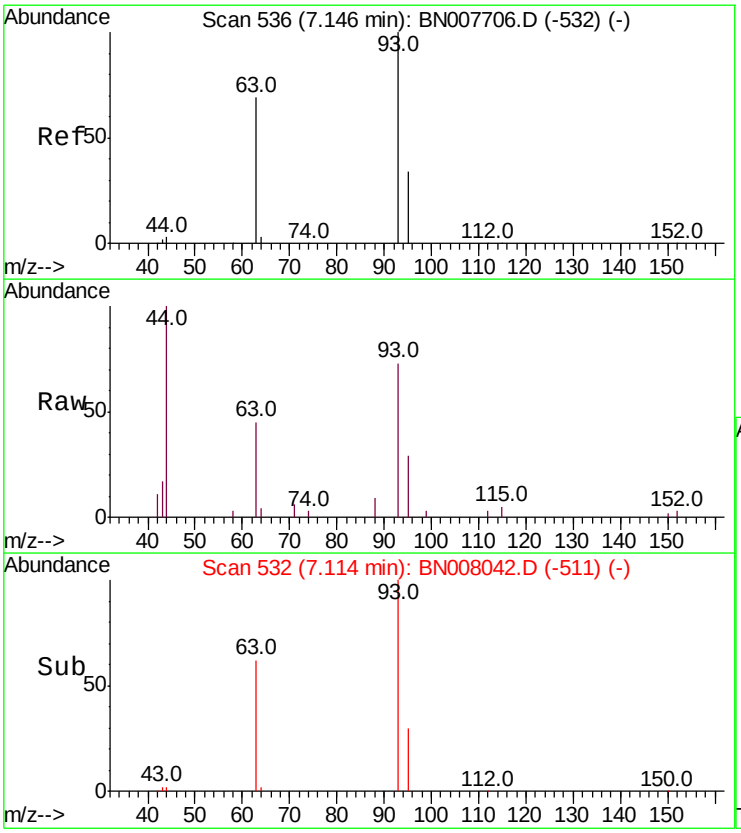
#5
Phenol-d6
Concen: 0.363 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5201

Ion	Ratio	Lower	Upper
99	100		
42	13.6	12.8	19.2
71	34.8	27.6	41.4

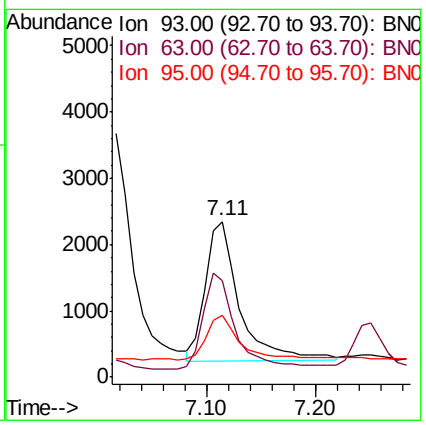


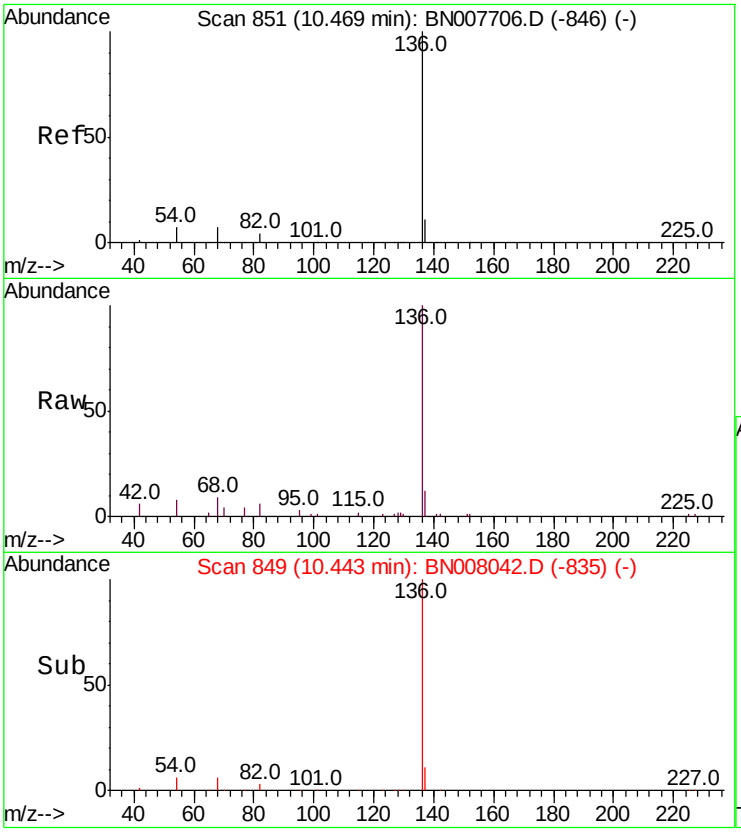


#6
bis(2-Chloroethyl)ether
Concen: 0.490 ng
RT: 7.11 min Scan# 532
Delta R.T. -0.03 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion: 93 Resp: 4625

Ion	Ratio	Lower	Upper
93	100		
63	64.4	59.3	88.9
95	29.6	31.4	47.0#



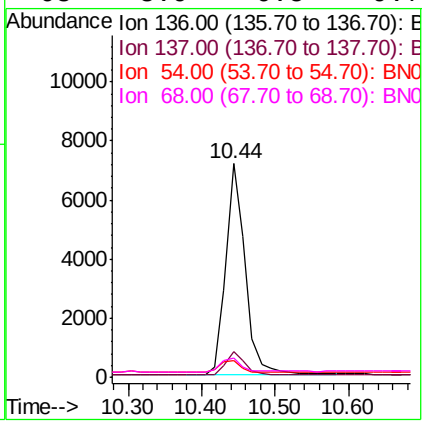


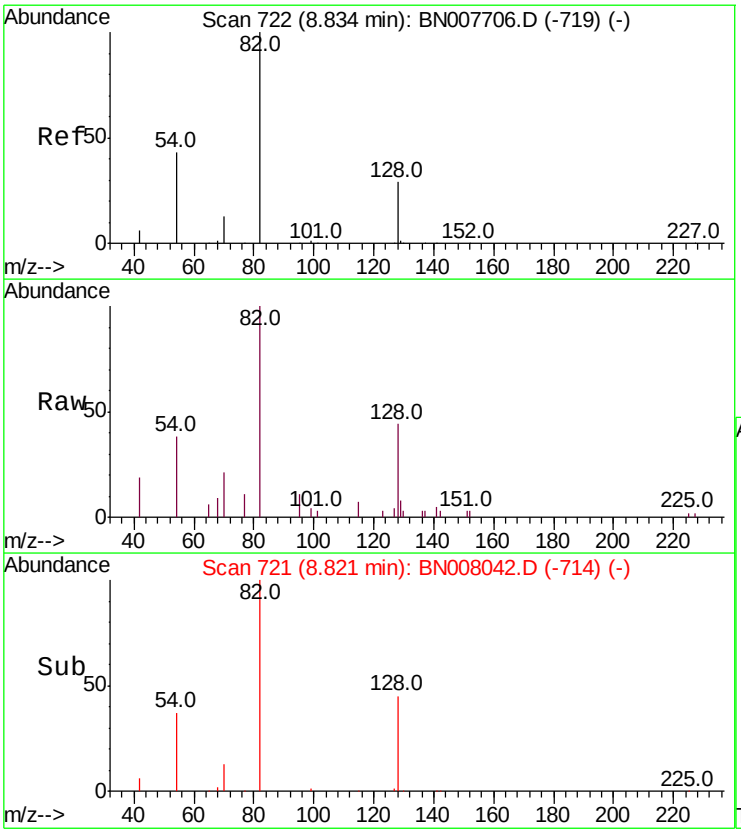
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.03 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 13283

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	8.0	5.8	8.8
68	8.9	6.5	9.7

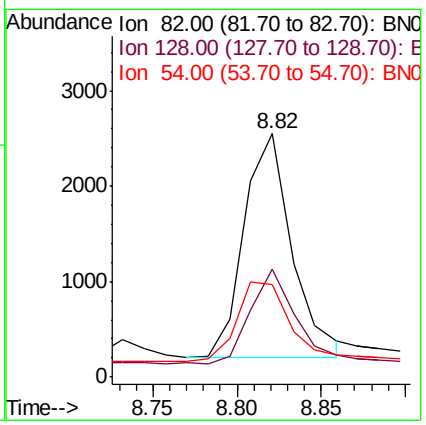


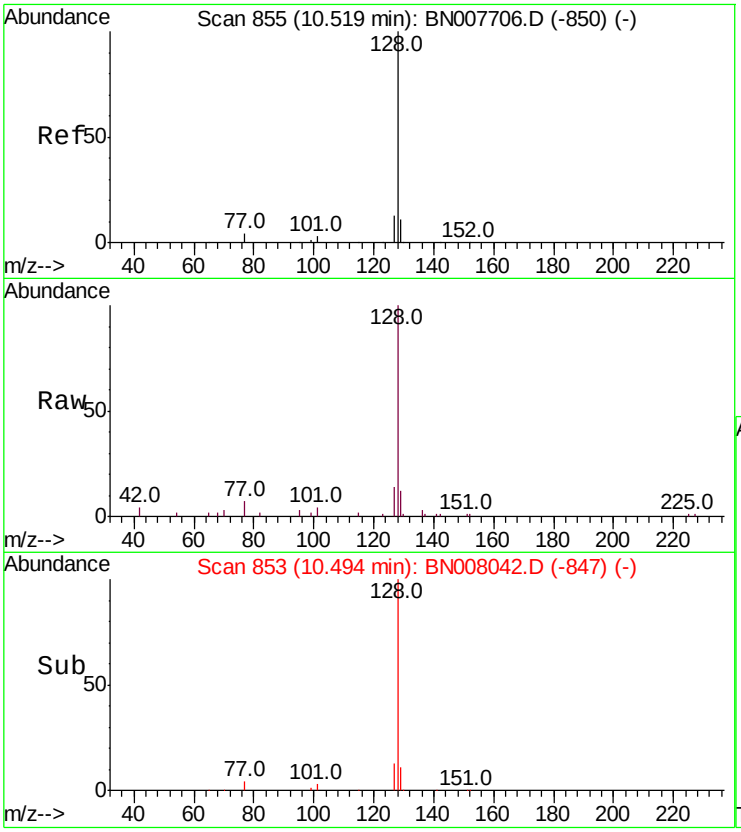


#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion: 82 Resp: 4655

Ion	Ratio	Lower	Upper
82	100		
128	44.4	24.5	36.7#
54	38.2	35.2	52.8



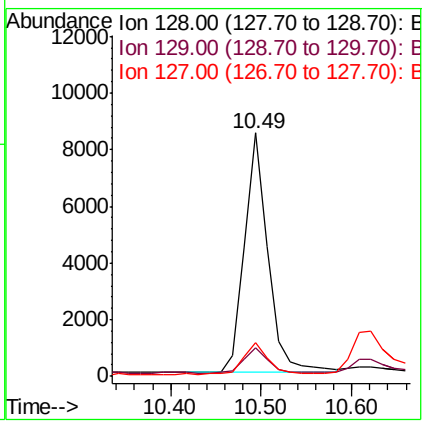


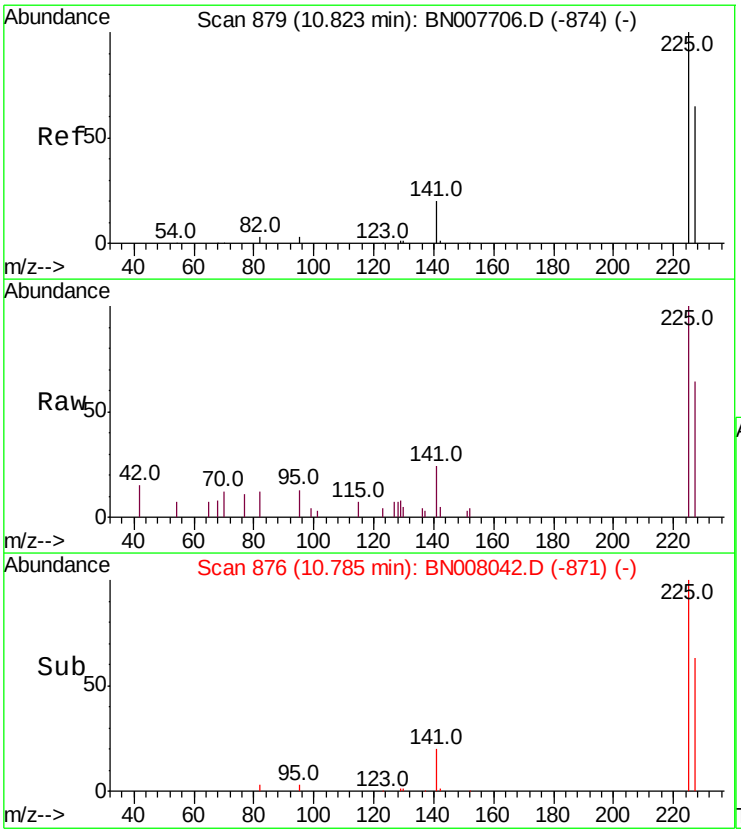
#9
Naphthalene
Concen: 0.408 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 15210

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	13.8	10.6	15.8

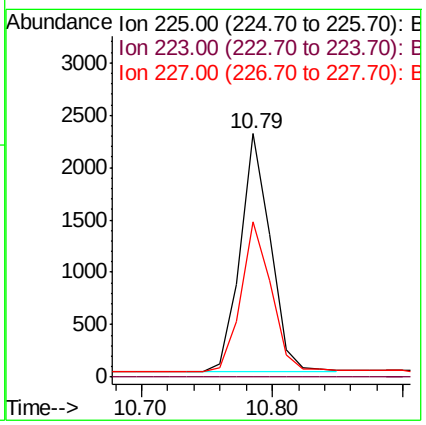


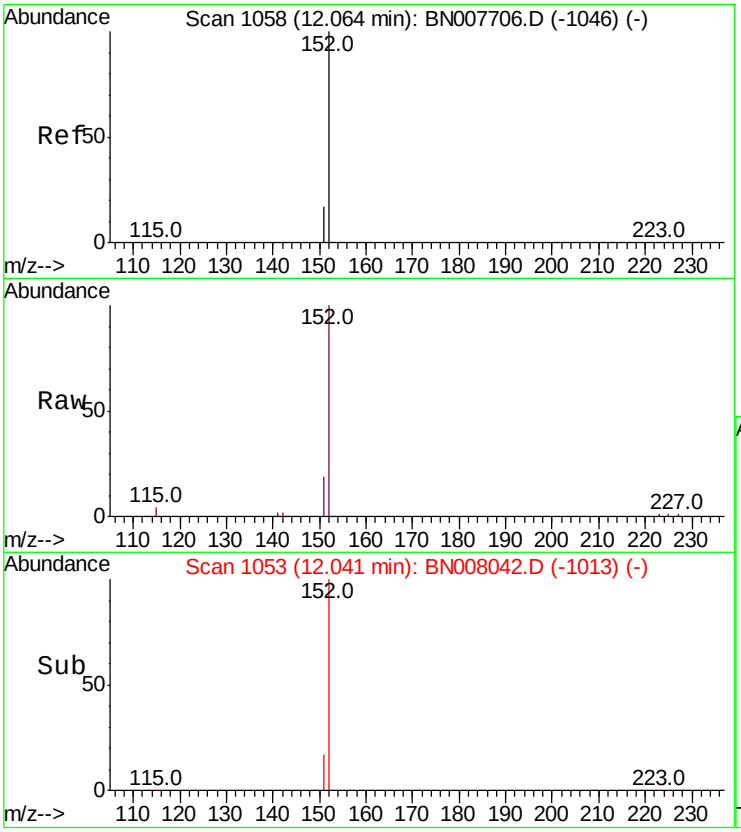


#10
Hexachlorobutadiene
Concen: 0.459 ng
RT: 10.79 min Scan# 876
Delta R.T. -0.04 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion:225 Resp: 3605

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.2	76.8



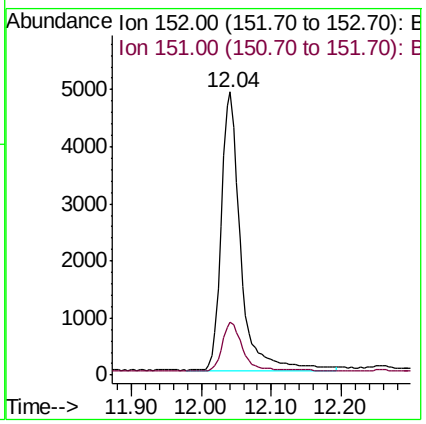


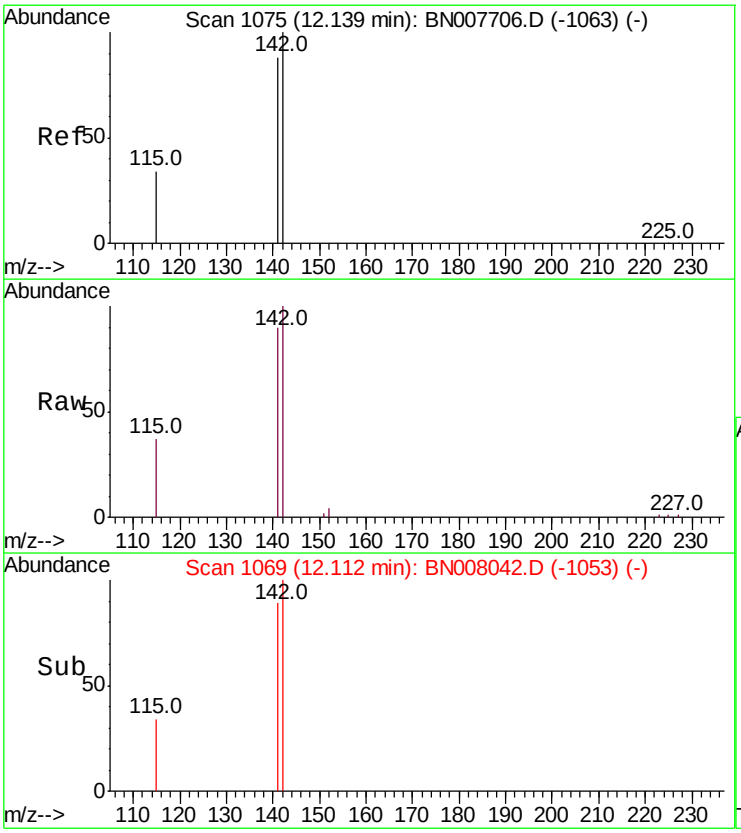
#11
2-Methylnaphthalene-d10
Concen: 0.418 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9349

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2

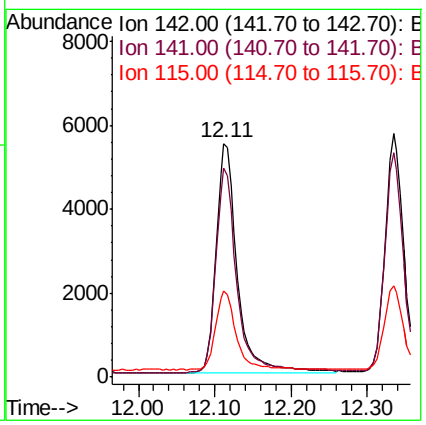


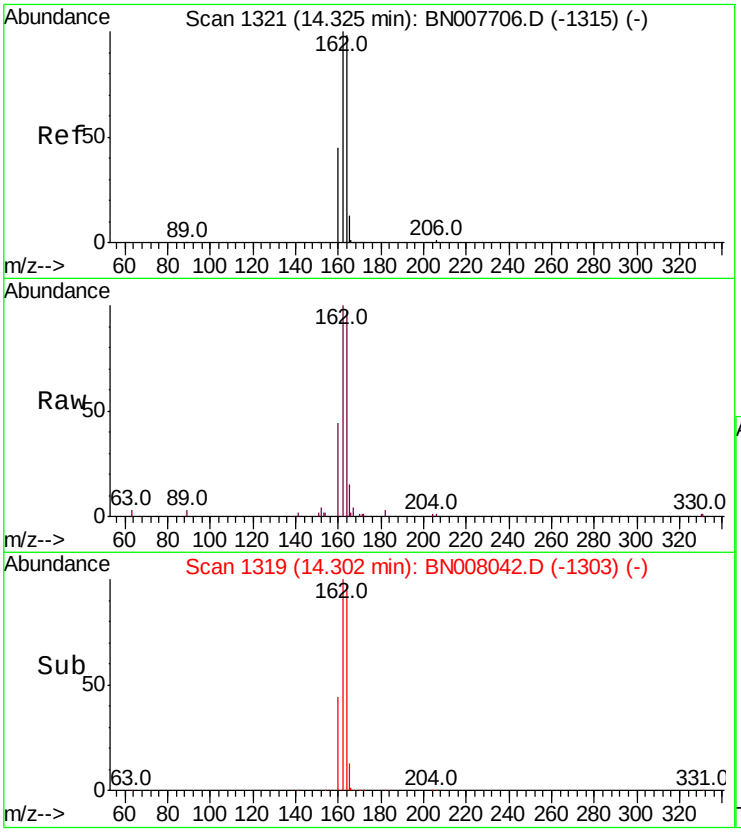


#12
2-Methylnaphthalene
Concen: 0.417 ng
RT: 12.11 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion:142 Resp: 10506

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.6	106.0
115	36.7	28.3	42.5



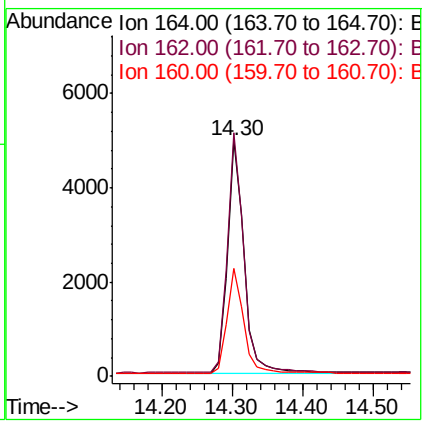


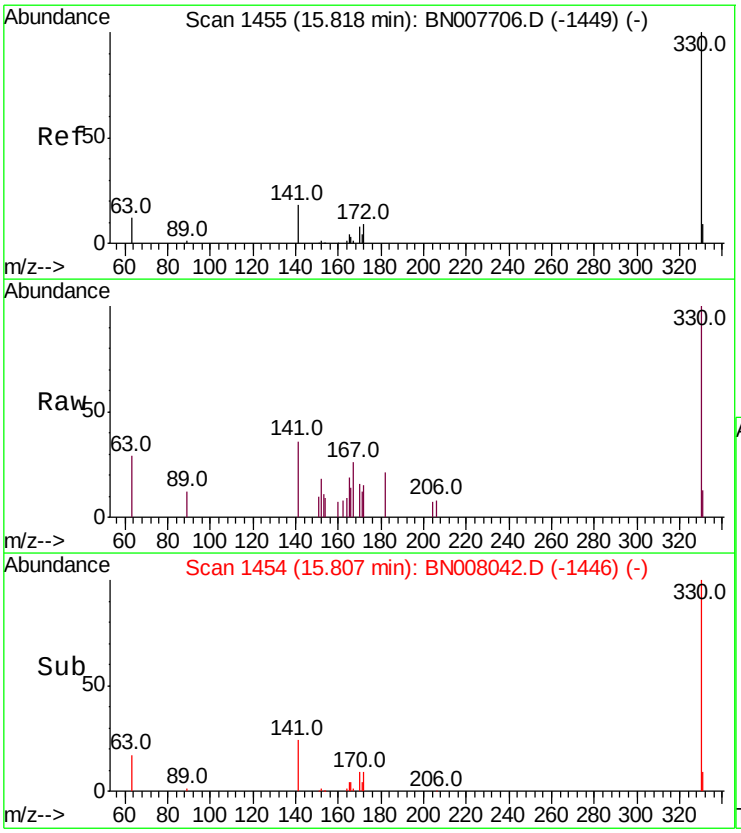
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8267

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.7	122.5
160	45.9	37.0	55.4

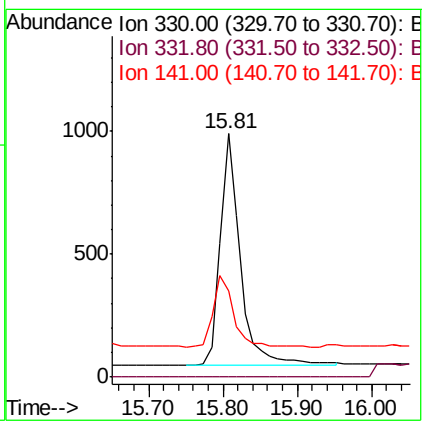


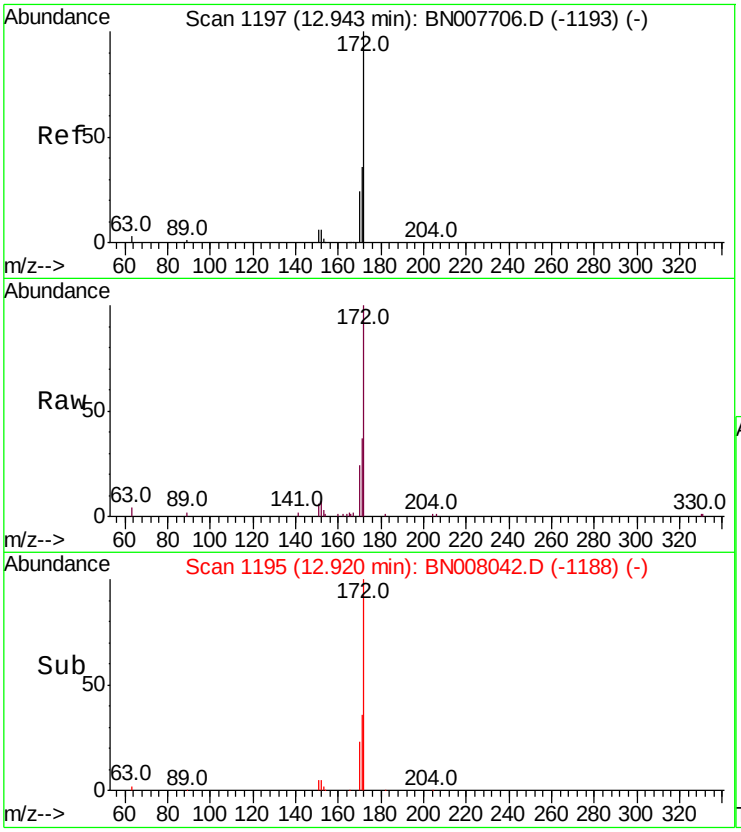


#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion:330 Resp: 1757

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.9	28.7	43.1



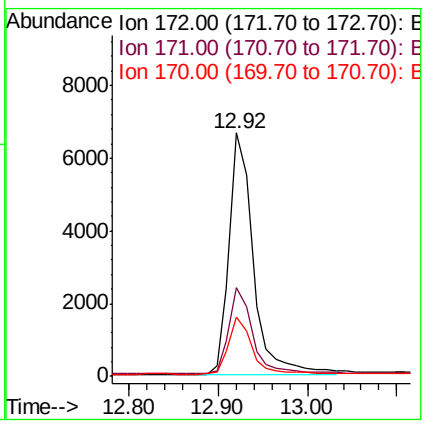


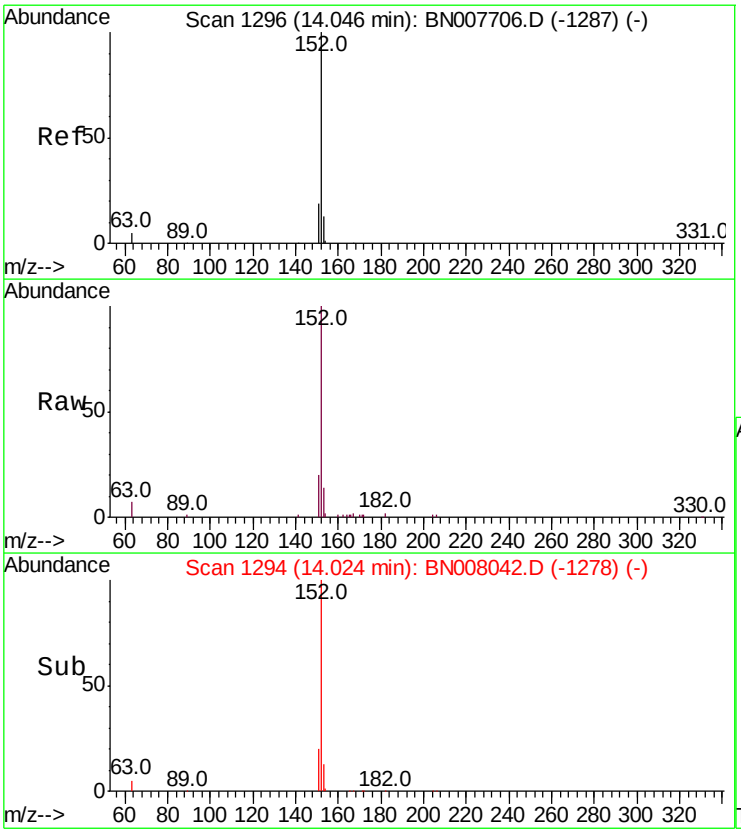
#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.92 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 12521

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.8	43.2
170	24.3	19.5	29.3

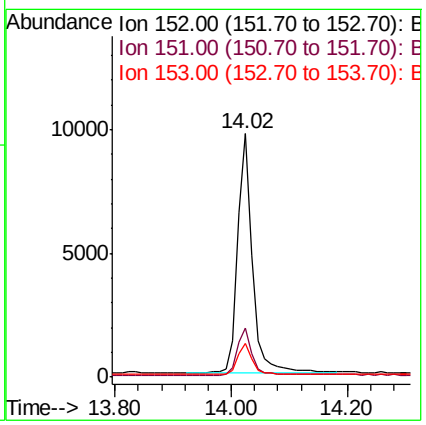


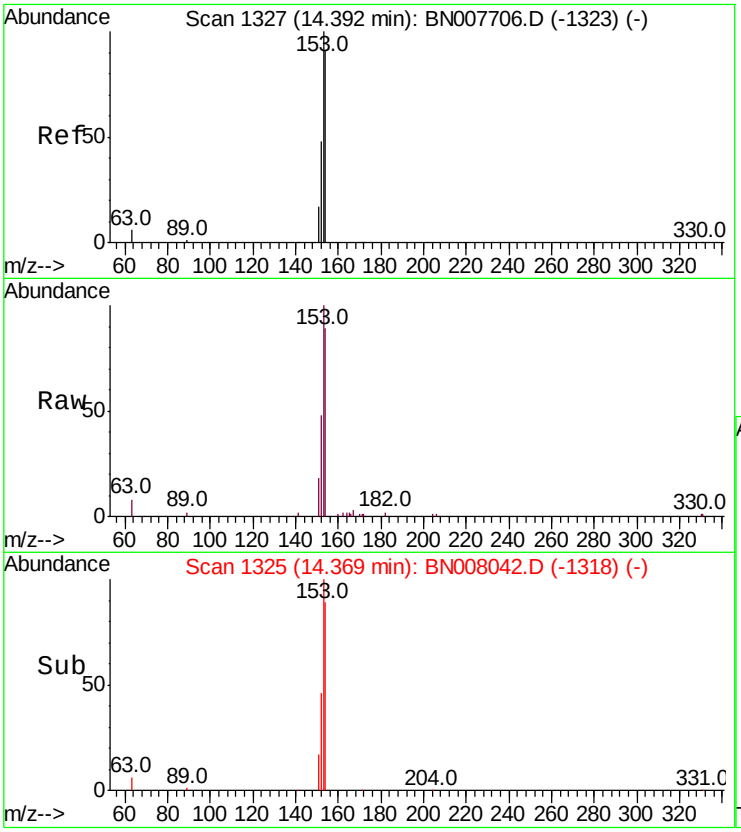


#16
Acenaphthylene
Concen: 0.397 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion:152 Resp: 17411

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.2	10.4	15.6



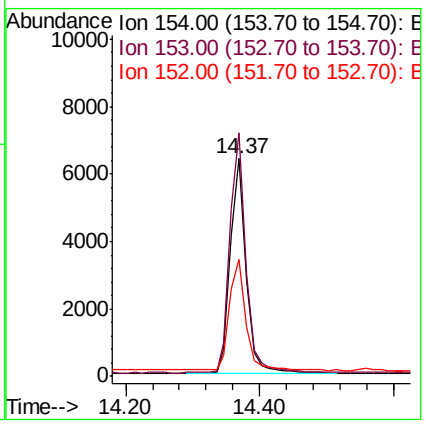


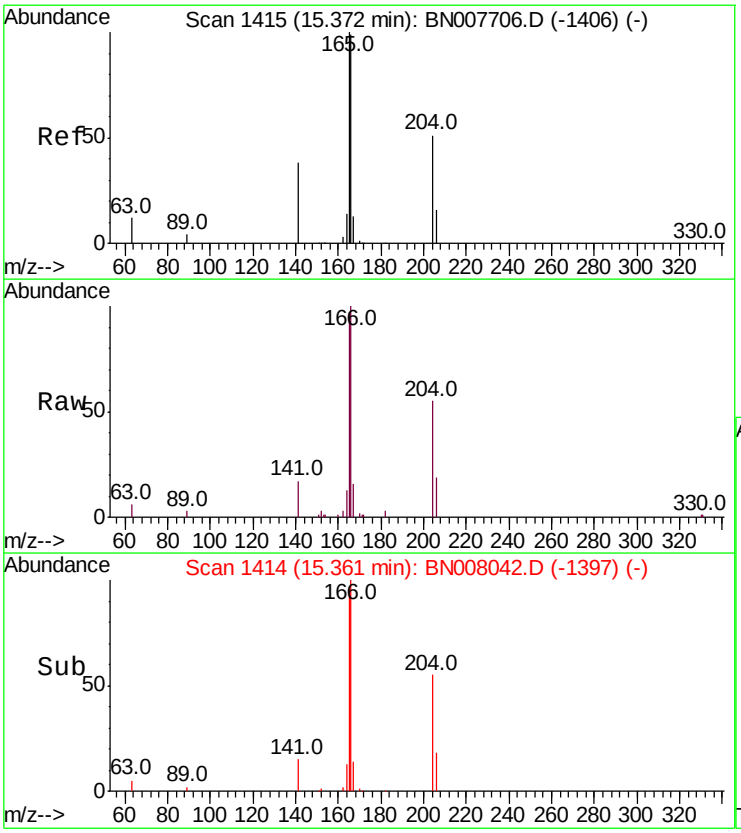
#17
Acenaphthene
Concen: 0.363 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10257

Ion	Ratio	Lower	Upper
154	100		
153	113.7	87.0	130.4
152	53.2	42.7	64.1

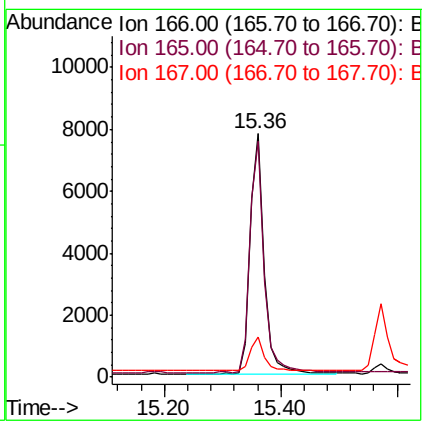


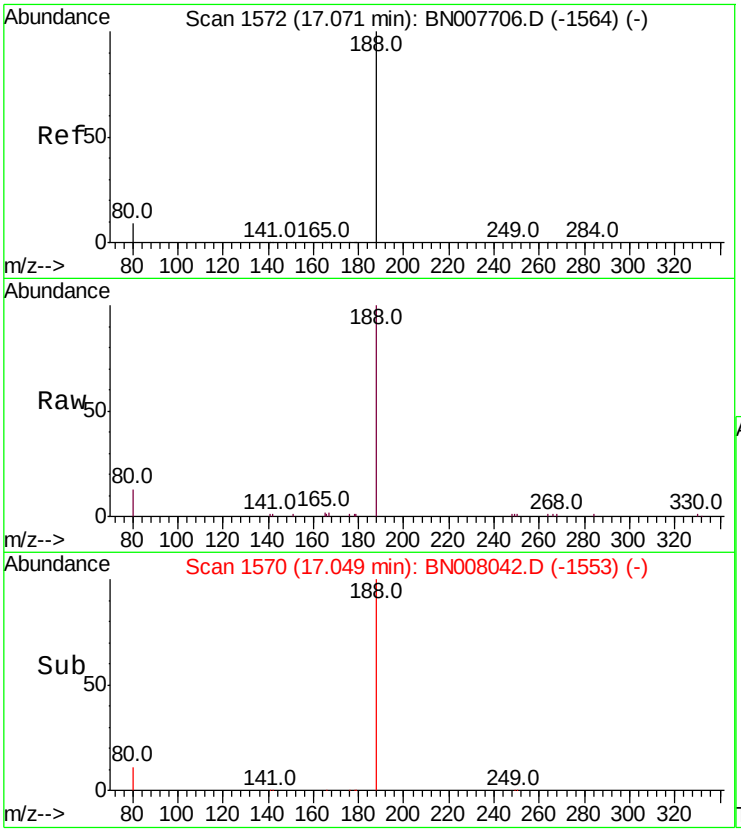


#18
Fluorene
Concen: 0.367 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion:166 Resp: 13307

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.0	117.0
167	13.2	10.9	16.3



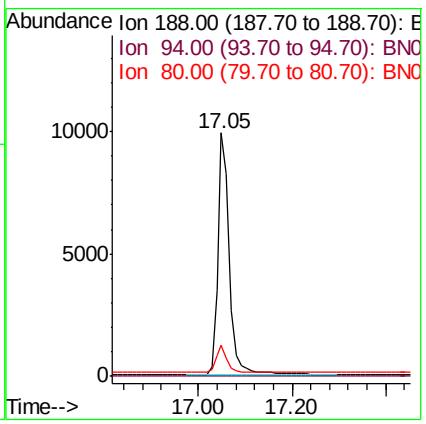


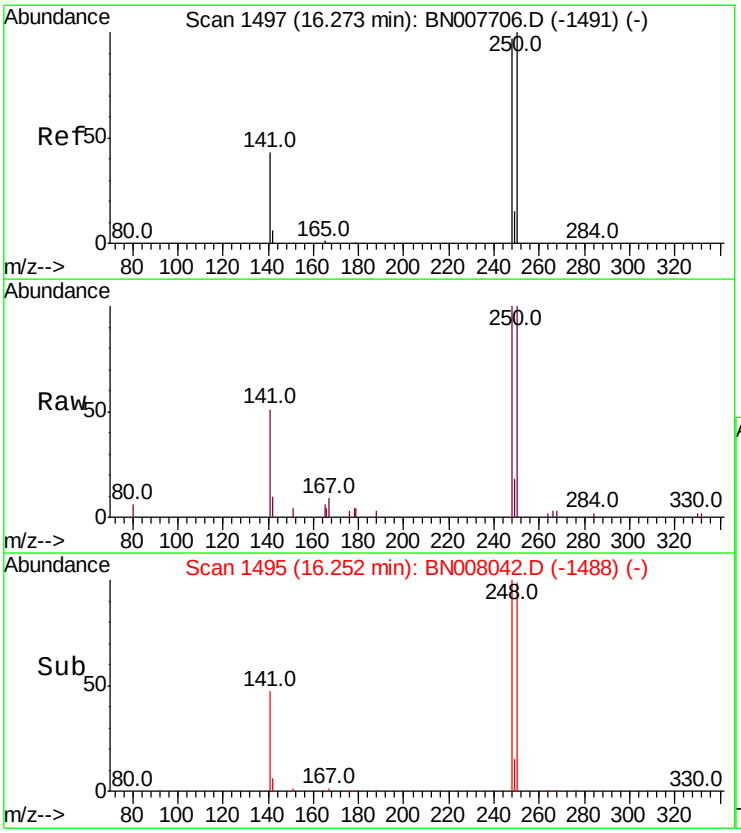
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 17174

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	7.4	11.2#

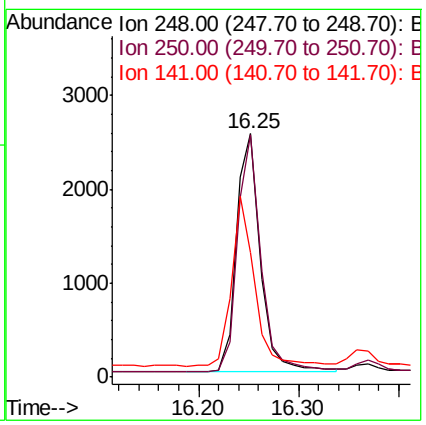


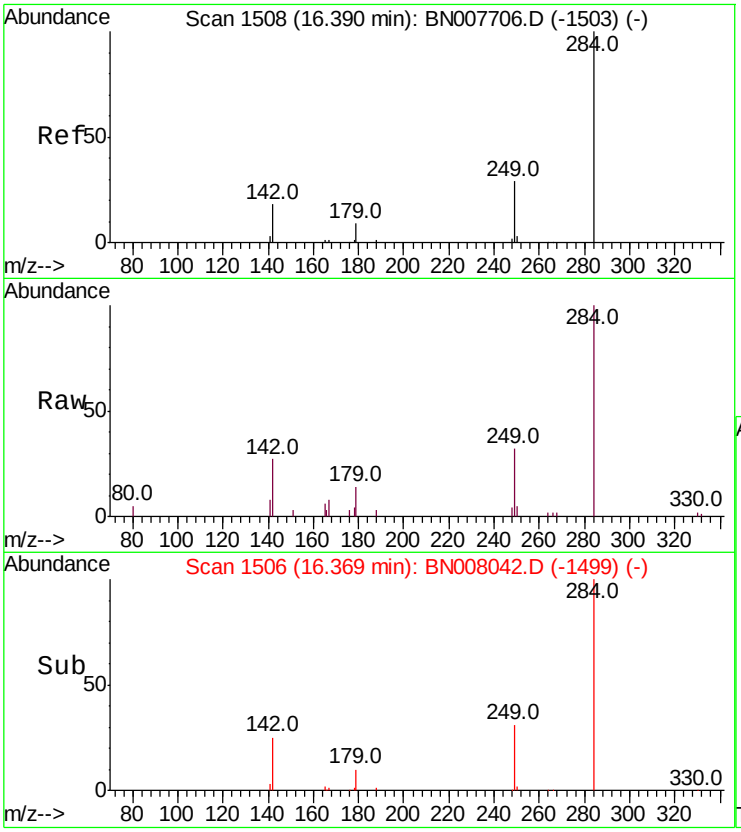


#20
4-Bromophenyl-phenylether
Concen: 0.404 ng
RT: 16.25 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion:248 Resp: 4216

Ion	Ratio	Lower	Upper
248	100		
250	99.6	82.2	123.4
141	51.0	36.3	54.5



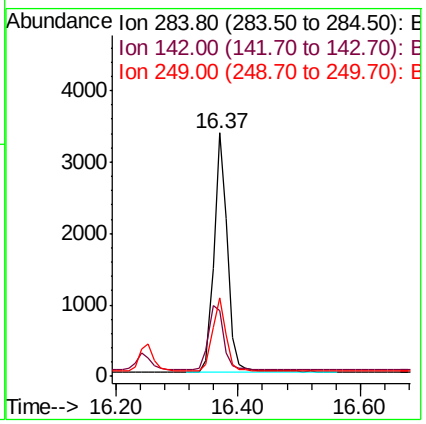


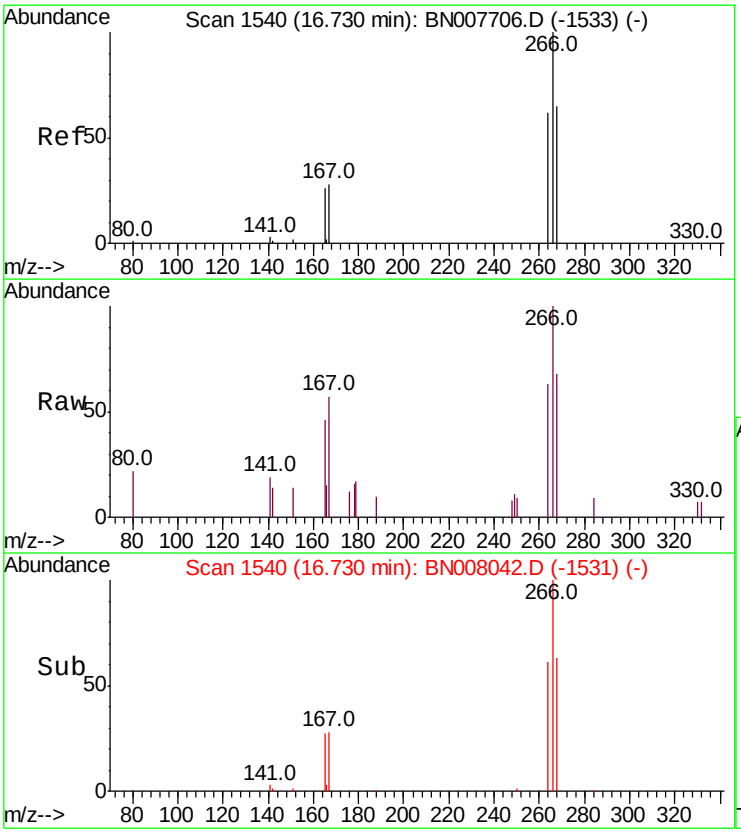
#21
Hexachlorobenzene
Concen: 0.443 ng
RT: 16.37 min Scan# 1506
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 5045

Ion	Ratio	Lower	Upper
284	100		
142	29.9	25.8	38.6
249	30.6	25.9	38.9

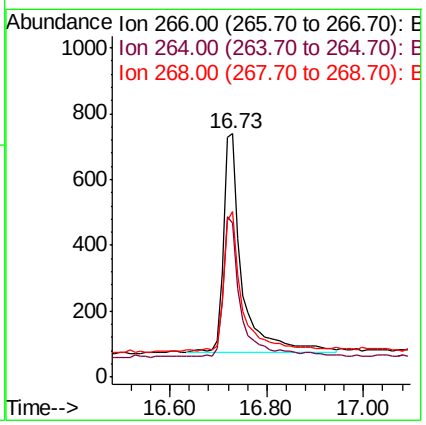


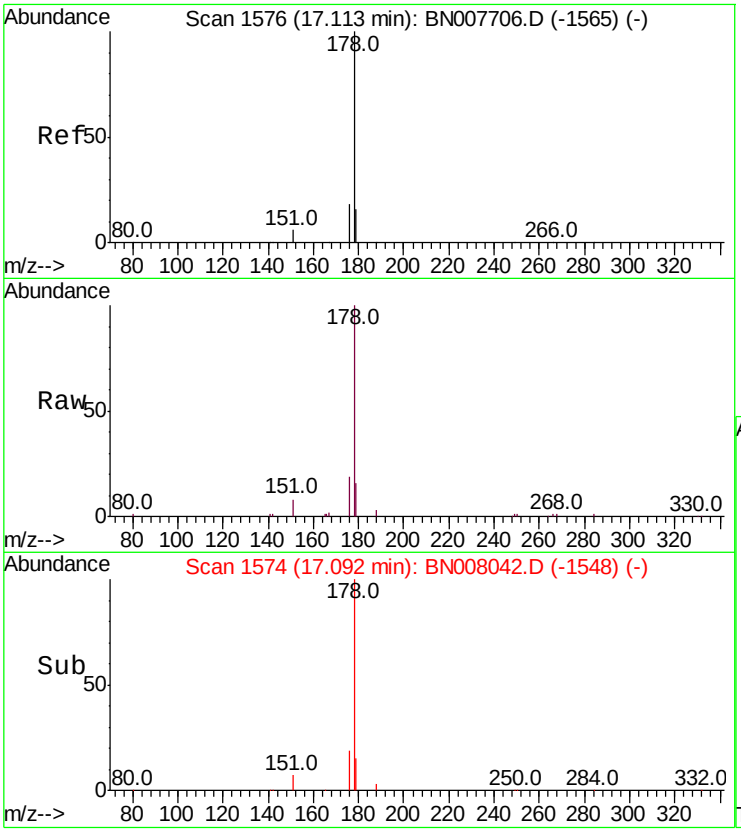


#22
Pentachlorophenol
Concen: 0.409 ng
RT: 16.73 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion:266 Resp: 1717

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.0	75.0
268	68.1	54.2	81.4



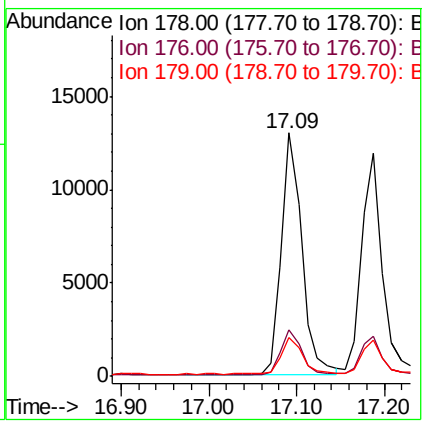


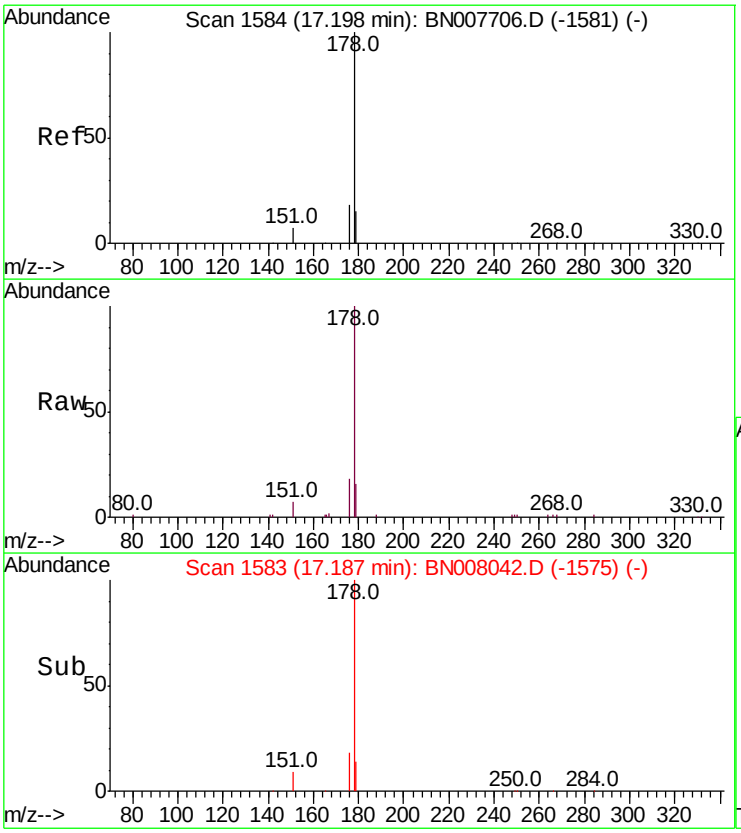
#23
Phenanthrene
Concen: 0.391 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 20896

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.8	12.5	18.7

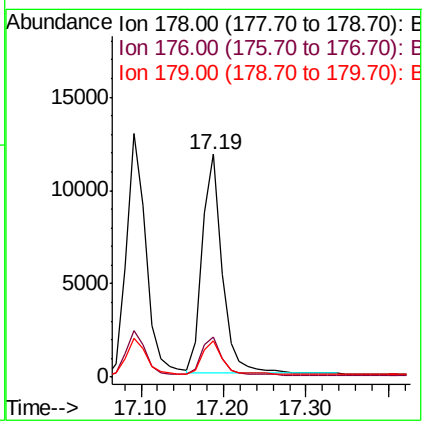


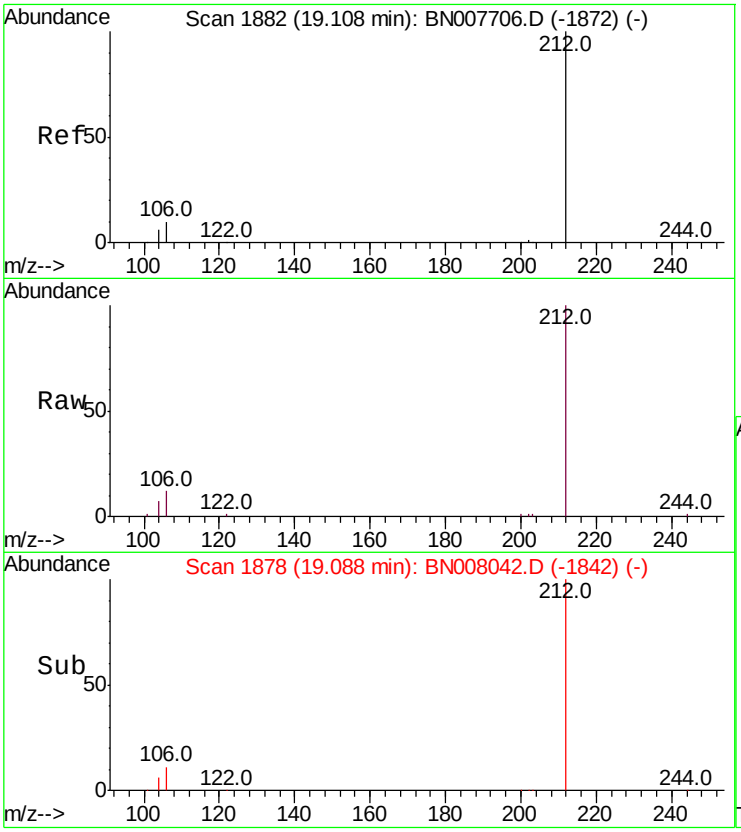


#24
Anthracene
Concen: 0.406 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion:178 Resp: 19638

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.0	12.2	18.4



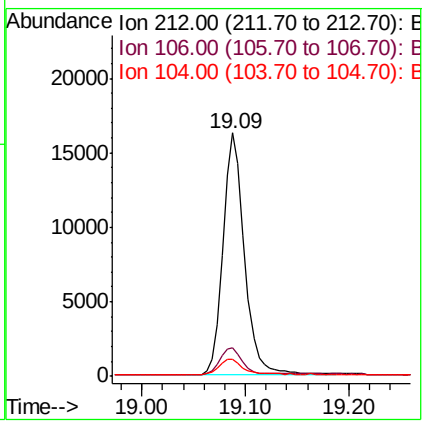


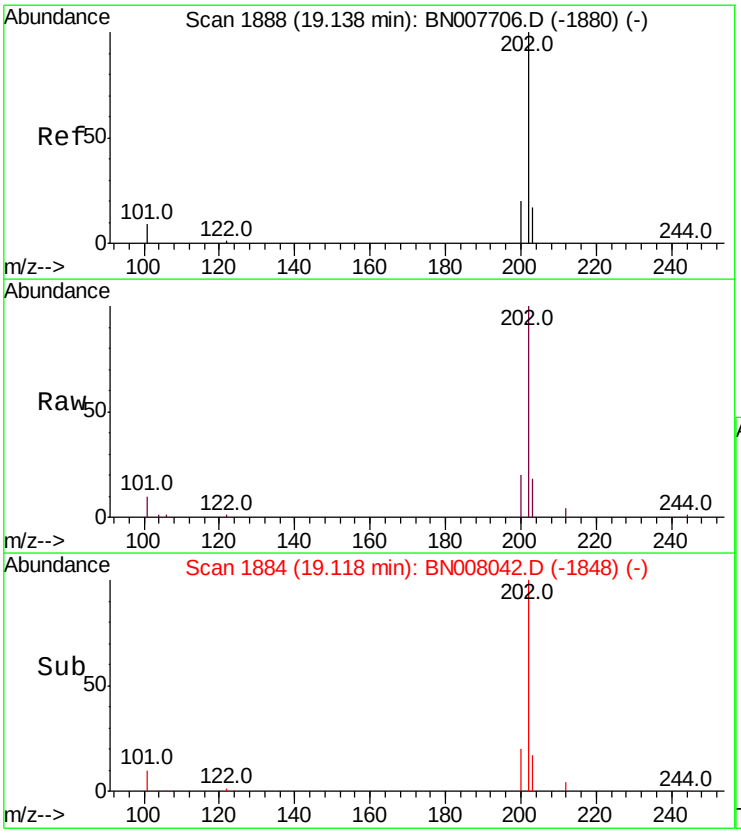
#25
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.09 min Scan# 1878
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 23127

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.4	14.0
104	6.5	5.3	7.9

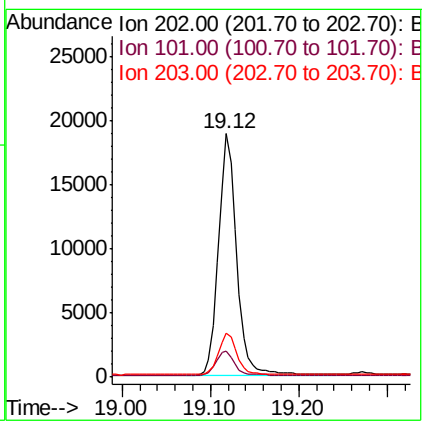


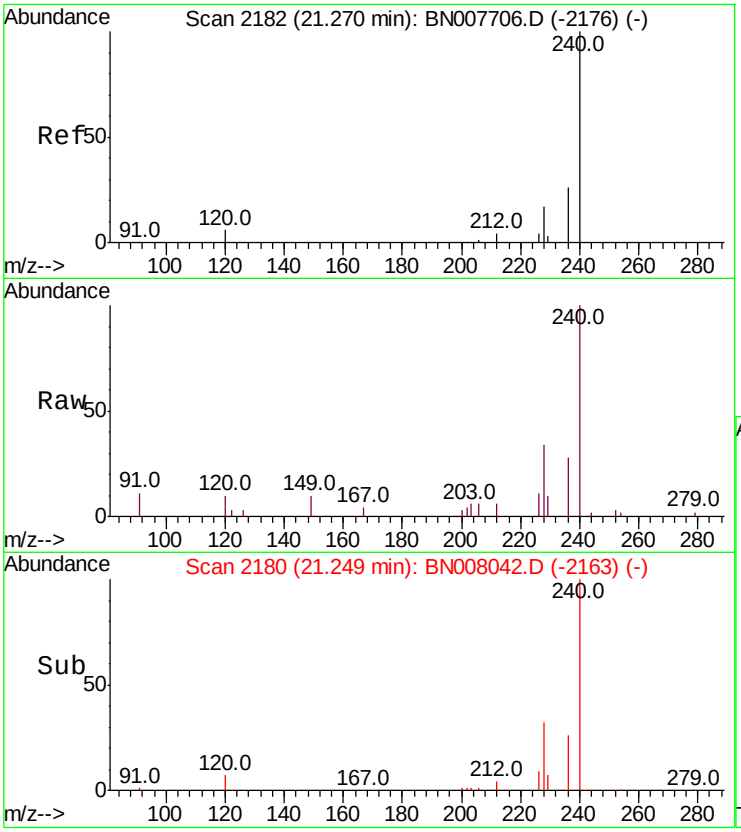


#26
Fluoranthene
Concen: 0.404 ng
RT: 19.12 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion:202 Resp: 26854

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.4	12.6
203	17.1	13.8	20.8



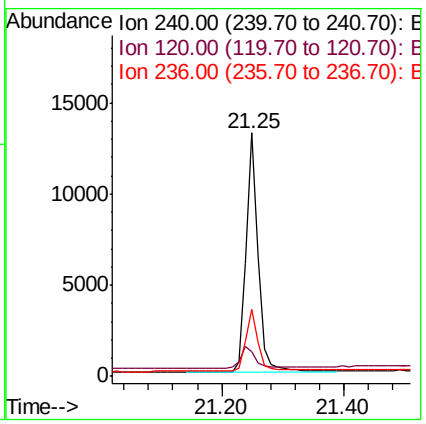


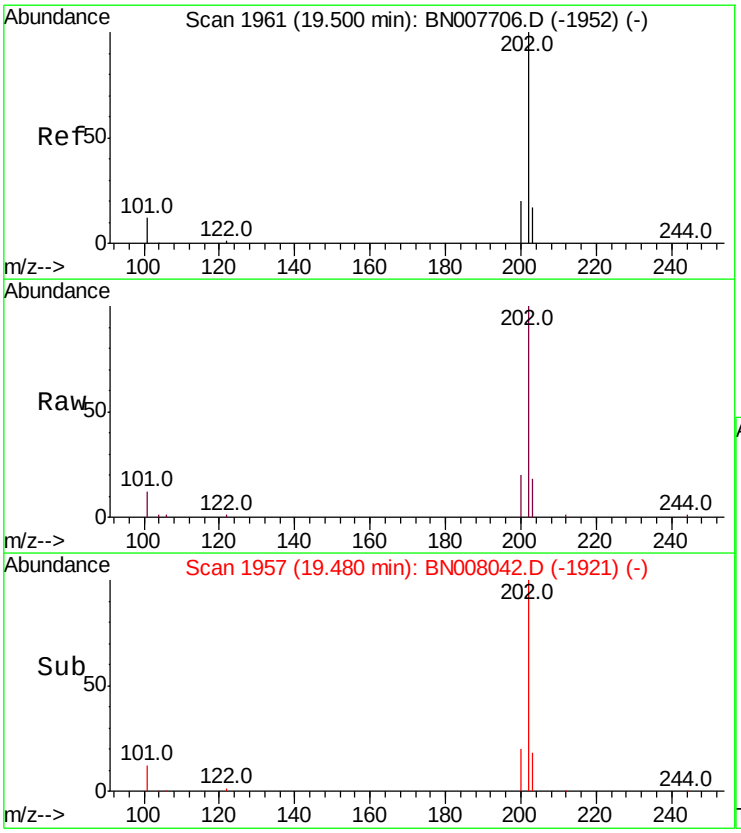
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 18554

Ion	Ratio	Lower	Upper
240	100		
120	10.2	5.4	8.2#
236	27.6	21.0	31.4

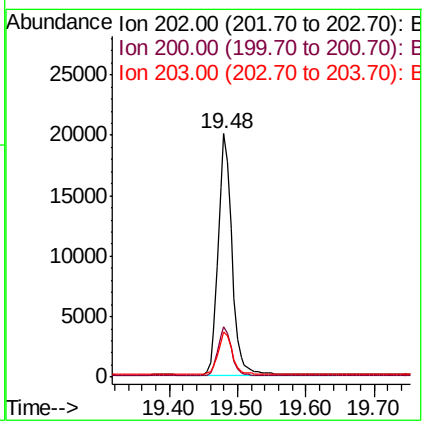


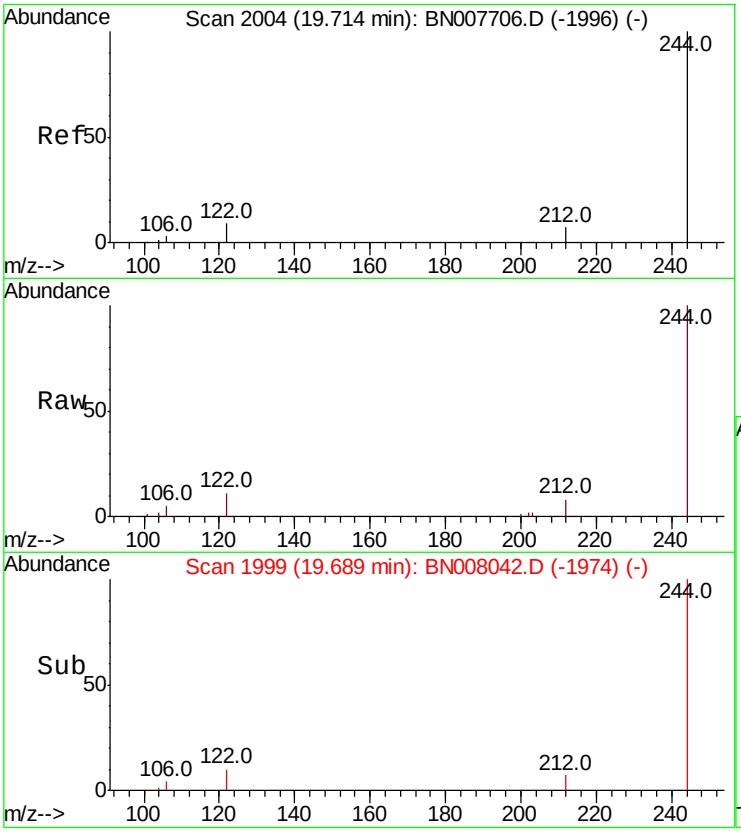


#28
Pyrene
Concen: 0.442 ng
RT: 19.48 min Scan# 1957
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion:202 Resp: 27983

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	18.0	14.1	21.1



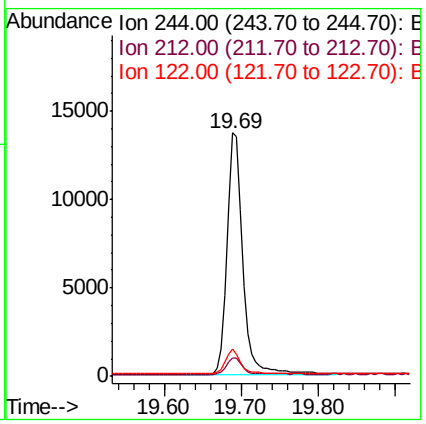


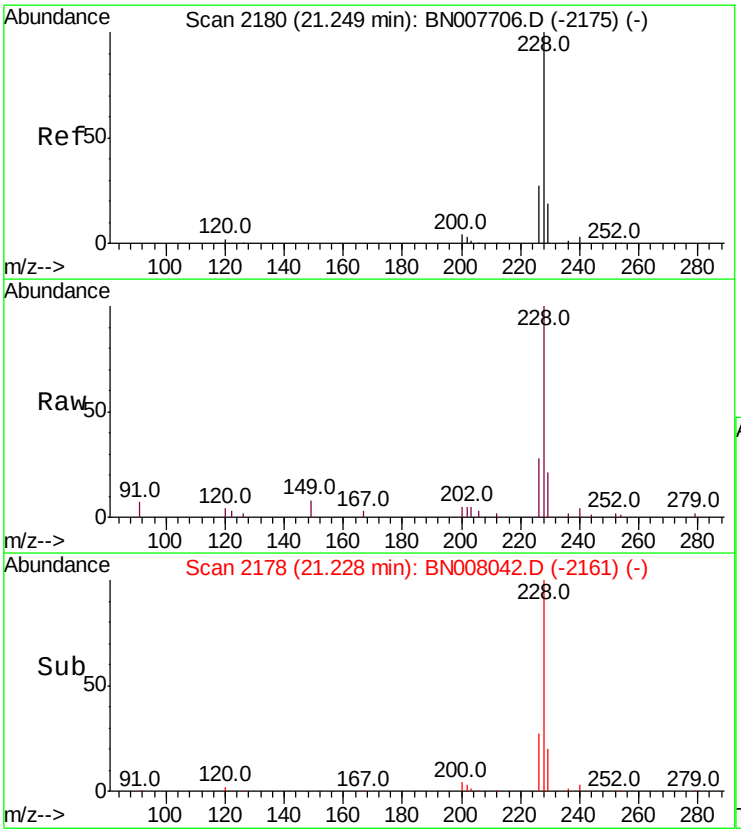
#29
Terphenyl-d14
Concen: 0.424 ng
RT: 19.69 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 19308

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	11.1	7.4	11.2

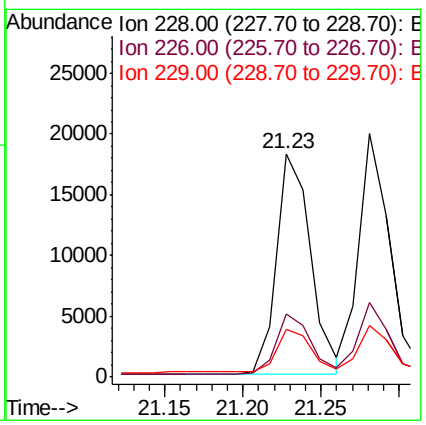


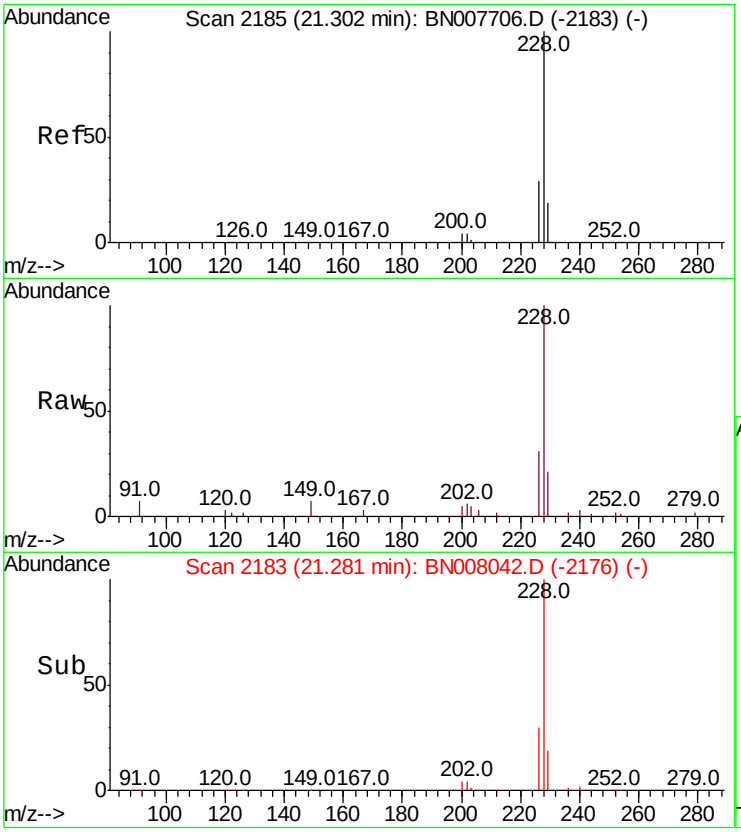


#30
Benzo(a)anthracene
Concen: 0.401 ng
RT: 21.23 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion:228 Resp: 27380

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.1	33.1
229	21.3	15.8	23.6



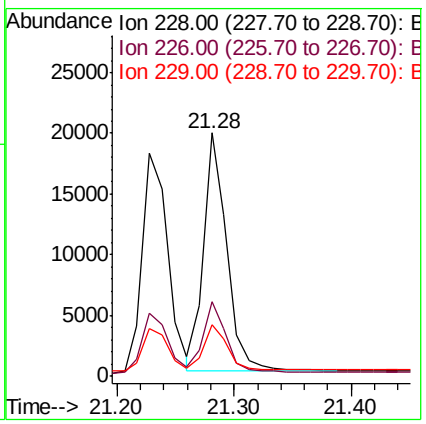


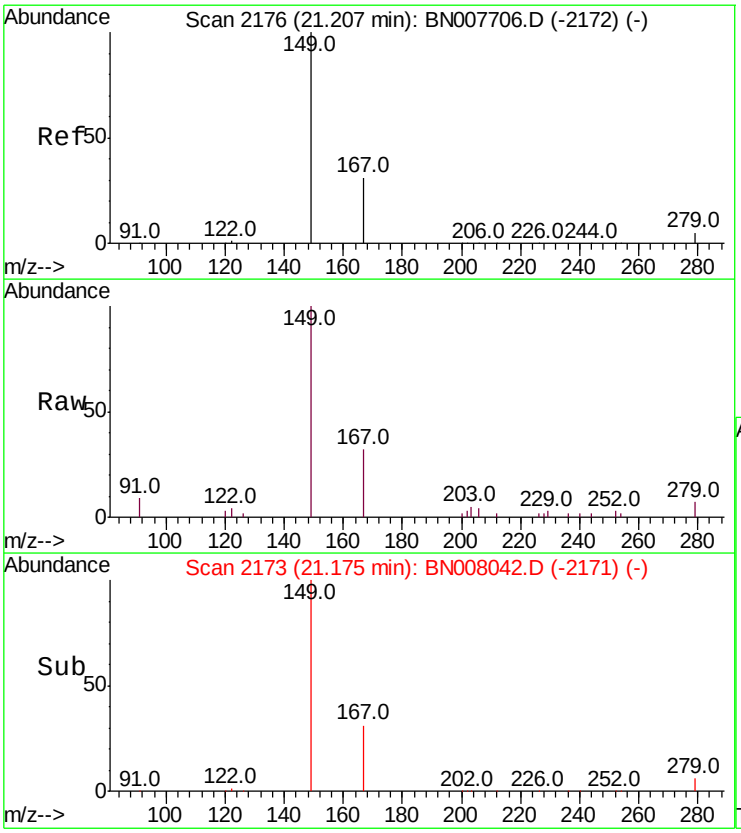
#31
Chrysene
Concen: 0.408 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 27147

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.9	35.9
229	21.1	15.8	23.6

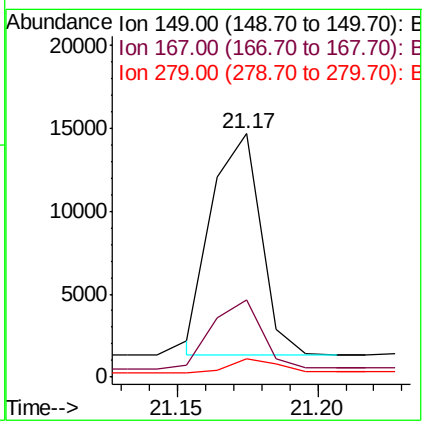


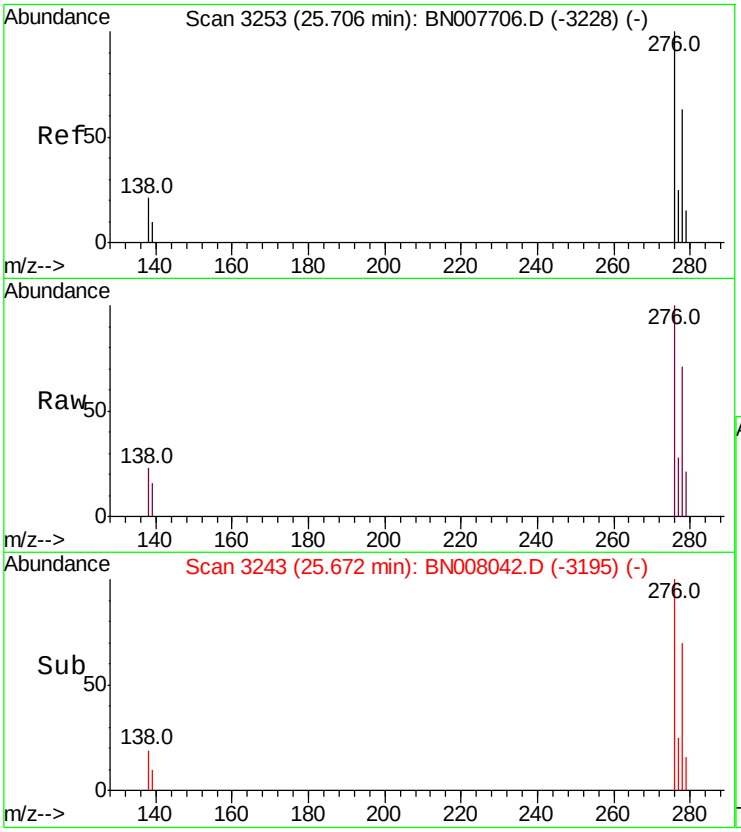


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.465 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion:149 Resp: 16347

Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.7	35.5
279	6.1	4.2	6.2



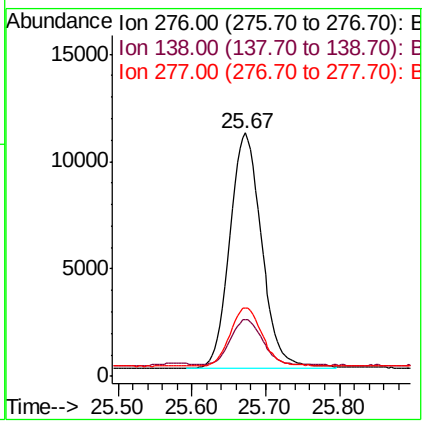


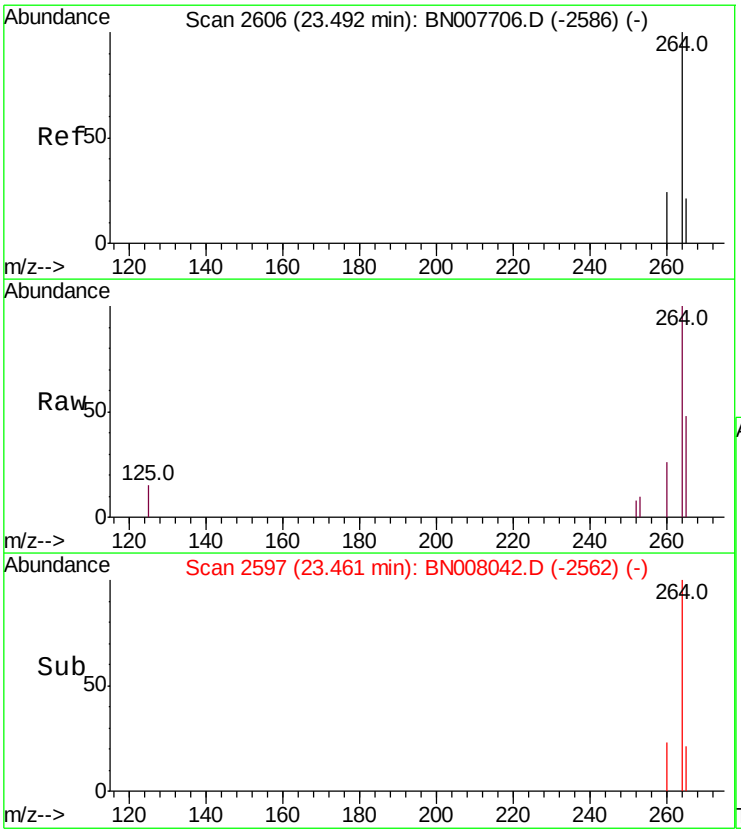
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 25.67 min Scan# 3243
Delta R.T. -0.03 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 33048

Ion	Ratio	Lower	Upper
276	100		
138	19.2	17.1	25.7
277	25.1	20.0	30.0

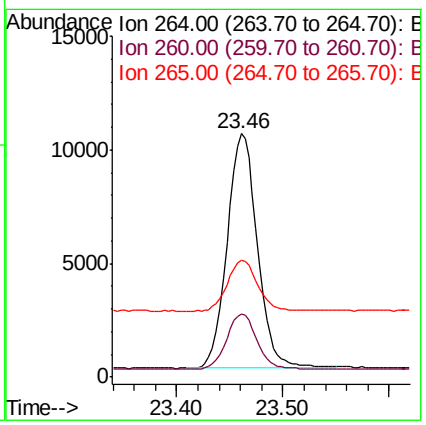


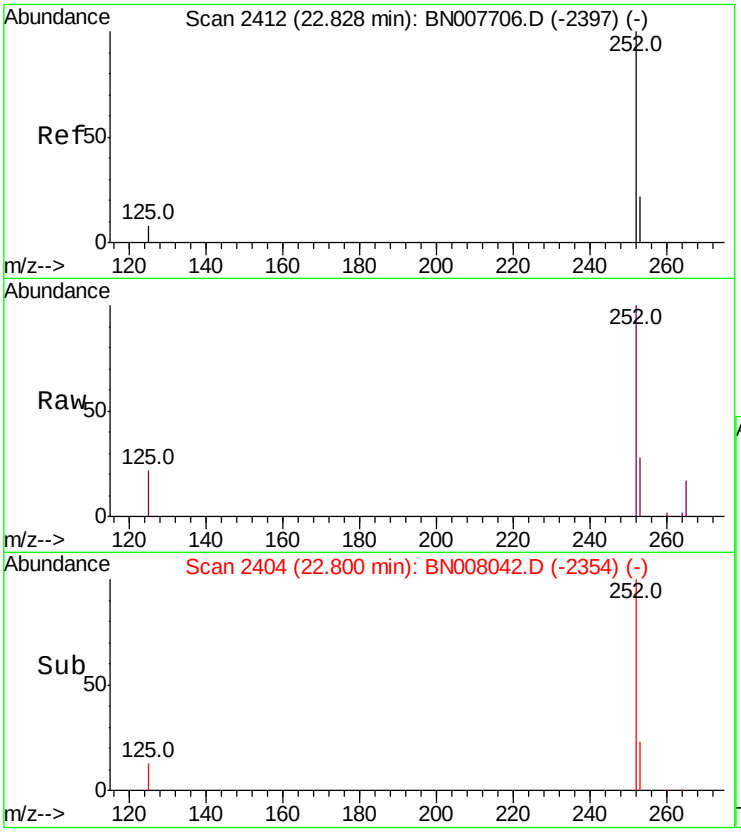


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2597
Delta R.T. -0.03 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion:264 Resp: 20516

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.3	28.9
265	47.9	26.9	40.3#



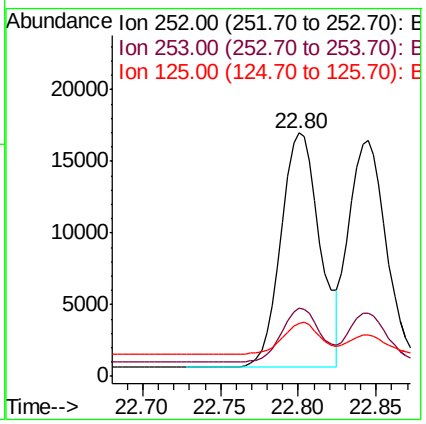


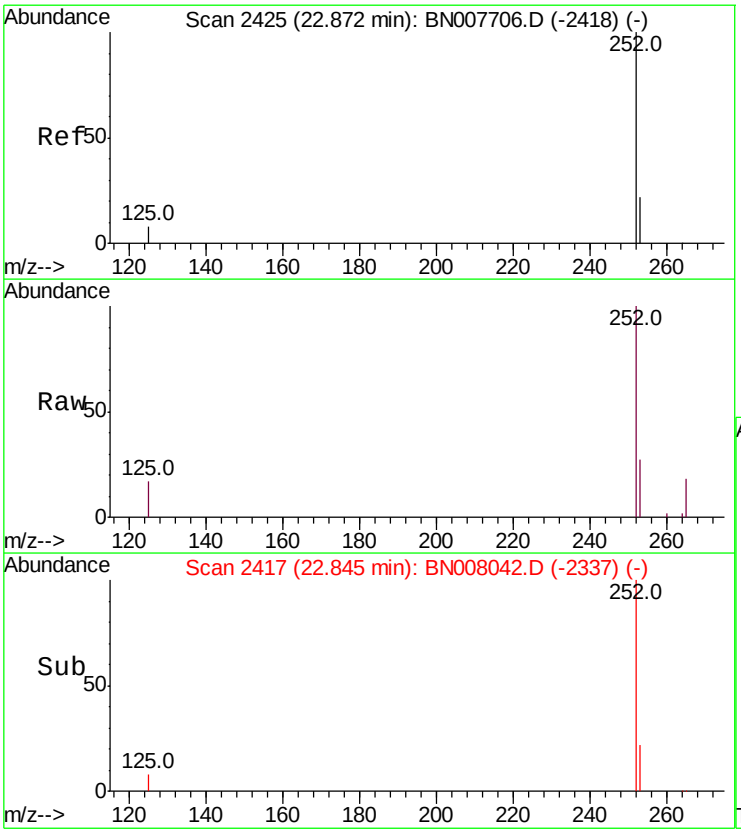
#35
Benzo(b)fluoranthene
Concen: 0.402 ng
RT: 22.80 min Scan# 2404
Delta R.T. -0.03 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 28612

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.3	27.5#
125	21.7	8.2	12.4#

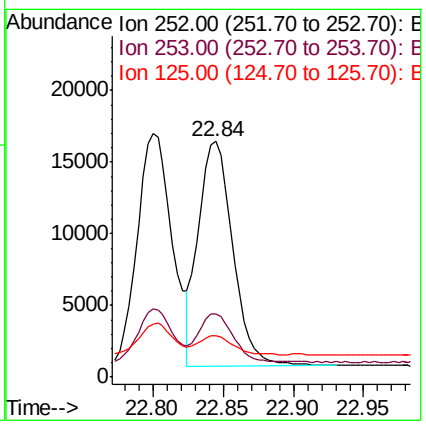


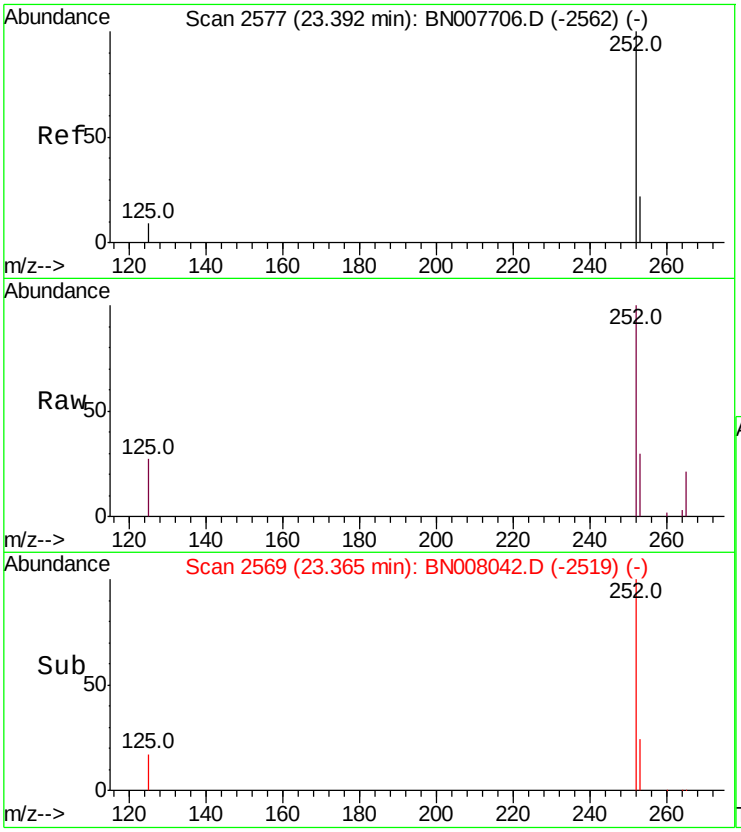


#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 22.84 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion:252 Resp: 26908

Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.5	27.7
125	17.4	8.4	12.6#



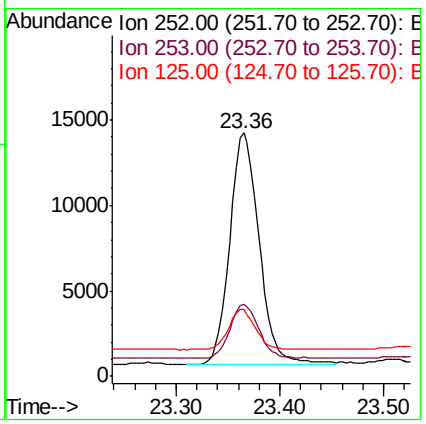


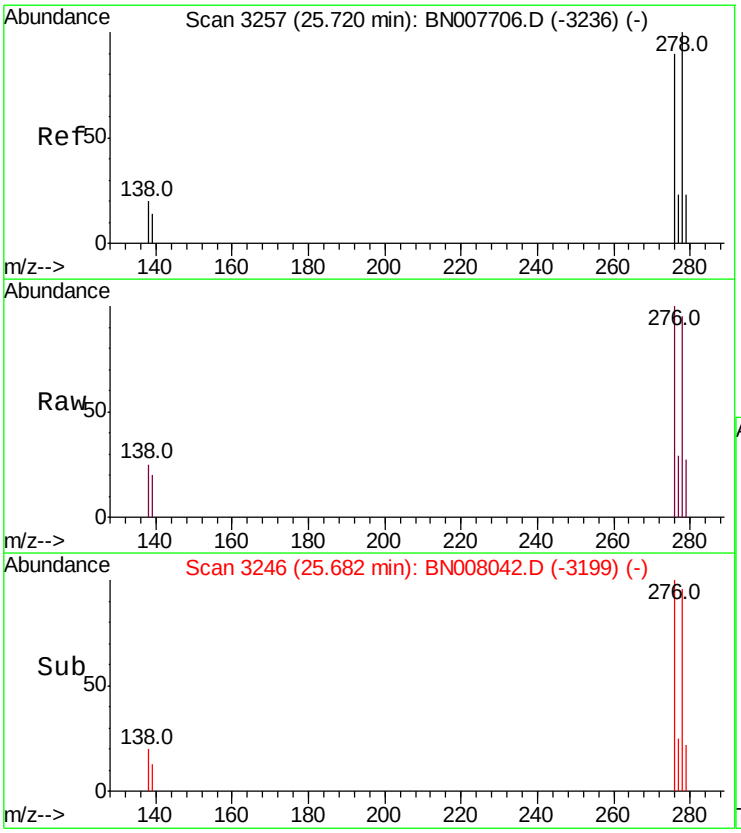
#37
Benzo(a)pyrene
Concen: 0.399 ng
RT: 23.36 min Scan# 2569
Delta R.T. -0.03 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 26725

Ion	Ratio	Lower	Upper
252	100		
253	29.8	18.6	27.8#
125	27.5	9.4	14.0#

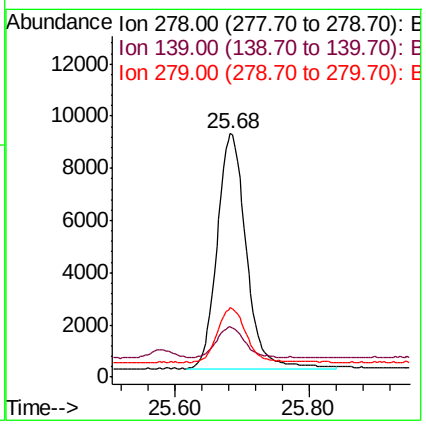


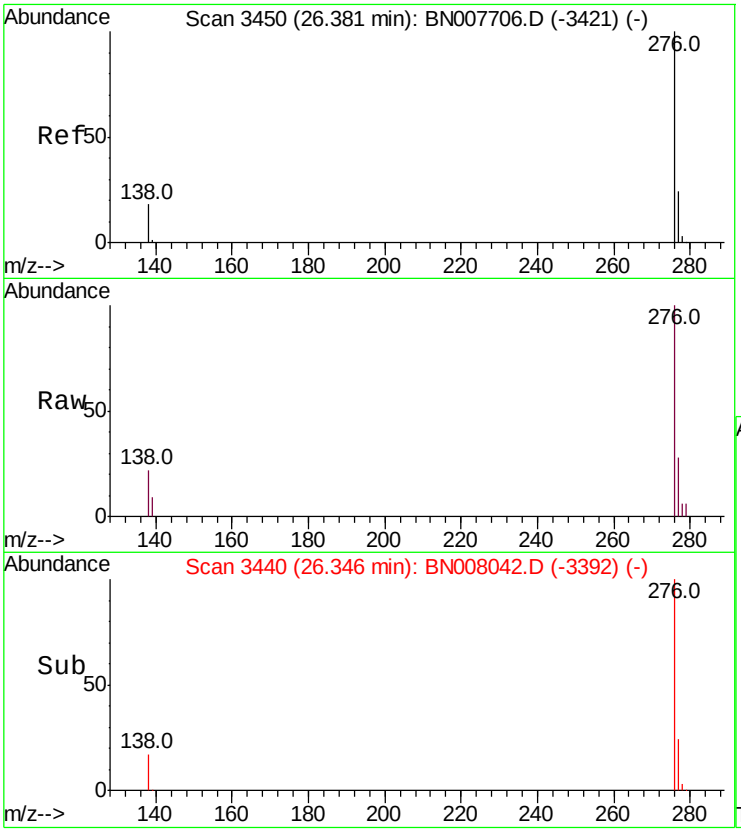


#38
Dibenzo(a,h)anthracene
Concen: 0.394 ng
RT: 25.68 min Scan# 3246
Delta R.T. -0.04 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion:278 Resp: 27003

Ion	Ratio	Lower	Upper
278	100		
139	20.6	11.8	17.6#
279	28.7	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.406 ng
RT: 26.35 min Scan# 3440
Delta R.T. -0.03 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 27519

Ion	Ratio	Lower	Upper
276	100		
277	27.8	19.8	29.8
138	21.9	15.1	22.7