Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082919\

Quantitation Report (Not Reviewed)

Data File : BN007518.D
Acq On : 30 Aug 2019 00:41
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Aug 30 02:02:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	6595	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	31769	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	18578	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	42551	0.40	ng		0.00
27) Chrysene-d12	21.02	240	40699	0.40	ng		0.00
34) Perylene-d12	23.11	264	35035	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	7744	0.33	ng		0.00
5) Phenol-d6	6.59	99	10695	0.36	ng		0.00
8) Nitrobenzene-d5	8.53	82	10402	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	21045	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	3865	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.65	172	29154	0.39	ng		0.00
25) Fluoranthene-d10	18.84	212	54235	0.40	ng		0.00
29) Terphenyl-d14	19.46	244	43010	0.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	3720	0.339	ng	#	80
3) n-Nitrosodimethylamine	3.33	42	1267	0.249	ng	#	61
6) bis(2-Chloroethyl)ether	6.83	93	9399	0.395	ng		99
9) Naphthalene	10.20	128	38052	0.419	ng	#	89
10) Hexachlorobutadiene	10.51	225	6697	0.360	ng	#	99
12) 2-Methylnaphthalene	11.83	142	25142	0.407	ng		94
16) Acenaphthylene	13.76	152	40204	0.366	ng		99
17) Acenaphthene	14.10	154	24941	0.388	ng		98
18) Fluorene	15.10	166	31830	0.391	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	4574	0.273	ng	#	91
21) Hexachlorobenzene	16.11	284	11765	0.413	ng		95
22) Pentachlorophenol	16.46	266	2907	0.328	ng	#	61
23) Phenanthrene	16.84	178	52235	0.408	ng		99
24) Anthracene	16.92	178	48963	0.380	ng		99
26) Fluoranthene	18.87	202	65153	0.396	ng		98
28) Pyrene	19.23	202	67611	0.413	ng		99
30) Benzo(a)anthracene	20.99	228	62476	0.391	ng		99
31) Chrysene	21.05	228	59020	0.383	ng		99
32) Bis(2-ethylhexyl)phthalate	20.96	149	43232	0.399	ng		99
33) Indeno(1,2,3-cd)pyrene	25.18	276	48348	0.260	ng		96
35) Benzo(b)fluoranthene	22.50	252	50760	0.400	ng		99
36) Benzo(k)fluoranthene	22.54	252	52411	0.418	ng		99
37) Benzo(a)pyrene	23.02	252	45979	0.381	ng		99
38) Dibenzo(a,h)anthracene	25.19	278	38504	0.319	ng		97
39) Benzo(g,h,i)perylene	25.80	276	39194	0.326	ng		98

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

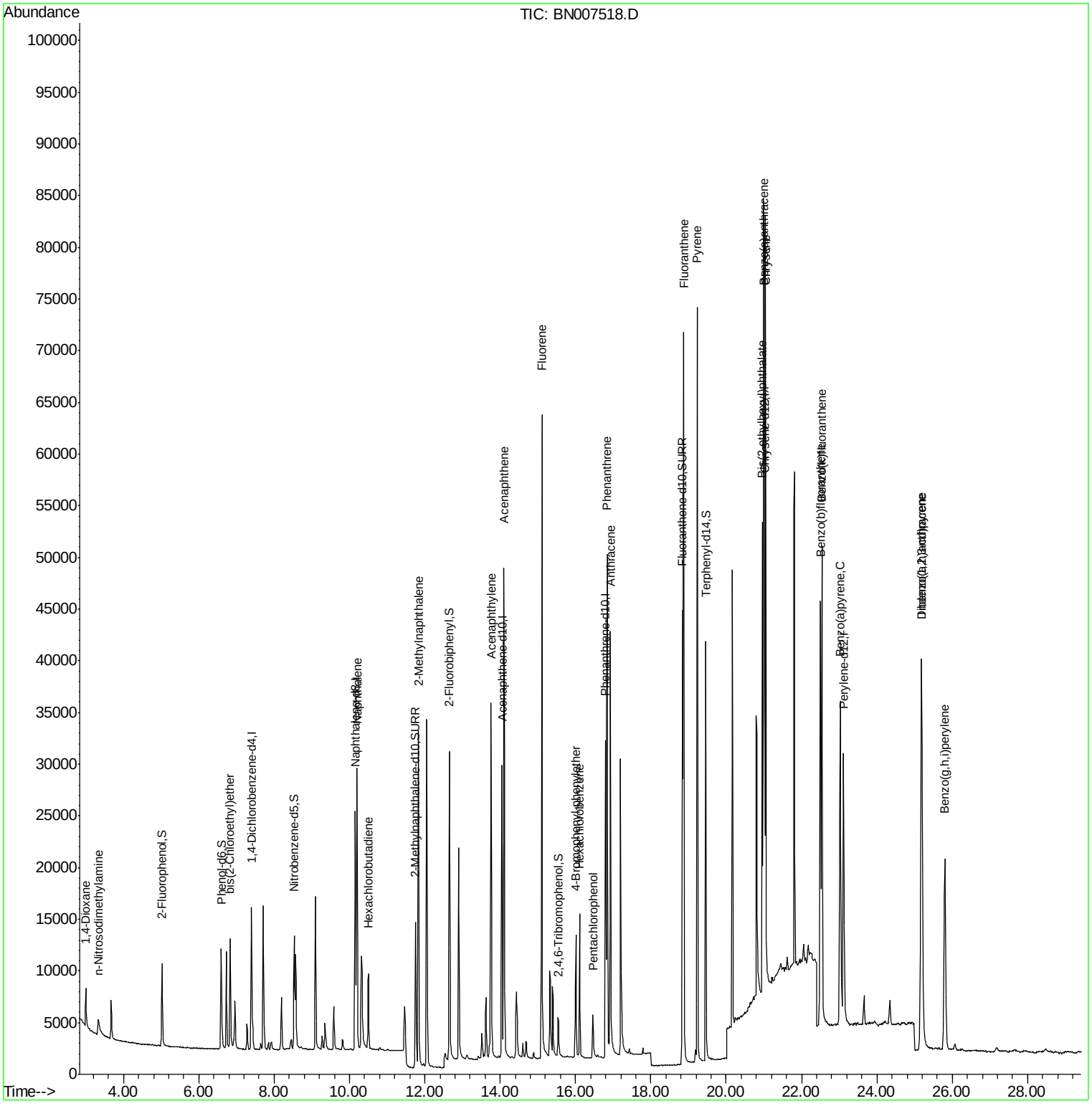
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082919\

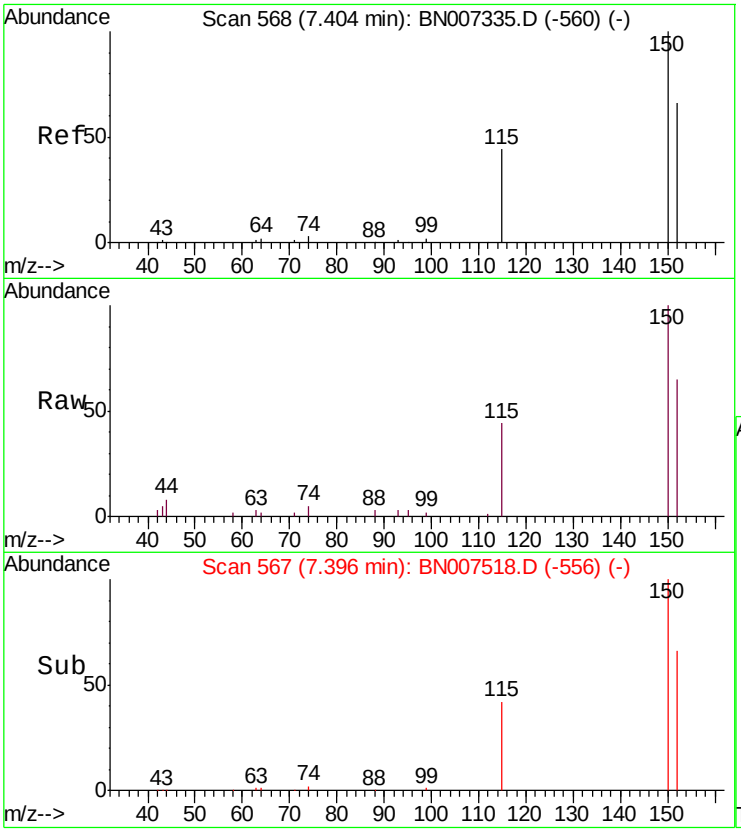
Quantitation Report (Not Reviewed)

Data File : BN007518.D
Acq On : 30 Aug 2019 00:41
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 30 02:02:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration



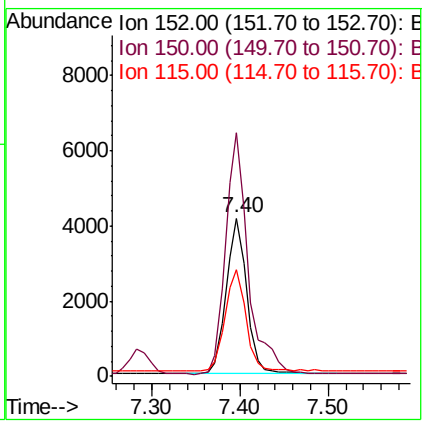


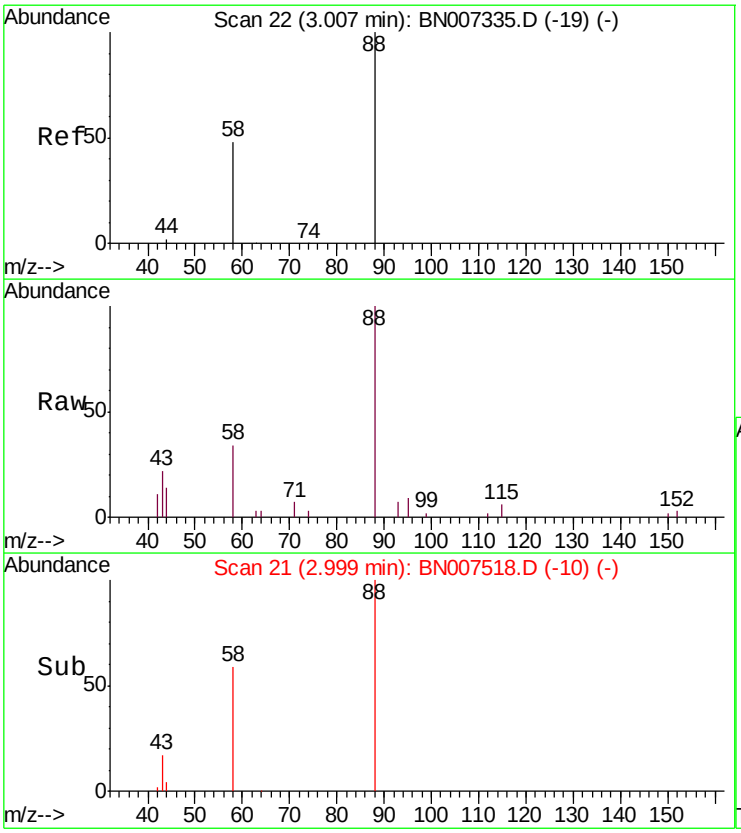
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6595

Ion	Ratio	Lower	Upper
152	100		
150	153.7	109.1	163.7
115	67.0	59.6	89.4

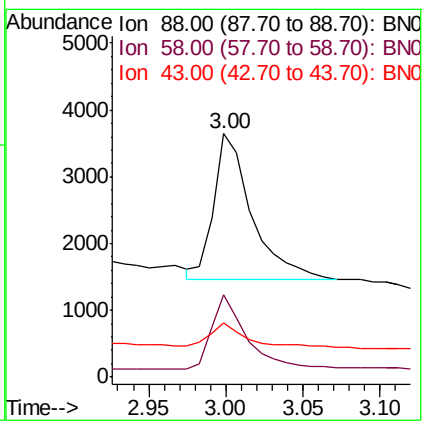


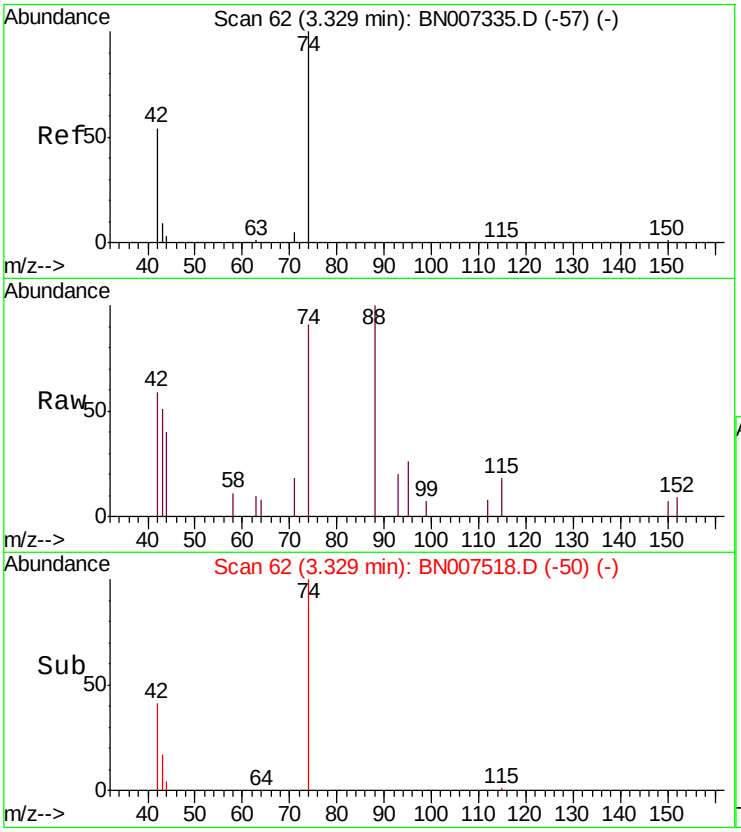


#2
1,4-Dioxane
Concen: 0.339 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion: 88 Resp: 3720

Ion	Ratio	Lower	Upper
88	100		
58	47.3	50.5	75.7#
43	16.6	0.0	0.0#



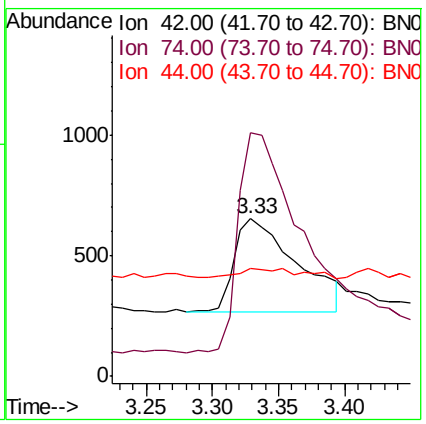


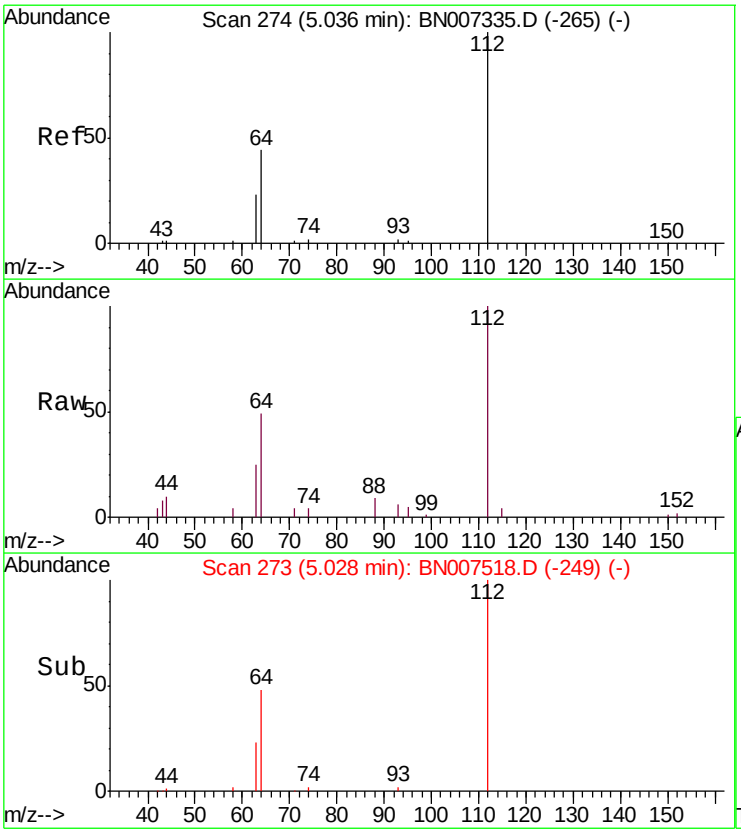
#3
n-Nitrosodimethylamine
Concen: 0.249 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.00 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1267

Ion	Ratio	Lower	Upper
42	100		
74	236.5	144.7	217.1#
44	0.0	3.2	4.8#

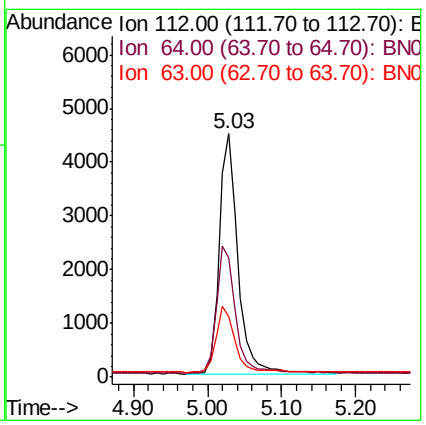


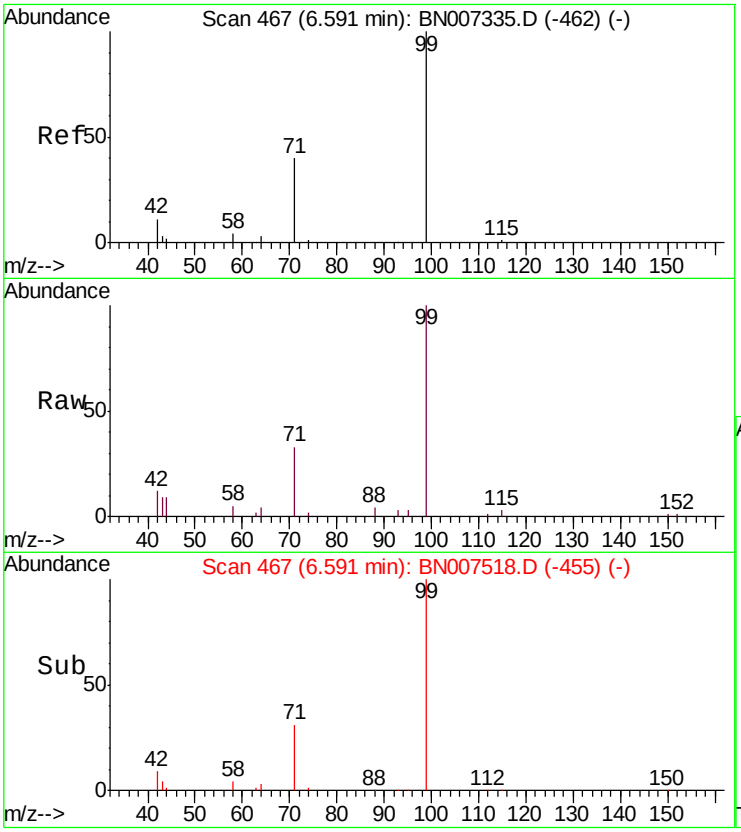


#4
2-Fluorophenol
Concen: 0.334 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion:112 Resp: 7744

Ion	Ratio	Lower	Upper
112	100		
64	54.4	42.3	63.5
63	27.9	23.6	35.4



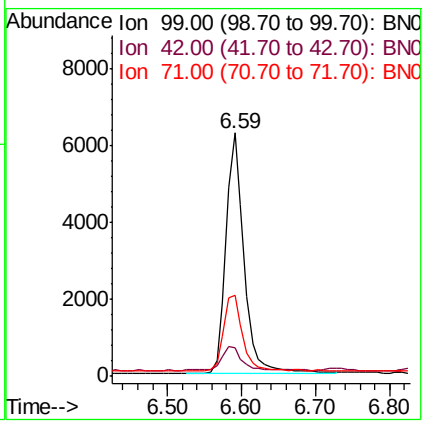


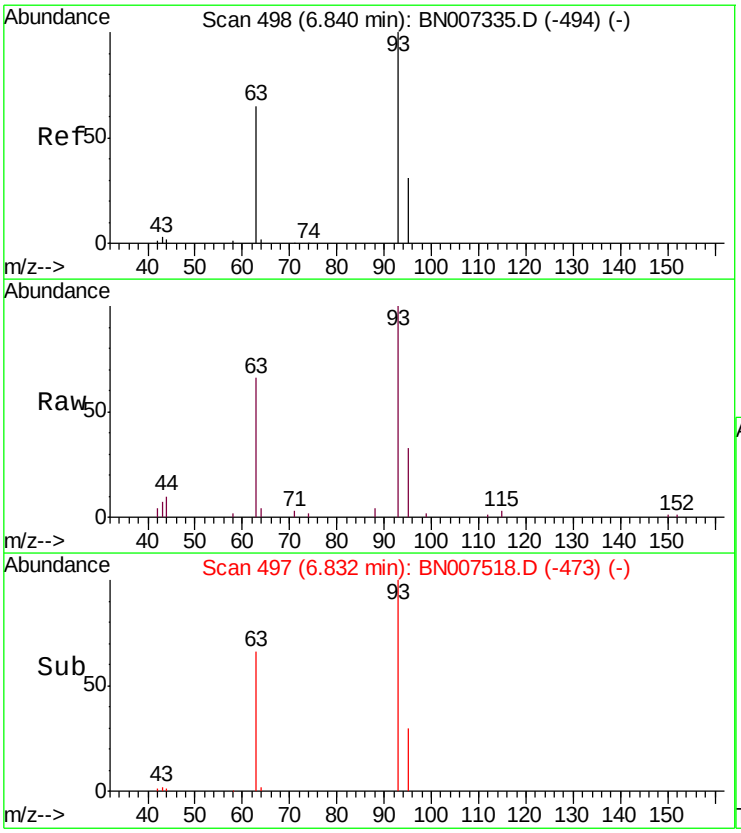
#5
Phenol-d6
Concen: 0.365 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 10695

Ion	Ratio	Lower	Upper
99	100		
42	11.9	11.2	16.8
71	34.1	31.8	47.8

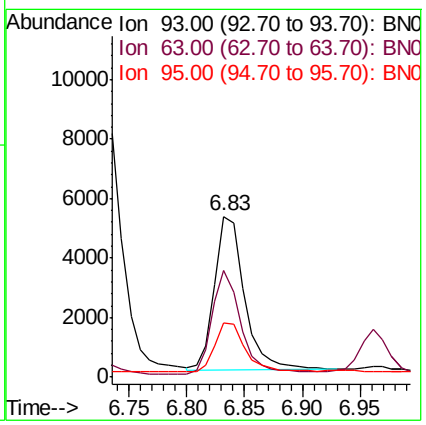


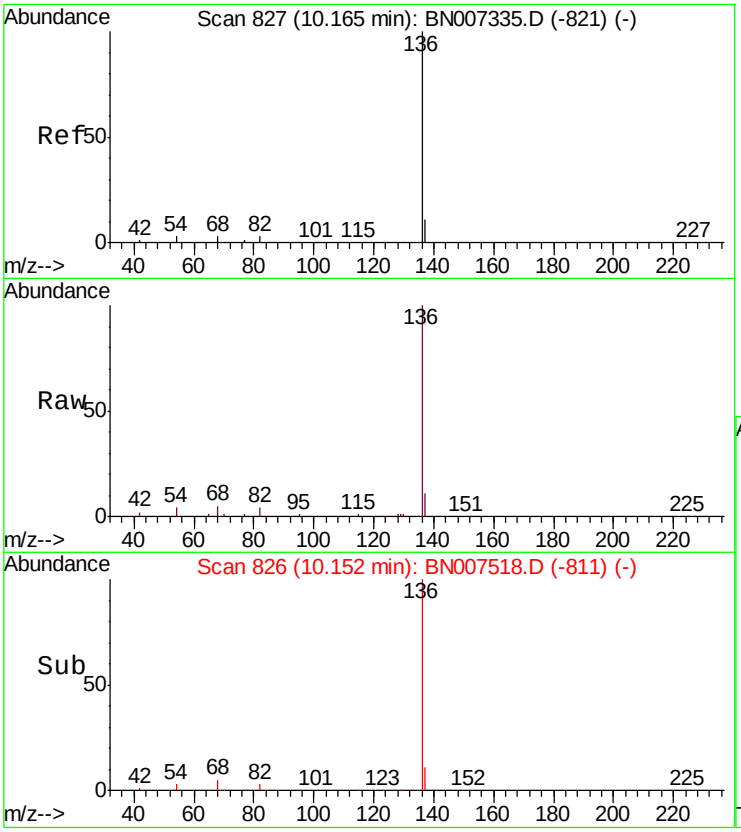


#6
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 6.83 min Scan# 497
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion: 93 Resp: 9399

Ion	Ratio	Lower	Upper
93	100		
63	64.9	51.9	77.9
95	32.2	27.7	41.5



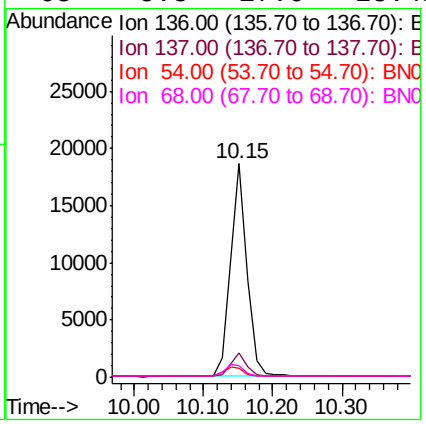


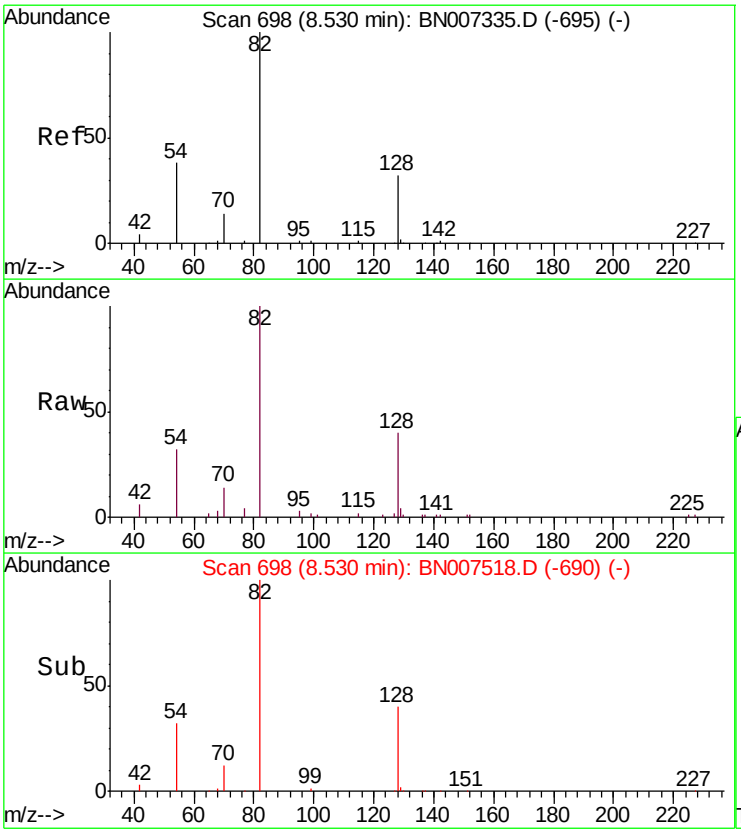
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 31769

Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	3.9	8.6	12.8#
68	5.3	17.0	25.4#

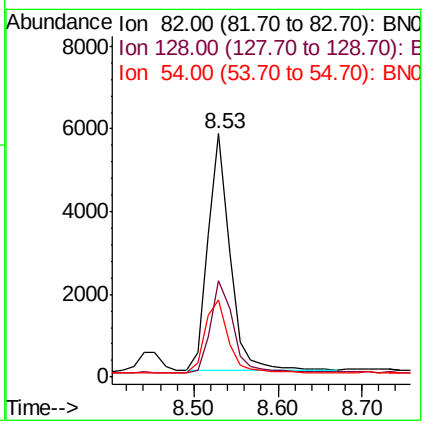


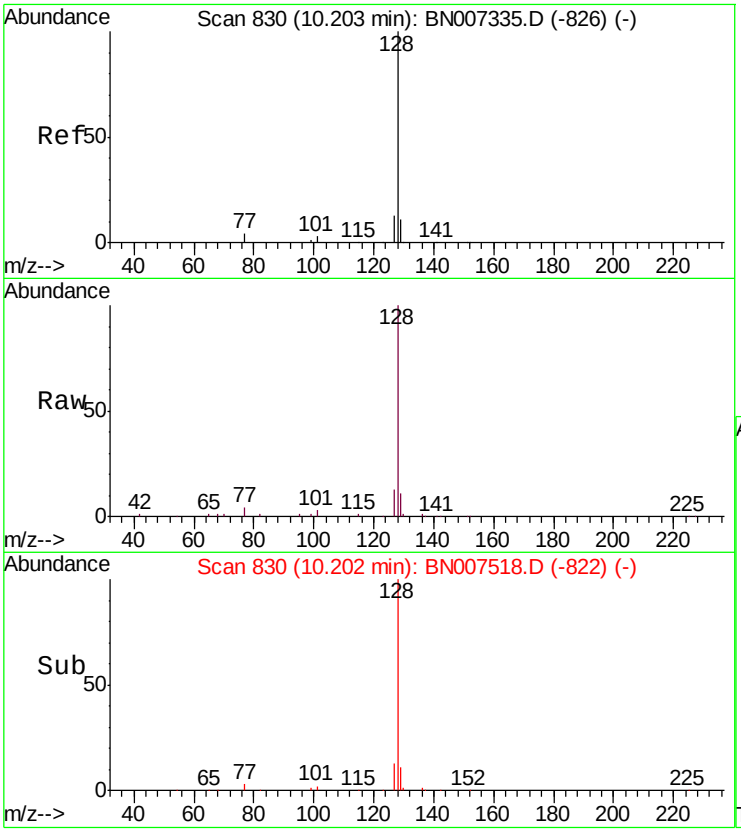


#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion: 82 Resp: 10402

Ion	Ratio	Lower	Upper
82	100		
128	39.7	19.7	29.5#
54	31.9	25.8	38.6



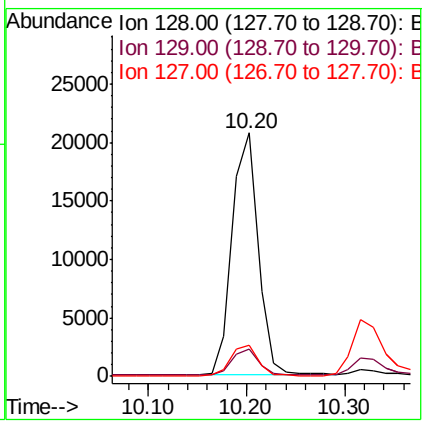


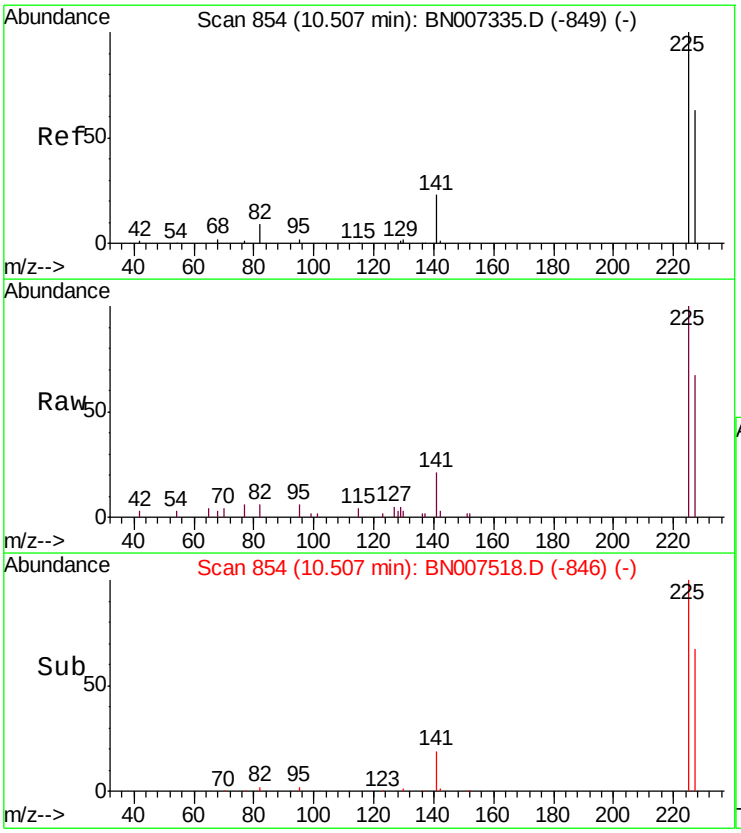
#9
Naphthalene
Concen: 0.419 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 38052

Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.1	16.7
127	12.9	15.5	23.3#

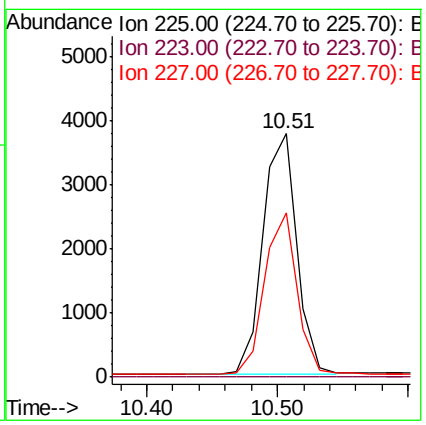


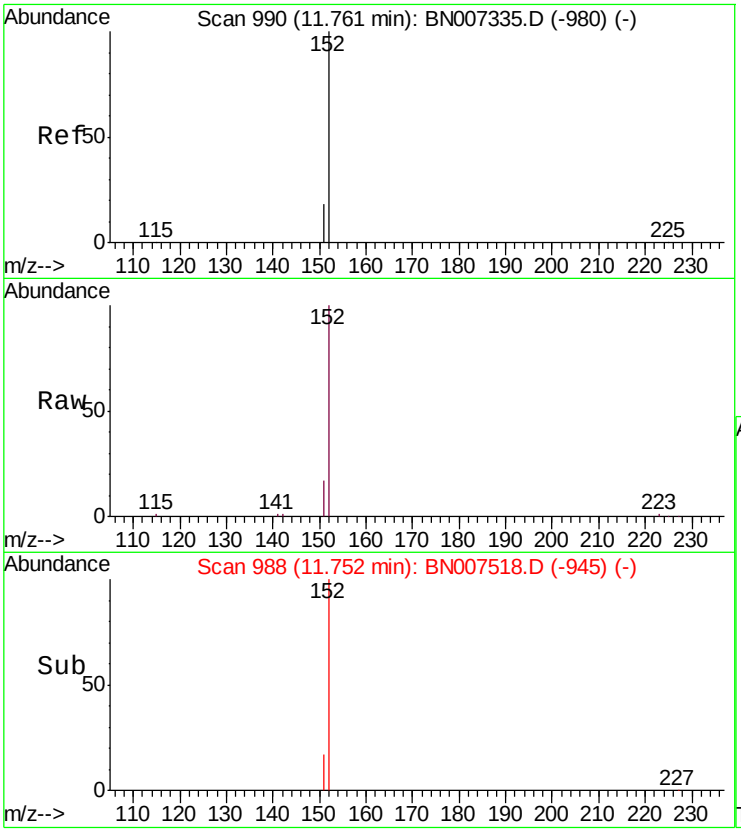


#10
Hexachlorobutadiene
Concen: 0.360 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion:225 Resp: 6697

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.7	76.1



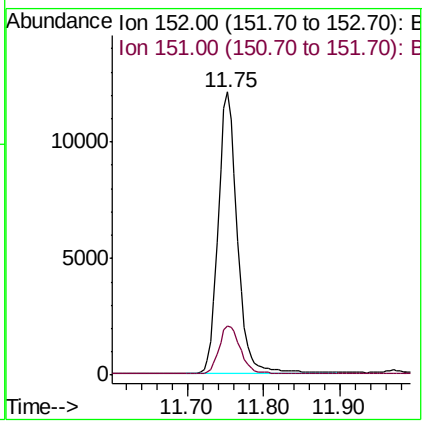


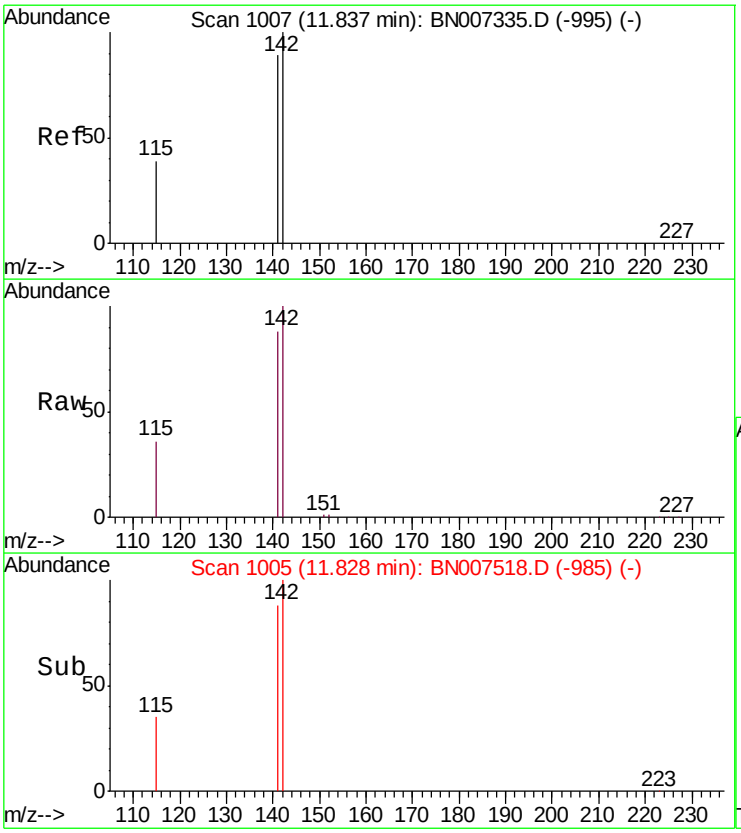
#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 11.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 21045

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2

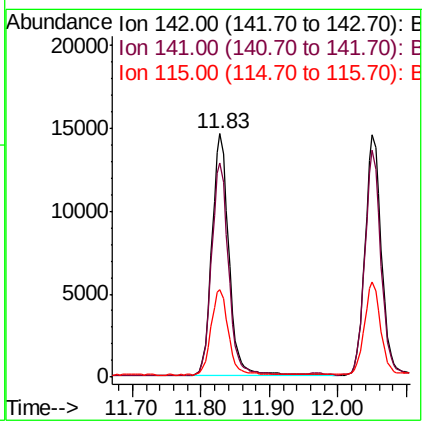


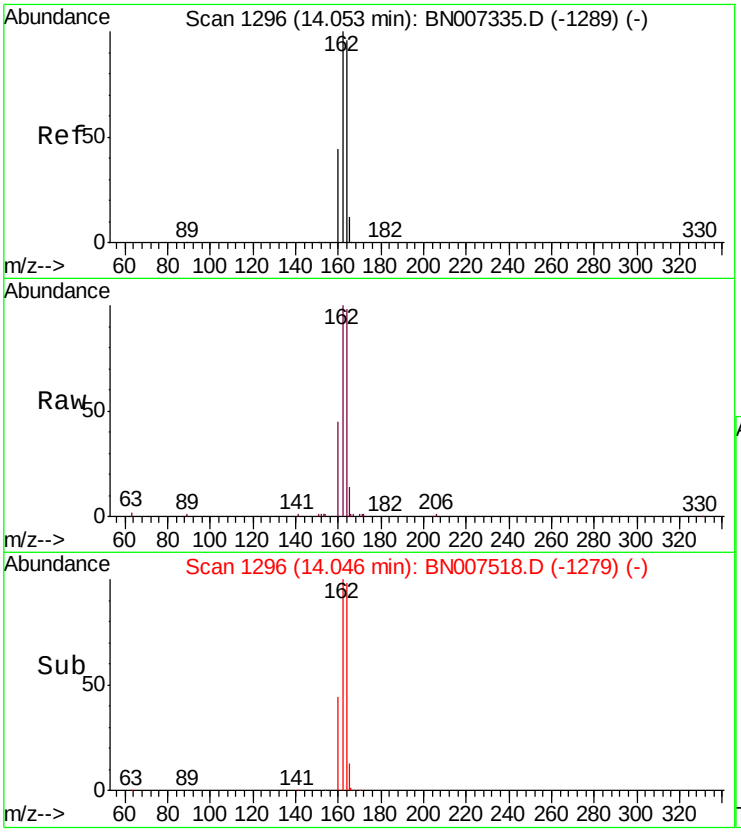


#12
2-Methylnaphthalene
Concen: 0.407 ng
RT: 11.83 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion:142 Resp: 25142

Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.8	109.2
115	35.8	35.2	52.8



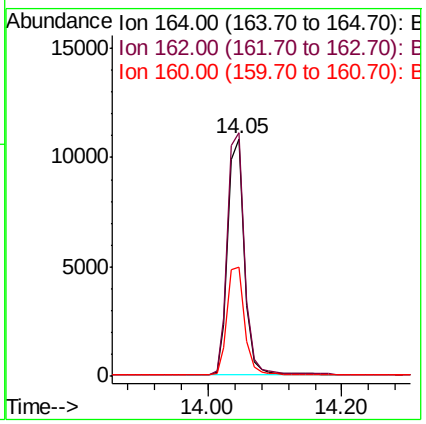


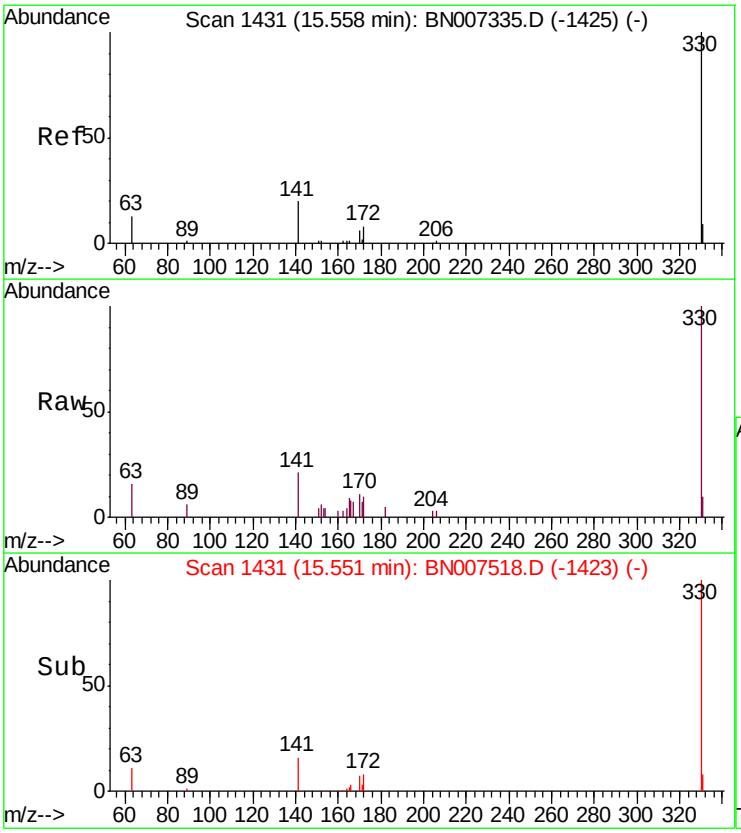
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 18578

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.5	125.3
160	45.7	38.2	57.4

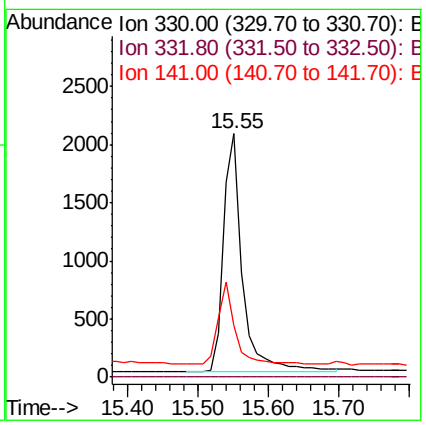


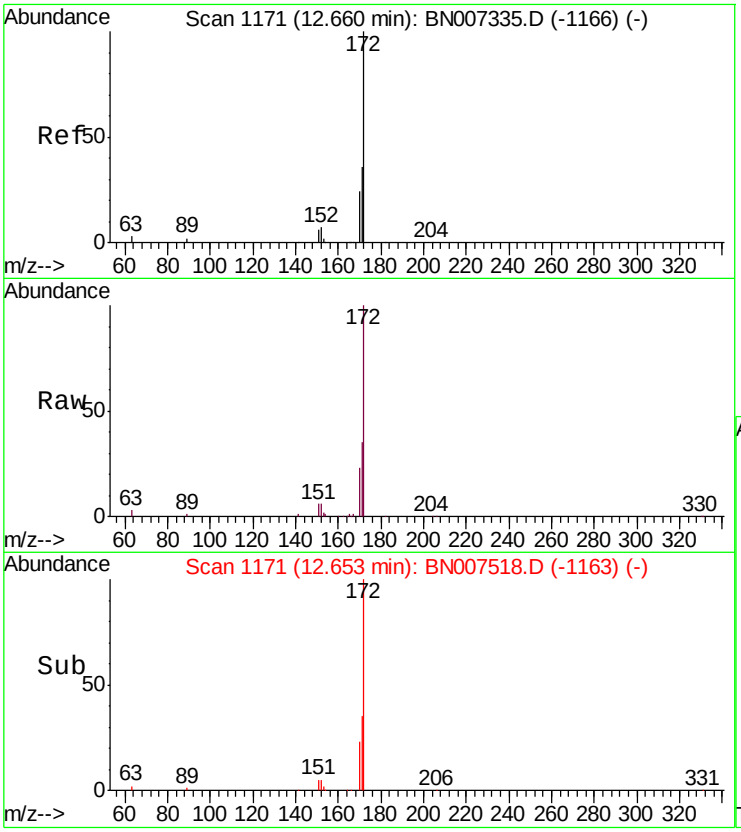


#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion:330 Resp: 3865

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.7	26.9	40.3



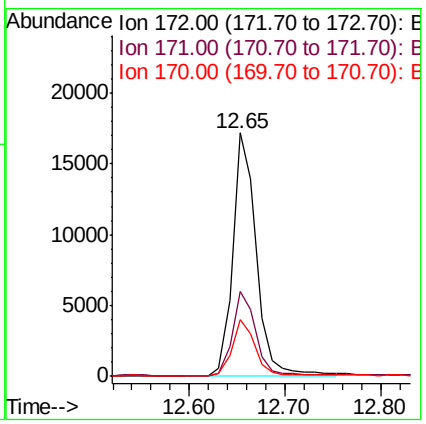


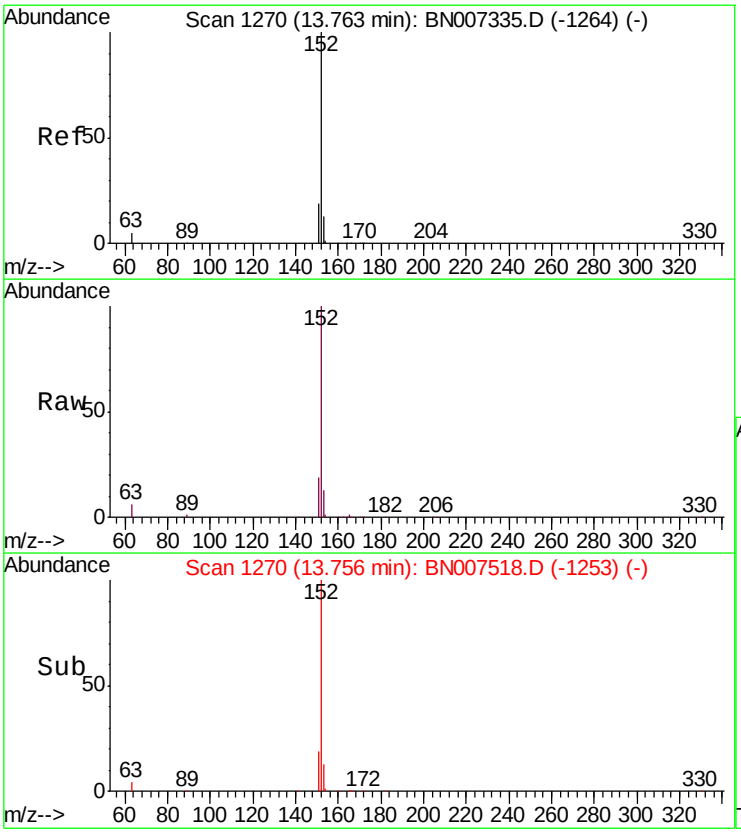
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 29154

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.3	45.5
170	23.2	20.7	31.1

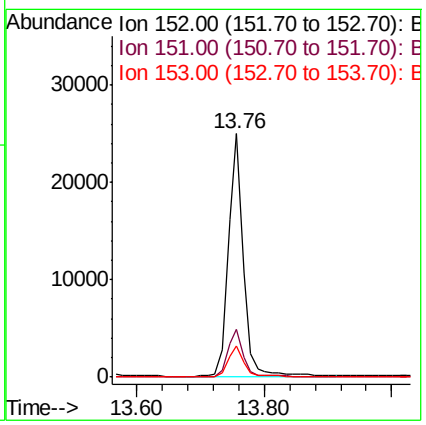


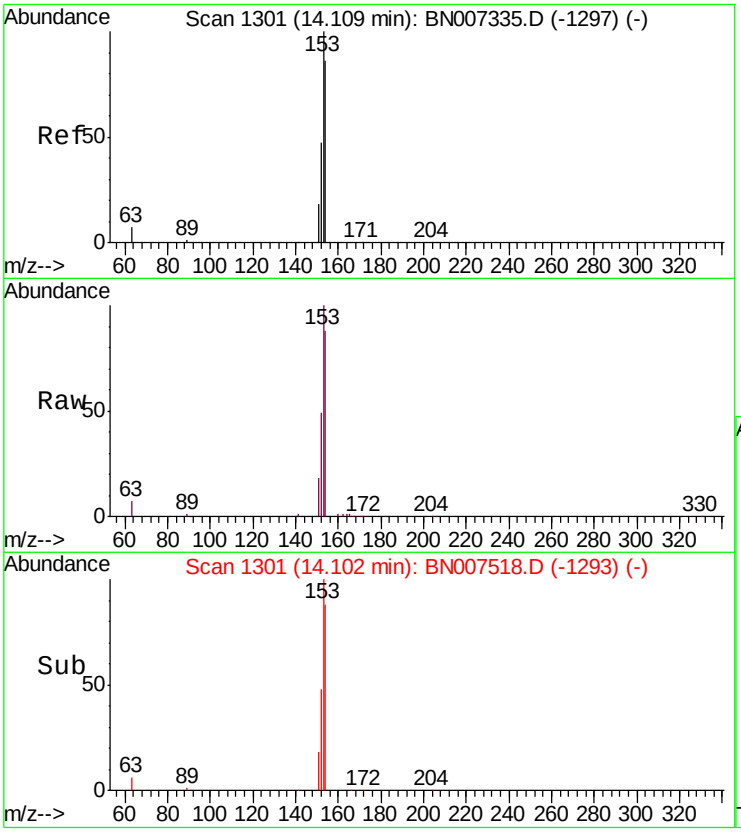


#16
Acenaphthylene
Concen: 0.366 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion:152 Resp: 40204

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	12.9	10.6	15.8



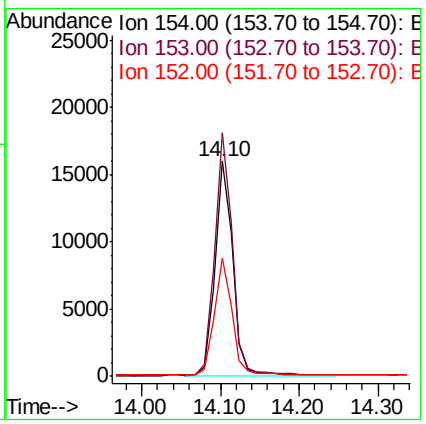


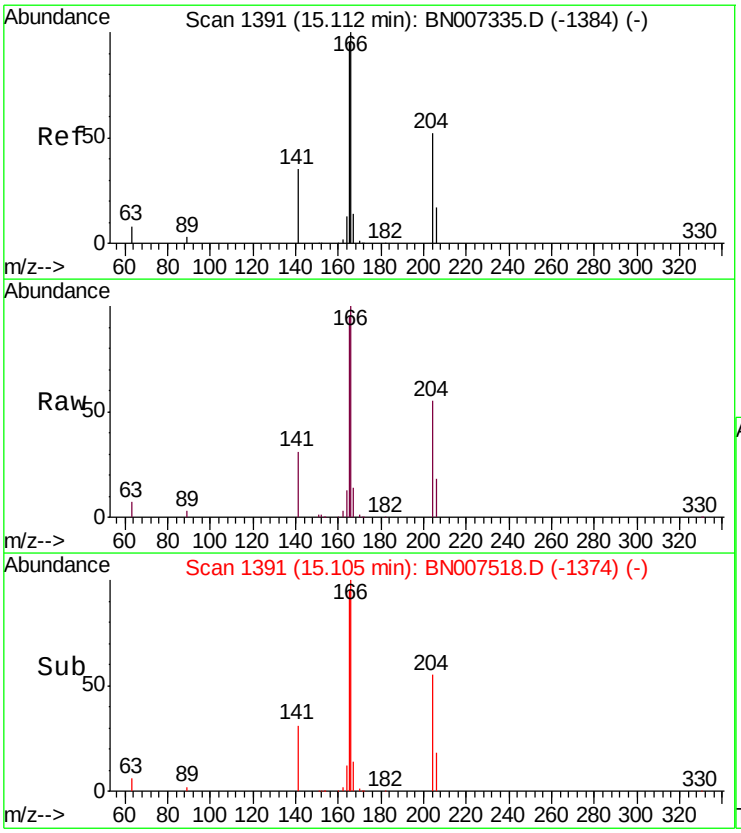
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 24941

Ion	Ratio	Lower	Upper
154	100		
153	113.0	92.8	139.2
152	53.8	43.8	65.8

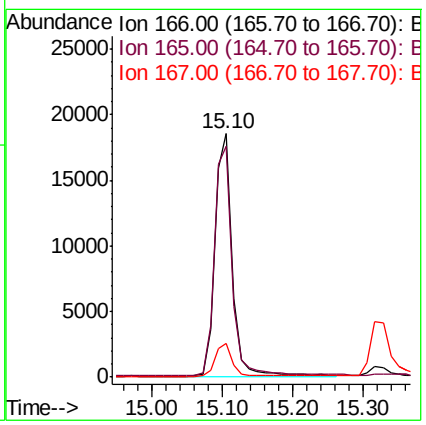


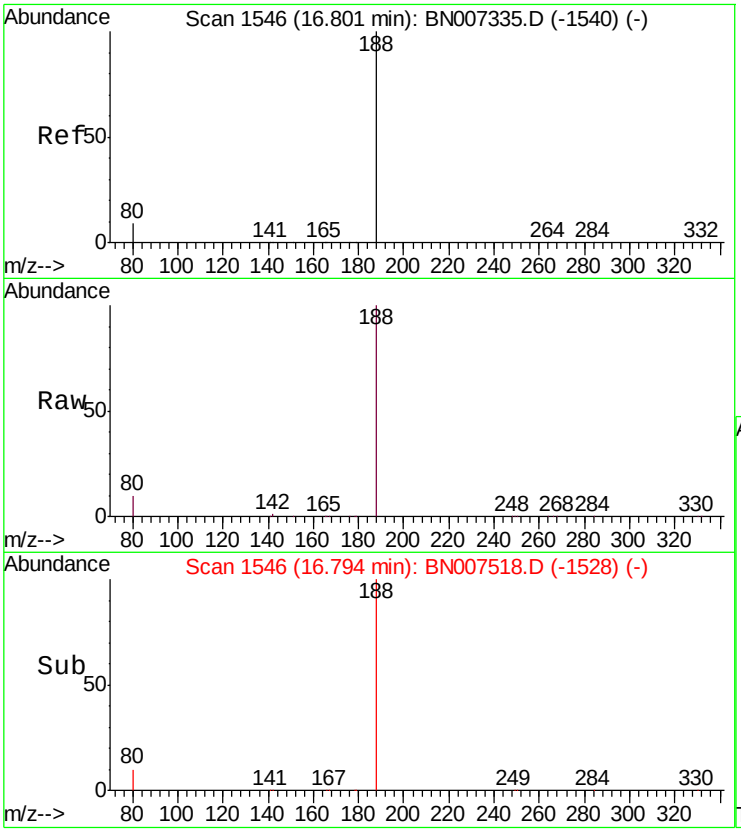


#18
Fluorene
Concen: 0.391 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion:166 Resp: 31830

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.0	118.4
167	13.3	10.6	15.8



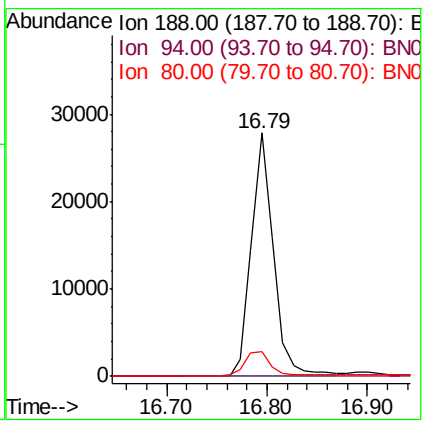


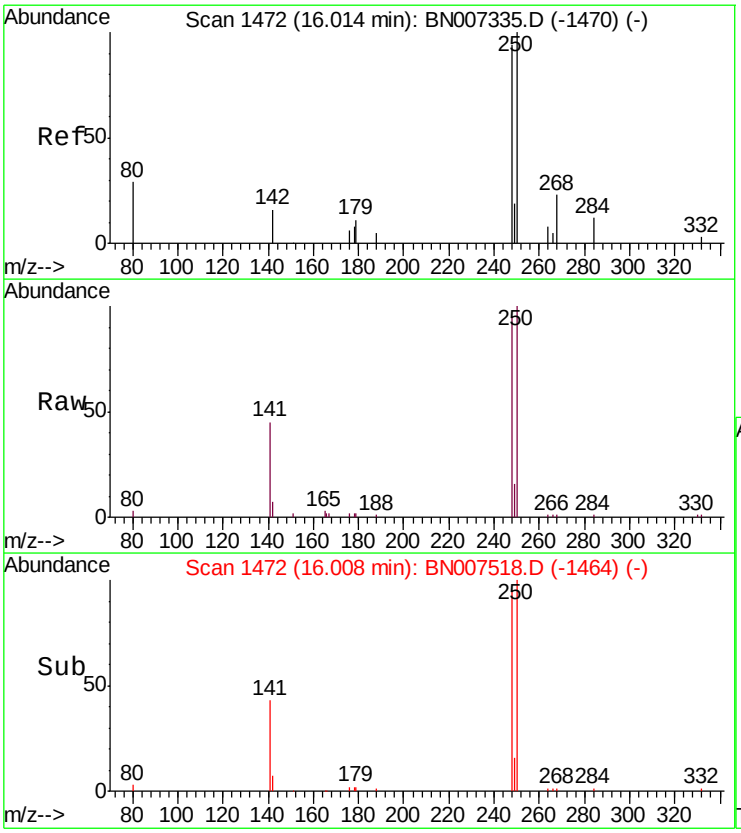
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 42551

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	11.8	17.8#

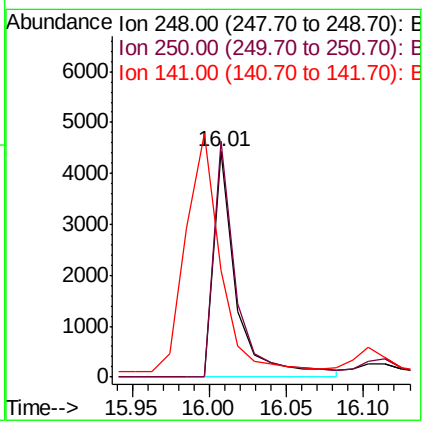


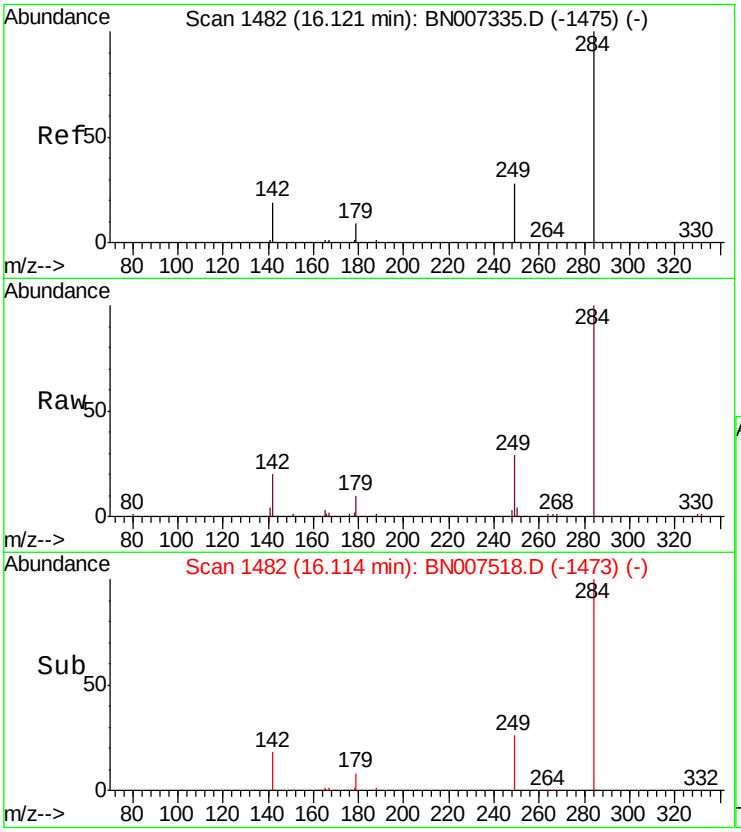


#20
4-Bromophenyl-phenylether
Concen: 0.273 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion:248 Resp: 4574

Ion	Ratio	Lower	Upper
248	100		
250	104.9	85.0	127.6
141	47.5	51.7	77.5#



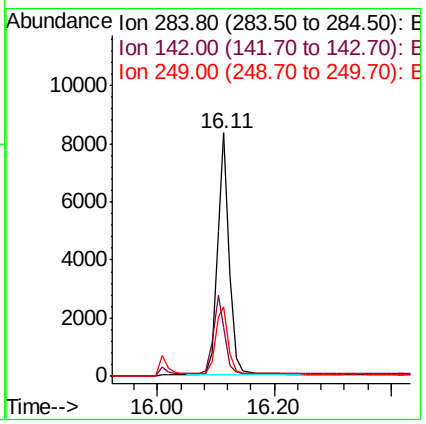


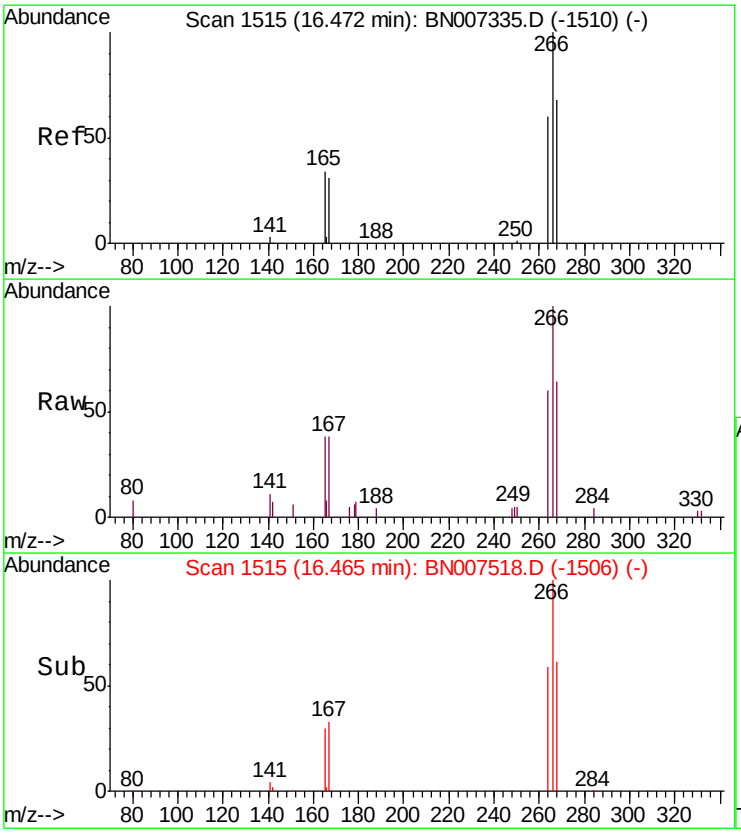
#21
Hexachlorobenzene
Concen: 0.413 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 11765

Ion	Ratio	Lower	Upper
284	100		
142	32.3	29.0	43.6
249	30.0	24.9	37.3

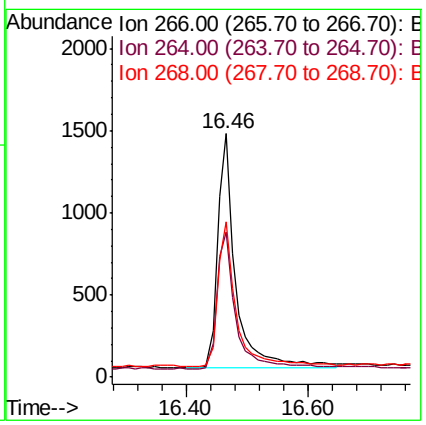


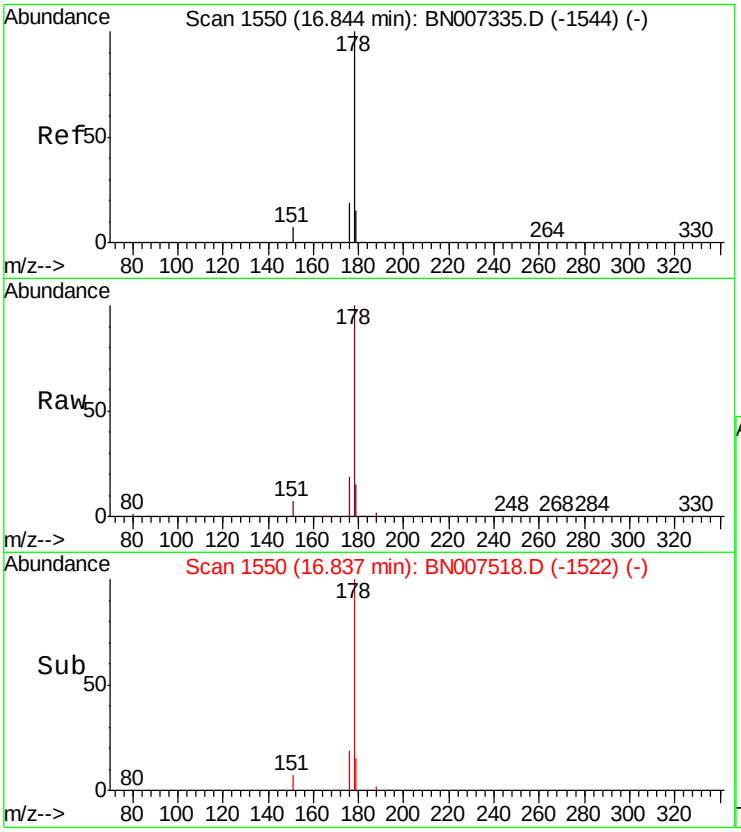


#22
Pentachlorophenol
Concen: 0.328 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion:266 Resp: 2907

Ion	Ratio	Lower	Upper
266	100		
264	59.7	57.8	86.8
268	63.6	99.7	149.5#



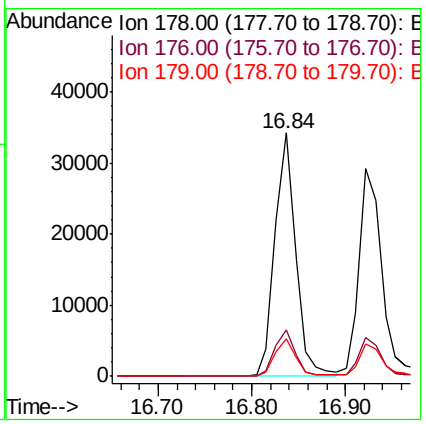


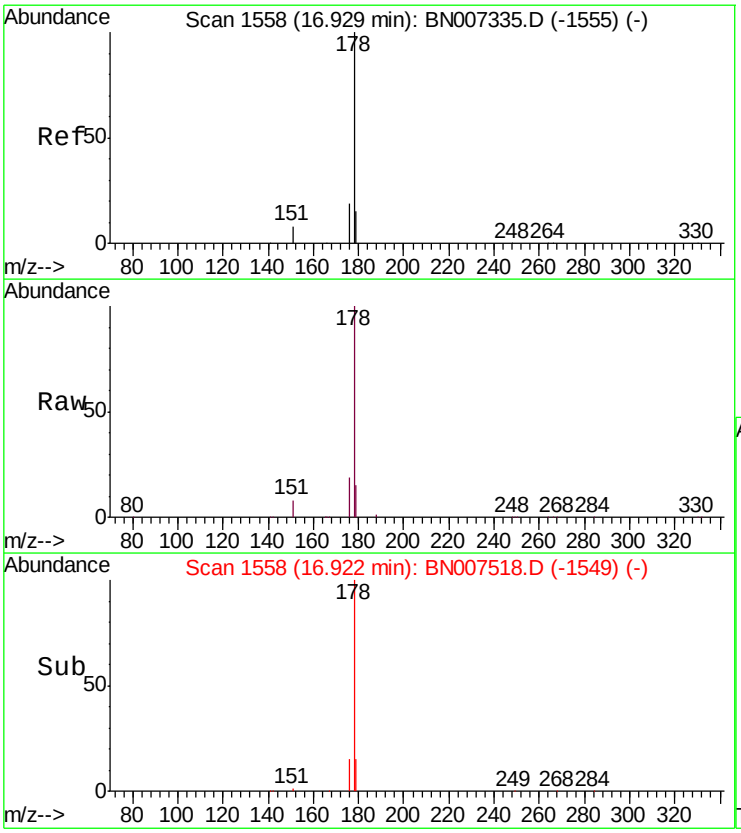
#23
Phenanthrene
Concen: 0.408 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 52235

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.5	12.6	19.0

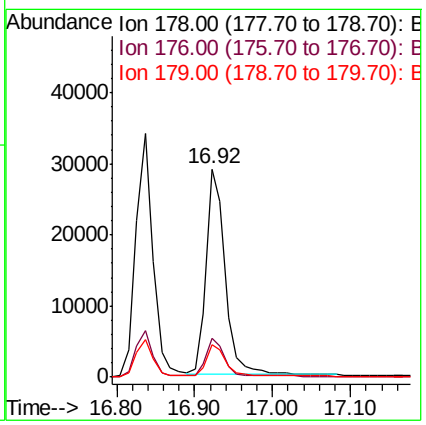


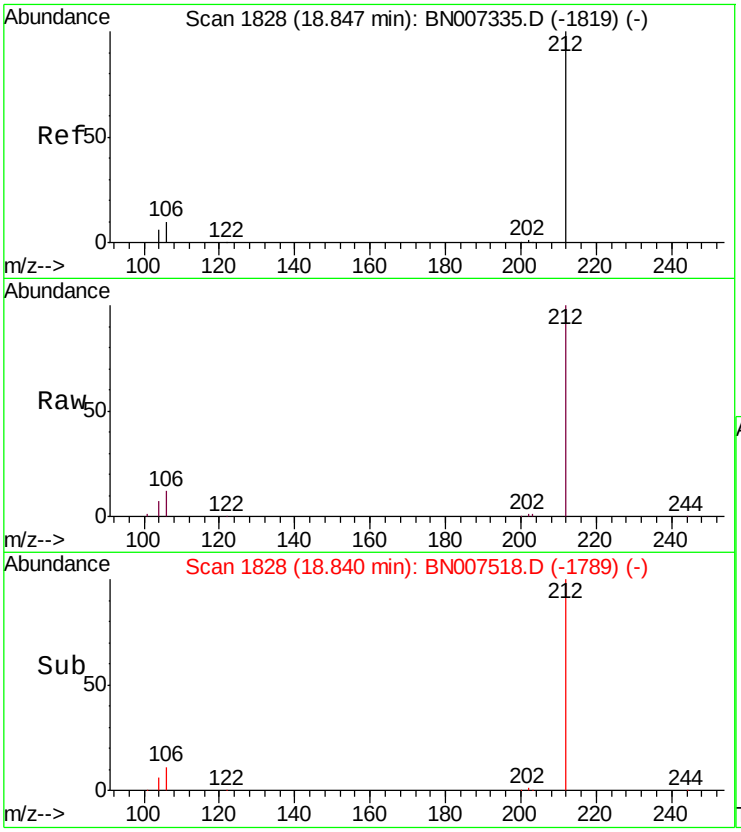


#24
Anthracene
Concen: 0.380 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion:178 Resp: 48963

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.9	22.3
179	15.4	12.4	18.6



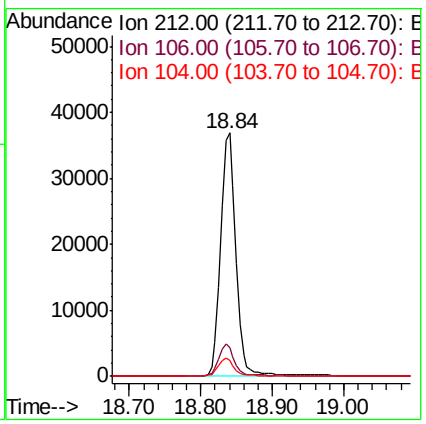


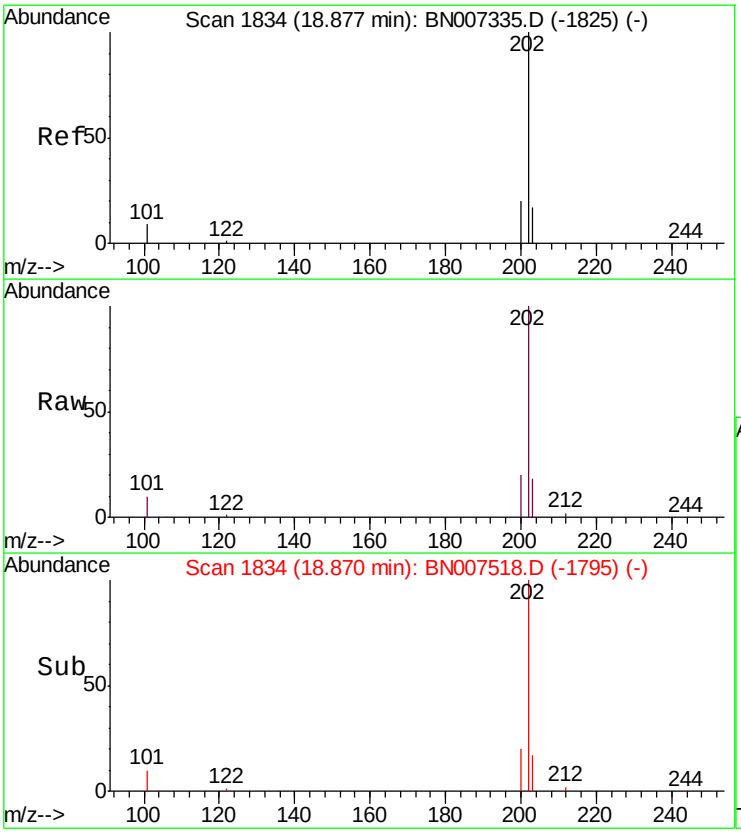
#25
Fluoranthene-d10
Concen: 0.396 ng
RT: 18.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 54235

Ion	Ratio	Lower	Upper
212	100		
106	12.5	9.0	13.4
104	7.2	5.4	8.2

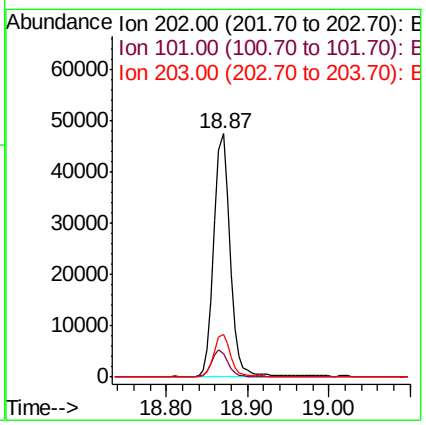


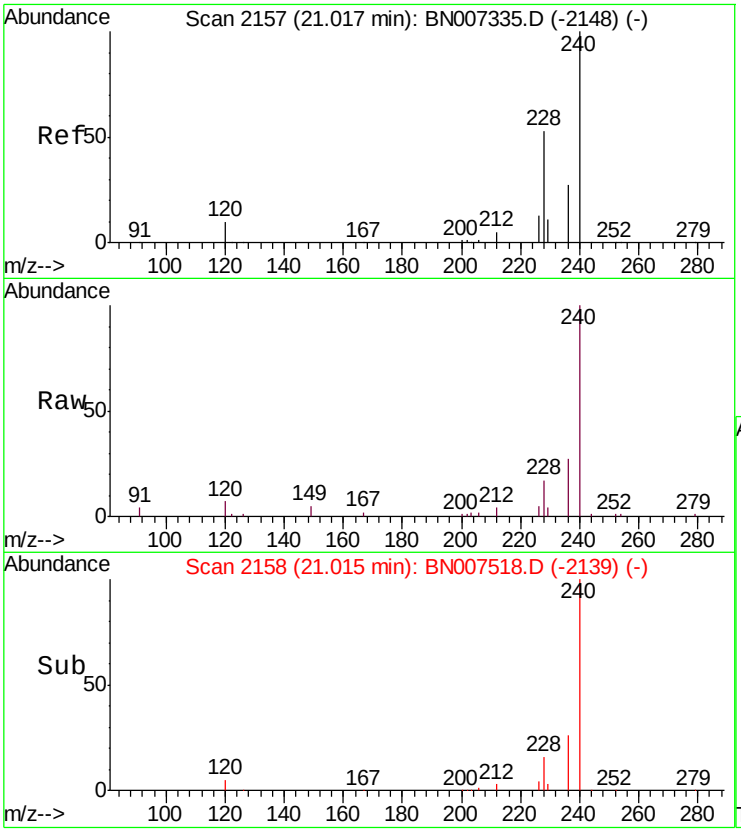


#26
Fluoranthene
Concen: 0.396 ng
RT: 18.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion:202 Resp: 65153

Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.7	11.5
203	17.3	13.7	20.5



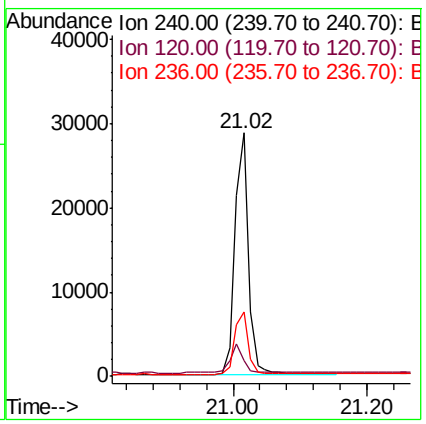


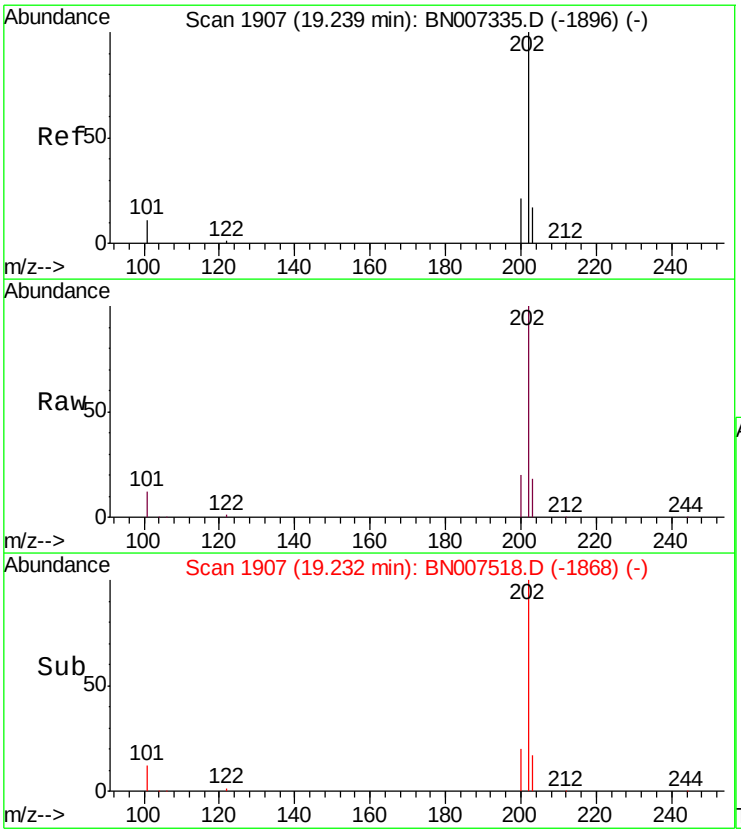
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 40699

Ion	Ratio	Lower	Upper
240	100		
120	6.6	9.6	14.4#
236	26.5	22.2	33.2

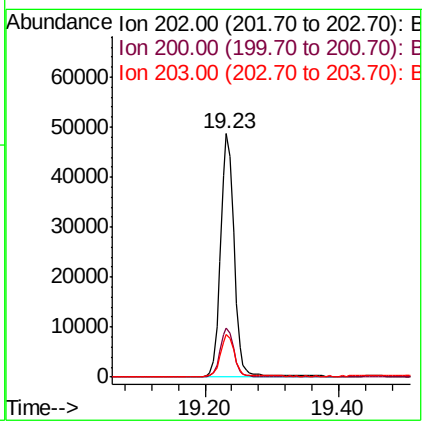


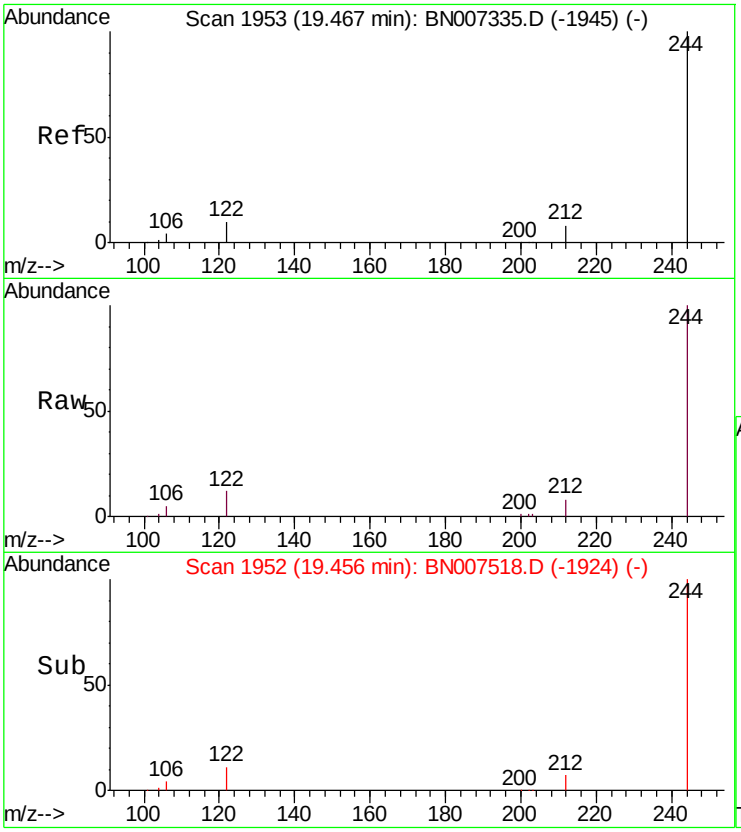


#28
Pyrene
Concen: 0.413 ng
RT: 19.23 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion:202 Resp: 67611

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	25.0
203	17.5	14.2	21.4



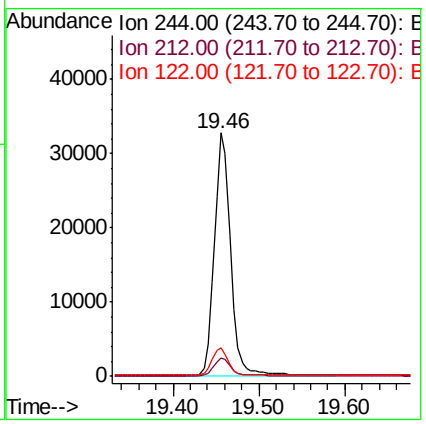


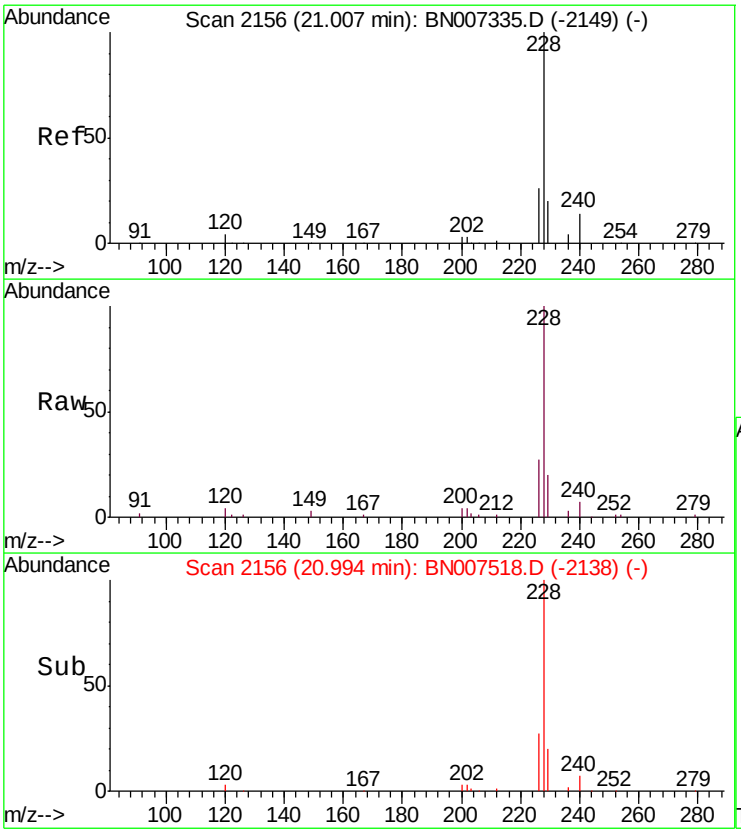
#29
Terphenyl-d14
Concen: 0.404 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 43010

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.0	10.6
122	11.5	9.6	14.4

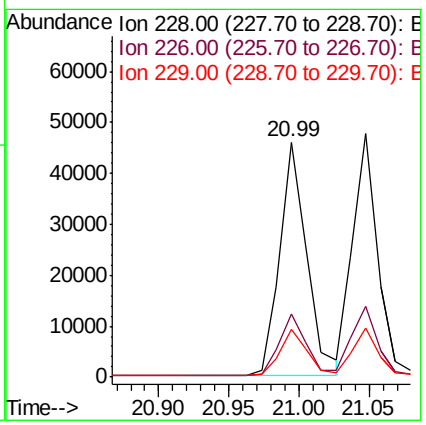


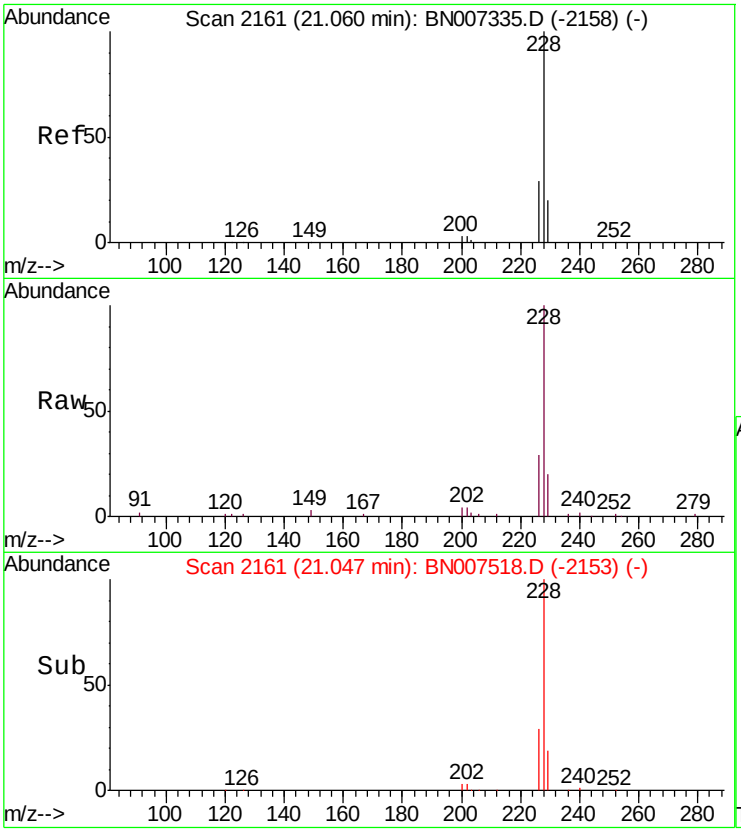


#30
Benzo(a)anthracene
Concen: 0.391 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion:228 Resp: 62476

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.3	31.9
229	20.1	16.1	24.1



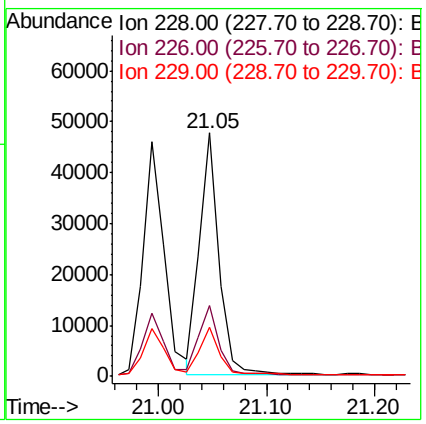


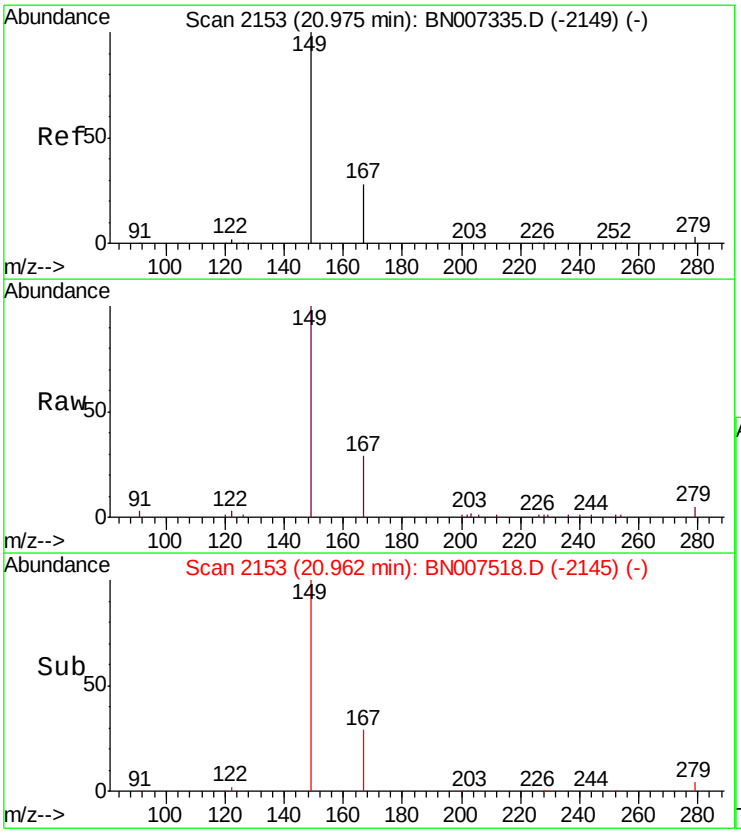
#31
Chrysene
Concen: 0.383 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 59020

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.5	35.3
229	20.1	16.6	24.8

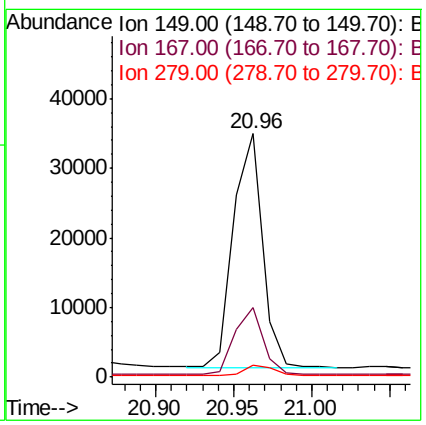


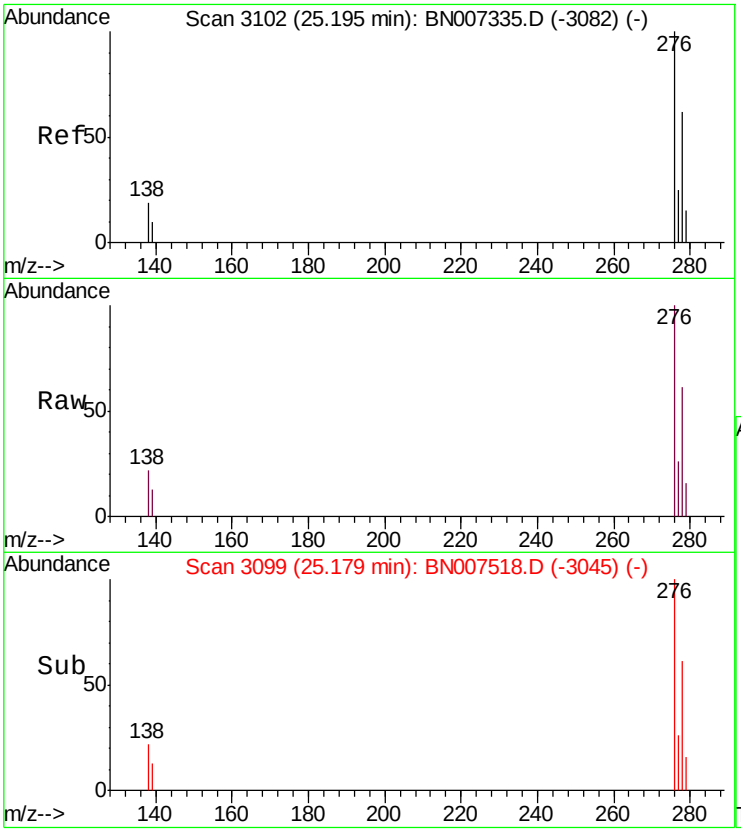


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.399 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion:149 Resp: 43232

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.8	34.2
279	4.4	3.5	5.3



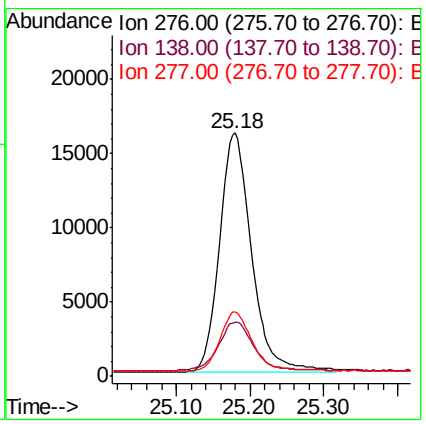


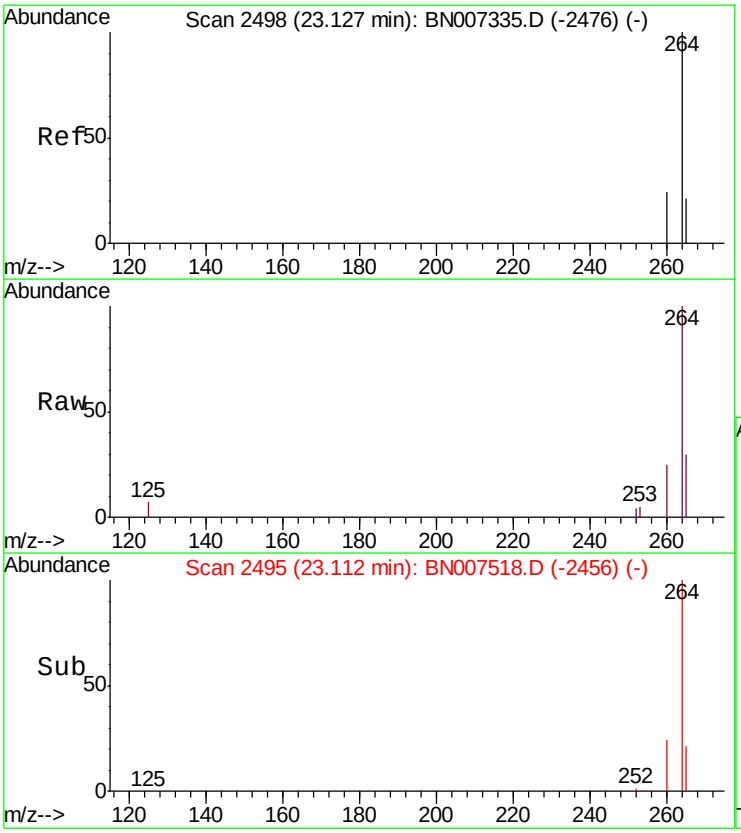
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.260 ng
RT: 25.18 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 48348

Ion	Ratio	Lower	Upper
276	100		
138	21.5	15.1	22.7
277	23.2	19.7	29.5

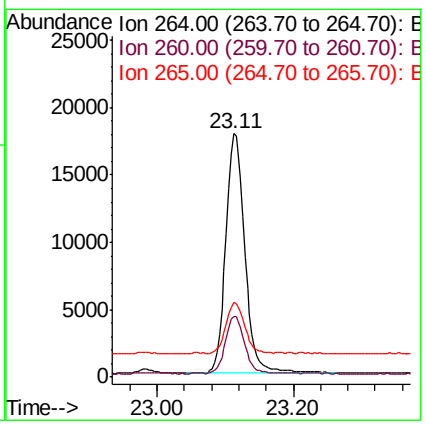


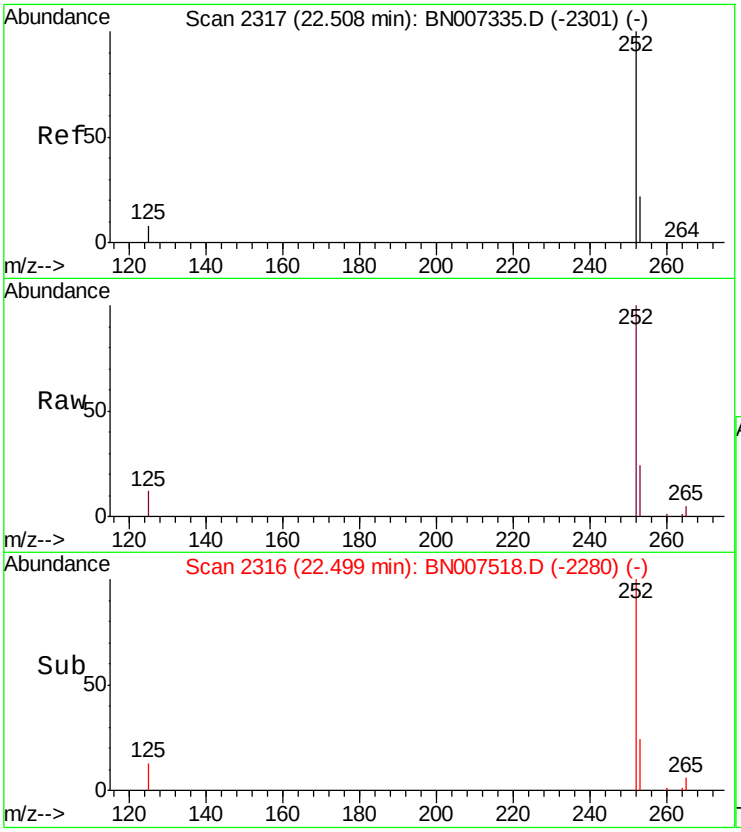


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2495
Delta R.T. -0.02 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion:264 Resp: 35035

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	30.5	29.9	44.9



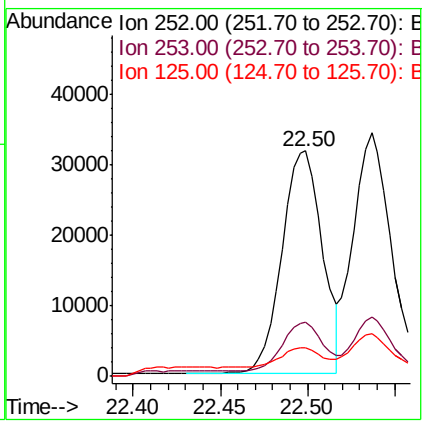


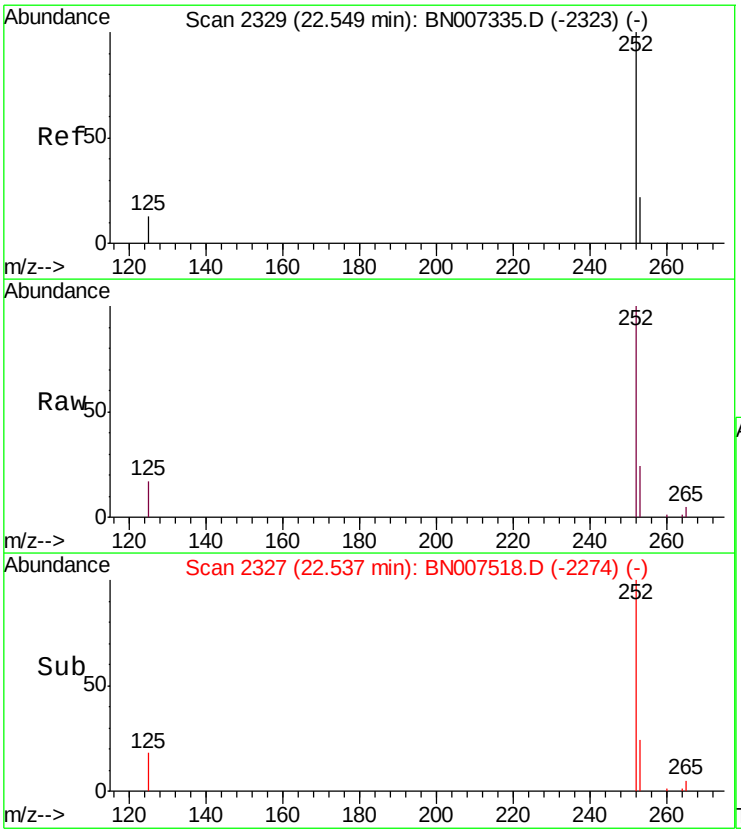
#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 22.50 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 50760

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	12.4	10.6	16.0

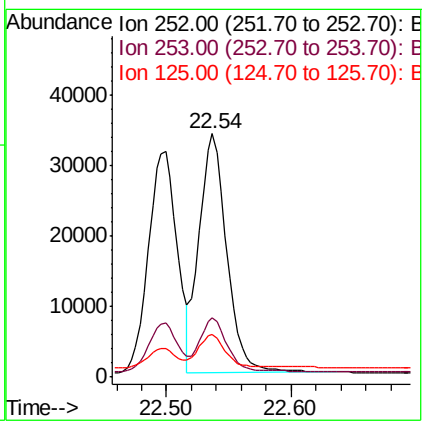


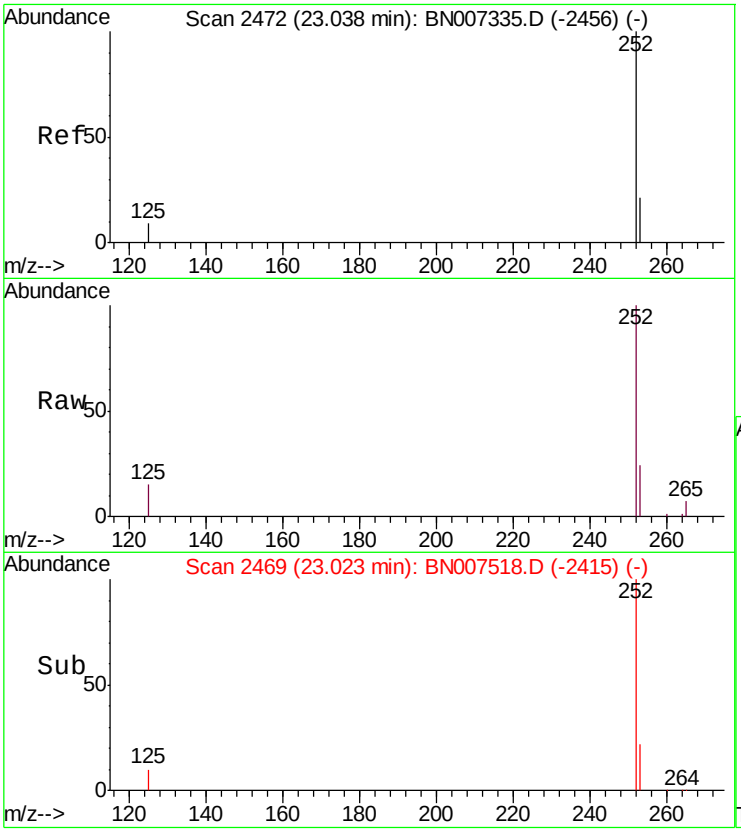


#36
Benzo(k)fluoranthene
Concen: 0.418 ng
RT: 22.54 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion:252 Resp: 52411

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.2
125	17.3	13.1	19.7



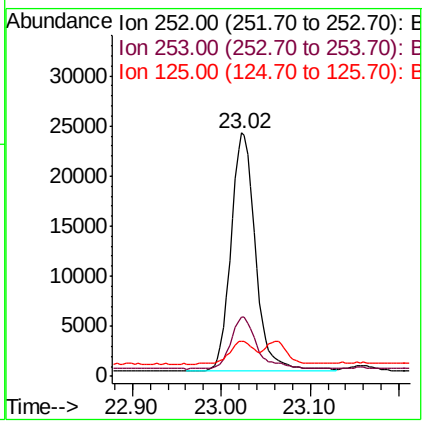


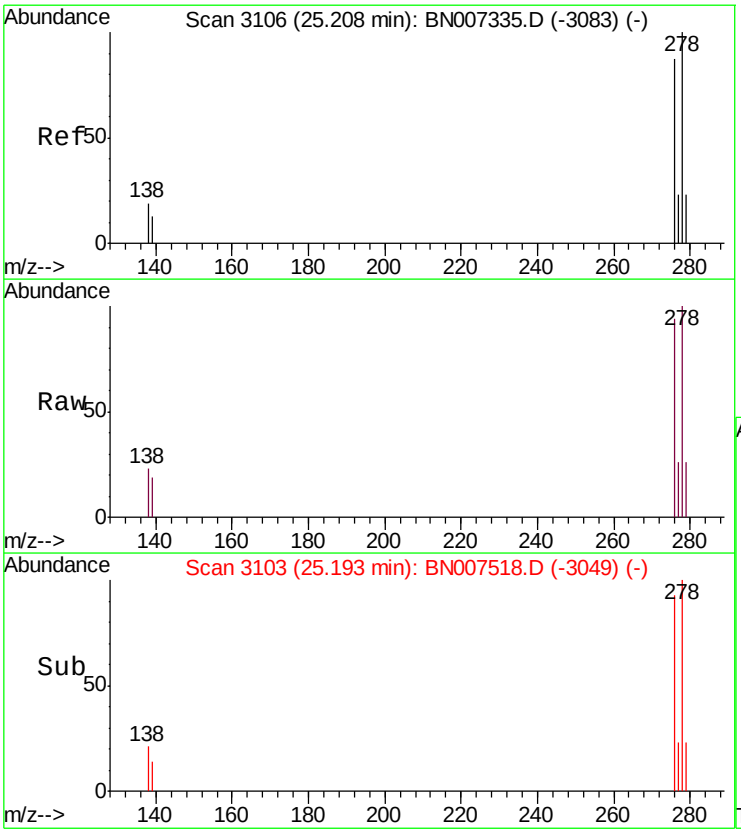
#37
Benzo(a)pyrene
Concen: 0.381 ng
RT: 23.02 min Scan# 2469
Delta R.T. -0.02 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 45979

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.5	29.3
125	14.6	12.1	18.1

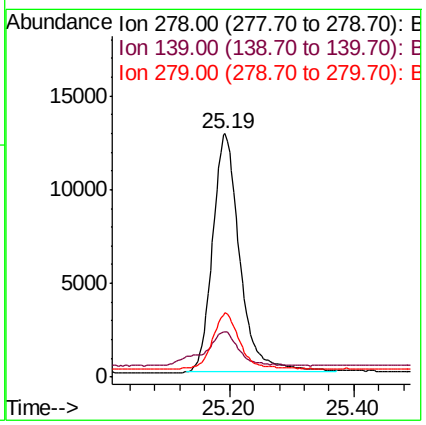


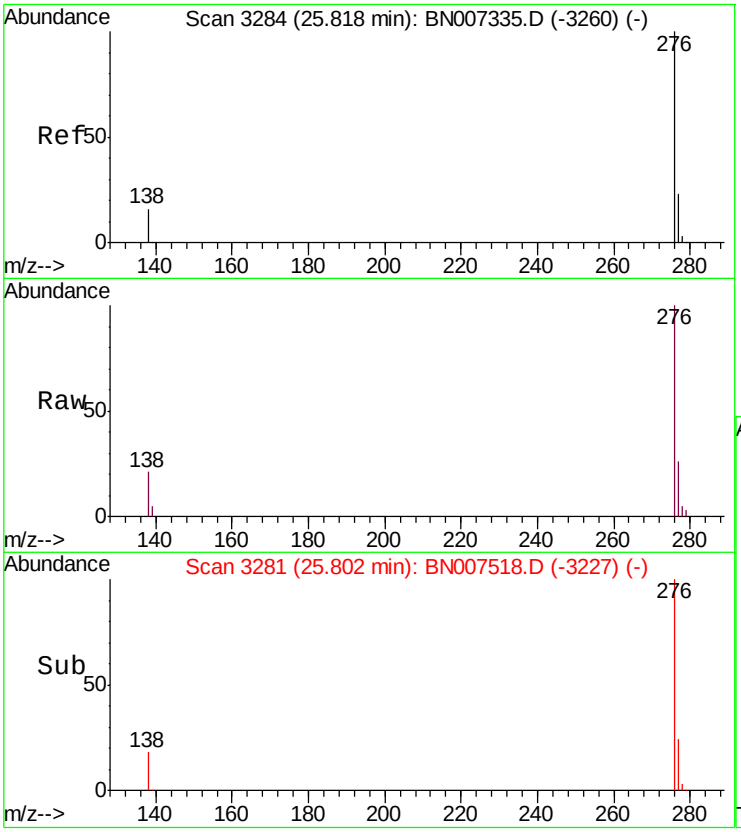


#38
Dibenzo(a,h)anthracene
Concen: 0.319 ng
RT: 25.19 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Tgt Ion:278 Resp: 38504

Ion	Ratio	Lower	Upper
278	100		
139	18.5	13.7	20.5
279	26.3	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.326 ng
RT: 25.80 min Scan# 3281
Delta R.T. -0.02 min
Lab File: BN007518.D
Acq: 30 Aug 2019 00:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 39194

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.6	29.4
138	20.7	16.3	24.5