Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\

Quantitation Report (Not Reviewed)

Data File : BN007342.D
Acq On : 24 Aug 2019 00:25
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Aug 24 07:33:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4877	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	20390	0.40	ng		0.00
13) Acenaphthene-d10	14.05	164	11095	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	25389	0.40	ng		0.00
27) Chrysene-d12	21.02	240	25100	0.40	ng		0.00
34) Perylene-d12	23.12	264	27220	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	6639	0.39	ng		0.00
5) Phenol-d6	6.59	99	8187	0.38	ng		0.00
8) Nitrobenzene-d5	8.53	82	7059	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	14000	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	2144	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	18399	0.41	ng		0.00
25) Fluoranthene-d10	18.84	212	34163	0.42	ng		0.00
29) Terphenyl-d14	19.47	244	27688	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	3130	0.386	ng	#	86
3) n-Nitrosodimethylamine	3.32	42	1372	0.364	ng	#	91
6) bis(2-Chloroethyl)ether	6.84	93	7196	0.408	ng		97
9) Naphthalene	10.20	128	24022	0.412	ng	#	93
10) Hexachlorobutadiene	10.51	225	4914	0.412	ng	#	99
12) 2-Methylnaphthalene	11.84	142	16314	0.411	ng		98
16) Acenaphthylene	13.76	152	26304	0.401	ng		99
17) Acenaphthene	14.11	154	15650	0.407	ng		98
18) Fluorene	15.10	166	19498	0.401	ng		98
20) 4-Bromophenyl-phenylether	16.01	248	4578	0.457	ng	#	89
21) Hexachlorobenzene	16.11	284	7137	0.419	ng		98
22) Pentachlorophenol	16.46	266	2105	0.398	ng	#	69
23) Phenanthrene	16.85	178	30525	0.400	ng		100
24) Anthracene	16.93	178	30250	0.394	ng		99
26) Fluoranthene	18.87	202	40553	0.414	ng		99
28) Pyrene	19.24	202	41724	0.413	ng		99
30) Benzo(a)anthracene	21.00	228	40323	0.409	ng		99
31) Chrysene	21.06	228	40084	0.421	ng		99
32) Bis(2-ethylhexyl)phthalate	20.97	149	27609	0.414	ng		99
33) Indeno(1,2,3-cd)pyrene	25.19	276	47062	0.411	ng		98
35) Benzo(b)fluoranthene	22.54	252	41805	0.424	ng		98
36) Benzo(k)fluoranthene	22.54	252	41805	0.429	ng		98
37) Benzo(a)pyrene	23.03	252	38578	0.411	ng	#	96
38) Dibenzo(a,h)anthracene	25.20	278	38122	0.407	ng		97
39) Benzo(g,h,i)perylene	25.81	276	38118	0.409	ng		98

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

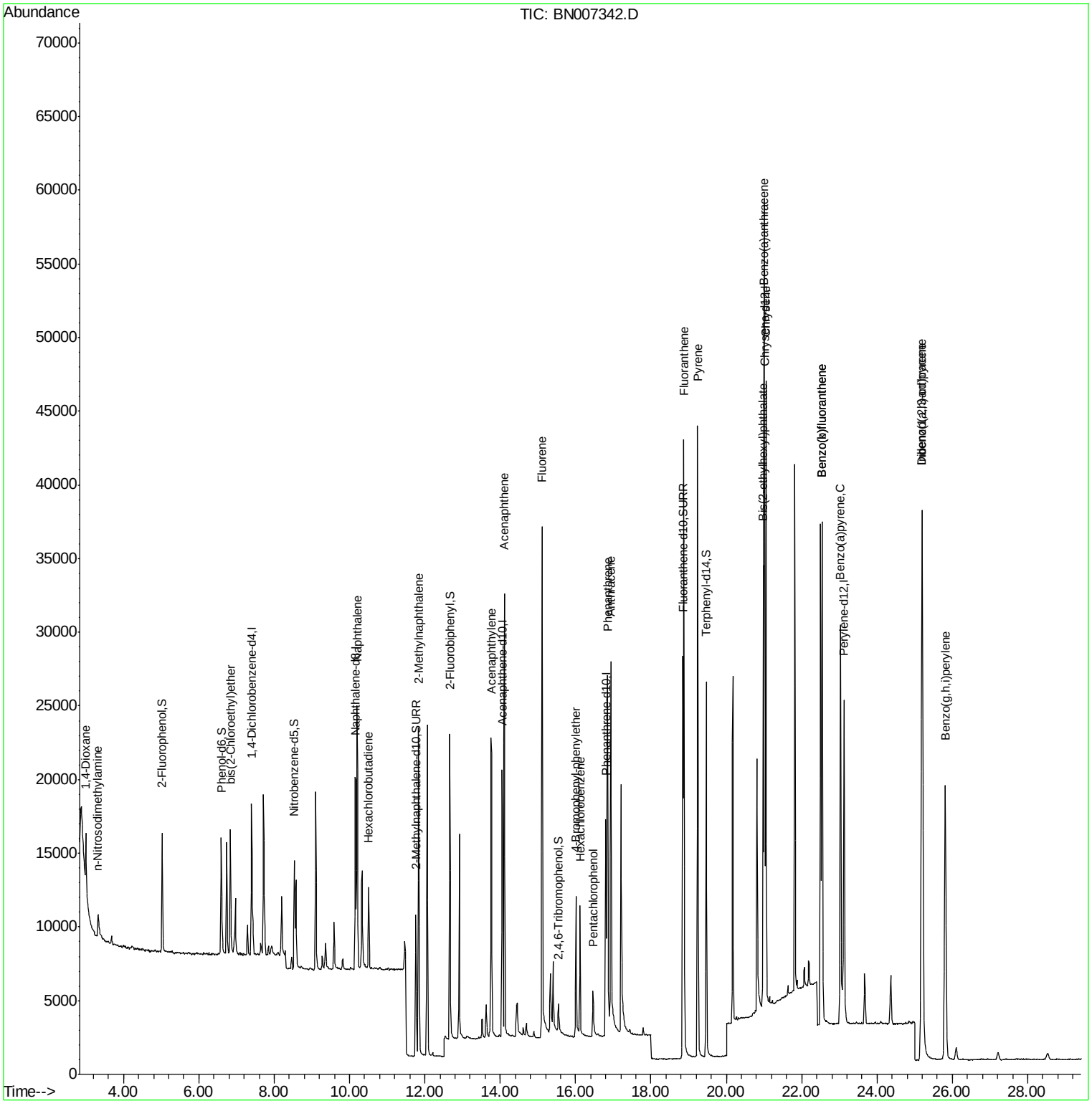
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\

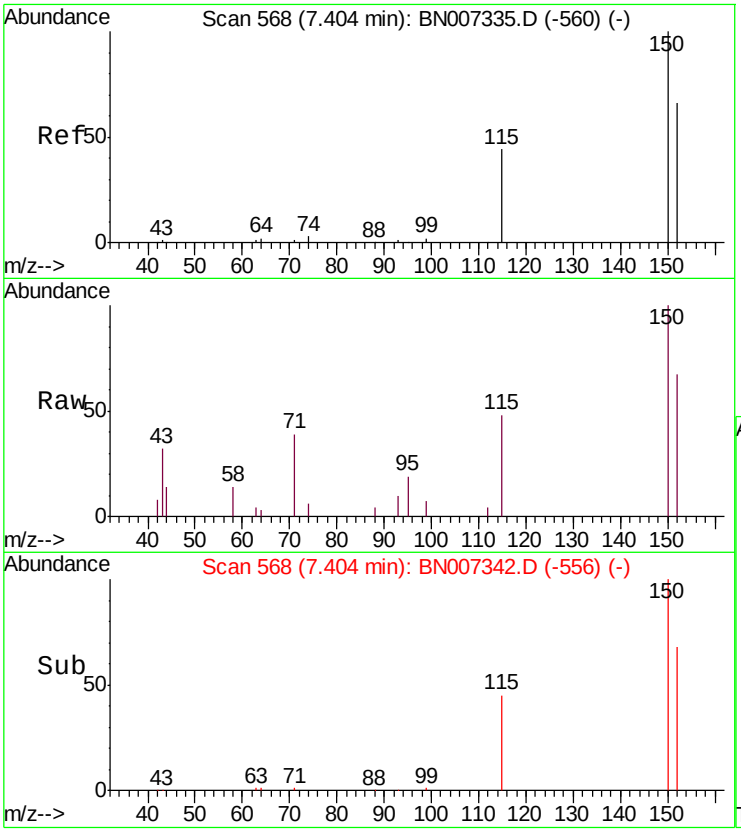
Quantitation Report (Not Reviewed)

Data File : BN007342.D
Acq On : 24 Aug 2019 00:25
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 24 07:33:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration



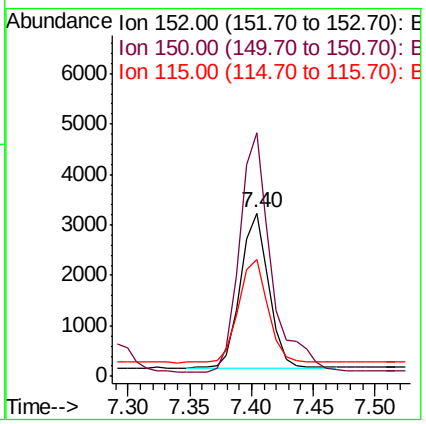


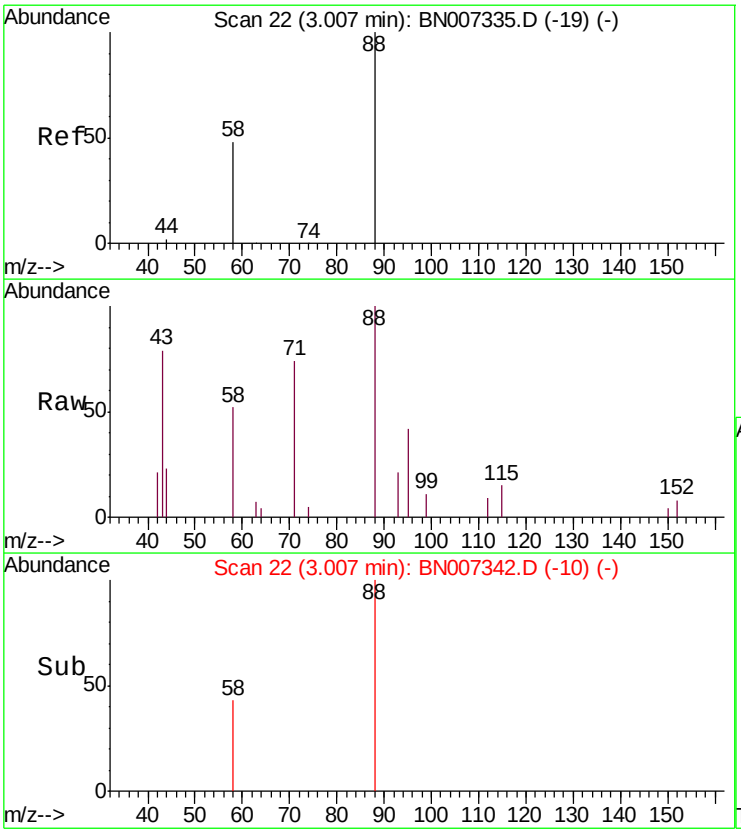
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4877

Ion	Ratio	Lower	Upper
152	100		
150	149.2	109.1	163.7
115	72.0	59.6	89.4

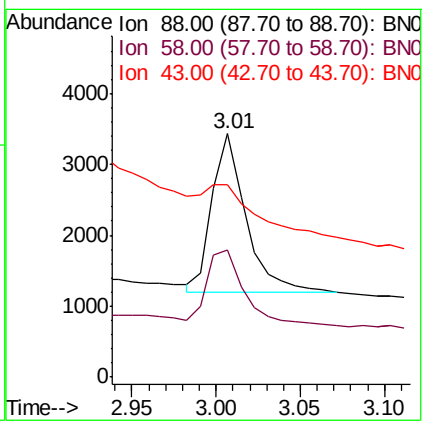


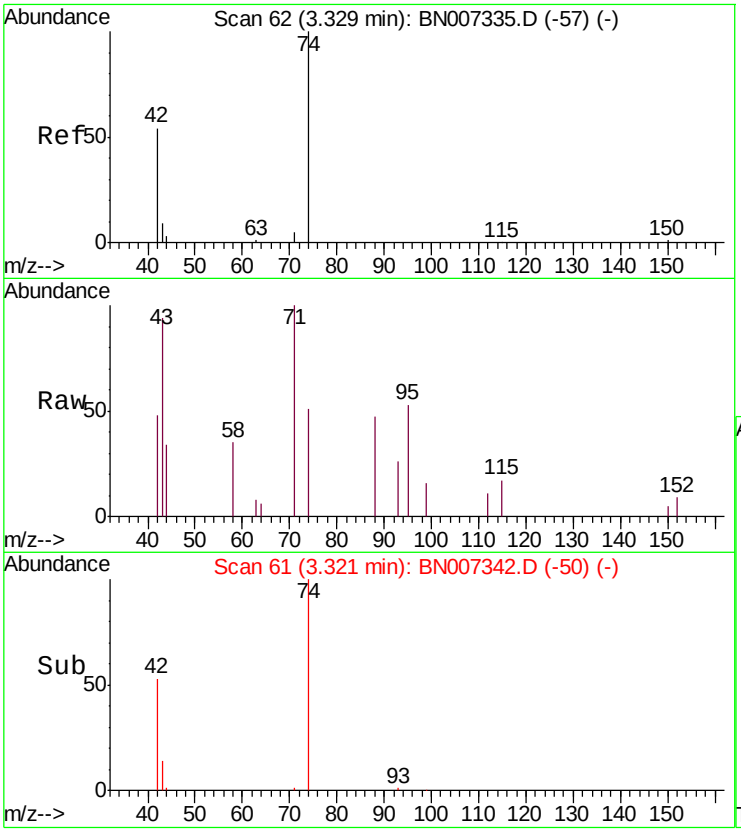


#2
1,4-Dioxane
Concen: 0.386 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion: 88 Resp: 3130

Ion	Ratio	Lower	Upper
88	100		
58	52.0	50.5	75.7
43	0.0	0.0	0.0



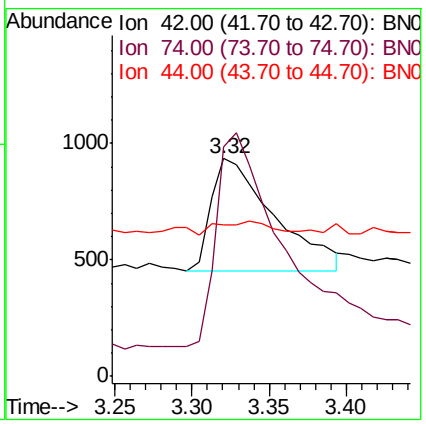


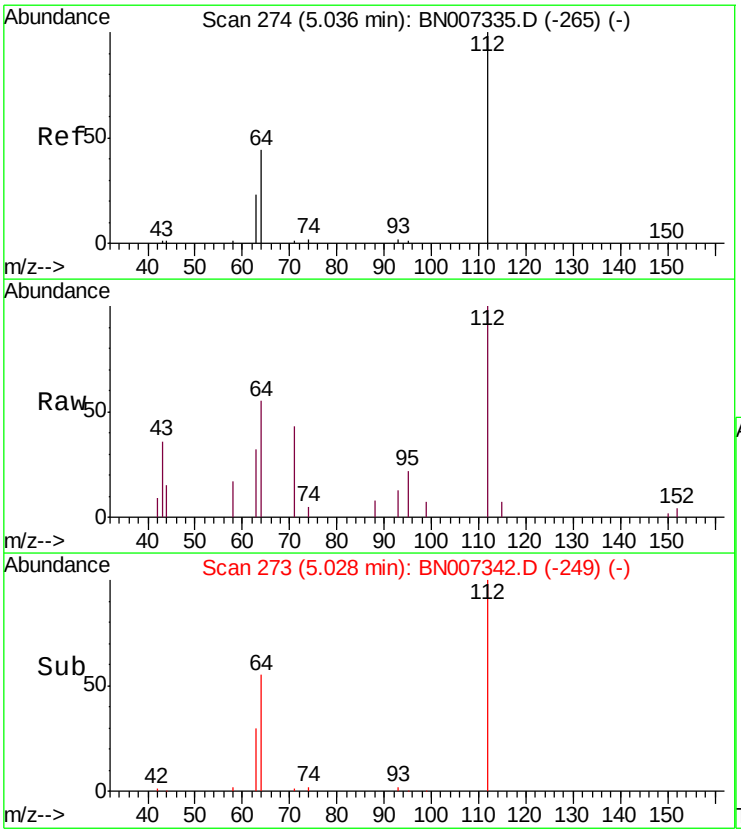
#3
n-Nitrosodimethylamine
Concen: 0.364 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1372

Ion	Ratio	Lower	Upper
42	100		
74	193.3	144.7	217.1
44	10.6	3.2	4.8#

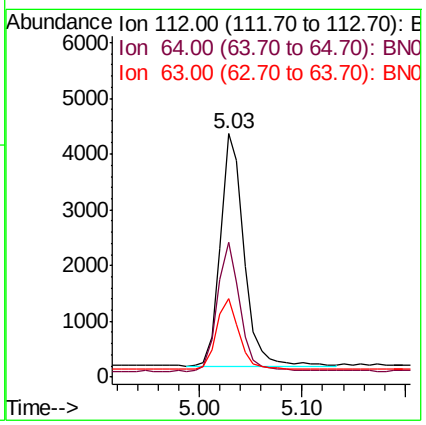


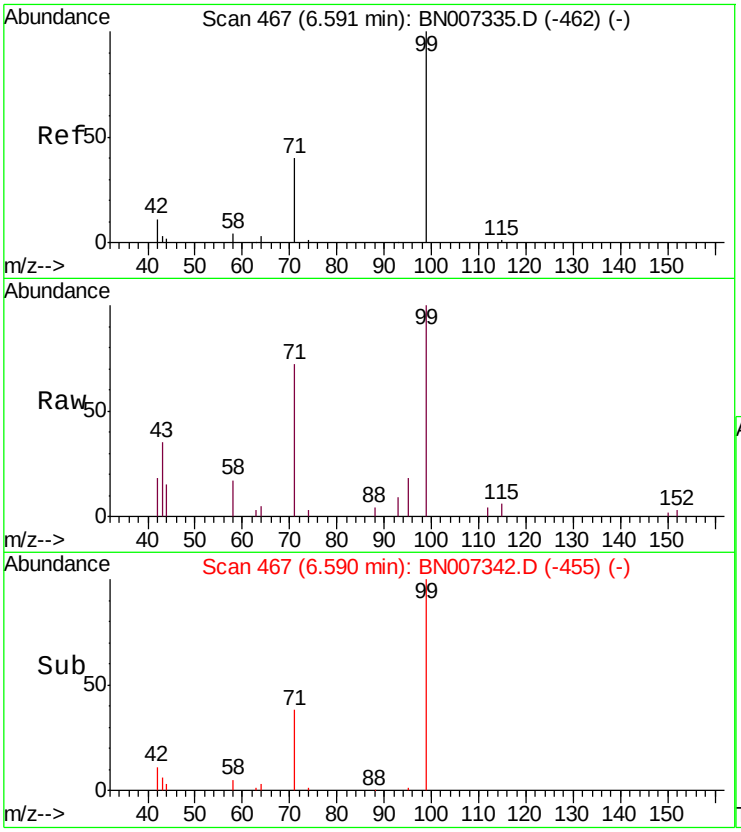


#4
2-Fluorophenol
Concen: 0.391 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion:112 Resp: 6639

Ion	Ratio	Lower	Upper
112	100		
64	54.6	42.3	63.5
63	29.4	23.6	35.4



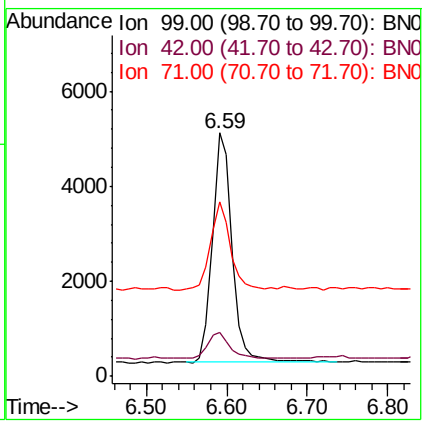


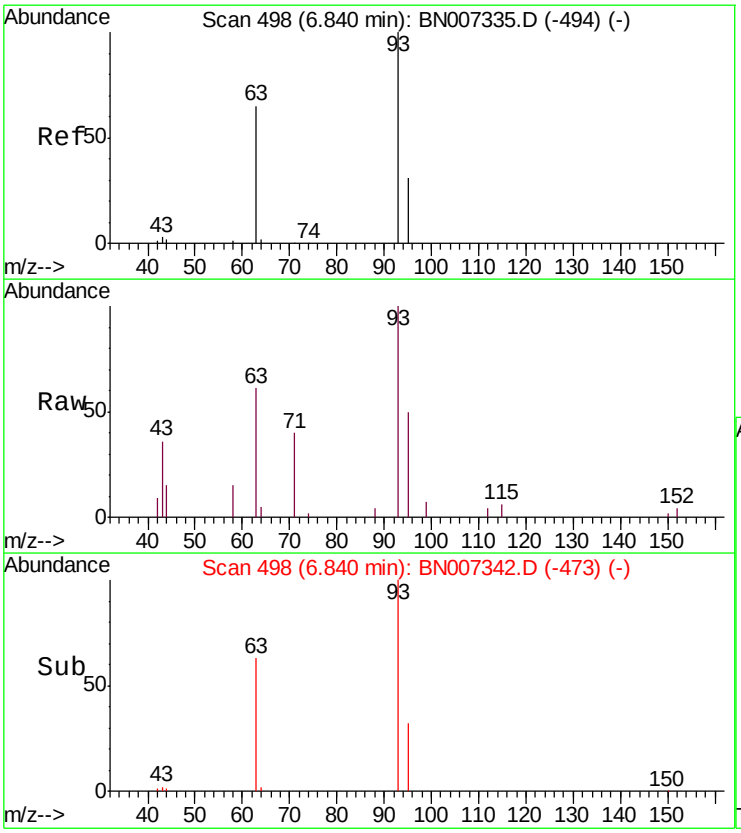
#5
Phenol-d6
Concen: 0.379 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 8187

Ion	Ratio	Lower	Upper
99	100		
42	12.7	11.2	16.8
71	38.9	31.8	47.8

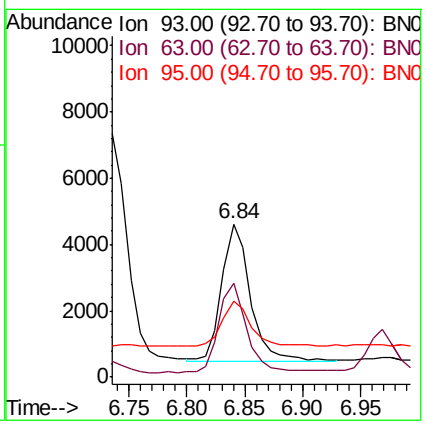


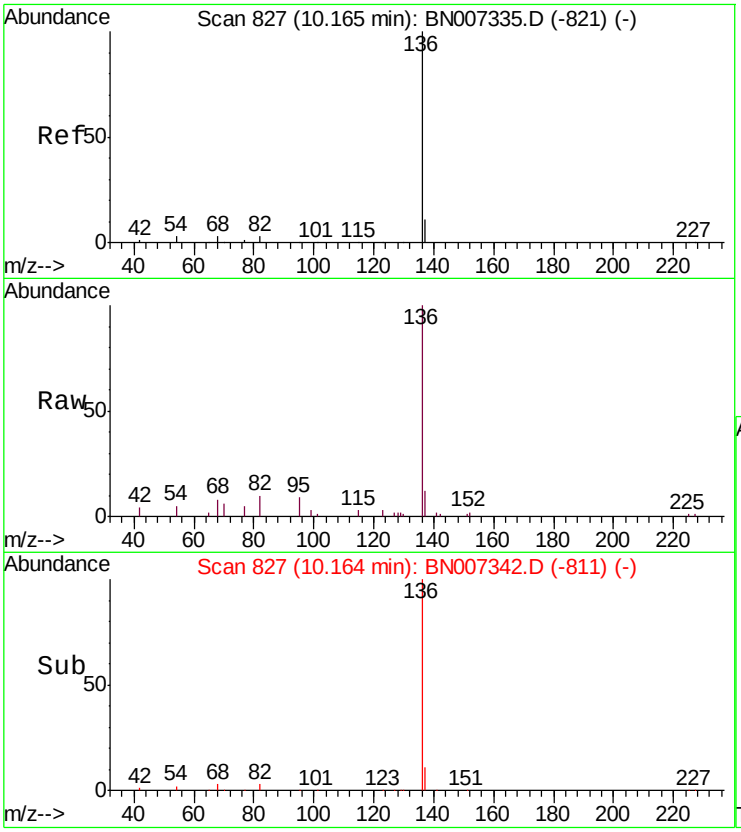


#6
bis(2-Chloroethyl)ether
Concen: 0.408 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion: 93 Resp: 7196

Ion	Ratio	Lower	Upper
93	100		
63	62.7	51.9	77.9
95	32.8	27.7	41.5



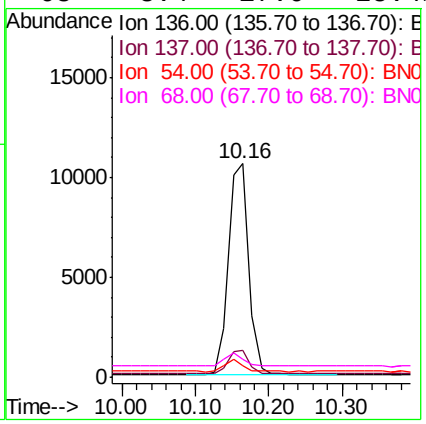


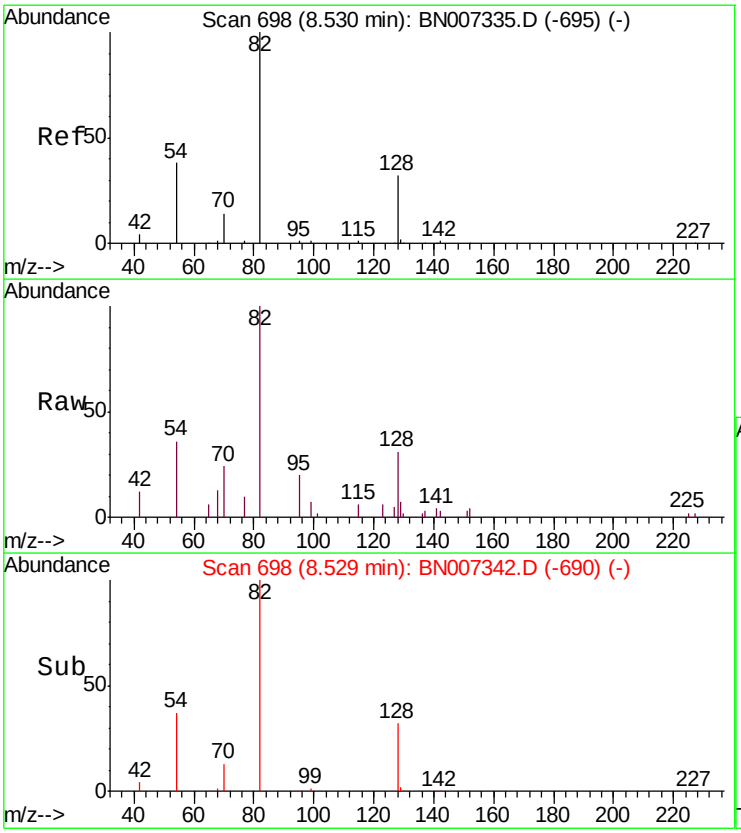
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 20390

Ion	Ratio	Lower	Upper
136	100		
137	12.4	12.9	19.3#
54	5.3	8.6	12.8#
68	8.4	17.0	25.4#

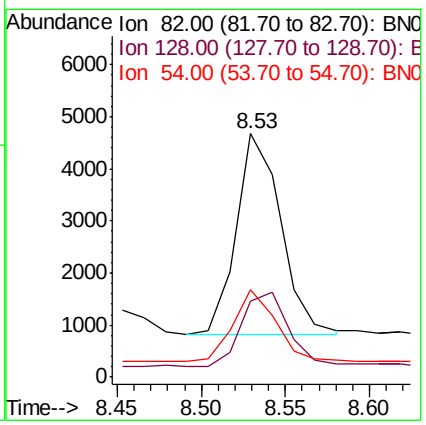


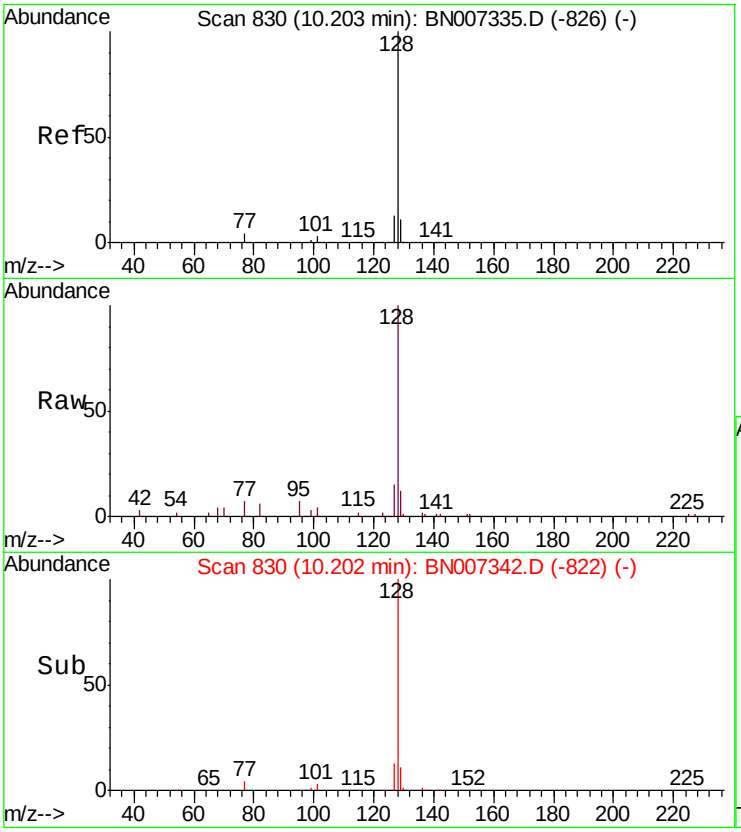


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion: 82 Resp: 7059

Ion	Ratio	Lower	Upper
82	100		
128	31.0	19.7	29.5#
54	35.9	25.8	38.6



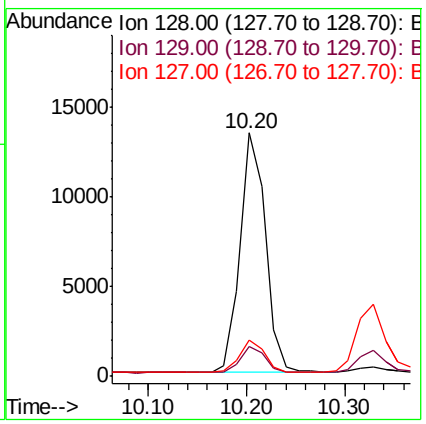


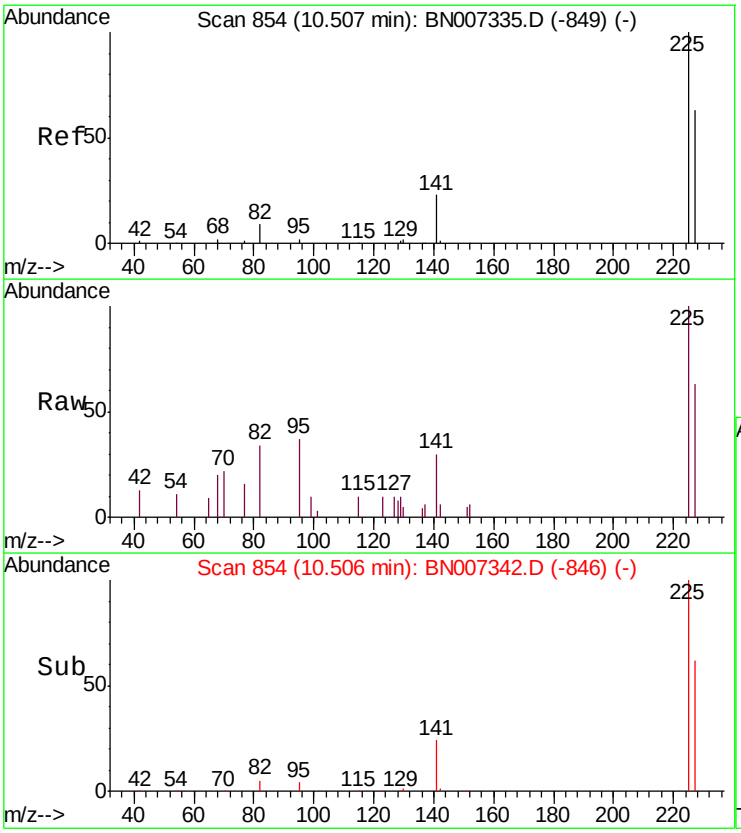
#9
Naphthalene
Concen: 0.412 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 24022

Ion	Ratio	Lower	Upper
128	100		
129	12.5	11.1	16.7
127	14.9	15.5	23.3#

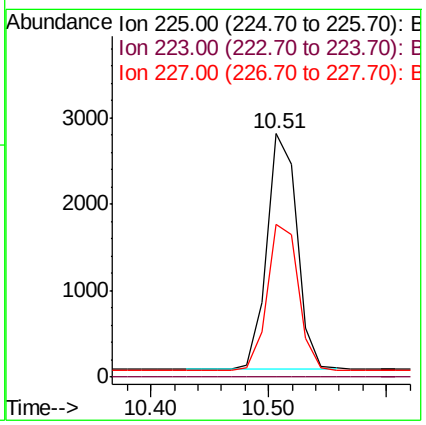


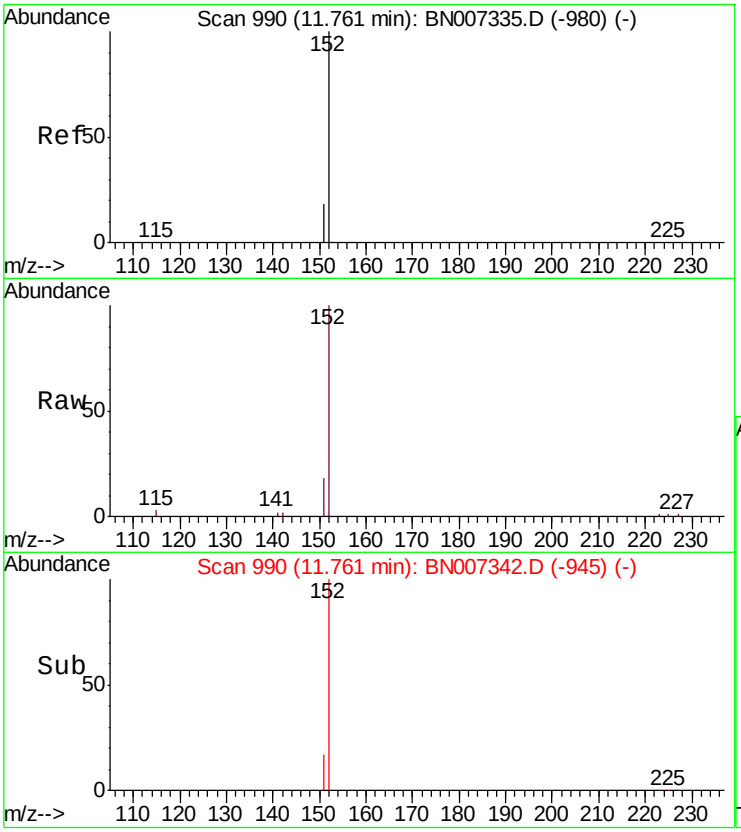


#10
Hexachlorobutadiene
Concen: 0.412 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion:225 Resp: 4914

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.7	76.1



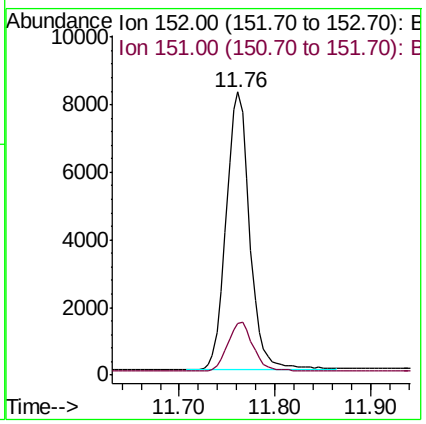


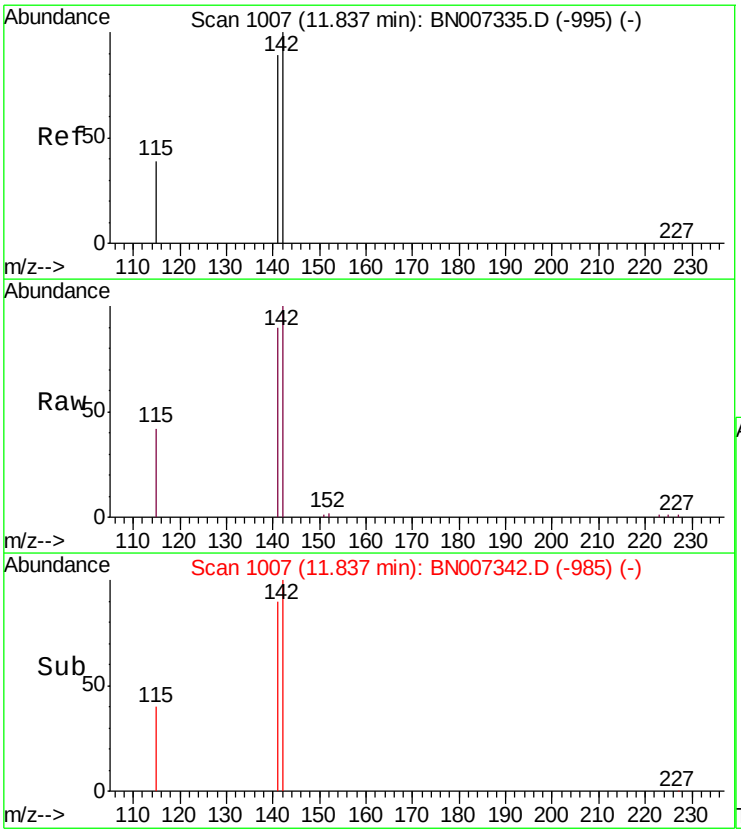
#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 14000

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.2	24.2

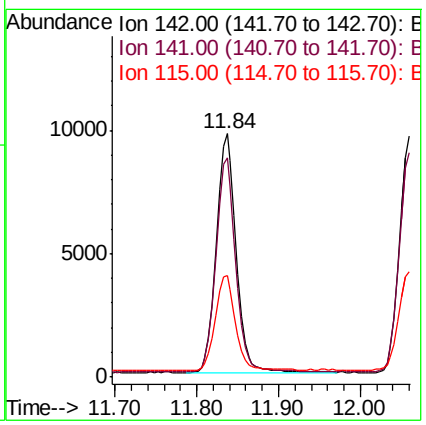


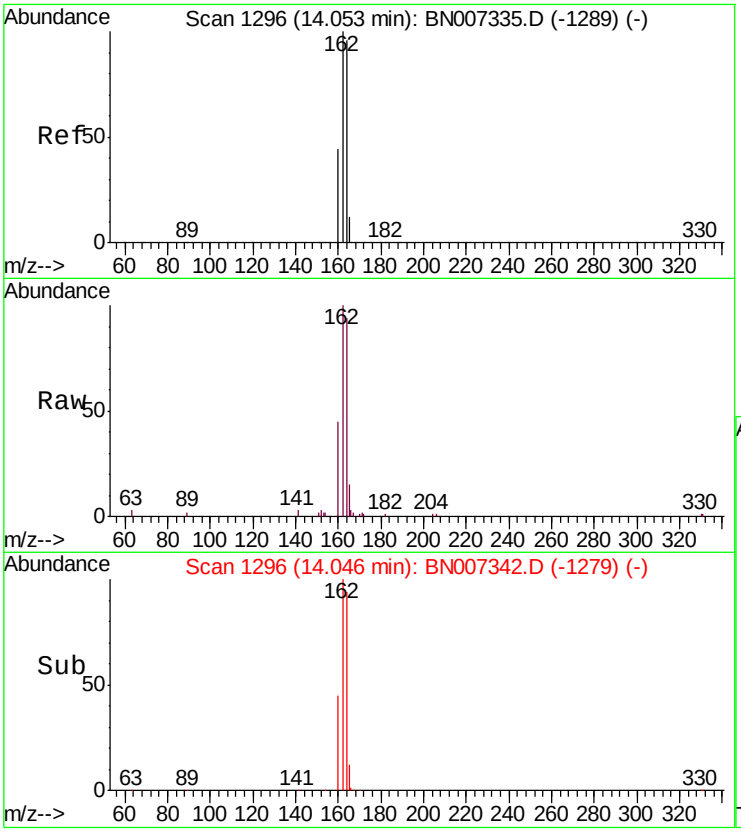


#12
2-Methylnaphthalene
Concen: 0.411 ng
RT: 11.84 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion:142 Resp: 16314

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.8	109.2
115	41.7	35.2	52.8



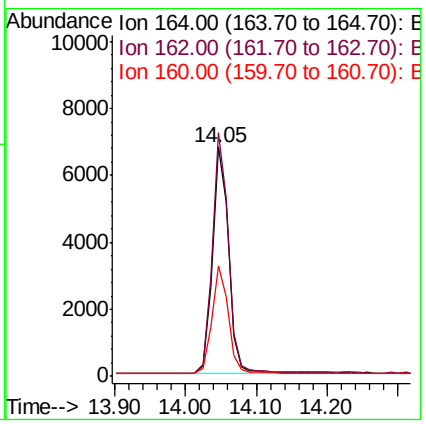


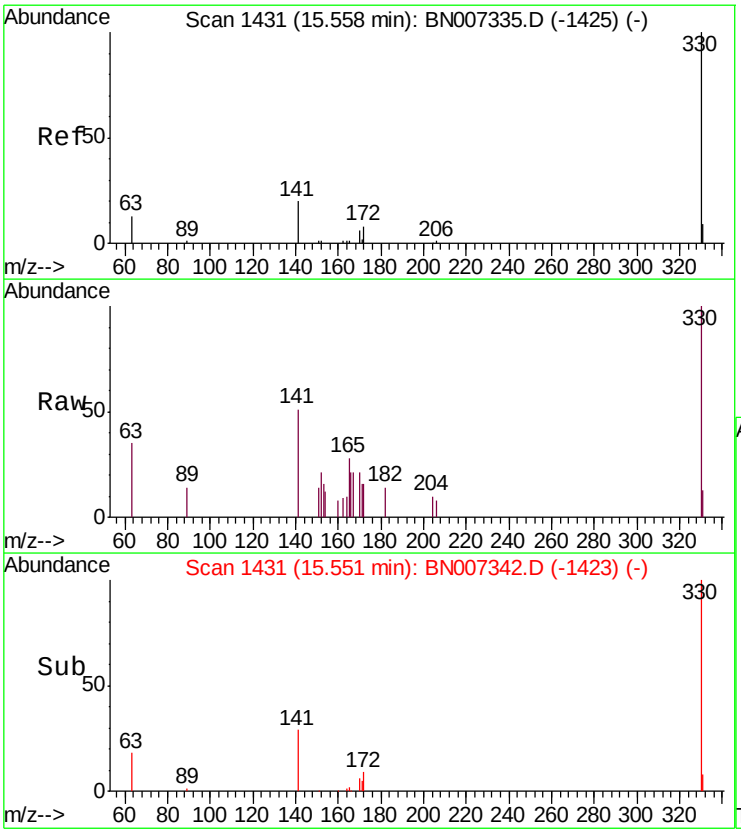
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 11095

Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.5	125.3
160	47.9	38.2	57.4

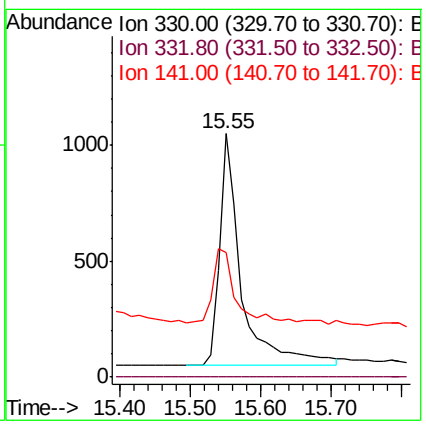


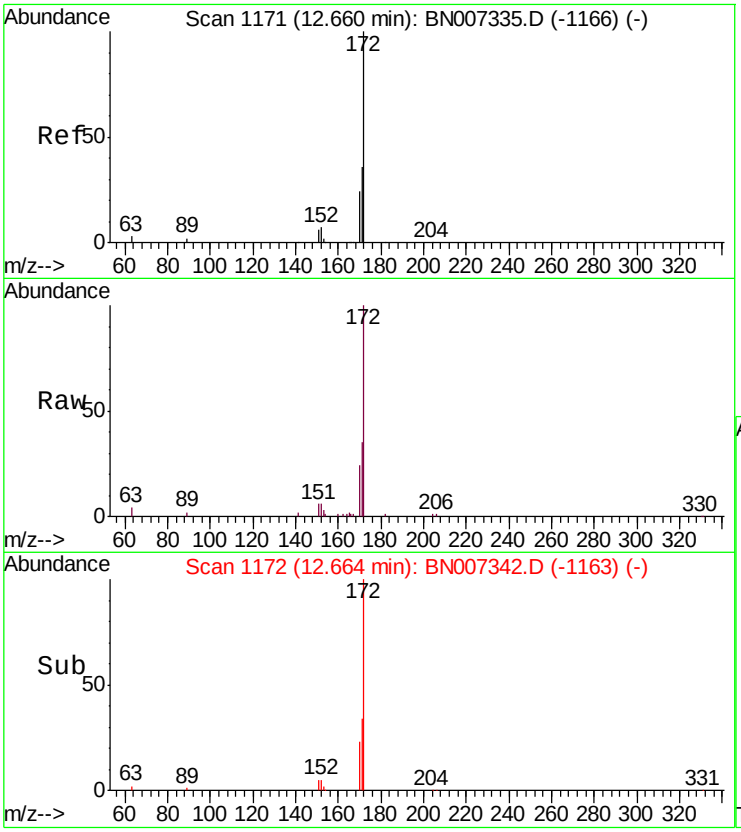


#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion:330 Resp: 2144

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.9	26.9	40.3



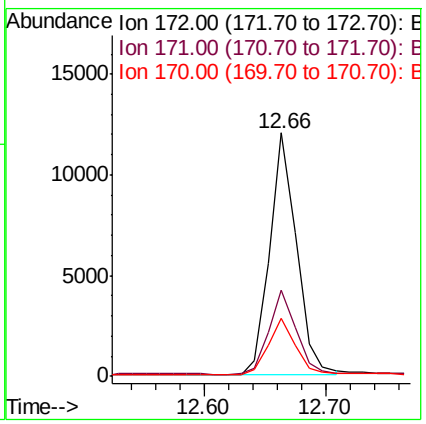


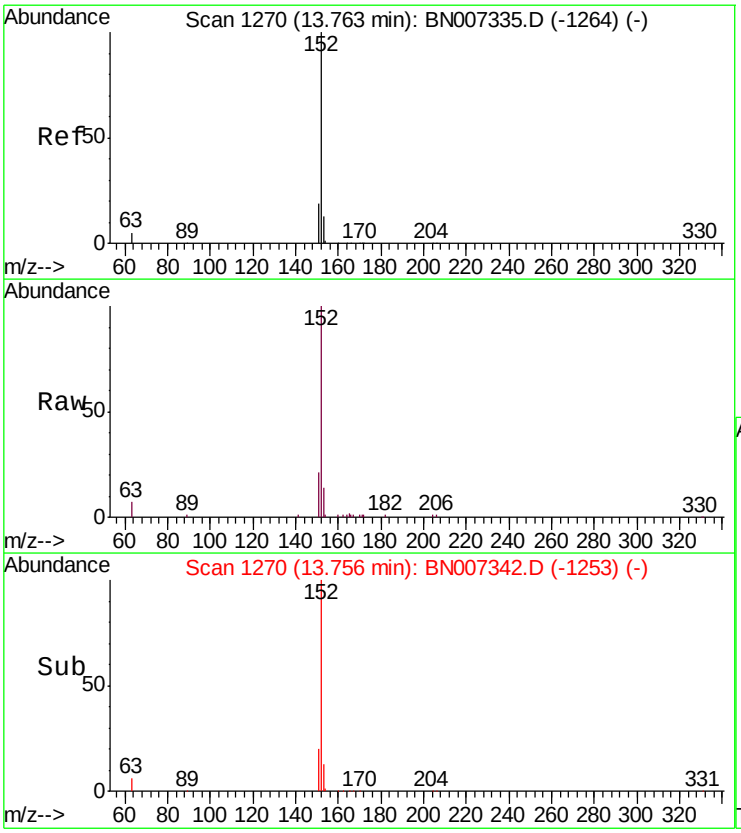
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 18399

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.3	45.5
170	23.6	20.7	31.1

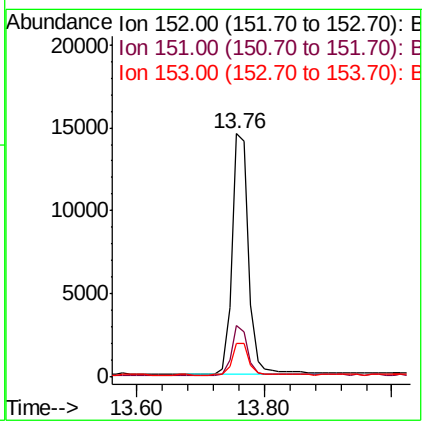


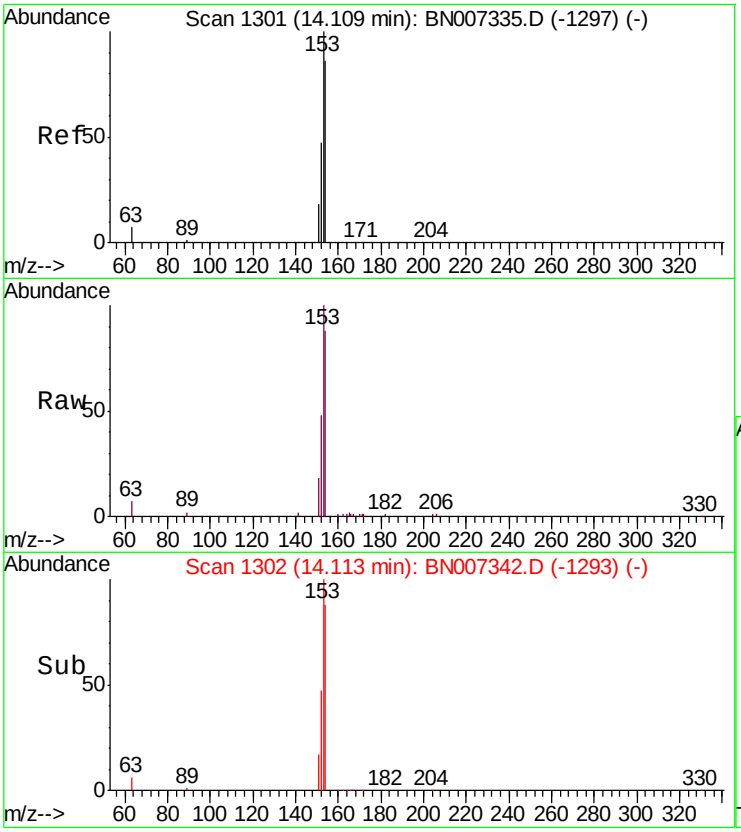


#16
Acenaphthylene
Concen: 0.401 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion:152 Resp: 26304

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	13.3	10.6	15.8



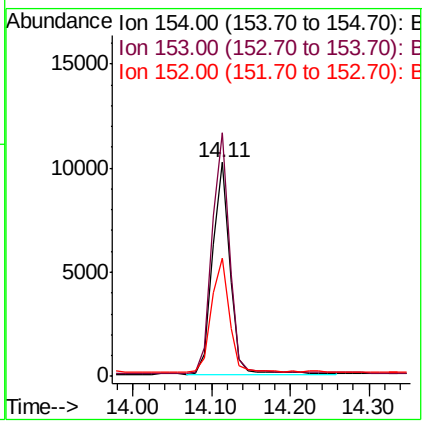


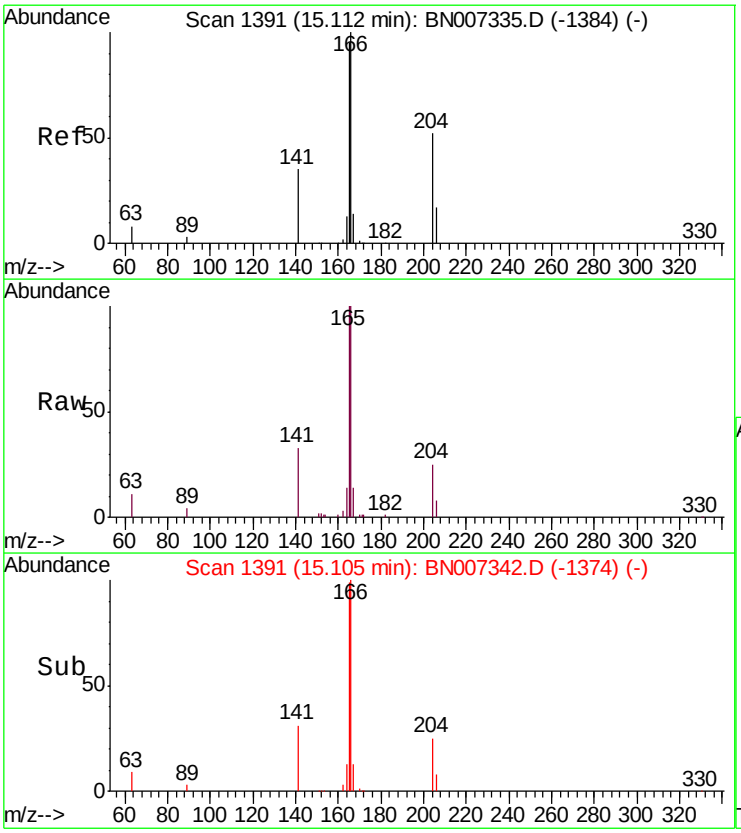
#17
Acenaphthene
Concen: 0.407 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 15650

Ion	Ratio	Lower	Upper
154	100		
153	114.2	92.8	139.2
152	53.6	43.8	65.8

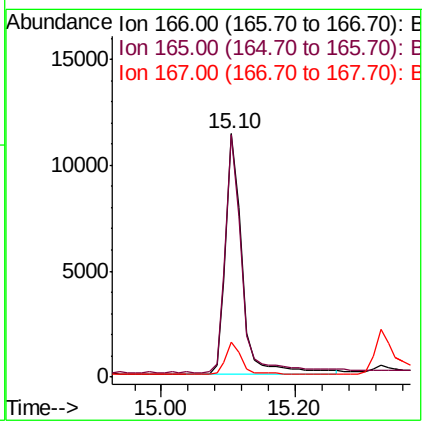


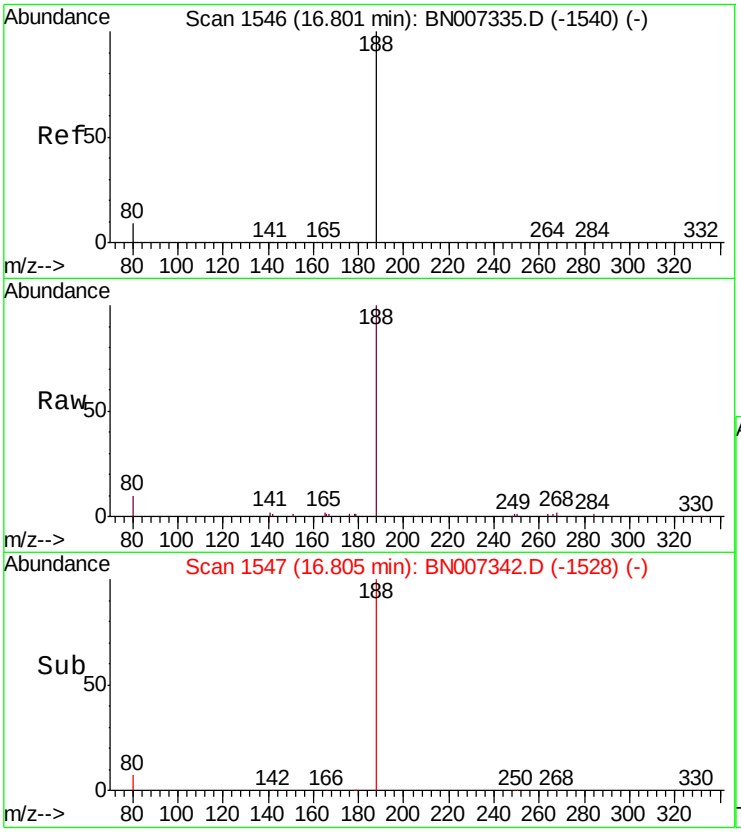


#18
Fluorene
Concen: 0.401 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion:166 Resp: 19498

Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.0	118.4
167	13.6	10.6	15.8



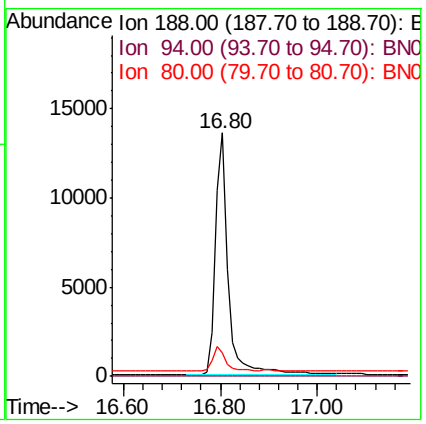


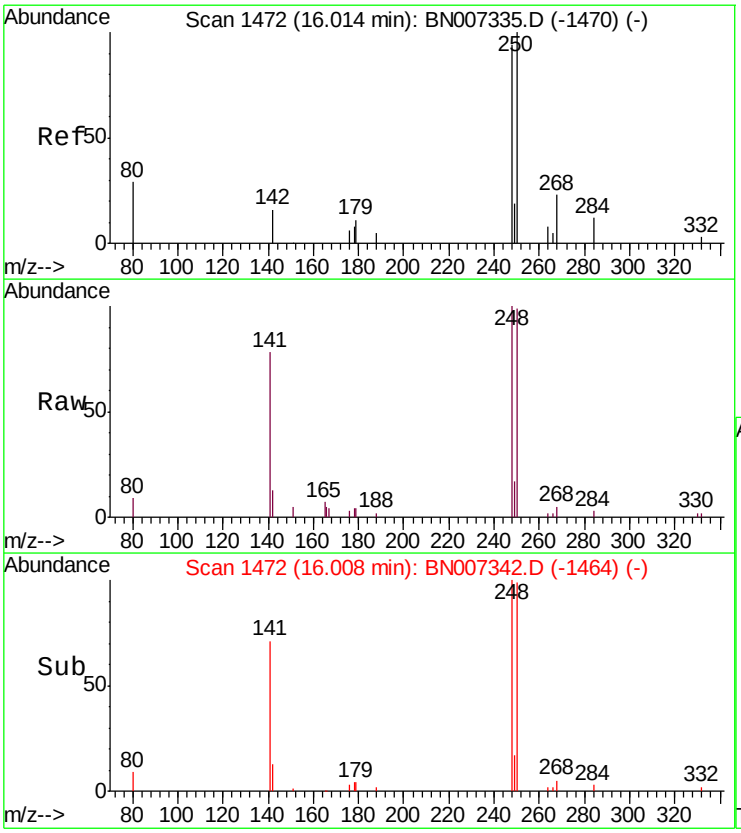
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 25389

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	11.8	17.8#

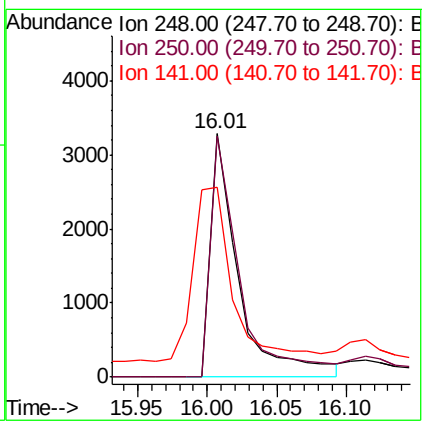


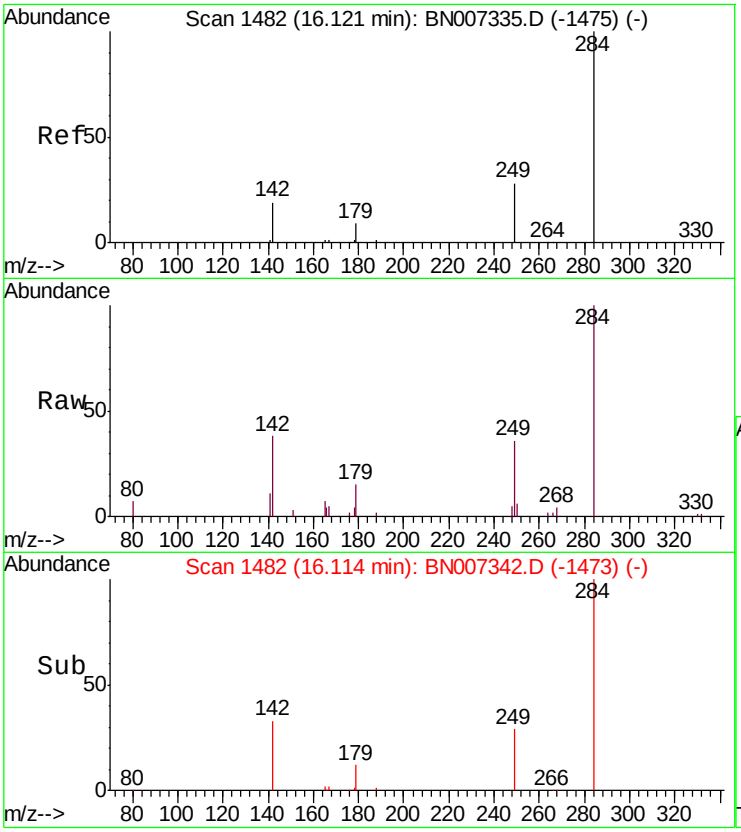


#20
4-Bromophenyl-phenylether
Concen: 0.457 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion:248 Resp: 4578

Ion	Ratio	Lower	Upper
248	100		
250	98.9	85.0	127.6
141	77.9	51.7	77.5#



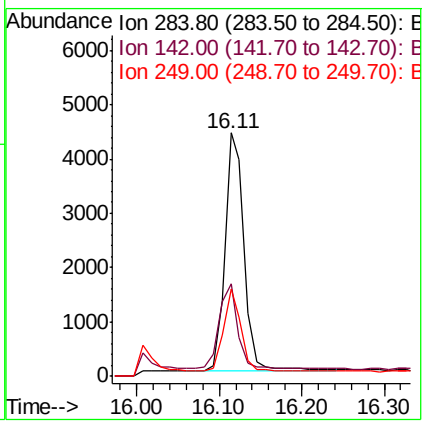


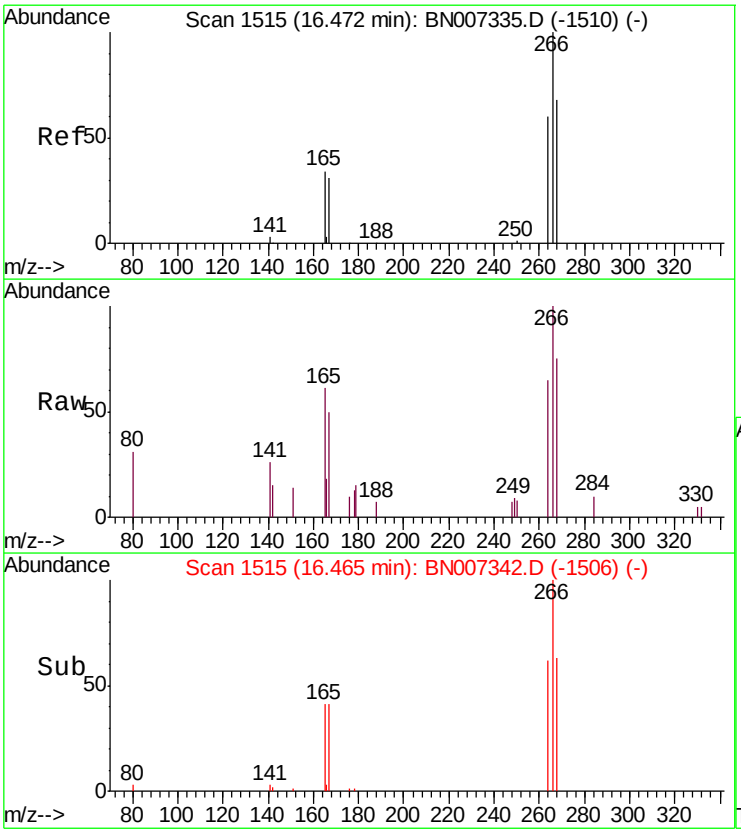
#21
Hexachlorobenzene
Concen: 0.419 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 7137

Ion	Ratio	Lower	Upper
284	100		
142	34.6	29.0	43.6
249	30.8	24.9	37.3

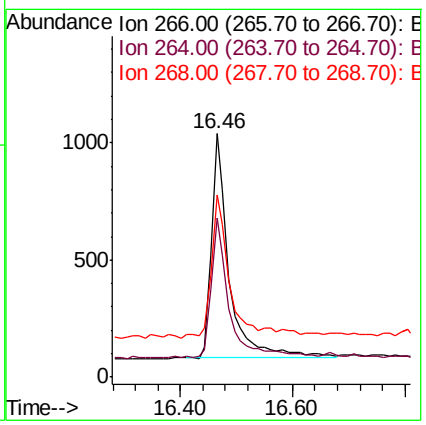


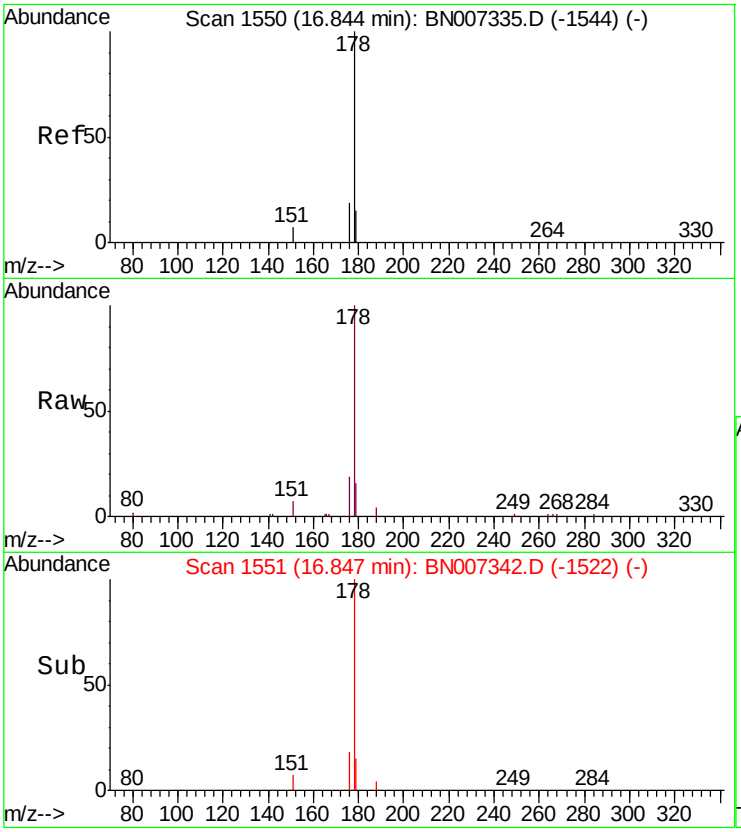


#22
Pentachlorophenol
Concen: 0.398 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion:266 Resp: 2105

Ion	Ratio	Lower	Upper
266	100		
264	65.3	57.8	86.8
268	75.0	99.7	149.5#



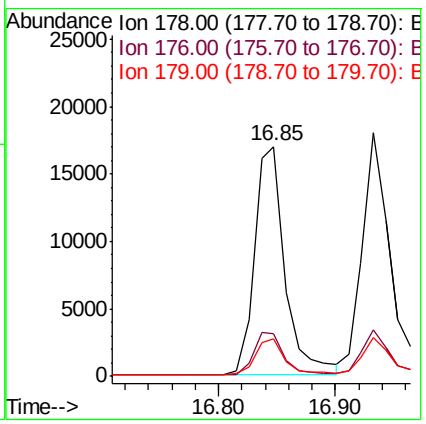


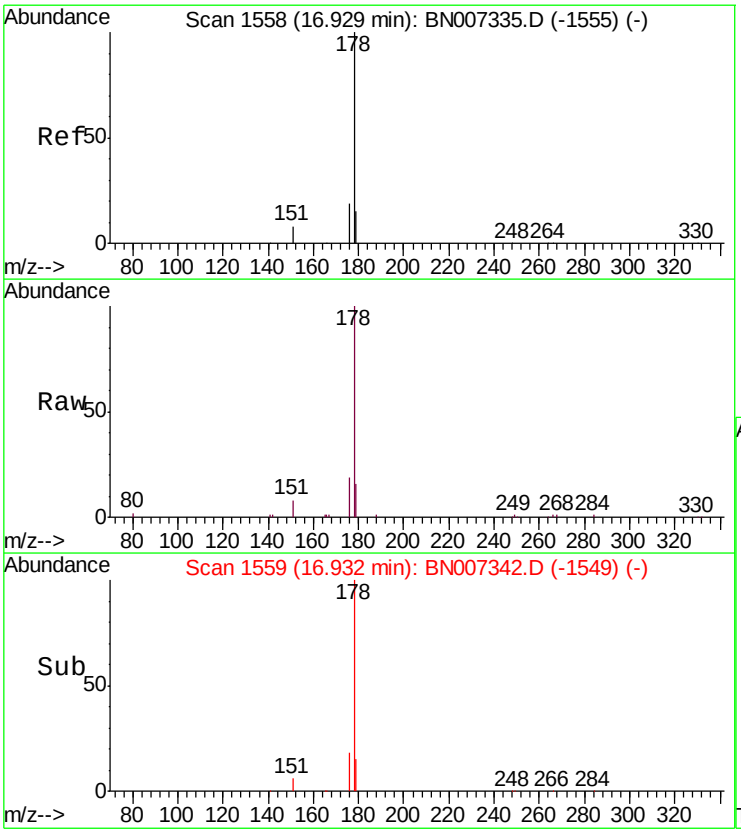
#23
Phenanthrene
Concen: 0.400 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 30525

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.4	12.6	19.0

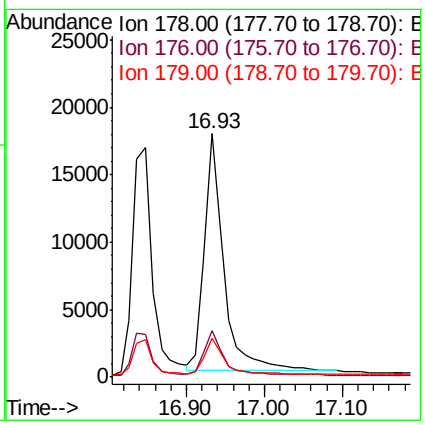


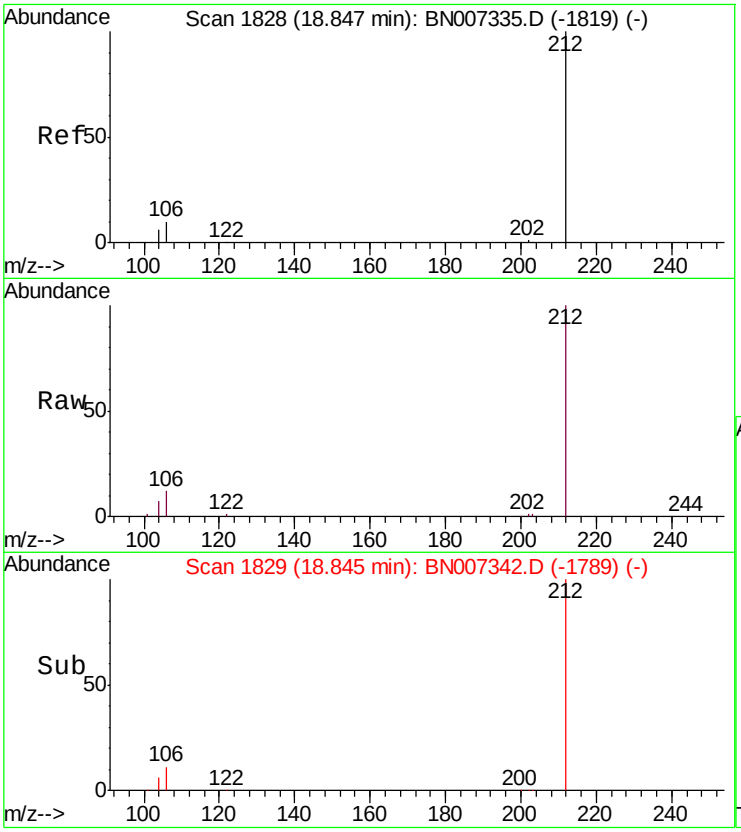


#24
Anthracene
Concen: 0.394 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion:178 Resp: 30250

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.3	12.4	18.6



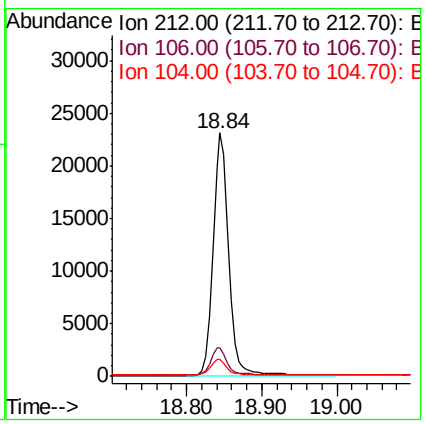


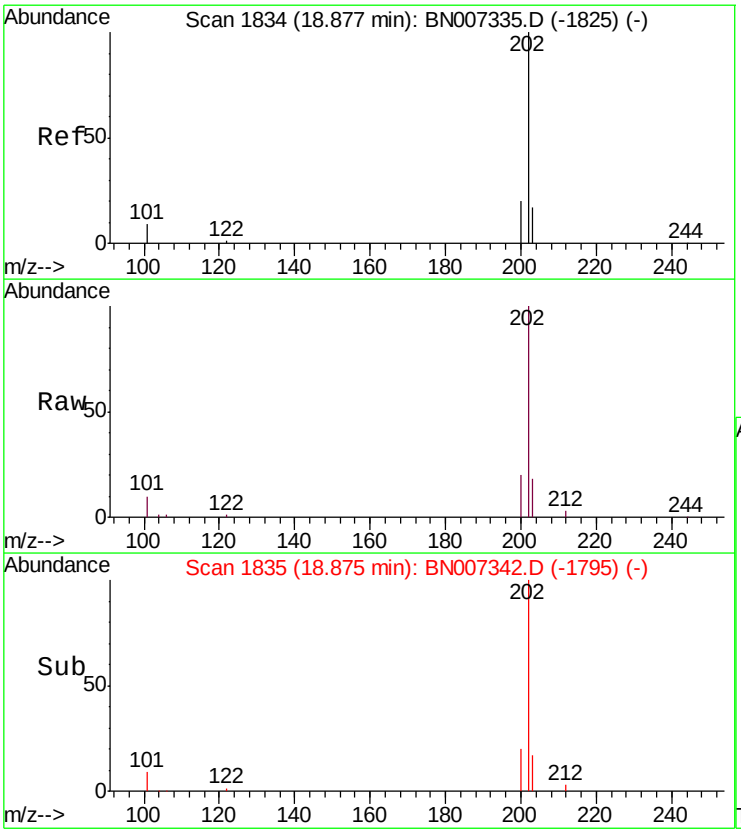
#25
Fluoranthene-d10
Concen: 0.418 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 34163

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.0	13.4
104	6.3	5.4	8.2

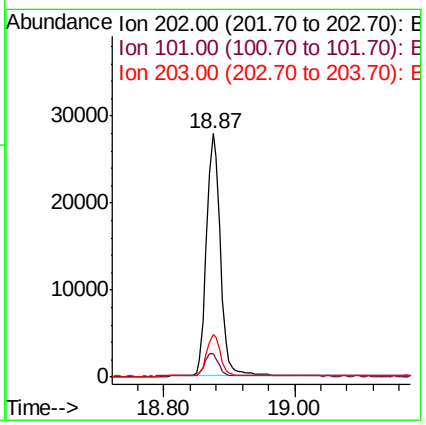


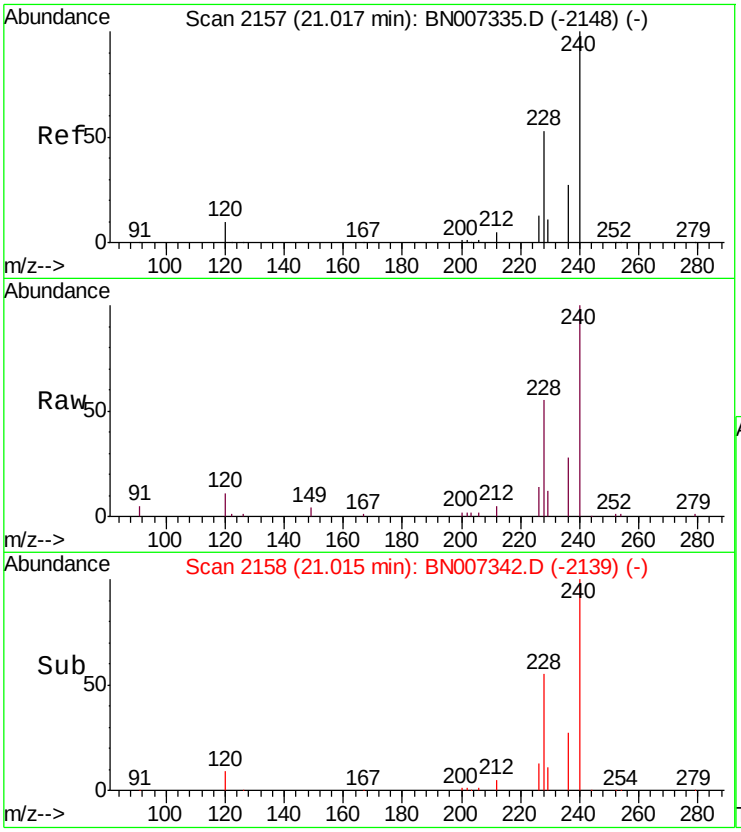


#26
Fluoranthene
Concen: 0.414 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion:202 Resp: 40553

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.7	11.5
203	16.9	13.7	20.5



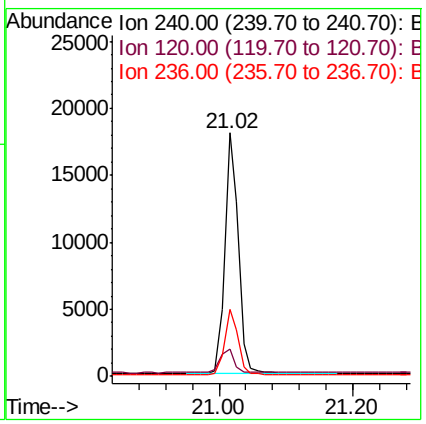


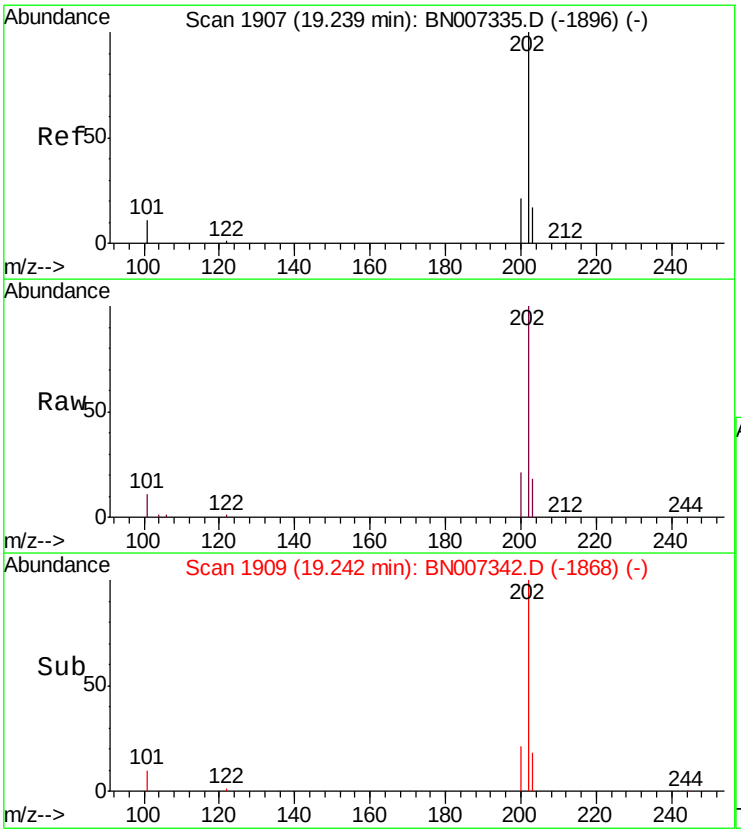
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 25100

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.6	14.4
236	27.6	22.2	33.2

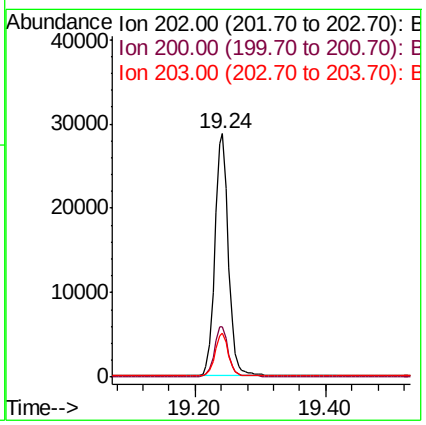


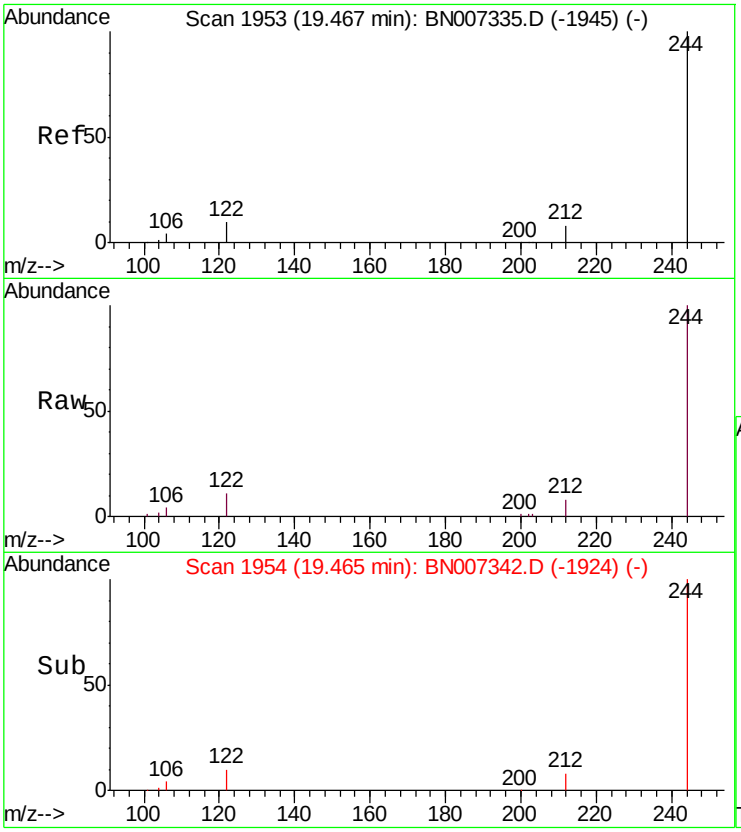


#28
Pyrene
Concen: 0.413 ng
RT: 19.24 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion:202 Resp: 41724

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.5	14.2	21.4



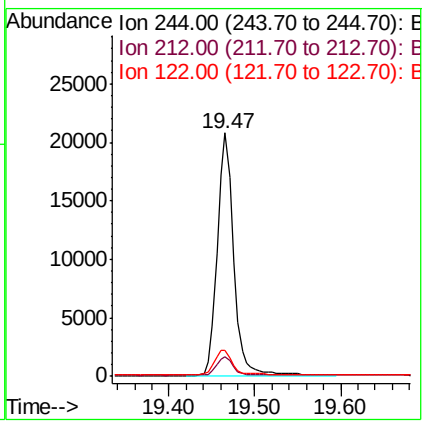


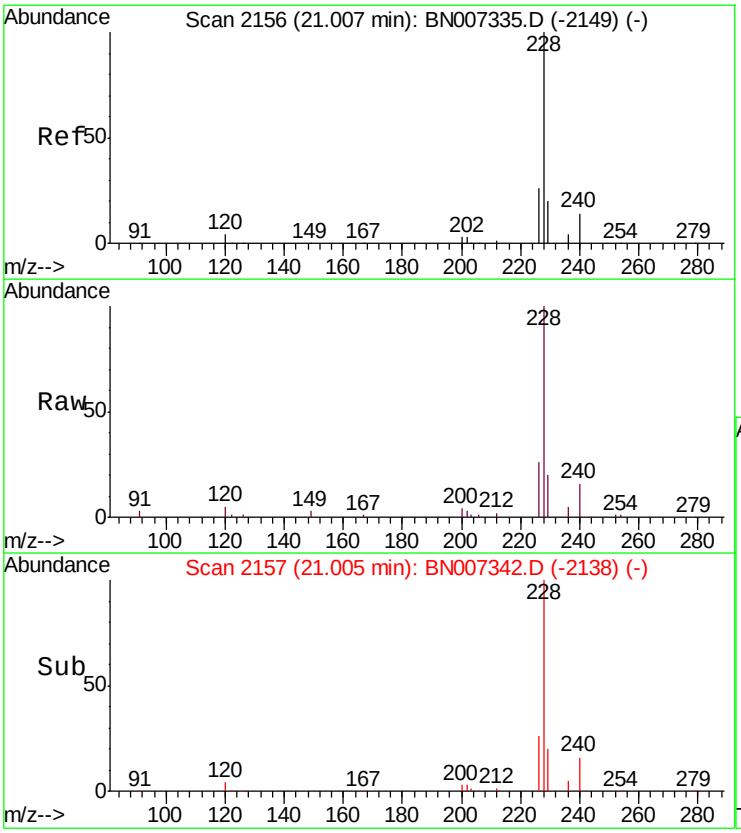
#29
Terphenyl-d14
Concen: 0.422 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 27688

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.6
122	10.8	9.6	14.4

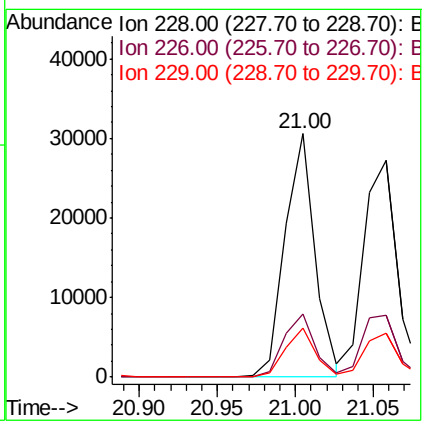


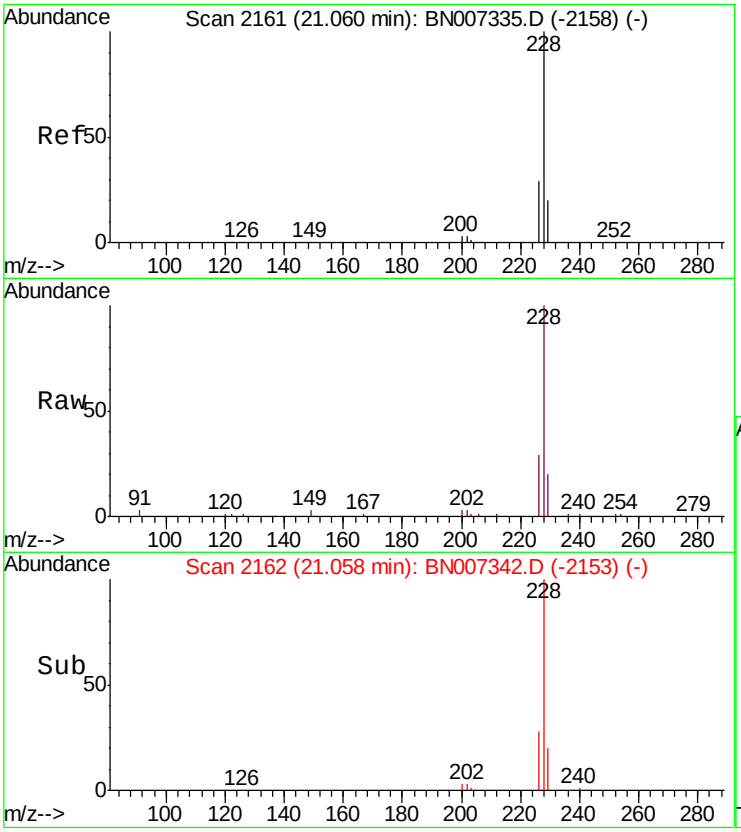


#30
Benzo(a)anthracene
Concen: 0.409 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion:228 Resp: 40323

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.3	31.9
229	20.3	16.1	24.1



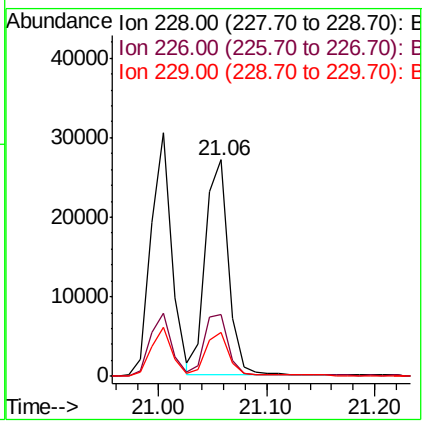


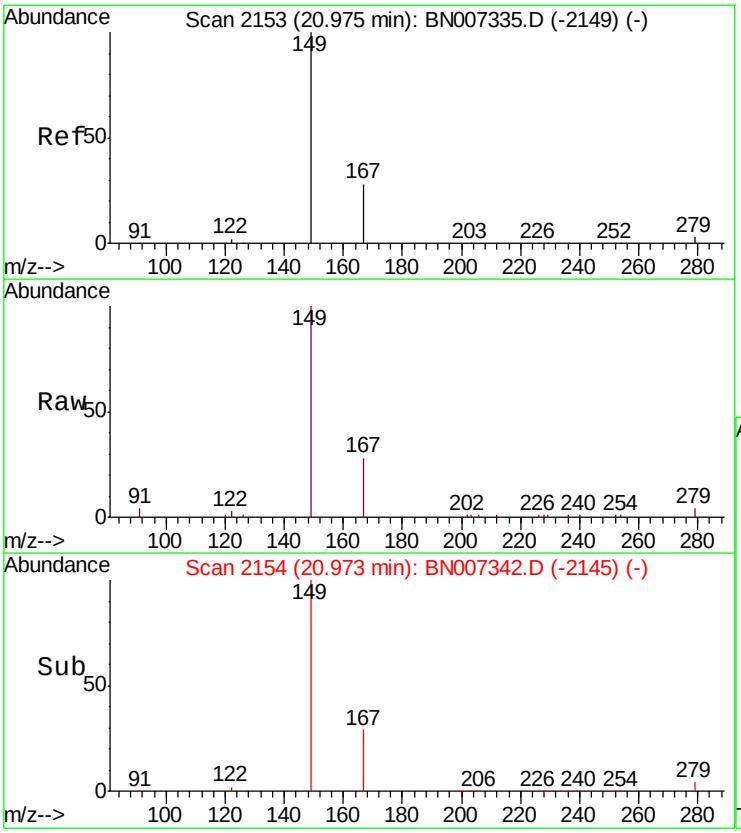
#31
Chrysene
Concen: 0.421 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 40084

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.5	35.3
229	20.3	16.6	24.8

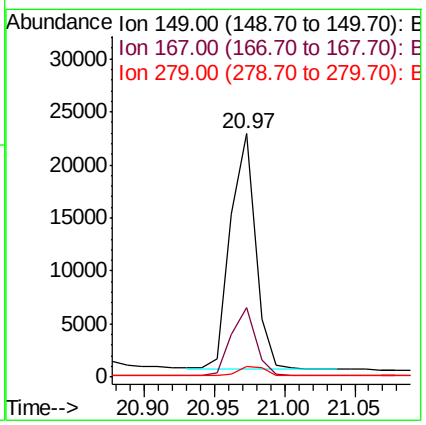


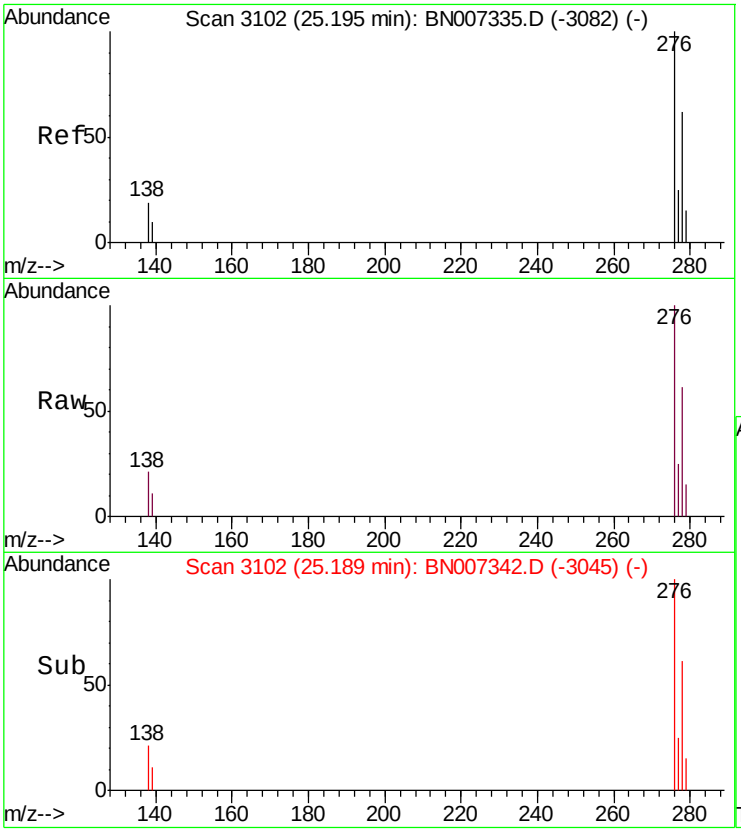


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.414 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion:149 Resp: 27609

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	4.8	3.5	5.3



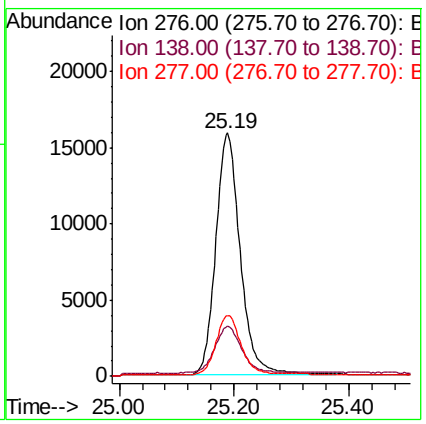


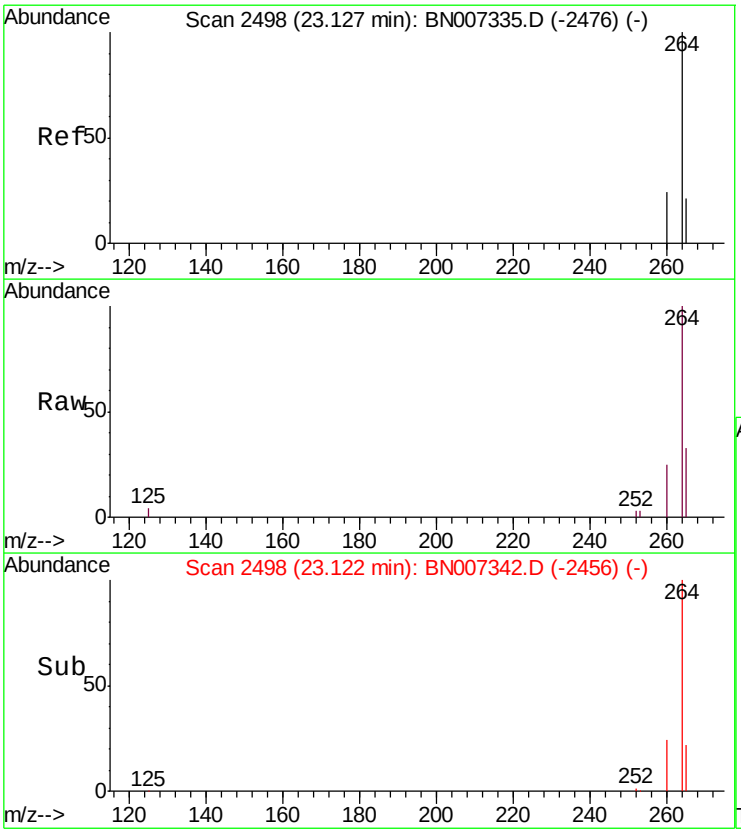
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 47062

Ion	Ratio	Lower	Upper
276	100		
138	20.6	15.1	22.7
277	24.7	19.7	29.5

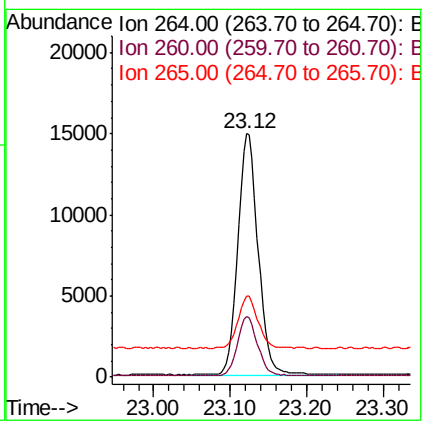


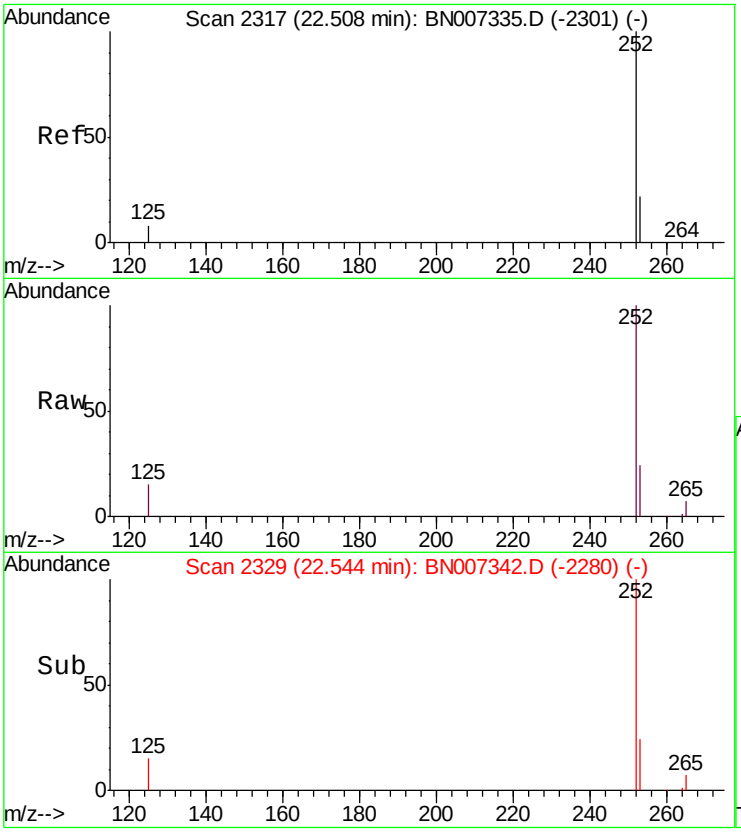


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion:264 Resp: 27220

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	33.5	29.9	44.9



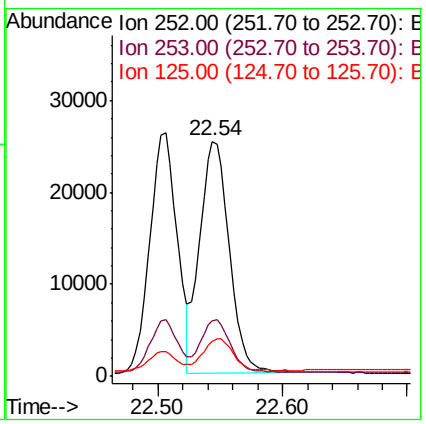


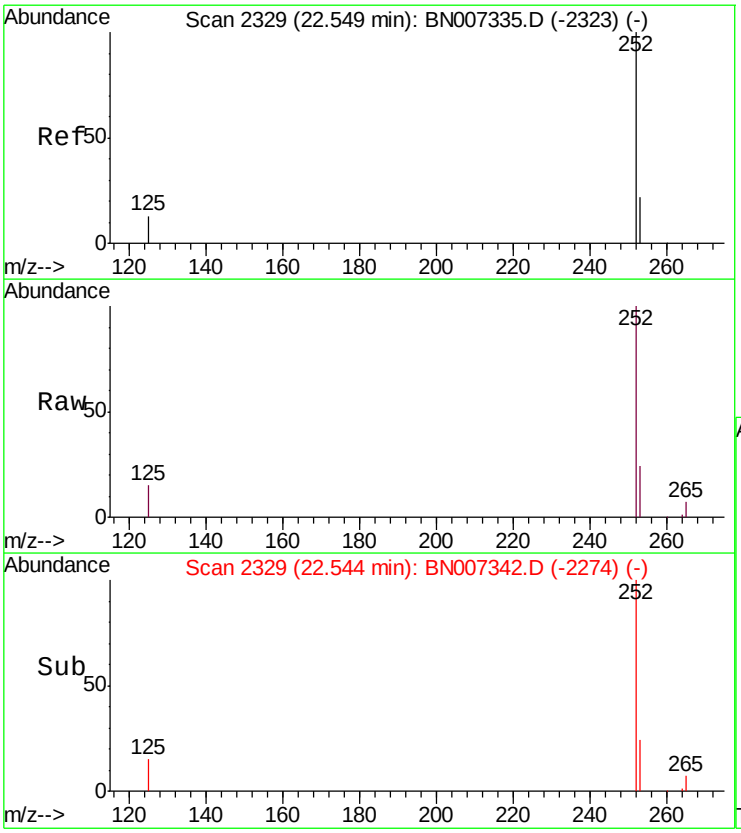
#35
Benzo(b)fluoranthene
Concen: 0.424 ng
RT: 22.54 min Scan# 2329
Delta R.T. 0.04 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 41805

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	15.1	10.6	16.0

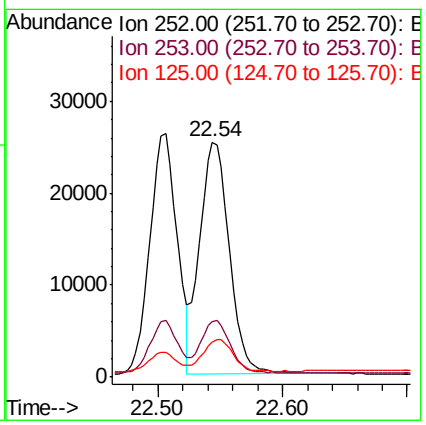


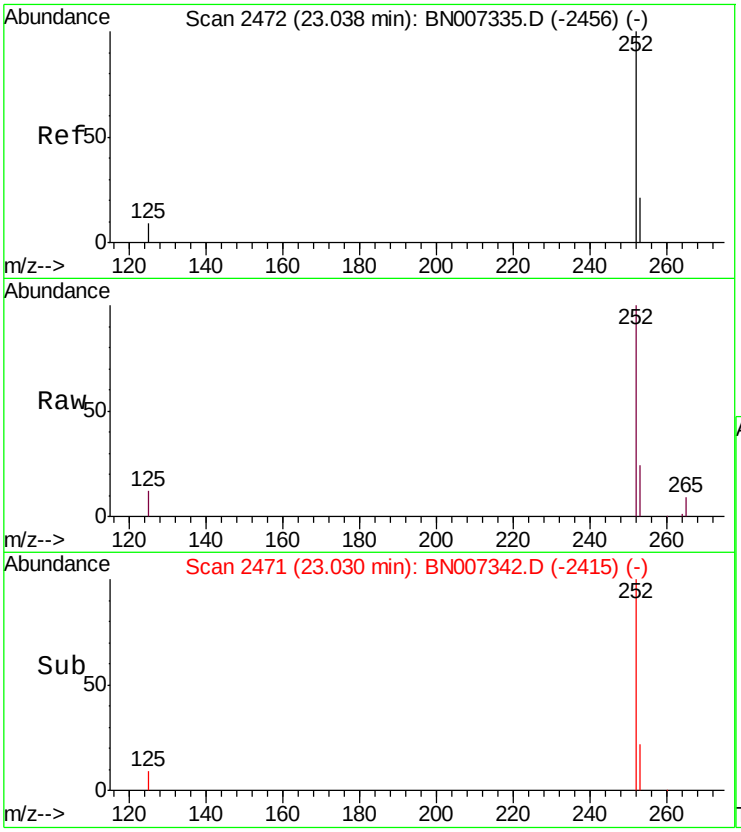


#36
Benzo(k)fluoranthene
Concen: 0.429 ng
RT: 22.54 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion:252 Resp: 41805

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.4	29.2
125	15.1	13.1	19.7



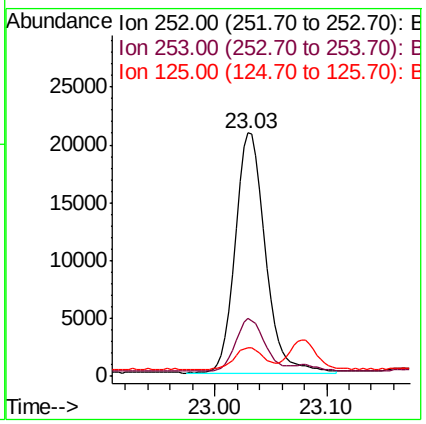


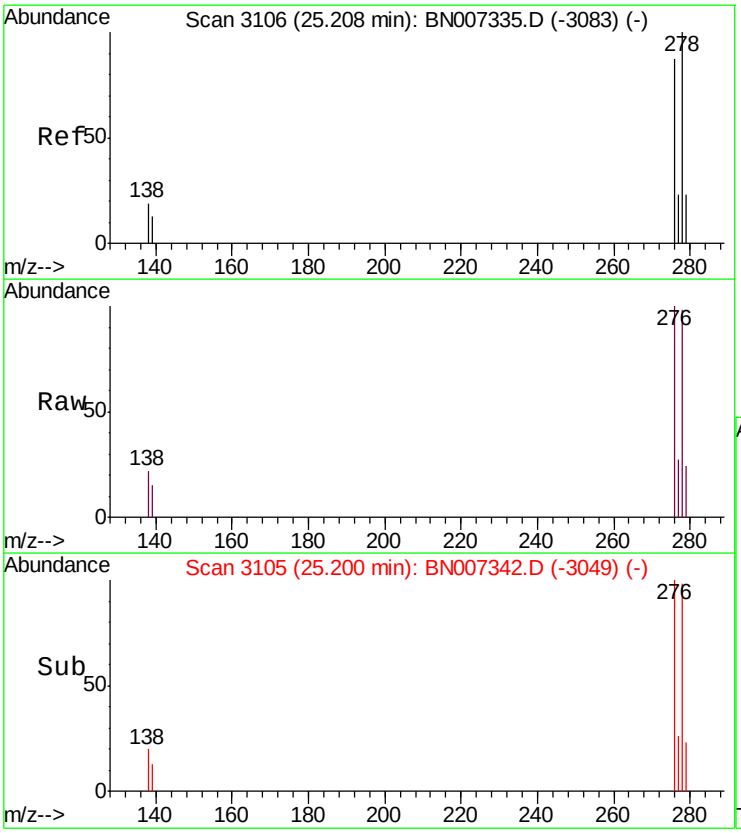
#37
Benzo(a)pyrene
Concen: 0.411 ng
RT: 23.03 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 38578

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.5	29.3
125	11.9	12.1	18.1#

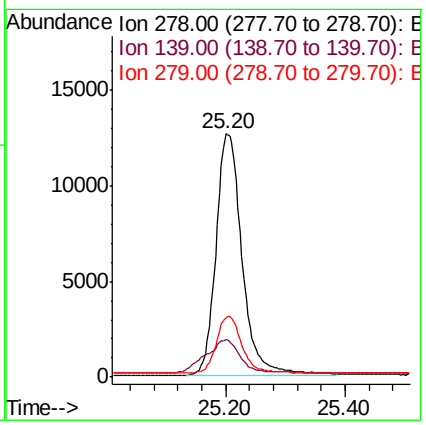


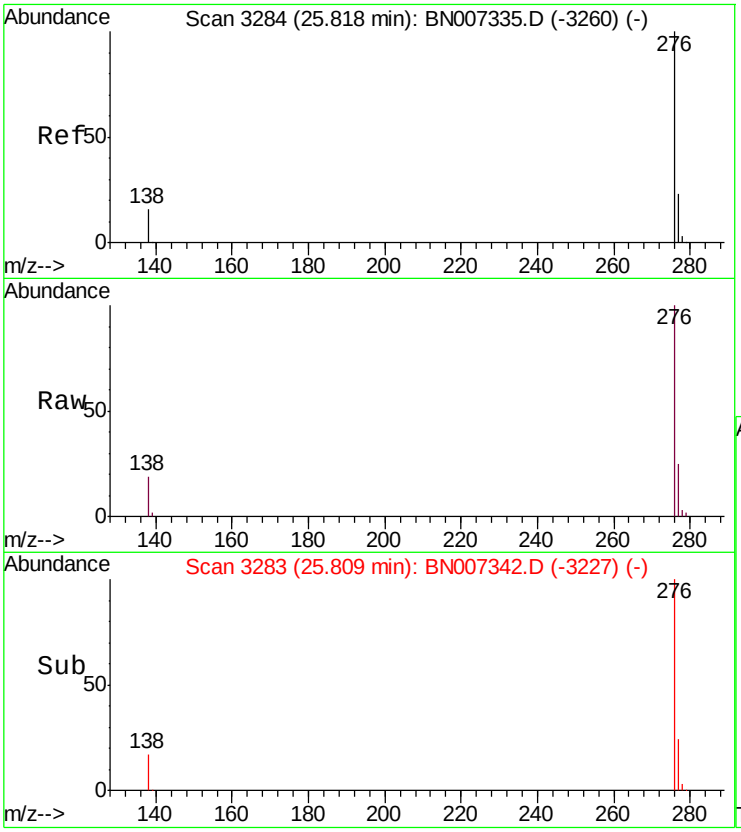


#38
Dibenzo(a,h)anthracene
Concen: 0.407 ng
RT: 25.20 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Tgt Ion:278 Resp: 38122

Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.7	20.5
279	24.4	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.409 ng
RT: 25.81 min Scan# 3283
Delta R.T. -0.01 min
Lab File: BN007342.D
Acq: 24 Aug 2019 00:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 38118

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	18.5	16.3	24.5