Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007375.D
Acq On : 24 Aug 2019 22:06
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Aug 24 23:43:54 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	6319	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	26243	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	14241	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	31682	0.40	ng		0.00
27) Chrysene-d12	21.02	240	31417	0.40	ng		0.00
34) Perylene-d12	23.12	264	34033	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	8563	0.39	ng		0.00
5) Phenol-d6	6.59	99	10663	0.38	ng		0.00
8) Nitrobenzene-d5	8.53	82	8932	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	18212	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	3314	0.44	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	24398	0.42	ng		0.00
25) Fluoranthene-d10	18.84	212	42184	0.41	ng		0.00
29) Terphenyl-d14	19.46	244	33943	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	3847	0.366	ng	#	80
3) n-Nitrosodimethylamine	3.33	42	1799	0.369	ng	#	92
6) bis(2-Chloroethyl)ether	6.84	93	9244	0.405	ng		94
9) Naphthalene	10.20	128	31121	0.415	ng	#	90
10) Hexachlorobutadiene	10.51	225	6384	0.416	ng	#	100
12) 2-Methylnaphthalene	11.83	142	21239	0.416	ng		96
16) Acenaphthylene	13.76	152	34782	0.413	ng		99
17) Acenaphthene	14.11	154	20689	0.420	ng		97
18) Fluorene	15.10	166	26243	0.421	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	4767	0.382	ng		92
21) Hexachlorobenzene	16.11	284	9463	0.446	ng		96
22) Pentachlorophenol	16.46	266	3561	0.540	ng	#	64
23) Phenanthrene	16.84	178	41110	0.431	ng		99
24) Anthracene	16.93	178	40185	0.419	ng		99
26) Fluoranthene	18.87	202	51708	0.423	ng		100
28) Pyrene	19.24	202	53294	0.422	ng		100
30) Benzo(a)anthracene	21.00	228	51727	0.419	ng		100
31) Chrysene	21.05	228	50506	0.424	ng		98
32) Bis(2-ethylhexyl)phthalate	20.97	149	31373	0.374	ng		99
33) Indeno(1,2,3-cd)pyrene	25.19	276	60523	0.422	ng		98
35) Benzo(b)fluoranthene	22.50	252	52522	0.426	ng	#	95
36) Benzo(k)fluoranthene	22.54	252	52268	0.429	ng		99
37) Benzo(a)pyrene	23.03	252	48540	0.414	ng	#	94
38) Dibenzo(a,h)anthracene	25.20	278	48363	0.413	ng	#	68
39) Benzo(g,h,i)perylene	25.81	276	48545	0.416	ng		97

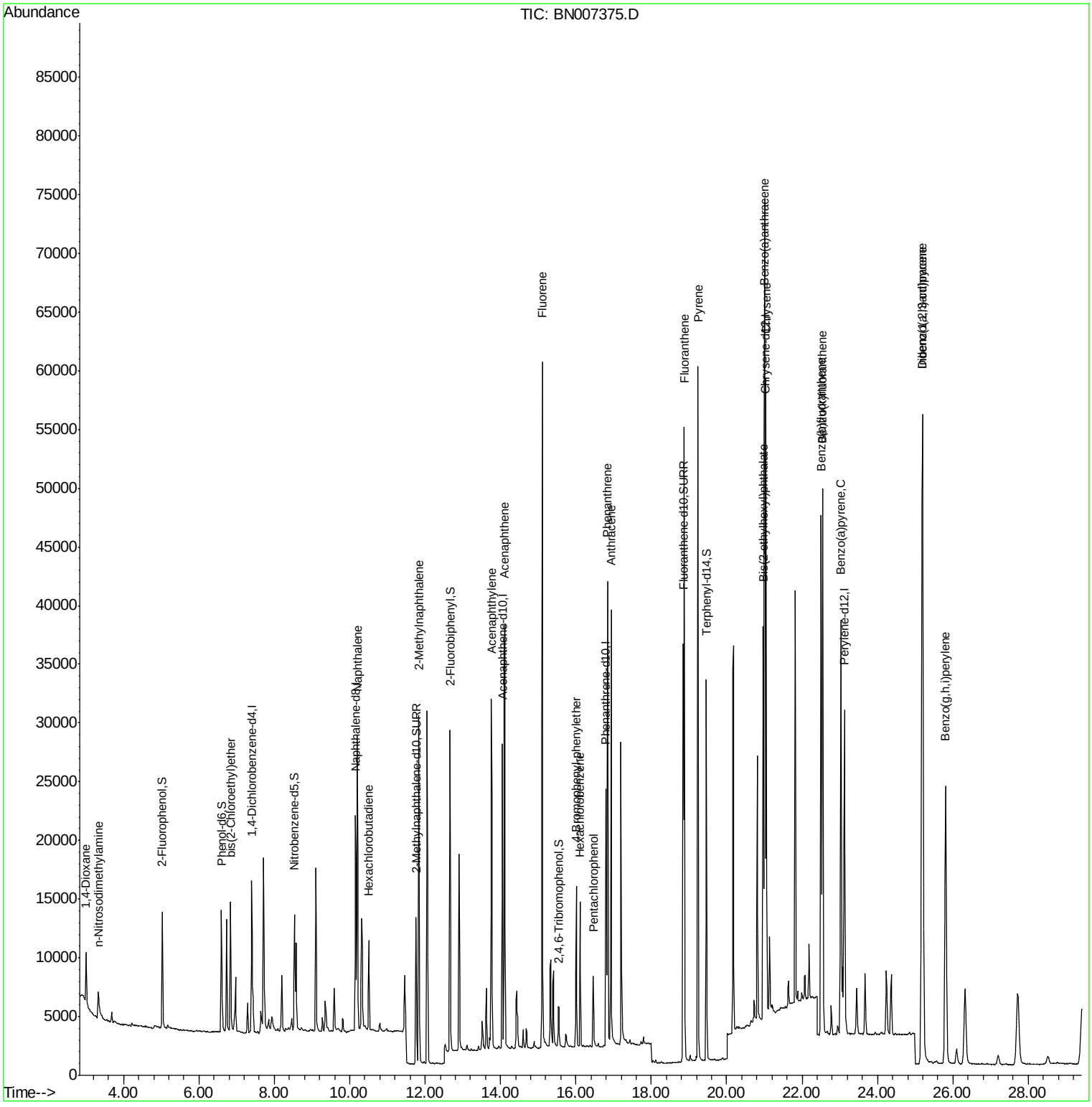
(#) = qualifier out of range (m) = manual integration (+) = signals summed

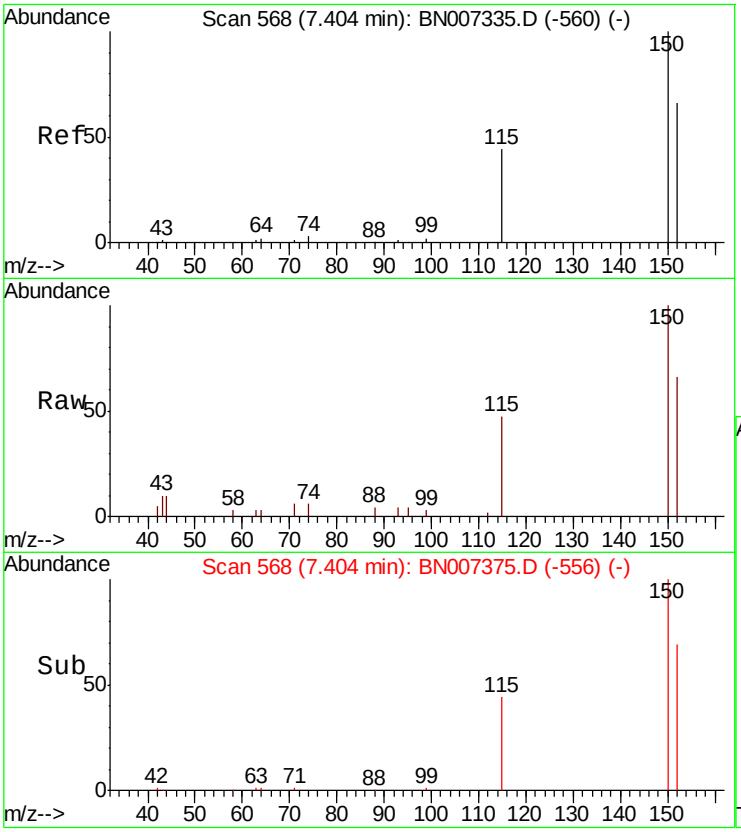
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007375.D
Acq On : 24 Aug 2019 22:06
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 24 23:43:54 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



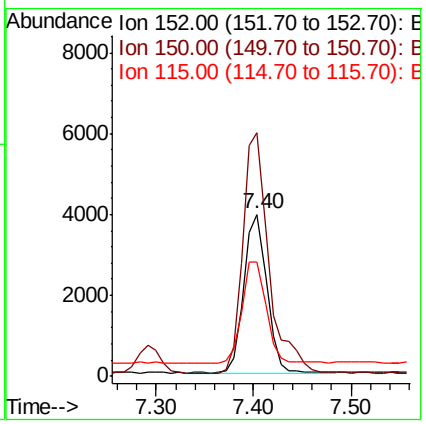


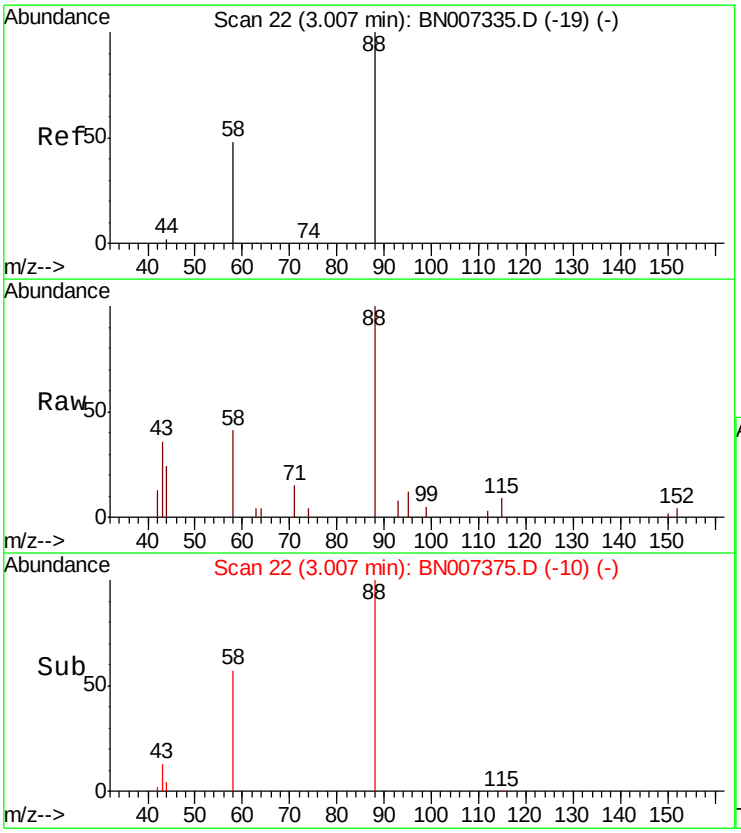
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6319

Ion	Ratio	Lower	Upper
152	100		
150	150.4	109.1	163.7
115	71.0	59.6	89.4

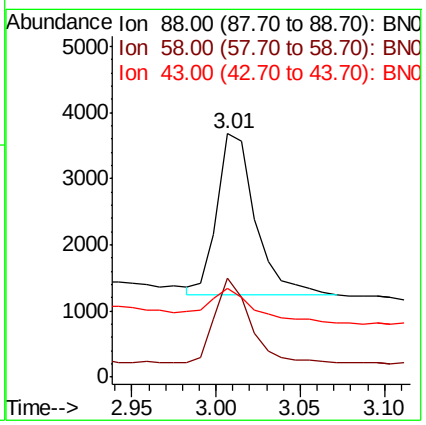


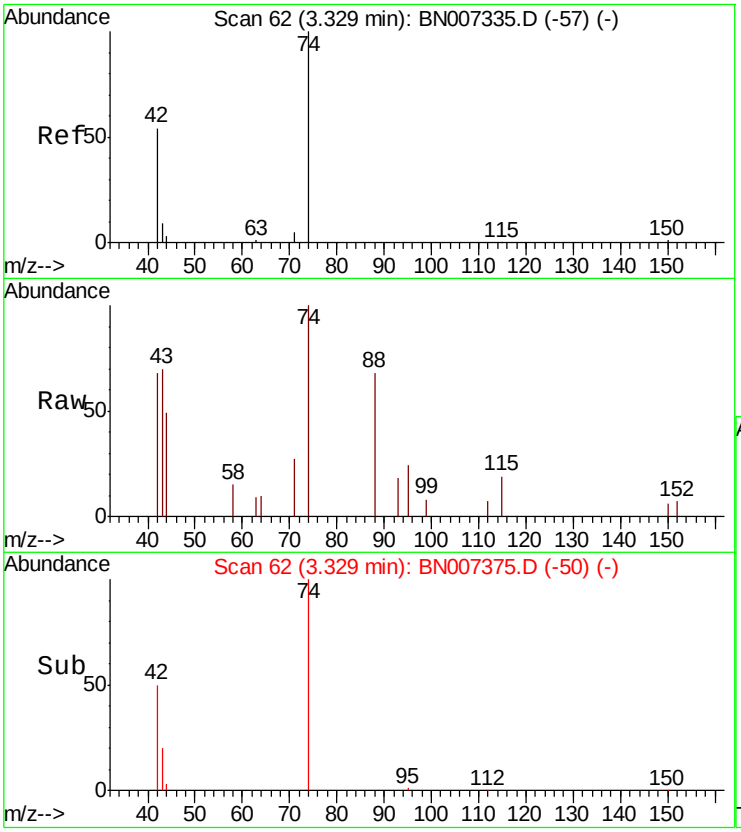


#2
1,4-Dioxane
Concen: 0.366 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion: 88 Resp: 3847

Ion	Ratio	Lower	Upper
88	100		
58	47.4	50.5	75.7#
43	27.1	0.0	0.0#



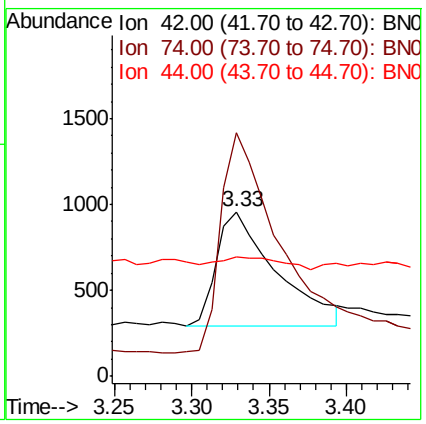


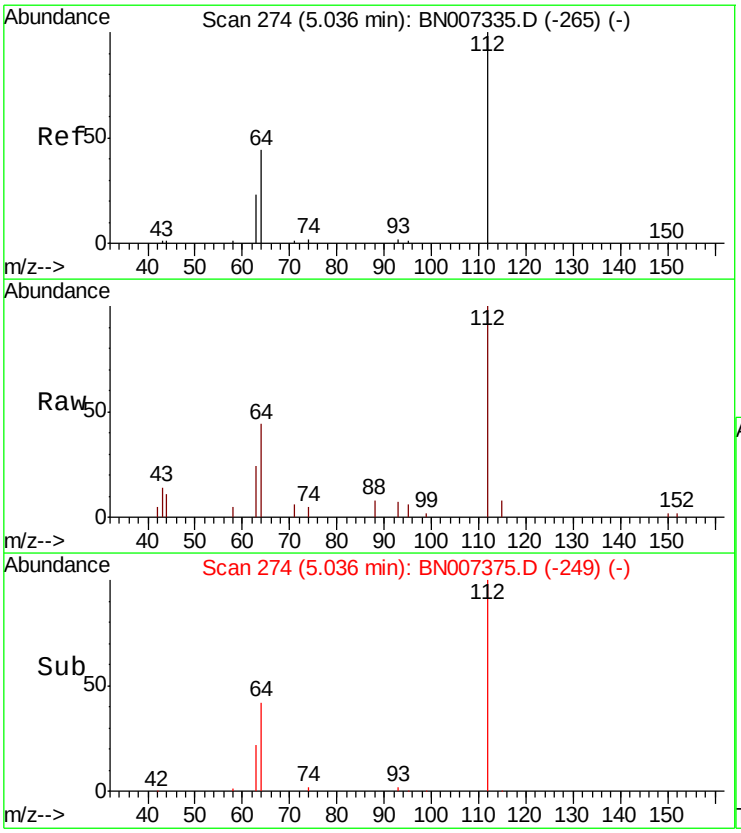
#3
n-Nitrosodimethylamine
Concen: 0.369 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1799

Ion	Ratio	Lower	Upper
42	100		
74	192.1	144.7	217.1
44	12.2	3.2	4.8#

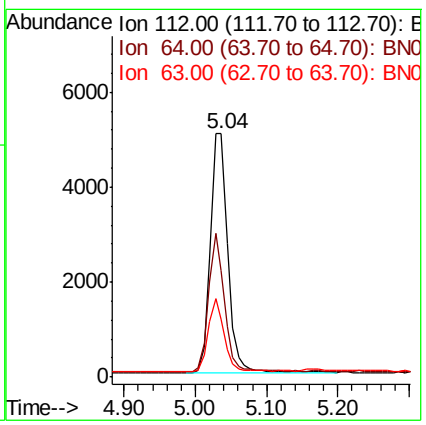


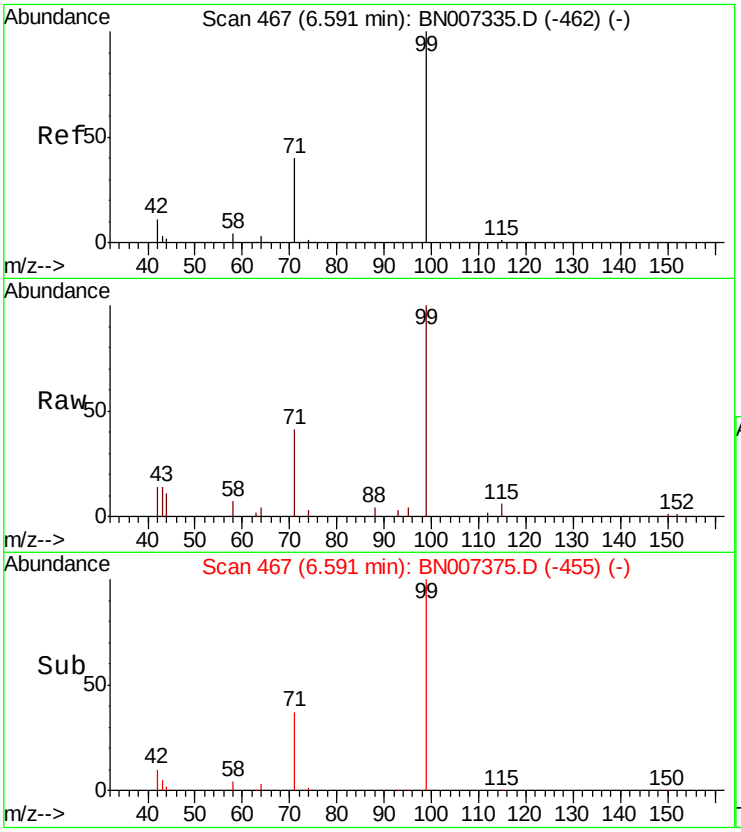


#4
2-Fluorophenol
Concen: 0.390 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:112 Resp: 8563

Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.3	63.5
63	27.8	23.6	35.4



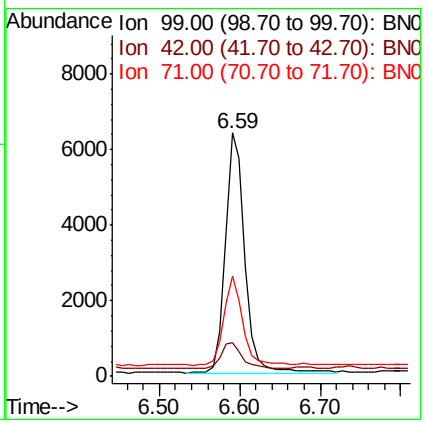


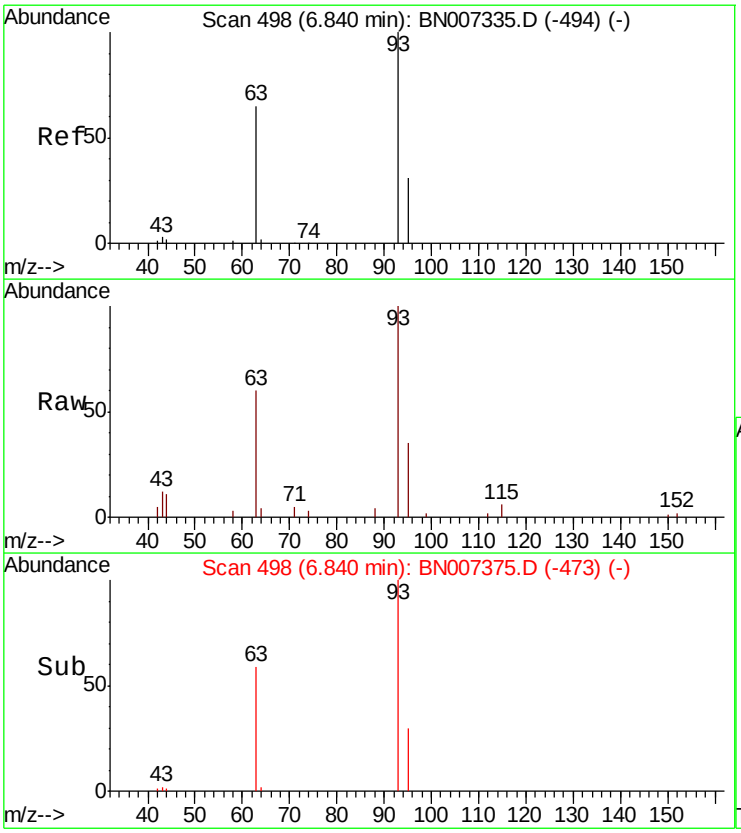
#5
Phenol-d6
Concen: 0.381 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 10663

Ion	Ratio	Lower	Upper
99	100		
42	11.8	11.2	16.8
71	36.1	31.8	47.8

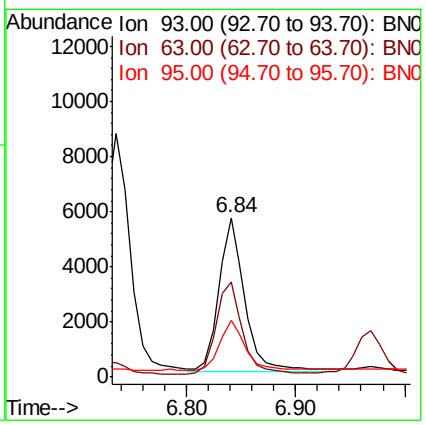


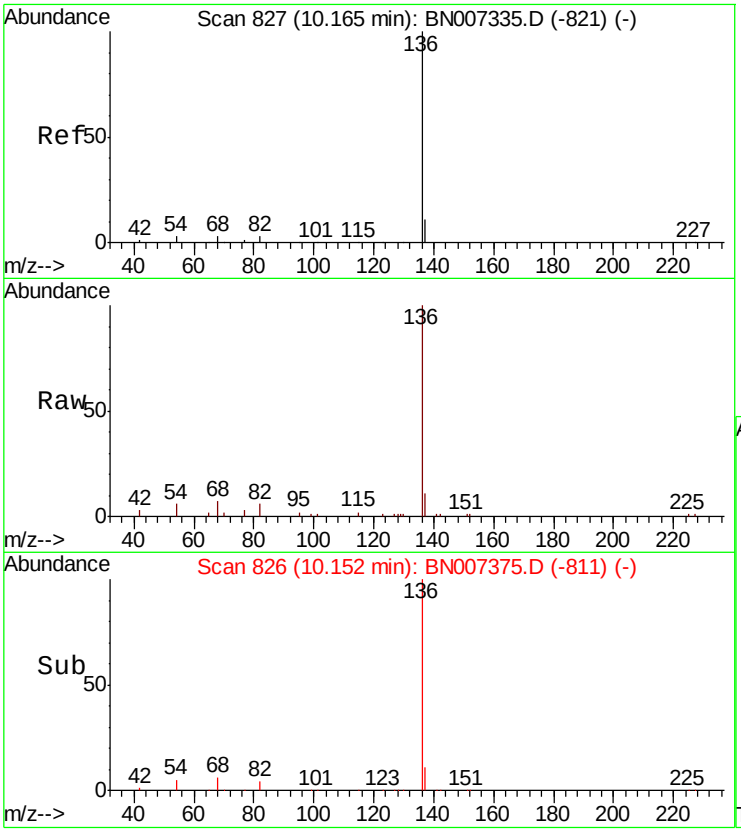


#6
bis(2-Chloroethyl)ether
Concen: 0.405 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion: 93 Resp: 9244

Ion	Ratio	Lower	Upper
93	100		
63	60.7	51.9	77.9
95	30.8	27.7	41.5



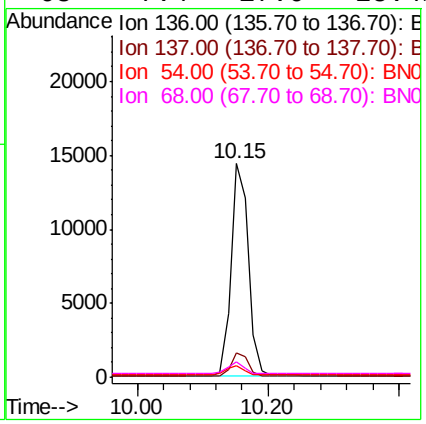


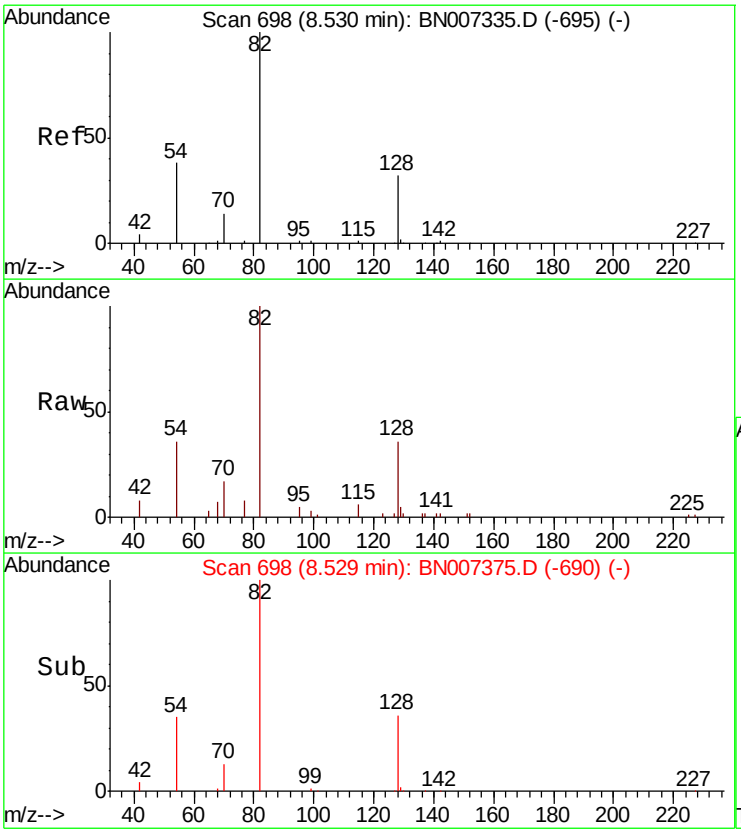
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 26243

Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	5.7	8.6	12.8#
68	7.4	17.0	25.4#

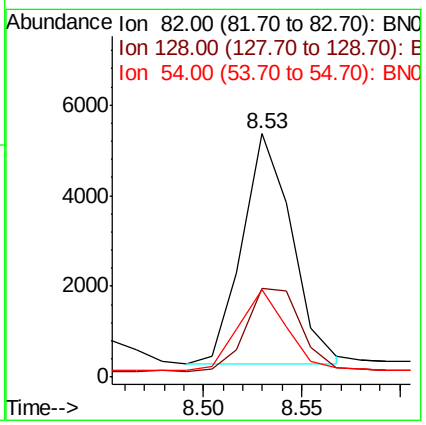


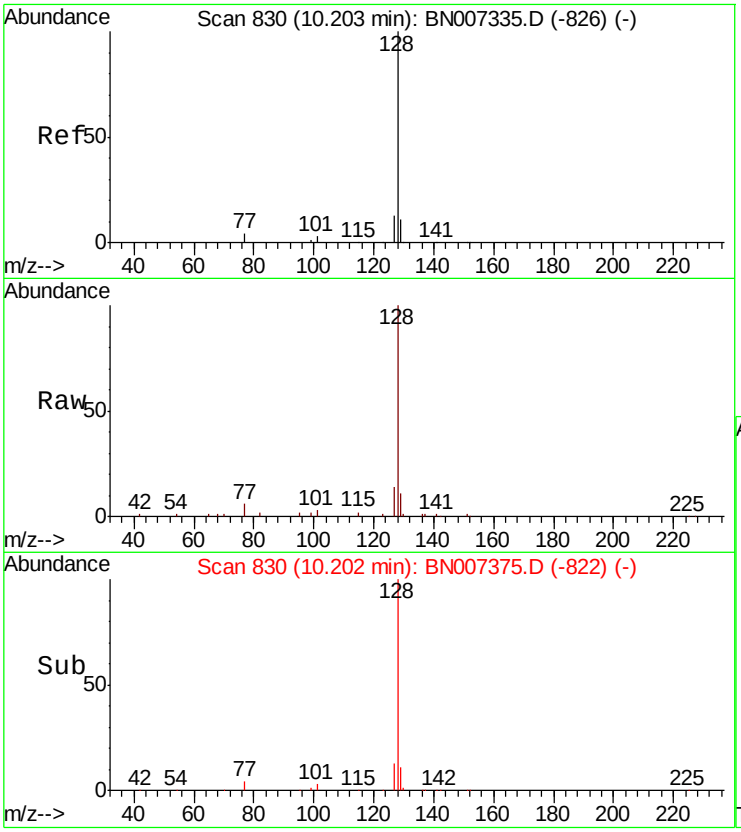


#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion: 82 Resp: 8932

Ion	Ratio	Lower	Upper
82	100		
128	36.3	19.7	29.5#
54	35.8	25.8	38.6



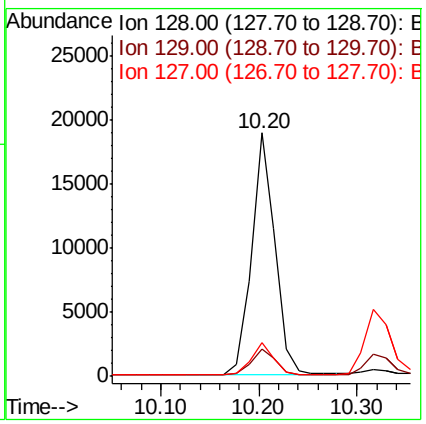


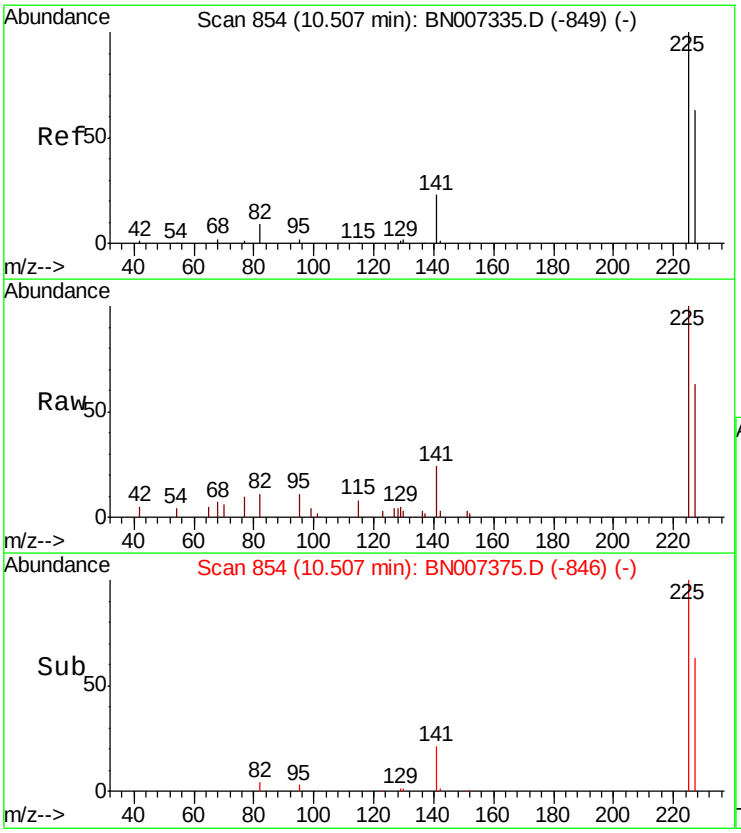
#9
Naphthalene
Concen: 0.415 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 31121

Ion	Ratio	Lower	Upper
128	100		
129	11.2	11.1	16.7
127	13.6	15.5	23.3#

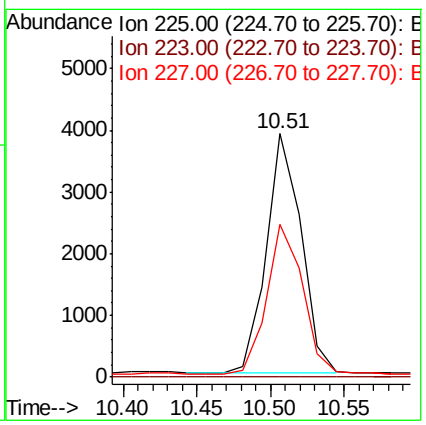


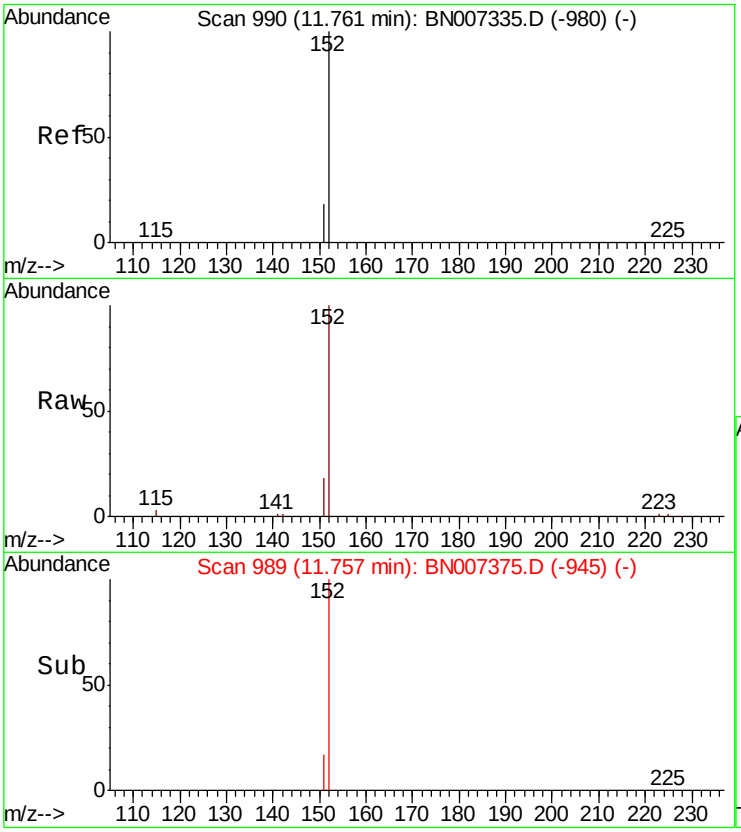


#10
Hexachlorobutadiene
Concen: 0.416 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:225 Resp: 6384

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.7	76.1



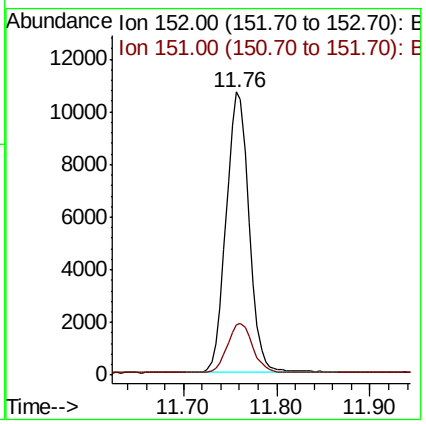


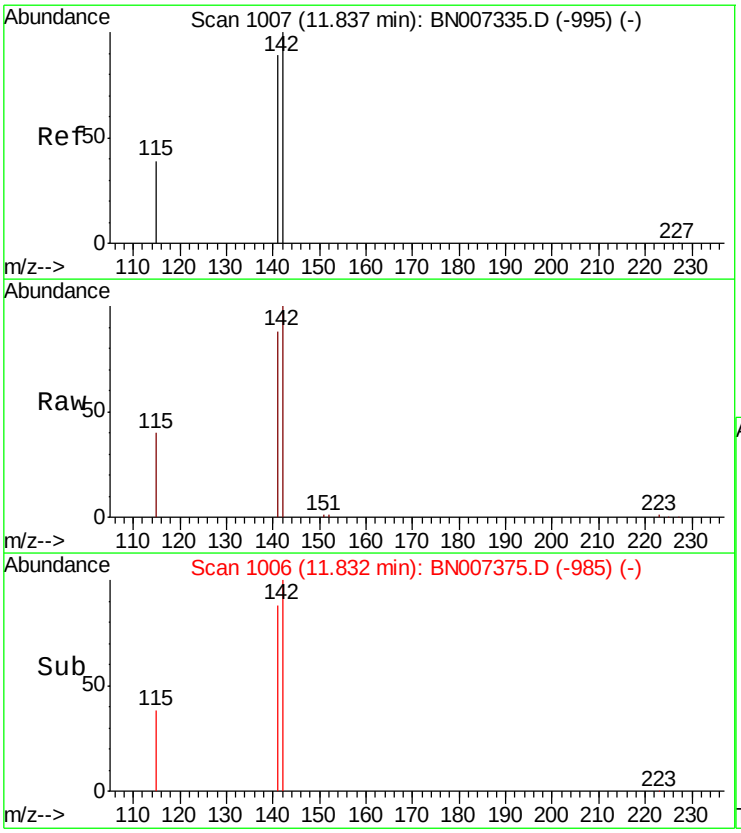
#11
2-Methylnaphthalene-d10
Concen: 0.418 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 18212

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.2

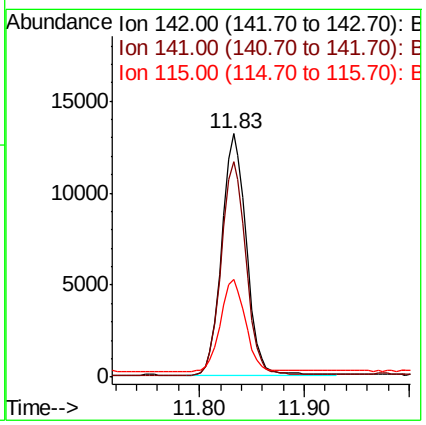


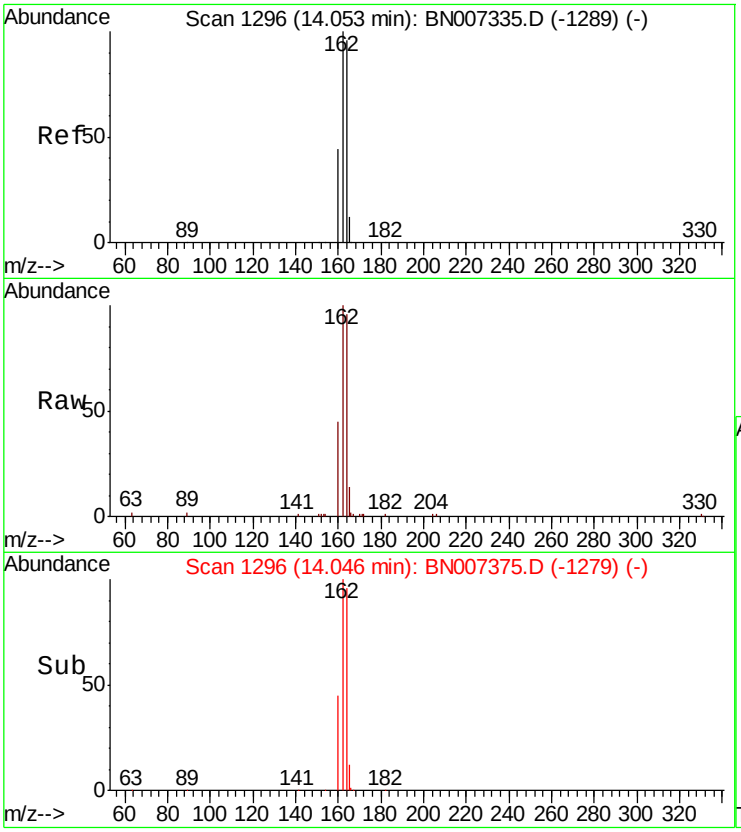


#12
2-Methylnaphthalene
Concen: 0.416 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:142 Resp: 21239

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.8	109.2
115	40.3	35.2	52.8



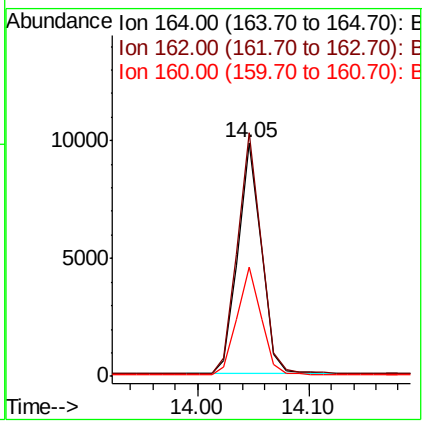


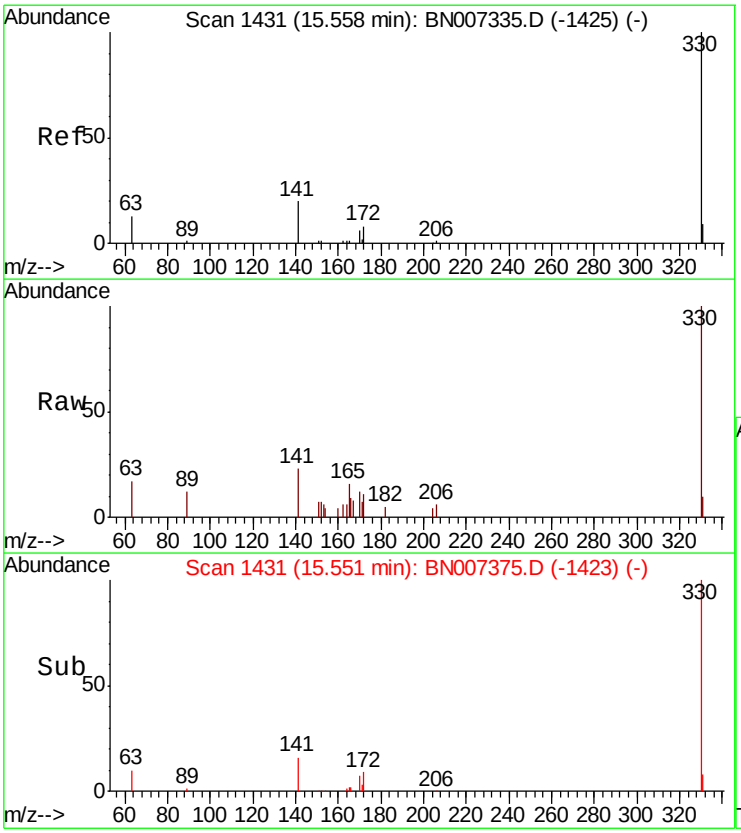
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 14241

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.5	125.3
160	46.7	38.2	57.4

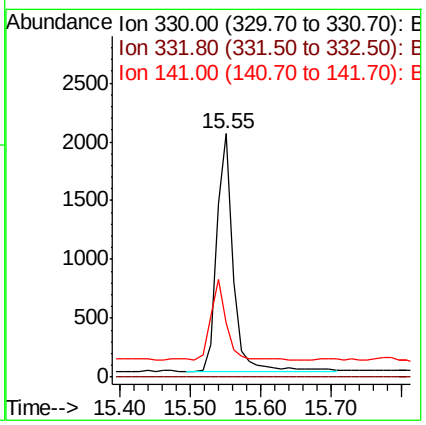


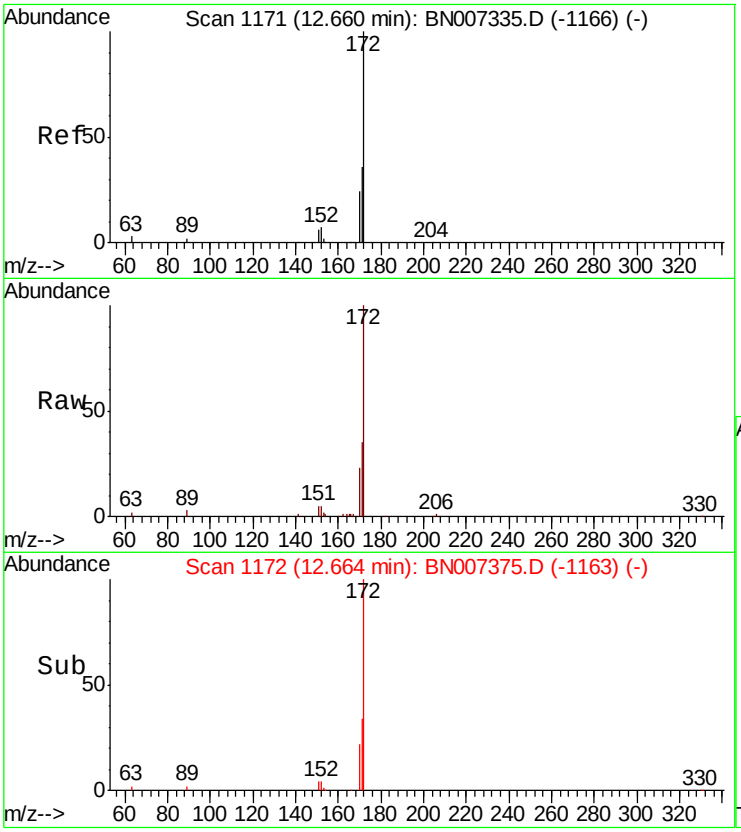


#14
2,4,6-Tribromophenol
Concen: 0.445 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:330 Resp: 3314

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.2	26.9	40.3



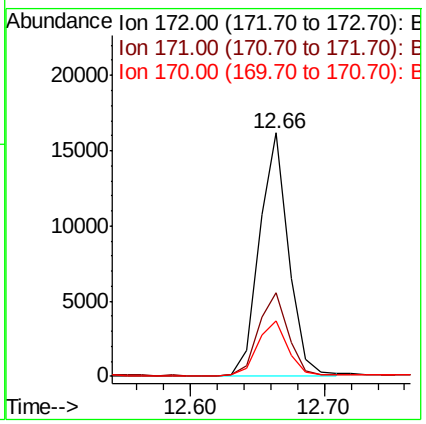


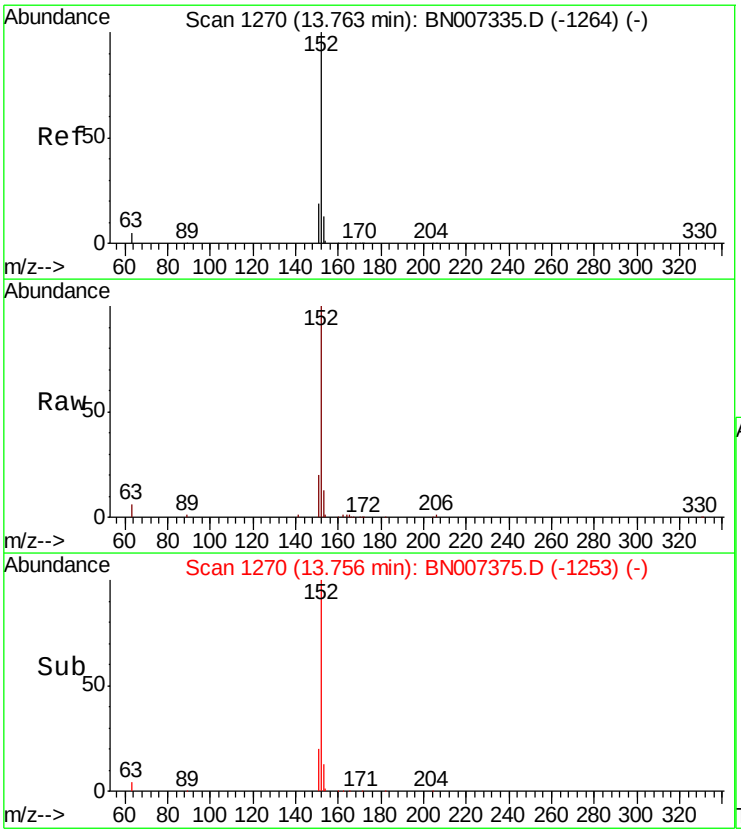
#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 24398

Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.3	45.5
170	22.5	20.7	31.1

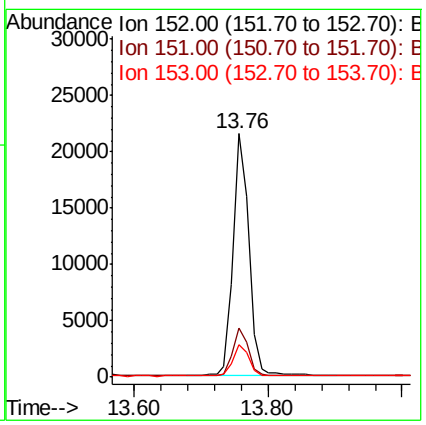


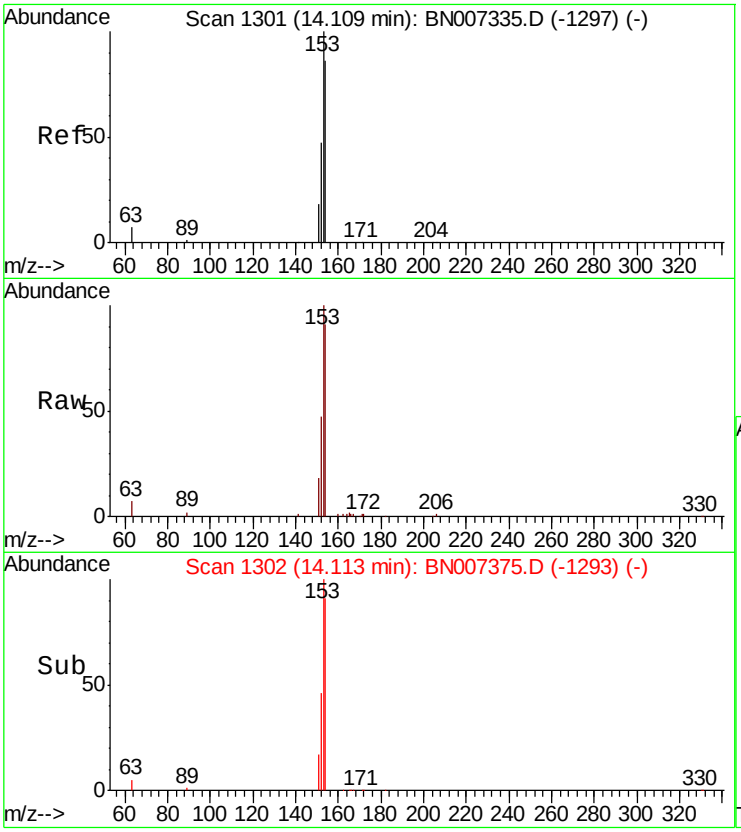


#16
Acenaphthylene
Concen: 0.413 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:152 Resp: 34782

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	12.9	10.6	15.8



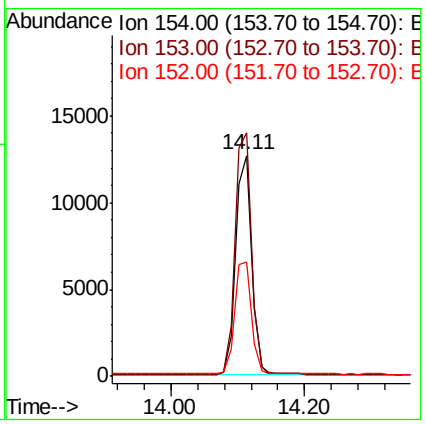


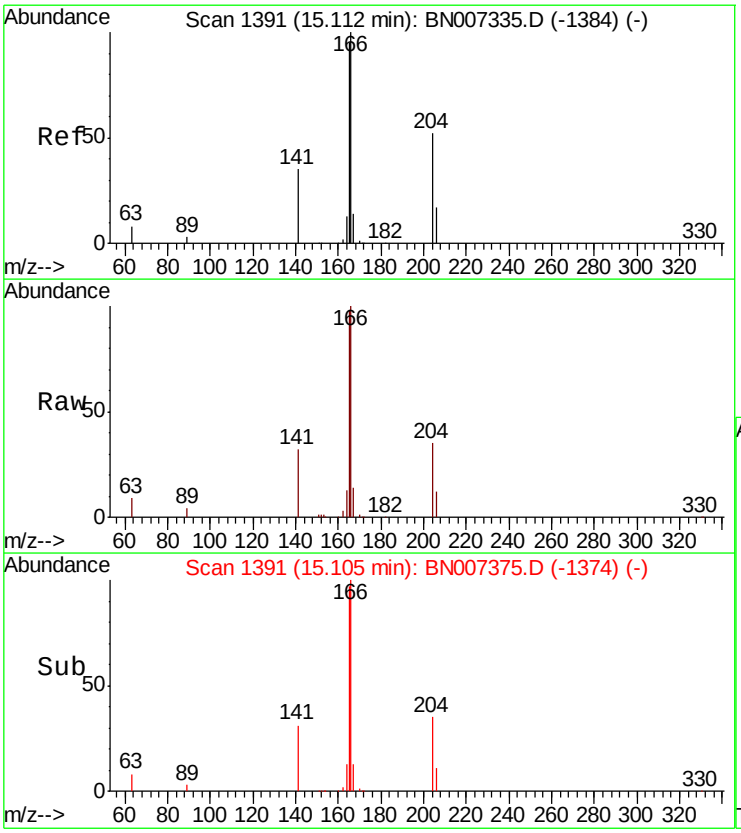
#17
Acenaphthene
Concen: 0.420 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 20689

Ion	Ratio	Lower	Upper
154	100		
153	112.5	92.8	139.2
152	53.2	43.8	65.8

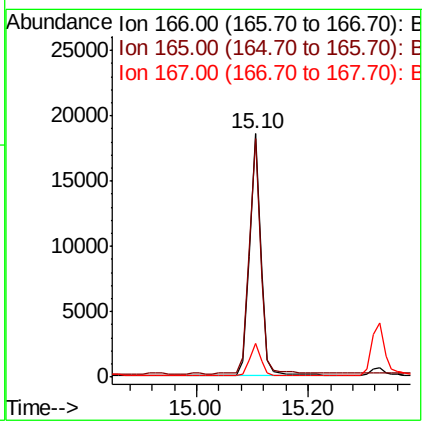


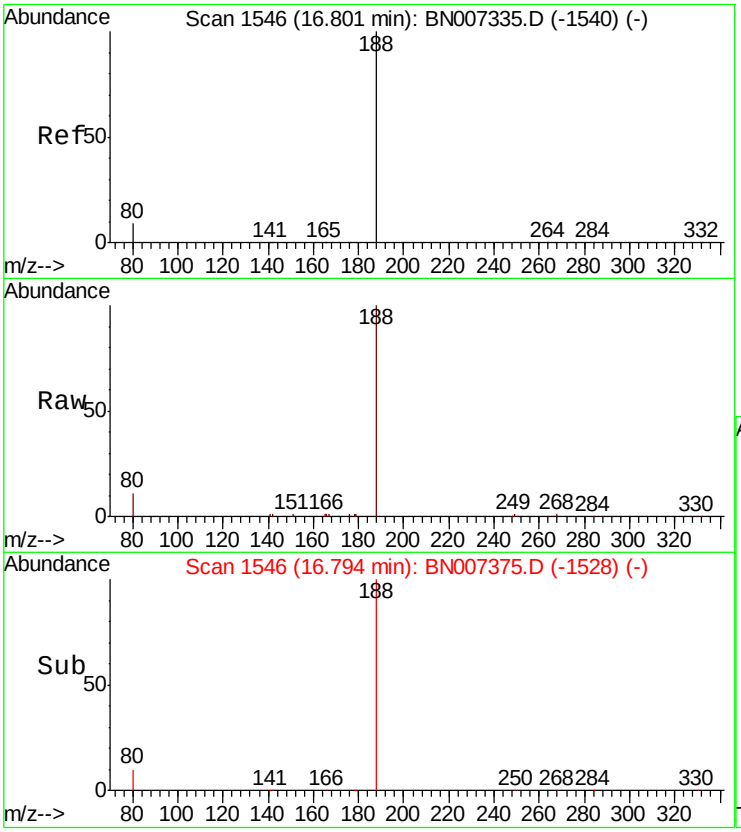


#18
Fluorene
Concen: 0.421 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:166 Resp: 26243

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.0	118.4
167	13.3	10.6	15.8



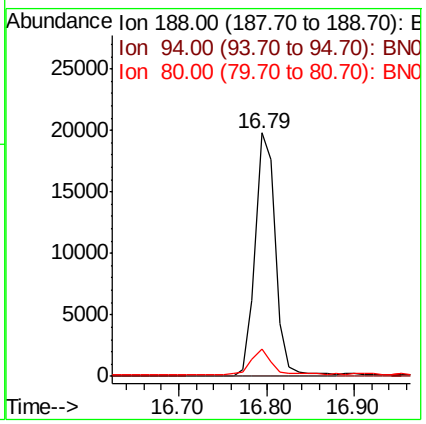


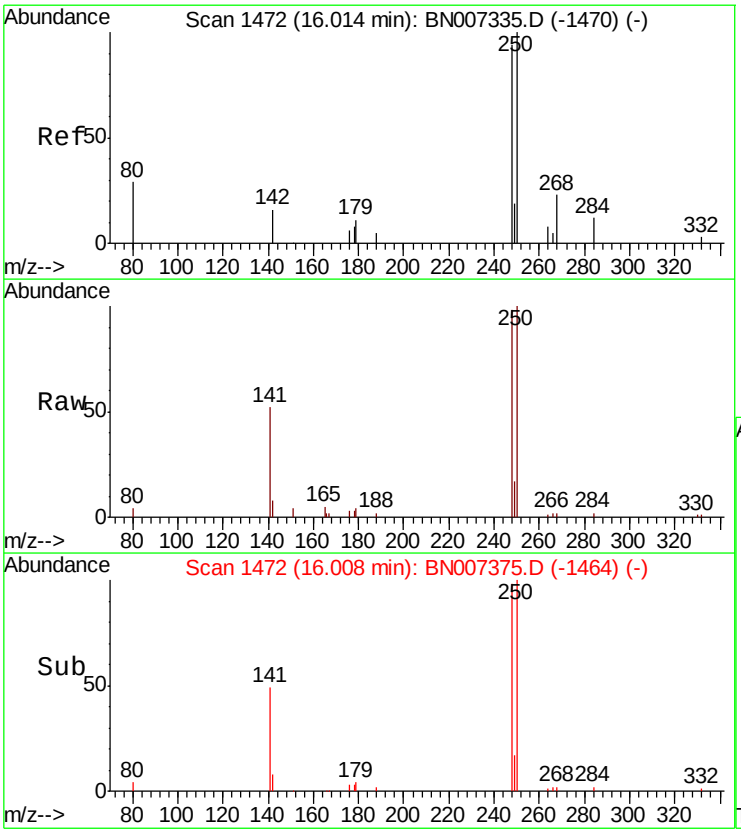
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 31682

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	11.8	17.8#

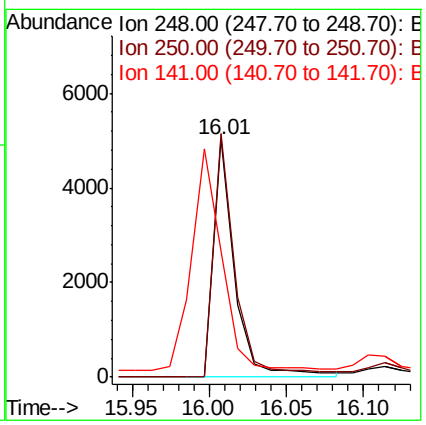


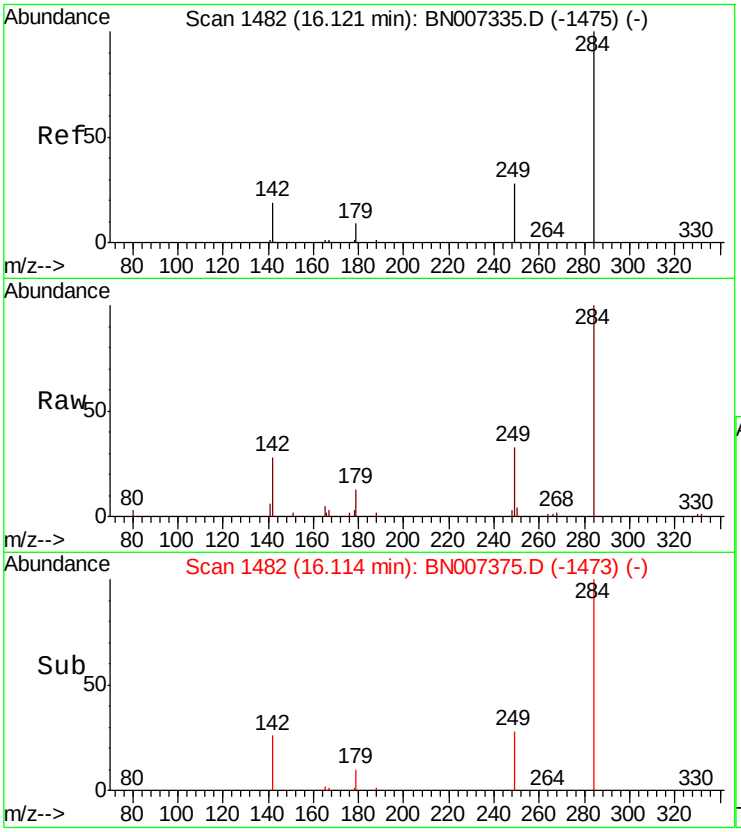


#20
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:248 Resp: 4767

Ion	Ratio	Lower	Upper
248	100		
250	102.2	85.0	127.6
141	52.9	51.7	77.5



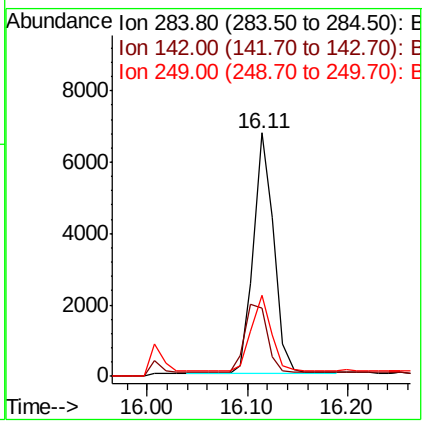


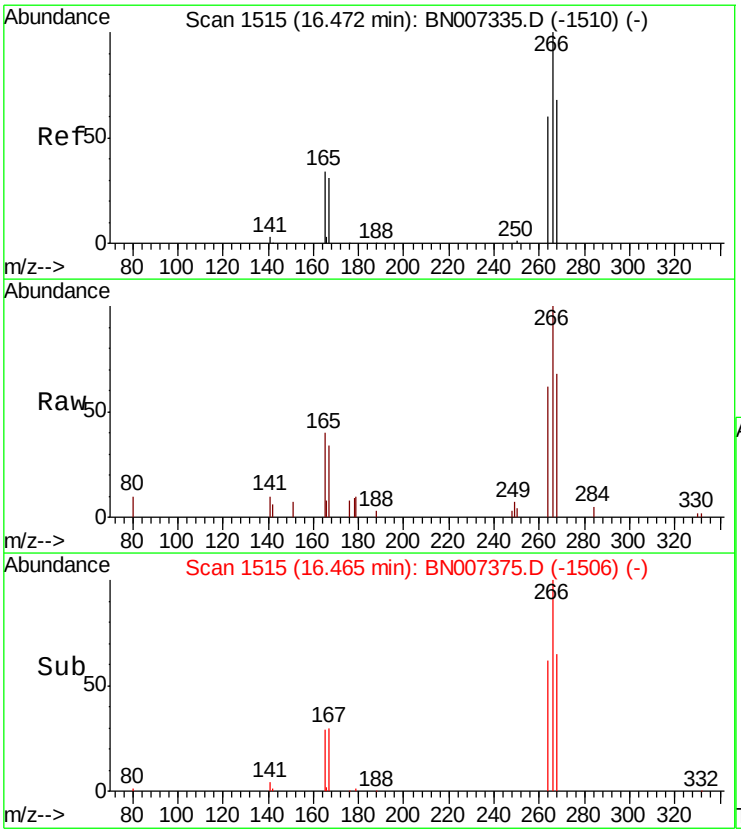
#21
Hexachlorobenzene
Concen: 0.446 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 9463

Ion	Ratio	Lower	Upper
284	100		
142	31.9	29.0	43.6
249	31.0	24.9	37.3

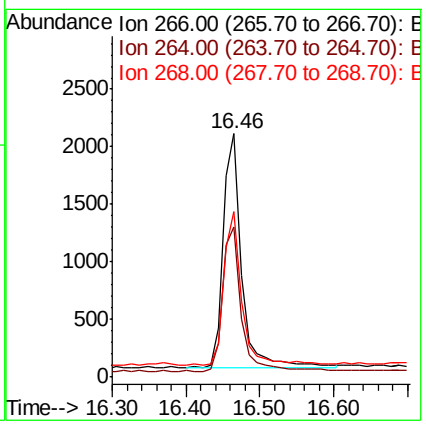


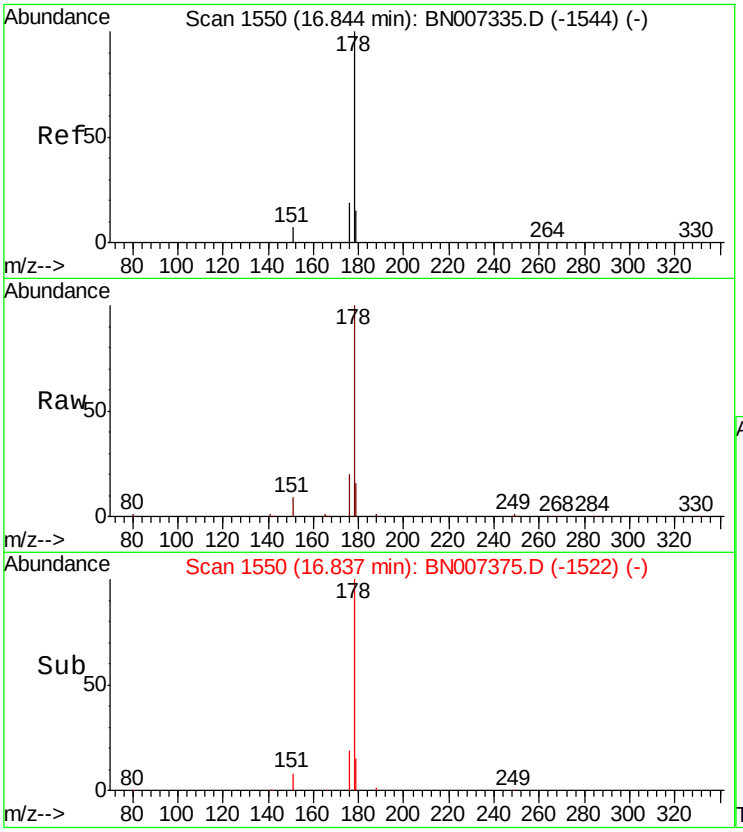


#22
Pentachlorophenol
Concen: 0.540 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:266 Resp: 3561

Ion	Ratio	Lower	Upper
266	100		
264	61.7	57.8	86.8
268	68.0	99.7	149.5#



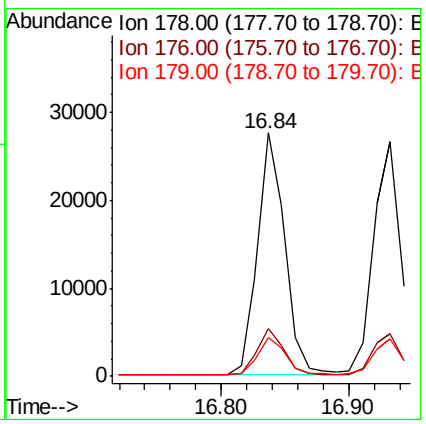


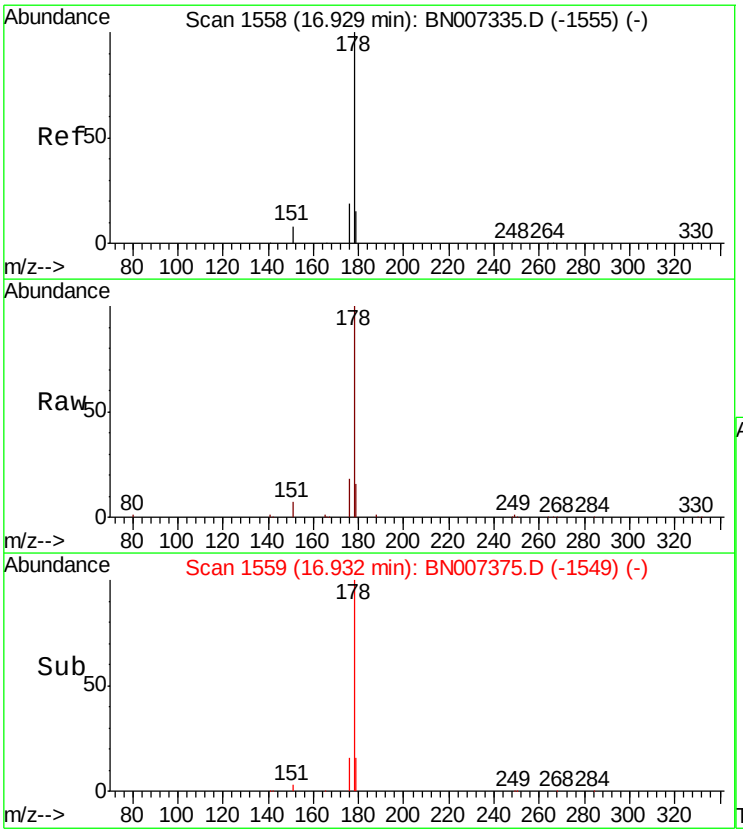
#23
Phenanthrene
Concen: 0.431 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 41110

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.5	12.6	19.0

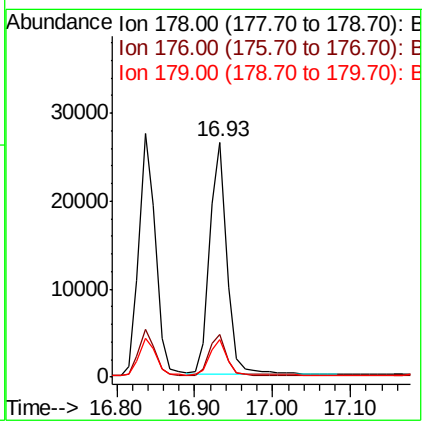


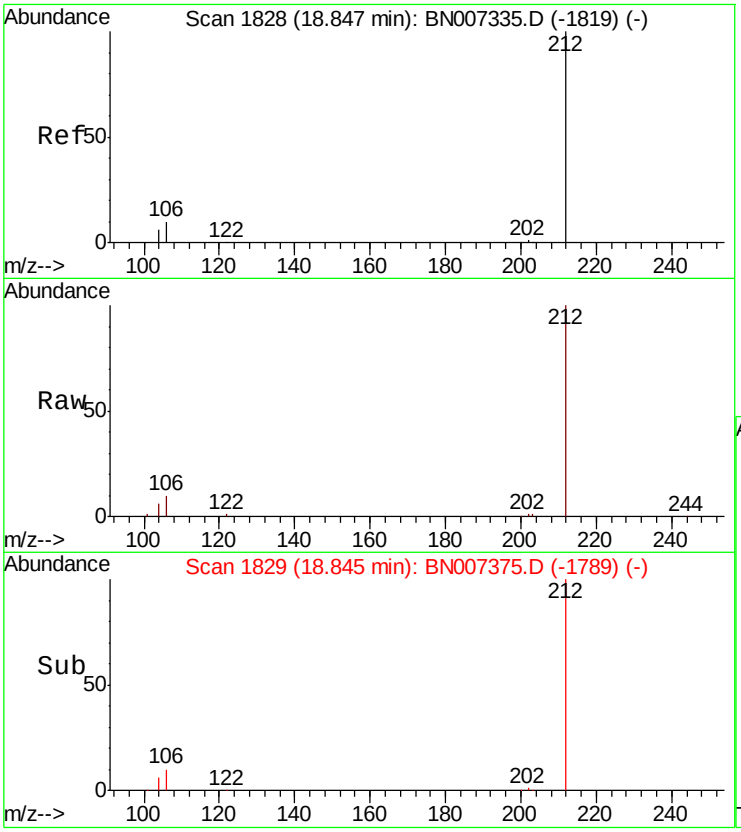


#24
Anthracene
Concen: 0.419 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:178 Resp: 40185

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



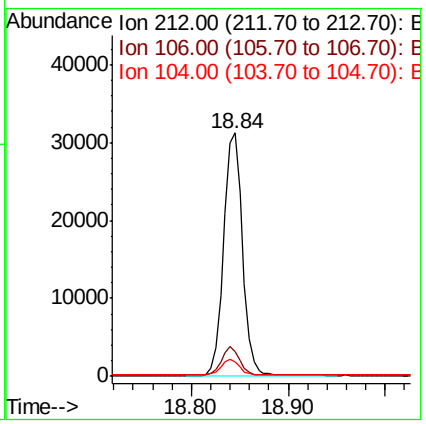


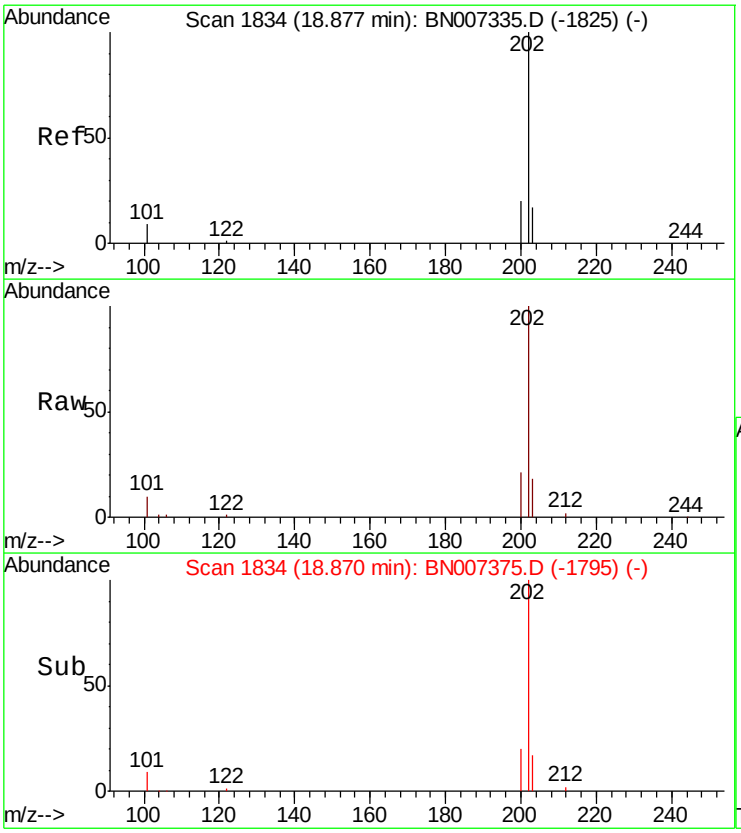
#25
Fluoranthene-d10
Concen: 0.413 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 42184

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.0	13.4
104	6.2	5.4	8.2

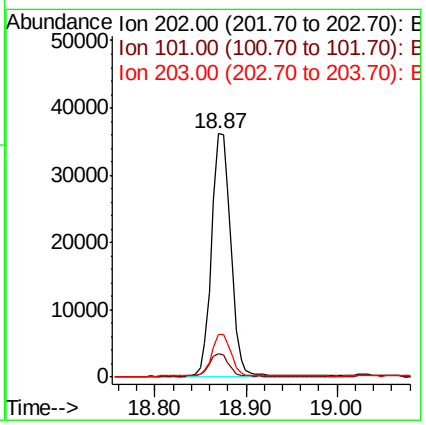


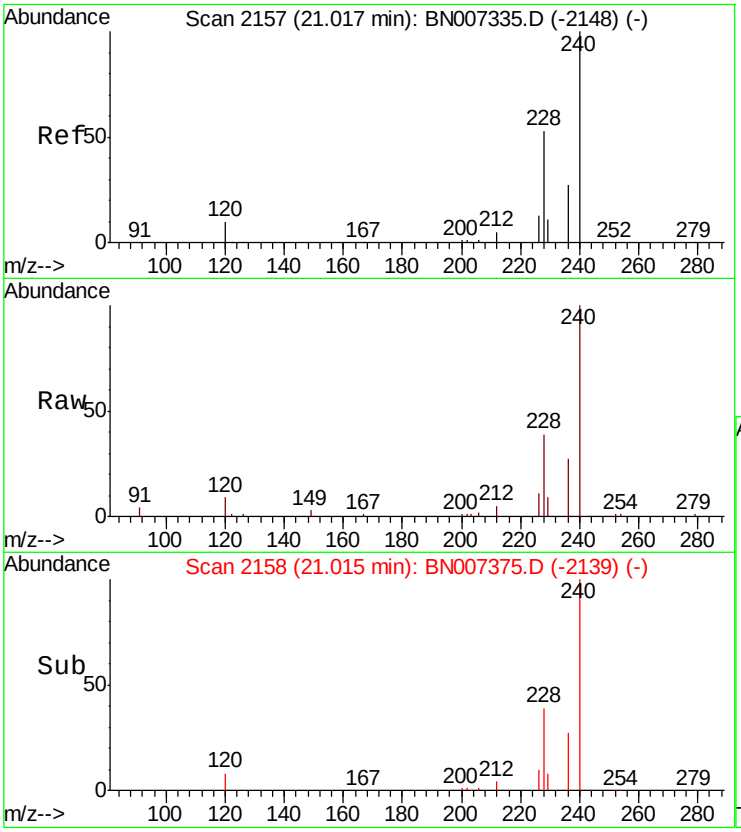


#26
Fluoranthene
Concen: 0.423 ng
RT: 18.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:202 Resp: 51708

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.7	11.5
203	17.0	13.7	20.5



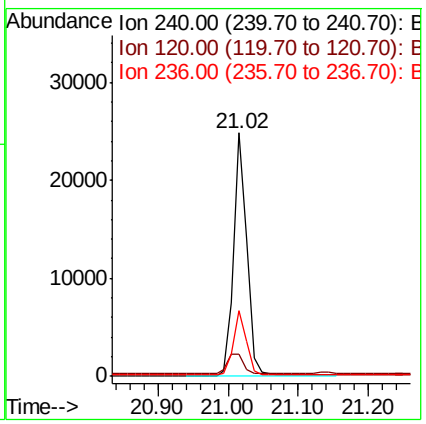


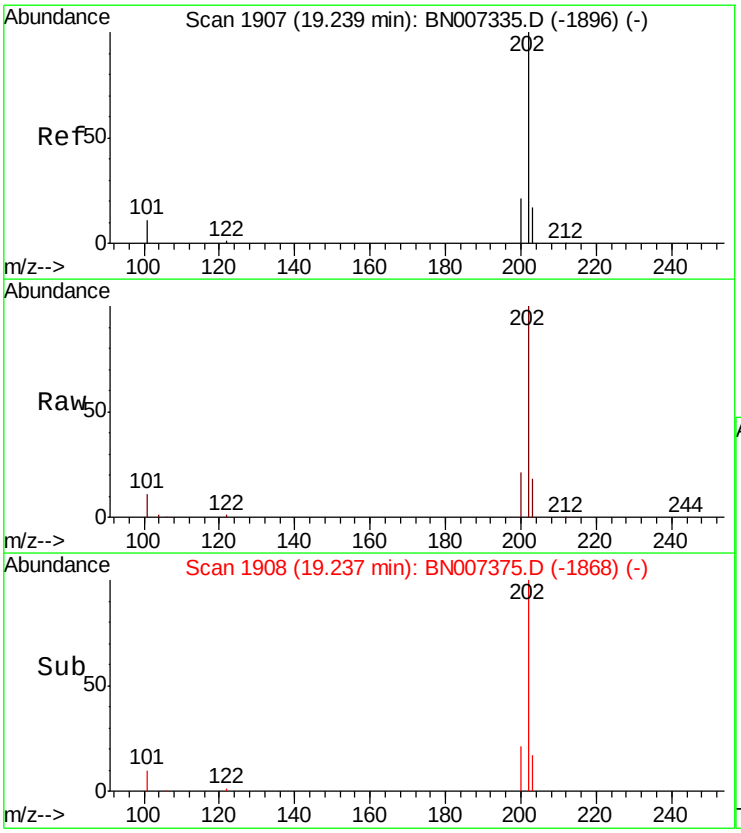
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 31417

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.6	14.4#
236	27.1	22.2	33.2

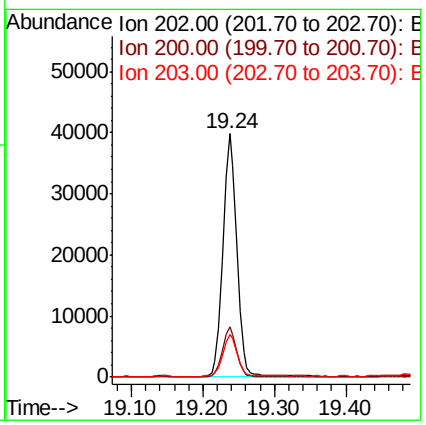


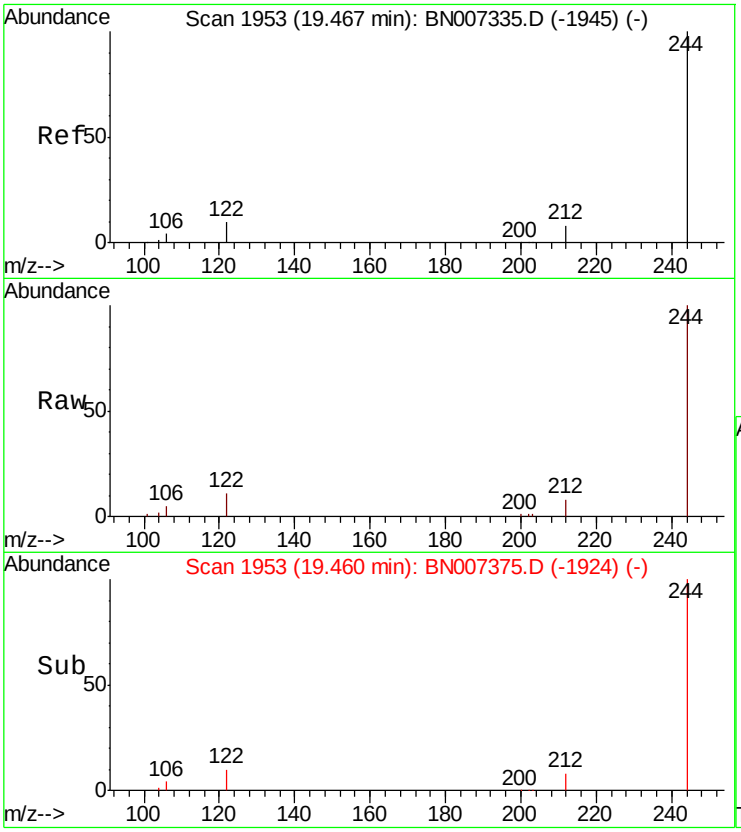


#28
Pyrene
Concen: 0.422 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:202 Resp: 53294

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.7	14.2	21.4



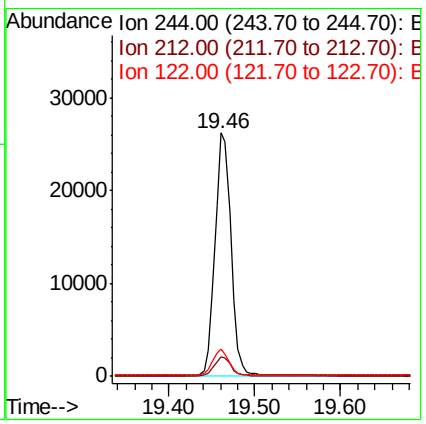


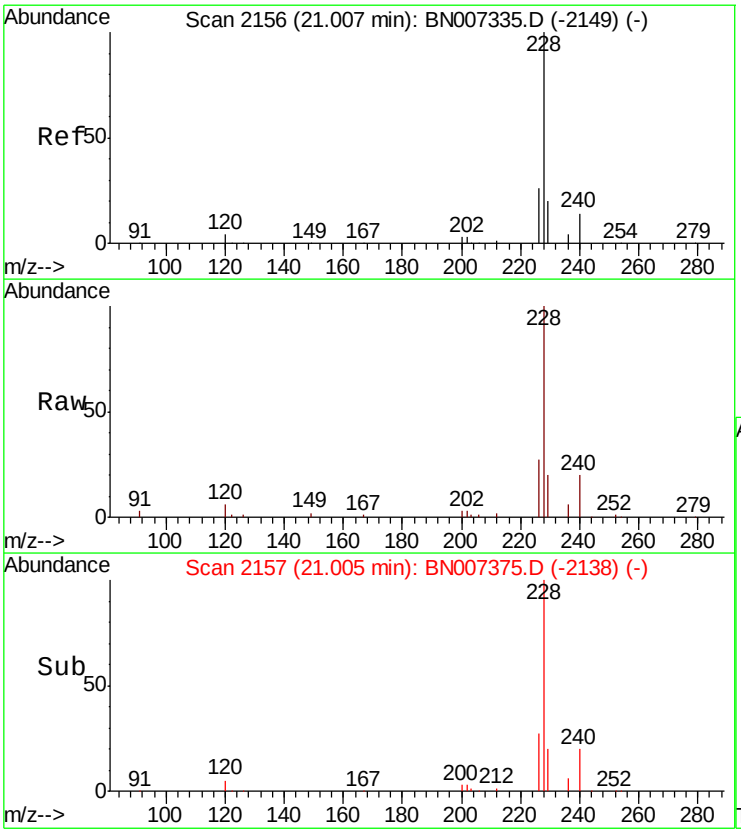
#29
Terphenyl-d14
Concen: 0.413 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 33943

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.6
122	11.0	9.6	14.4

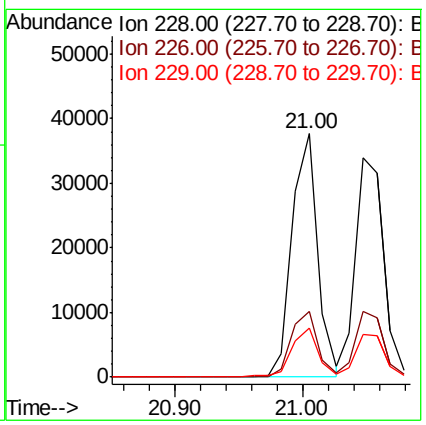


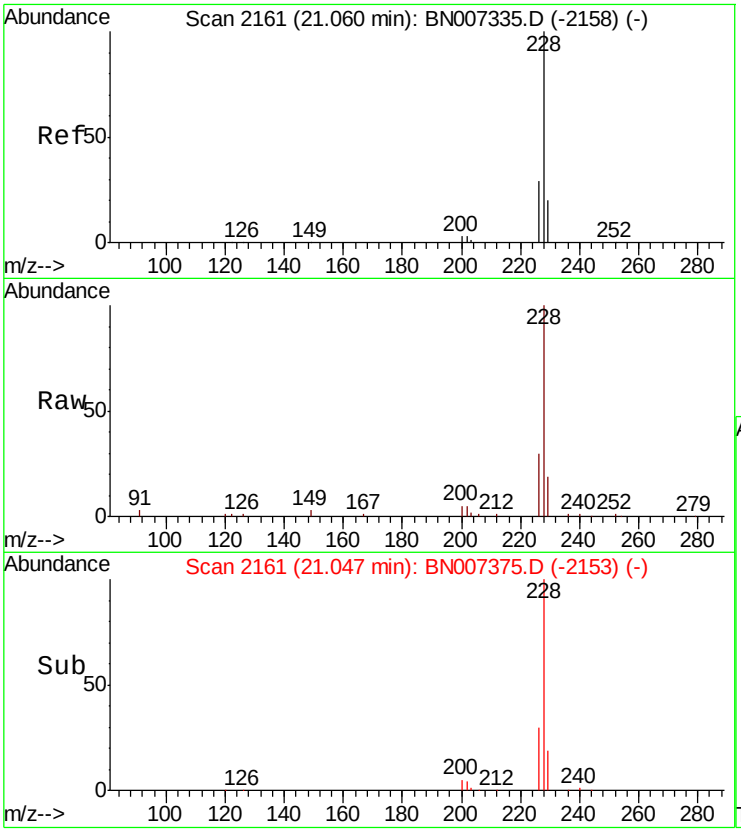


#30
Benzo(a)anthracene
Concen: 0.419 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:228 Resp: 51727

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.3	31.9
229	20.2	16.1	24.1



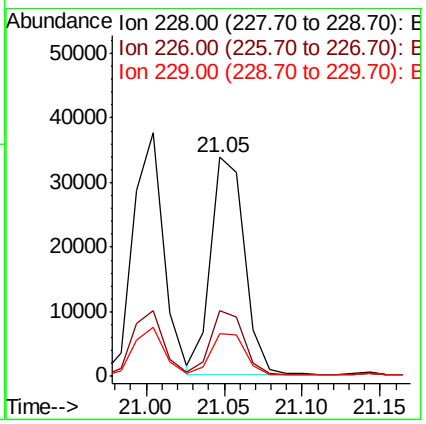


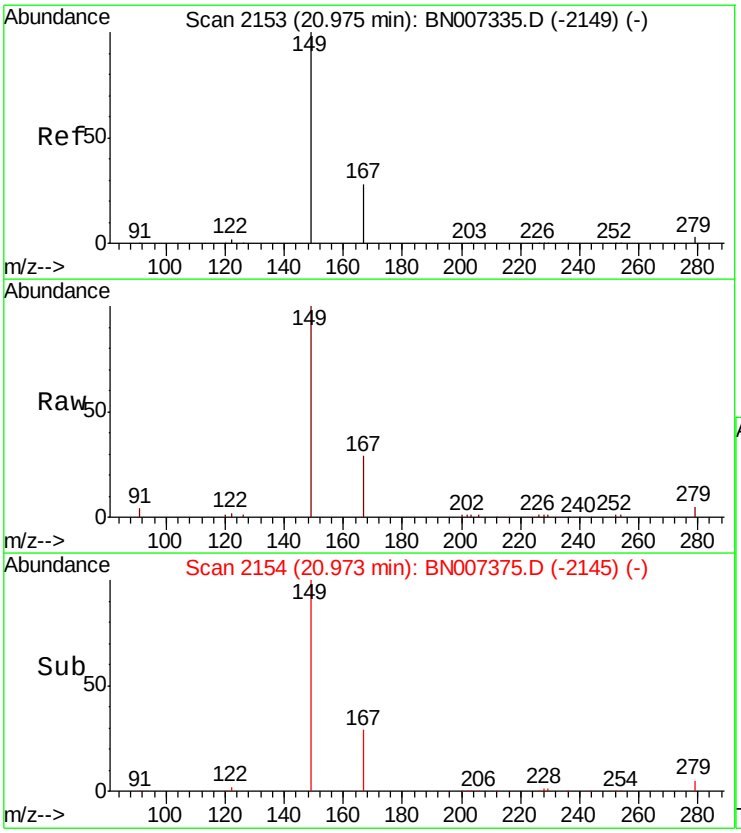
#31
Chrysene
Concen: 0.424 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 50506

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.5	35.3
229	19.4	16.6	24.8

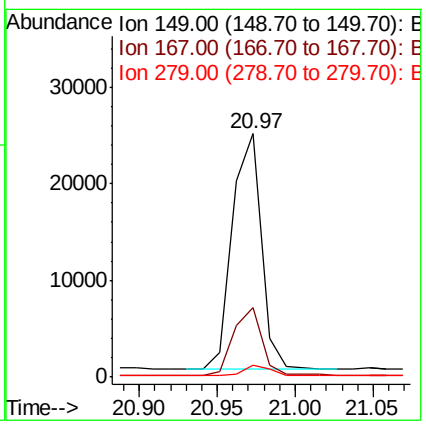


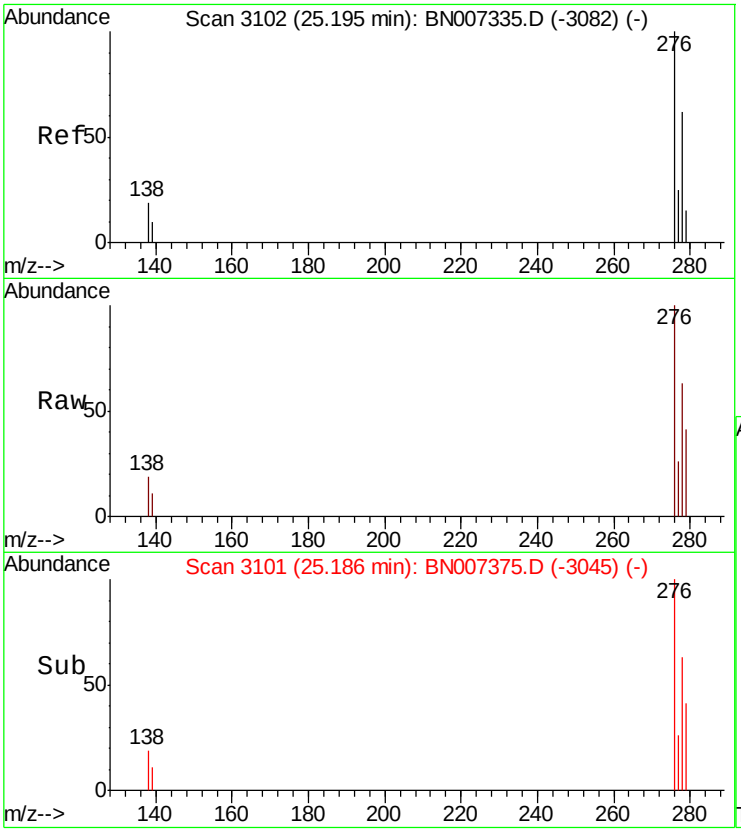


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.374 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:149 Resp: 31373

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.8	34.2
279	4.5	3.5	5.3



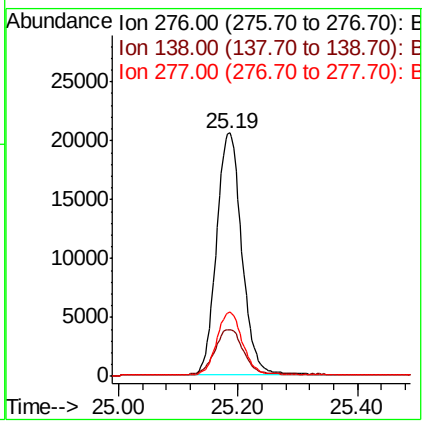


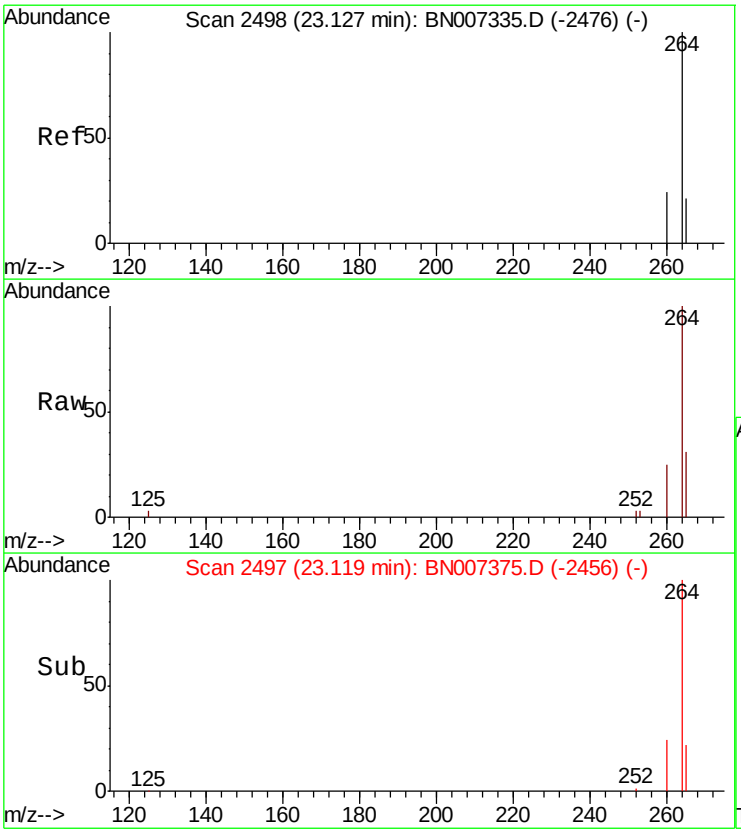
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng
RT: 25.19 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 60523

Ion	Ratio	Lower	Upper
276	100		
138	20.1	15.1	22.7
277	25.7	19.7	29.5

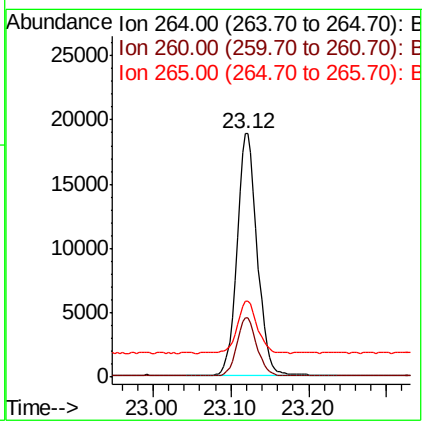


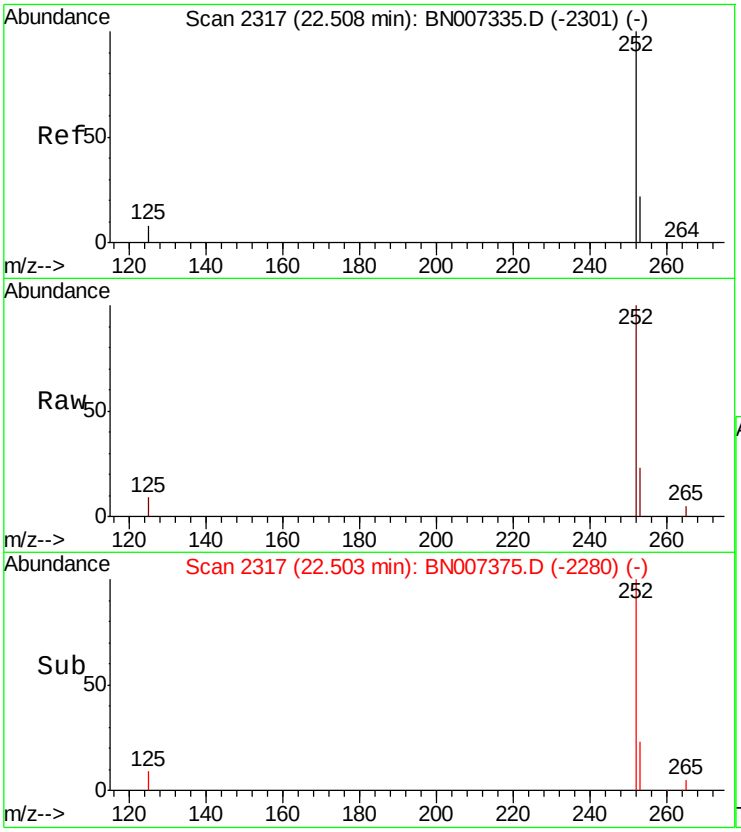


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:264 Resp: 34033

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	31.2	29.9	44.9



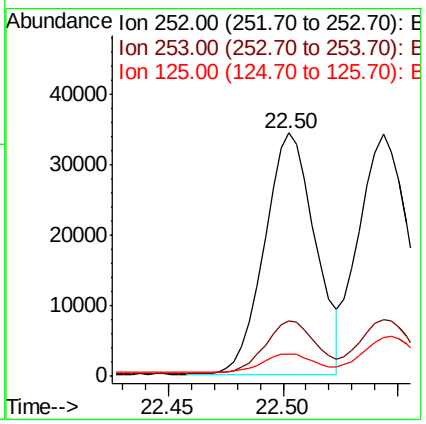


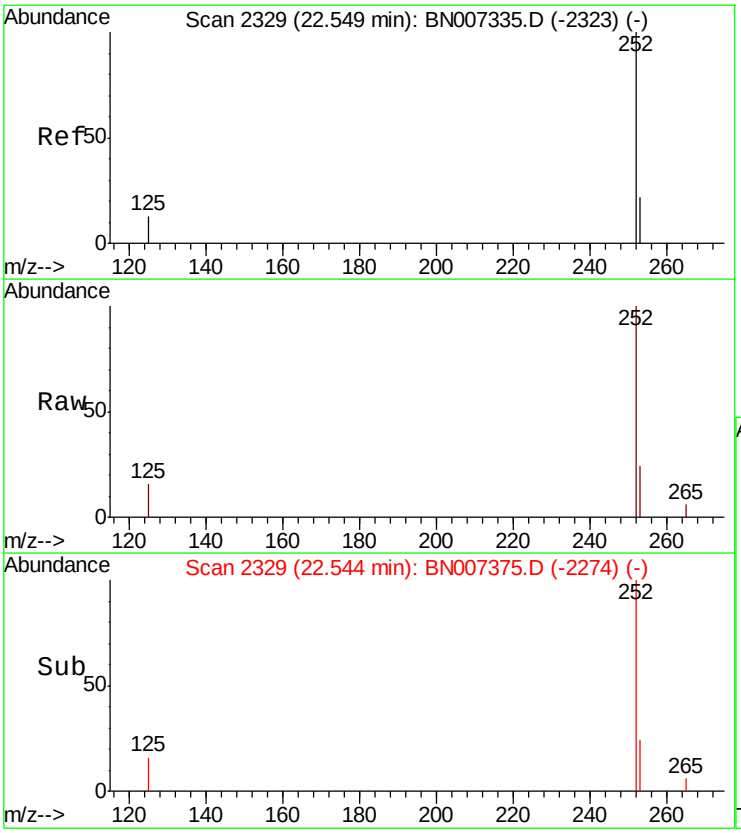
#35
Benzo(b)fluoranthene
Concen: 0.426 ng
RT: 22.50 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 52522

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.2	28.8
125	9.3	10.6	16.0#

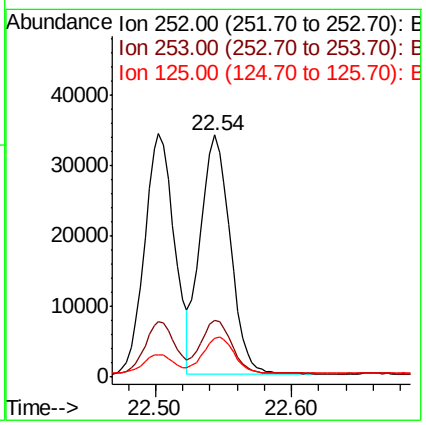


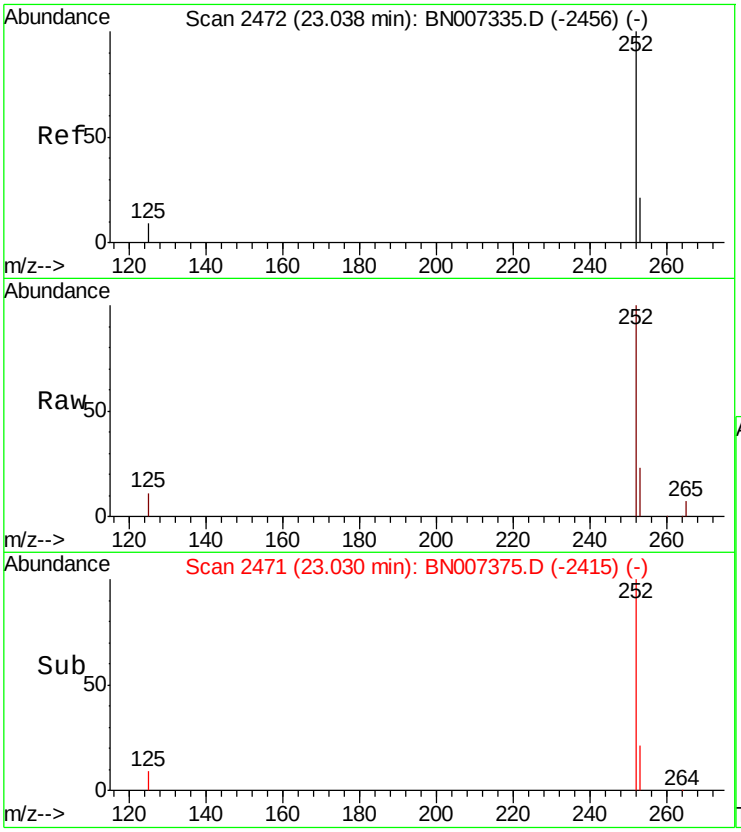


#36
Benzo(k)fluoranthene
Concen: 0.429 ng
RT: 22.54 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:252 Resp: 52268

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.4	29.2
125	16.0	13.1	19.7



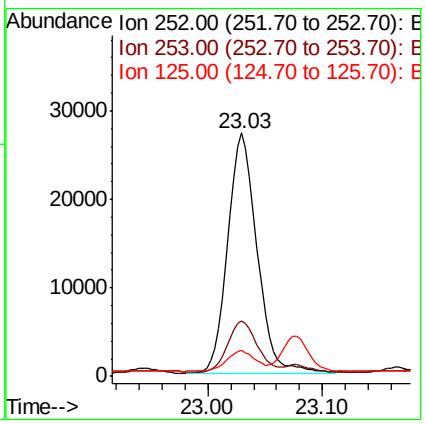


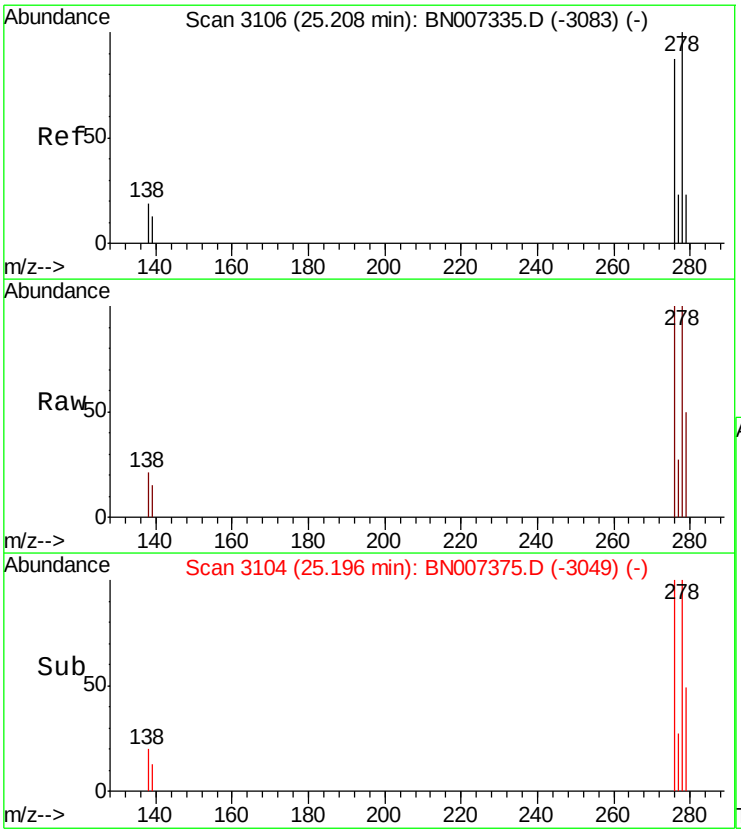
#37
Benzo(a)pyrene
Concen: 0.414 ng
RT: 23.03 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 48540

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.5	29.3
125	10.5	12.1	18.1#

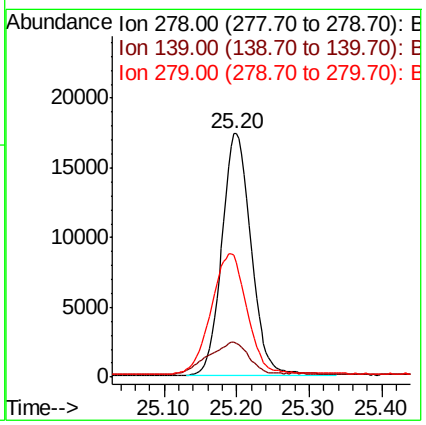


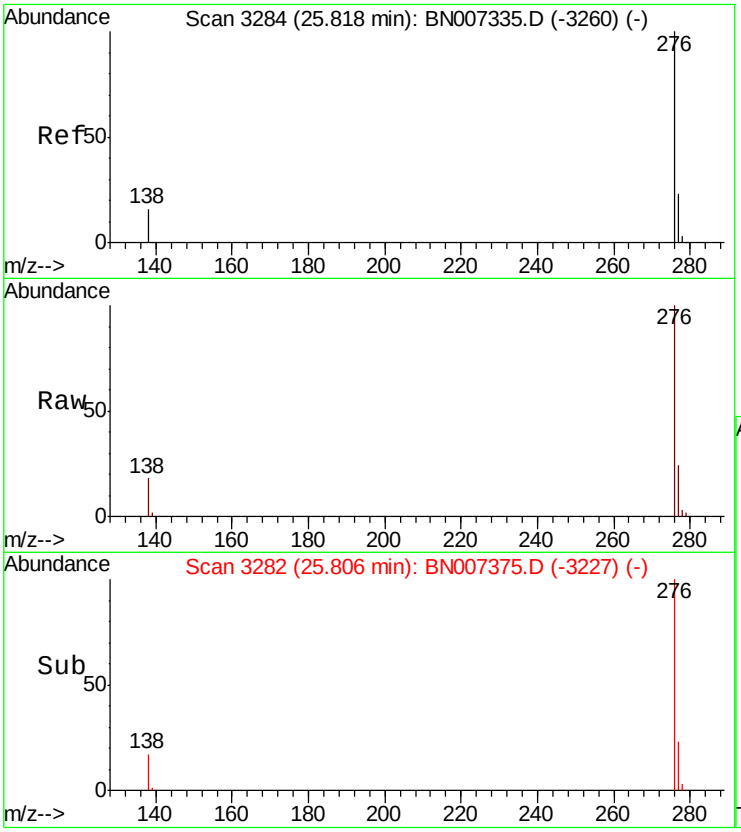


#38
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 25.20 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Tgt Ion:278 Resp: 48363

Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.7	20.5
279	50.2	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 0.416 ng
RT: 25.81 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN007375.D
Acq: 24 Aug 2019 22:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 48545

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	17.6	16.3	24.5