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

Quantitation Report (Not Reviewed)

Data File : BN007340.D
Acq On : 23 Aug 2019 23:13
Operator : HP/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN082319

Quant Time: Aug 24 07:33:02 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	4076	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	16865	0.40	ng		0.00
13) Acenaphthene-d10	14.05	164	9193	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	20795	0.40	ng		0.00
27) Chrysene-d12	21.02	240	20481	0.40	ng		0.00
34) Perylene-d12	23.13	264	22286	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	5674	0.40	ng		0.00
5) Phenol-d6	6.59	99	6790	0.38	ng		0.00
8) Nitrobenzene-d5	8.53	82	5704	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	11512	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1760	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	14988	0.40	ng		0.00
25) Fluoranthene-d10	18.84	212	28141	0.42	ng		0.00
29) Terphenyl-d14	19.47	244	22290	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	2711	0.400	ng	#	87
3) n-Nitrosodimethylamine	3.33	42	1126	0.358	ng		90
6) bis(2-Chloroethyl)ether	6.84	93	6206	0.422	ng		96
9) Naphthalene	10.20	128	19975	0.414	ng		94
10) Hexachlorobutadiene	10.51	225	4064	0.412	ng	#	98
12) 2-Methylnaphthalene	11.84	142	13637	0.415	ng		99
16) Acenaphthylene	13.77	152	21710	0.399	ng		99
17) Acenaphthene	14.11	154	12994	0.408	ng		97
18) Fluorene	15.10	166	16232	0.403	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	3901	0.476	ng	#	89
21) Hexachlorobenzene	16.11	284	5885	0.422	ng		97
22) Pentachlorophenol	16.46	266	1663	0.384	ng	#	73
23) Phenanthrene	16.85	178	25299	0.404	ng		100
24) Anthracene	16.93	178	25660	0.408	ng		99
26) Fluoranthene	18.87	202	33198	0.413	ng		100
28) Pyrene	19.24	202	34472	0.418	ng		100
30) Benzo(a)anthracene	21.00	228	32618	0.406	ng		100
31) Chrysene	21.06	228	33254	0.428	ng		99
32) Bis(2-ethylhexyl)phthalate	20.97	149	22222	0.408	ng		99
33) Indeno(1,2,3-cd)pyrene	25.19	276	38788	0.415	ng		99
35) Benzo(b)fluoranthene	22.51	252	33361	0.413	ng		97
36) Benzo(k)fluoranthene	22.55	252	33376	0.418	ng		99
37) Benzo(a)pyrene	23.04	252	31707	0.413	ng		97
38) Dibenzo(a,h)anthracene	25.20	278	31577	0.412	ng		98
39) Benzo(g,h,i)perylene	25.81	276	31255	0.409	ng		98

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

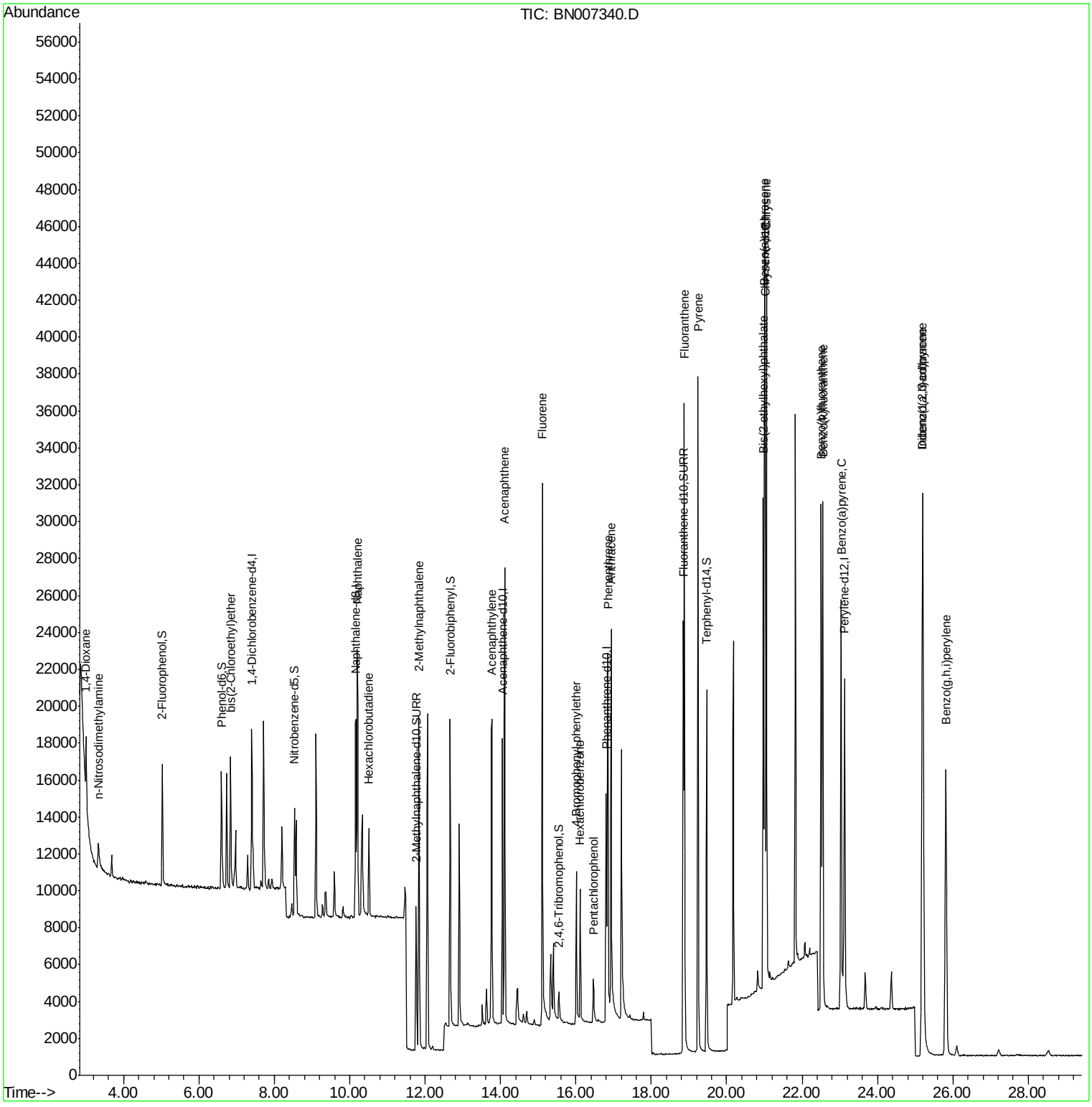
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\

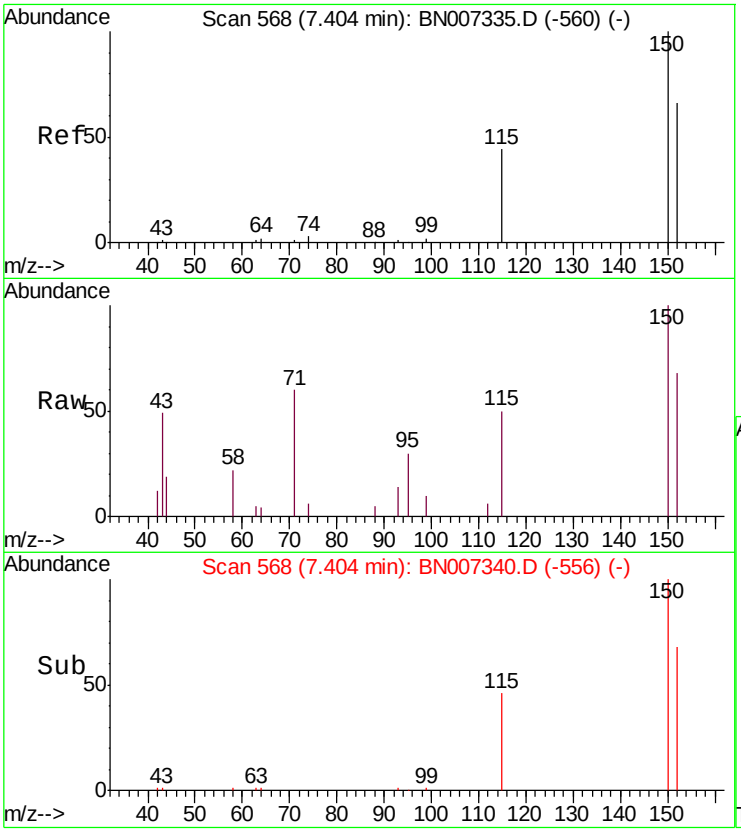
Quantitation Report (Not Reviewed)

Data File : BN007340.D
Acq On : 23 Aug 2019 23:13
Operator : HP/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Quant Time: Aug 24 07:33:02 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



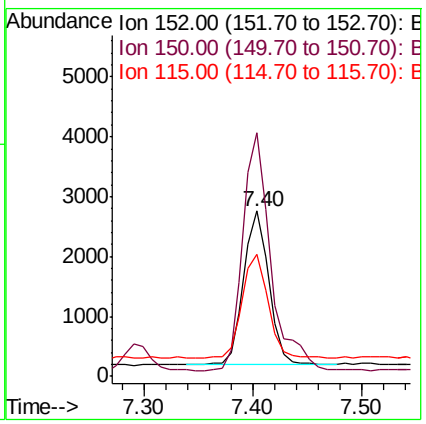


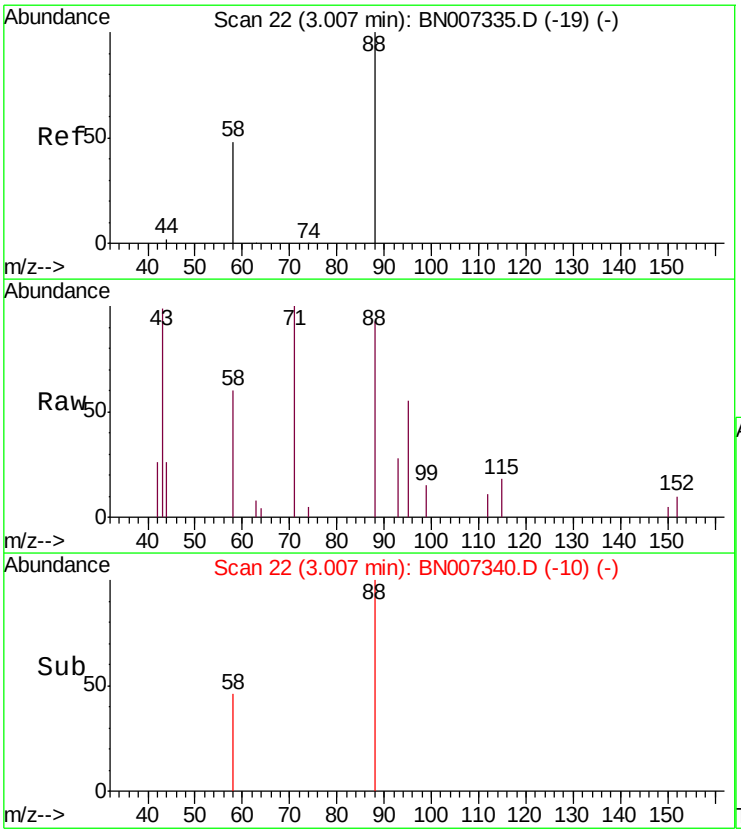
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:152 Resp: 4076

Ion	Ratio	Lower	Upper
152	100		
150	147.5	109.1	163.7
115	74.3	59.6	89.4

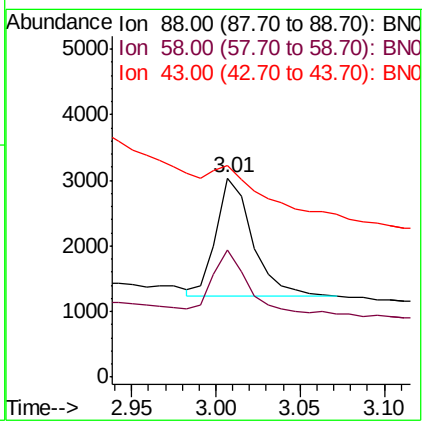


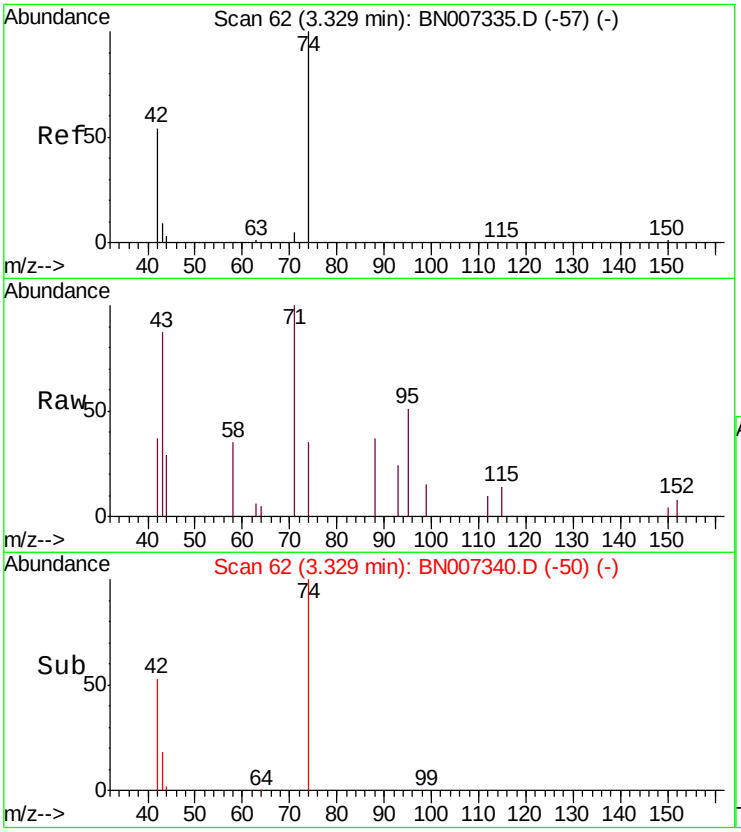


#2
1,4-Dioxane
Concen: 0.400 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion: 88 Resp: 2711

Ion	Ratio	Lower	Upper
88	100		
58	53.2	50.5	75.7
43	0.0	0.0	0.0



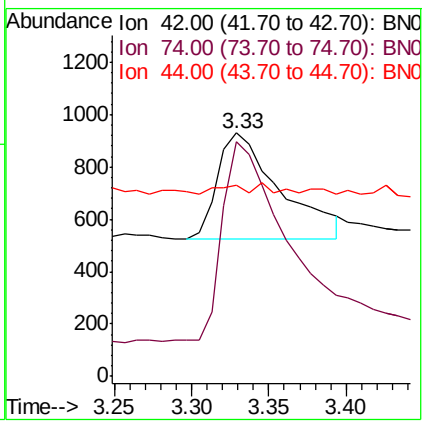


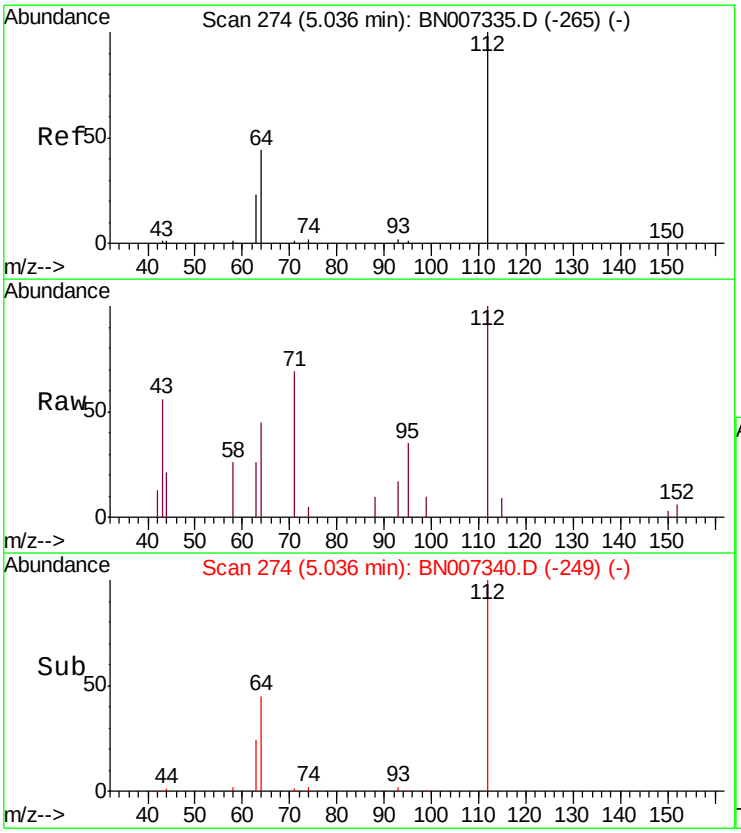
#3
n-Nitrosodimethylamine
Concen: 0.358 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion: 42 Resp: 1126

Ion	Ratio	Lower	Upper
42	100		
74	195.3	144.7	217.1
44	3.9	3.2	4.8

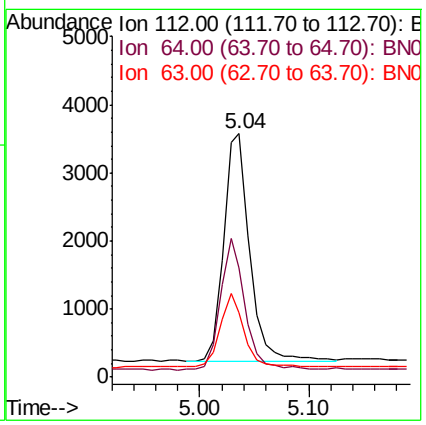


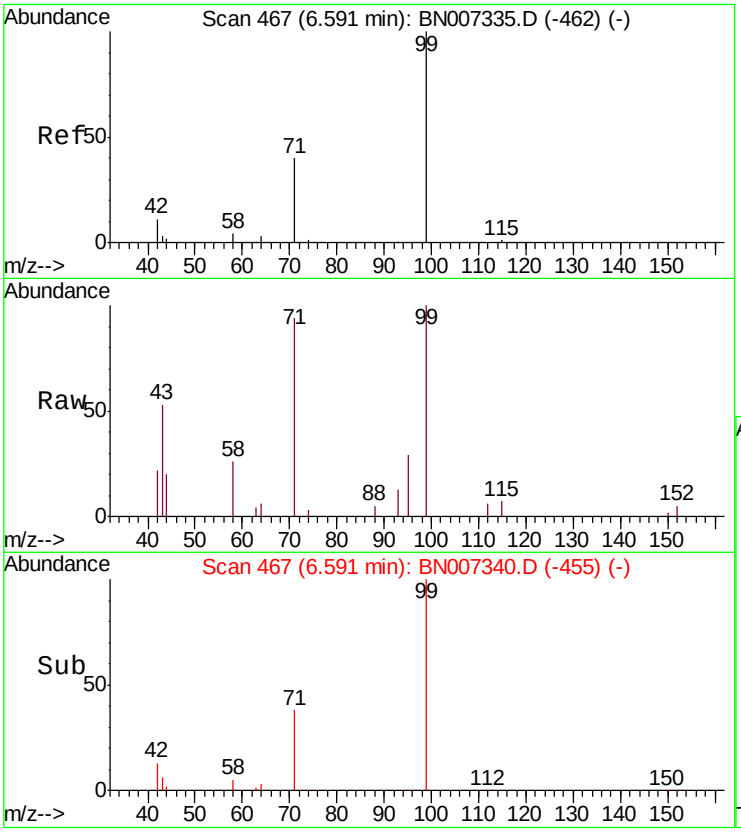


#4
2-Fluorophenol
Concen: 0.401 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:112 Resp: 5674

Ion	Ratio	Lower	Upper
112	100		
64	54.1	42.3	63.5
63	29.3	23.6	35.4



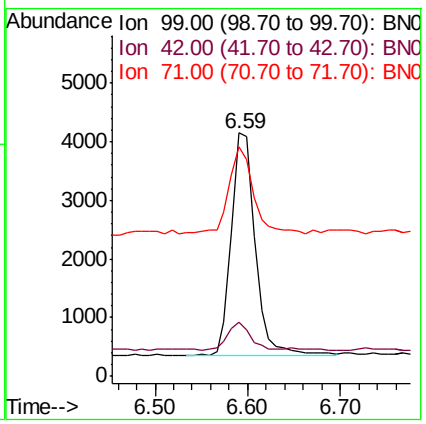


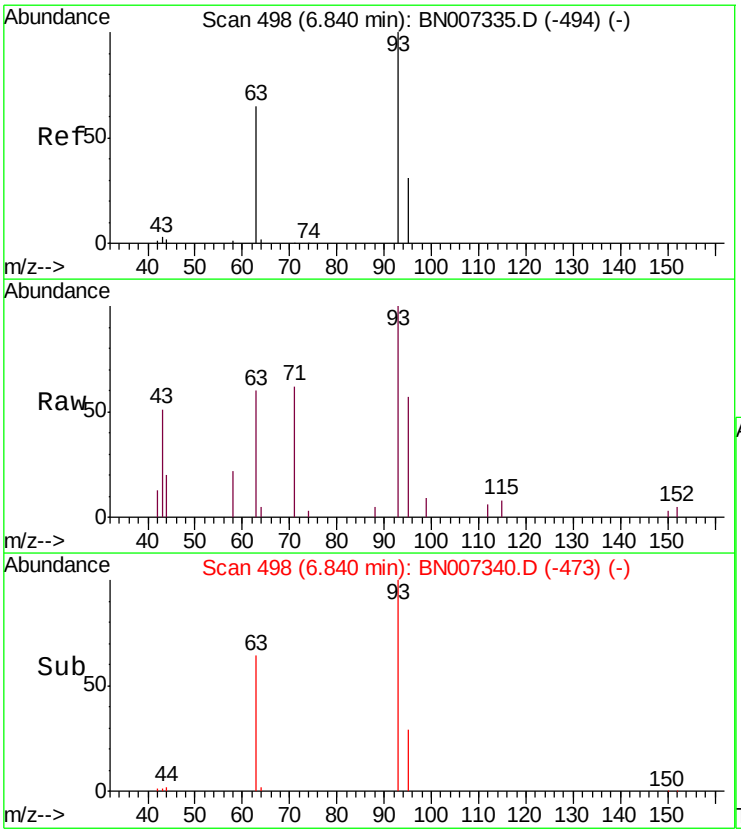
#5
Phenol-d6
Concen: 0.376 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion: 99 Resp: 6790

Ion	Ratio	Lower	Upper
99	100		
42	12.3	11.2	16.8
71	39.2	31.8	47.8

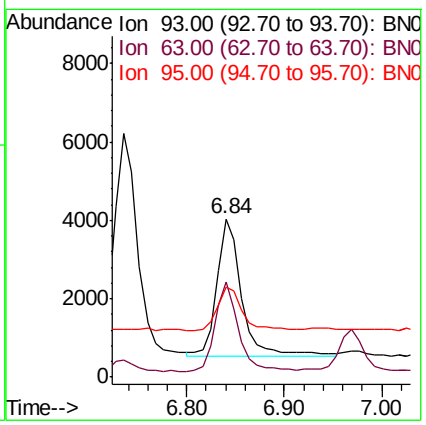


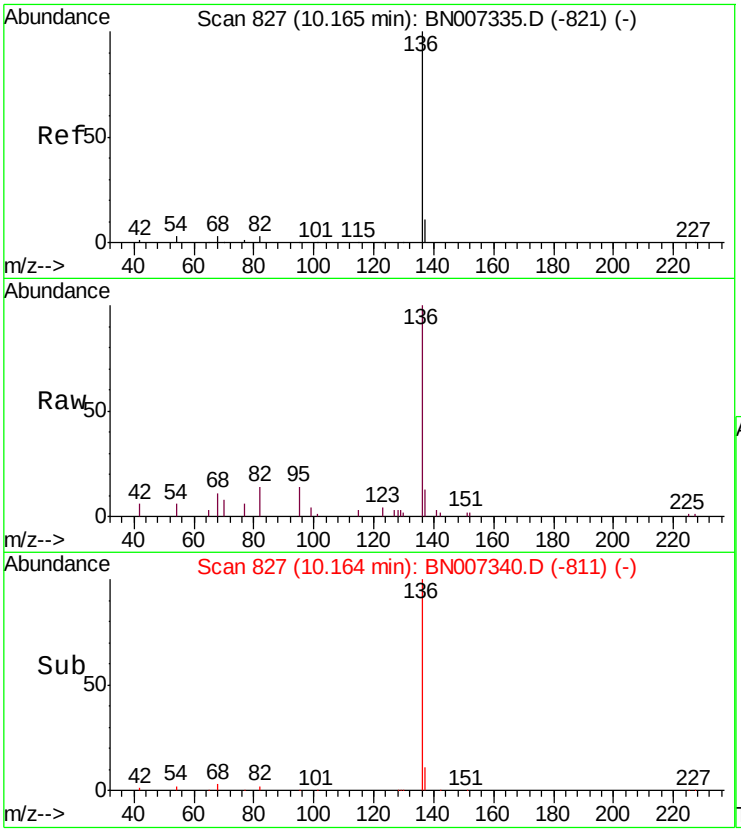


#6
bis(2-Chloroethyl)ether
Concen: 0.422 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion: 93 Resp: 6206

Ion	Ratio	Lower	Upper
93	100		
63	60.8	51.9	77.9
95	33.5	27.7	41.5



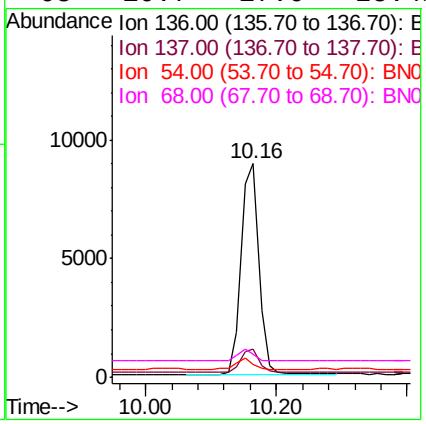


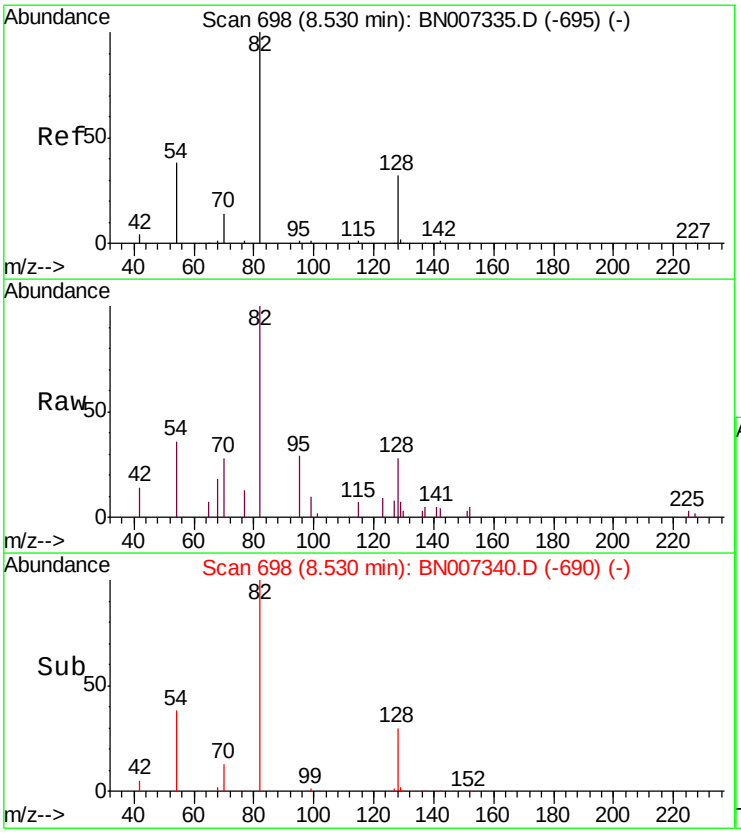
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:136 Resp: 16865

Ion	Ratio	Lower	Upper
136	100		
137	13.4	12.9	19.3
54	6.3	8.6	12.8#
68	10.7	17.0	25.4#

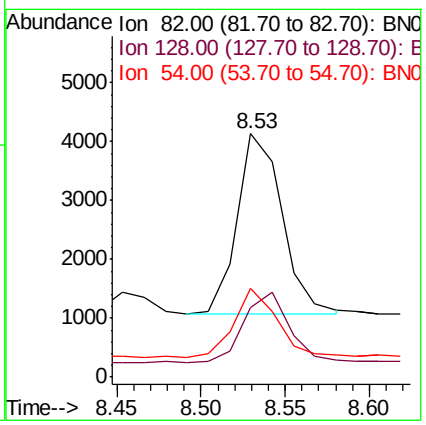


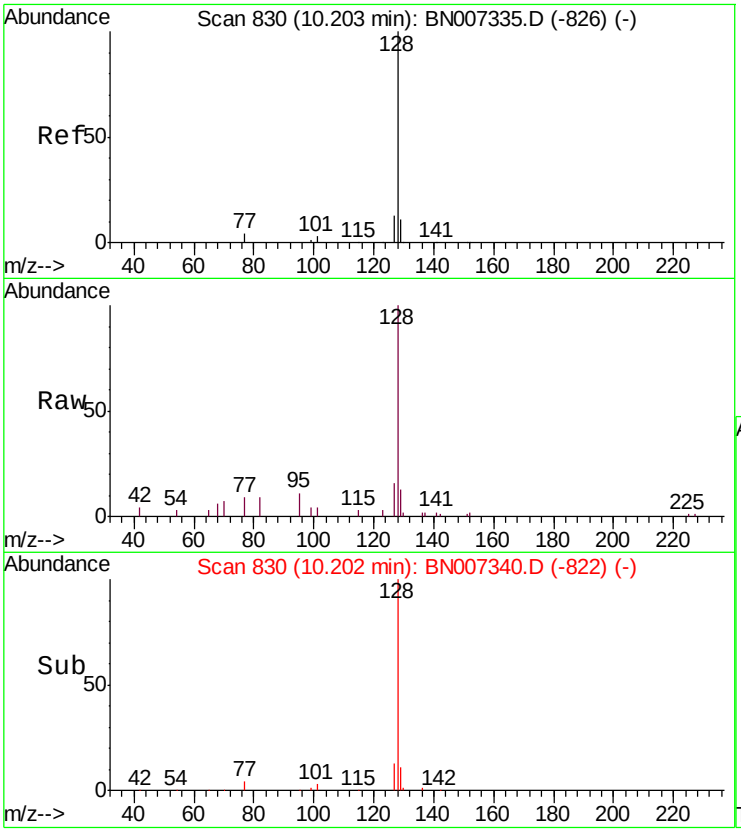


#8
Nitrobenzene-d5
Concen: 0.389 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion: 82 Resp: 5704

Ion	Ratio	Lower	Upper
82	100		
128	28.4	19.7	29.5
54	36.4	25.8	38.6



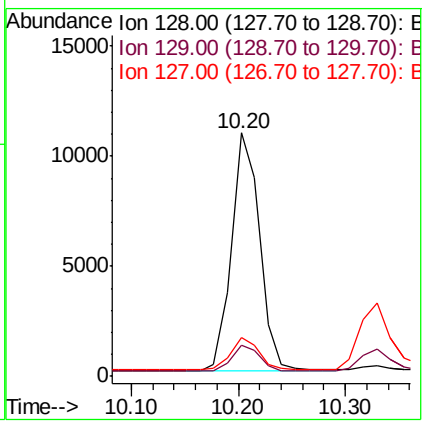


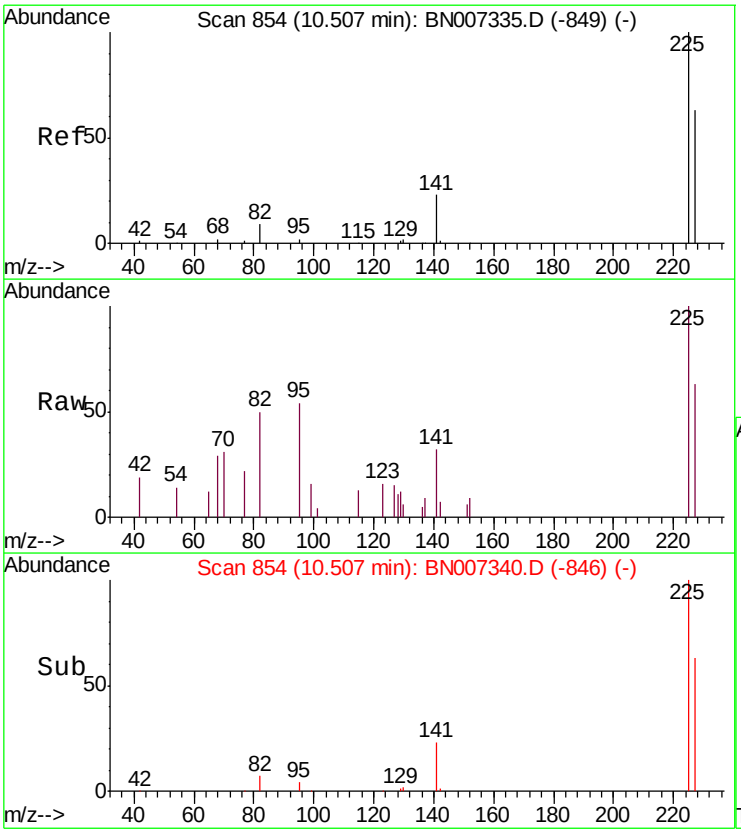
#9
Naphthalene
Concen: 0.414 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:128 Resp: 19975

Ion	Ratio	Lower	Upper
128	100		
129	12.7	11.1	16.7
127	15.8	15.5	23.3

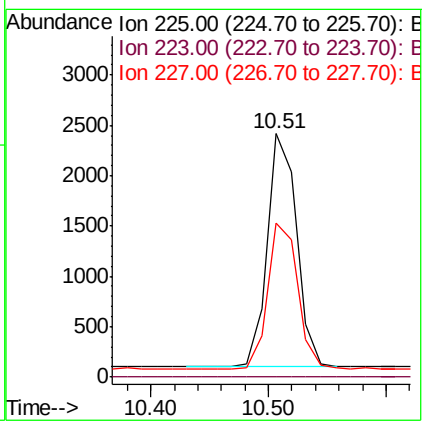


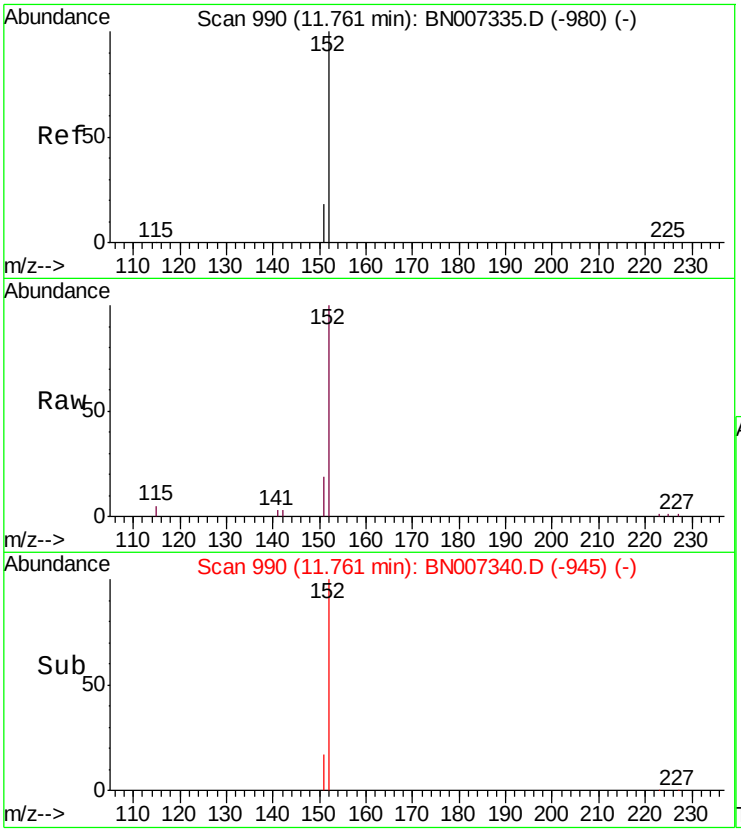


#10
Hexachlorobutadiene
Concen: 0.412 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:225 Resp: 4064

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	50.7	76.1



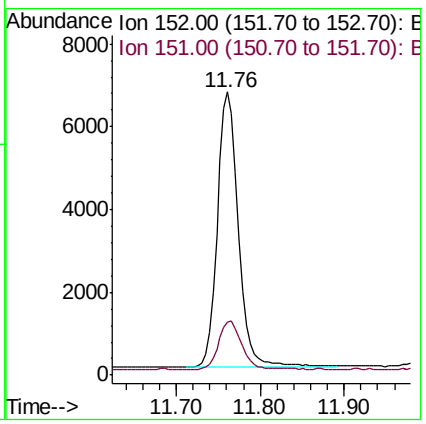


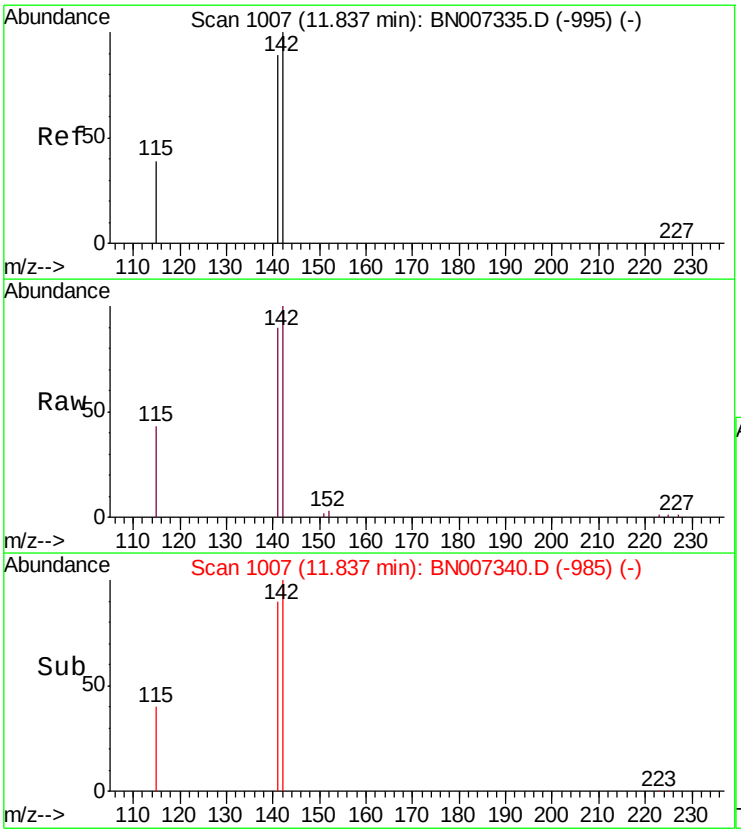
#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:152 Resp: 11512

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.2

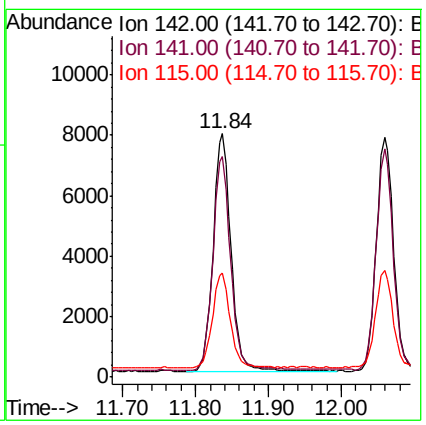


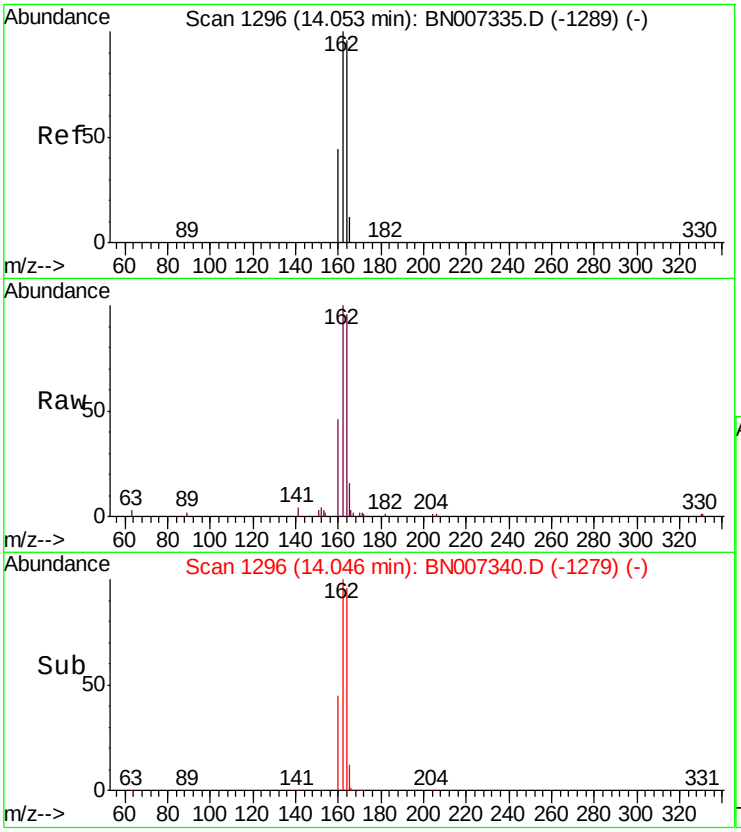


#12
2-Methylnaphthalene
Concen: 0.415 ng
RT: 11.84 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:142 Resp: 13637

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.8	109.2
115	42.8	35.2	52.8



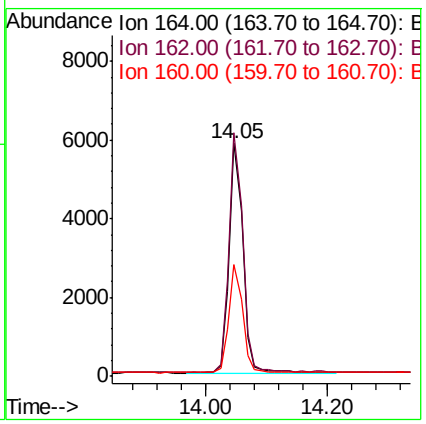


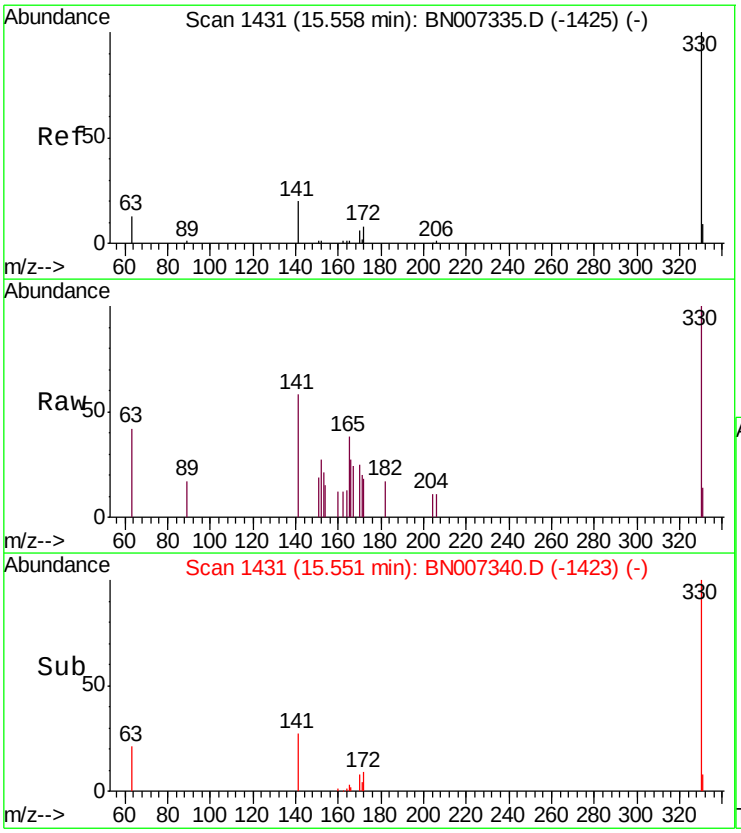
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:164 Resp: 9193

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.5	125.3
160	47.9	38.2	57.4

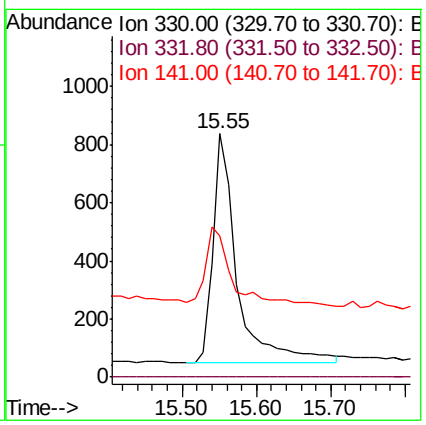


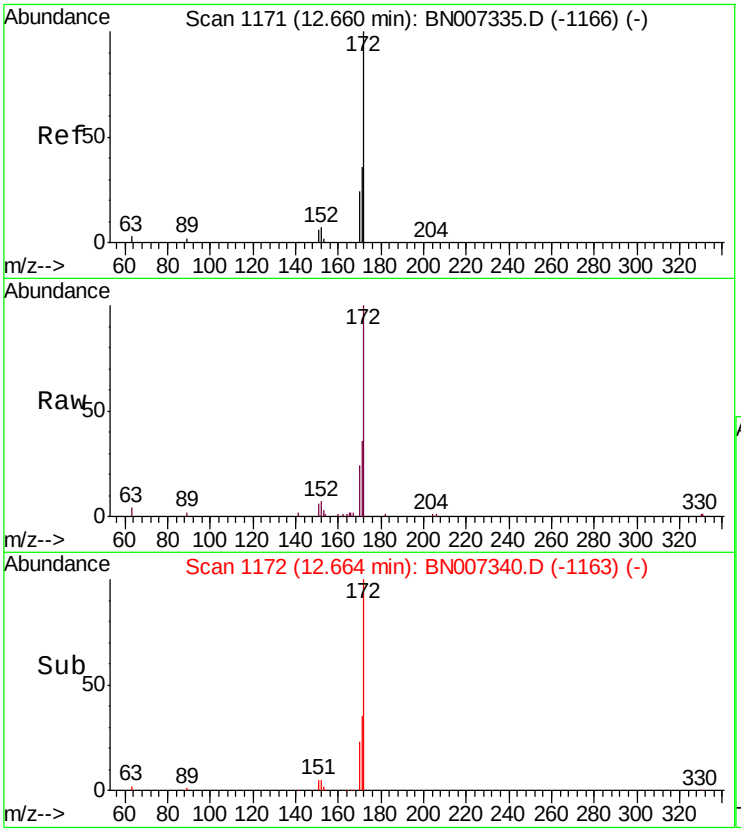


#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:330 Resp: 1760

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.3	26.9	40.3



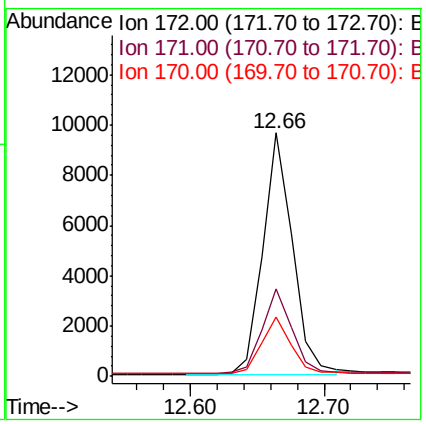


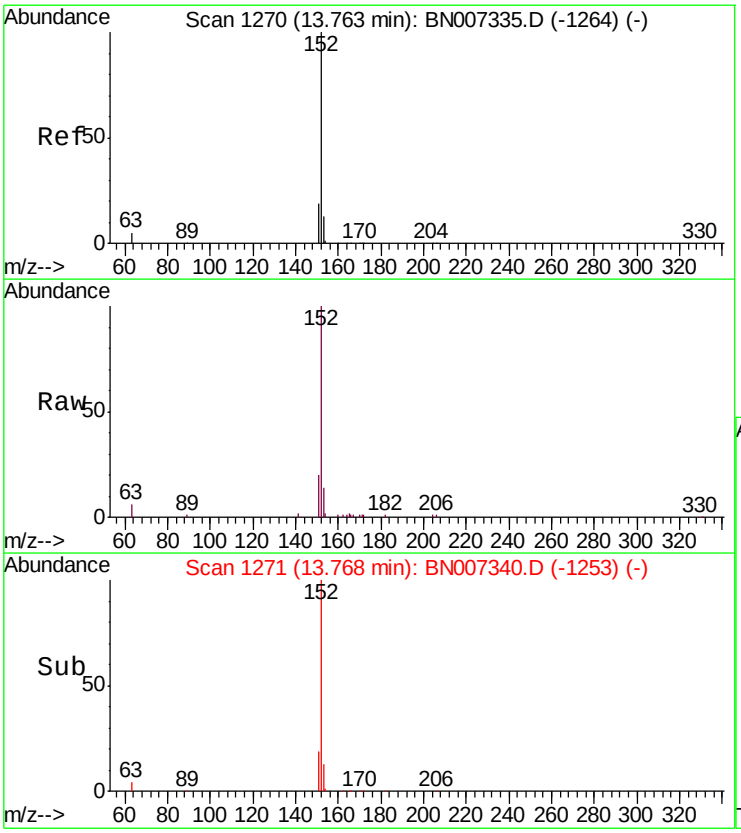
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:172 Resp: 14988

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.3	45.5
170	24.3	20.7	31.1

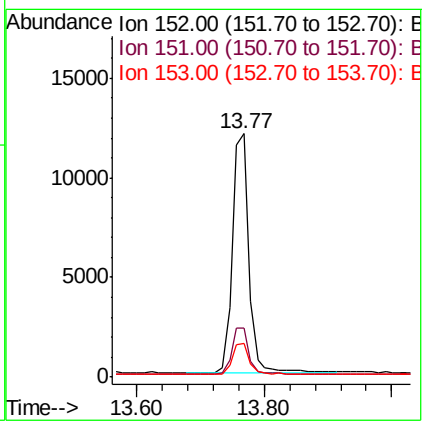


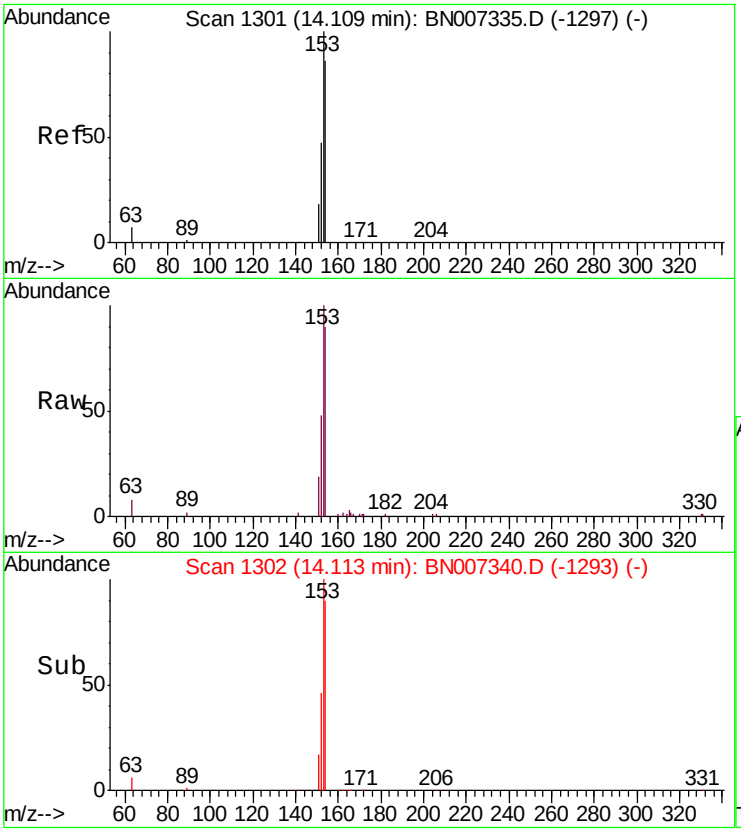


#16
Acenaphthylene
Concen: 0.399 ng
RT: 13.77 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:152 Resp: 21710

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.6	10.6	15.8



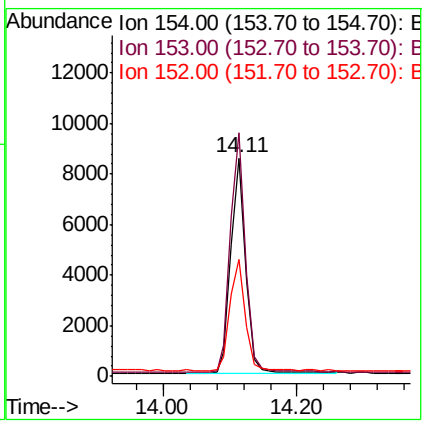


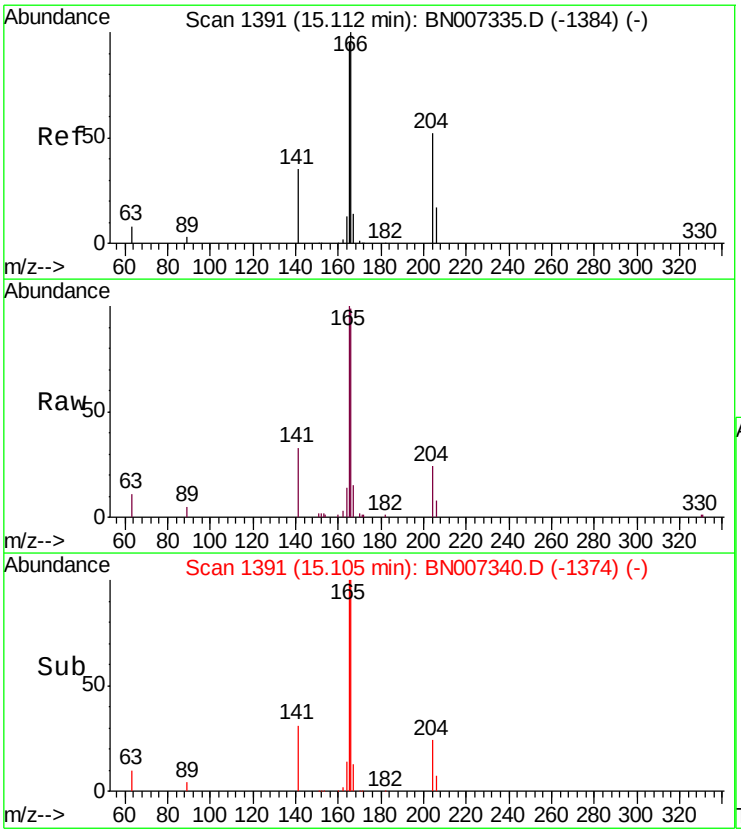
#17
Acenaphthene
Concen: 0.408 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:154 Resp: 12994

Ion	Ratio	Lower	Upper
154	100		
153	113.2	92.8	139.2
152	52.8	43.8	65.8

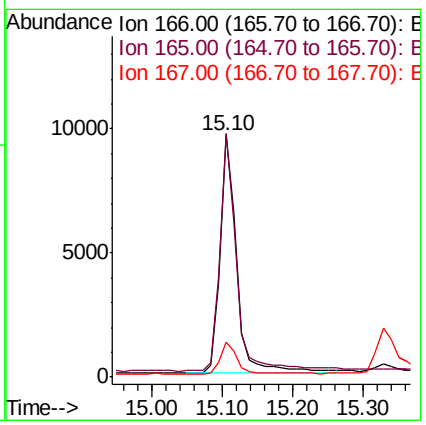


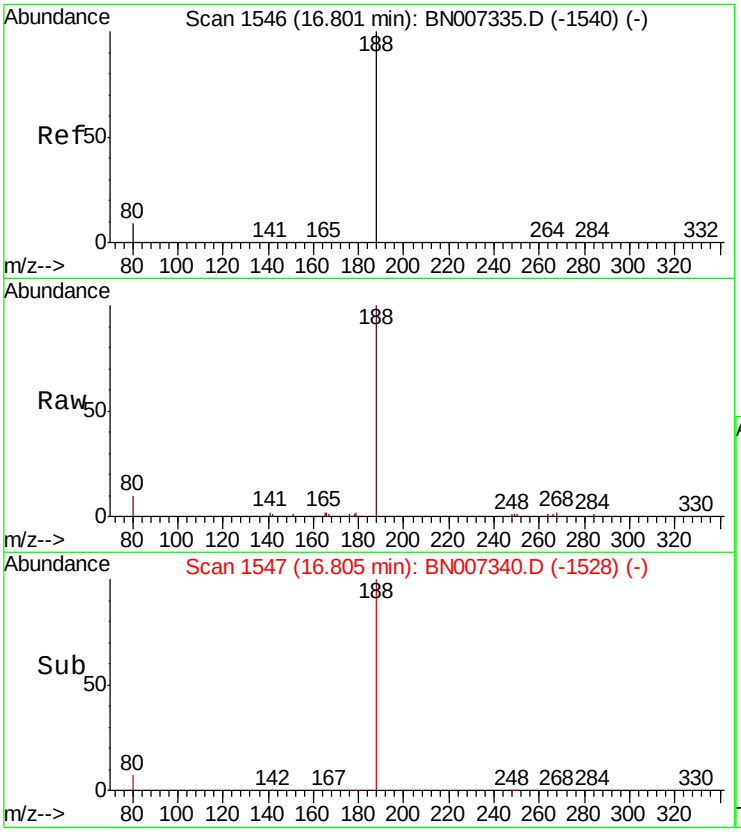


#18
Fluorene
Concen: 0.403 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:166 Resp: 16232

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.4
167	13.2	10.6	15.8



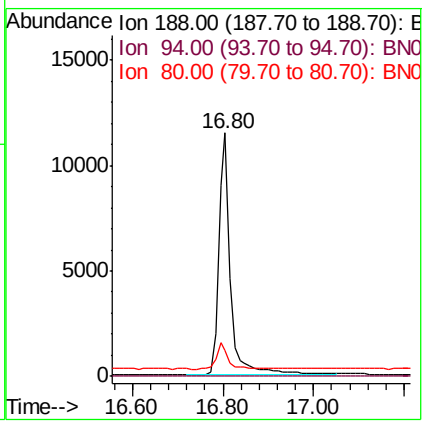


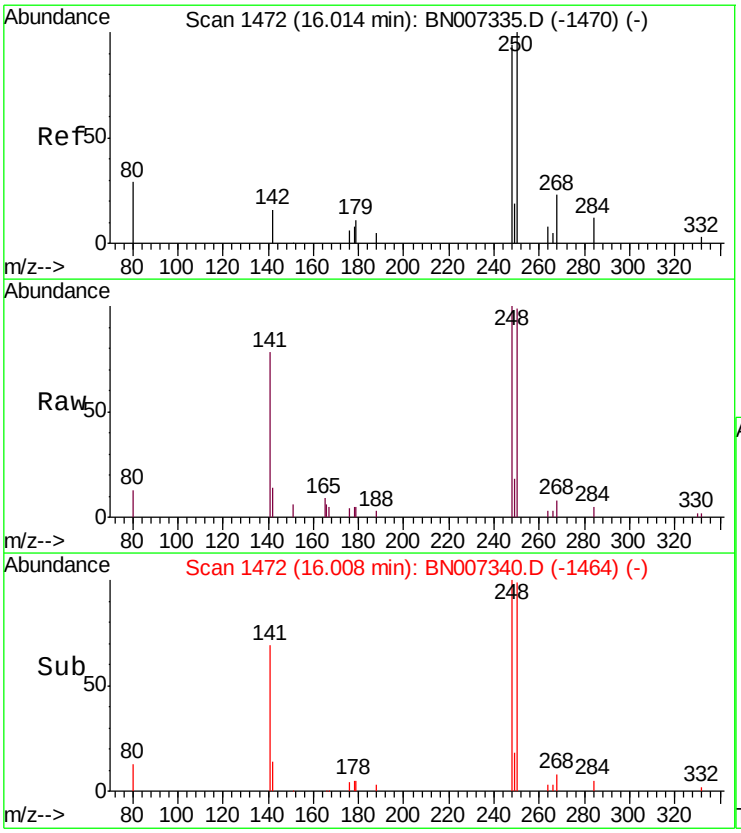
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:188 Resp: 20795

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

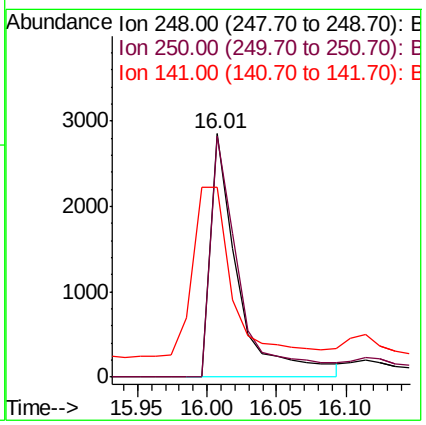


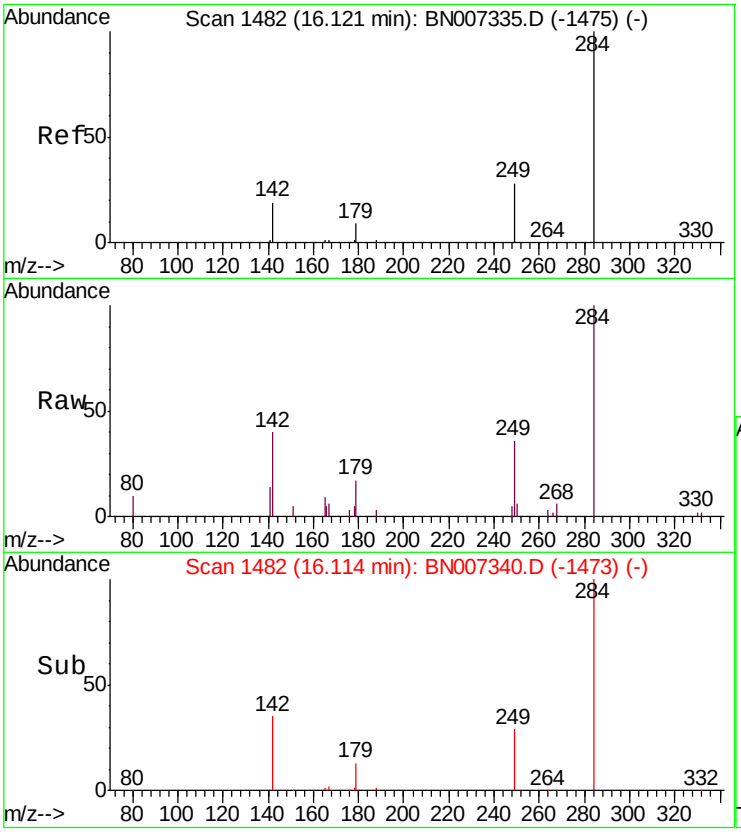


#20
4-Bromophenyl-phenylether
Concen: 0.476 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:248 Resp: 3901

Ion	Ratio	Lower	Upper
248	100		
250	98.9	85.0	127.6
141	78.0	51.7	77.5#



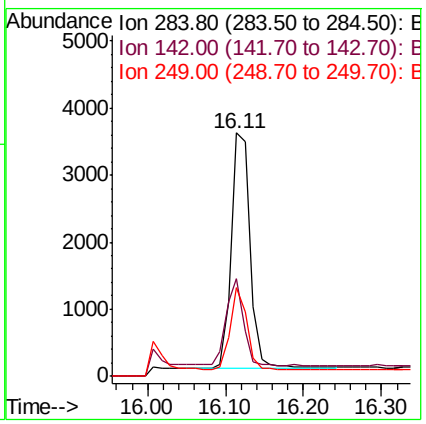


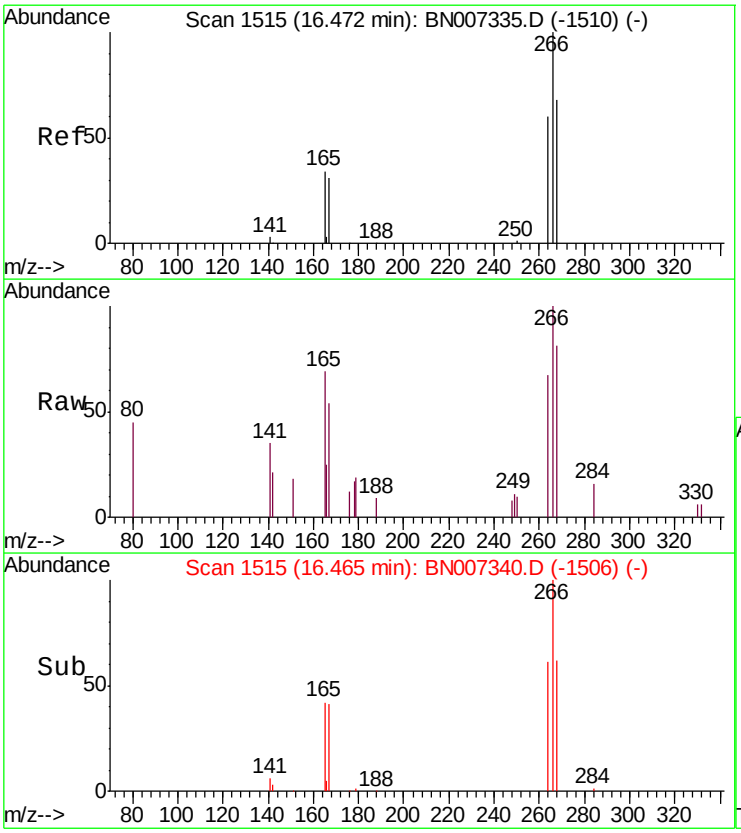
#21
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:284 Resp: 5885

Ion	Ratio	Lower	Upper
284	100		
142	33.6	29.0	43.6
249	31.2	24.9	37.3

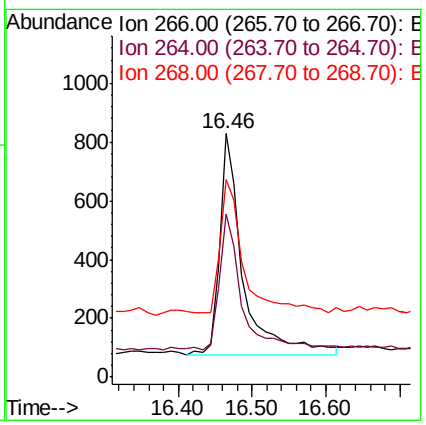


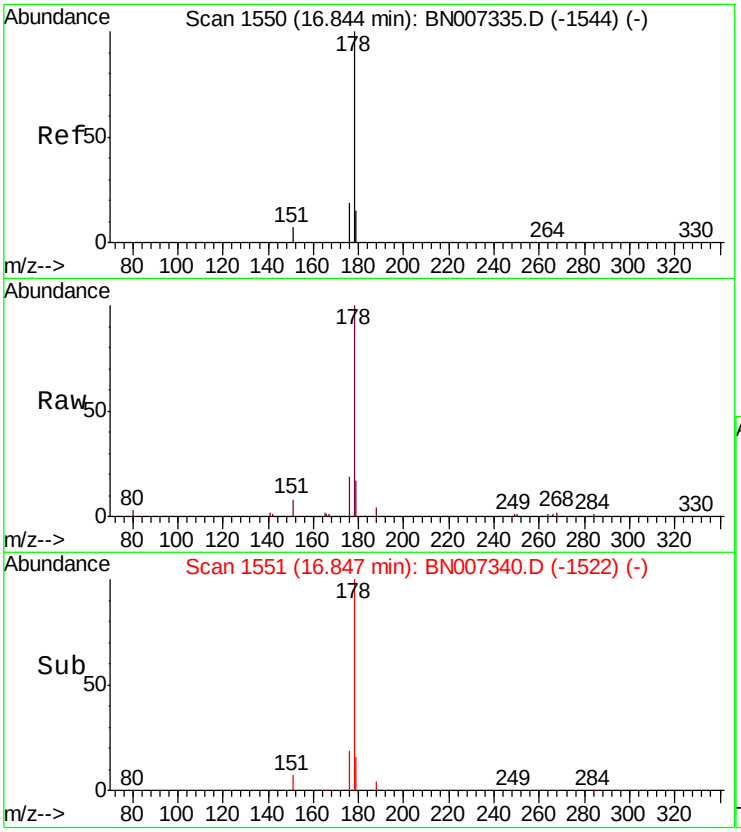


#22
Pentachlorophenol
Concen: 0.384 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:266 Resp: 1663

Ion	Ratio	Lower	Upper
266	100		
264	66.9	57.8	86.8
268	81.1	99.7	149.5#



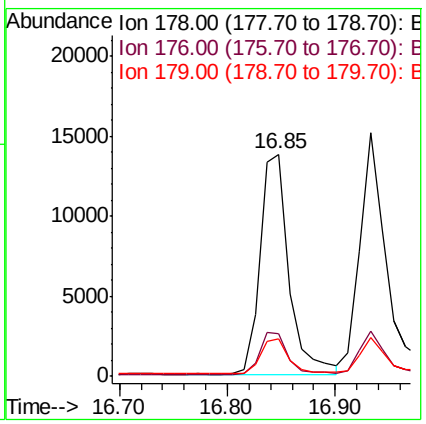


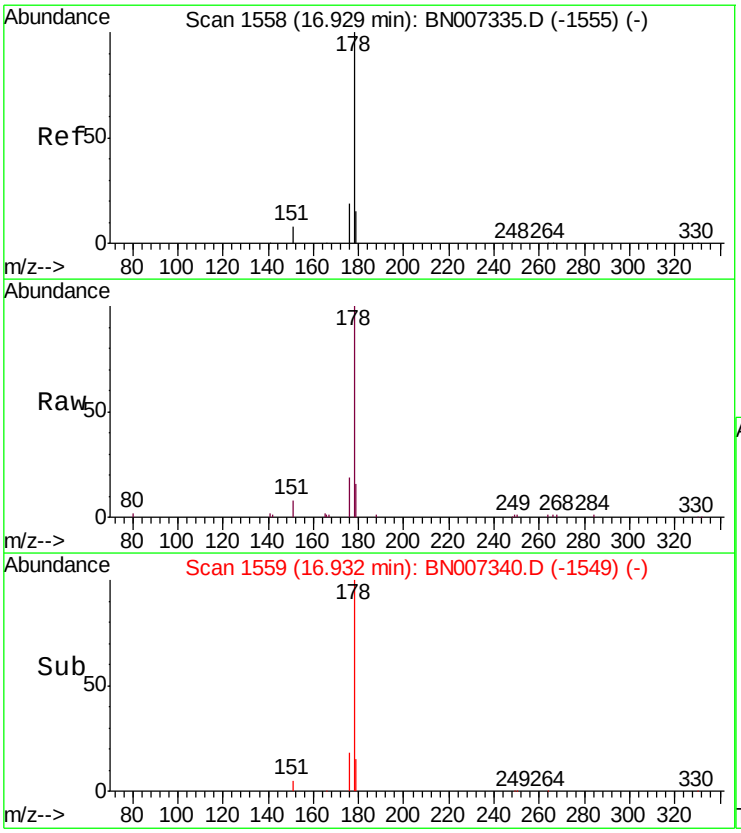
#23
Phenanthrene
Concen: 0.404 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:178 Resp: 25299

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.7	12.6	19.0

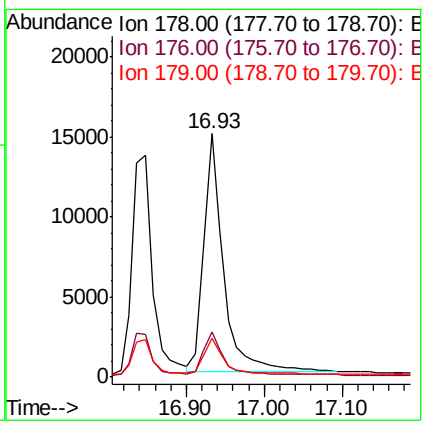


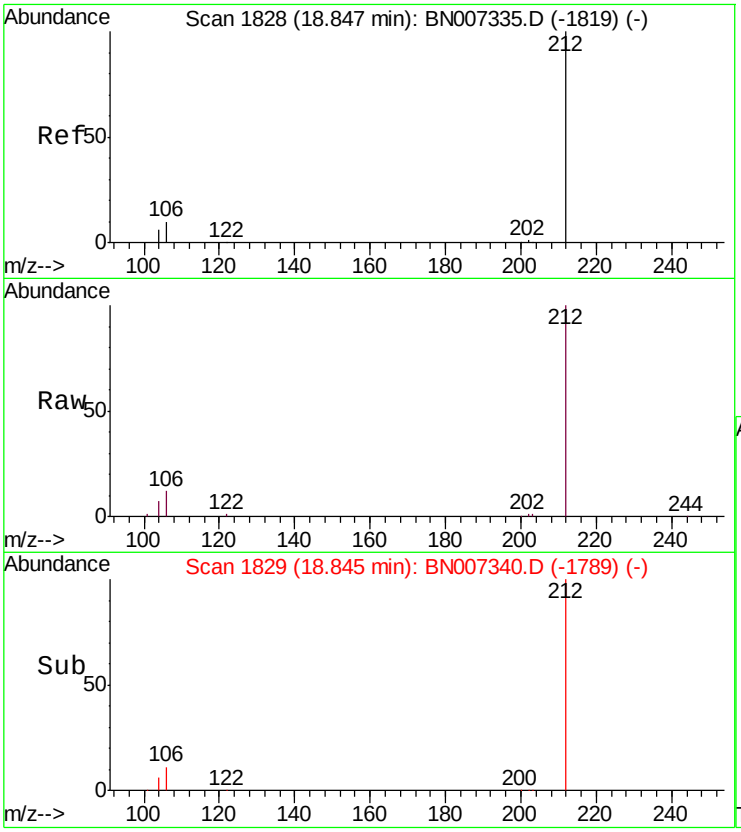


#24
Anthracene
Concen: 0.408 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:178 Resp: 25660

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.3	12.4	18.6



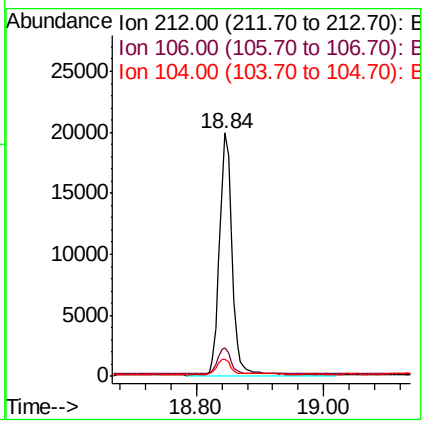


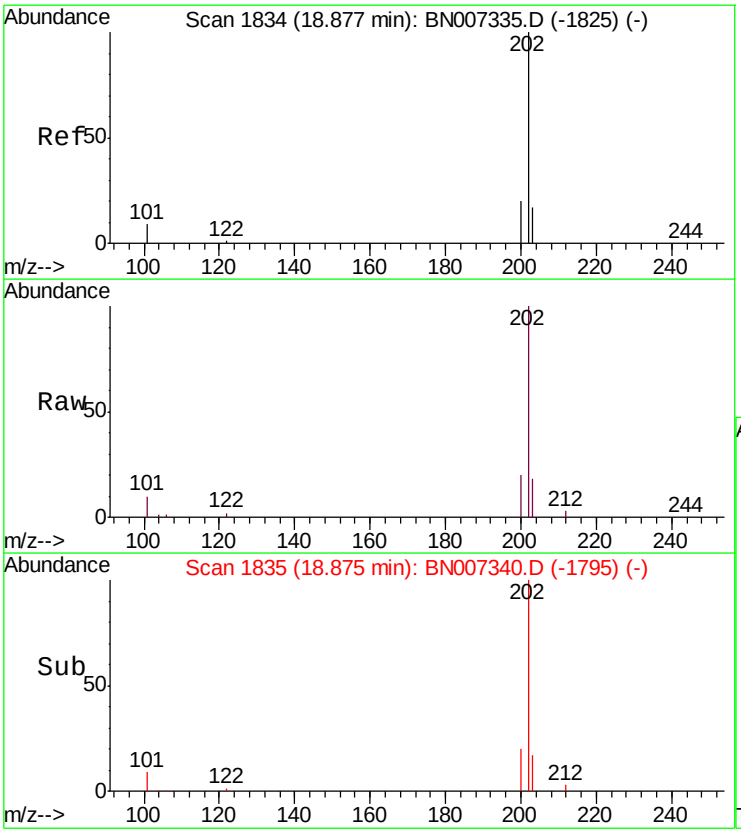
#25
Fluoranthene-d10
Concen: 0.420 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:212 Resp: 28141

Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.0	13.4
104	6.8	5.4	8.2

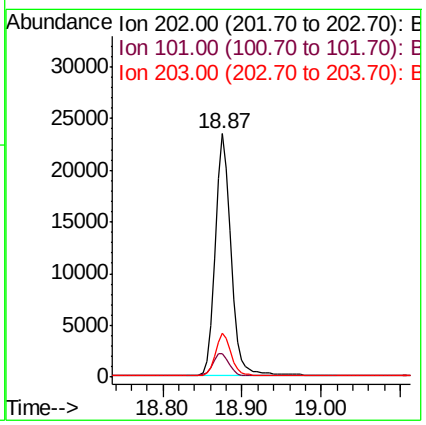


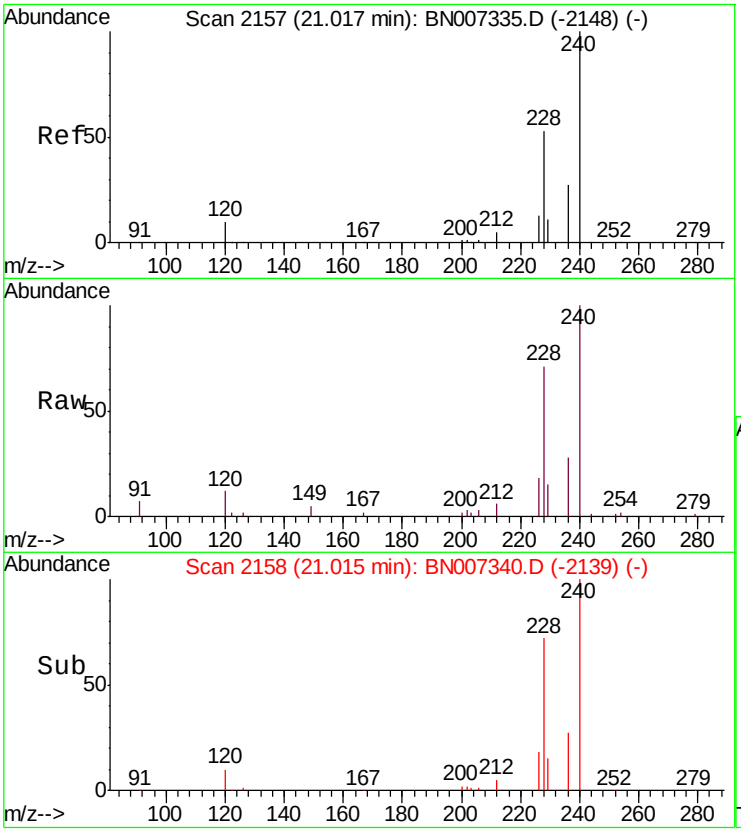


#26
Fluoranthene
Concen: 0.413 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:202 Resp: 33198

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.7	11.5
203	17.1	13.7	20.5



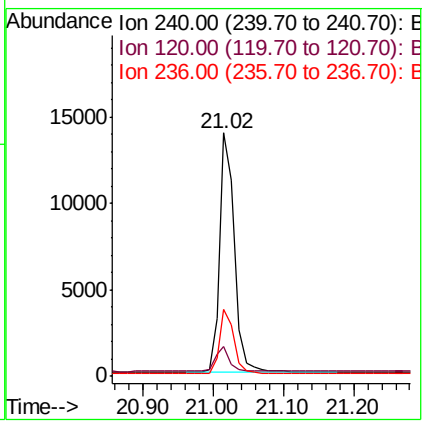


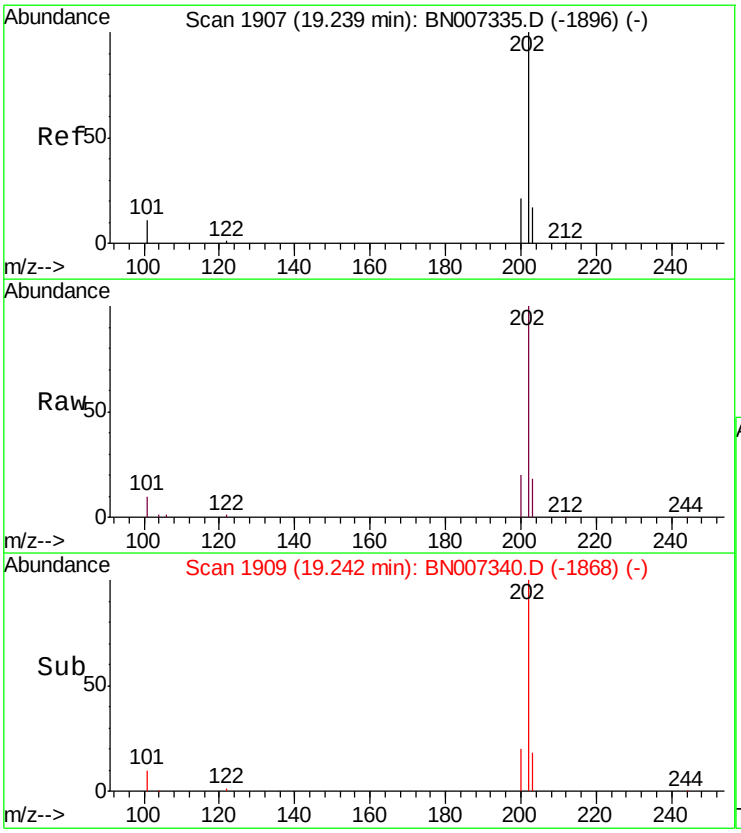
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:240 Resp: 20481

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.6	14.4
236	27.7	22.2	33.2

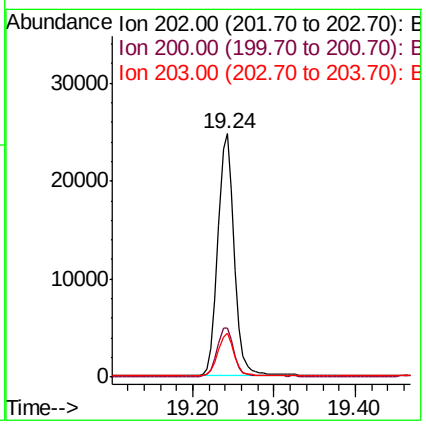


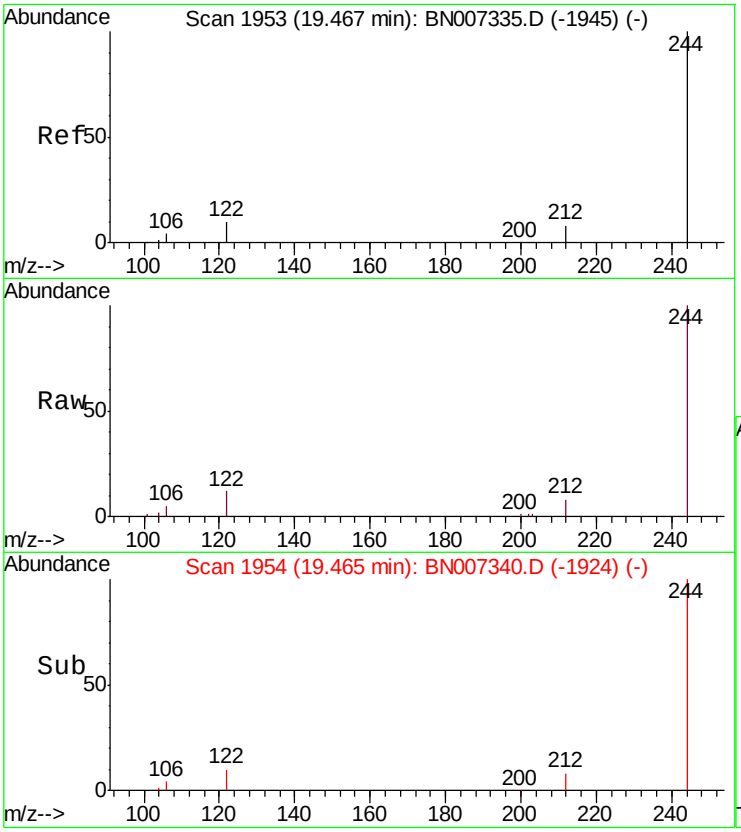


#28
Pyrene
Concen: 0.418 ng
RT: 19.24 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:202 Resp: 34472

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.7	14.2	21.4



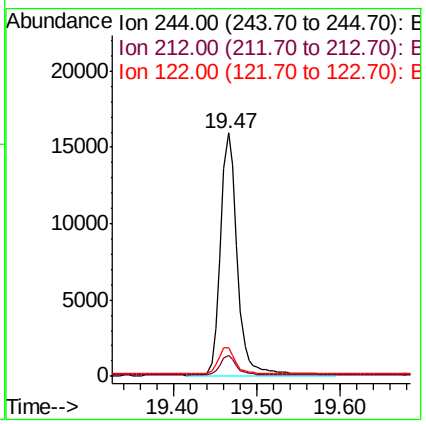


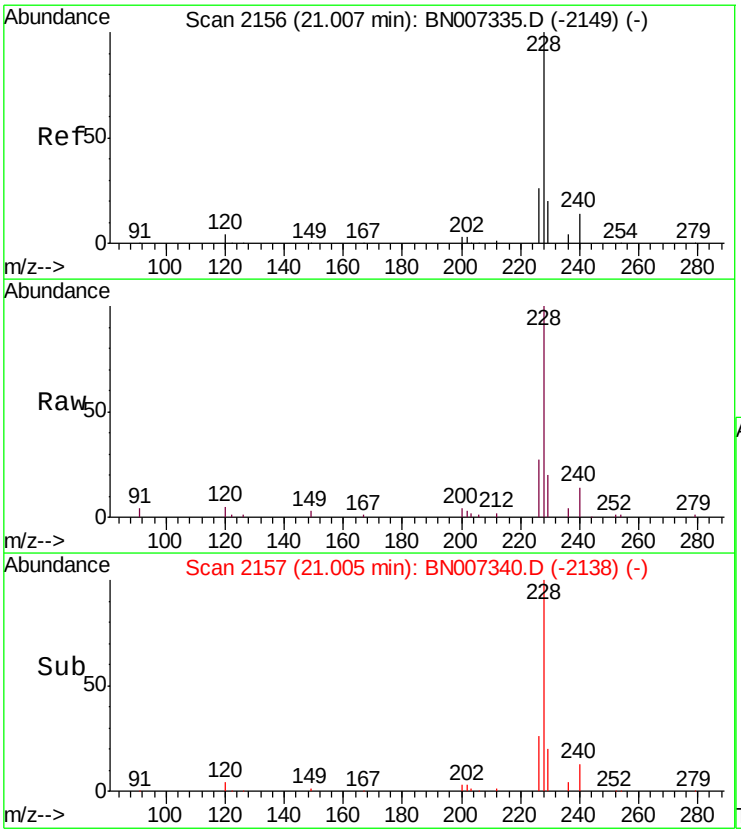
#29
Terphenyl-d14
Concen: 0.416 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:244 Resp: 22290

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	11.6	9.6	14.4

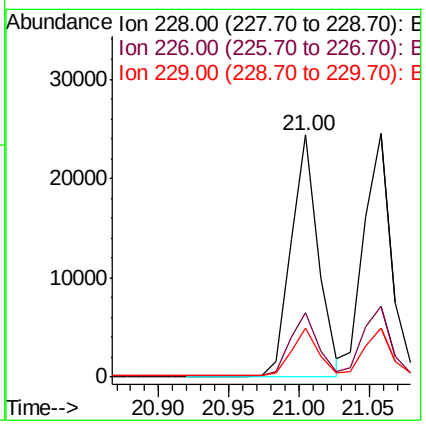


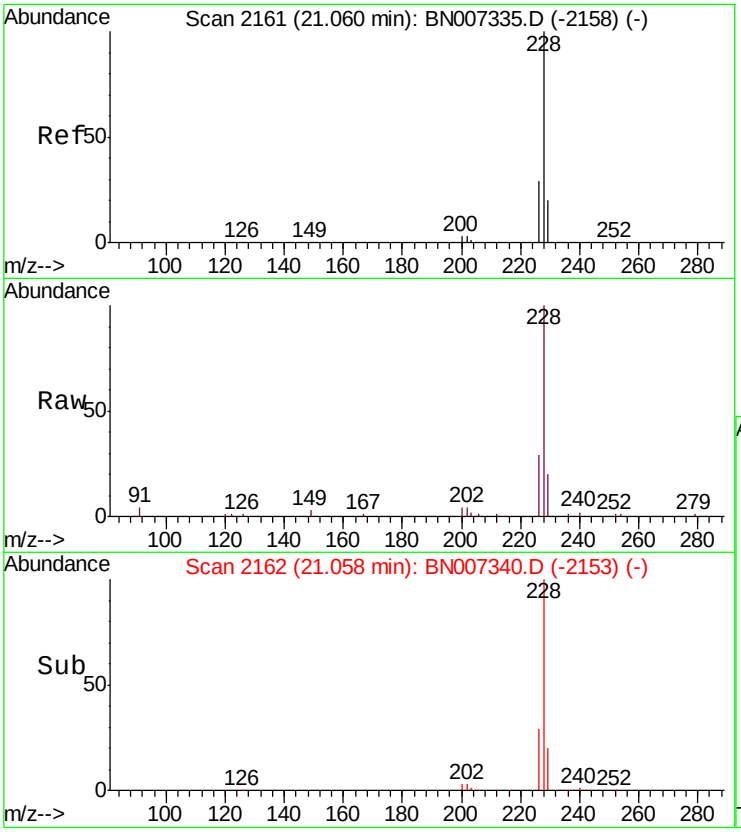


#30
Benzo(a)anthracene
Concen: 0.406 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:228 Resp: 32618

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.3	31.9
229	20.3	16.1	24.1



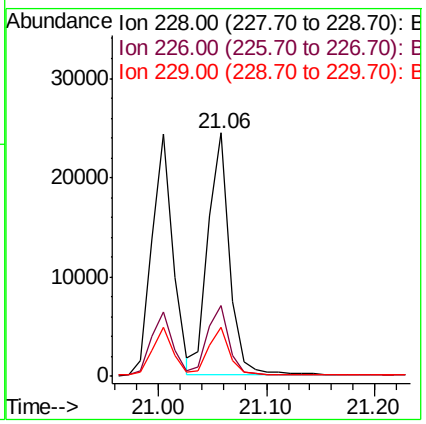


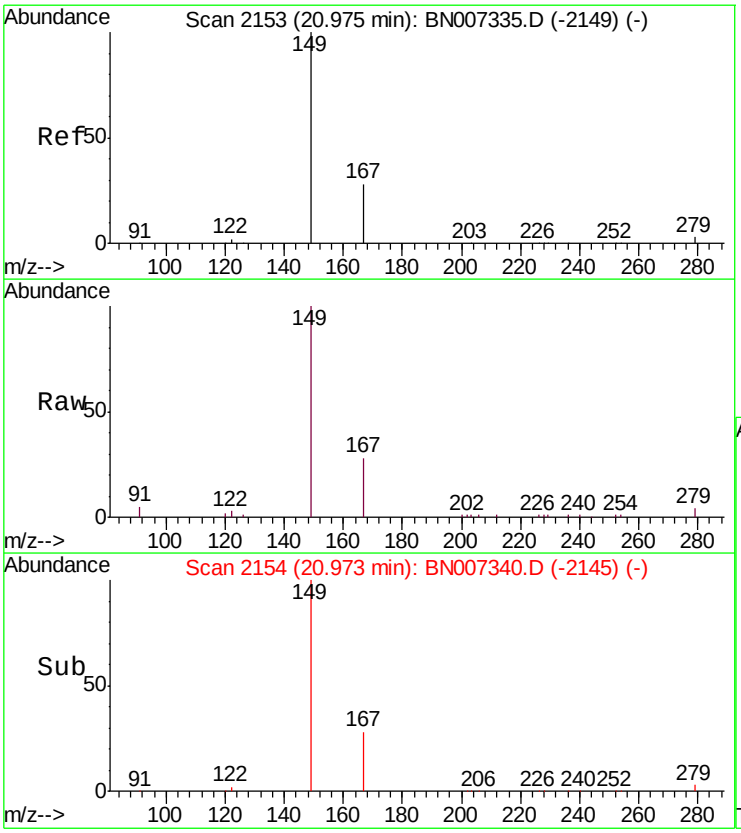
#31
Chrysene
Concen: 0.428 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:228 Resp: 33254

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.5	35.3
229	20.2	16.6	24.8

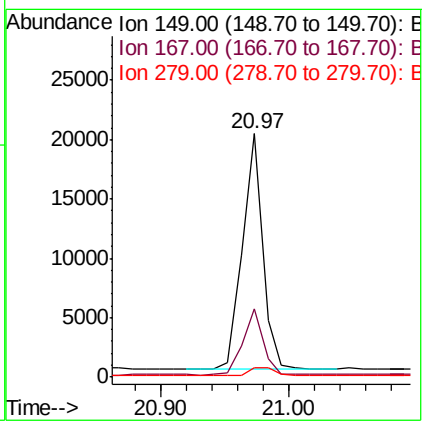


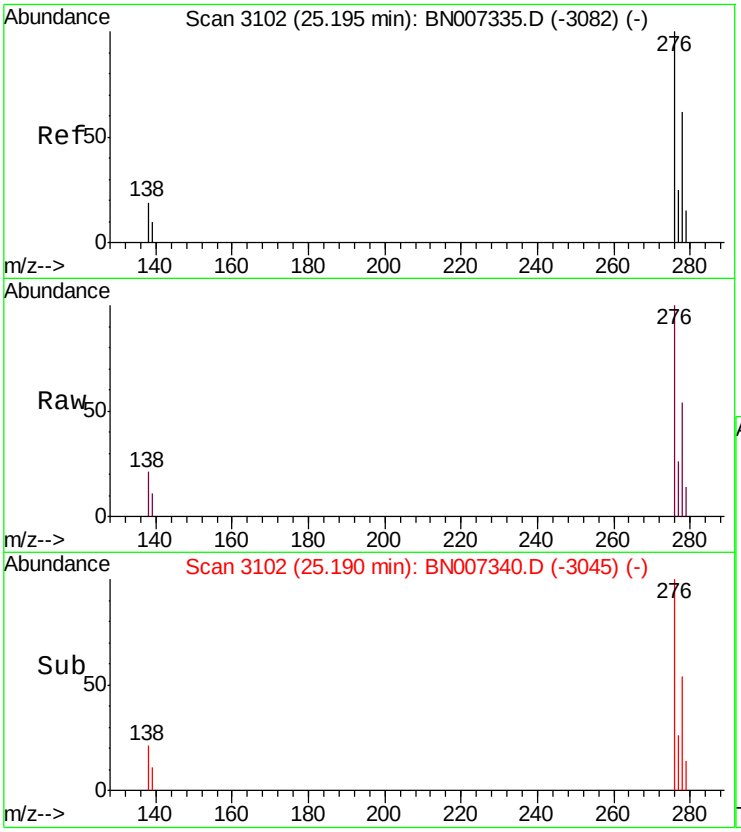


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.408 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:149 Resp: 22222

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	4.4	3.5	5.3



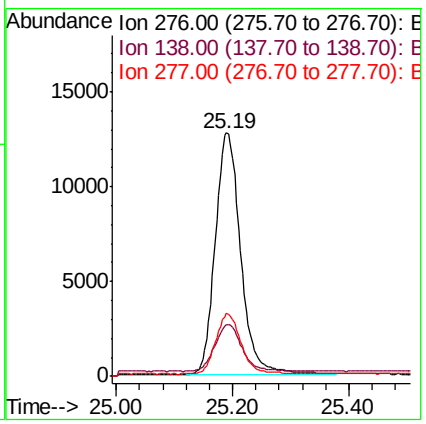


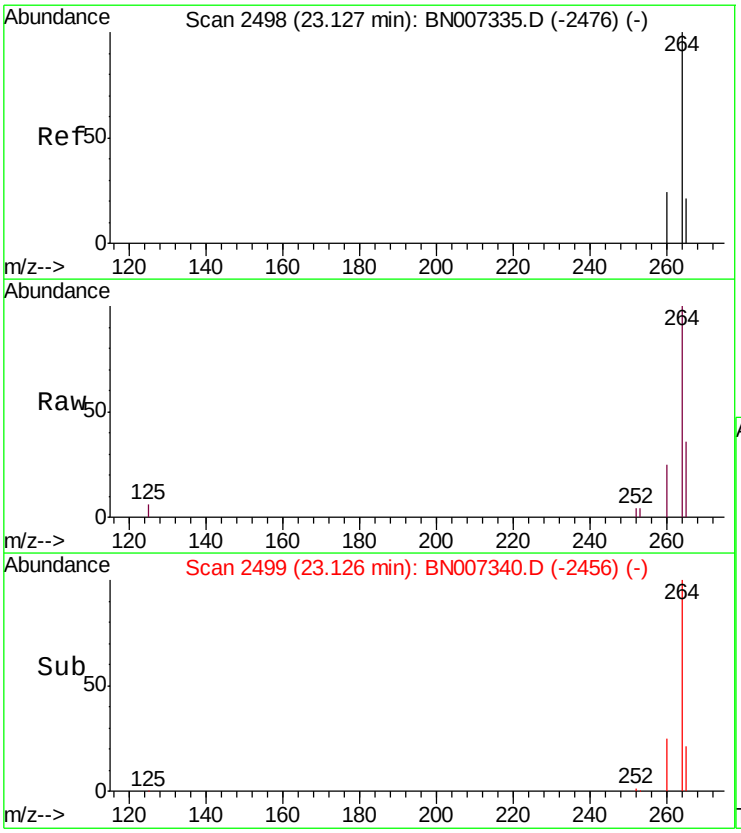
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.415 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:276 Resp: 38788

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.1	22.7
277	24.9	19.7	29.5

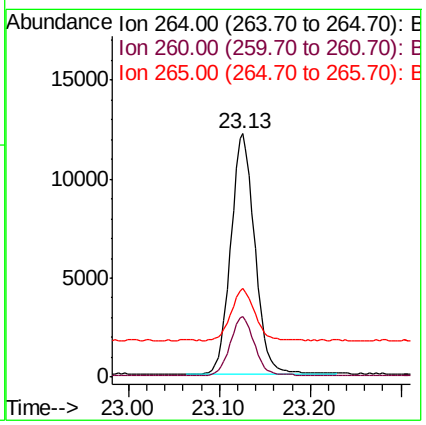


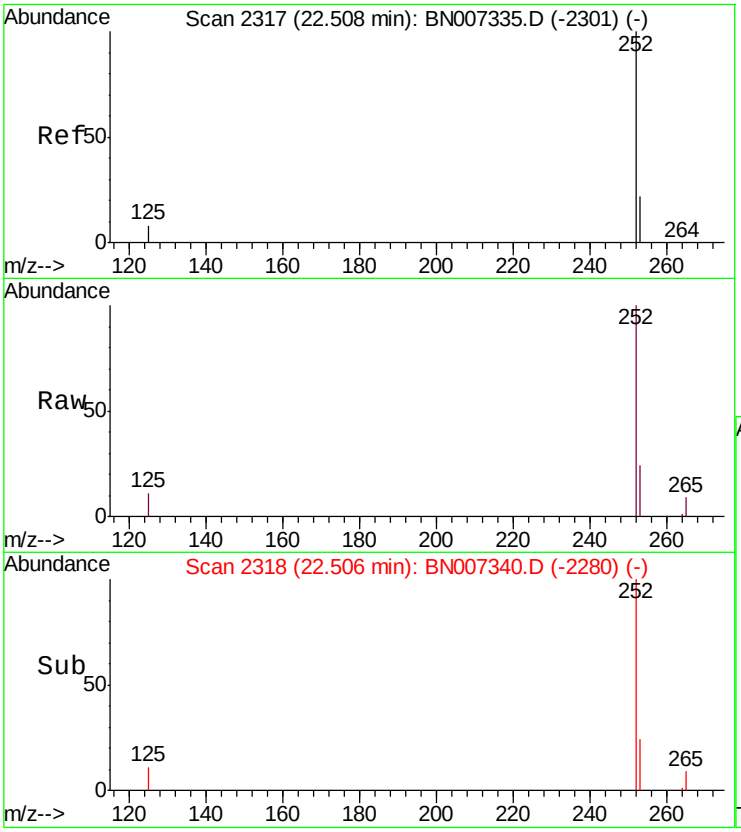


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:264 Resp: 22286

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	36.4	29.9	44.9



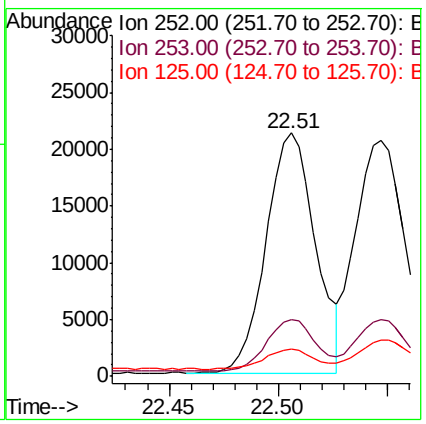


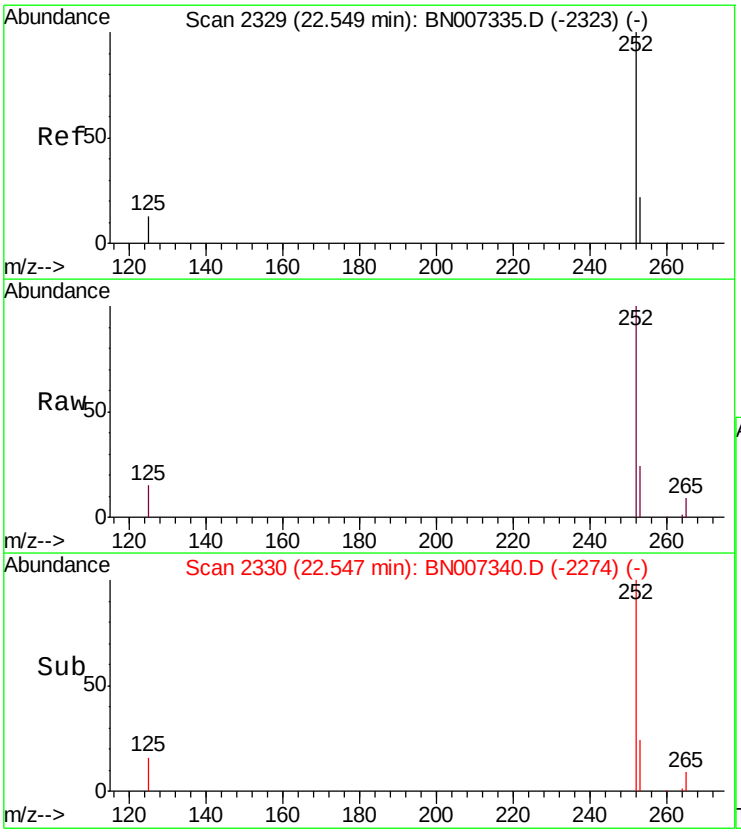
#35
Benzo(b)fluoranthene
Concen: 0.413 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:252 Resp: 33361

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	11.1	10.6	16.0

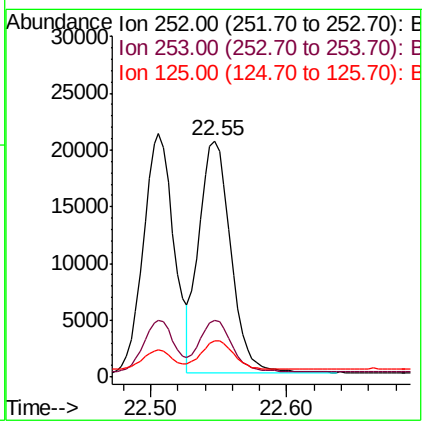


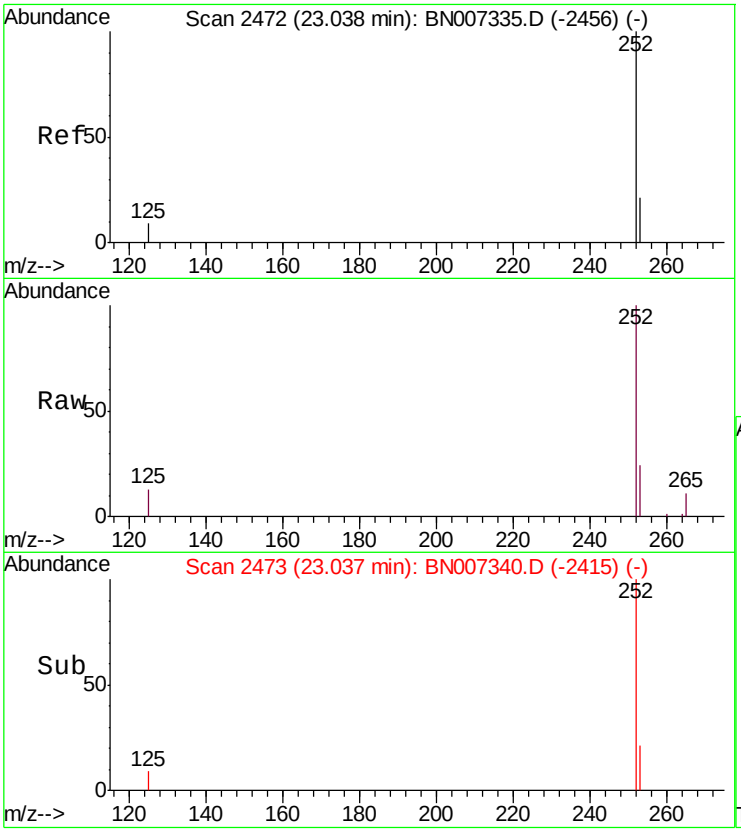


#36
Benzo(k)fluoranthene
Concen: 0.418 ng
RT: 22.55 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:252 Resp: 33376

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.2
125	15.3	13.1	19.7



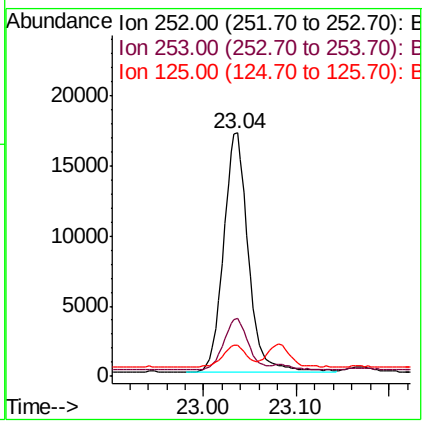


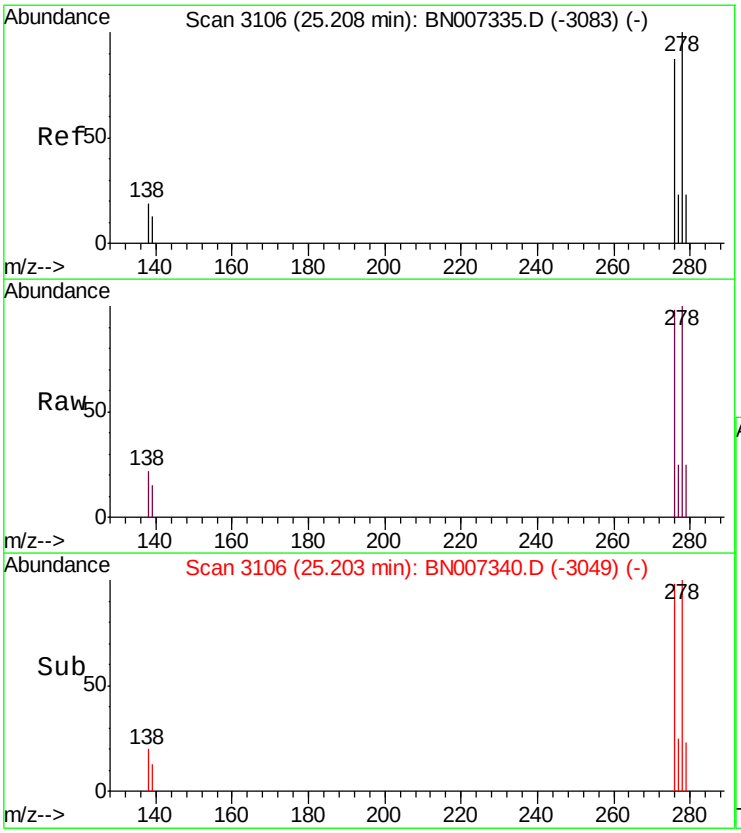
#37
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.04 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:252 Resp: 31707

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.5	29.3
125	13.0	12.1	18.1

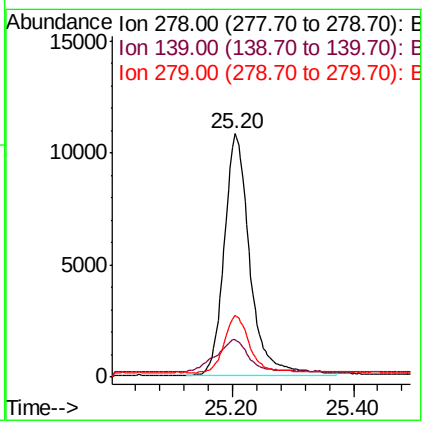


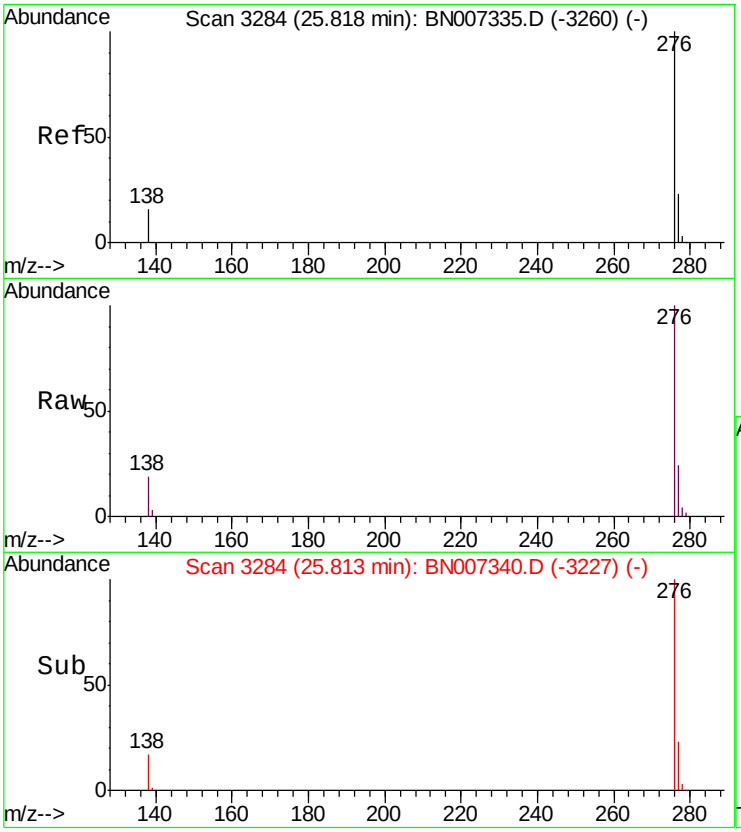


#38
Dibenzo(a,h)anthracene
Concen: 0.412 ng
RT: 25.20 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:278 Resp: 31577

Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.7	20.5
279	25.2	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.409 ng
RT: 25.81 min Scan# 3284
Delta R.T. -0.01 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tgt Ion:276 Resp: 31255

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.6	29.4
138	18.9	16.3	24.5