Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
Data File : BN007086.D
Acq On : 11 Aug 2019 14:38
Operator : HP/JU
Sample : PB121944BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 12 04:43:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	9069	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	33814	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	19064	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	47460	0.40	ng		0.00
26) Chrysene-d12	21.05	240	48245	0.40	ng		-0.01
32) Perylene-d12	23.16	264	49813	0.40	ng		-0.01
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	7266	0.33	ng		0.00
4) Phenol-d6	6.61	99	9521	0.35	ng		0.00
7) Nitrobenzene-d5	8.56	82	7257	0.27	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	23893	0.38	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	1962	0.19	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	5358	0.19	ng		0.00
24) Fluoranthene-d10	18.87	212	47429	0.28	ng		0.00
28) Terphenyl-d14	19.49	244	38337	0.29	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.35	42	1641	0.275	ng	#	80
5) bis(2-Chloroethyl)ether	6.87	93	7419	0.311	ng		100
8) Naphthalene	10.24	128	27740	0.293	ng		99
9) Hexachlorobutadiene	10.54	225	5687	0.281	ng	#	99
11) 2-Methylnaphthalene	11.87	142	19629	0.292	ng		98
15) Acenaphthylene	13.79	152	28269	0.284	ng		100
16) Acenaphthene	14.13	154	18382	0.288	ng		99
17) Fluorene	15.14	166	24157	0.253	ng		99
19) 4-Bromophenyl-phenylether	16.03	248	8568	0.292	ng	#	82
20) Hexachlorobenzene	16.14	284	8519	0.302	ng		100
21) Pentachlorophenol	16.48	266	4883	0.464	ng		98
22) Phenanthrene	16.87	178	42504	0.299	ng		100
23) Anthracene	16.95	178	37604	0.289	ng		100
25) Fluoranthene	18.90	202	50581	0.278	ng		100
27) Pyrene	19.26	202	50756	0.300	ng		100
29) Benzo(a)anthracene	21.02	228	50066	0.284	ng		99
30) Chrysene	21.08	228	52312	0.305	ng		99
31) Indeno(1,2,3-cd)pyrene	25.24	276	56941	0.301	ng		100
33) Benzo(b)fluoranthene	22.54	252	50446	0.295	ng		100
34) Benzo(k)fluoranthene	22.58	252	50795	0.301	ng		99
35) Benzo(a)pyrene	23.07	252	45374	0.293	ng		100
36) Dibenzo(a,h)anthracene	25.25	278	47438	0.307	ng		100
37) Benzo(g,h,i)perylene	25.86	276	48932	0.308	ng		99

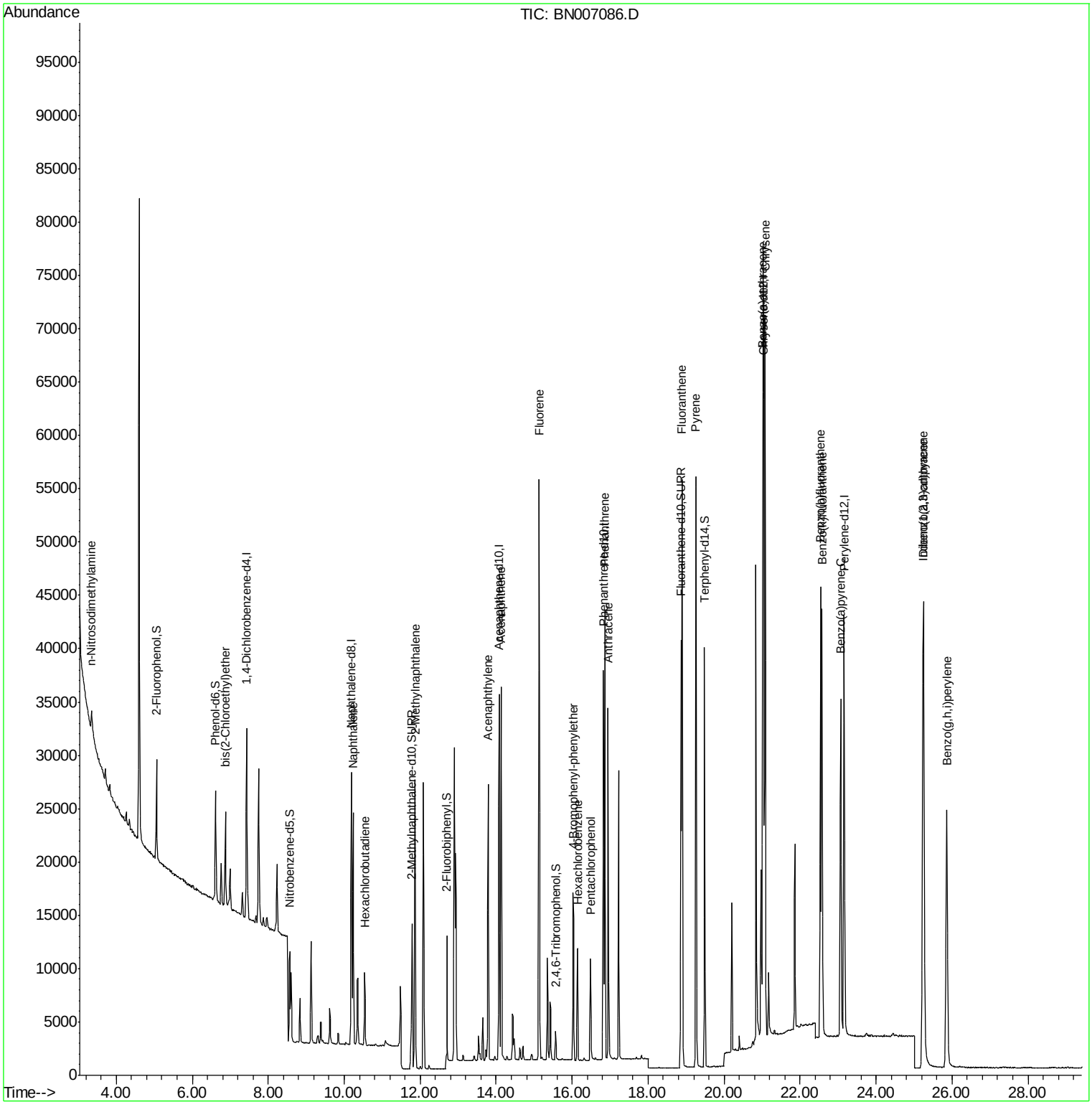
(#) = qualifier out of range (m) = manual integration (+) = signals summed

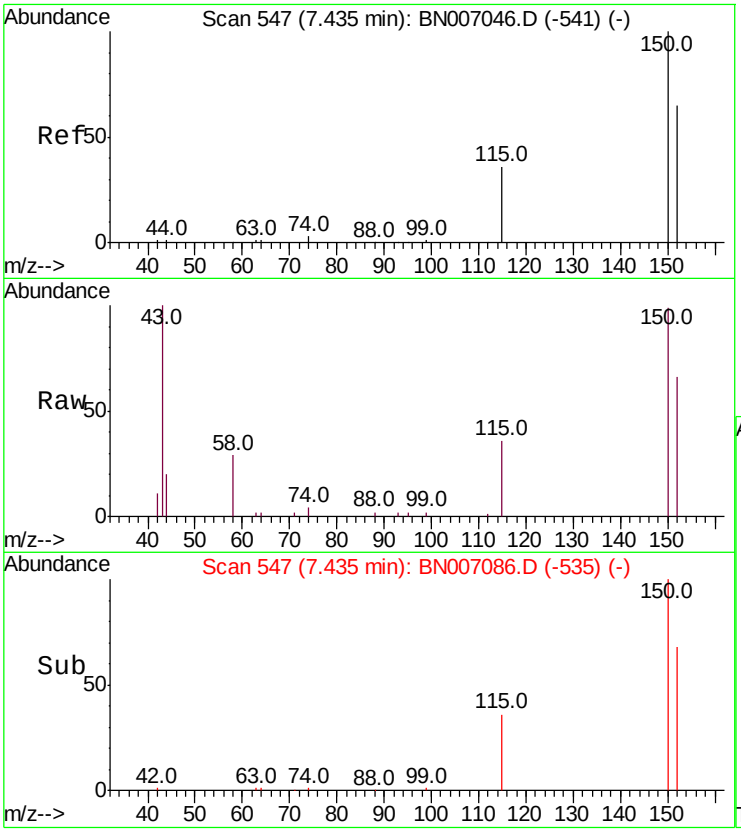
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
Data File : BN007086.D
Acq On : 11 Aug 2019 14:38
Operator : HP/JU
Sample : PB121944BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 12 04:43:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration



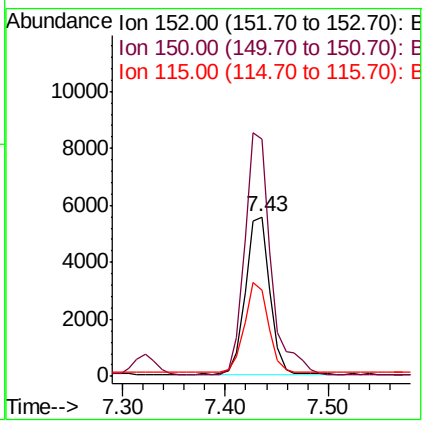


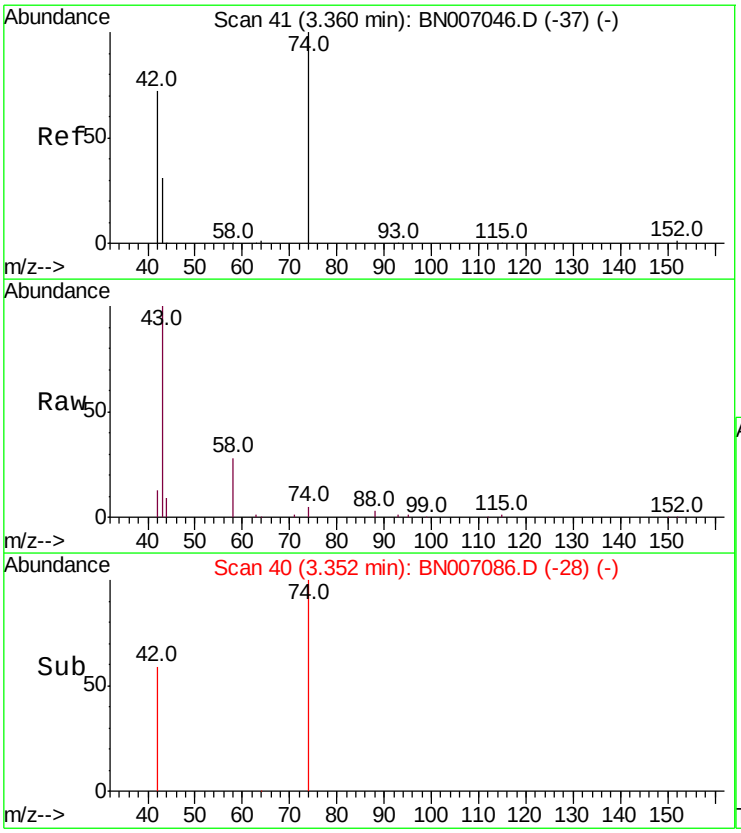
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9069

Ion	Ratio	Lower	Upper
152	100		
150	149.2	121.7	182.5
115	54.3	46.2	69.4

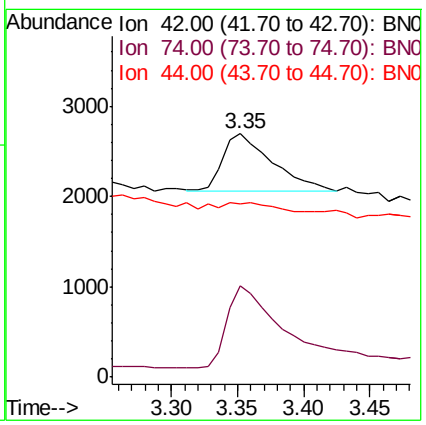


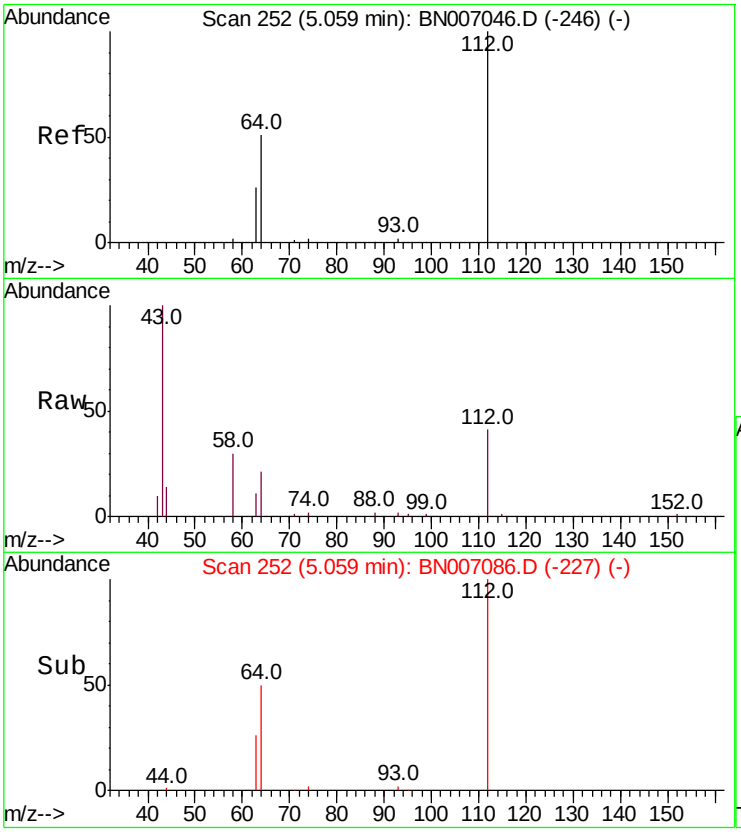


#2
n-Nitrosodimethylamine
Concen: 0.275 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion: 42 Resp: 1641

Ion	Ratio	Lower	Upper
42	100		
74	162.9	110.6	166.0
44	12.9	0.0	0.0#



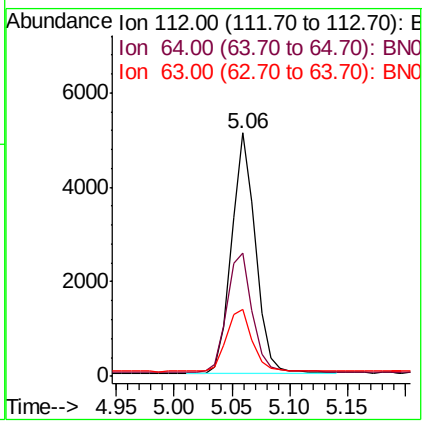


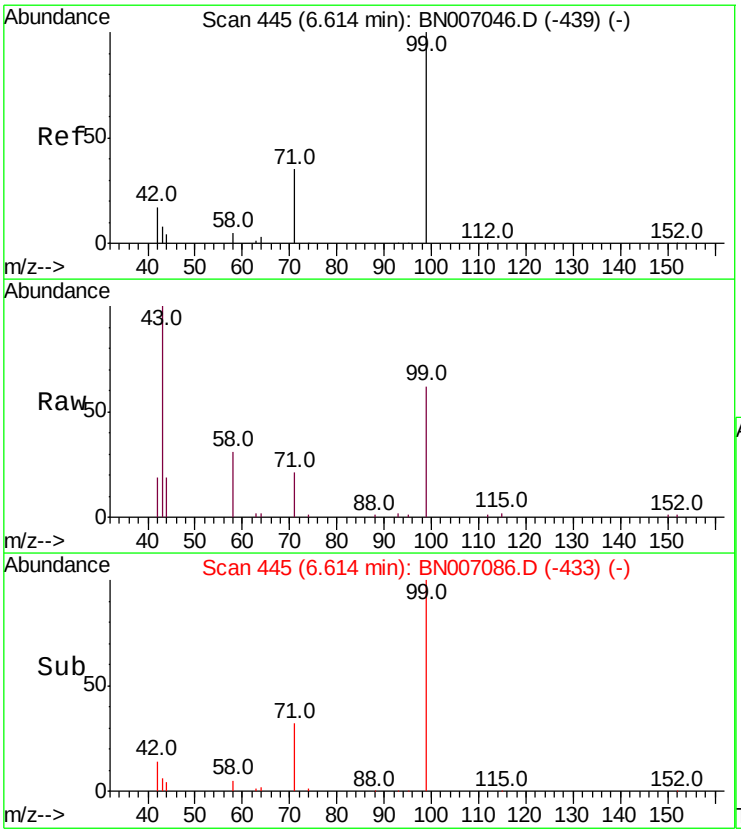
#3
2-Fluorophenol
Concen: 0.333 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 7266

Ion	Ratio	Lower	Upper
112	100		
64	53.1	42.6	63.8
63	28.4	22.2	33.2

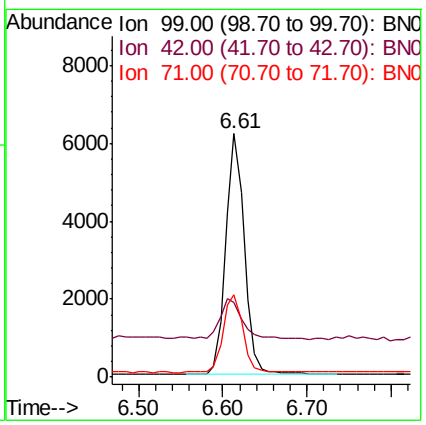


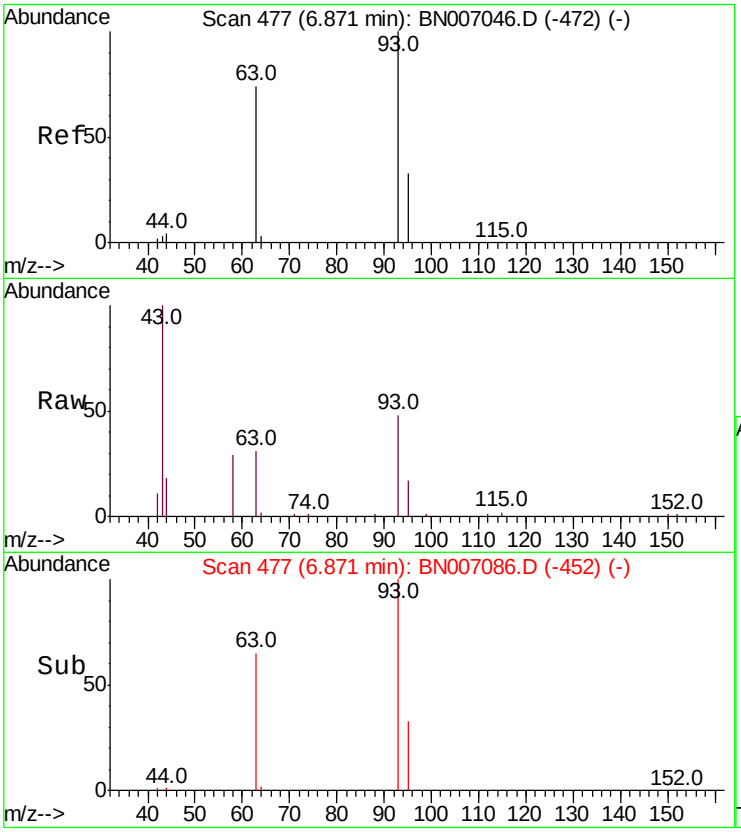


#4
Phenol-d6
Concen: 0.353 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion: 99 Resp: 9521

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.8	23.6
71	34.3	27.0	40.4



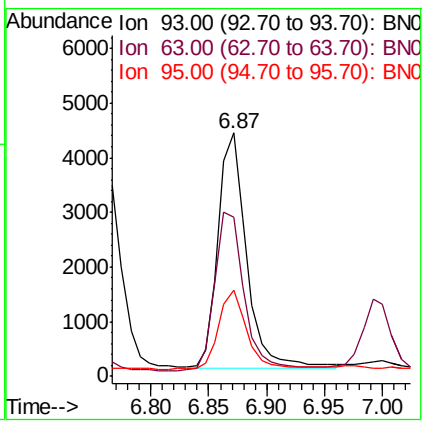


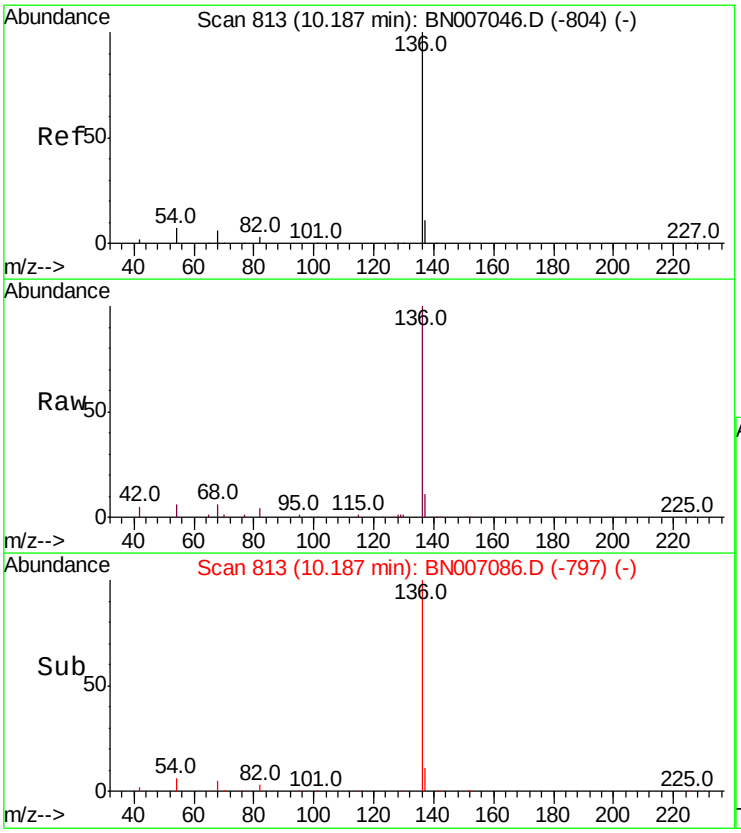
#5
bis(2-Chloroethyl)ether
Concen: 0.311 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 7419

Ion	Ratio	Lower	Upper
93	100		
63	69.1	55.6	83.4
95	33.1	26.7	40.1

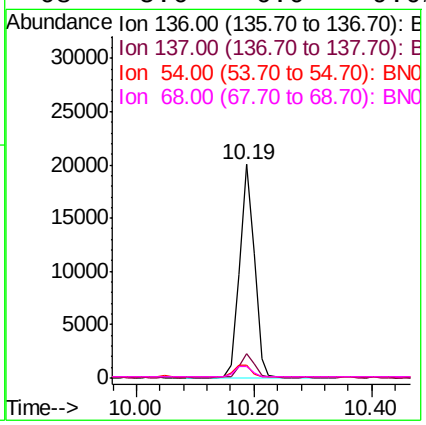


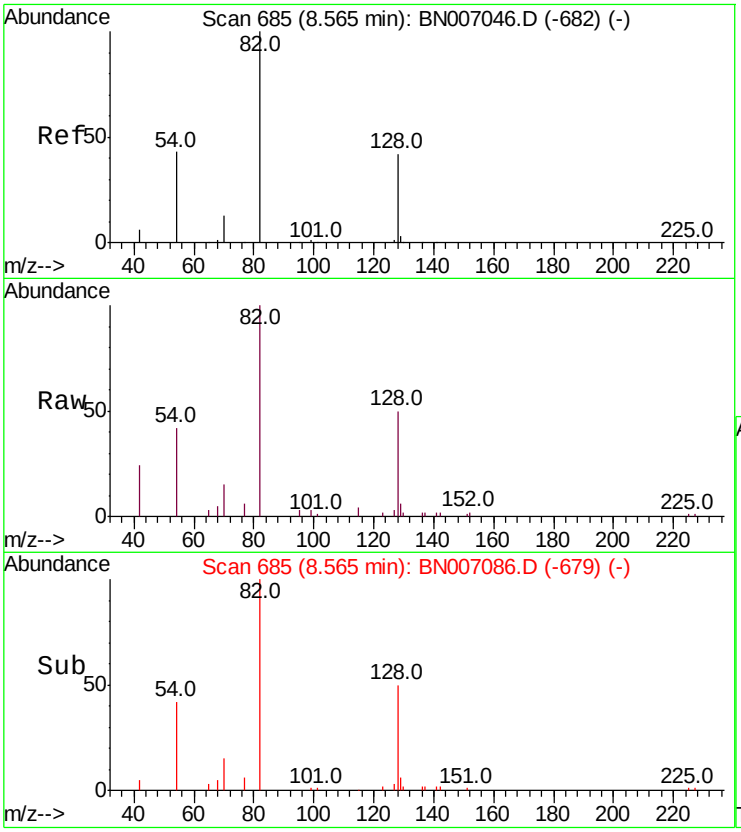


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:136 Resp: 33814

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	6.3	6.6	9.8#
68	5.6	6.0	9.0#



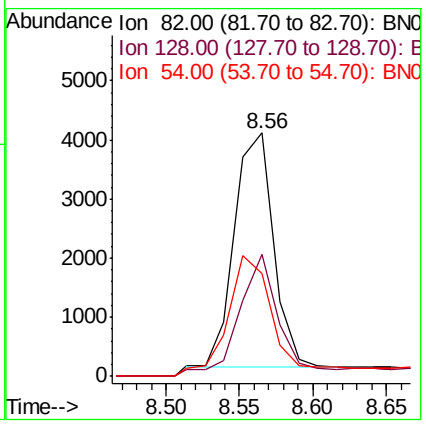


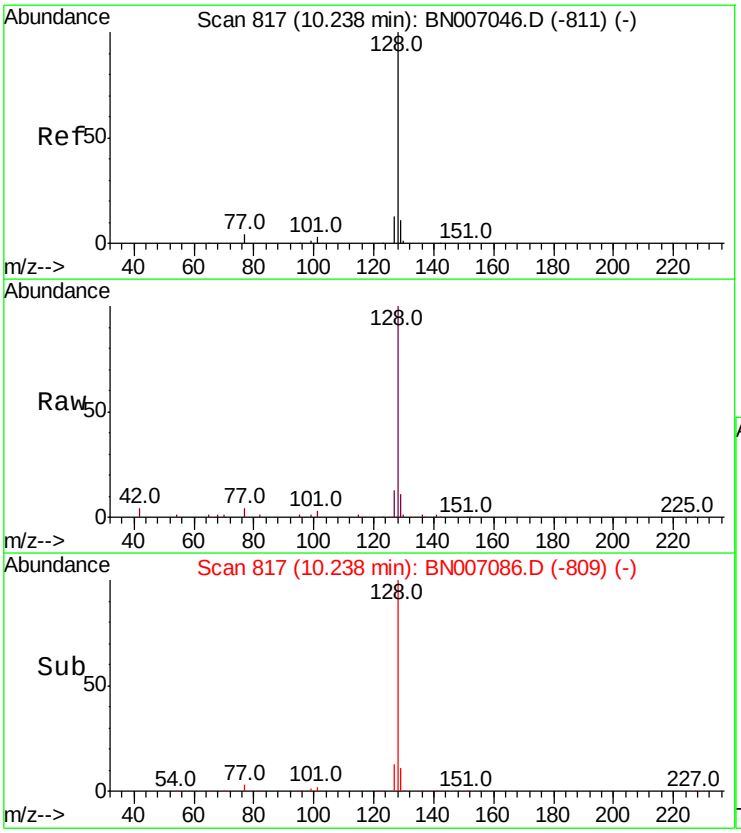
#7
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 7257

Ion	Ratio	Lower	Upper
82	100		
128	49.9	34.6	51.8
54	42.1	36.2	54.4

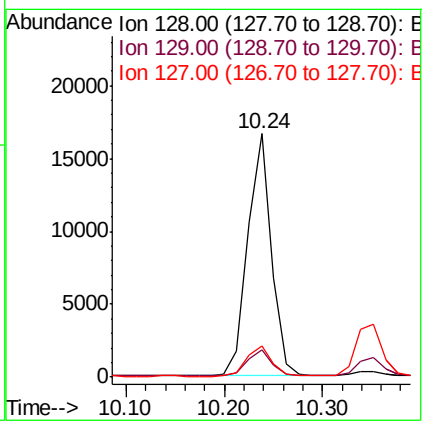


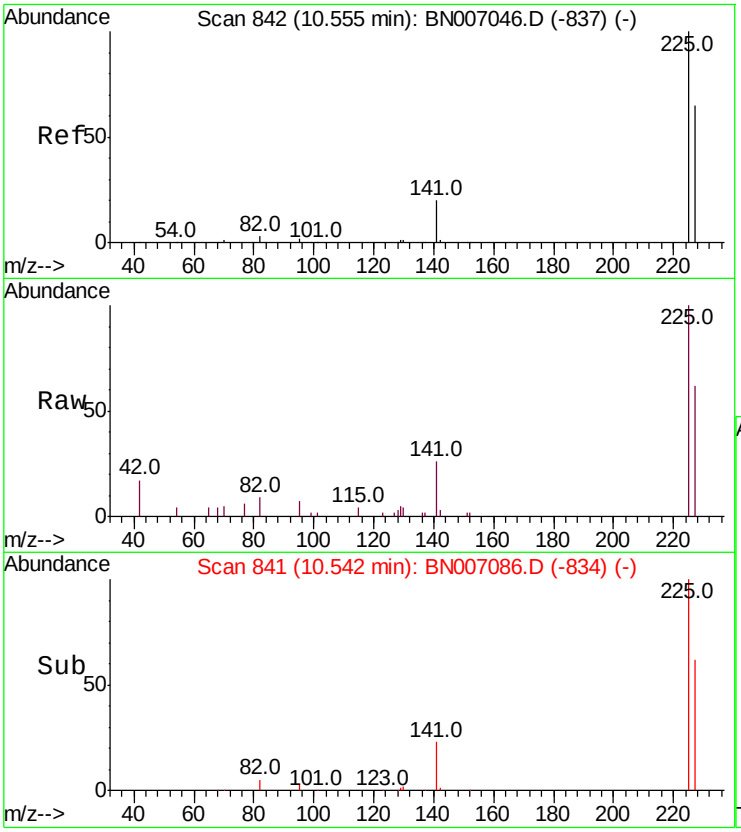


#8
Naphthalene
Concen: 0.293 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:128 Resp: 27740

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.0	11.0	16.6



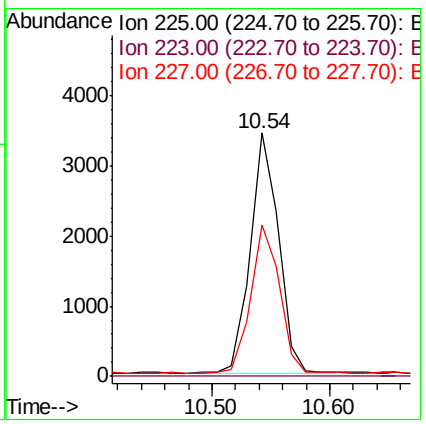


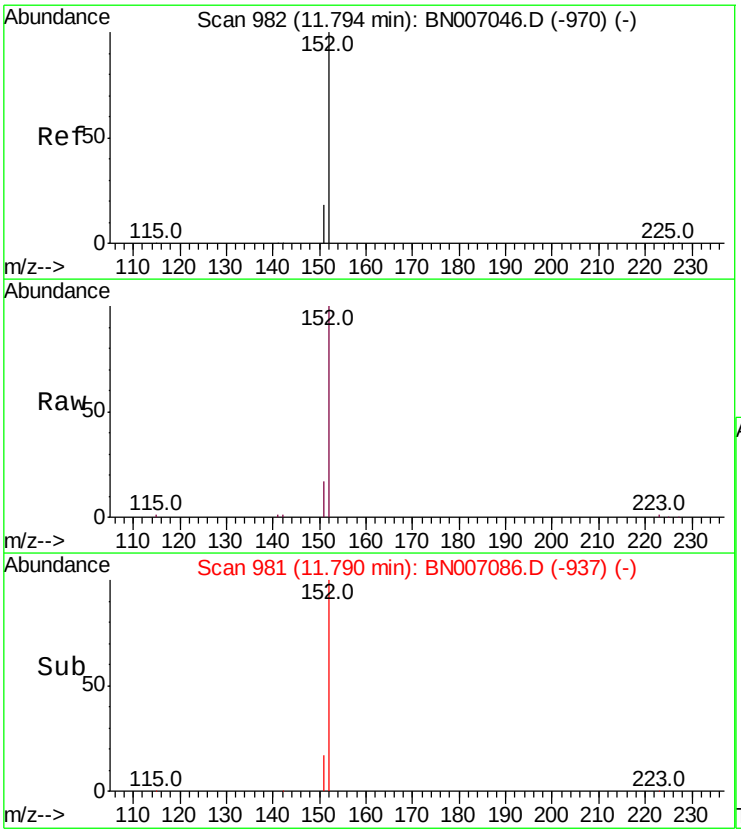
#9
Hexachlorobutadiene
Concen: 0.281 ng
RT: 10.54 min Scan# 841
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:225 Resp: 5687

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	51.1	76.7

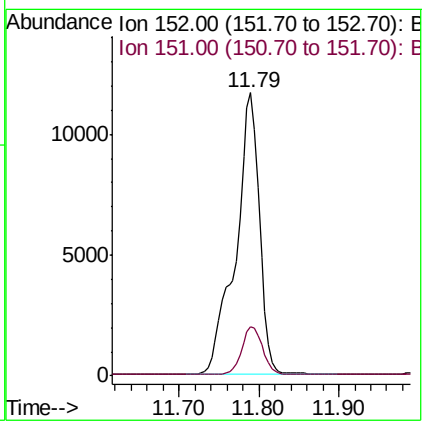


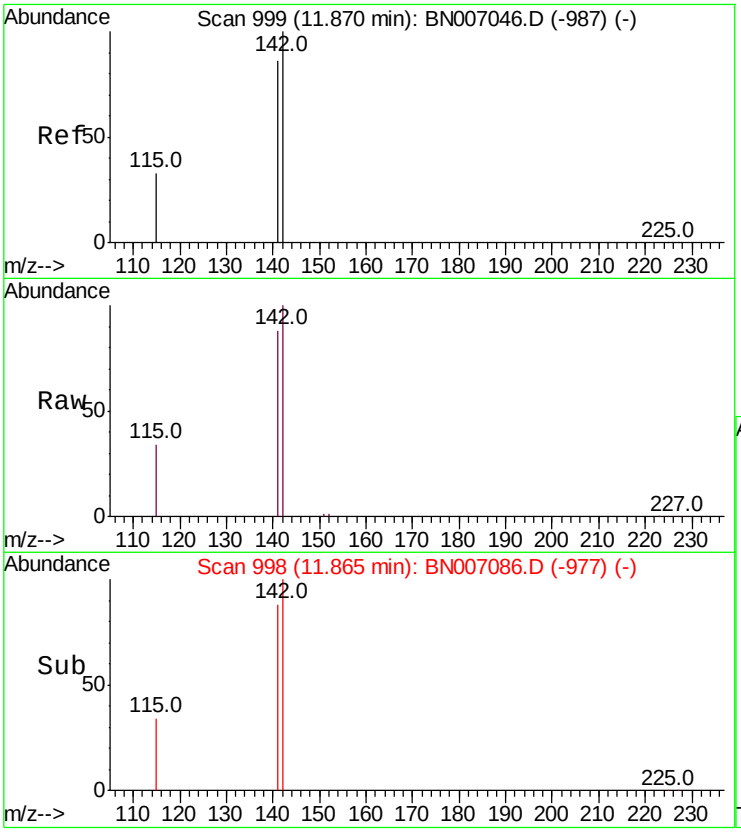


#10
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:152 Resp: 23893

Ion	Ratio	Lower	Upper
152	100		
151	15.0	15.5	23.3#



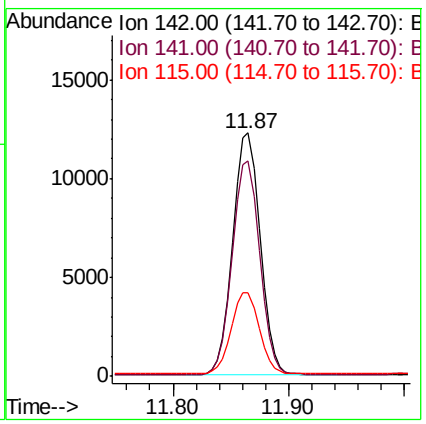


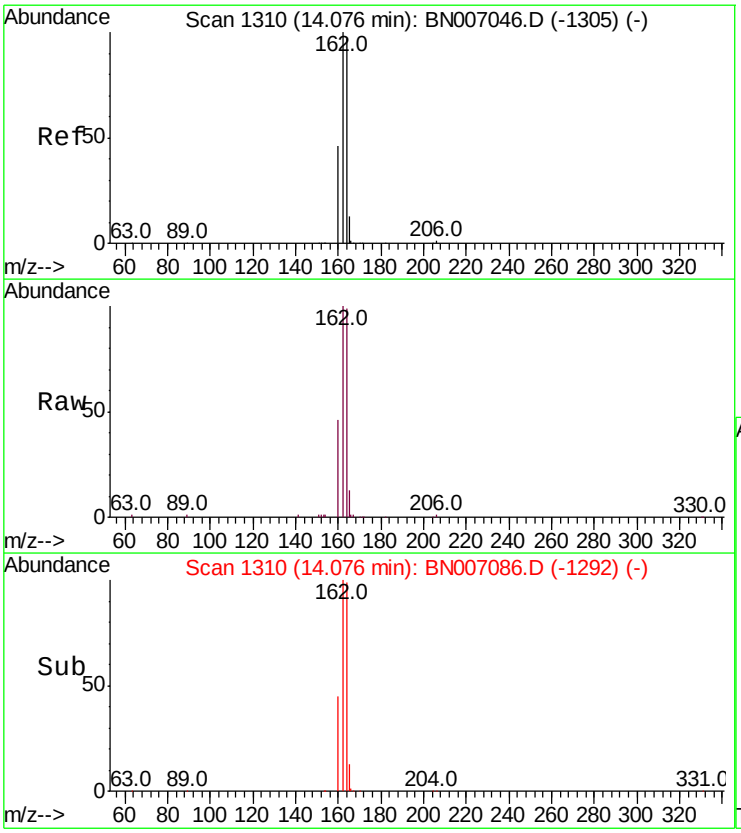
#11
2-Methylnaphthalene
Concen: 0.292 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 19629

Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.0	103.6
115	34.4	27.1	40.7

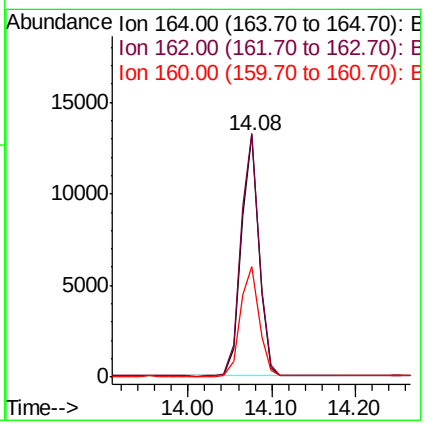


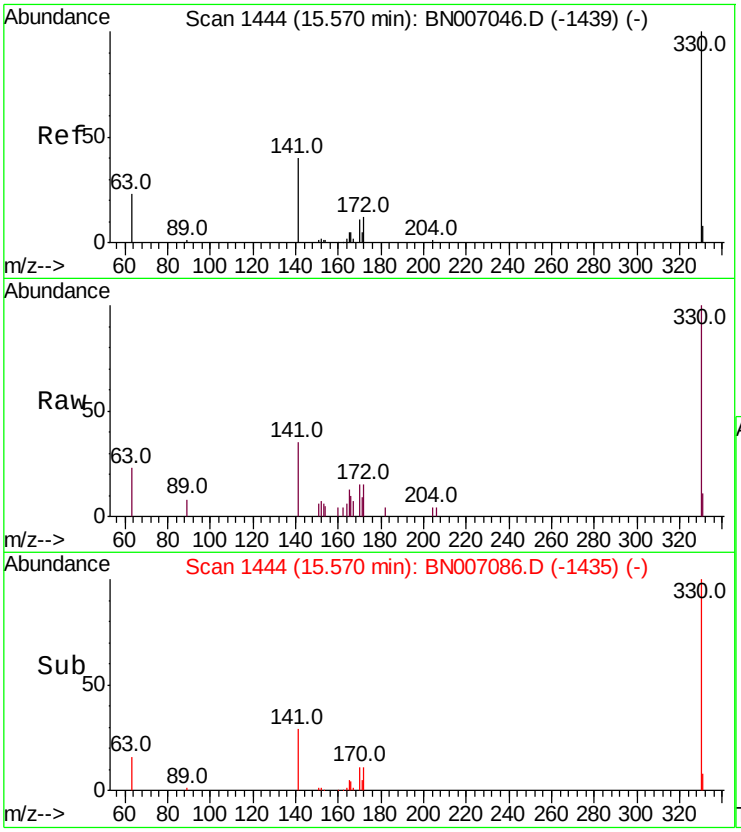


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:164 Resp: 19064

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.2	123.4
160	45.8	38.3	57.5



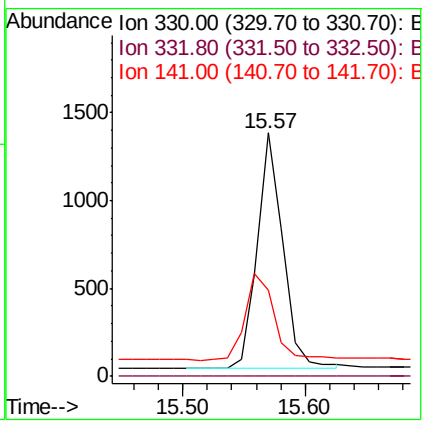


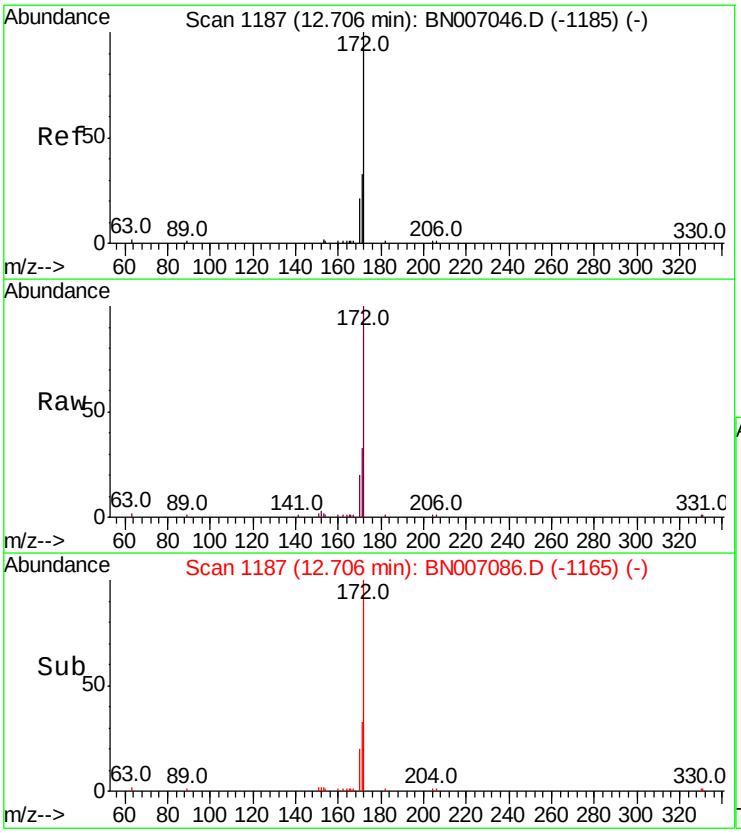
#13
2,4,6-Tribromophenol
Concen: 0.191 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1962

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.5	33.6	50.4

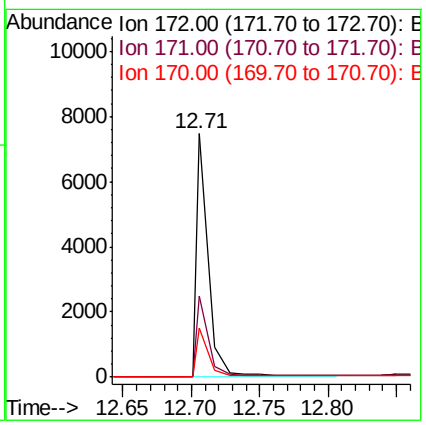


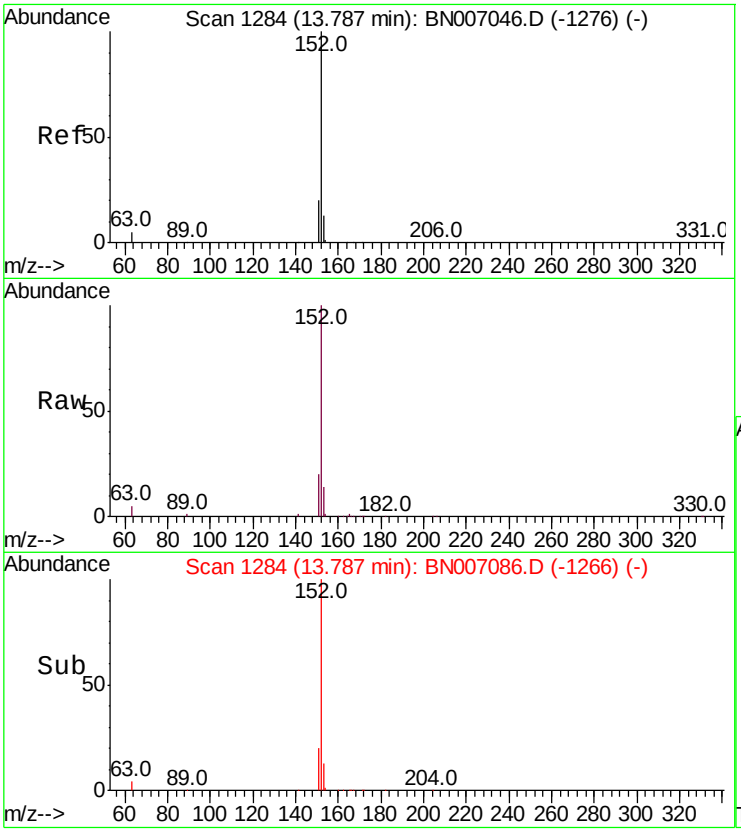


#14
2-Fluorobiphenyl
Concen: 0.193 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:172 Resp: 5358

Ion	Ratio	Lower	Upper
172	100		
171	33.0	26.3	39.5
170	20.1	17.0	25.4



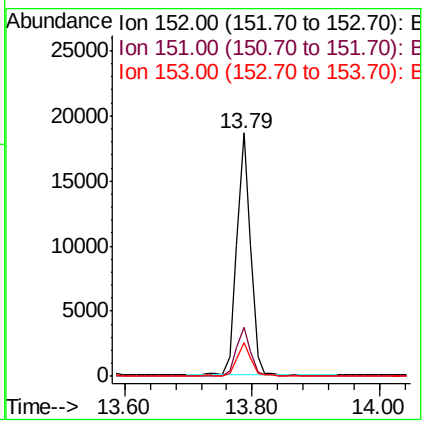


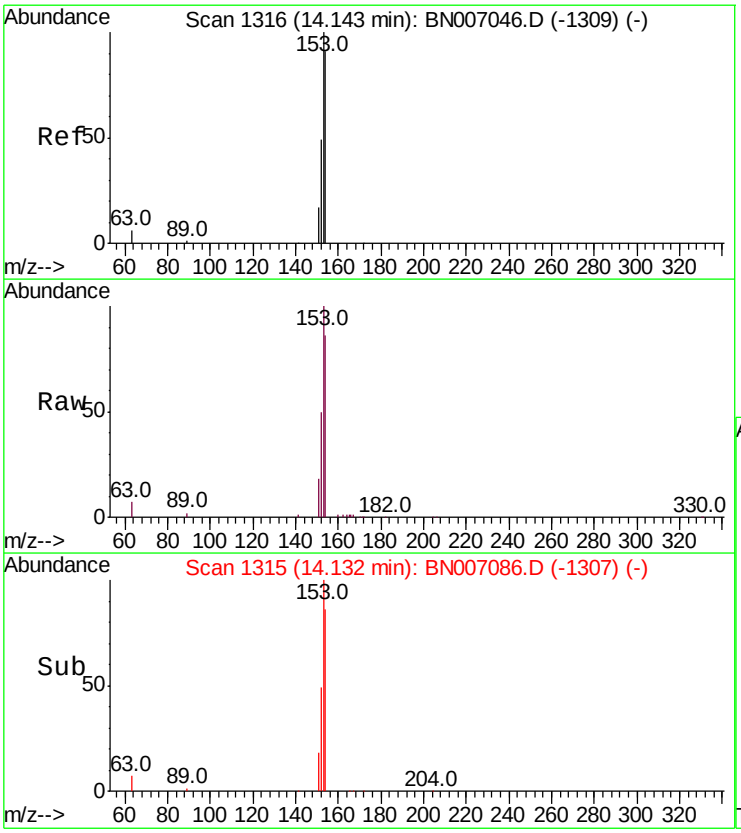
#15
Acenaphthylene
Concen: 0.284 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 28269

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.0	10.4	15.6

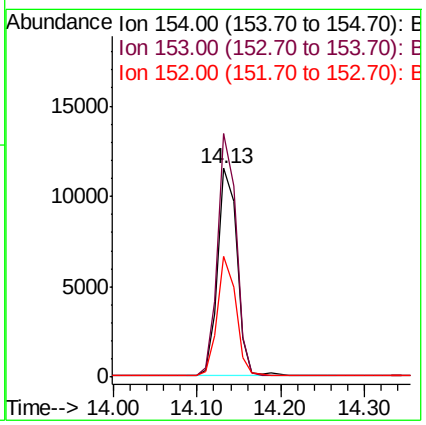


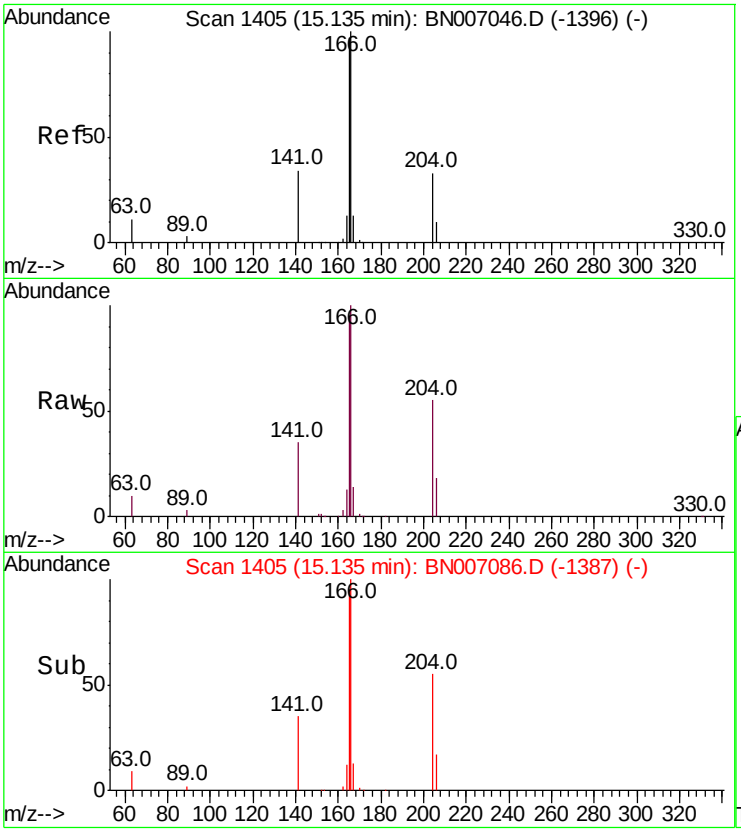


#16
Acenaphthene
Concen: 0.288 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:154 Resp: 18382

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.5	134.3
152	55.5	44.8	67.2



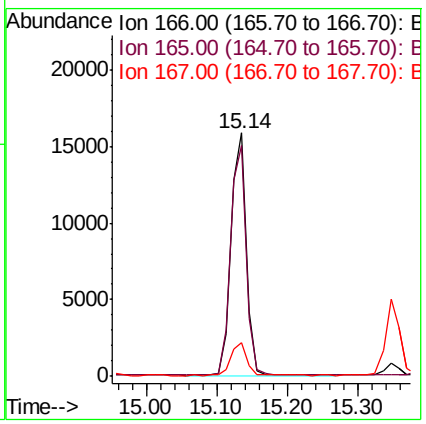


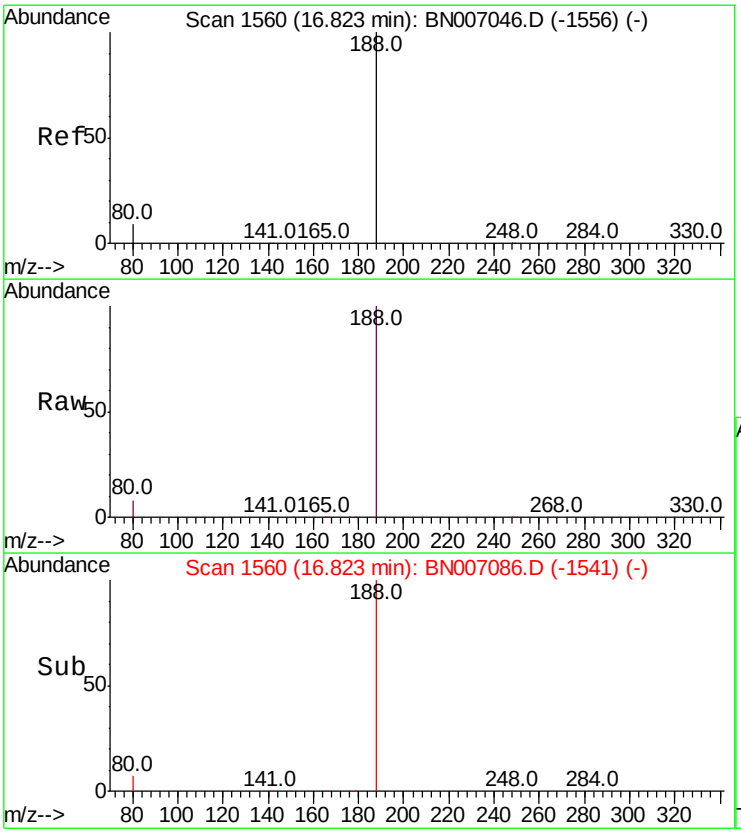
#17
Fluorene
Concen: 0.253 ng
RT: 15.14 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 24157

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.9	116.9
167	13.5	10.9	16.3

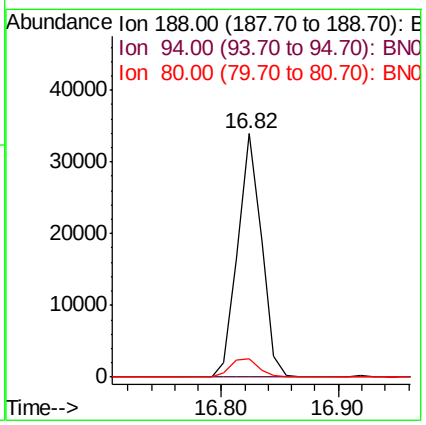


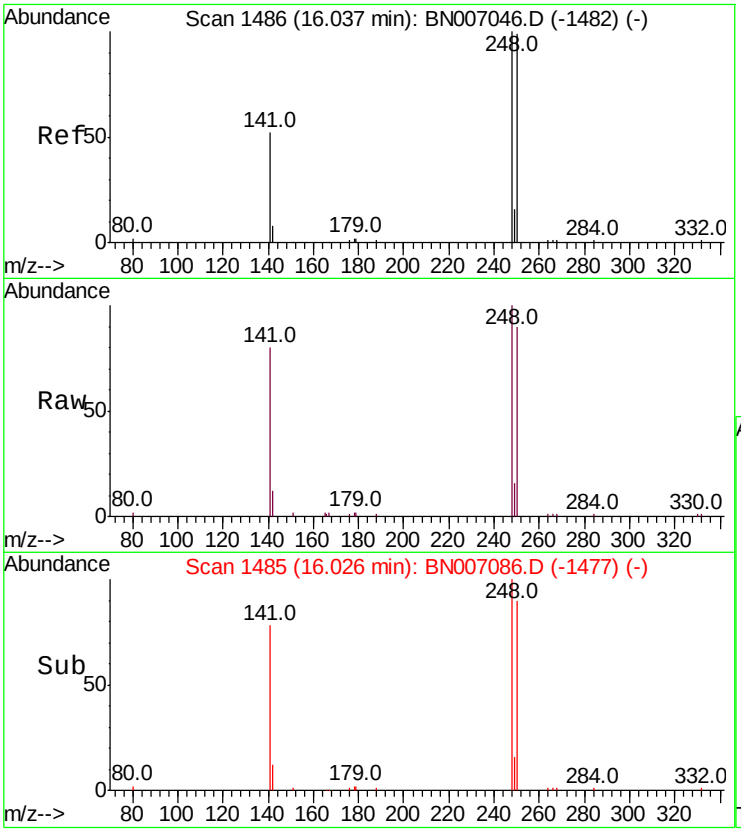


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:188 Resp: 47460

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	7.8	11.6#



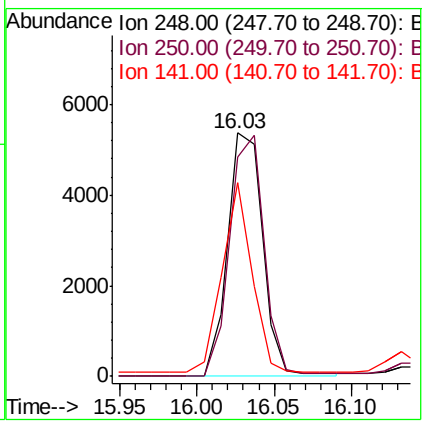


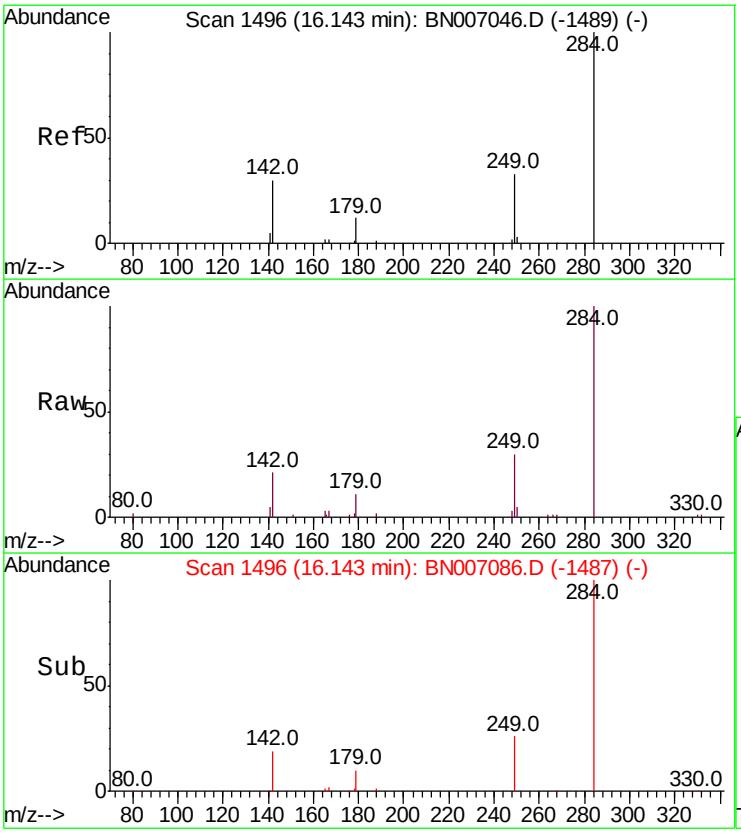
#19
4-Bromophenyl-phenylether
Concen: 0.292 ng
RT: 16.03 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 8568

Ion	Ratio	Lower	Upper
248	100		
250	90.0	78.9	118.3
141	79.6	43.3	64.9#

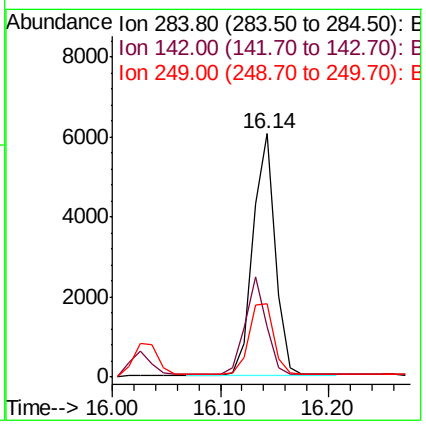


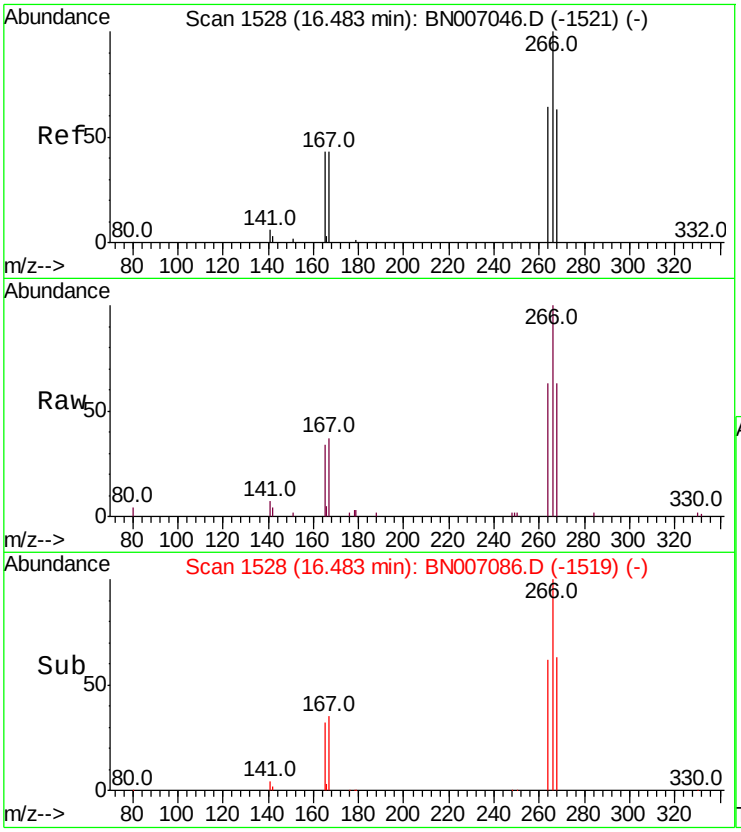


#20
Hexachlorobenzene
Concen: 0.302 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:284 Resp: 8519

Ion	Ratio	Lower	Upper
284	100		
142	38.3	30.5	45.7
249	33.0	26.7	40.1



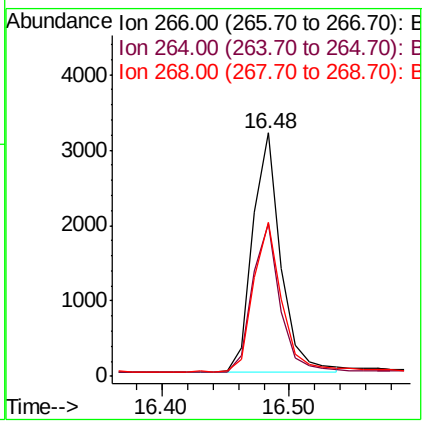


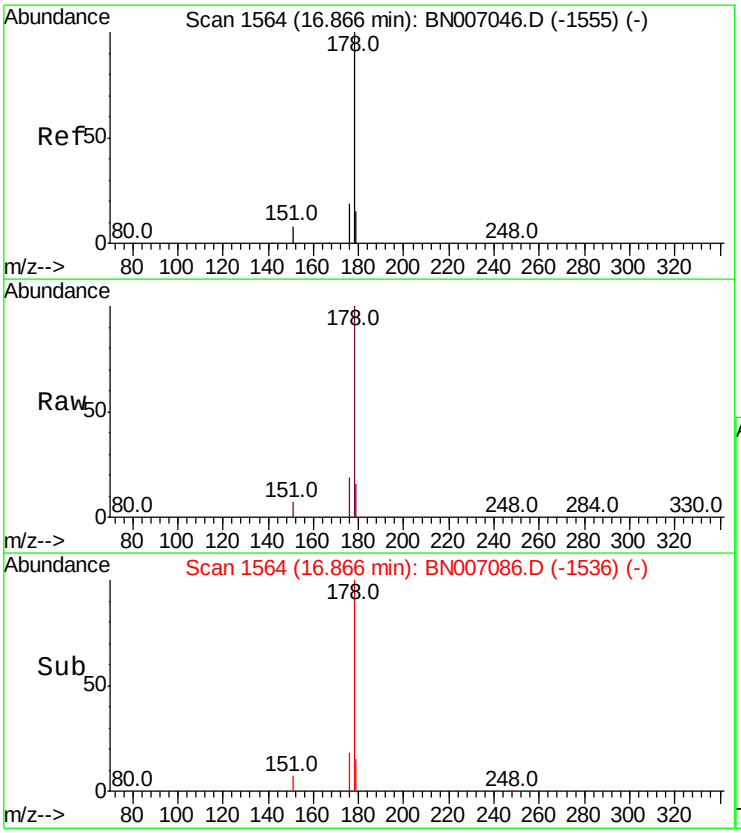
#21
Pentachlorophenol
Concen: 0.464 ng
RT: 16.48 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 4883

Ion	Ratio	Lower	Upper
266	100		
264	62.5	52.3	78.5
268	63.5	51.5	77.3

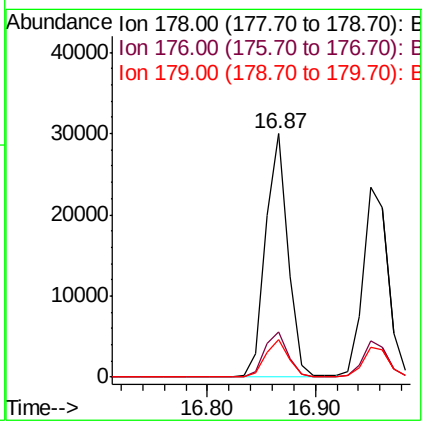


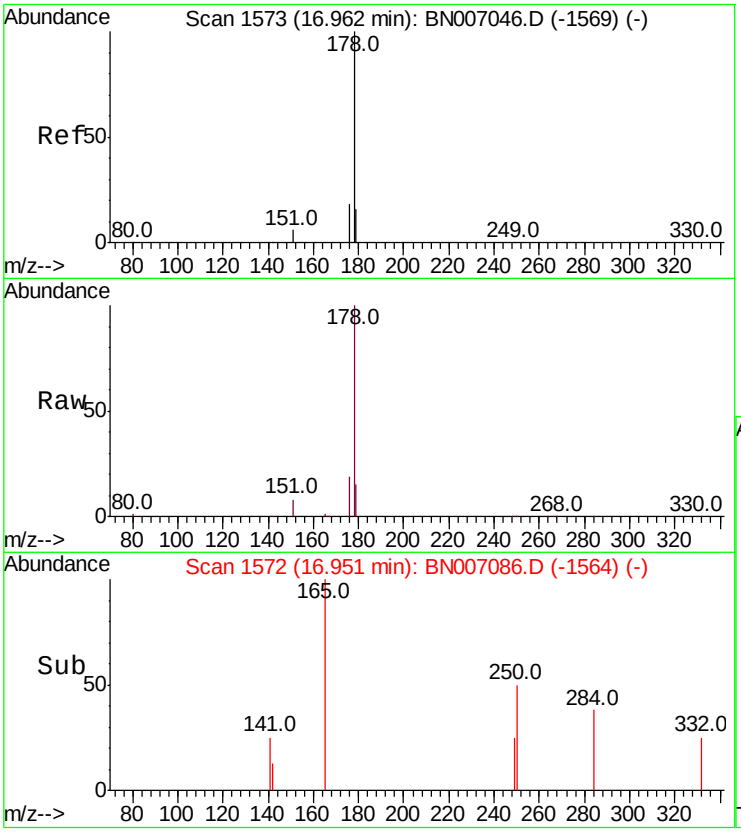


#22
Phenanthrene
Concen: 0.299 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:178 Resp: 42504

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.4	12.3	18.5



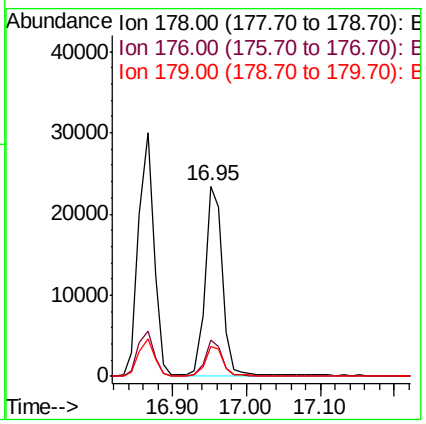


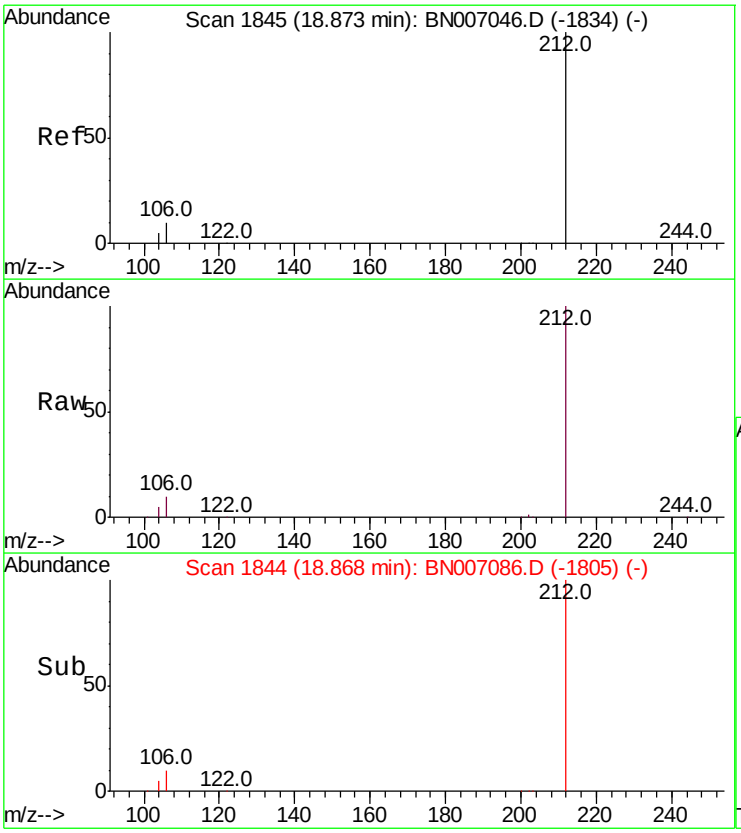
#23
Anthracene
Concen: 0.289 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 37604

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.4	12.5	18.7

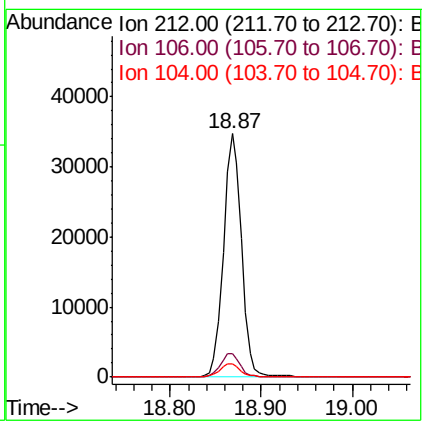


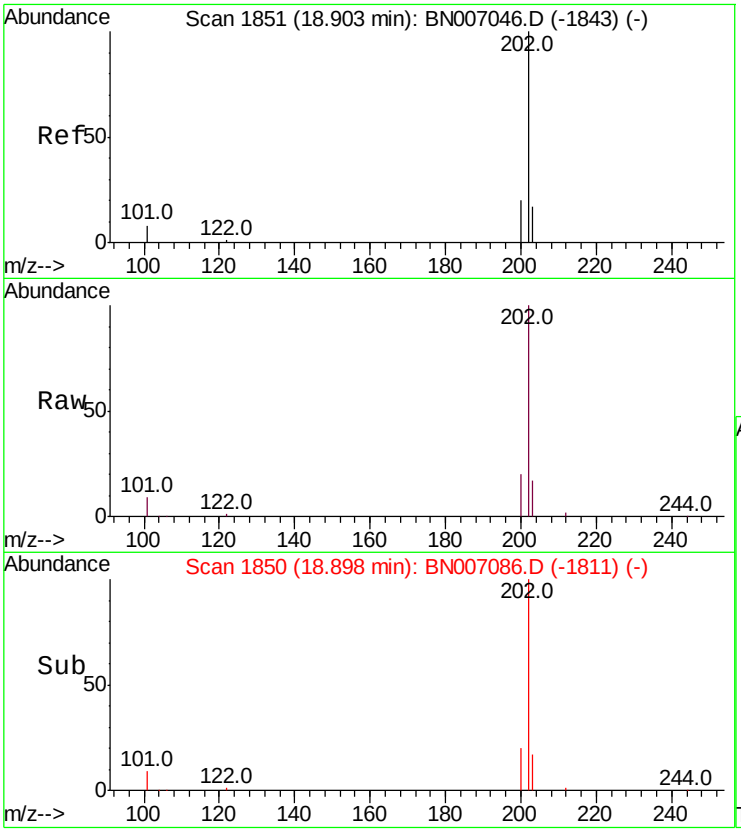


#24
Fluoranthene-d10
Concen: 0.282 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:212 Resp: 47429

Ion	Ratio	Lower	Upper
212	100		
106	10.0	8.2	12.2
104	5.6	4.5	6.7



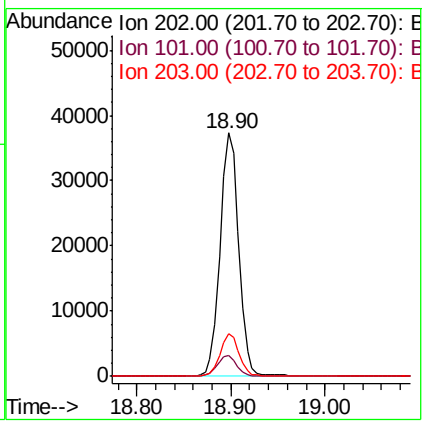


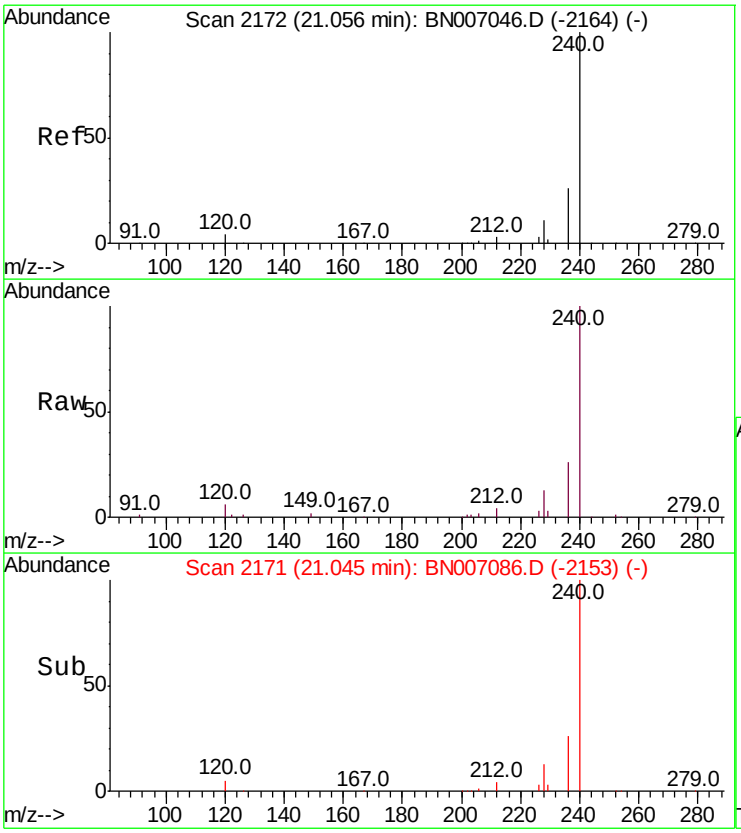
#25
Fluoranthene
Concen: 0.278 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 50581

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.0	10.4
203	17.2	13.8	20.8

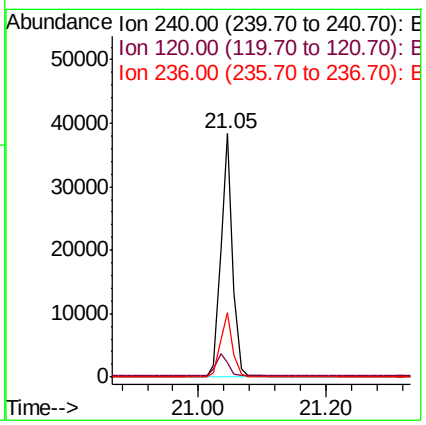


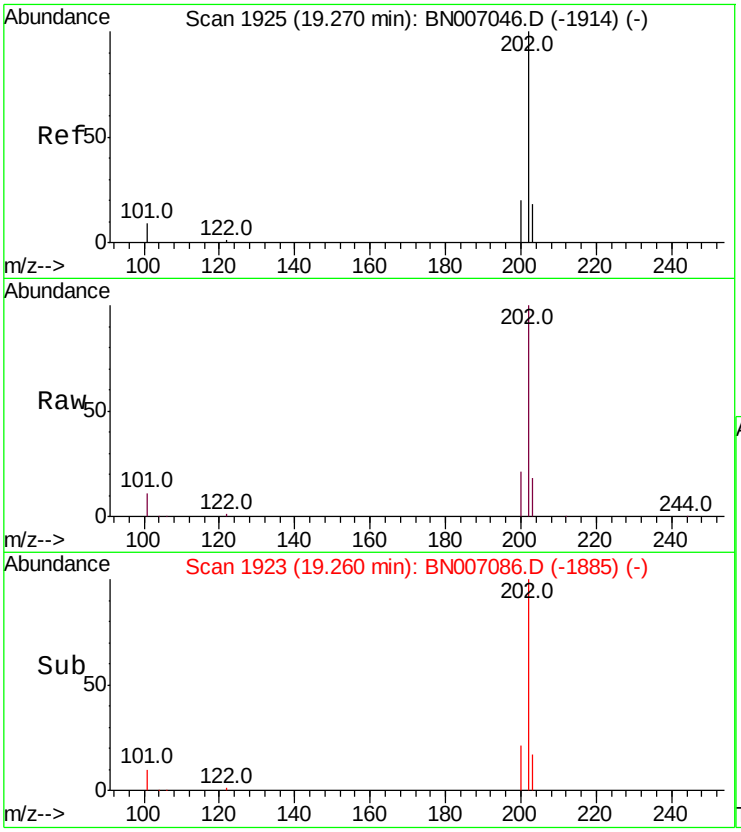


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:240 Resp: 48245

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.0	6.0#
236	26.4	21.3	31.9



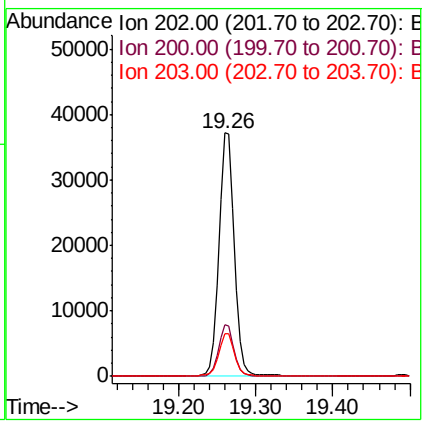


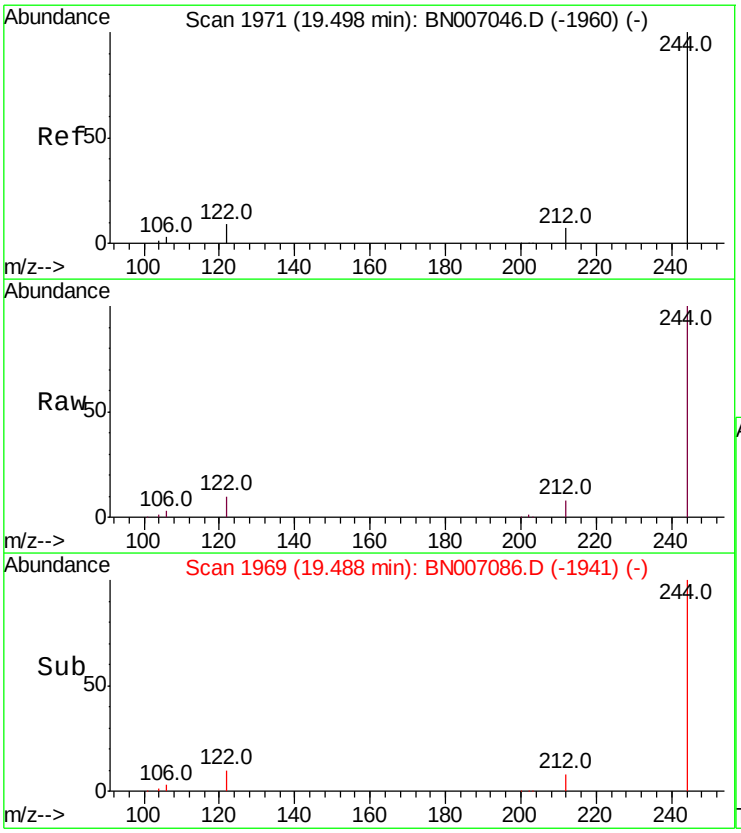
#27
Pyrene
Concen: 0.300 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 50756

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.8	14.0	21.0

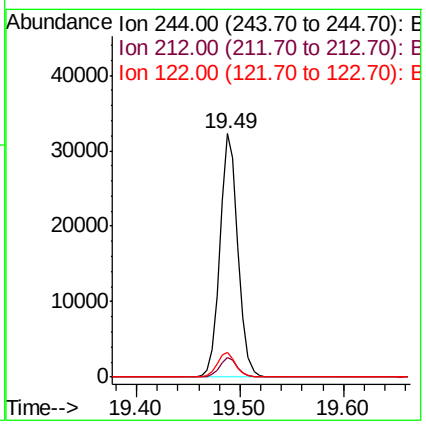


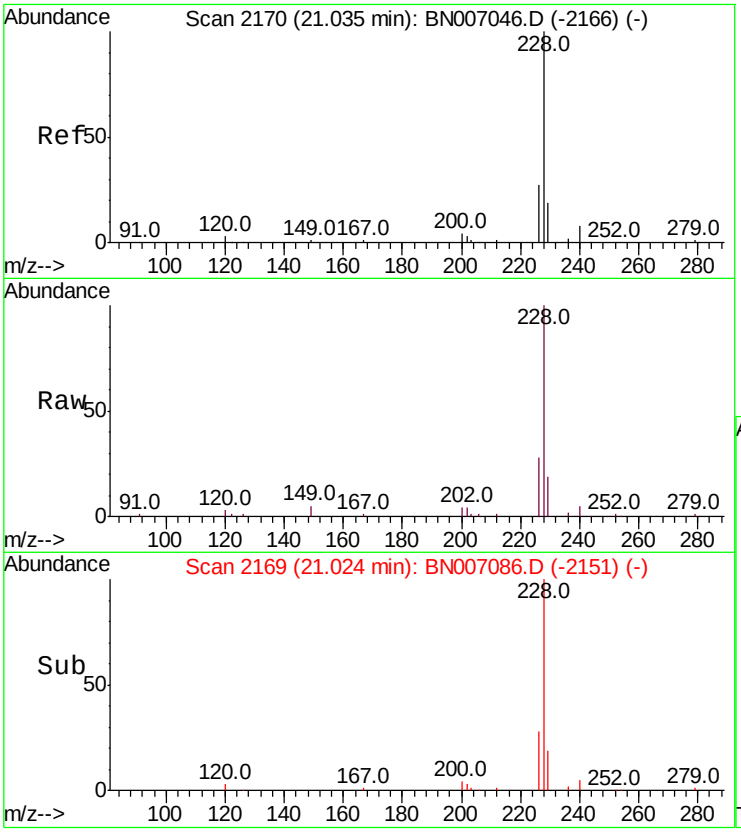


#28
Terphenyl-d14
Concen: 0.292 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:244 Resp: 38337

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	10.1	7.4	11.2



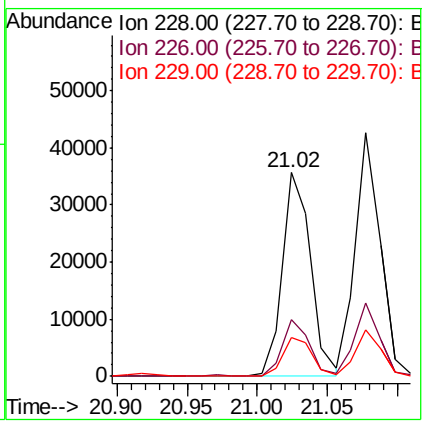


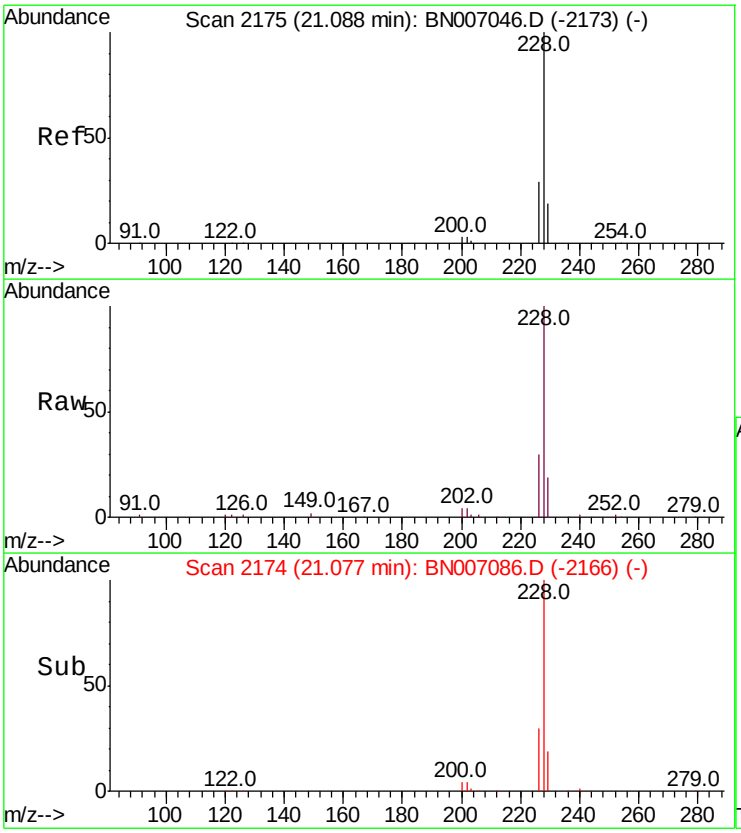
#29
Benzo(a)anthracene
Concen: 0.284 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 50066

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.6
229	18.9	15.6	23.4

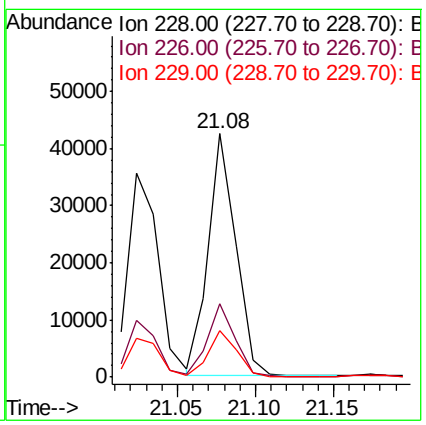


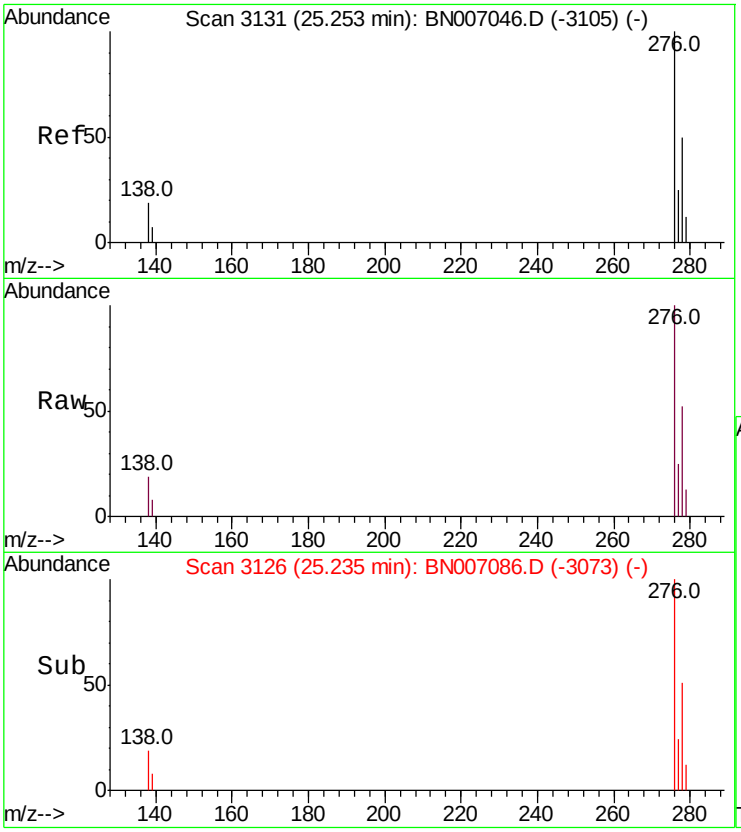


#30
Chrysene
Concen: 0.305 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:228 Resp: 52312

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.6
229	19.0	15.7	23.5



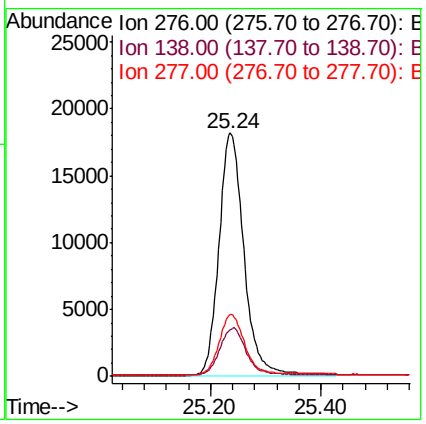


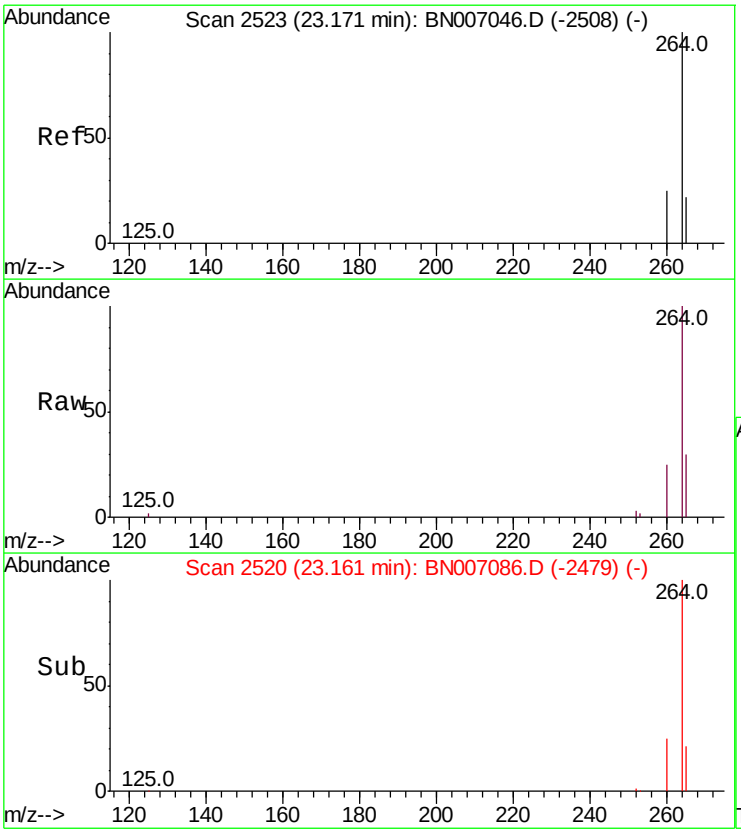
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.301 ng
RT: 25.24 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 56941

Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.0	24.0
277	24.7	19.9	29.9

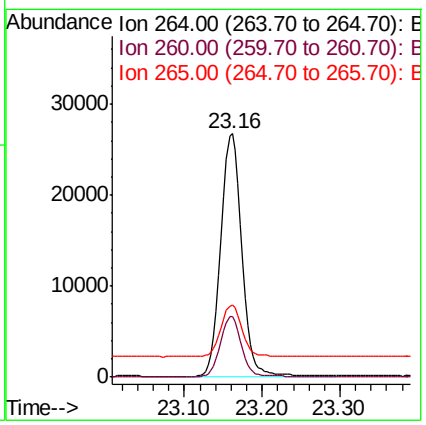


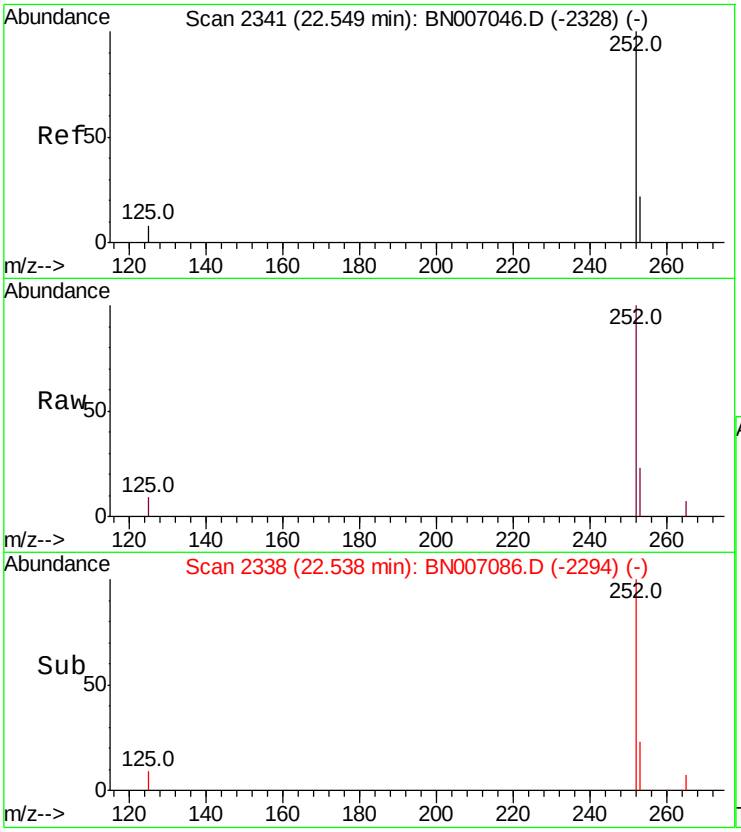


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:264 Resp: 49813

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	29.7	26.2	39.4



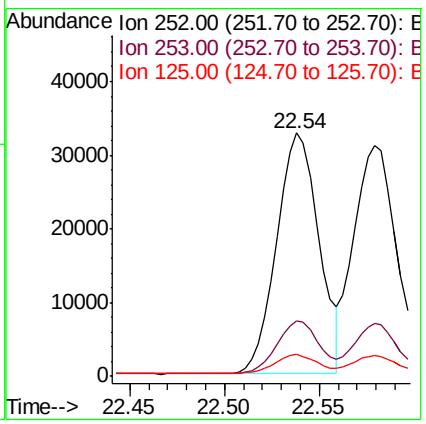


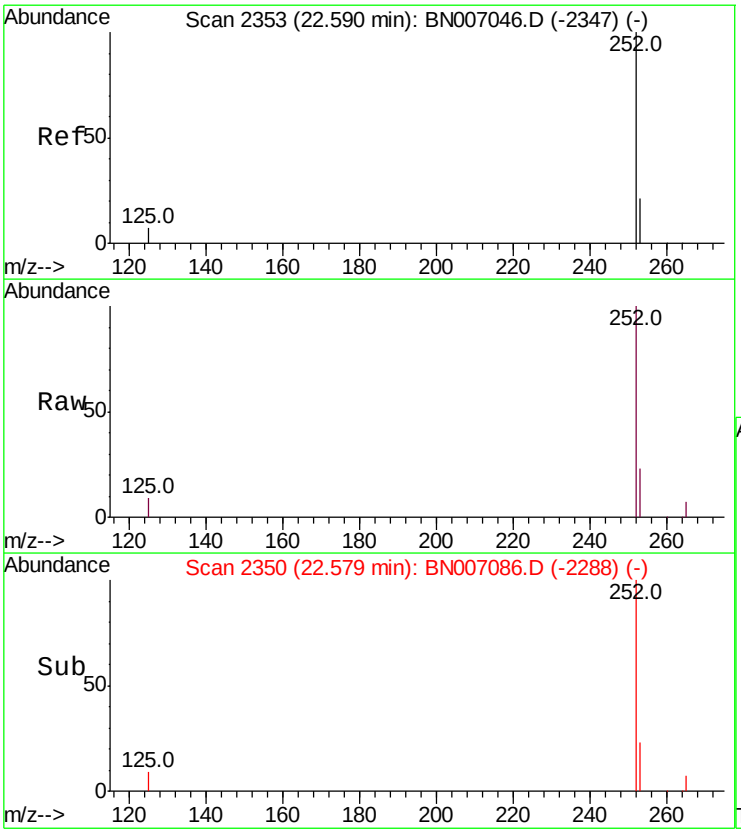
#33
Benzo(b)fluoranthene
Concen: 0.295 ng
RT: 22.54 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 50446

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	8.9	7.4	11.0

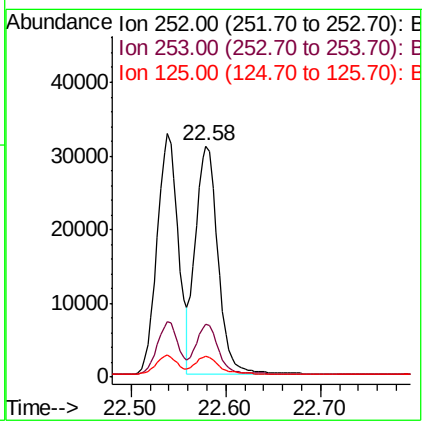


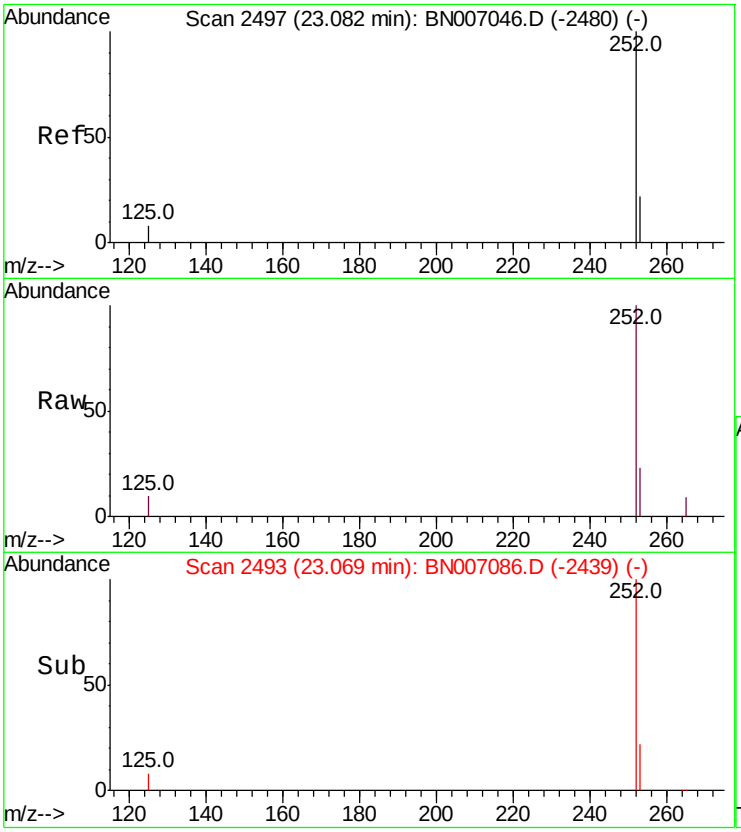


#34
Benzo(k)fluoranthene
Concen: 0.301 ng
RT: 22.58 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:252 Resp: 50795

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	8.9	7.4	11.0



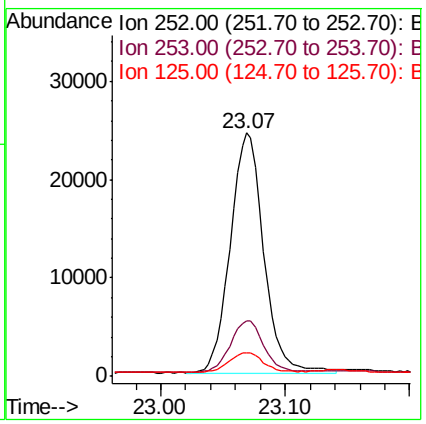


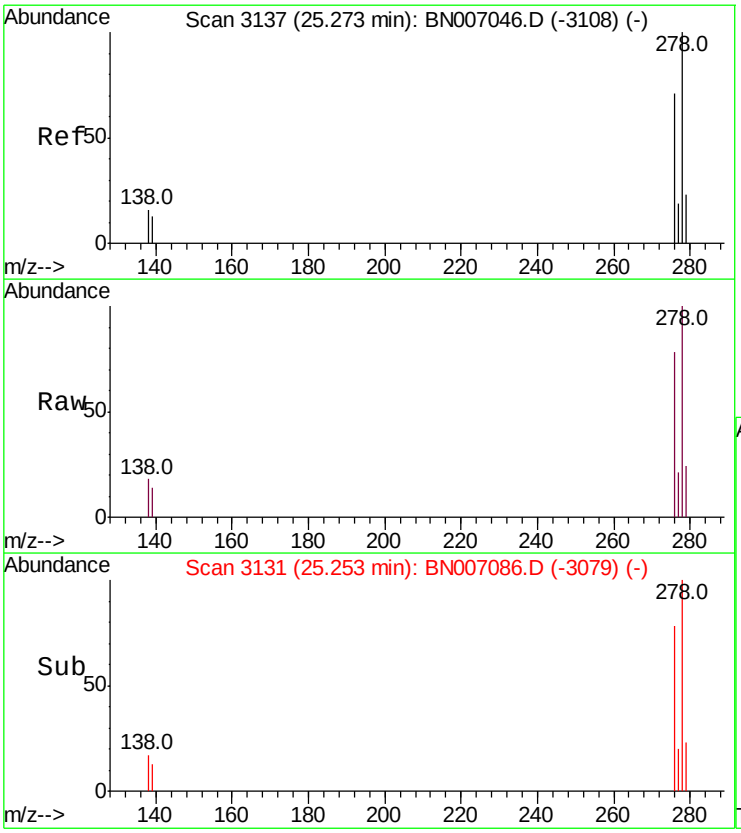
#35
Benzo(a)pyrene
Concen: 0.293 ng
RT: 23.07 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 45374

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	9.9	8.2	12.4

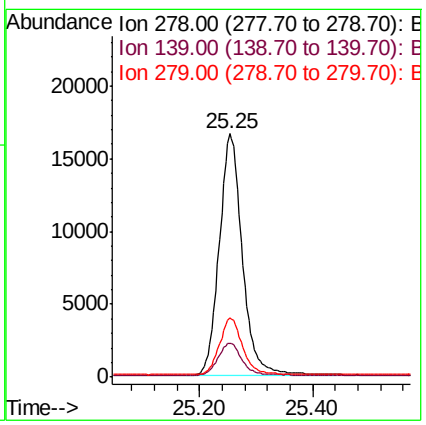


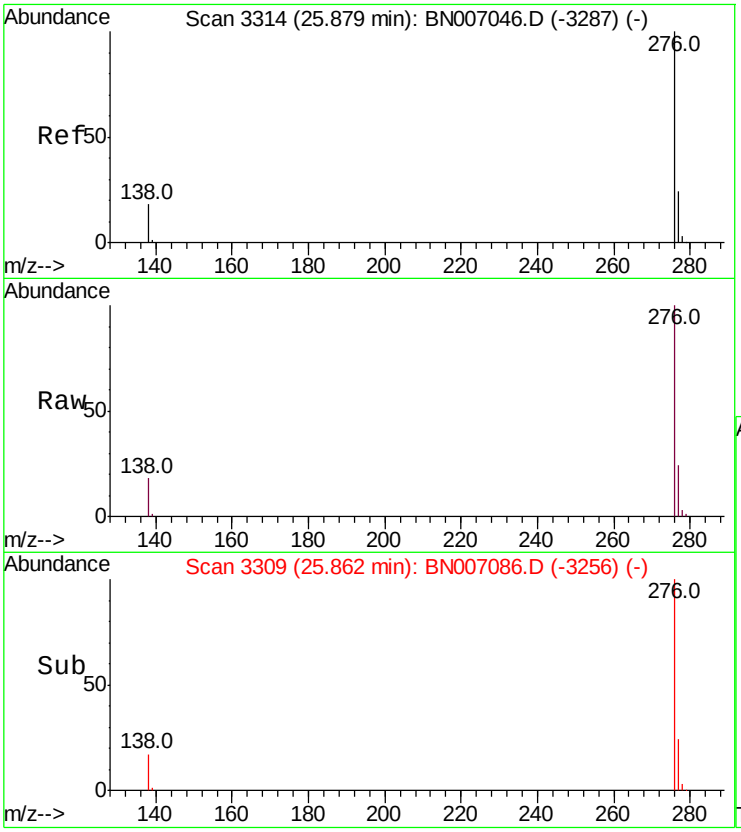


#36
Dibenzo(a,h)anthracene
Concen: 0.307 ng
RT: 25.25 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:278 Resp: 47438

Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.3	16.9
279	24.1	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 0.308 ng
RT: 25.86 min Scan# 3309
Delta R.T. -0.02 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 48932

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	18.0	14.6	22.0