Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081419\
Data File : BN007168.D
Acq On : 14 Aug 2019 18:04
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 15 11:02:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	5906	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	22011	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	13240	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	33762	0.40	ng		0.00
26) Chrysene-d12	21.05	240	34600	0.40	ng		-0.01
32) Perylene-d12	23.16	264	39106	0.40	ng		-0.01
System Monitoring Compounds							
3) 2-Fluorophenol	5.05	112	6290	0.44	ng		0.00
4) Phenol-d6	6.61	99	7617	0.43	ng		0.00
7) Nitrobenzene-d5	8.55	82	7832	0.44	ng		-0.01
10) 2-Methylnaphthalene-d10	11.79	152	16102	0.39	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	3126	0.44	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	2616	0.14	ng		0.00
24) Fluoranthene-d10	18.87	212	50697	0.42	ng		0.00
28) Terphenyl-d14	19.49	244	44066	0.47	ng		-0.01
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.34	42	1588	0.409	ng	#	97
5) bis(2-Chloroethyl)ether	6.86	93	6367	0.410	ng		99
8) Naphthalene	10.24	128	23973	0.388	ng		99
9) Hexachlorobutadiene	10.54	225	5389	0.410	ng	#	98
11) 2-Methylnaphthalene	11.86	142	17322	0.396	ng		97
15) Acenaphthylene	13.79	152	29550	0.427	ng		99
16) Acenaphthene	14.13	154	18076	0.408	ng		99
17) Fluorene	15.12	166	25156	0.379	ng		99
19) 4-Bromophenyl-phenylether	16.03	248	9136	0.438	ng	#	92
20) Hexachlorobenzene	16.14	284	8700	0.433	ng		99
21) Pentachlorophenol	16.48	266	3498	0.467	ng		97
22) Phenanthrene	16.87	178	43694	0.432	ng		100
23) Anthracene	16.95	178	41069	0.444	ng		99
25) Fluoranthene	18.90	202	55425	0.428	ng		100
27) Pyrene	19.26	202	57012	0.470	ng		100
29) Benzo(a)anthracene	21.02	228	57290	0.453	ng		99
30) Chrysene	21.08	228	54404	0.443	ng		99
31) Indeno(1,2,3-cd)pyrene	25.24	276	66923	0.494	ng		98
33) Benzo(b)fluoranthene	22.53	252	58797	0.438	ng		97
34) Benzo(k)fluoranthene	22.53	252	58797	0.444	ng		97
35) Benzo(a)pyrene	23.07	252	53971	0.444	ng	#	97
36) Dibenzo(a,h)anthracene	25.25	278	54442	0.449	ng	#	96
37) Benzo(g,h,i)perylene	25.86	276	54427	0.436	ng		98

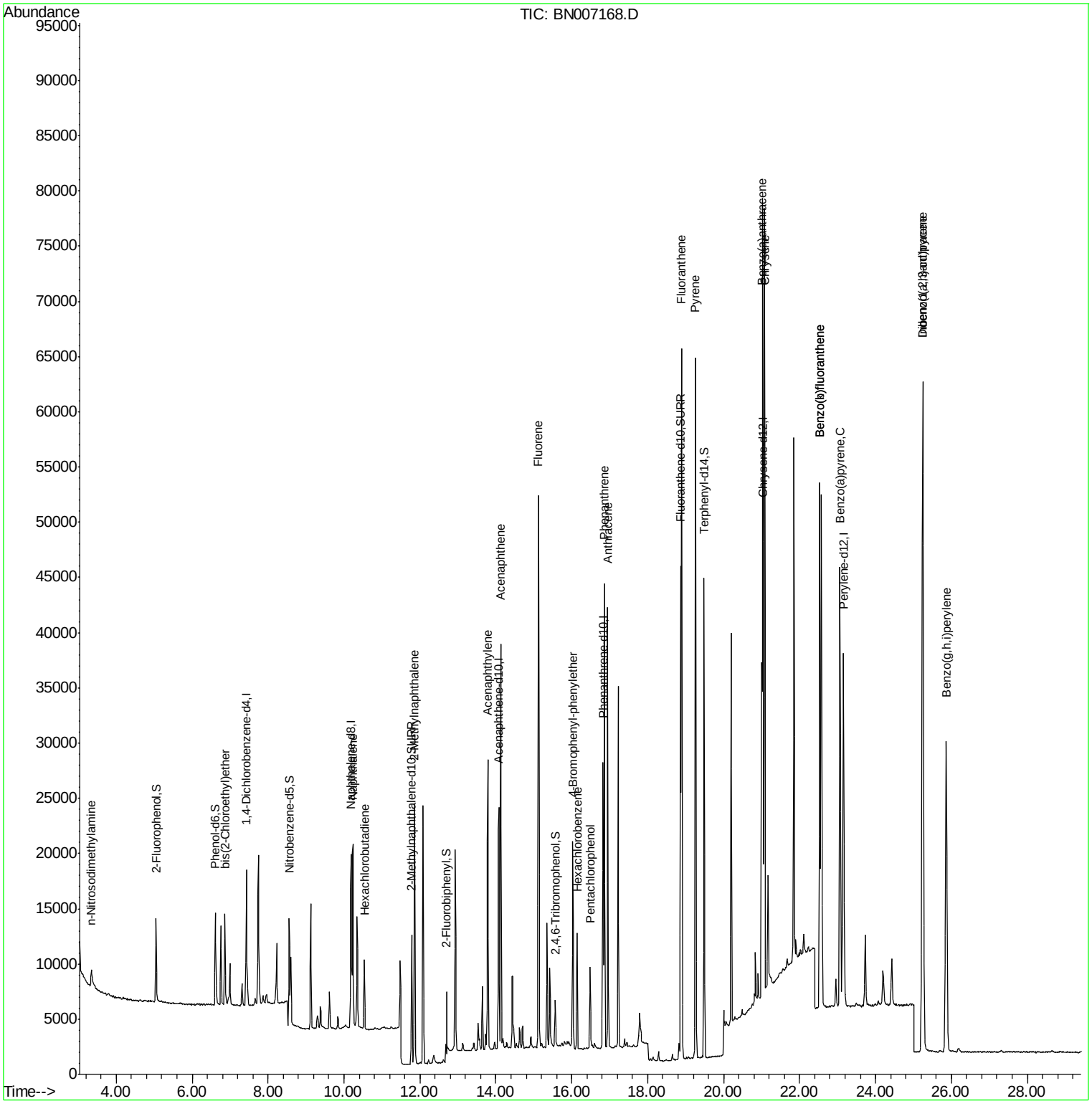
(#) = qualifier out of range (m) = manual integration (+) = signals summed

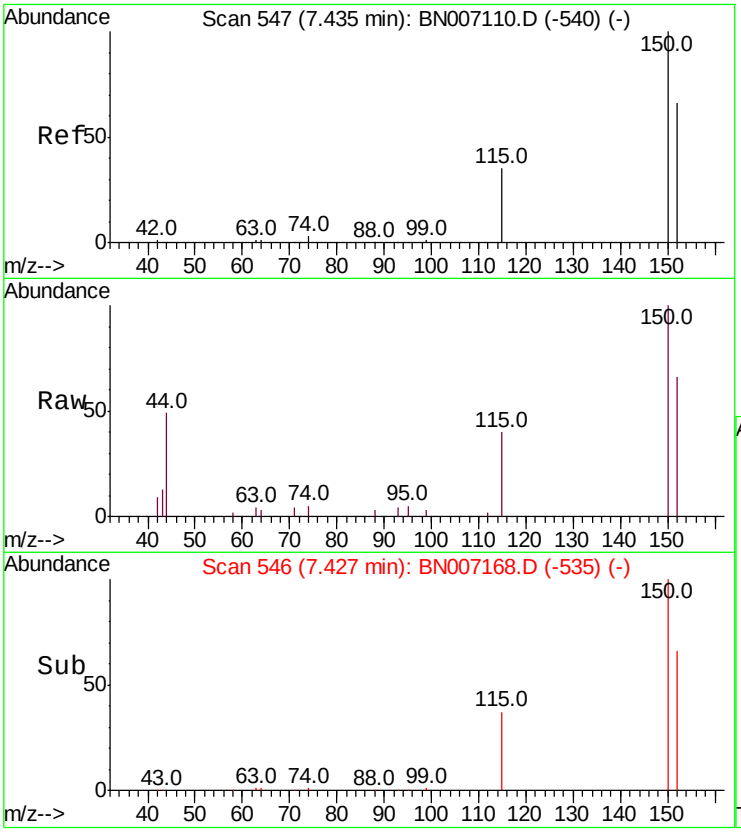
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081419\
Data File : BN007168.D
Acq On : 14 Aug 2019 18:04
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 15 11:02:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration



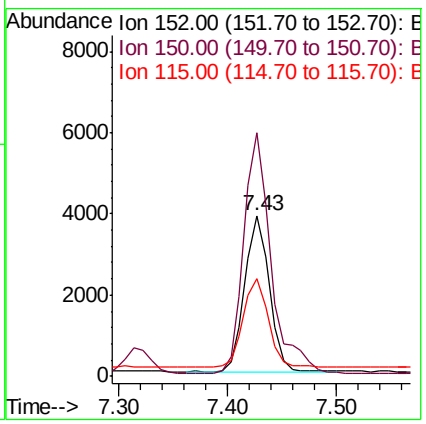


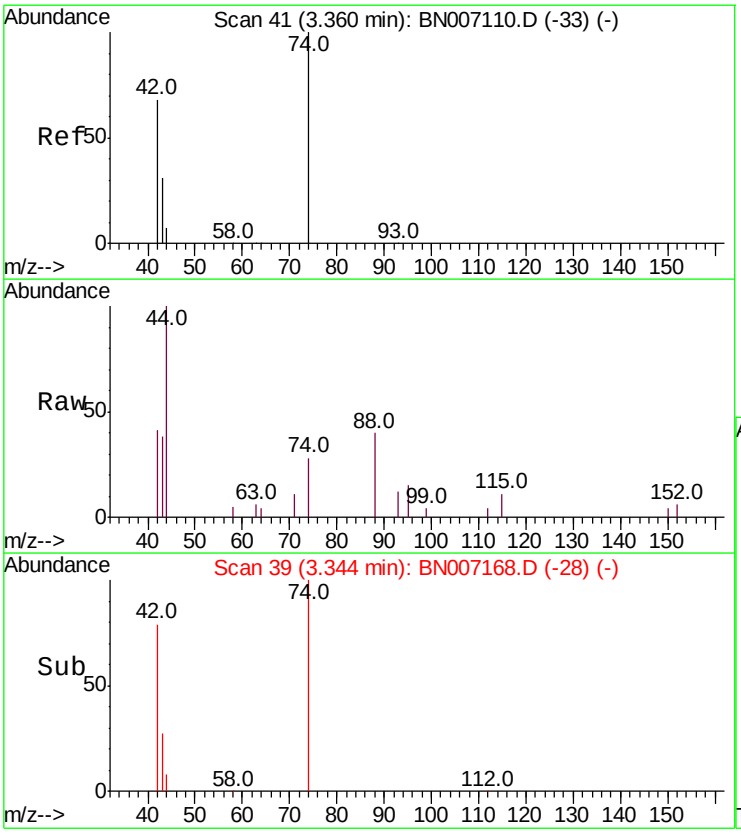
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5906

Ion	Ratio	Lower	Upper
152	100		
150	151.4	121.7	182.5
115	60.4	46.2	69.4

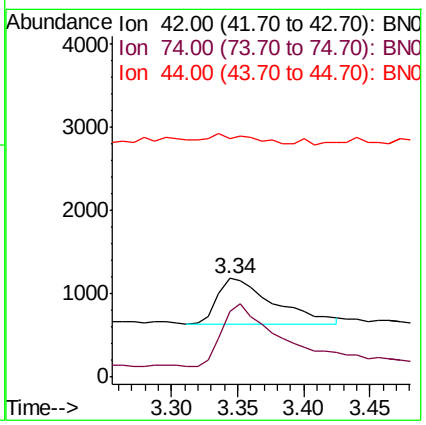


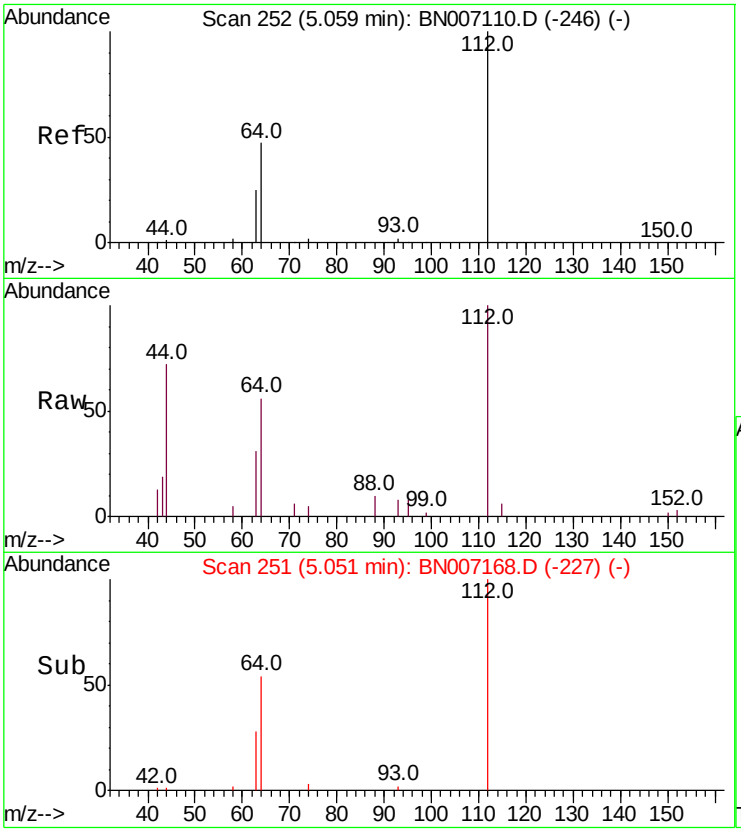


#2
n-Nitrosodimethylamine
Concen: 0.409 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.02 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion: 42 Resp: 1588

Ion	Ratio	Lower	Upper
42	100		
74	141.7	110.6	166.0
44	17.7	0.0	0.0#



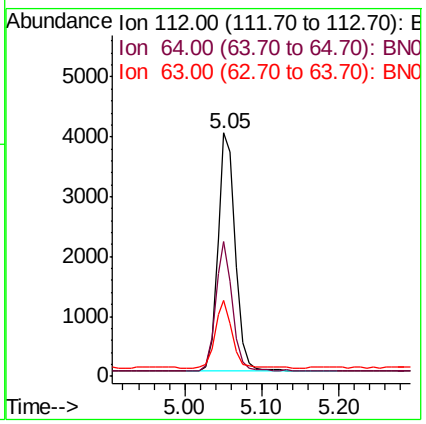


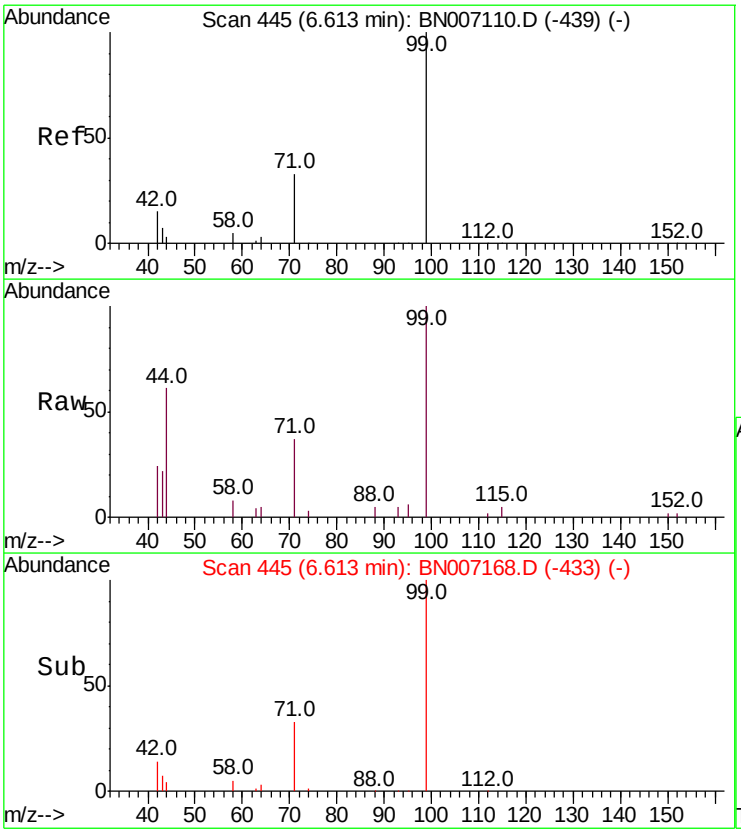
#3
2-Fluorophenol
Concen: 0.443 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 6290

Ion	Ratio	Lower	Upper
112	100		
64	51.3	42.6	63.8
63	27.9	22.2	33.2

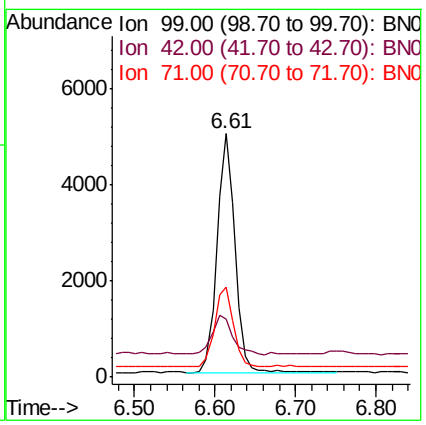


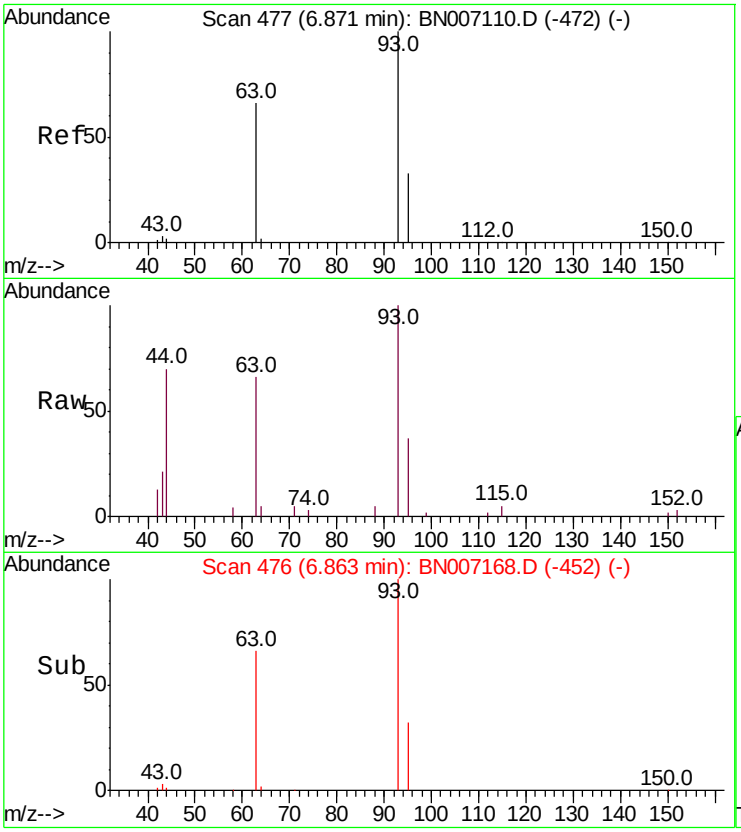


#4
Phenol-d6
Concen: 0.433 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion: 99 Resp: 7617

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.6
71	34.8	27.0	40.4



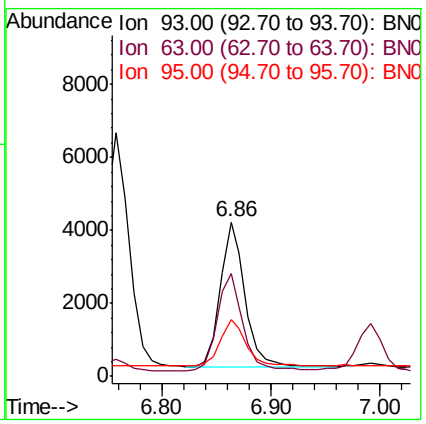


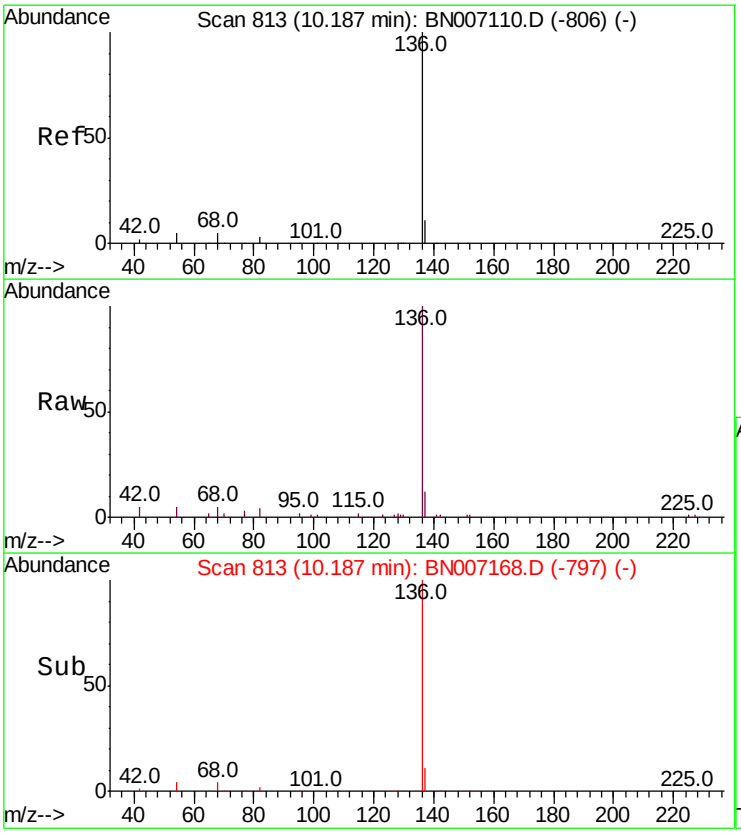
#5
bis(2-Chloroethyl)ether
Concen: 0.410 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 6367

Ion	Ratio	Lower	Upper
93	100		
63	68.7	55.6	83.4
95	32.7	26.7	40.1

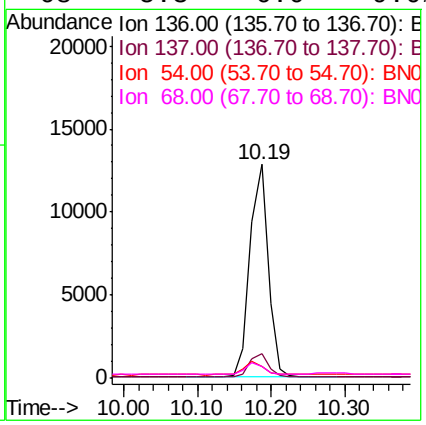


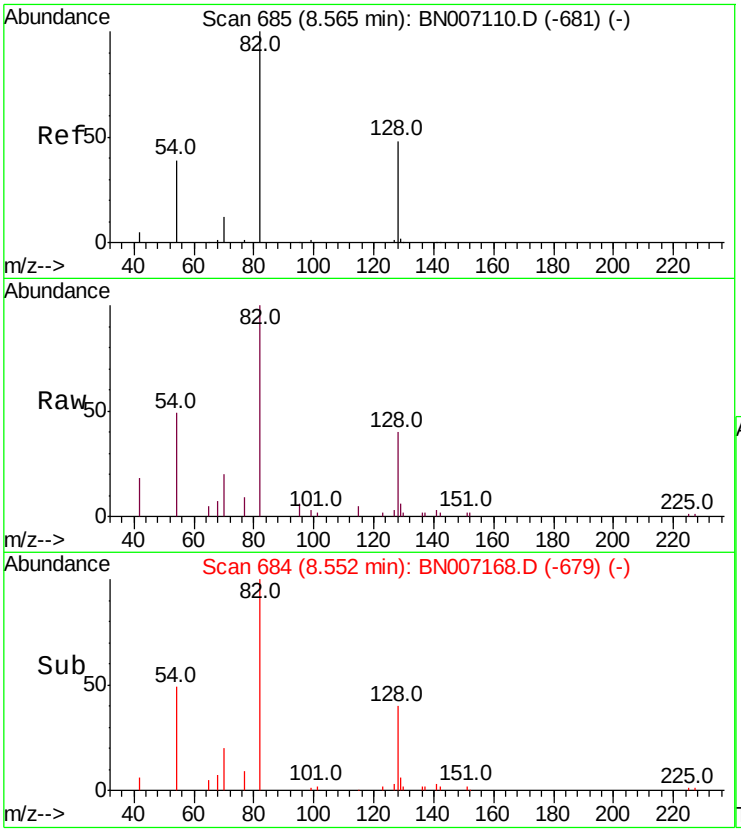


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion:136 Resp: 22011

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	5.5	6.6	9.8#
68	5.3	6.0	9.0#



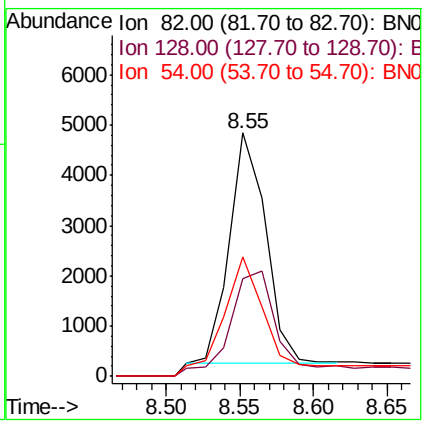


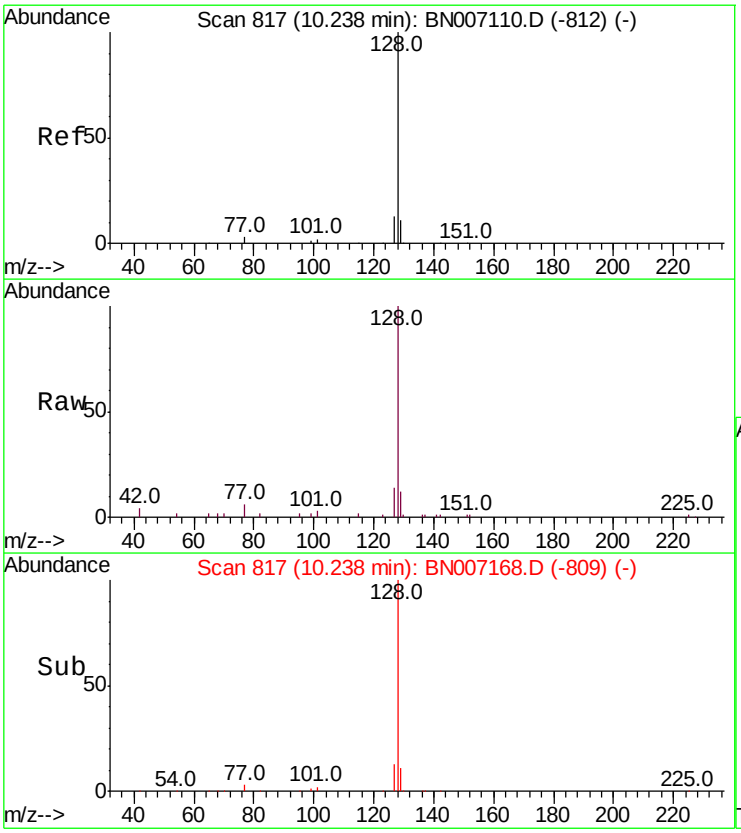
#7
Nitrobenzene-d5
Concen: 0.441 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 7832

Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.6	51.8
54	48.8	36.2	54.4

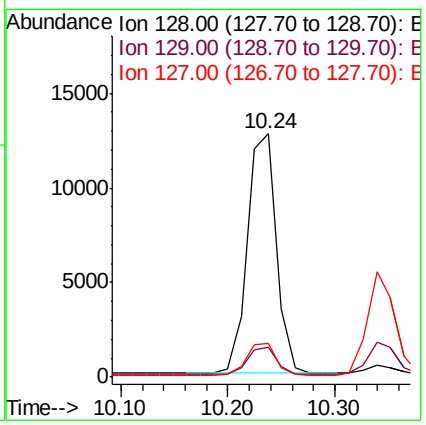


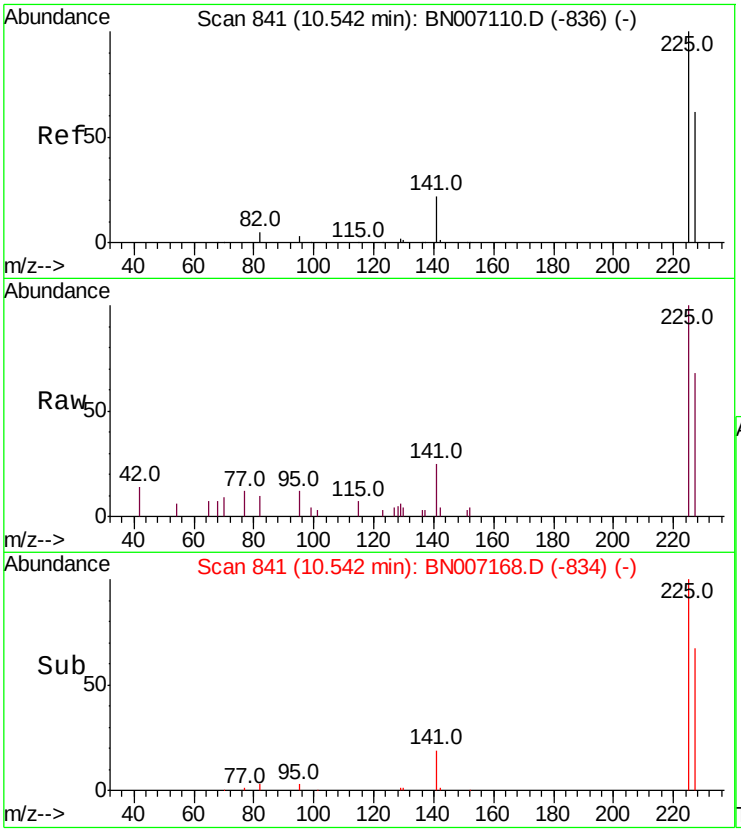


#8
Naphthalene
Concen: 0.388 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion:128 Resp: 23973

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.2
127	13.6	11.0	16.6



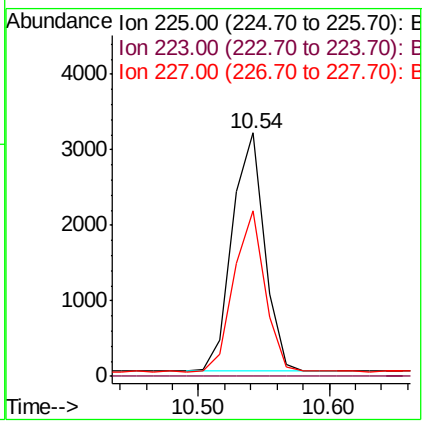


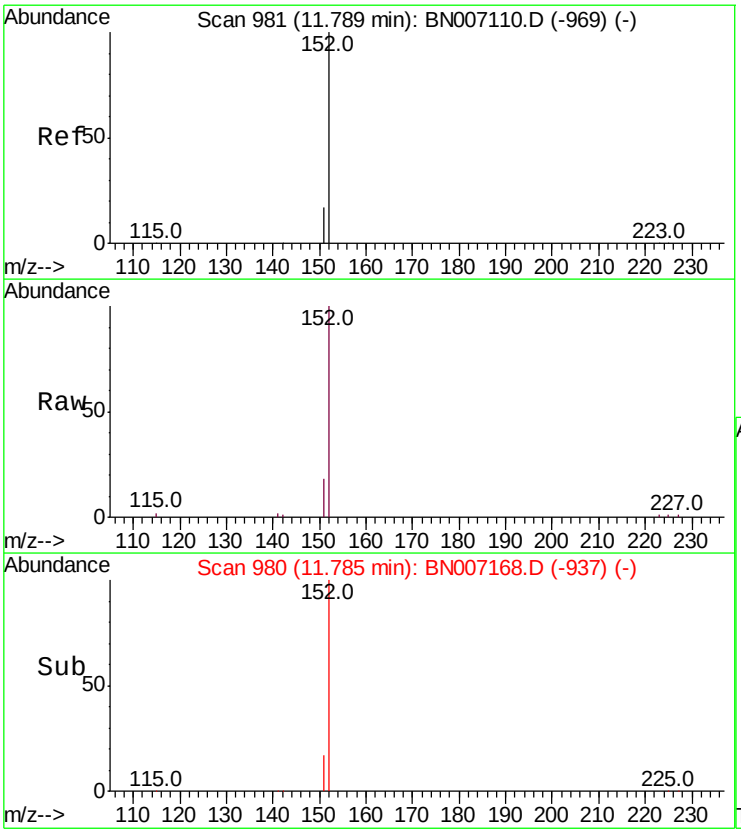
#9
Hexachlorobutadiene
Concen: 0.410 ng
RT: 10.54 min Scan# 841
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:225 Resp: 5389

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.3	51.1	76.7

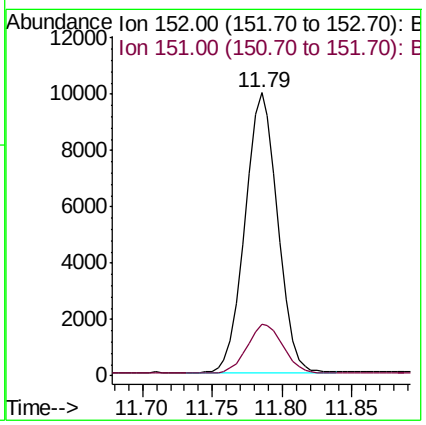


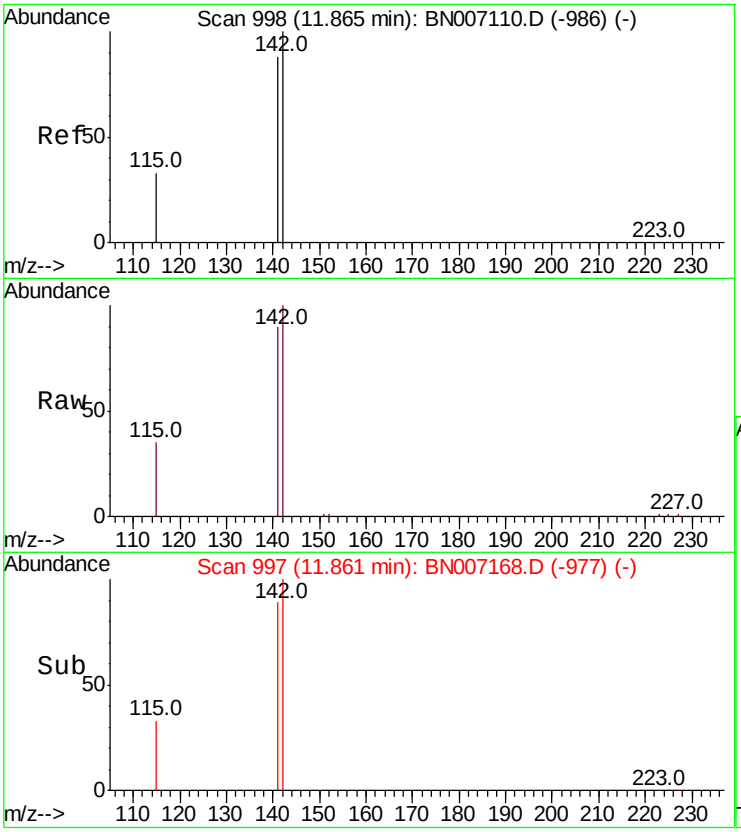


#10
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 11.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion:152 Resp: 16102

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3



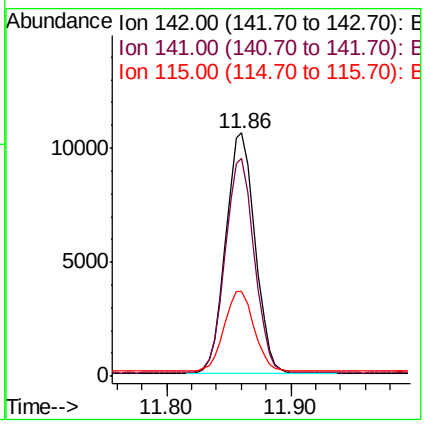


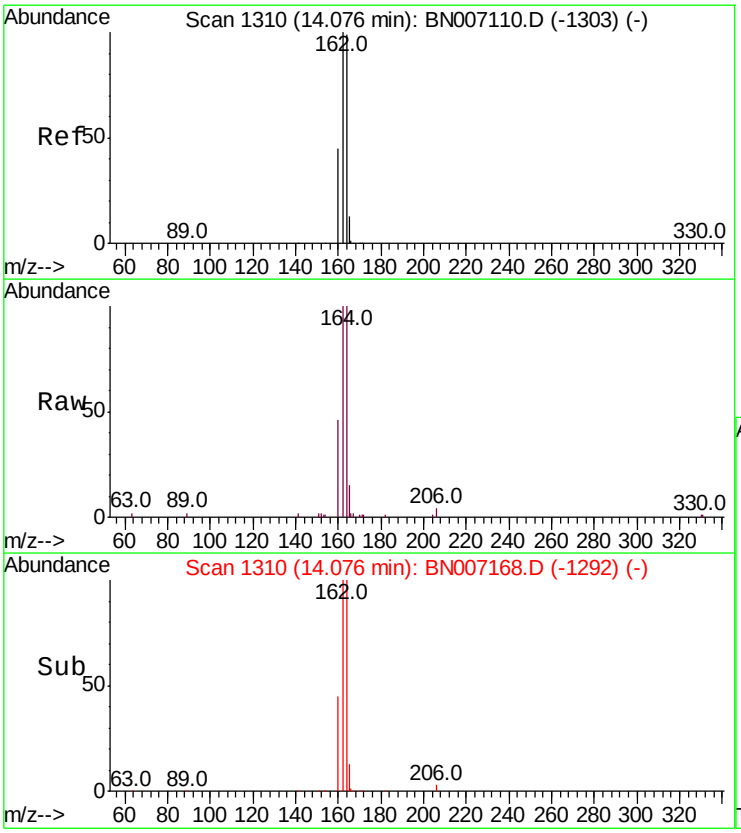
#11
2-Methylnaphthalene
Concen: 0.396 ng
RT: 11.86 min Scan# 997
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 17322

Ion	Ratio	Lower	Upper
142	100		
141	89.6	69.0	103.6
115	35.1	27.1	40.7

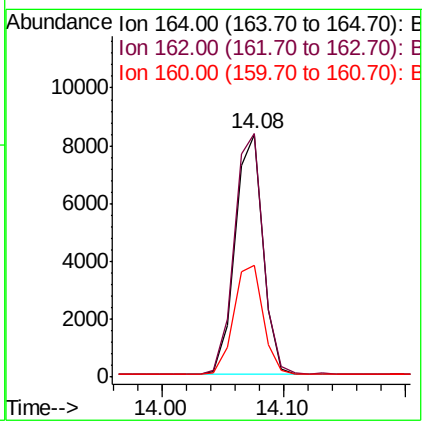


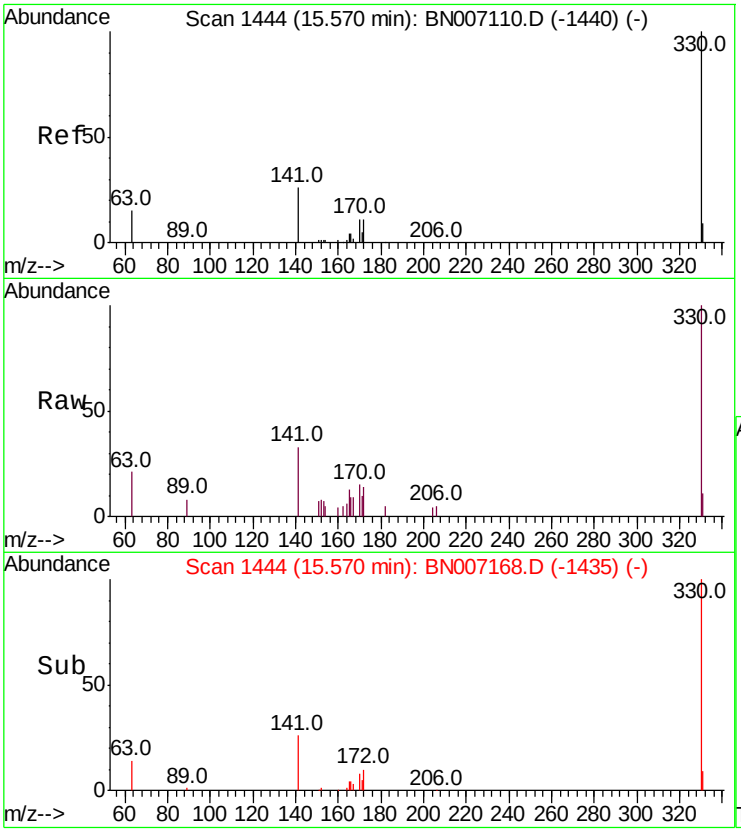


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion:164 Resp: 13240

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.2	123.4
160	45.8	38.3	57.5



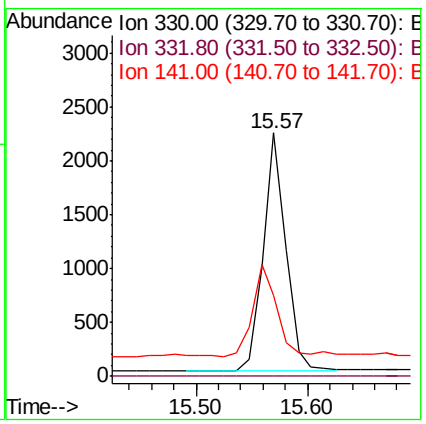


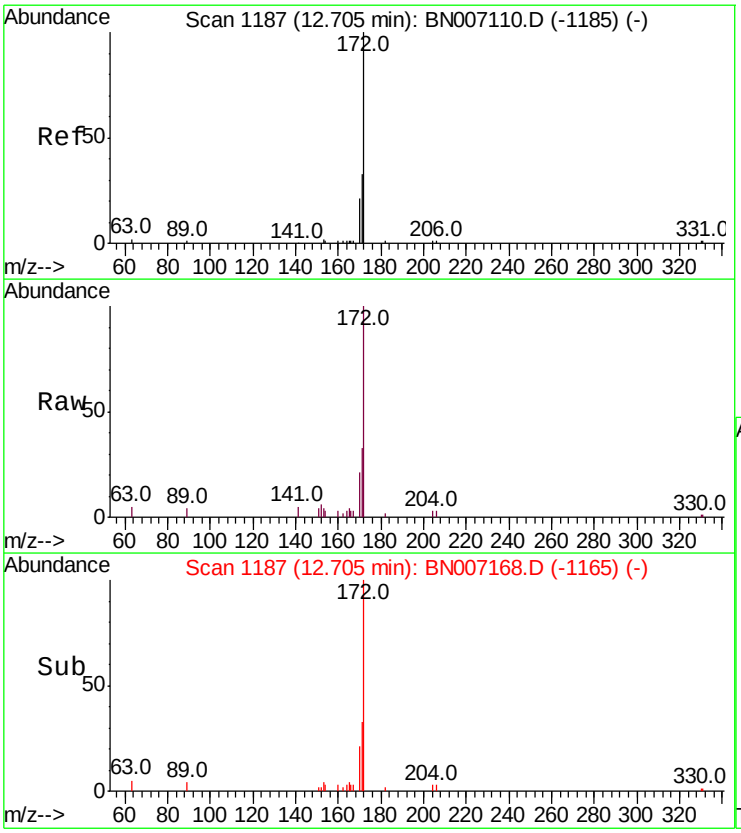
#13
2,4,6-Tribromophenol
Concen: 0.438 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 3126

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.0	33.6	50.4

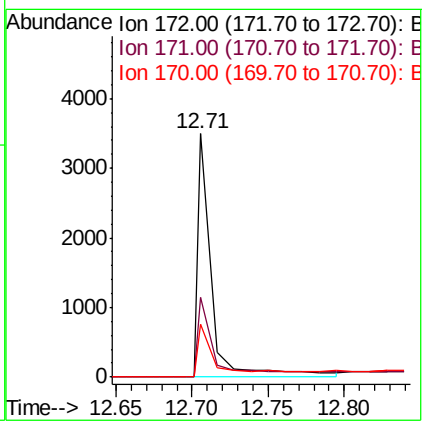


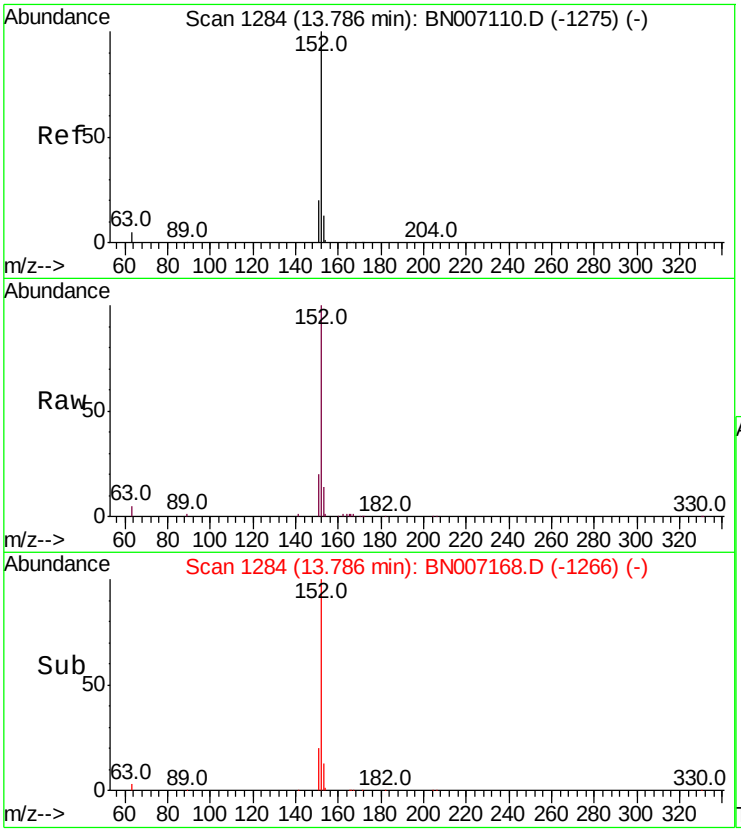


#14
2-Fluorobiphenyl
Concen: 0.136 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion:172 Resp: 2616

Ion	Ratio	Lower	Upper
172	100		
171	32.6	26.3	39.5
170	21.5	17.0	25.4



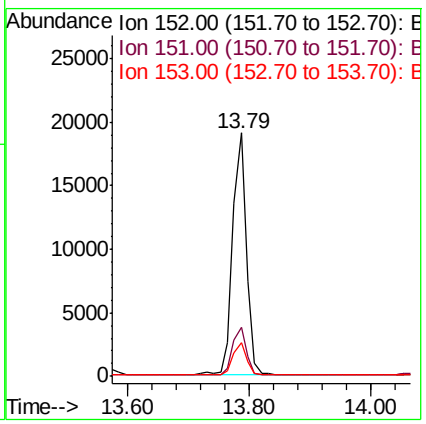


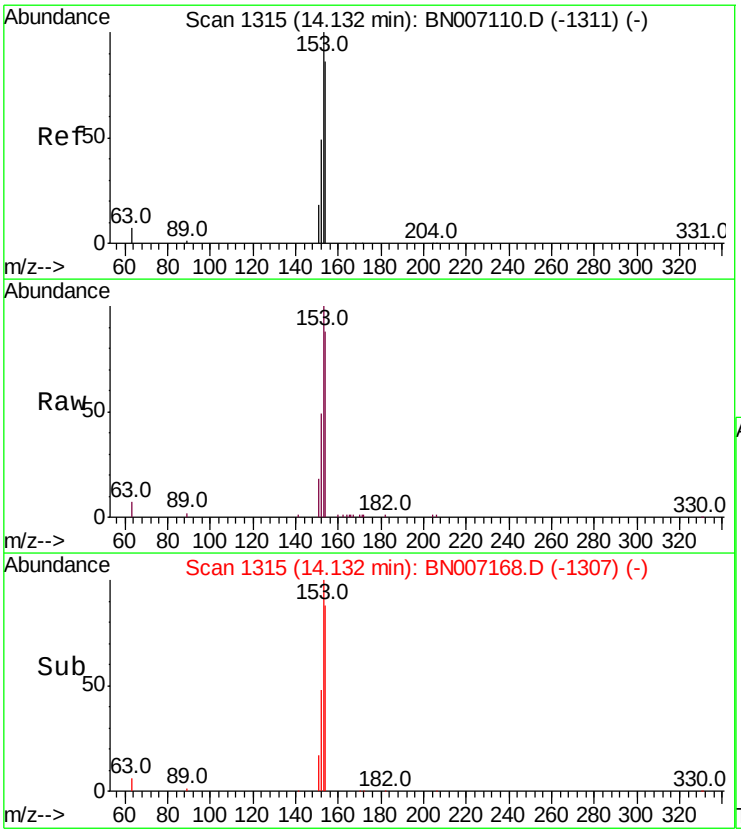
#15
Acenaphthylene
Concen: 0.427 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 29550

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	13.2	10.4	15.6

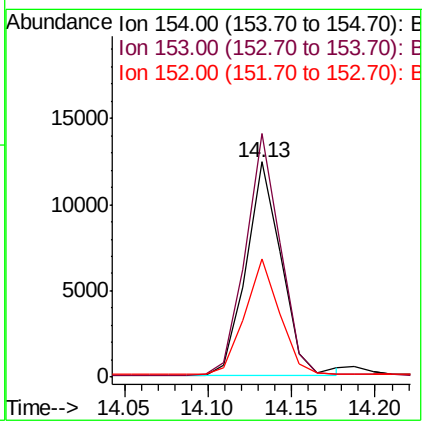


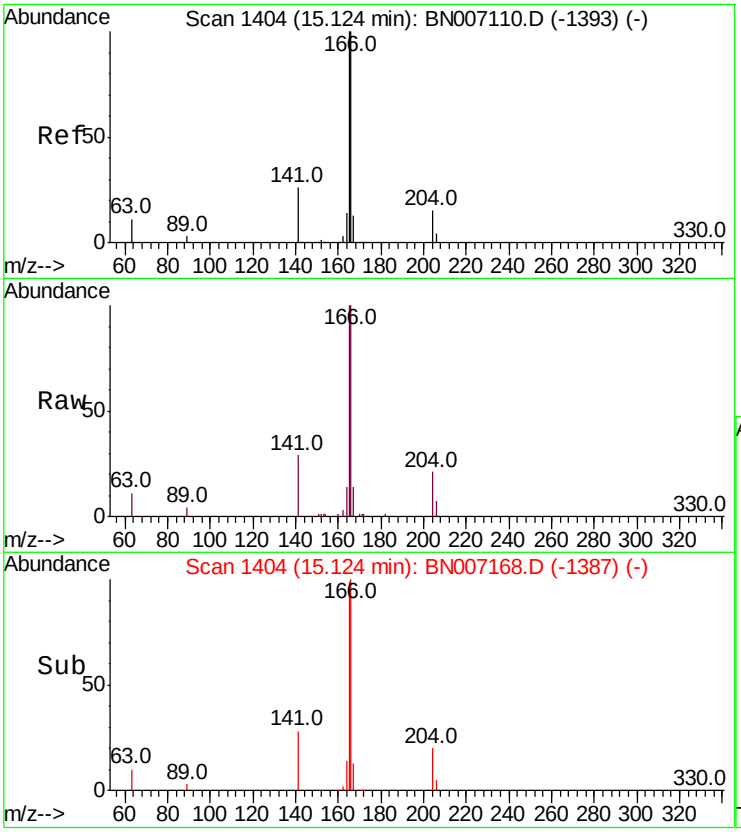


#16
Acenaphthene
Concen: 0.408 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion:154 Resp: 18076

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.5	134.3
152	54.5	44.8	67.2



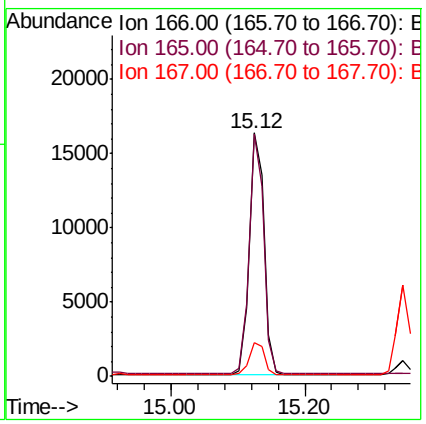


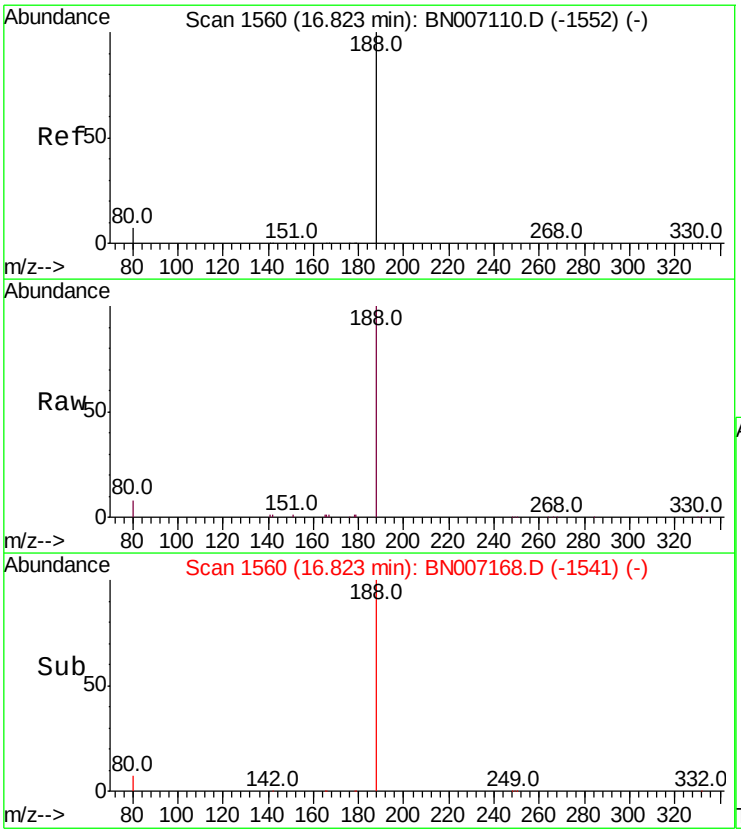
#17
Fluorene
Concen: 0.379 ng
RT: 15.12 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 25156

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.9	116.9
167	13.4	10.9	16.3

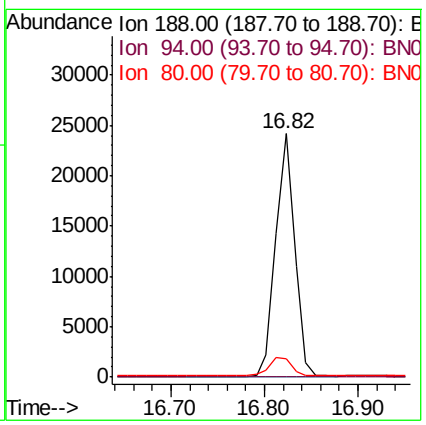


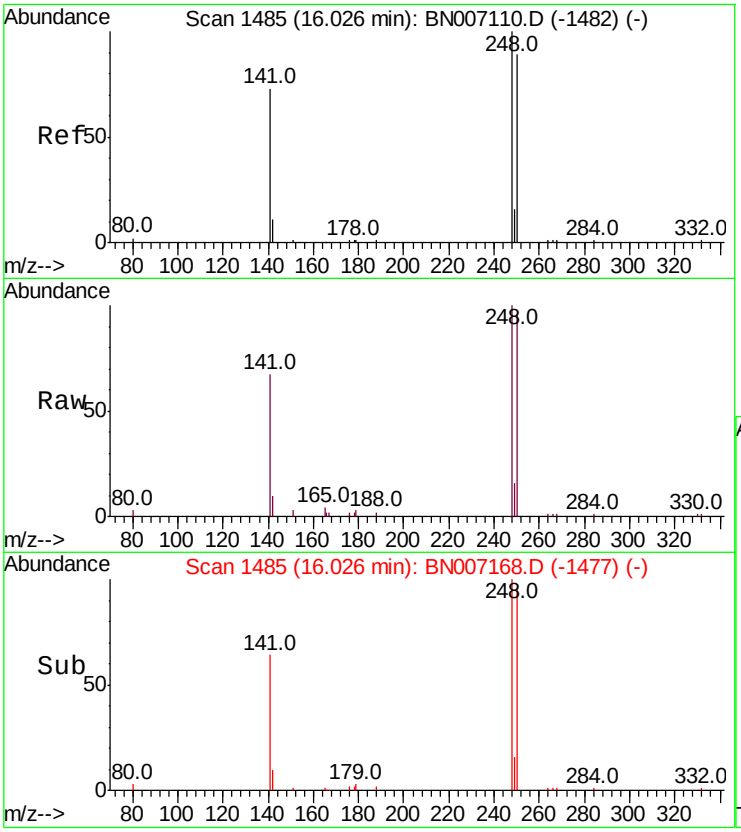


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion:188 Resp: 33762

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	7.8	11.6#



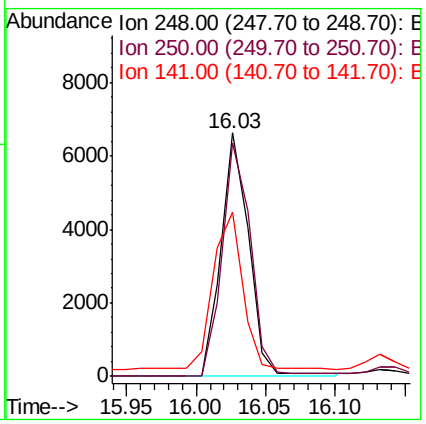


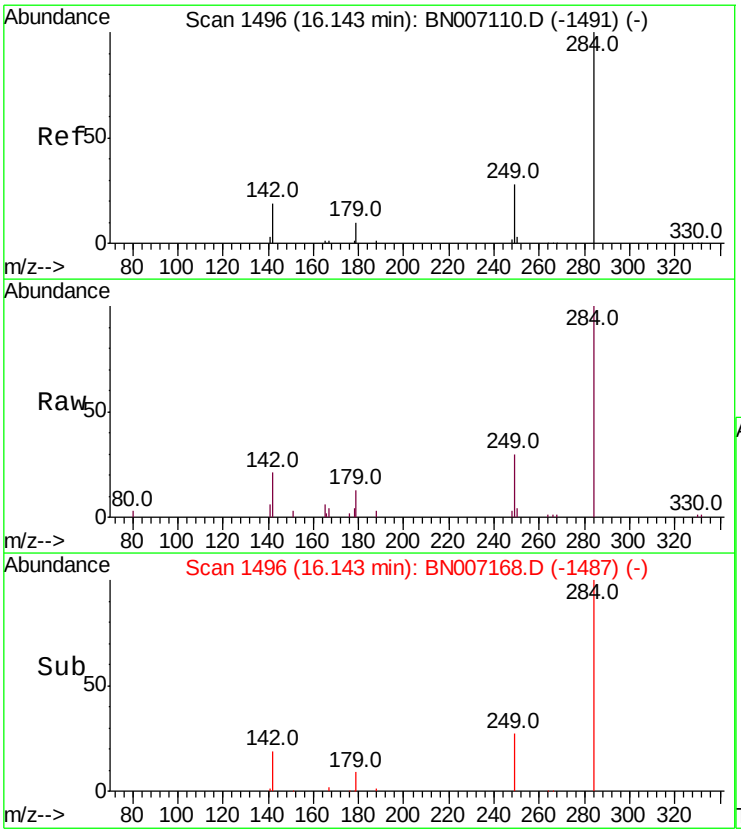
#19
4-Bromophenyl-phenylether
Concen: 0.438 ng
RT: 16.03 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 9136

Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.9	118.3
141	67.4	43.3	64.9#

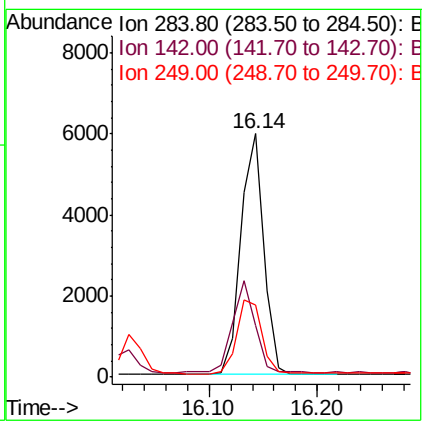


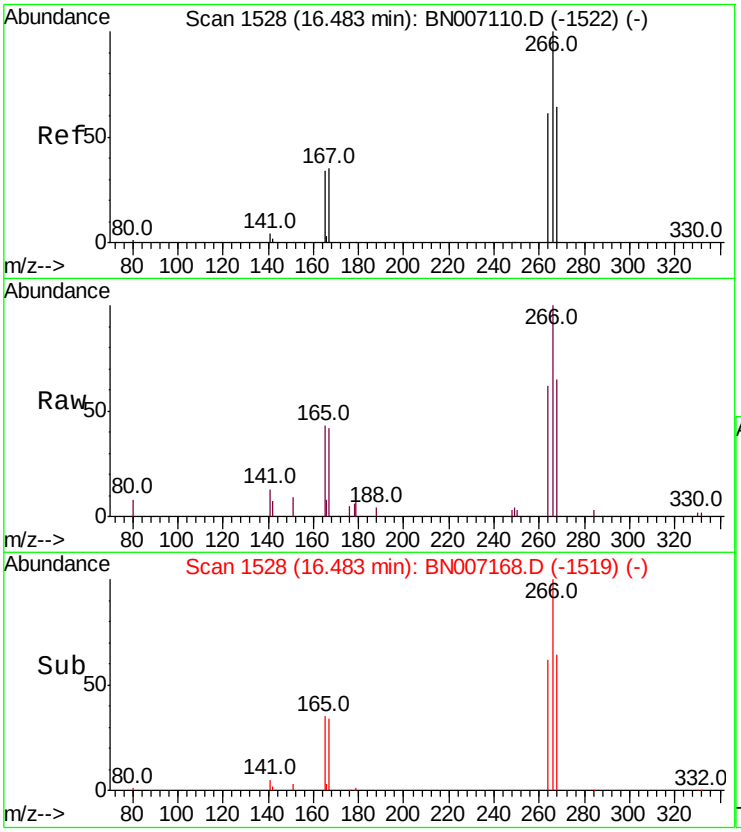


#20
Hexachlorobenzene
Concen: 0.433 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion:284 Resp: 8700

Ion	Ratio	Lower	Upper
284	100		
142	36.7	30.5	45.7
249	33.4	26.7	40.1



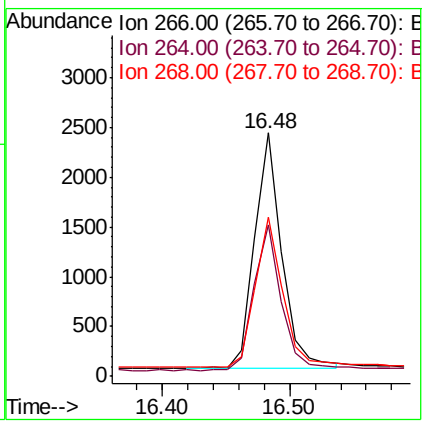


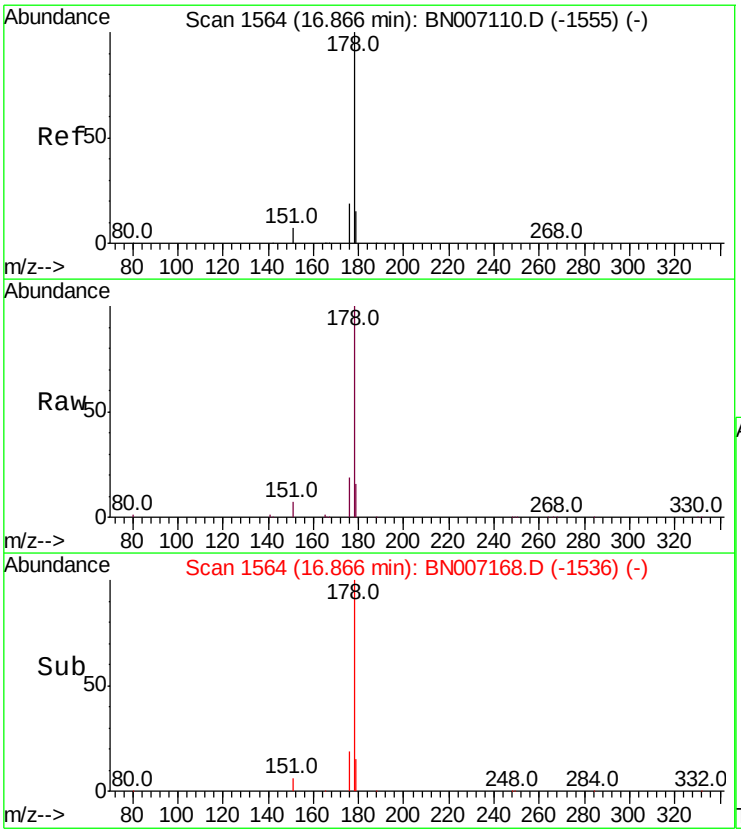
#21
Pentachlorophenol
Concen: 0.467 ng
RT: 16.48 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 3498

Ion	Ratio	Lower	Upper
266	100		
264	62.3	52.3	78.5
268	65.2	51.5	77.3

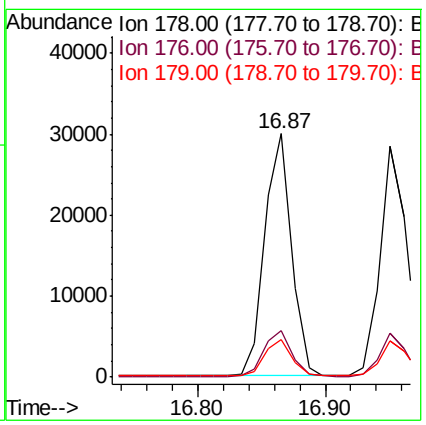


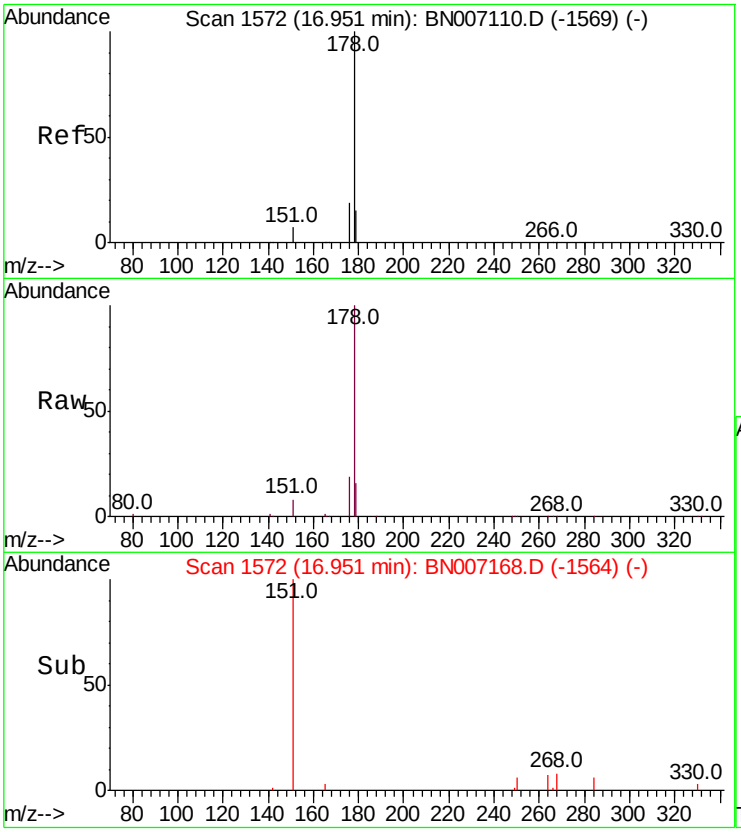


#22
Phenanthrene
Concen: 0.432 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion:178 Resp: 43694

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	15.4	12.3	18.5



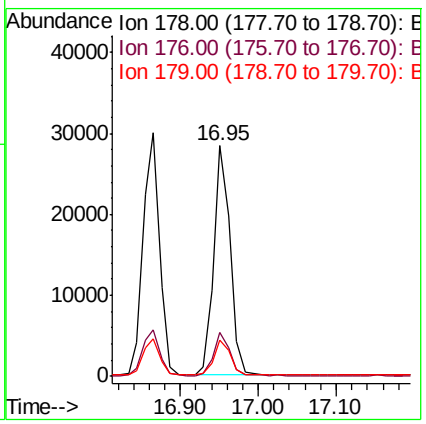


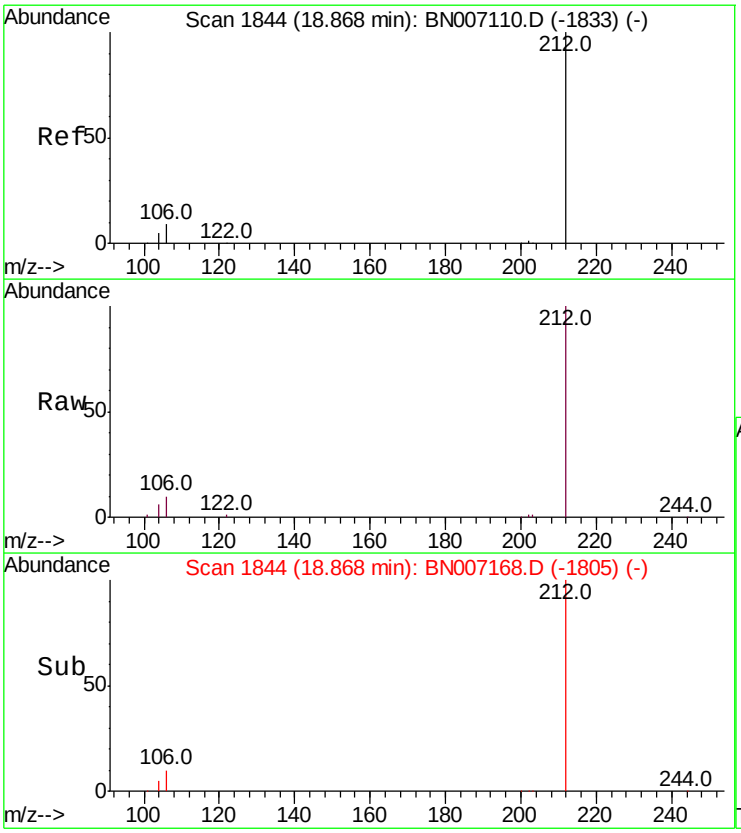
#23
Anthracene
Concen: 0.444 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 41069

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.1	12.5	18.7

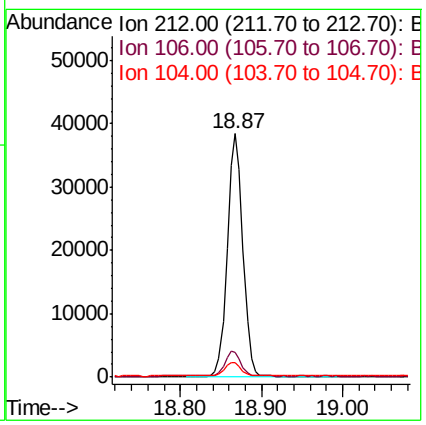


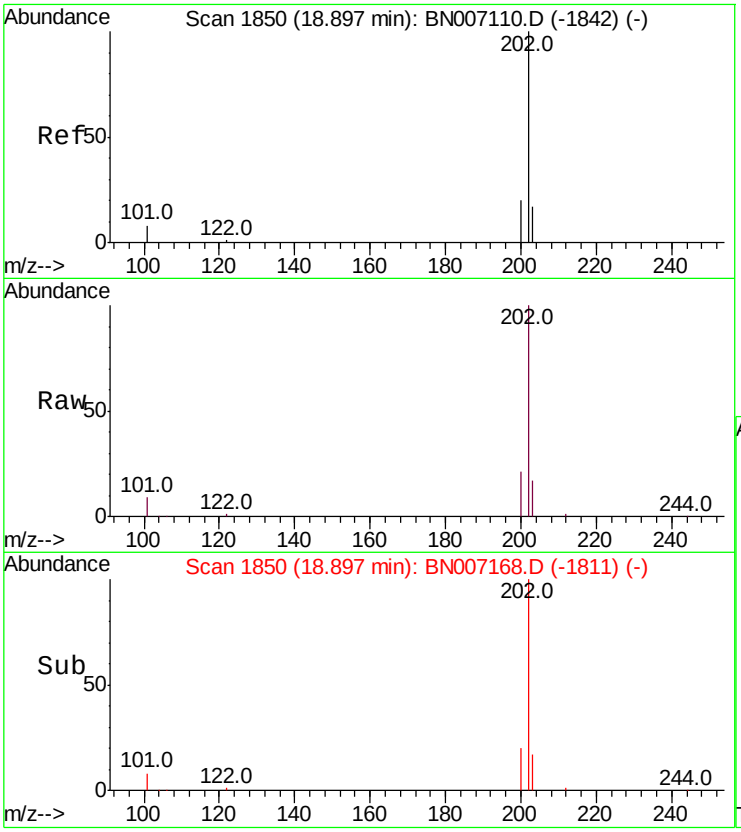


#24
Fluoranthene-d10
Concen: 0.423 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion:212 Resp: 50697

Ion	Ratio	Lower	Upper
212	100		
106	10.5	8.2	12.2
104	5.7	4.5	6.7



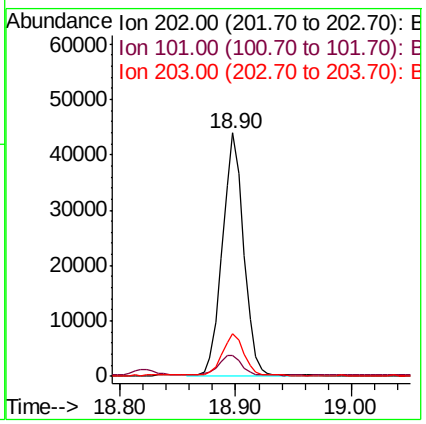


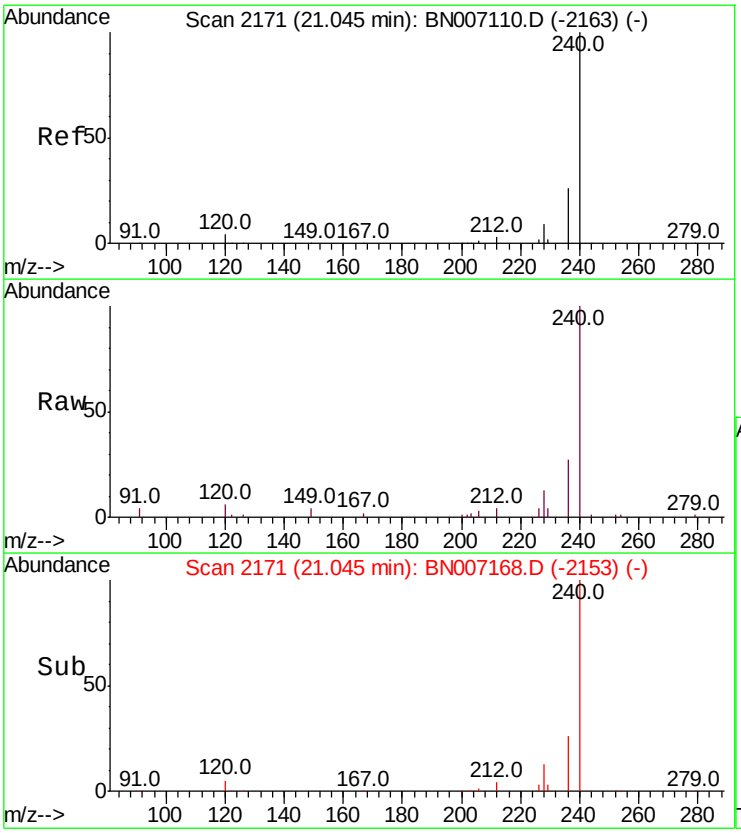
#25
Fluoranthene
Concen: 0.428 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 55425

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.0	10.4
203	17.3	13.8	20.8

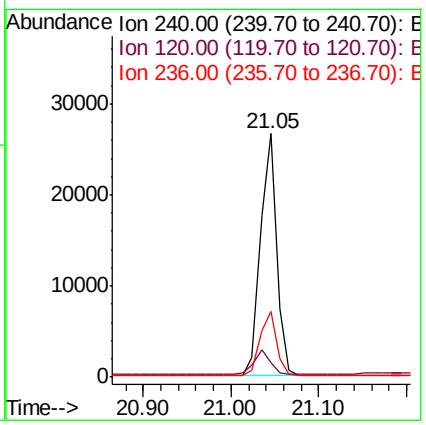


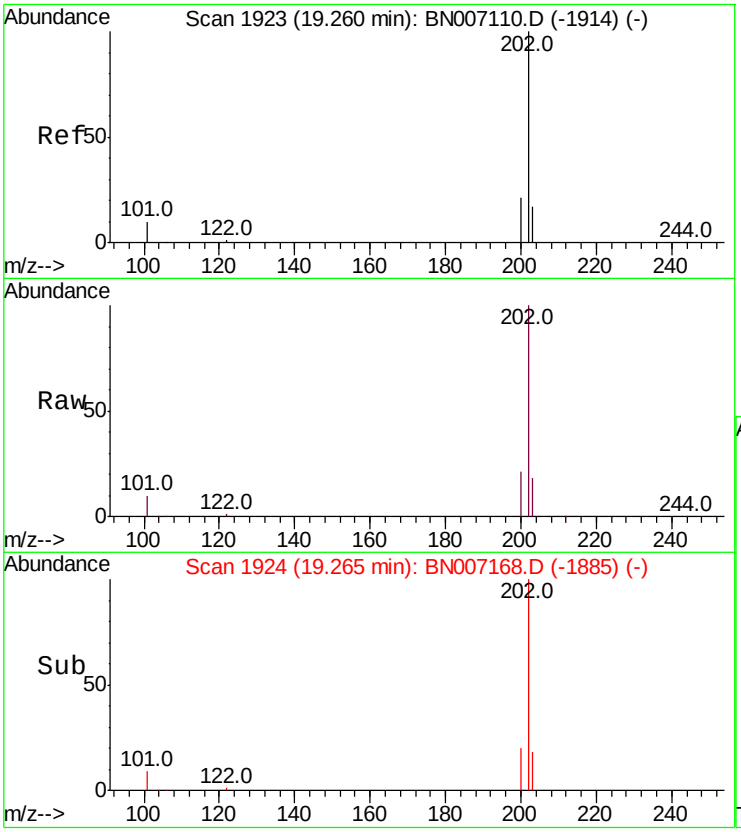


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion:240 Resp: 34600

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.0	6.0#
236	26.8	21.3	31.9



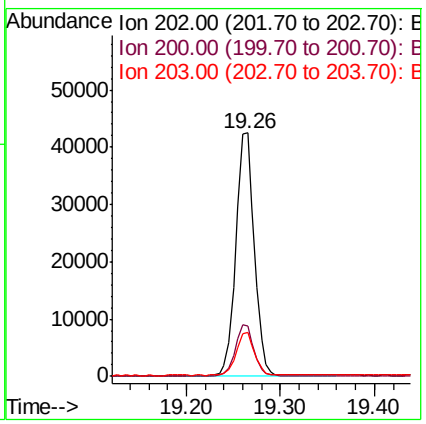


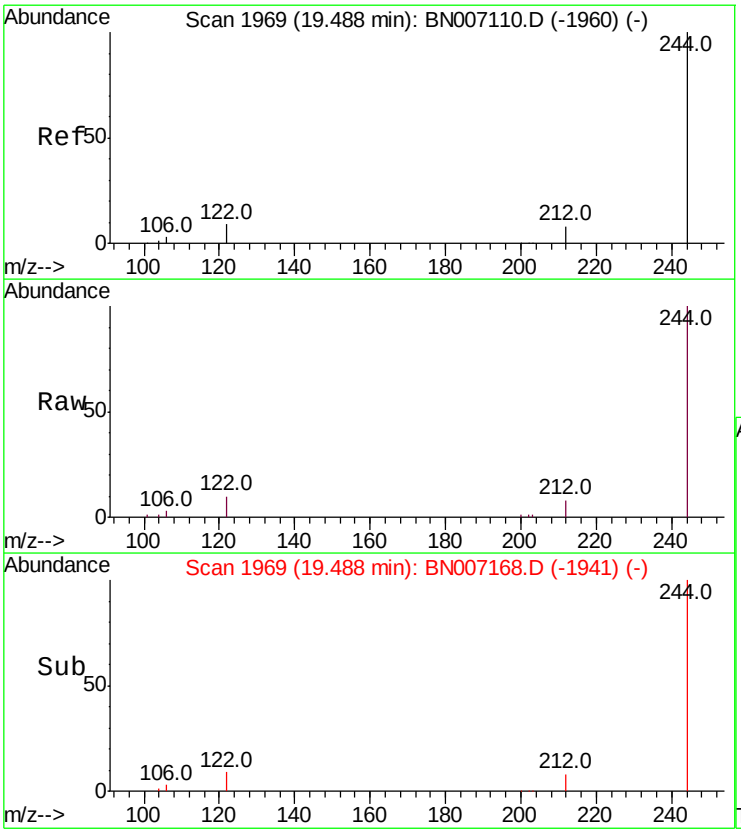
#27
Pyrene
Concen: 0.470 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 57012

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.7	14.0	21.0

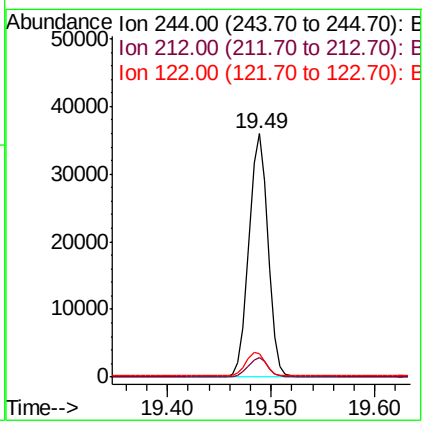


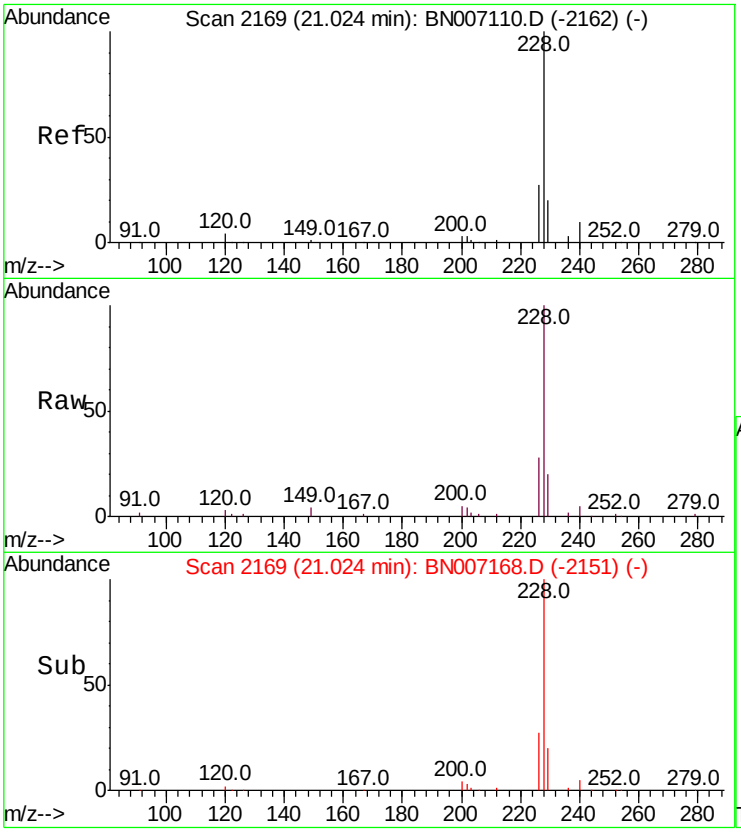


#28
Terphenyl-d14
Concen: 0.467 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion:244 Resp: 44066

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	9.8	7.4	11.2



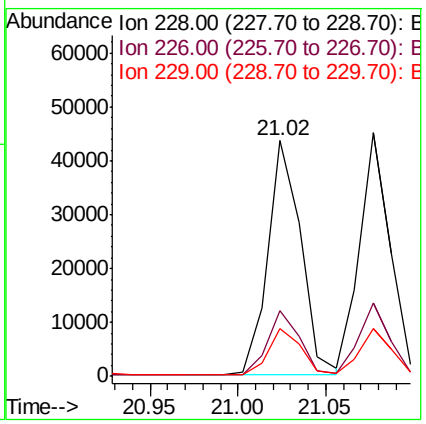


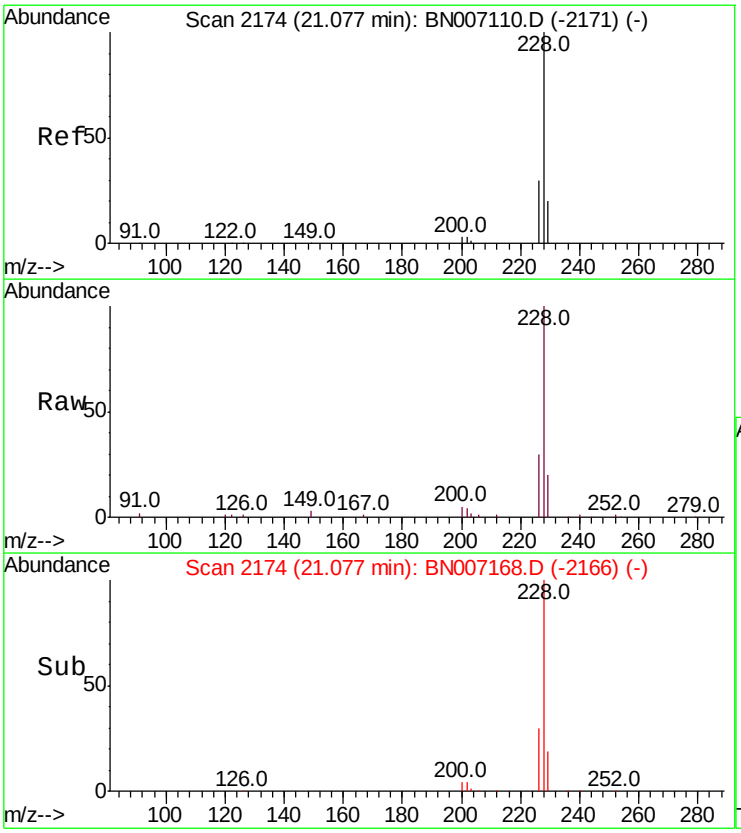
#29
Benzo(a)anthracene
Concen: 0.453 ng
RT: 21.02 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 57290

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.6
229	20.0	15.6	23.4

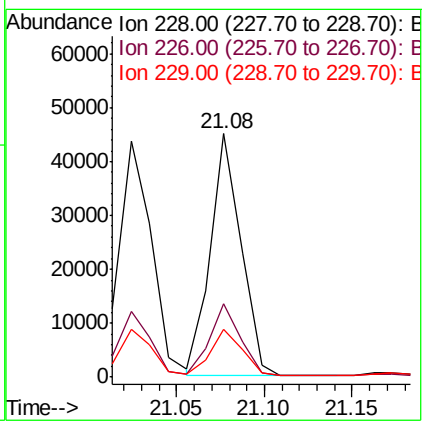


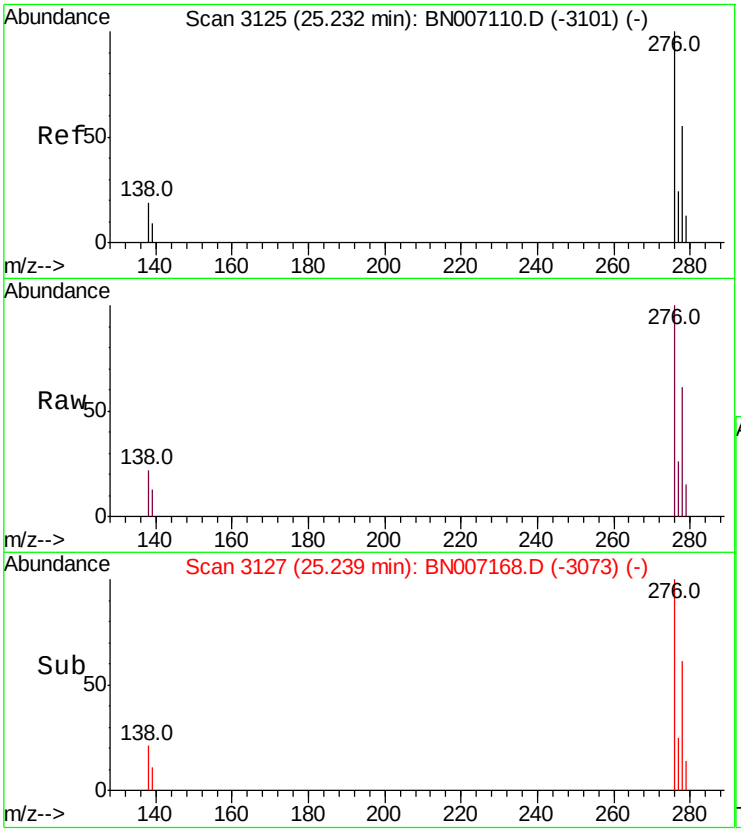


#30
Chrysene
Concen: 0.443 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion:228 Resp: 54404

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	19.8	15.7	23.5



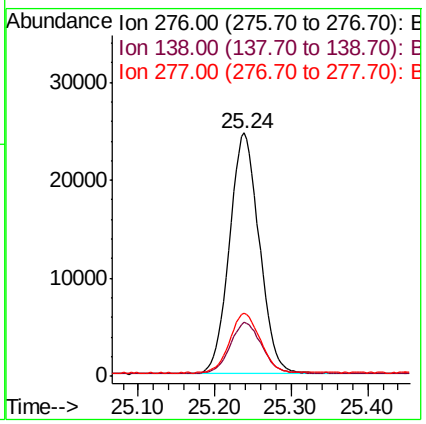


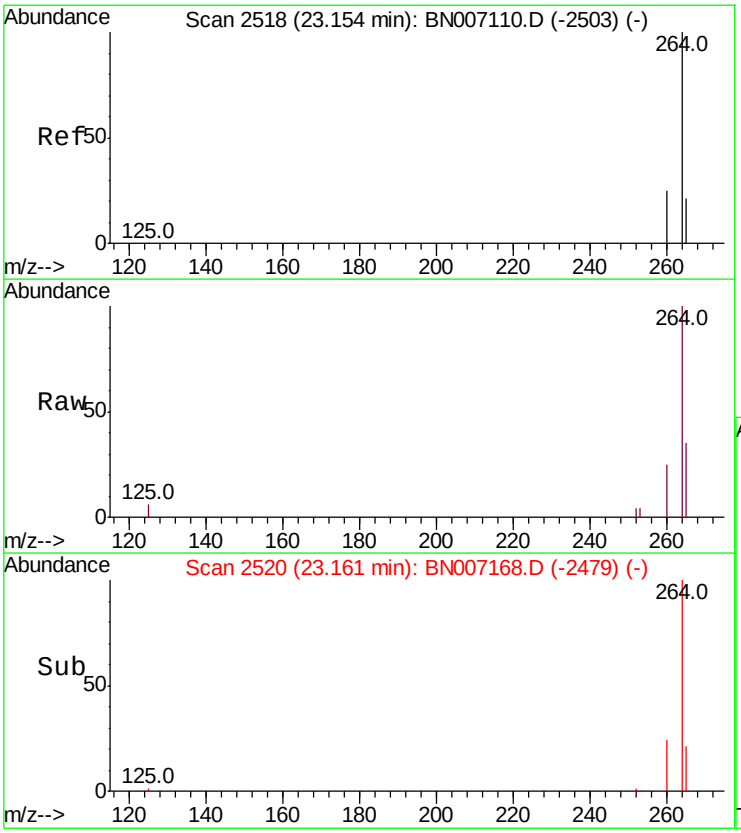
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.494 ng
RT: 25.24 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 66923

Ion	Ratio	Lower	Upper
276	100		
138	21.8	16.0	24.0
277	25.1	19.9	29.9

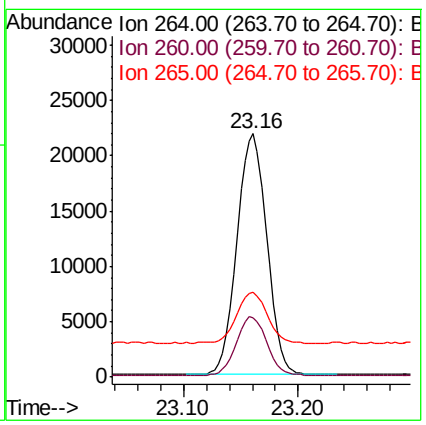


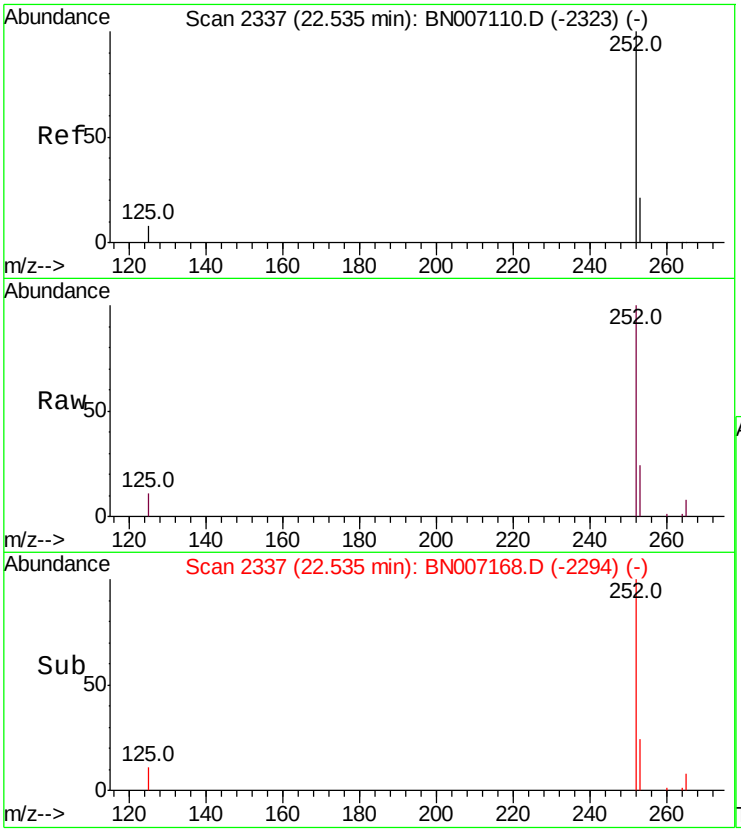


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion:264 Resp: 39106

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	34.8	26.2	39.4



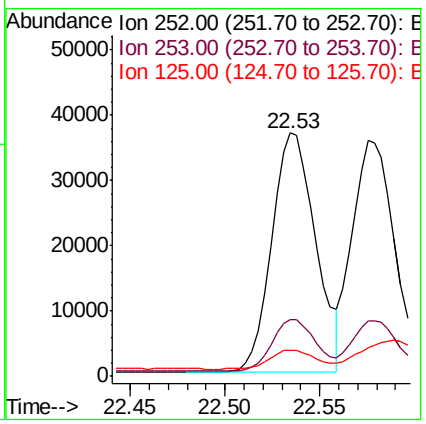


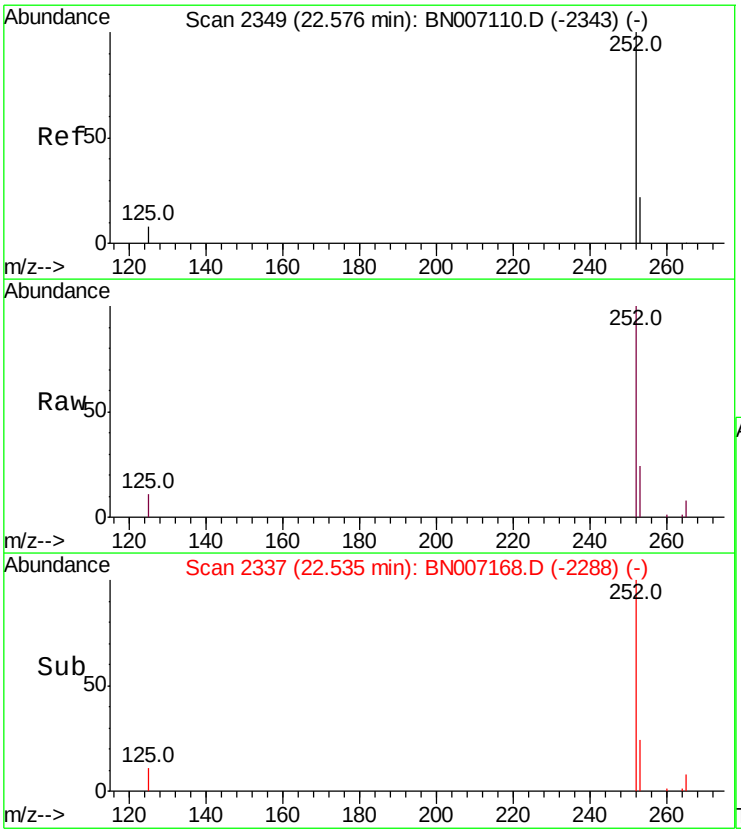
#33
Benzo(b)fluoranthene
Concen: 0.438 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 58797

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	10.9	7.4	11.0

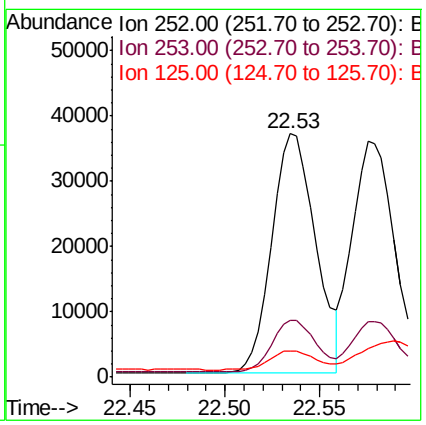


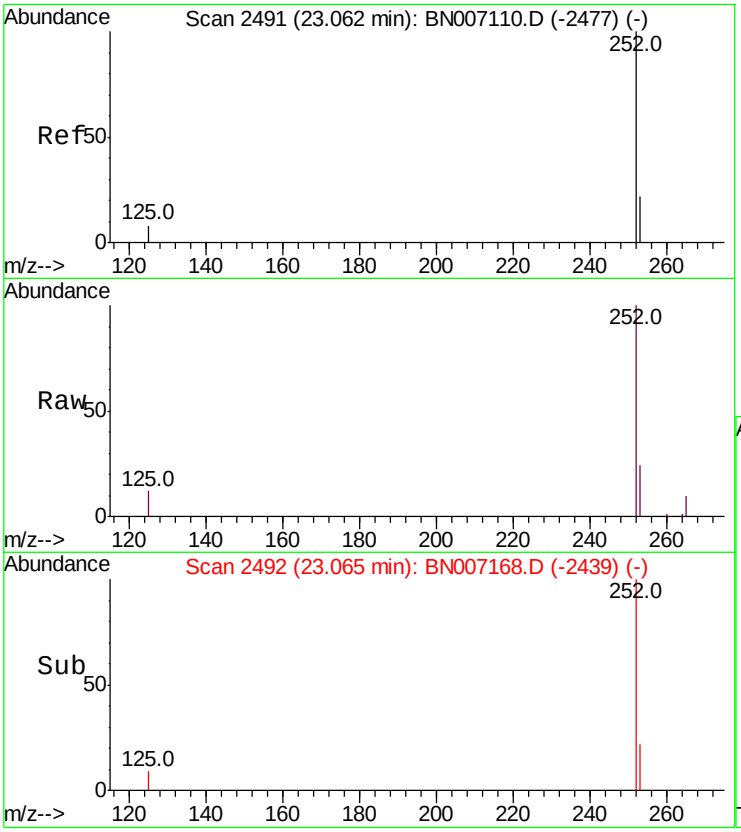


#34
Benzo(k)fluoranthene
Concen: 0.444 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.05 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion:252 Resp: 58797

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	10.9	7.4	11.0



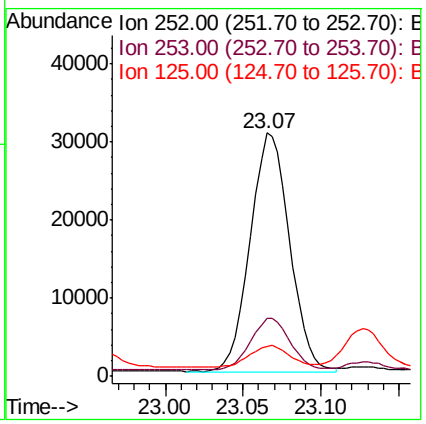


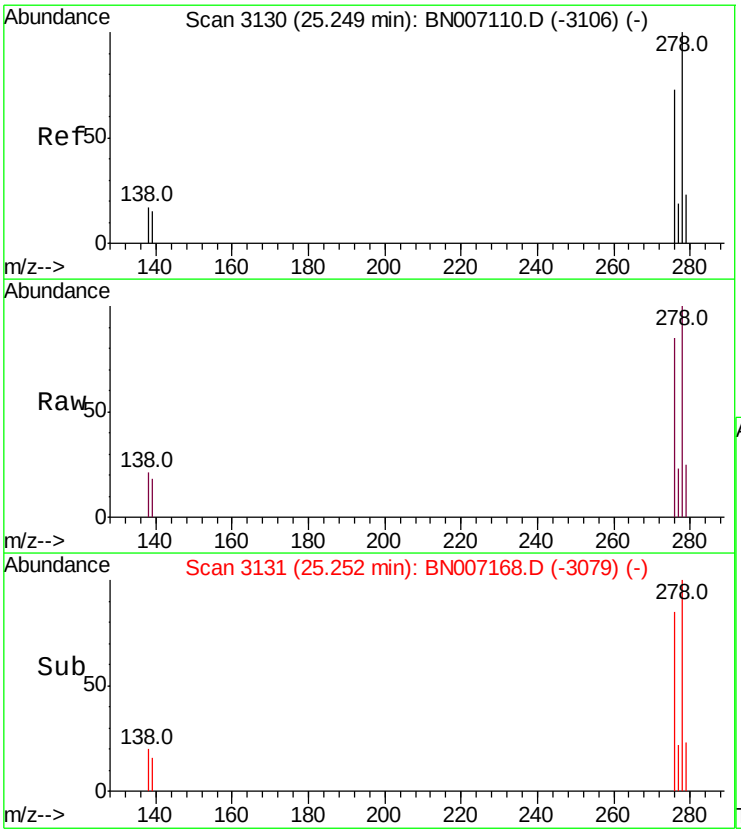
#35
Benzo(a)pyrene
Concen: 0.444 ng
RT: 23.07 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 53971

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	12.4	8.2	12.4#

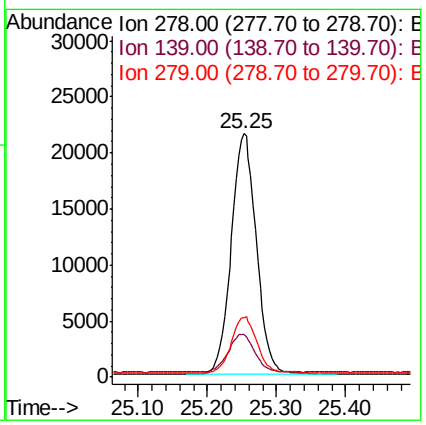


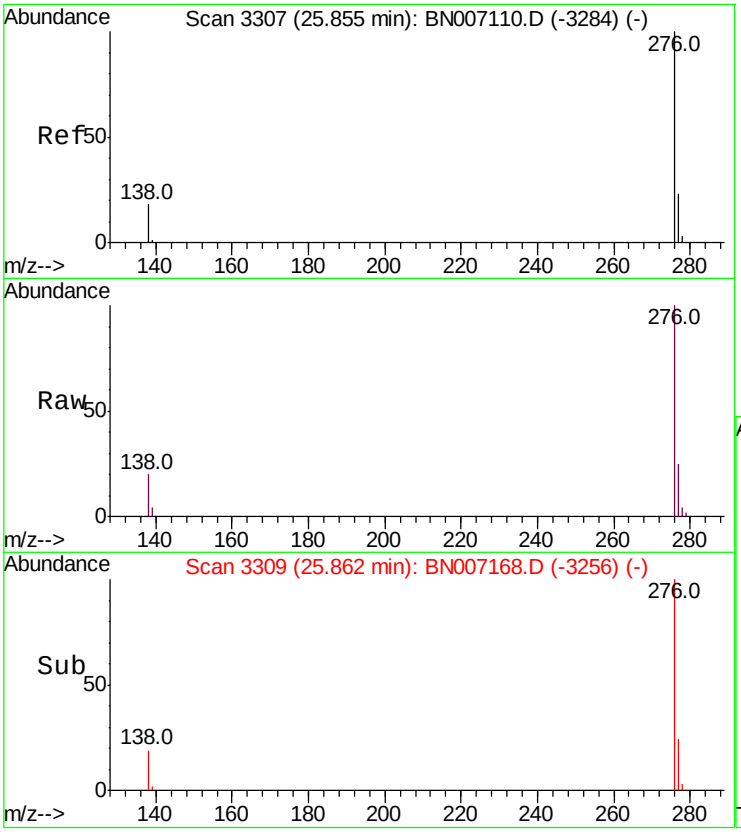


#36
Dibenzo(a,h)anthracene
Concen: 0.449 ng
RT: 25.25 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Tgt Ion:278 Resp: 54442

Ion	Ratio	Lower	Upper
278	100		
139	17.5	11.3	16.9#
279	24.6	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 0.436 ng
RT: 25.86 min Scan# 3309
Delta R.T. -0.02 min
Lab File: BN007168.D
Acq: 14 Aug 2019 18:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 54427

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.8	29.8
138	20.2	14.6	22.0