Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
Data File : BN007047.D
Acq On : 10 Aug 2019 13:06
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Aug 10 21:34:17 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 21:17:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	6387	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	23207	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	14131	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	63780	0.40	ng		0.00
26) Chrysene-d12	21.06	240	73865	0.40	ng		0.00
32) Perylene-d12	23.17	264	74288	0.40	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	11608	0.70	ng		0.00
4) Phenol-d6	6.61	99	14199	0.70	ng		0.00
7) Nitrobenzene-d5	8.56	82	13567	0.75	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	31840	0.71	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	7248	1.09	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	16677	0.71	ng		0.00
24) Fluoranthene-d10	18.87	212	166731	0.71	ng		0.00
28) Terphenyl-d14	19.50	244	145498	0.68	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.35	42	3108	0.850	ng	#	98
5) bis(2-Chloroethyl)ether	6.87	93	12830	0.712	ng		100
8) Naphthalene	10.24	128	48251	0.707	ng		99
9) Hexachlorobutadiene	10.55	225	10292	0.701	ng	#	100
11) 2-Methylnaphthalene	11.87	142	34015	0.715	ng		97
15) Acenaphthylene	13.79	152	55261	0.744	ng		100
16) Acenaphthene	14.14	154	35515	0.739	ng		98
17) Fluorene	15.14	166	59575	0.855	ng		99
19) 4-Bromophenyl-phenylether	16.04	248	25609	0.603	ng		99
20) Hexachlorobenzene	16.14	284	27029	0.682	ng		100
21) Pentachlorophenol	16.48	266	9888	0.717	ng		99
22) Phenanthrene	16.87	178	138209	0.690	ng		100
23) Anthracene	16.96	178	128276	0.735	ng		100
25) Fluoranthene	18.90	202	182469	0.710	ng		100
27) Pyrene	19.27	202	182224	0.653	ng		100
29) Benzo(a)anthracene	21.03	228	193700	0.693	ng		100
30) Chrysene	21.09	228	185807	0.672	ng		100
31) Indeno(1,2,3-cd)pyrene	25.25	276	203408	0.688	ng		100
33) Benzo(b)fluoranthene	22.55	252	185486	0.717	ng		98
34) Benzo(k)fluoranthene	22.59	252	180198	0.697	ng		98
35) Benzo(a)pyrene	23.08	252	164269	0.704	ng		97
36) Dibenzo(a,h)anthracene	25.27	278	166033	0.714	ng		99
37) Benzo(g,h,i)perylene	25.88	276	168730	0.695	ng		98

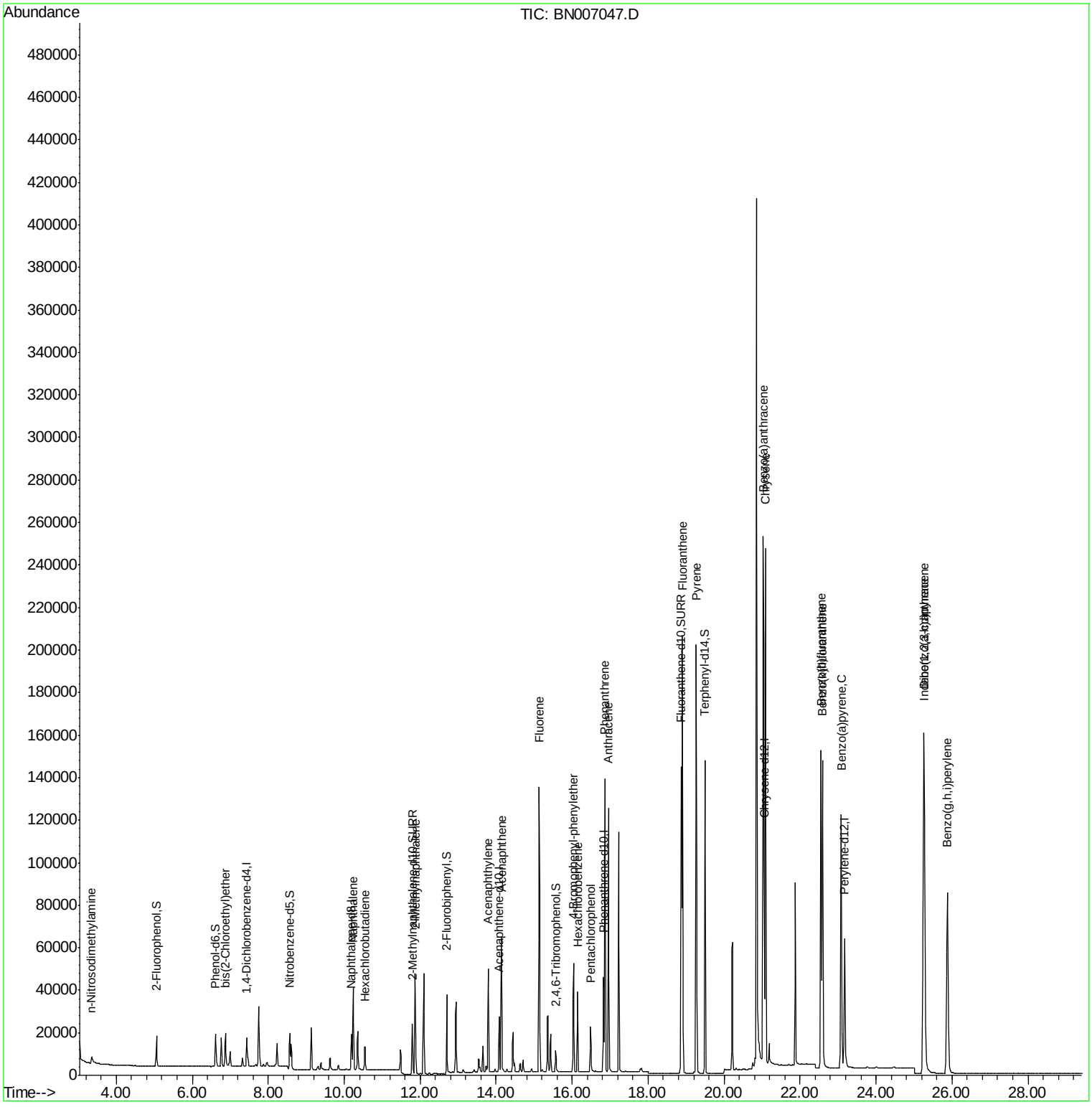
(#) = qualifier out of range (m) = manual integration (+) = signals summed

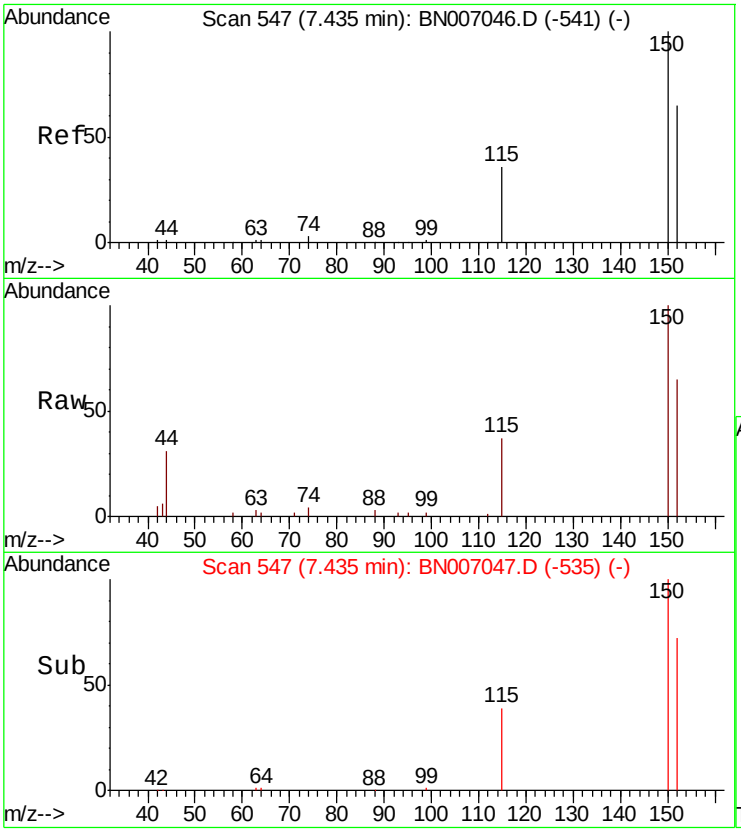
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
Data File : BN007047.D
Acq On : 10 Aug 2019 13:06
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Aug 10 21:34:17 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 21:17:06 2019
Response via : Initial Calibration



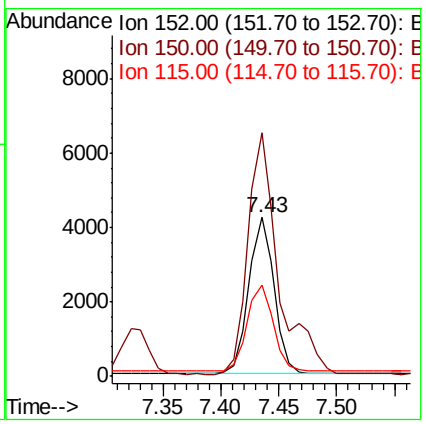


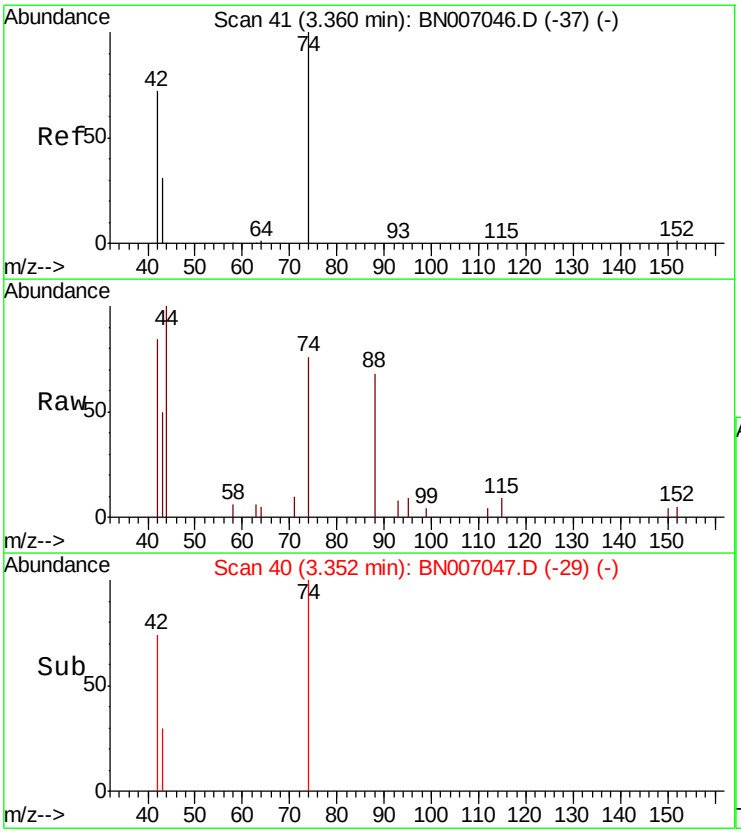
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 6387

Ion	Ratio	Lower	Upper
152	100		
150	153.0	121.7	182.5
115	57.0	46.2	69.4

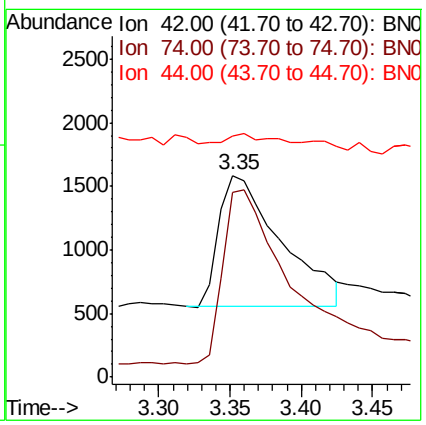


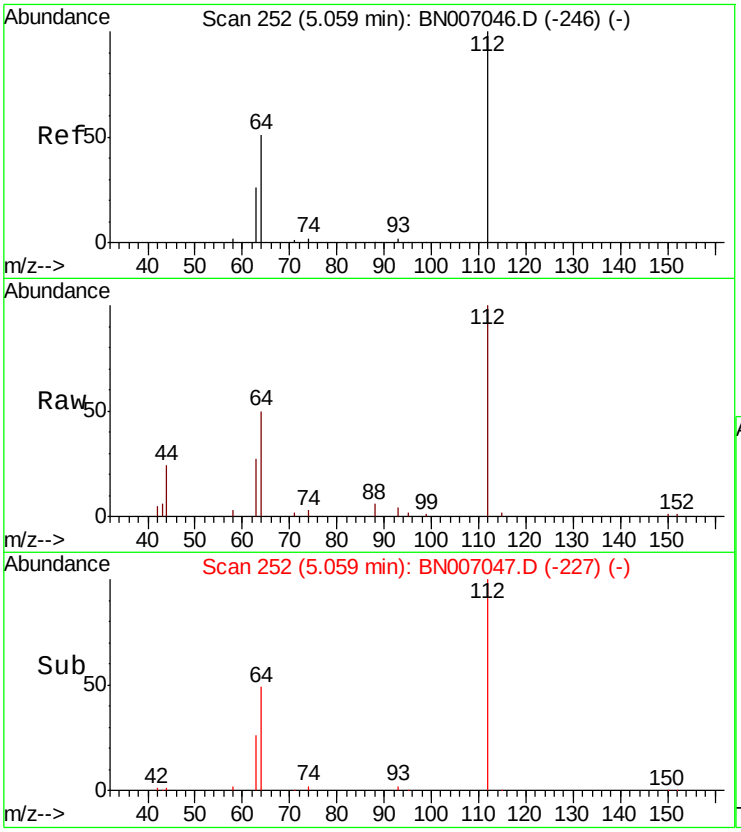


#2
n-Nitrosodimethylamine
Concen: 0.850 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion: 42 Resp: 3108

Ion	Ratio	Lower	Upper
42	100		
74	135.9	110.6	166.0
44	7.6	0.0	0.0#



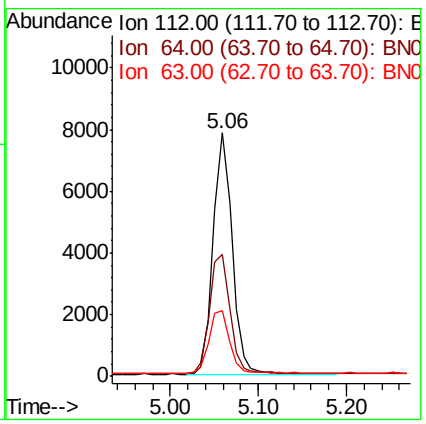


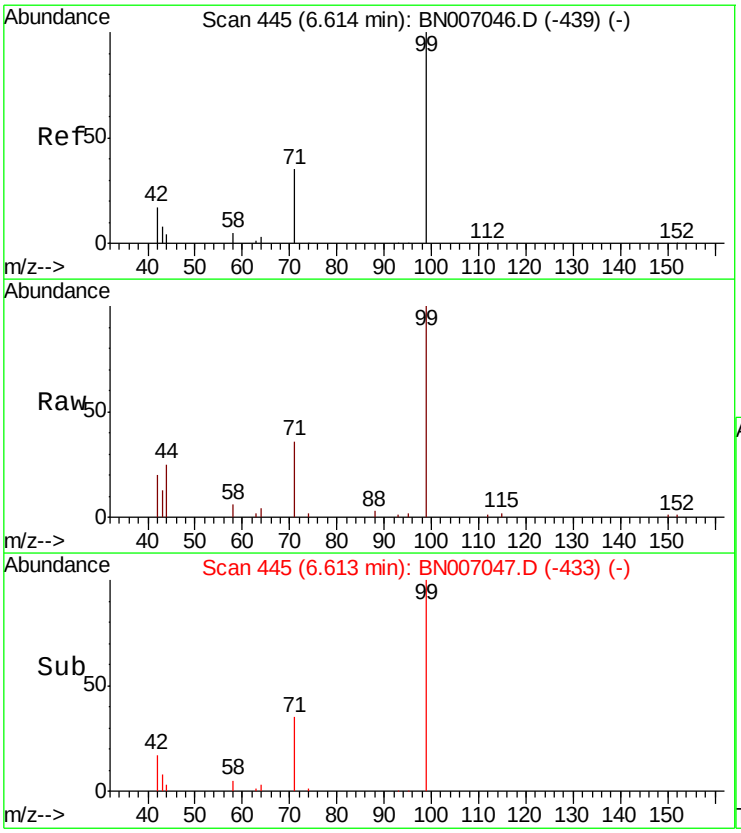
#3
2-Fluorophenol
Concen: 0.701 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:112 Resp: 11608

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.6	63.8
63	27.9	22.2	33.2

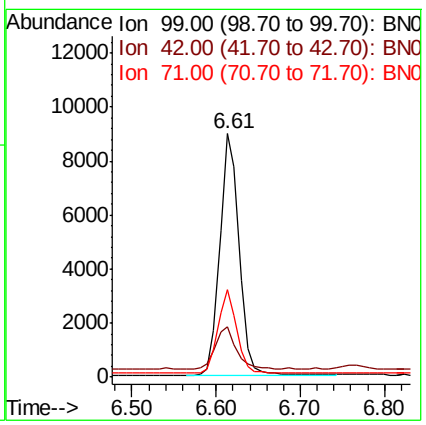


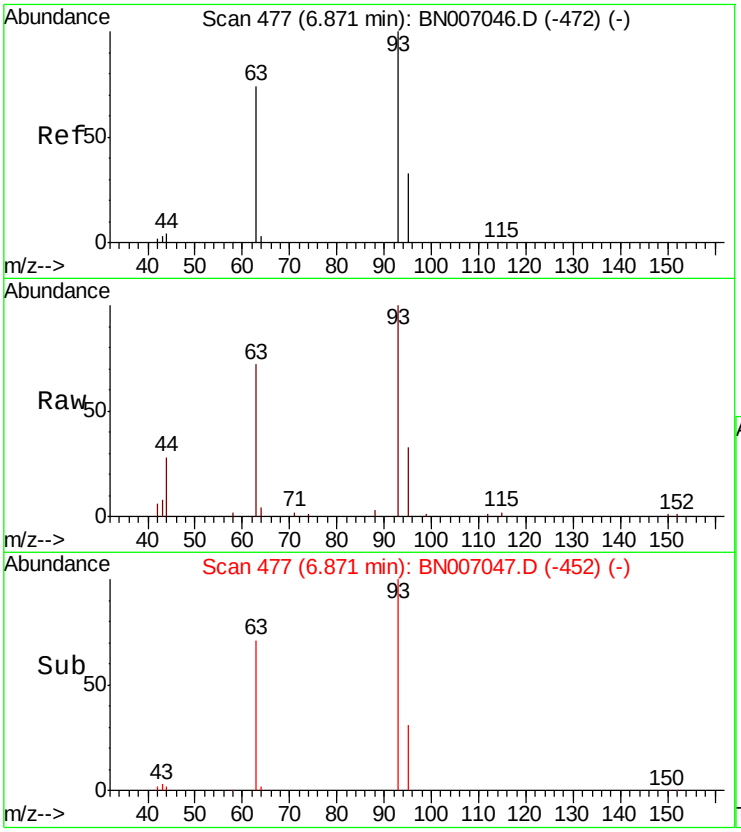


#4
Phenol-d6
Concen: 0.704 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion: 99 Resp: 14199

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.8	23.6
71	33.2	27.0	40.4



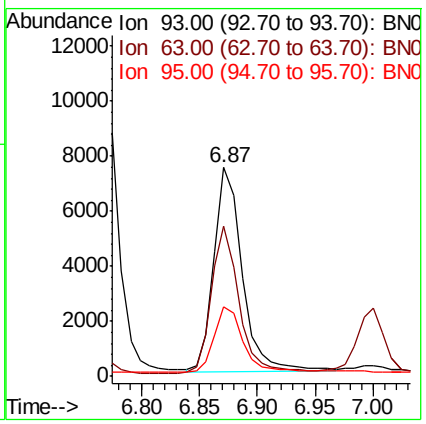


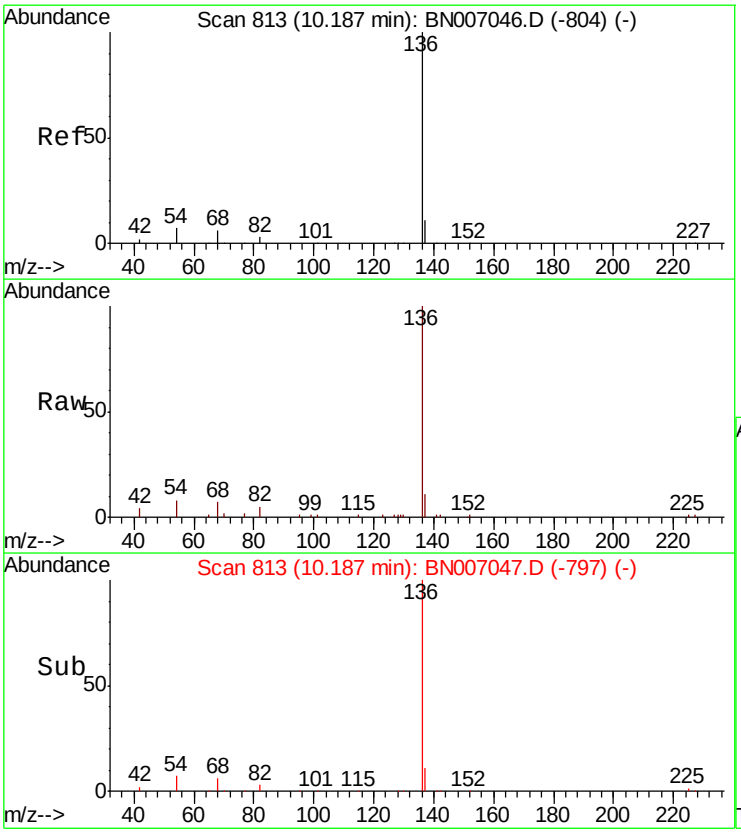
#5
bis(2-Chloroethyl)ether
Concen: 0.712 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 93 Resp: 12830

Ion	Ratio	Lower	Upper
93	100		
63	69.4	55.6	83.4
95	32.9	26.7	40.1

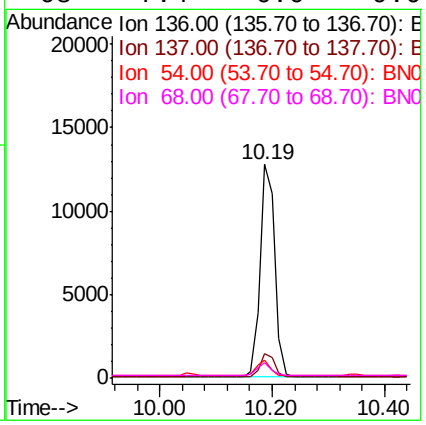


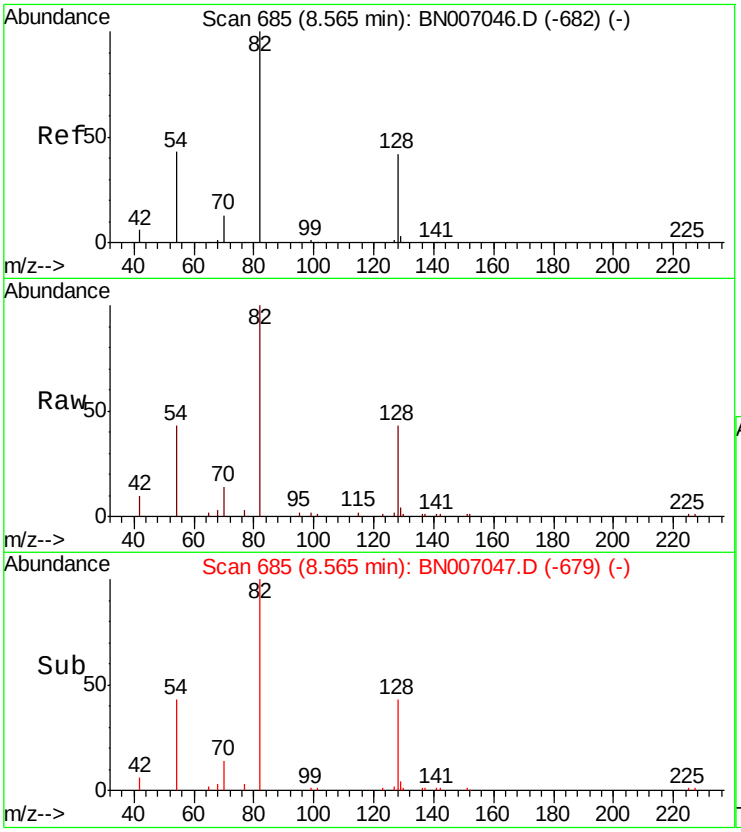


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion:136 Resp: 23207

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	8.2	6.6	9.8
68	7.4	6.0	9.0



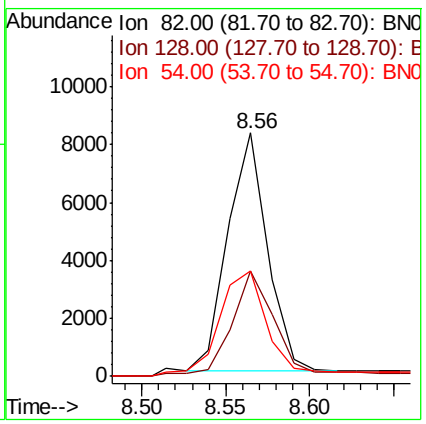


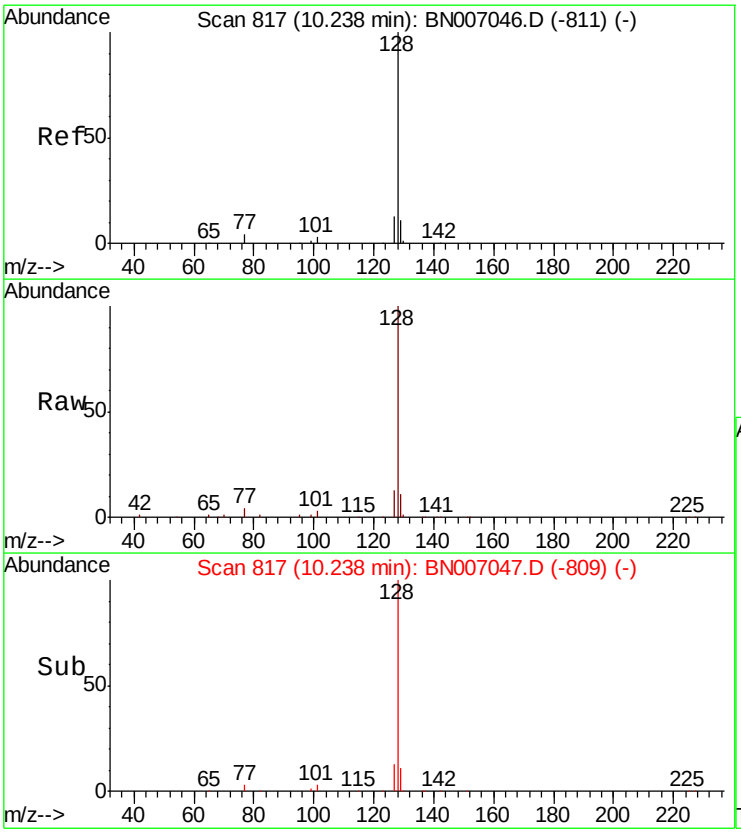
#7
Nitrobenzene-d5
Concen: 0.750 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 82 Resp: 13567

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	43.3	36.2	54.4

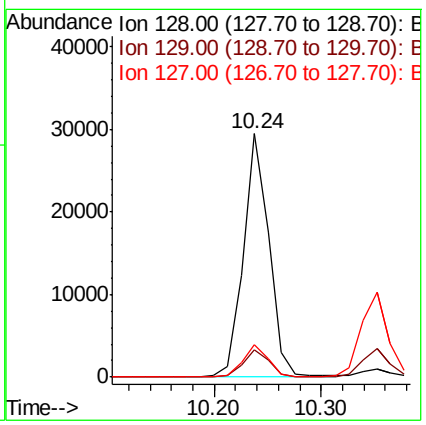


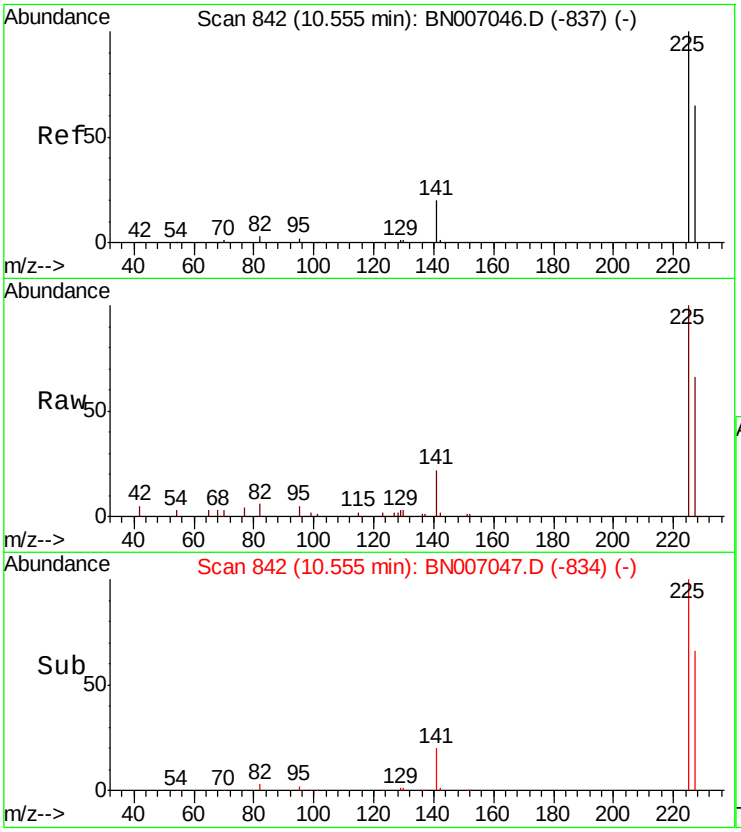


#8
Naphthalene
Concen: 0.707 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion:128 Resp: 48251

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	13.4	11.0	16.6



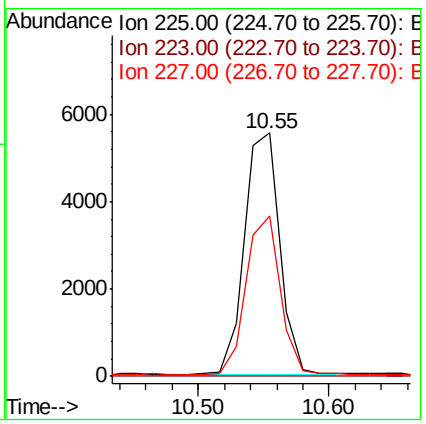


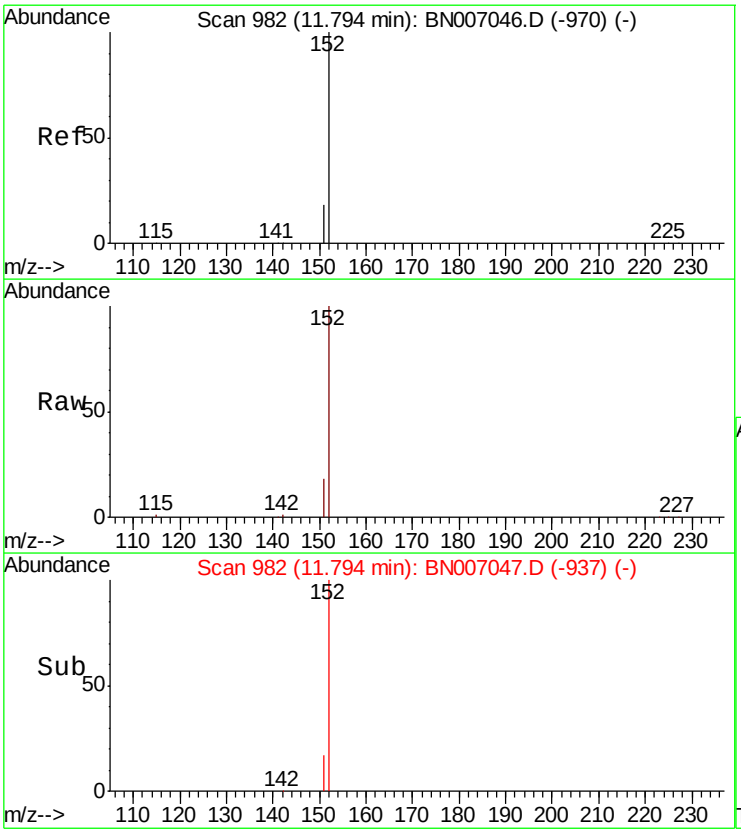
#9
Hexachlorobutadiene
Concen: 0.701 ng
RT: 10.55 min Scan# 842
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:225 Resp: 10292

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.1	76.7

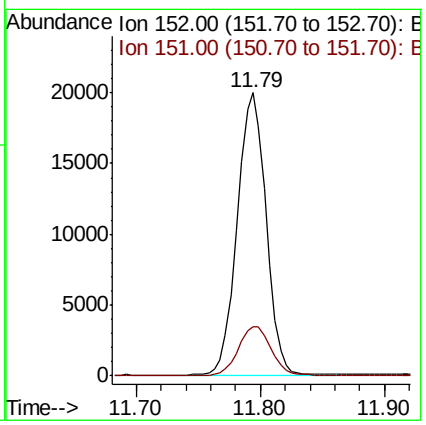


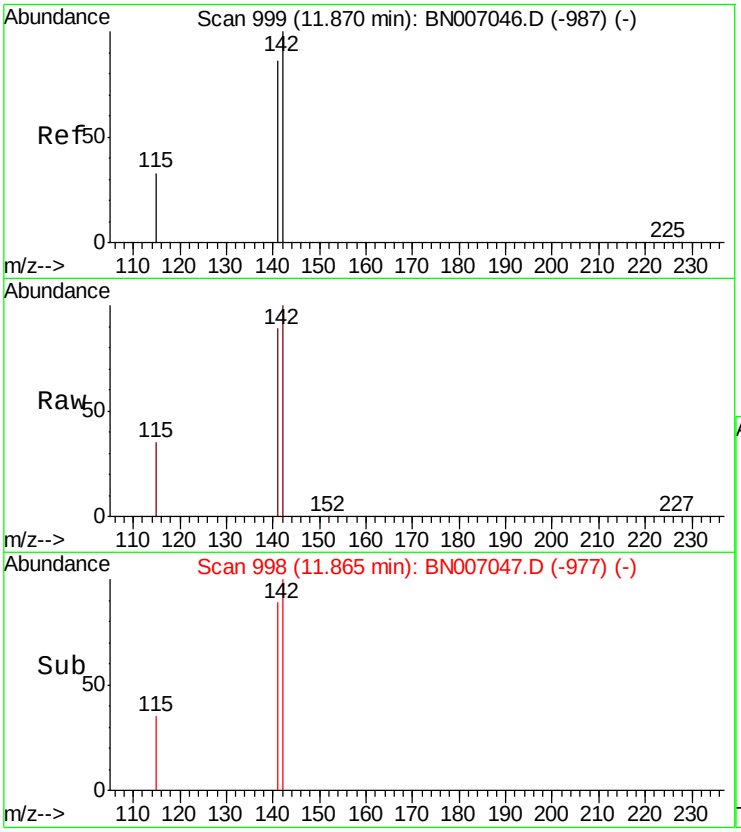


#10
2-Methylnaphthalene-d10
Concen: 0.714 ng
RT: 11.79 min Scan# 982
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion:152 Resp: 31840

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3



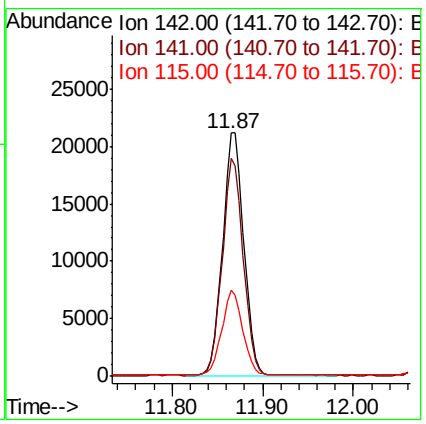


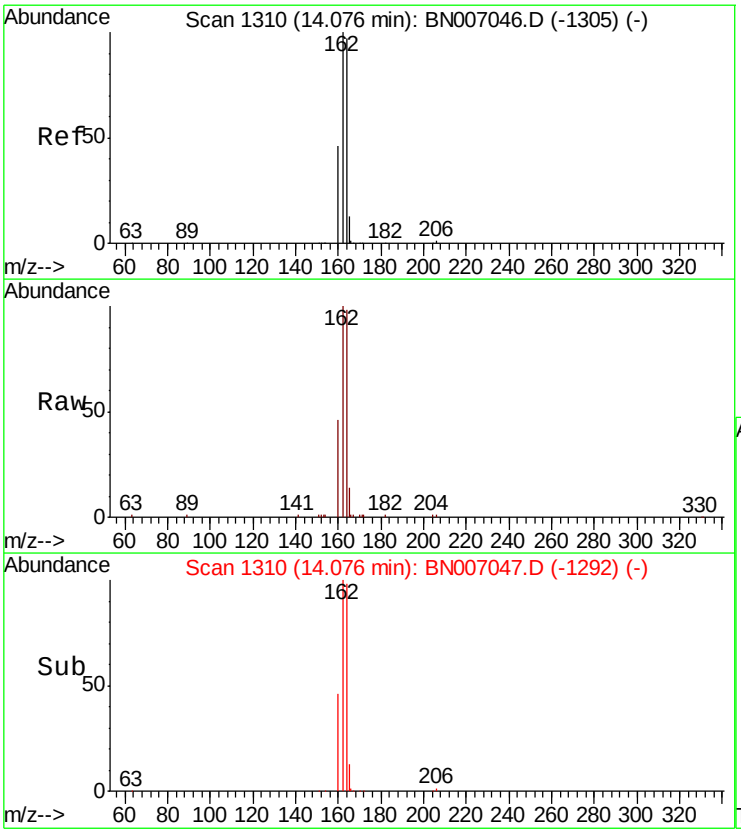
#11
2-Methylnaphthalene
Concen: 0.715 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:142 Resp: 34015

Ion	Ratio	Lower	Upper
142	100		
141	89.4	69.0	103.6
115	35.1	27.1	40.7

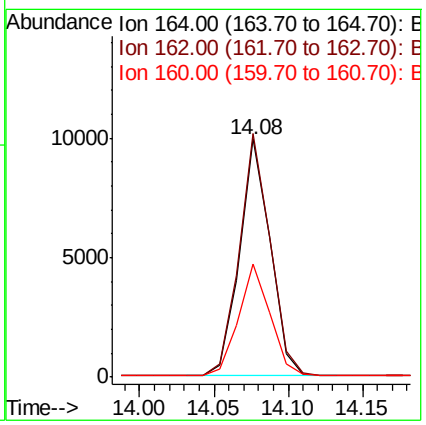


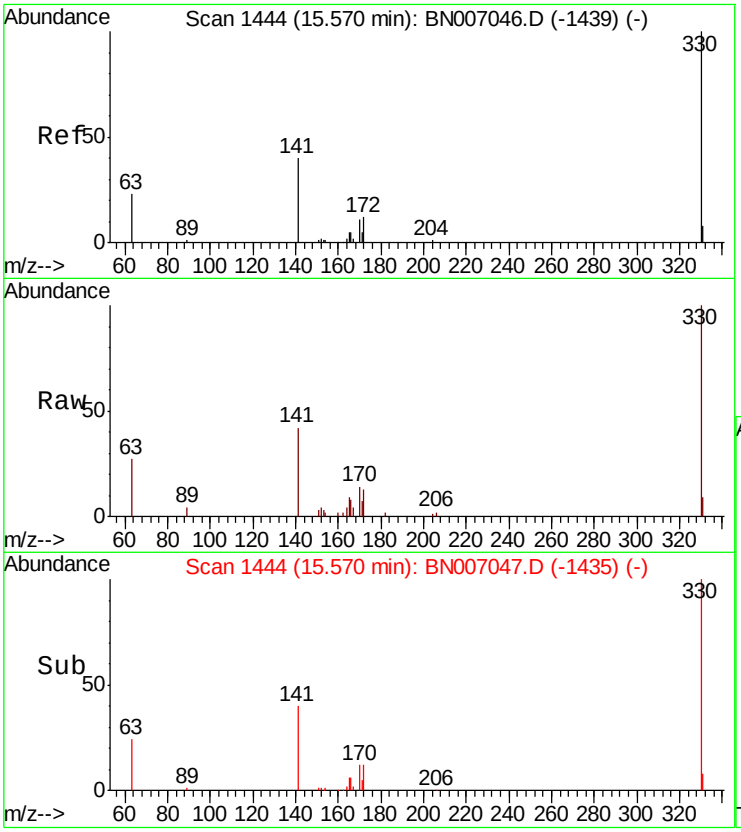


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion:164 Resp: 14131

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.4
160	47.2	38.3	57.5



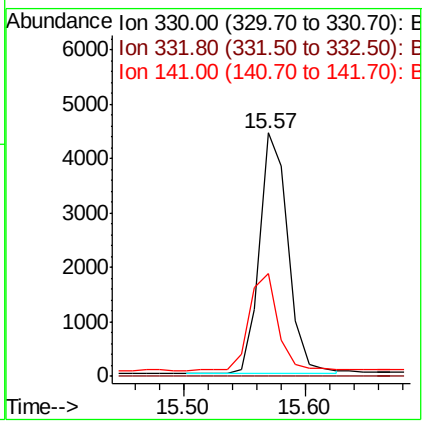


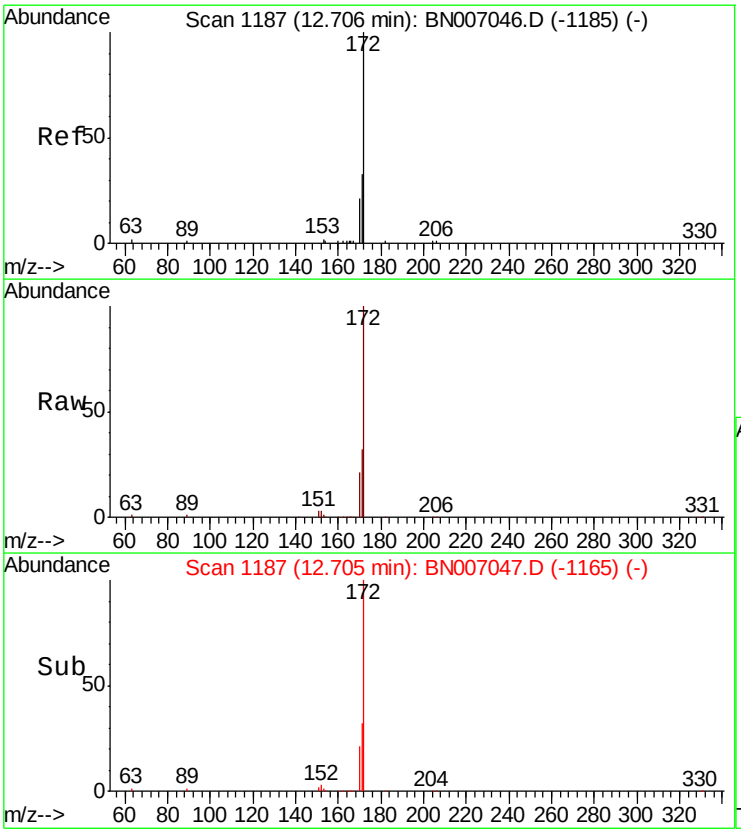
#13
2,4,6-Tribromophenol
Concen: 1.087 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:330 Resp: 7248

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.6	33.6	50.4

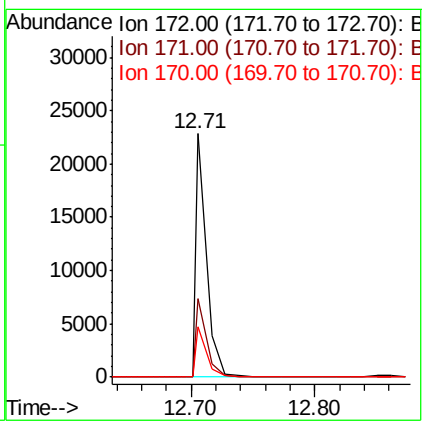


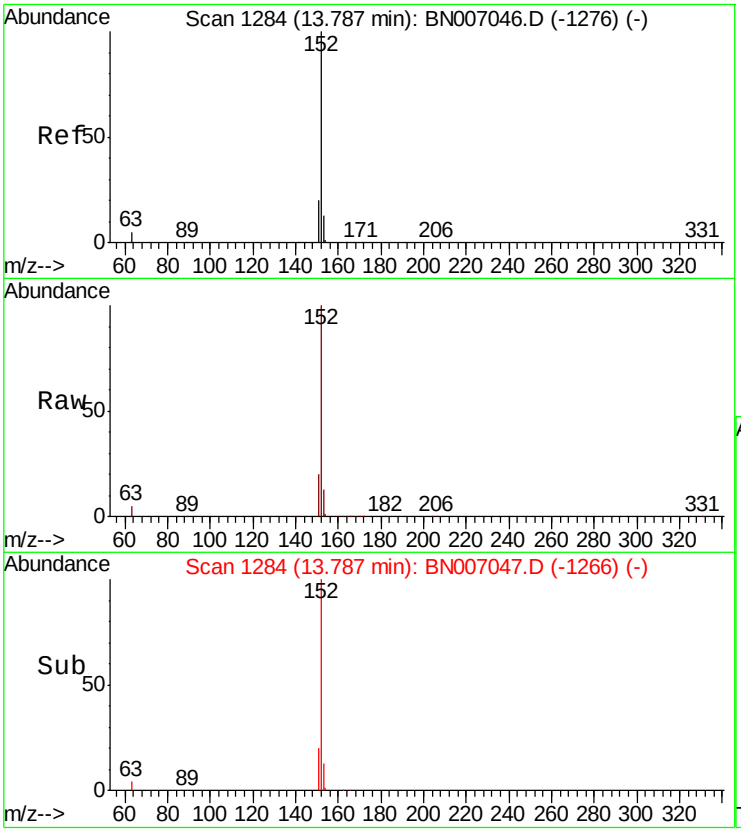


#14
2-Fluorobiphenyl
Concen: 0.711 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion:172 Resp: 16677

Ion	Ratio	Lower	Upper
172	100		
171	32.4	26.3	39.5
170	20.7	17.0	25.4



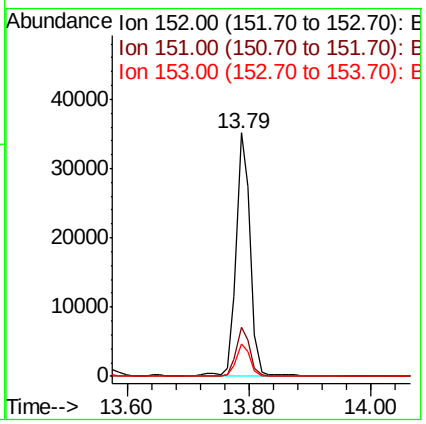


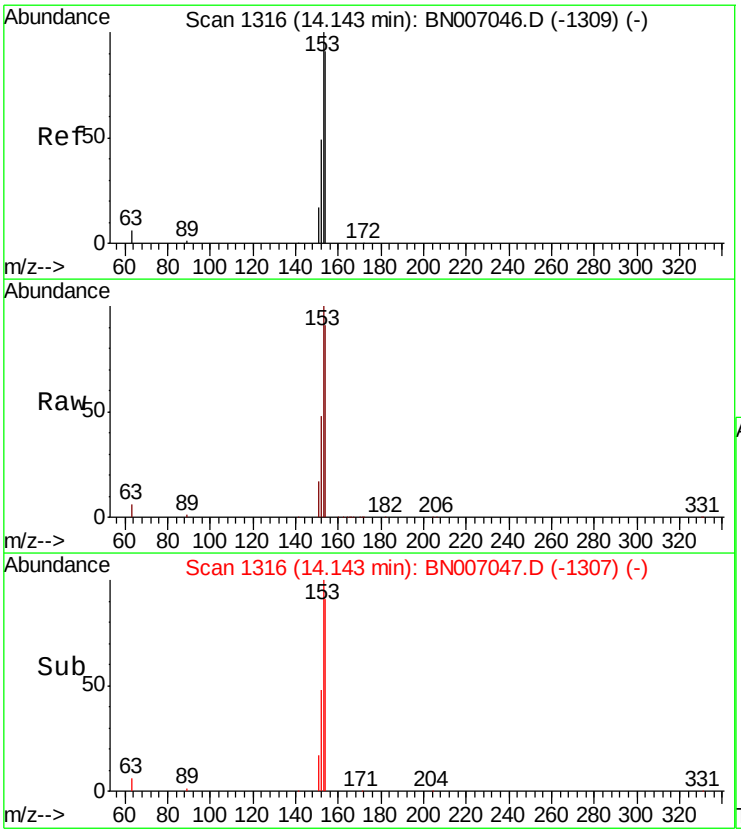
#15
Acenaphthylene
Concen: 0.744 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 55261

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	12.9	10.4	15.6

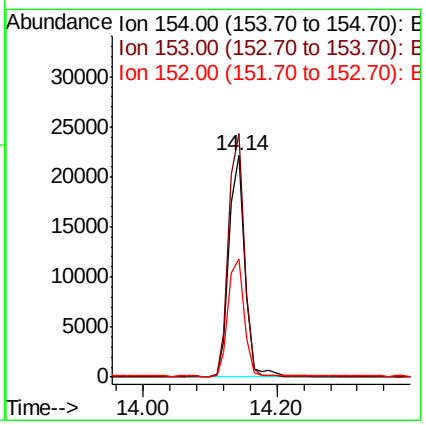


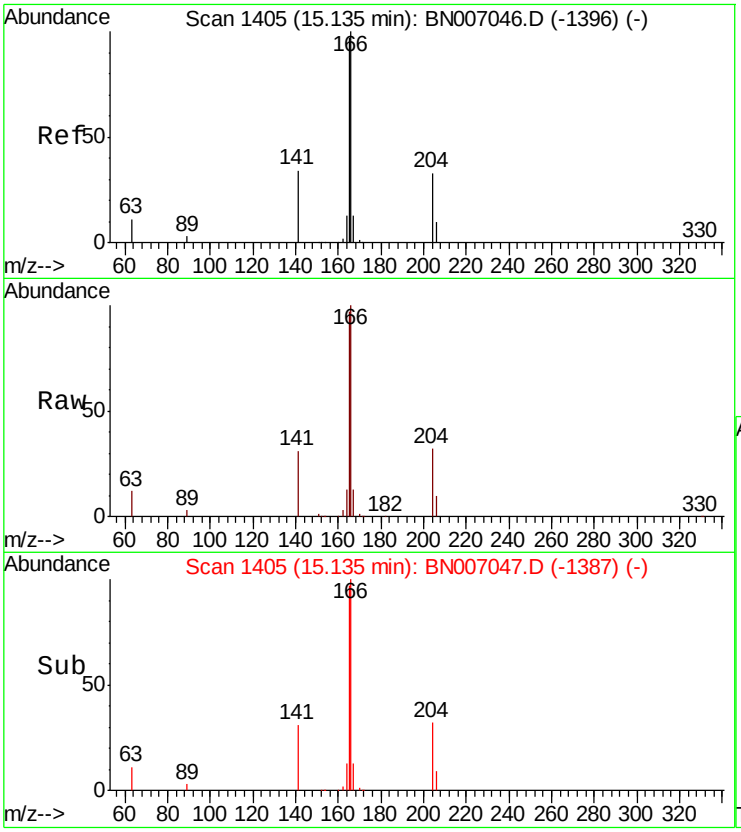


#16
Acenaphthene
Concen: 0.739 ng
RT: 14.14 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion:154 Resp: 35515

Ion	Ratio	Lower	Upper
154	100		
153	109.3	89.5	134.3
152	54.6	44.8	67.2



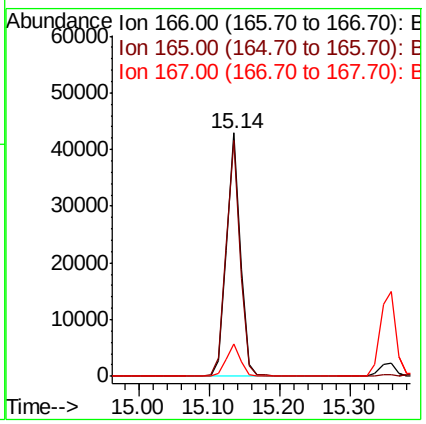


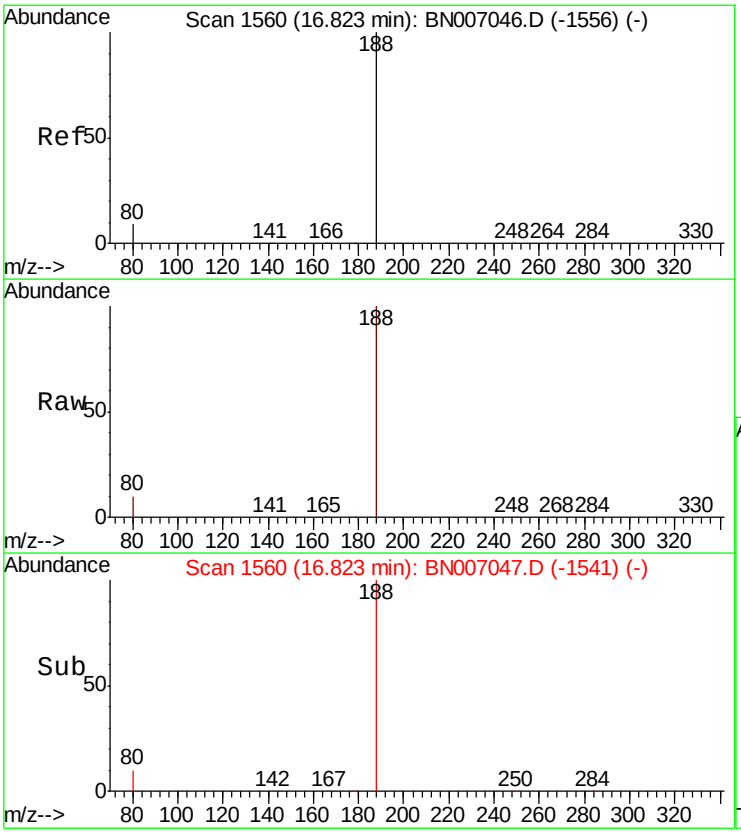
#17
Fluorene
Concen: 0.855 ng
RT: 15.14 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:166 Resp: 59575

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	13.4	10.9	16.3

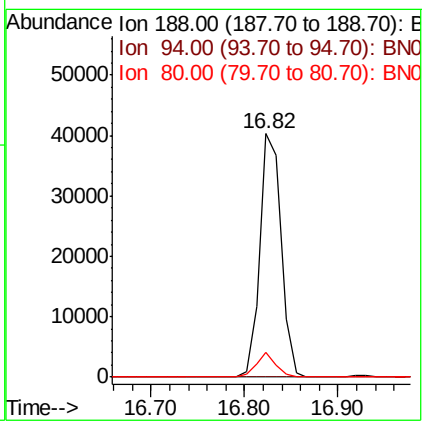


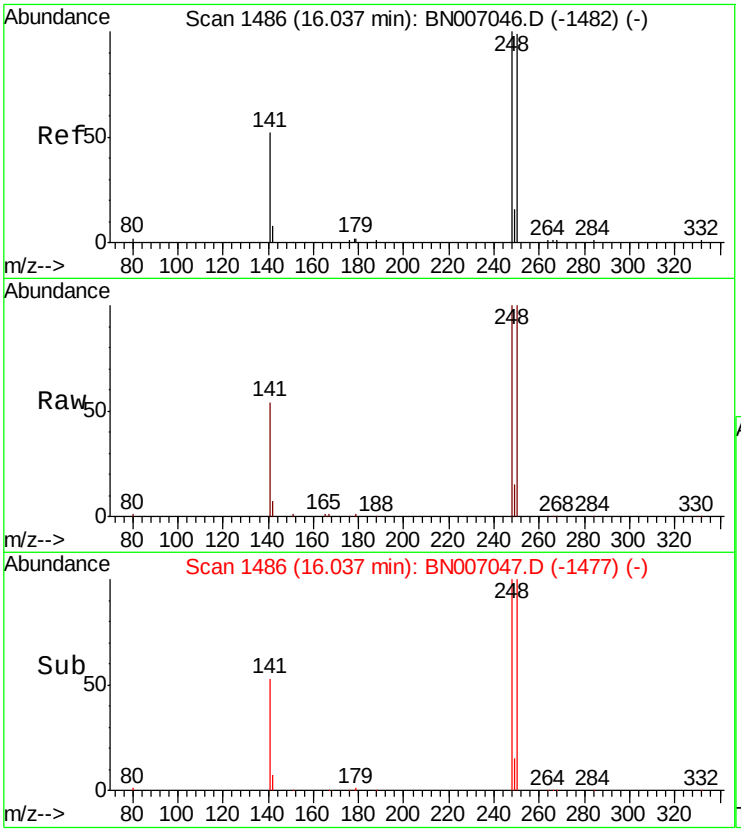


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion:188 Resp: 63780

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	7.8	11.6



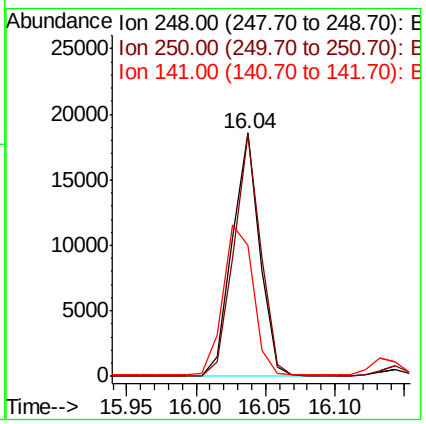


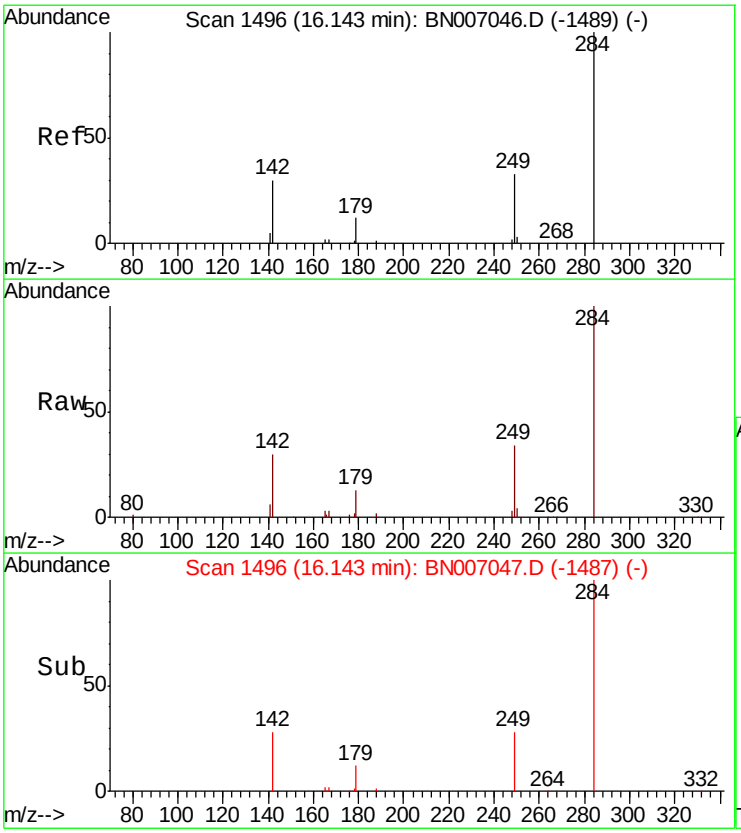
#19
4-Bromophenyl-phenylether
Concen: 0.603 ng
RT: 16.04 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 25609

Ion	Ratio	Lower	Upper
248	100		
250	99.5	78.9	118.3
141	54.0	43.3	64.9

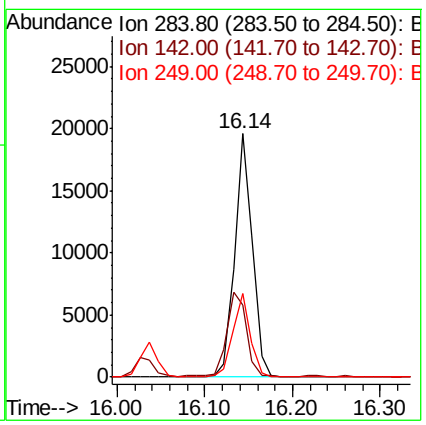


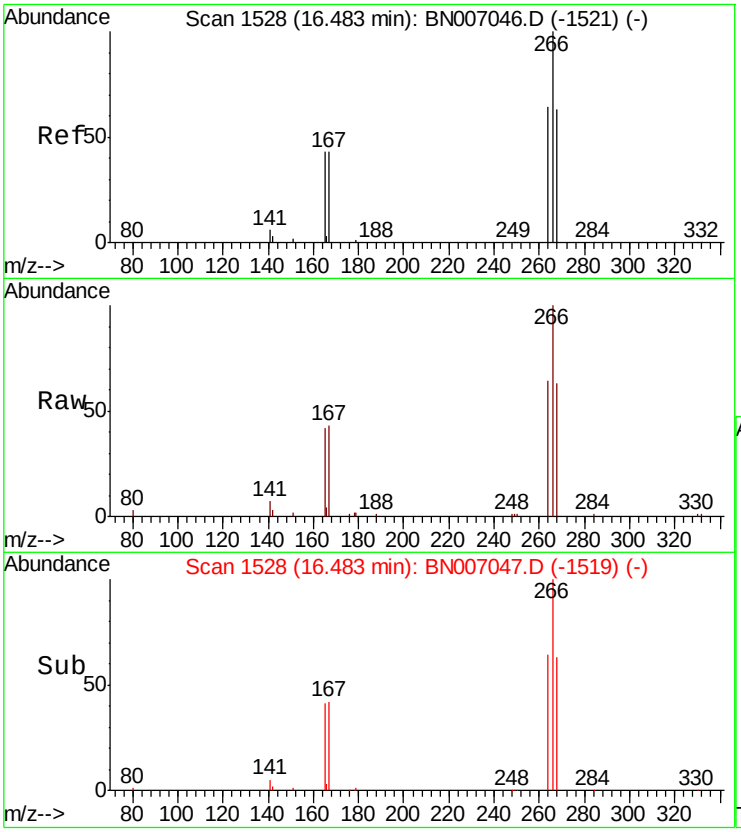


#20
Hexachlorobenzene
Concen: 0.682 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion:284 Resp: 27029

Ion	Ratio	Lower	Upper
284	100		
142	37.8	30.5	45.7
249	33.5	26.7	40.1



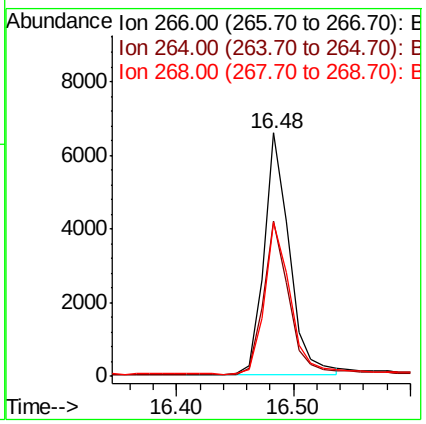


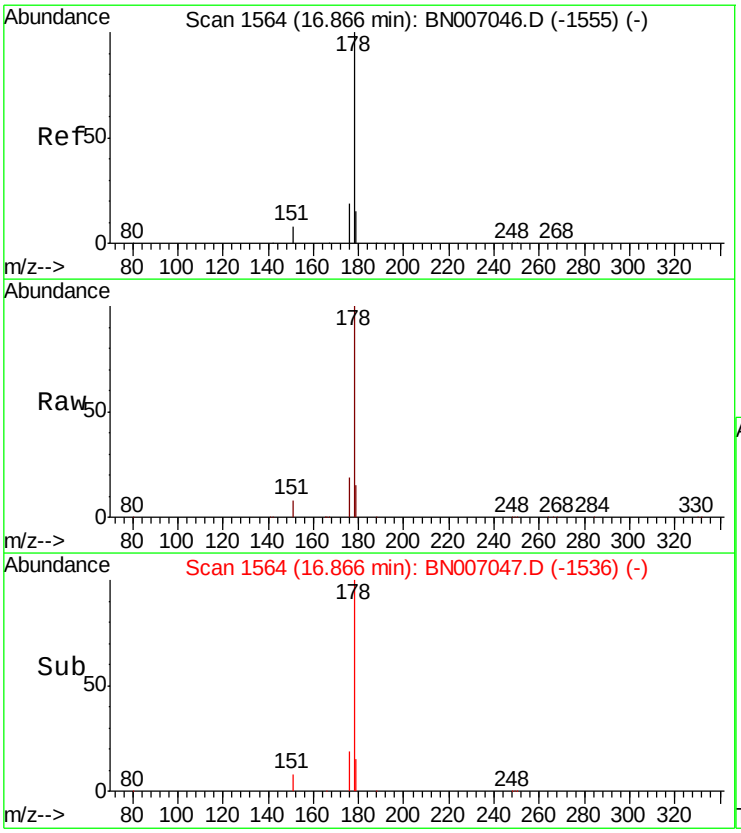
#21
Pentachlorophenol
Concen: 0.717 ng
RT: 16.48 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:266 Resp: 9888

Ion	Ratio	Lower	Upper
266	100		
264	64.0	52.3	78.5
268	63.5	51.5	77.3

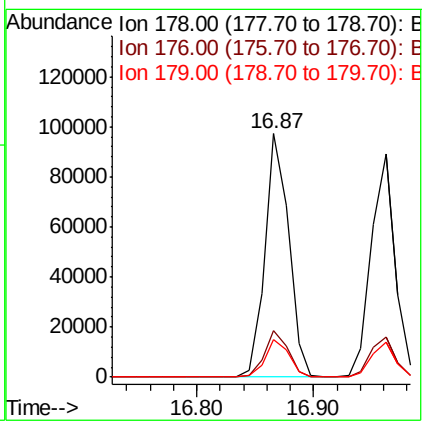


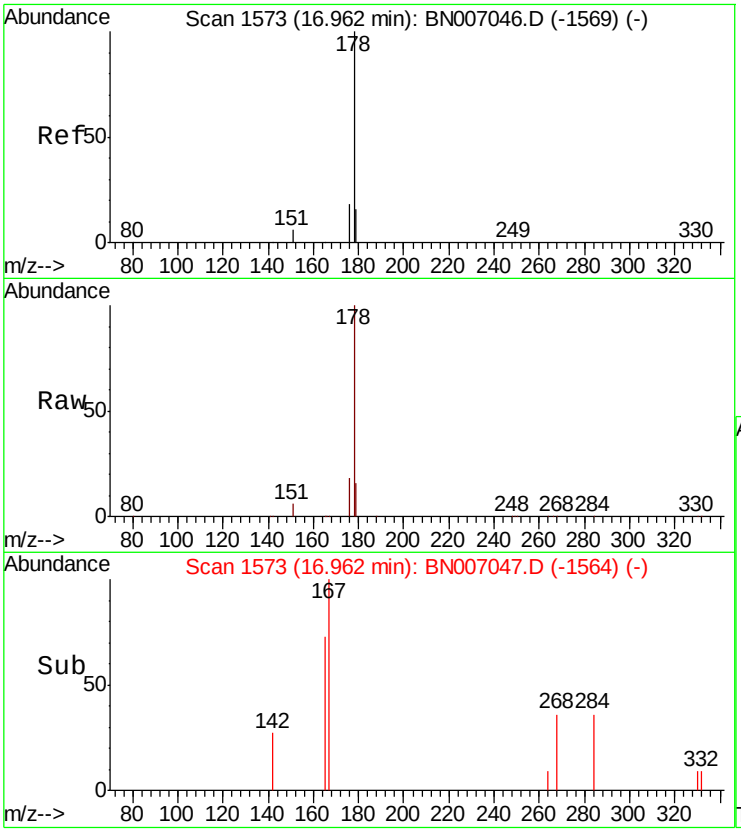


#22
Phenanthrene
Concen: 0.690 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion:178 Resp: 138209

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.3	12.3	18.5



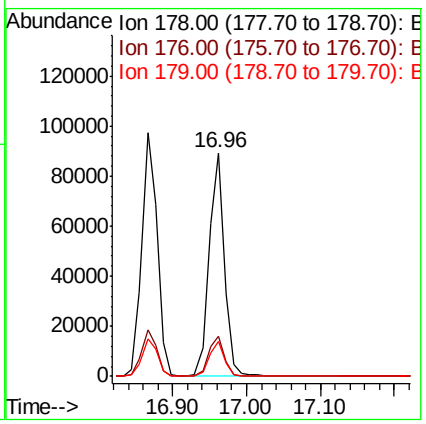


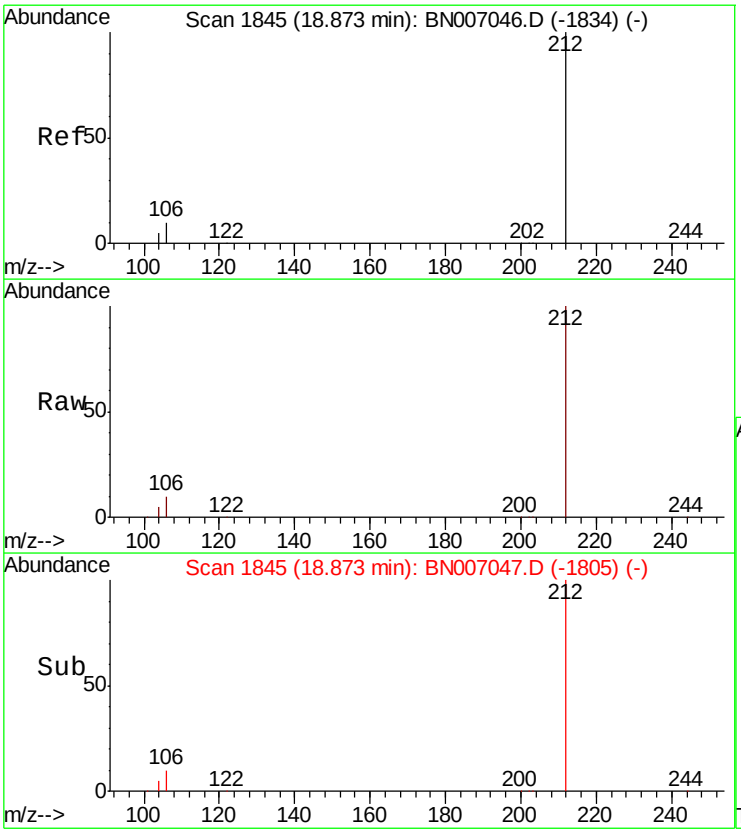
#23
Anthracene
Concen: 0.735 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 128276

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.5	12.5	18.7

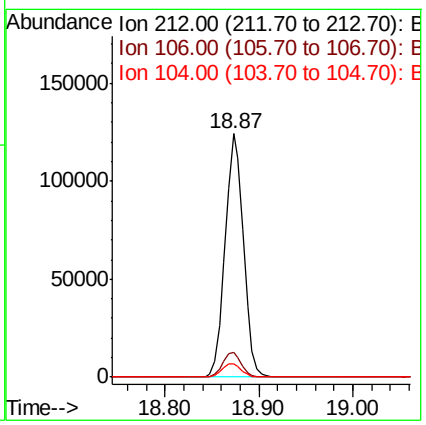


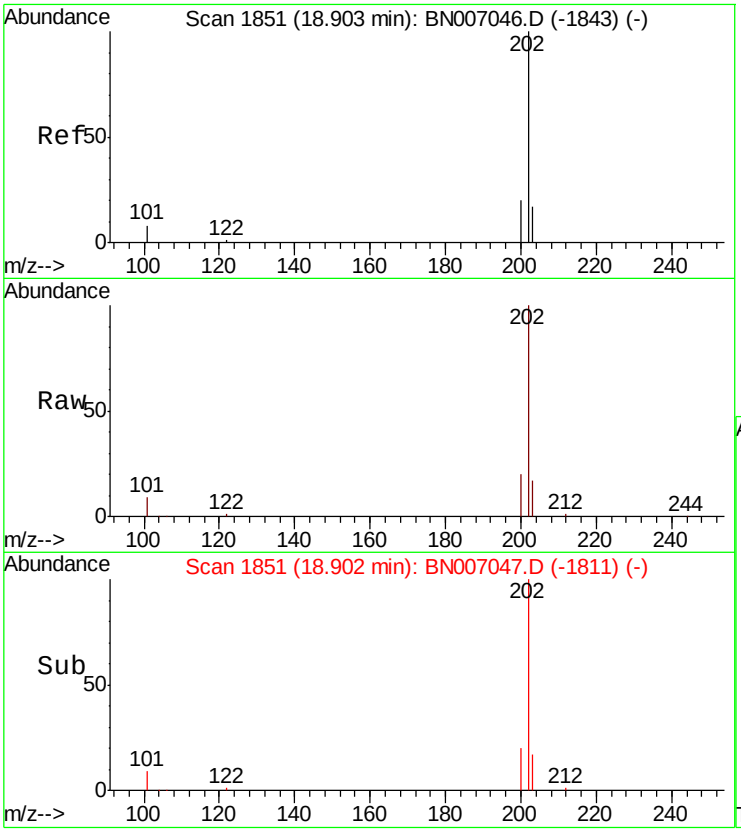


#24
Fluoranthene-d10
Concen: 0.708 ng
RT: 18.87 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion:212 Resp: 166731

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.2	12.2
104	5.6	4.5	6.7



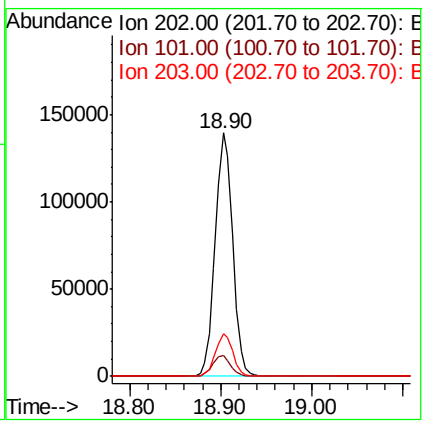


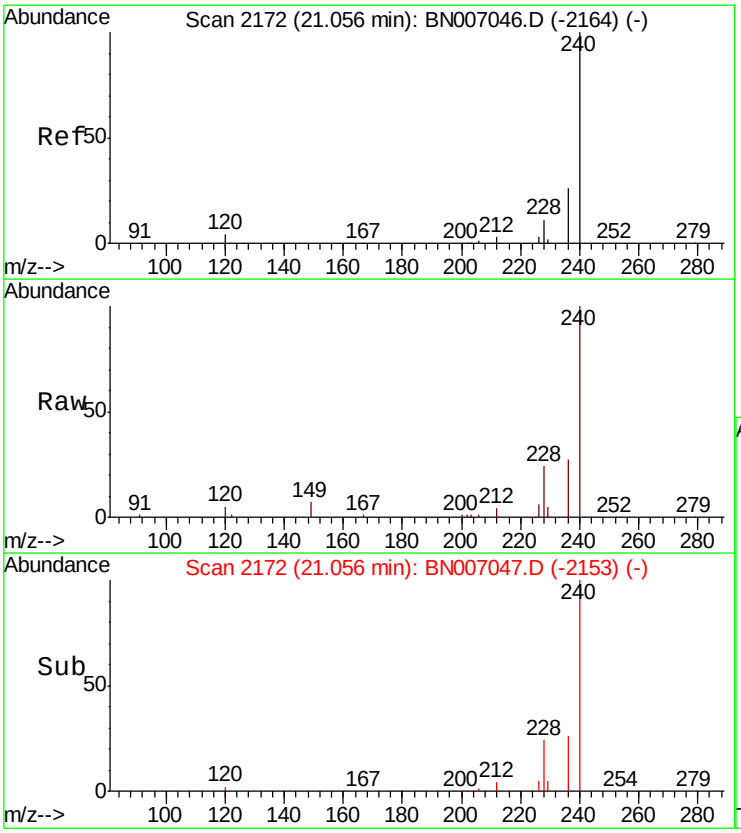
#25
Fluoranthene
Concen: 0.710 ng
RT: 18.90 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 182469

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.4
203	17.4	13.8	20.8

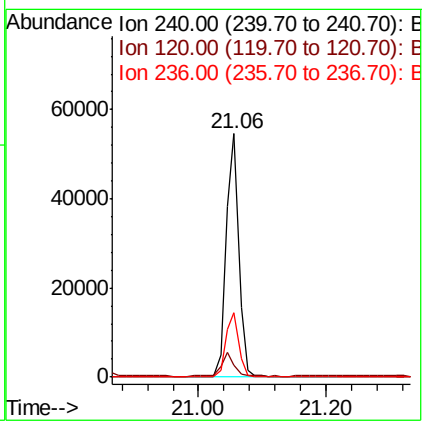


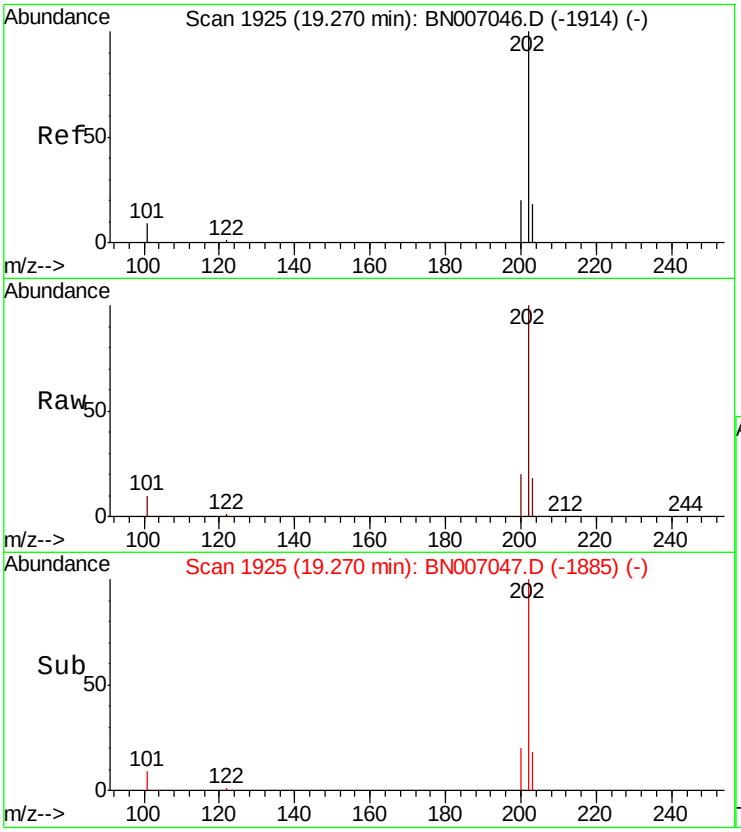


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.06 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion:240 Resp: 73865

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.0	6.0
236	26.6	21.3	31.9



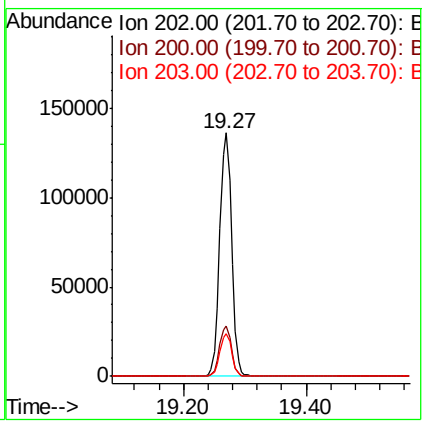


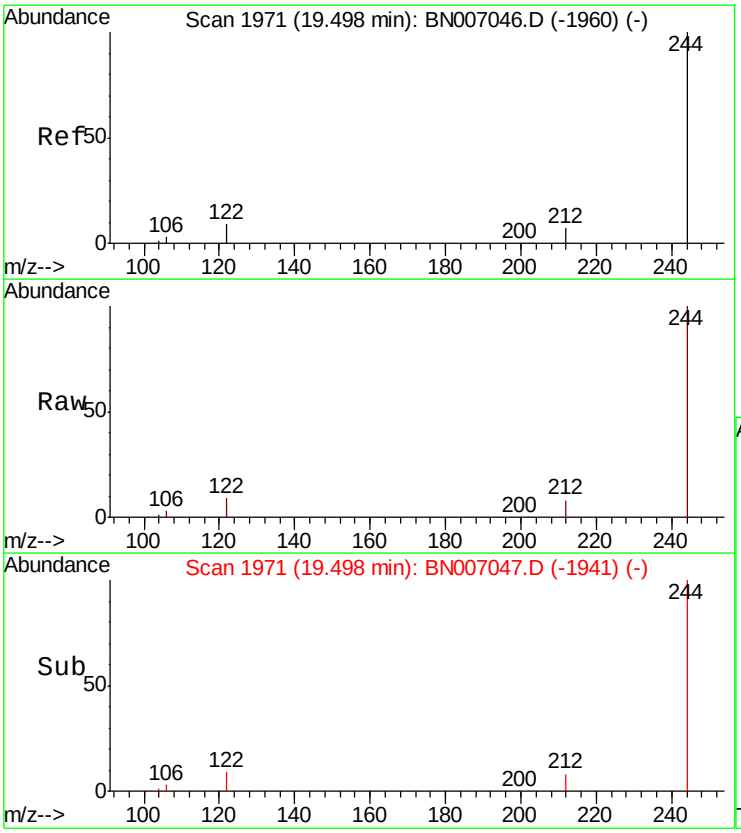
#27
Pyrene
Concen: 0.653 ng
RT: 19.27 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 182224

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.6	14.0	21.0

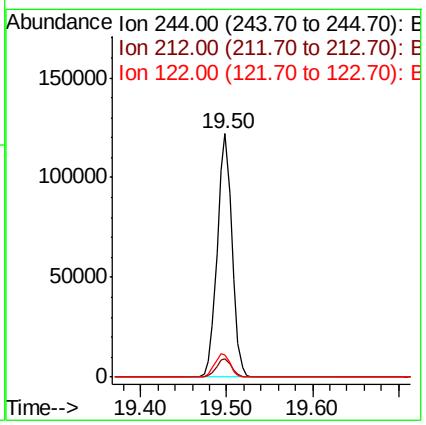


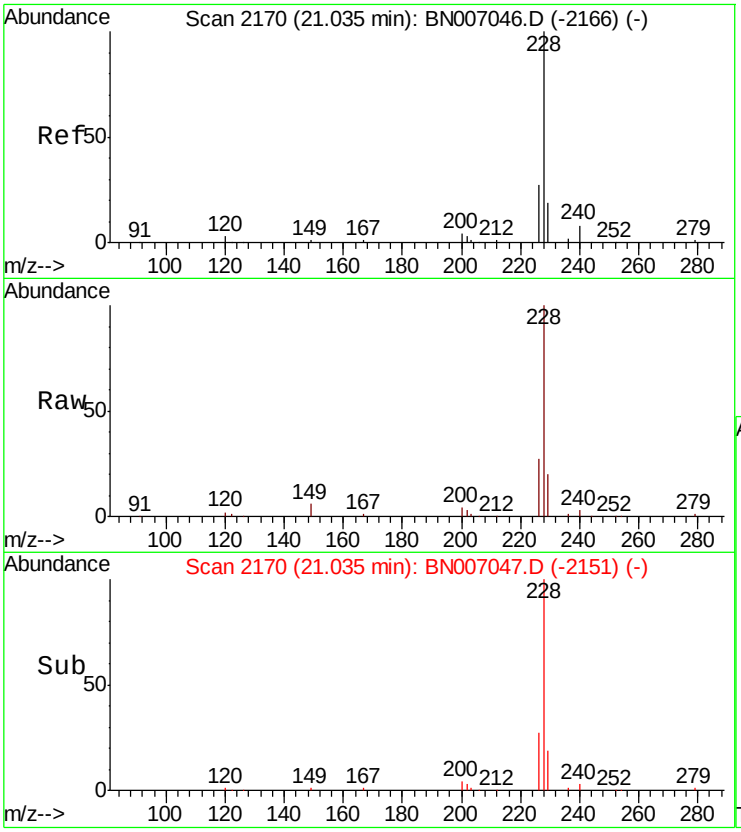


#28
Terphenyl-d14
Concen: 0.681 ng
RT: 19.50 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion:244 Resp: 145498

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	8.9	7.4	11.2



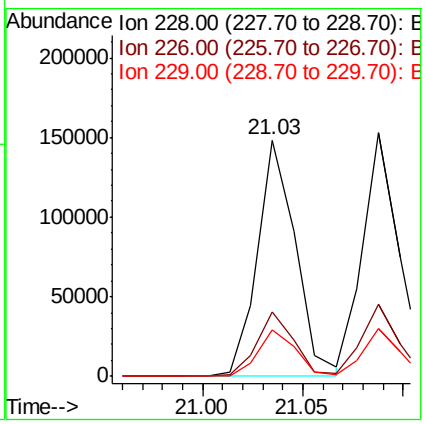


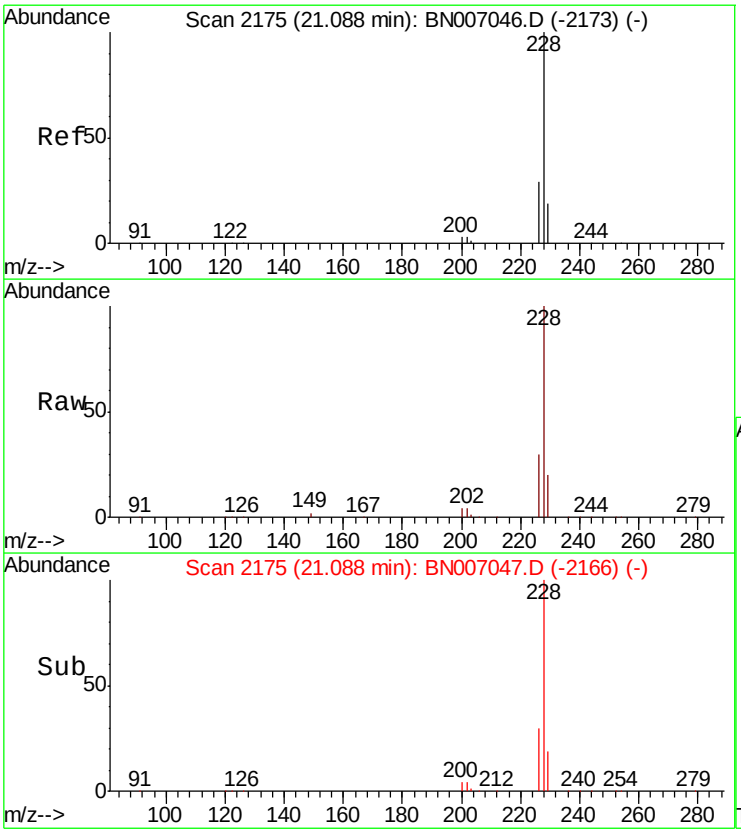
#29
Benzo(a)anthracene
Concen: 0.693 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 193700

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.6
229	19.5	15.6	23.4

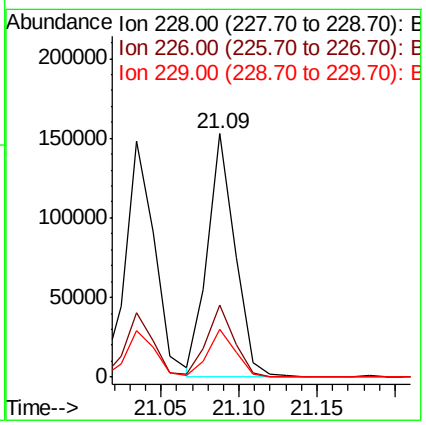


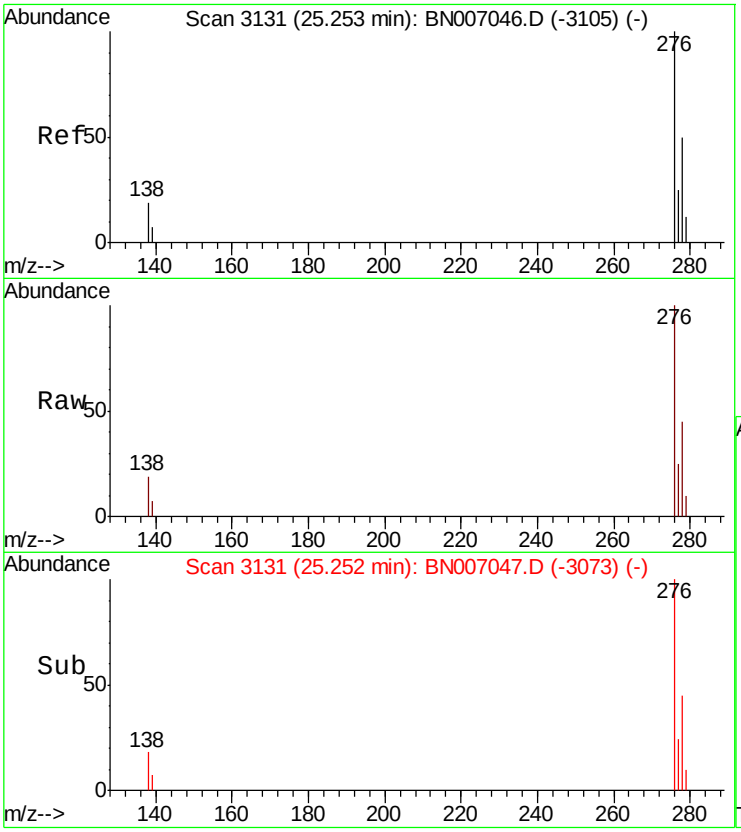


#30
Chrysene
Concen: 0.672 ng
RT: 21.09 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion:228 Resp: 185807

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.6	15.7	23.5



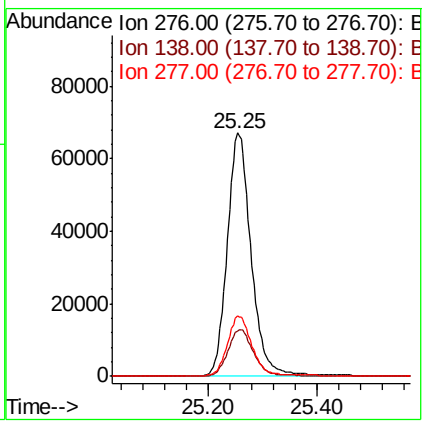


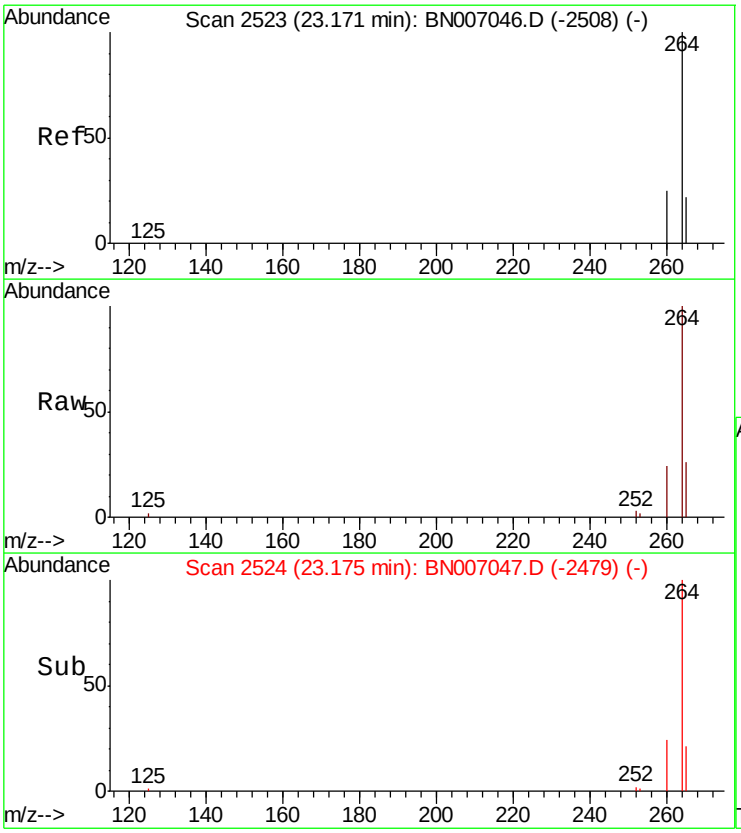
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.688 ng
RT: 25.25 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 203408

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.0	24.0
277	24.9	19.9	29.9

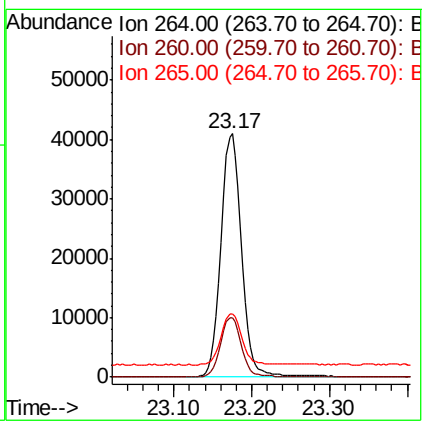


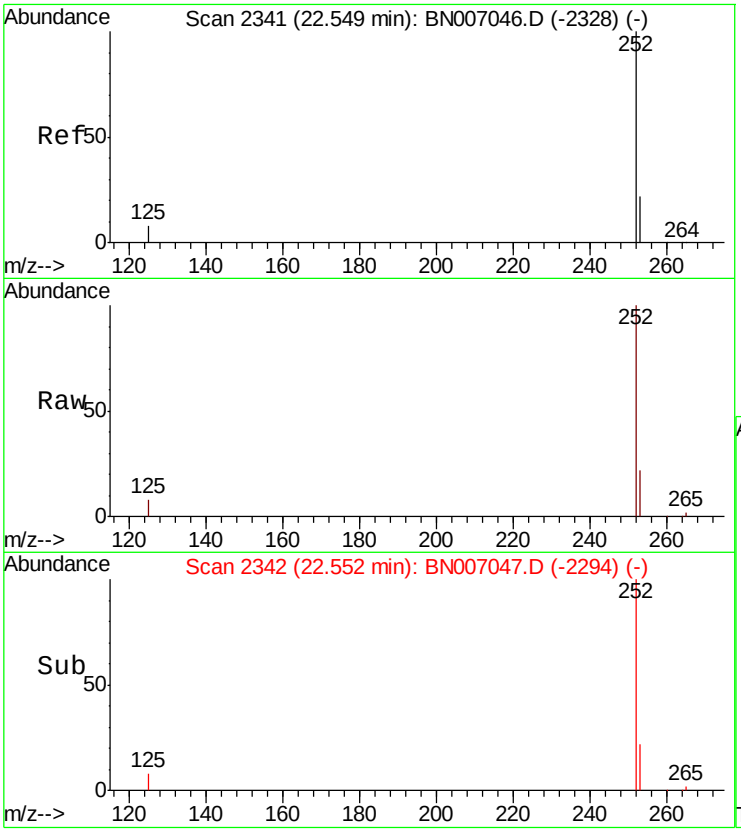


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.17 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion:264 Resp: 74288

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	26.1	26.2	39.4#



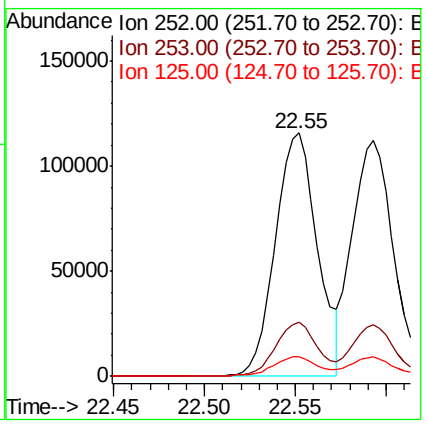


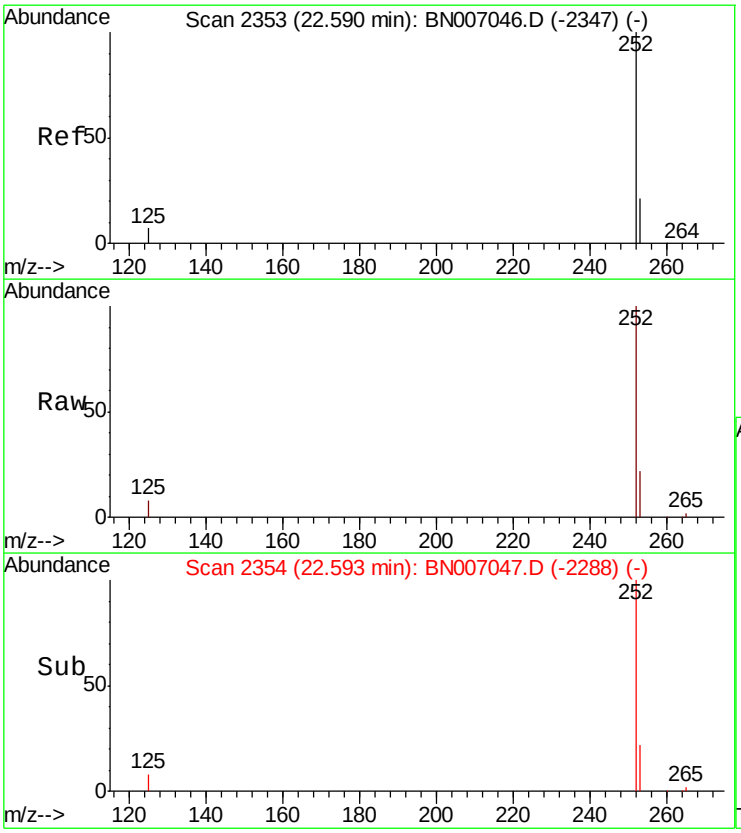
#33
Benzo(b)fluoranthene
Concen: 0.717 ng
RT: 22.55 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 185486

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	7.9	7.4	11.0

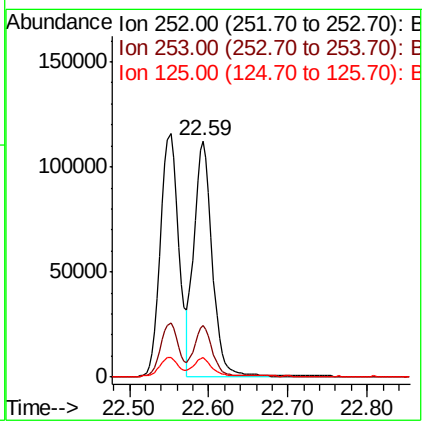


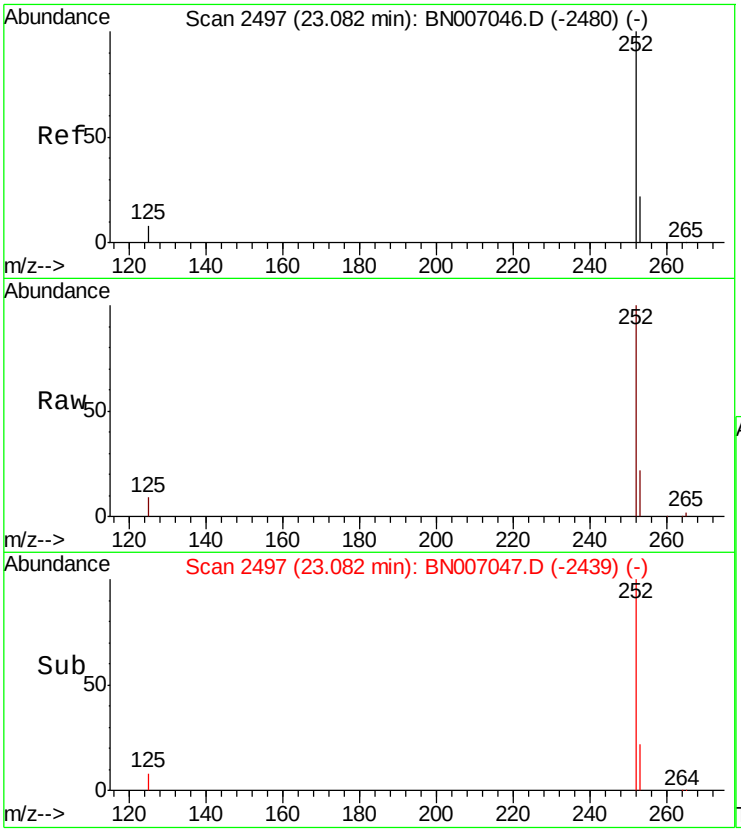


#34
Benzo(k)fluoranthene
Concen: 0.697 ng
RT: 22.59 min Scan# 2354
Delta R.T. 0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion:252 Resp: 180198

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	8.2	7.4	11.0



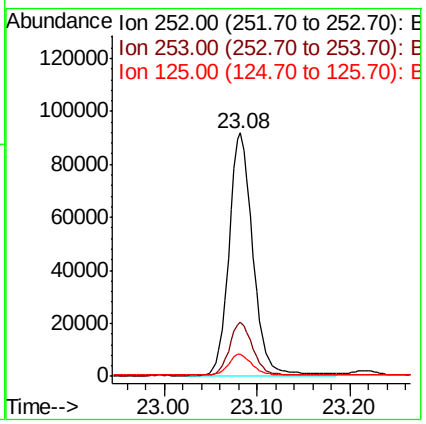


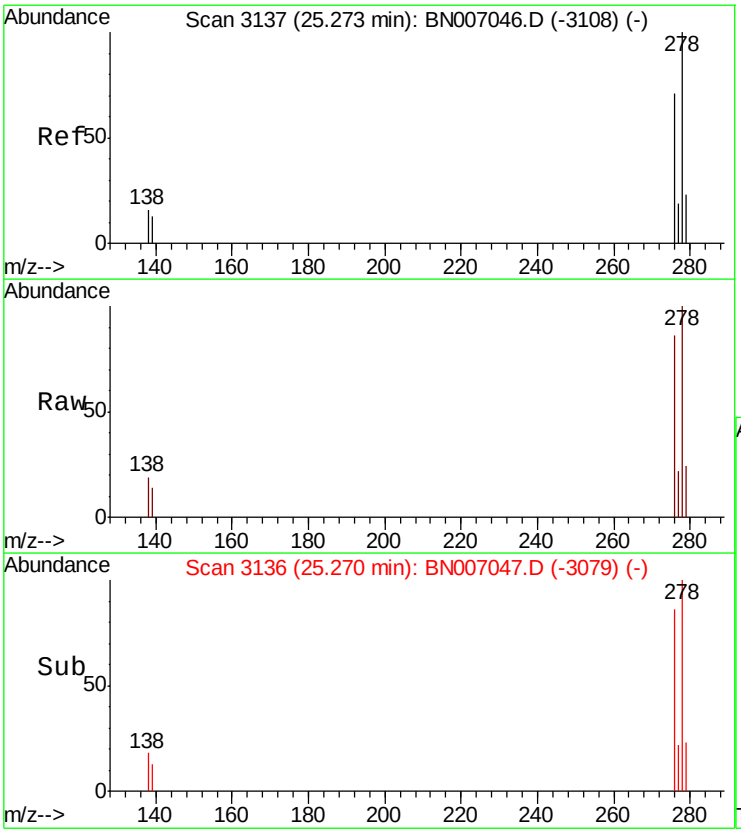
#35
Benzo(a)pyrene
Concen: 0.704 ng
RT: 23.08 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 164269

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	8.9	8.2	12.4

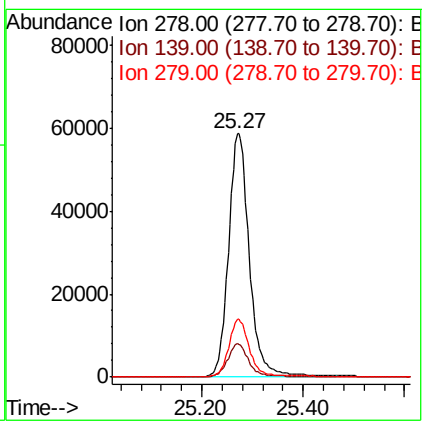


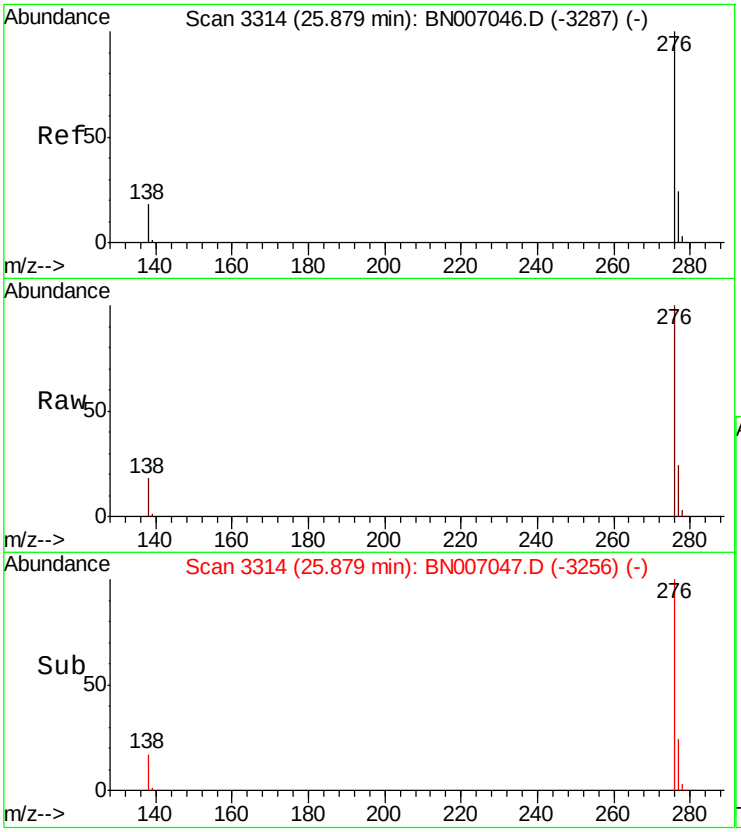


#36
Dibenzo(a,h)anthracene
Concen: 0.714 ng
RT: 25.27 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Tgt Ion:278 Resp: 166033

Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.3	16.9
279	23.7	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 0.695 ng
RT: 25.88 min Scan# 3314
Delta R.T. -0.00 min
Lab File: BN007047.D
Acq: 10 Aug 2019 13:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 168730

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.8
138	17.5	14.6	22.0