Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
Data File : BN007044.D
Acq On : 10 Aug 2019 11:18
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Aug 10 21:33:30 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	6170	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	22507	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	17727	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	66068	0.40	ng		0.00
26) Chrysene-d12	21.05	240	72452	0.40	ng		-0.01
32) Perylene-d12	23.17	264	78058	0.40	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	1870	0.12	ng		0.00
4) Phenol-d6	6.61	99	2331	0.12	ng		0.00
7) Nitrobenzene-d5	8.56	82	2140	0.12	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	5051	0.12	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	1111	0.13	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	2838	0.10	ng		0.00
24) Fluoranthene-d10	18.87	212	26085	0.11	ng		0.00
28) Terphenyl-d14	19.49	244	22476	0.11	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.37	42	427	0.121	ng	#	87
5) bis(2-Chloroethyl)ether	6.87	93	2021	0.116	ng		99
8) Naphthalene	10.24	128	7753	0.117	ng		97
9) Hexachlorobutadiene	10.55	225	1654	0.116	ng	#	99
11) 2-Methylnaphthalene	11.87	142	5422	0.117	ng		96
15) Acenaphthylene	13.79	152	10078	0.108	ng		100
16) Acenaphthene	14.14	154	6688	0.111	ng		99
17) Fluorene	15.14	166	10837	0.124	ng		100
19) 4-Bromophenyl-phenylether	16.04	248	4603	0.105	ng		98
20) Hexachlorobenzene	16.14	284	4251	0.104	ng		99
21) Pentachlorophenol	16.48	266	1580	0.111	ng		98
22) Phenanthrene	16.87	178	21867	0.105	ng		99
23) Anthracene	16.96	178	18973	0.105	ng		99
25) Fluoranthene	18.90	202	28545	0.107	ng		100
27) Pyrene	19.27	202	29178	0.107	ng		100
29) Benzo(a)anthracene	21.03	228	28608	0.104	ng		99
30) Chrysene	21.09	228	28632	0.106	ng		99
31) Indeno(1,2,3-cd)pyrene	25.25	276	31232	0.108	ng		99
33) Benzo(b)fluoranthene	22.54	252	26901	0.099	ng		97
34) Benzo(k)fluoranthene	22.59	252	26790	0.099	ng		97
35) Benzo(a)pyrene	23.08	252	25026	0.102	ng		98
36) Dibenzo(a,h)anthracene	25.27	278	25578	0.105	ng		96
37) Benzo(g,h,i)perylene	25.88	276	26107	0.102	ng		98

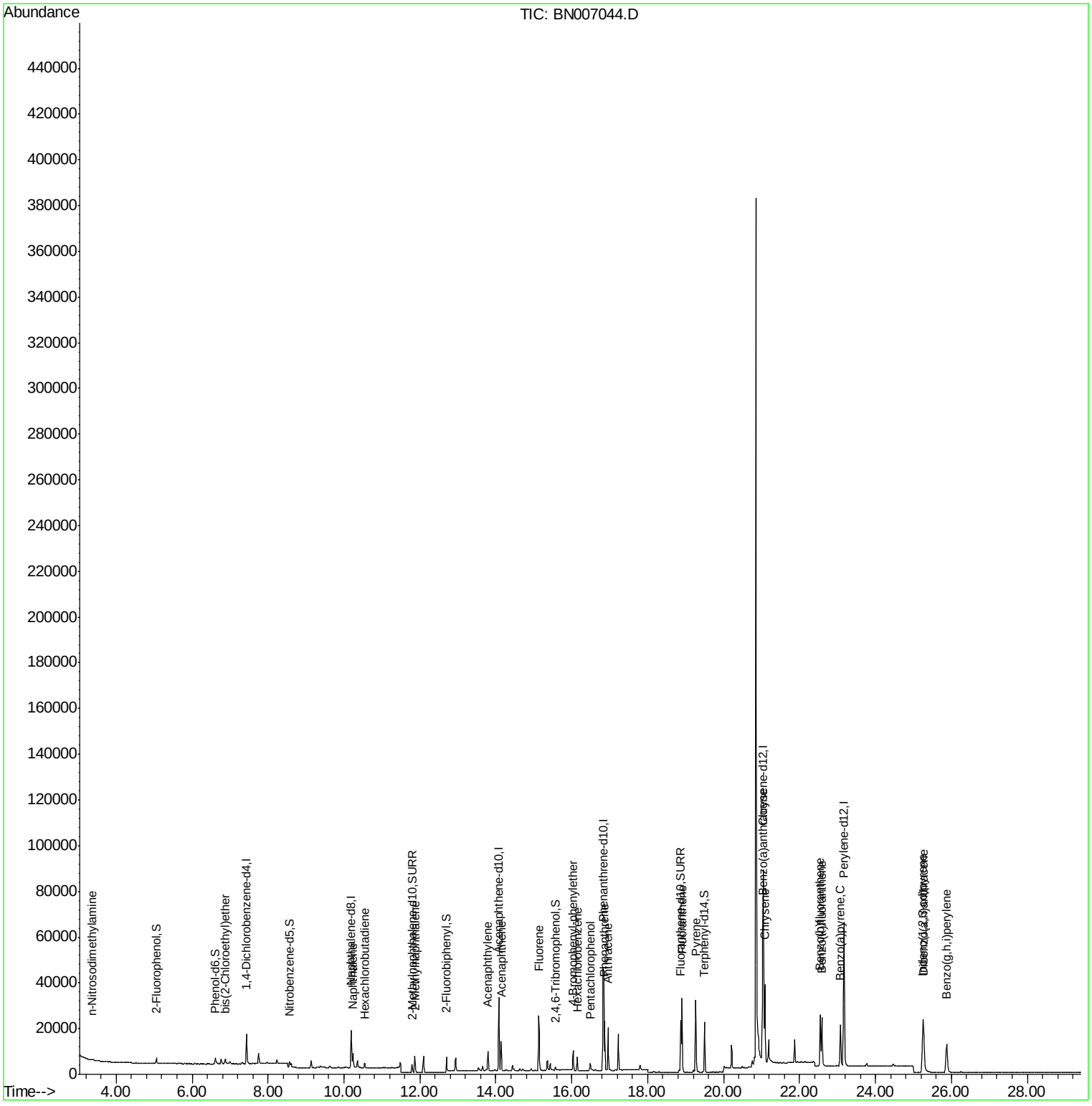
(#) = qualifier out of range (m) = manual integration (+) = signals summed

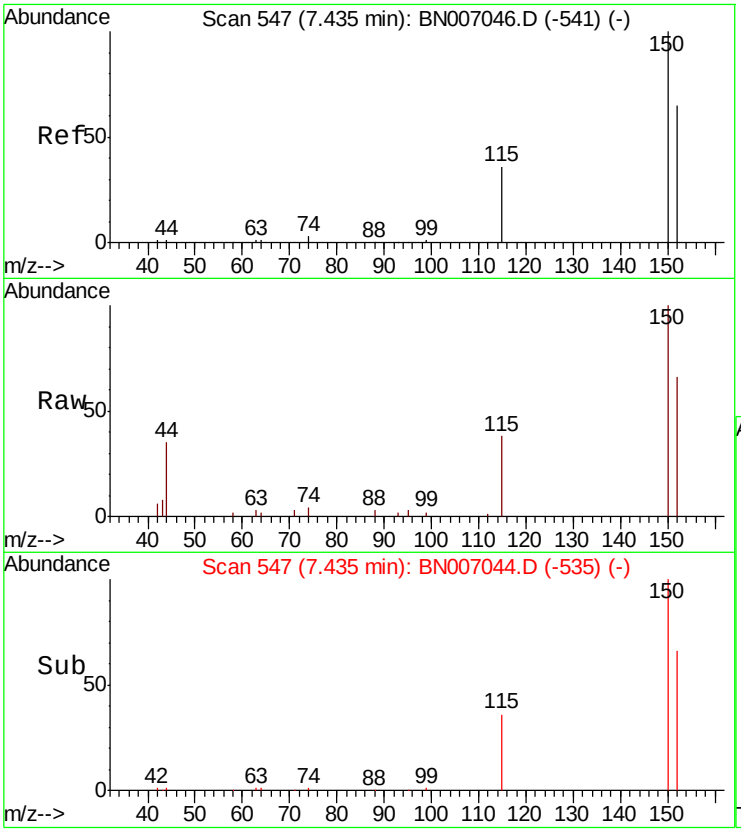
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
Data File : BN007044.D
Acq On : 10 Aug 2019 11:18
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Aug 10 21:33:30 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



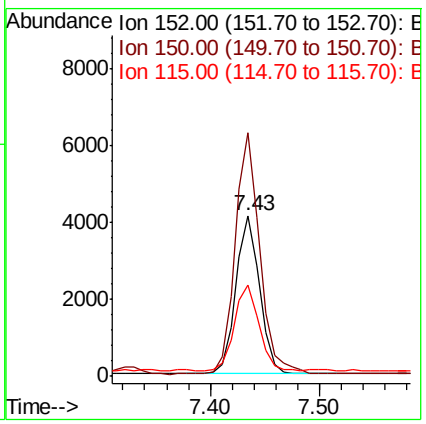


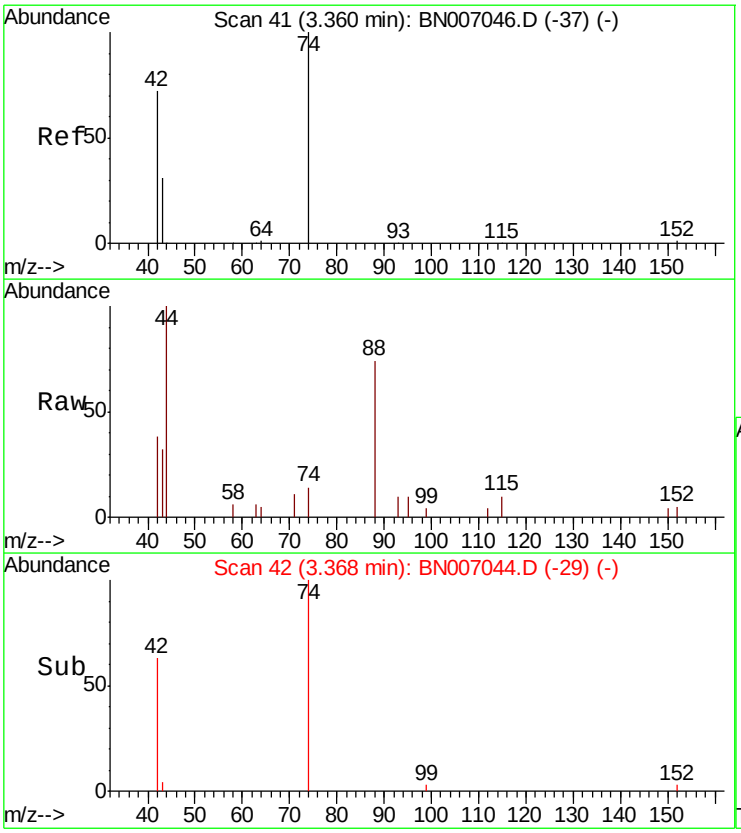
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 6170

Ion	Ratio	Lower	Upper
152	100		
150	151.4	121.7	182.5
115	56.9	46.2	69.4

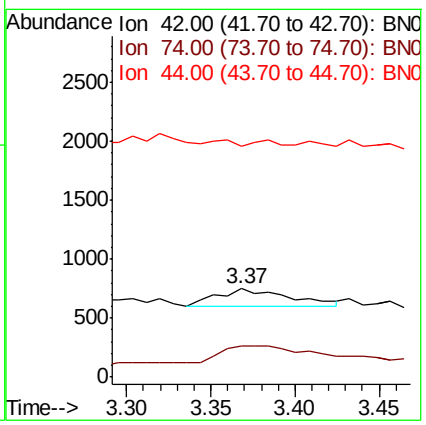


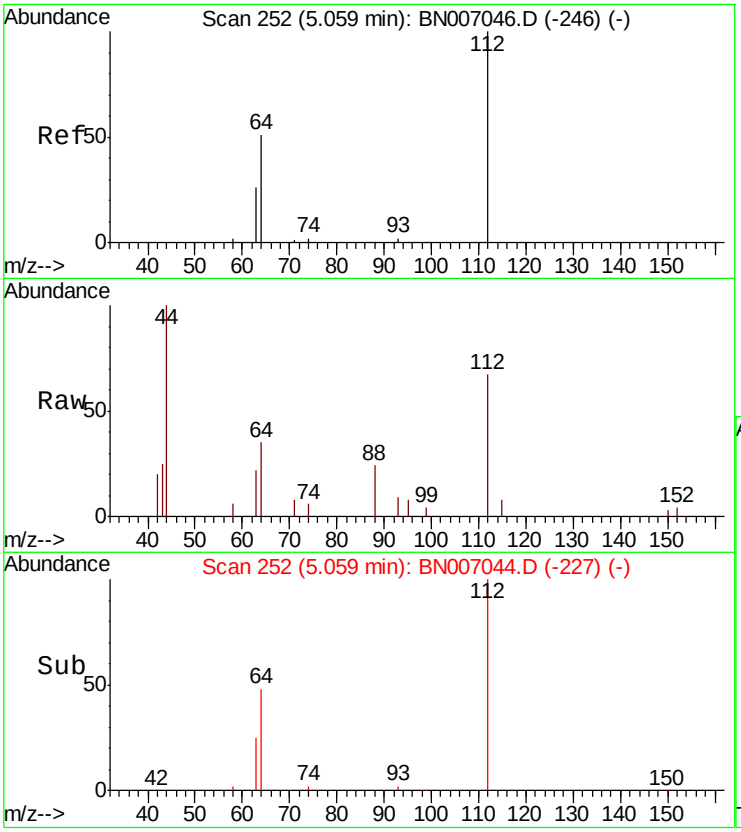


#2
n-Nitrosodimethylamine
Concen: 0.121 ng
RT: 3.37 min Scan# 42
Delta R.T. 0.01 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion: 42 Resp: 427

Ion	Ratio	Lower	Upper
42	100		
74	122.2	110.6	166.0
44	10.1	0.0	0.0#



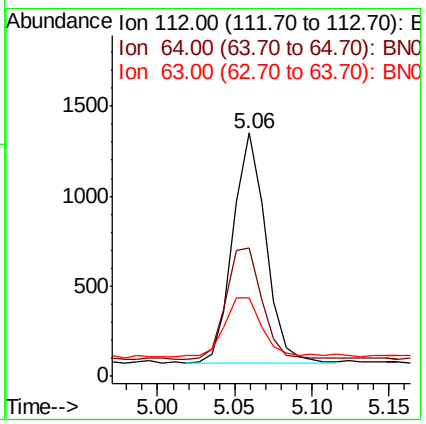


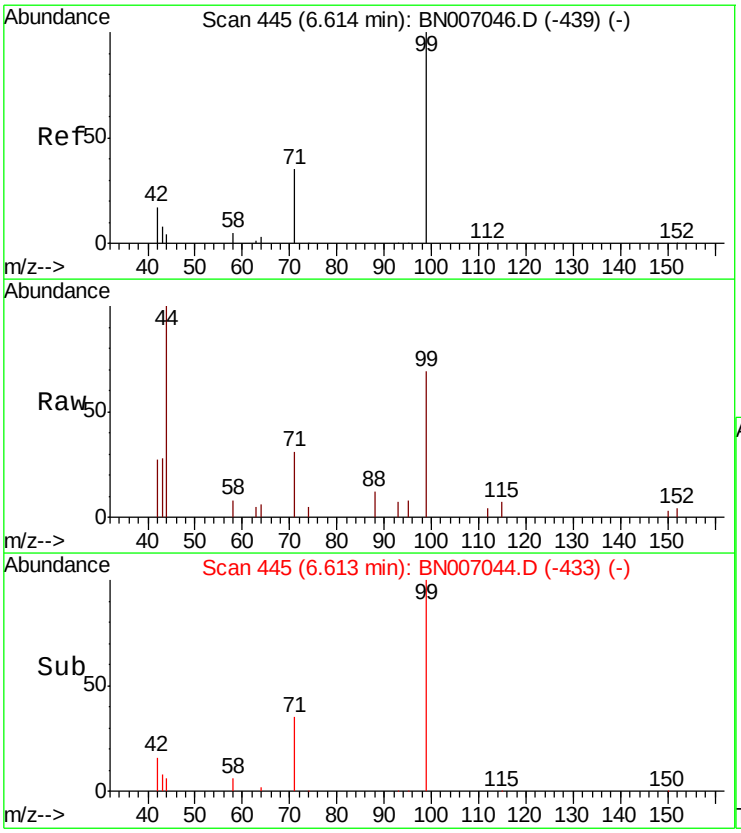
#3
2-Fluorophenol
Concen: 0.117 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:112 Resp: 1870

Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.6	63.8
63	30.7	22.2	33.2

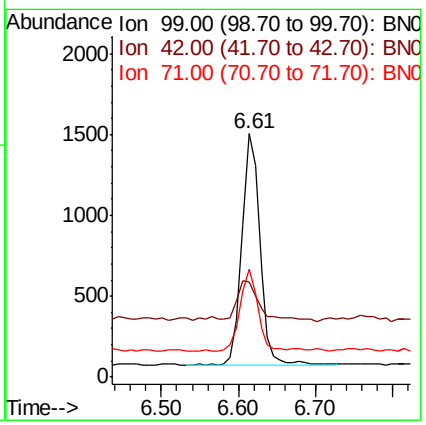


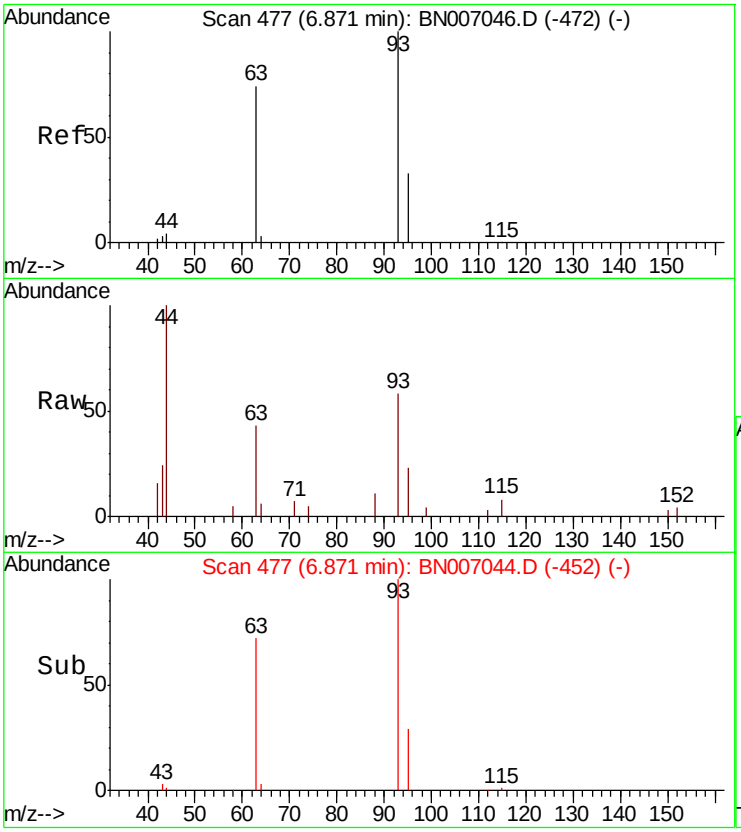


#4
Phenol-d6
Concen: 0.120 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion: 99 Resp: 2331

Ion	Ratio	Lower	Upper
99	100		
42	23.0	15.8	23.6
71	35.5	27.0	40.4



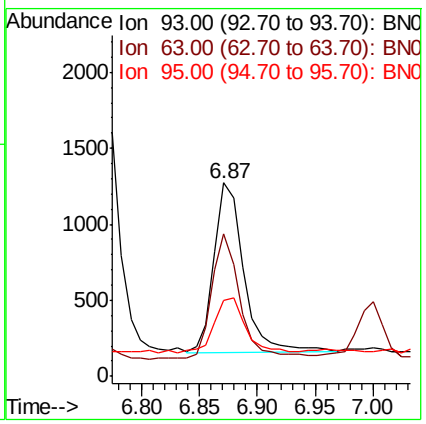


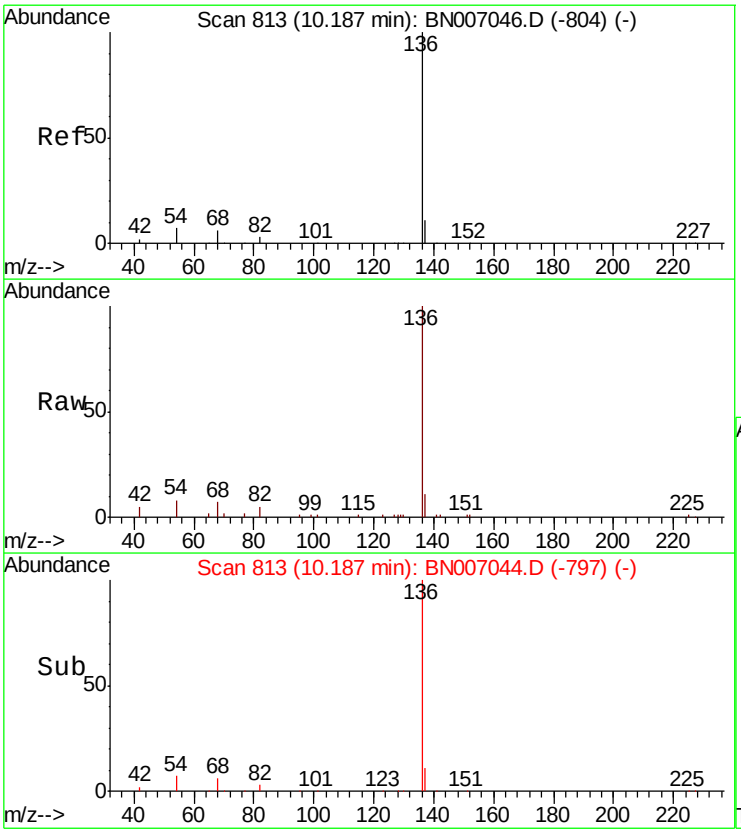
#5
bis(2-Chloroethyl)ether
Concen: 0.116 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 93 Resp: 2021

Ion	Ratio	Lower	Upper
93	100		
63	69.5	55.6	83.4
95	34.2	26.7	40.1

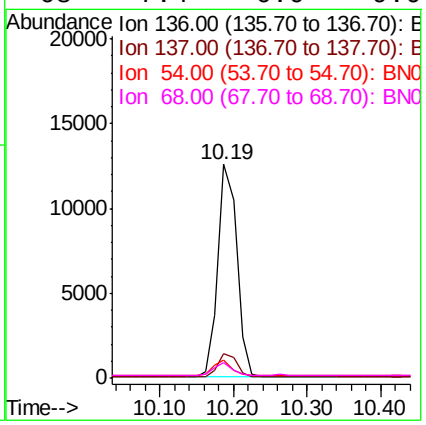


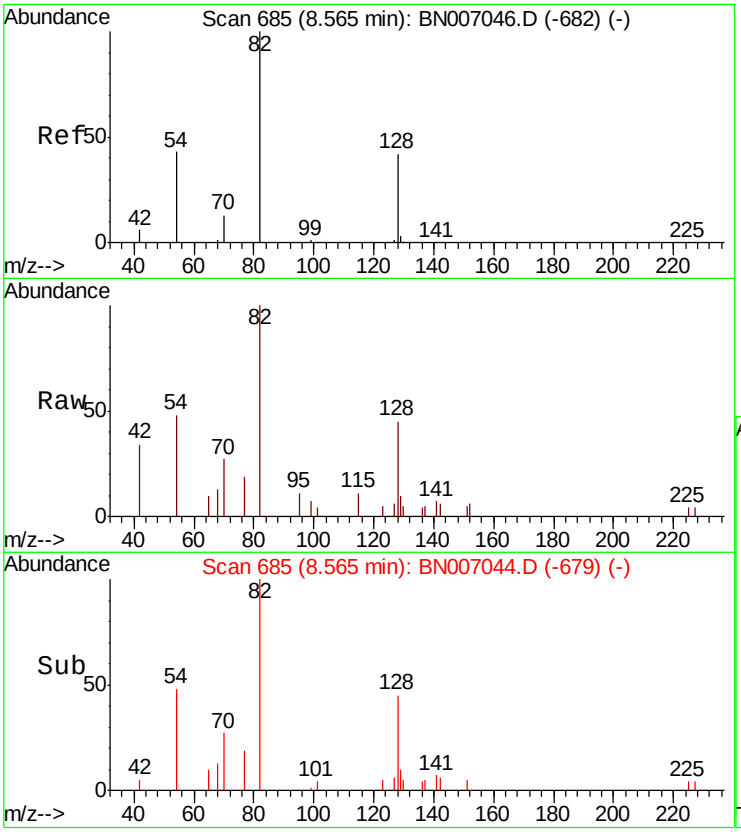


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion:136 Resp: 22507

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	8.2	6.6	9.8
68	7.4	6.0	9.0



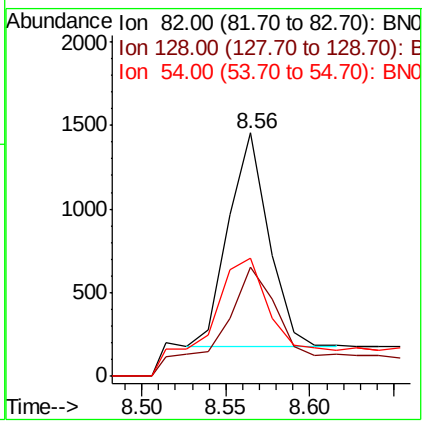


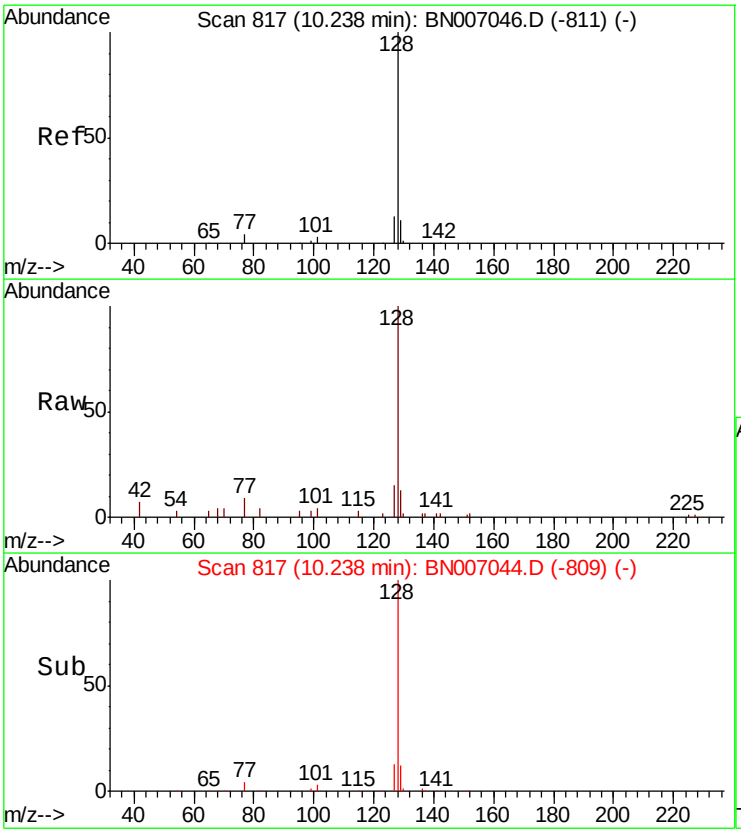
#7
Nitrobenzene-d5
Concen: 0.122 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 2140

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	48.4	36.2	54.4

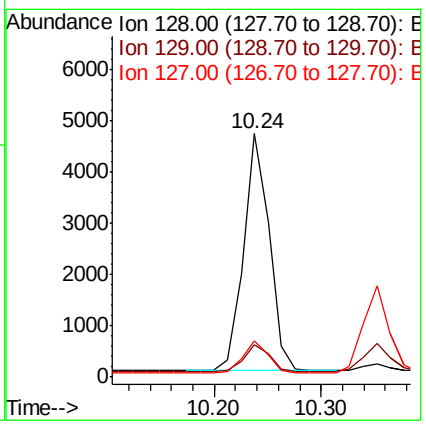


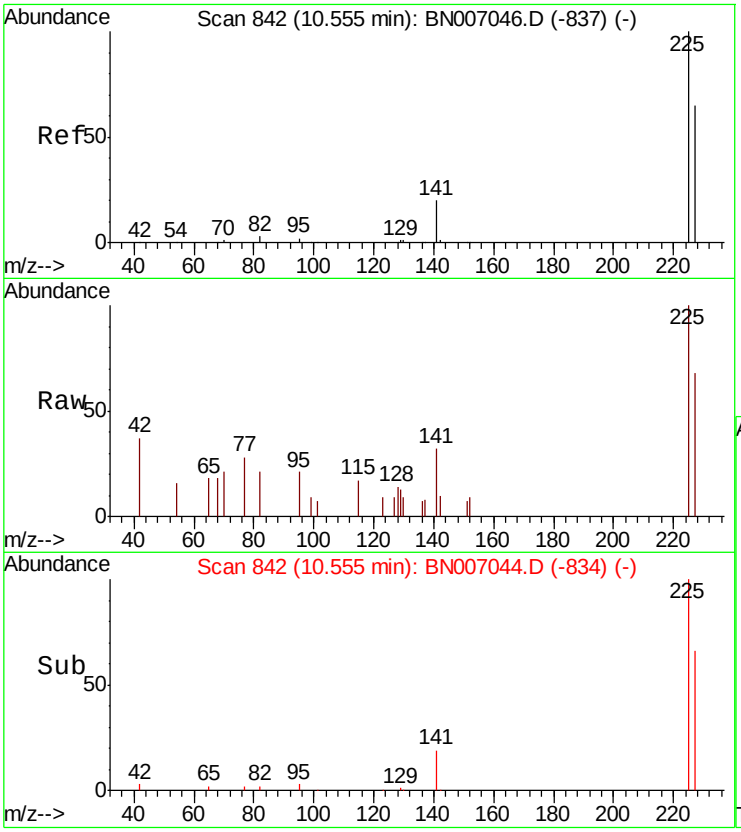


#8
Naphthalene
Concen: 0.117 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion:128 Resp: 7753

Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.4	14.2
127	14.7	11.0	16.6



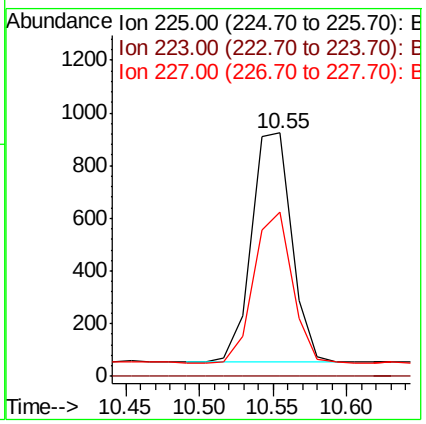


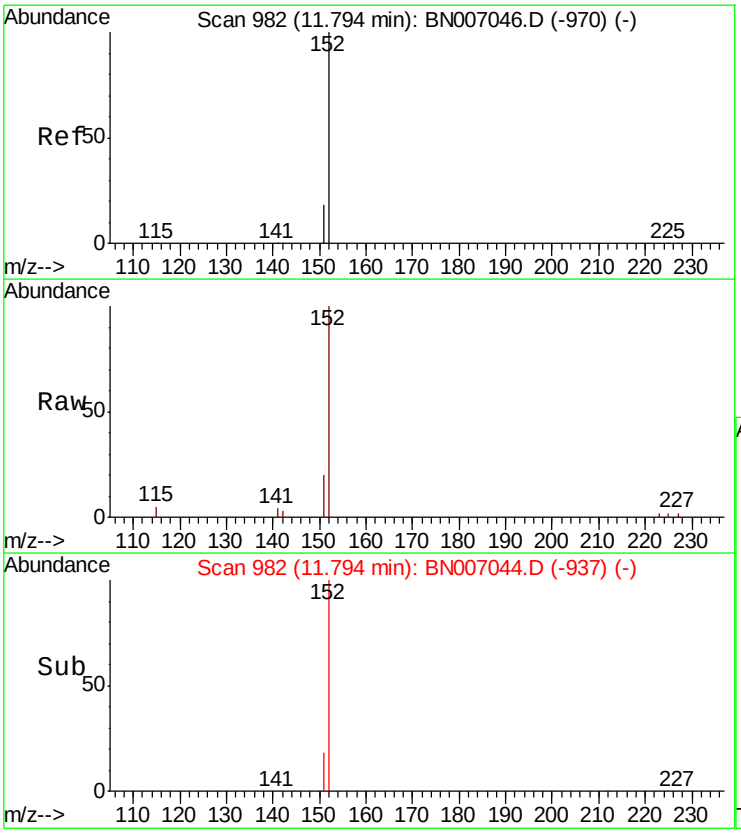
#9
Hexachlorobutadiene
Concen: 0.116 ng
RT: 10.55 min Scan# 842
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:225 Resp: 1654

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

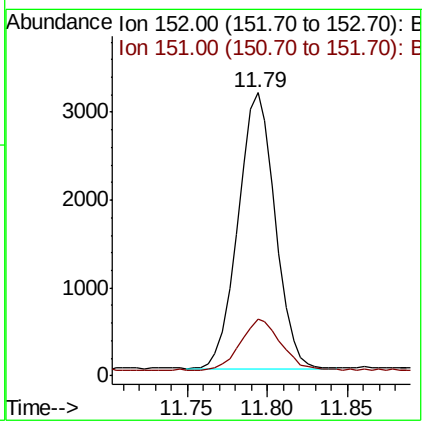


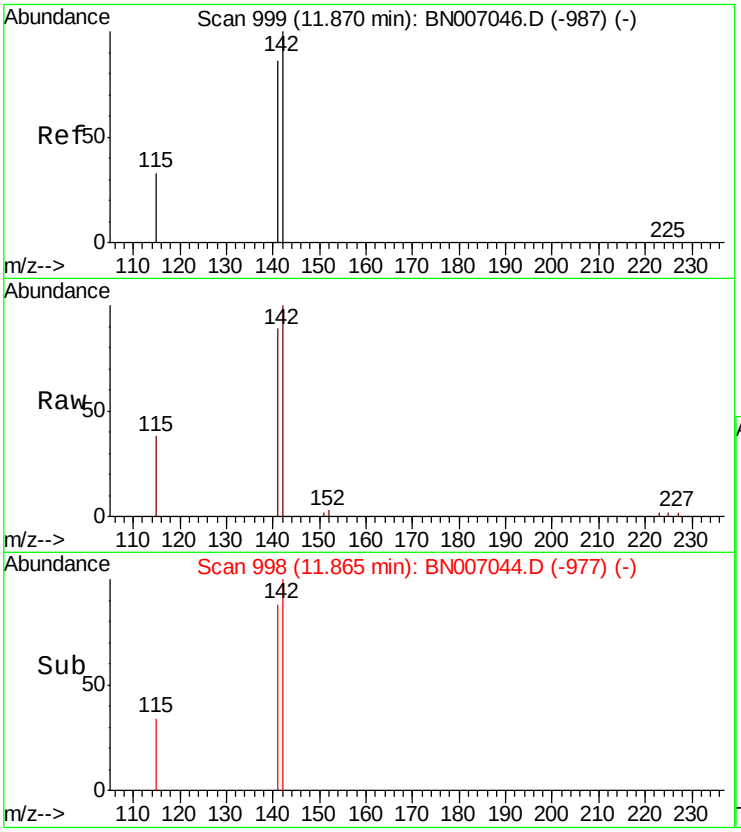


#10
2-Methylnaphthalene-d10
Concen: 0.117 ng
RT: 11.79 min Scan# 982
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion:152 Resp: 5051

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.5	23.3



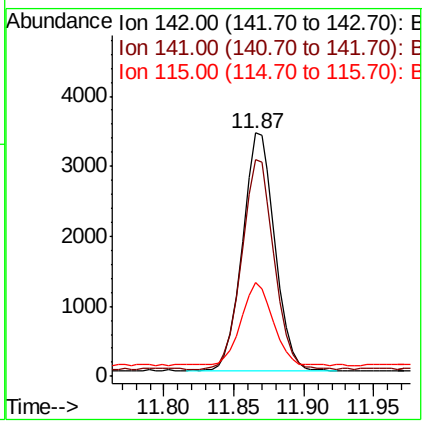


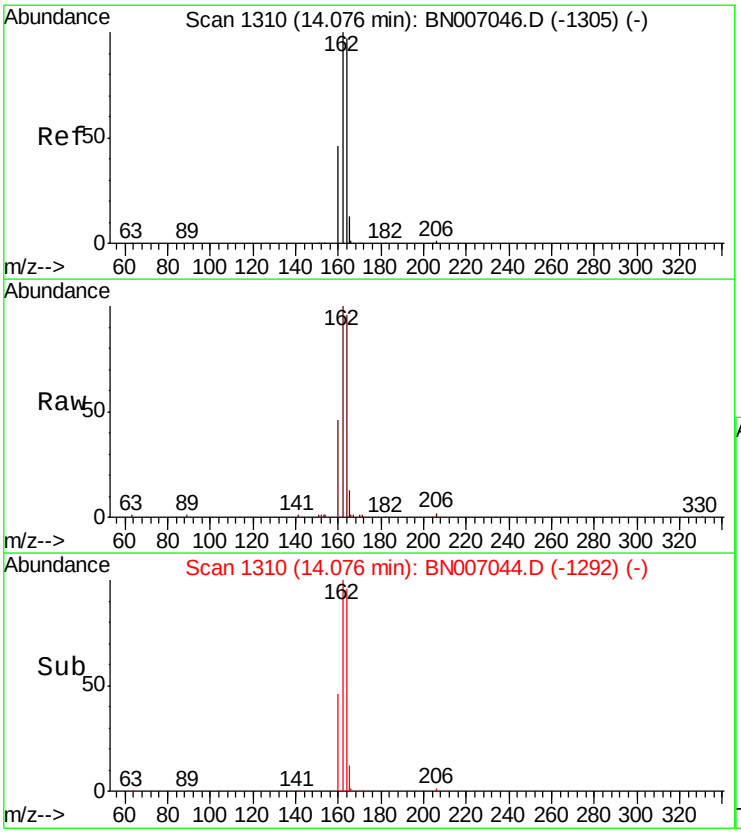
#11
2-Methylnaphthalene
Concen: 0.117 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 5422

Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.0	103.6
115	38.4	27.1	40.7

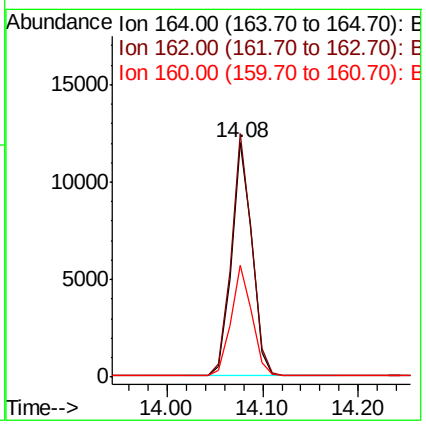


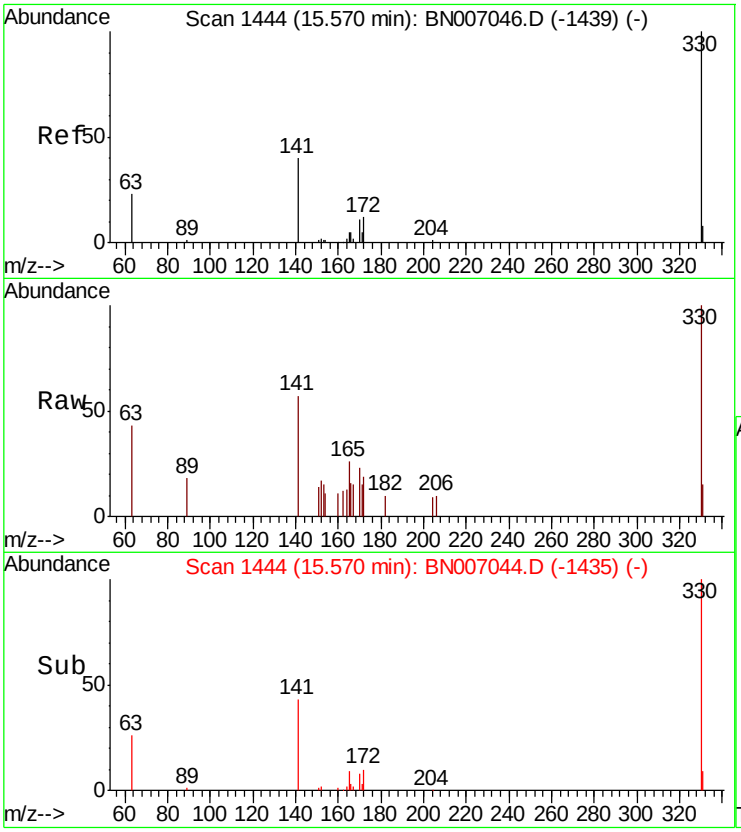


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion:164 Resp: 17727

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.2	123.4
160	47.9	38.3	57.5



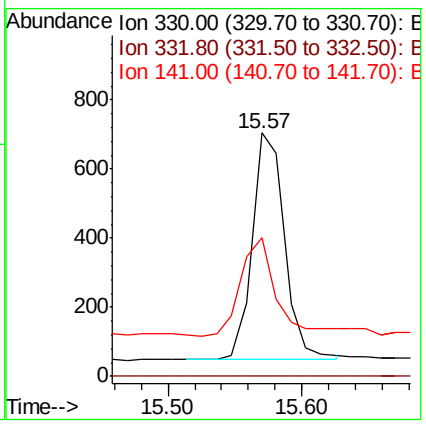


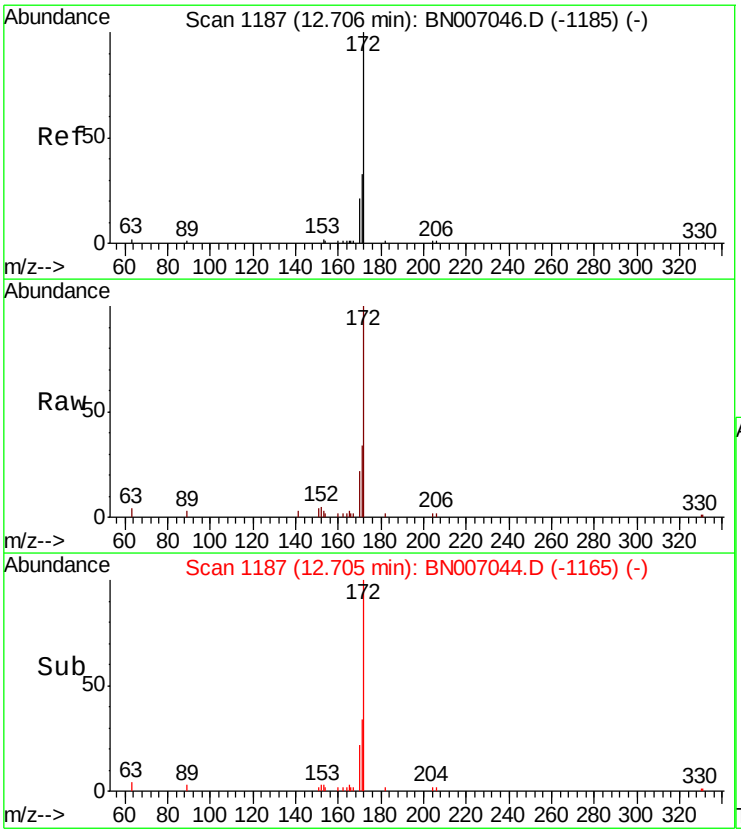
#13
2,4,6-Tribromophenol
Concen: 0.133 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 1111

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.6	33.6	50.4

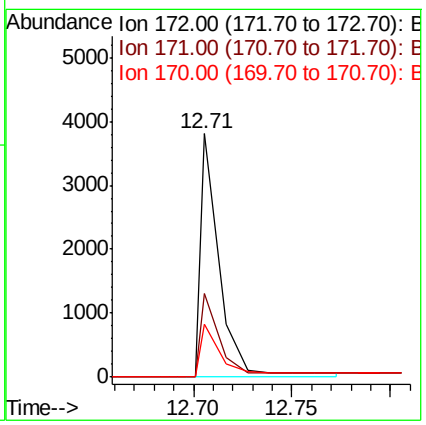


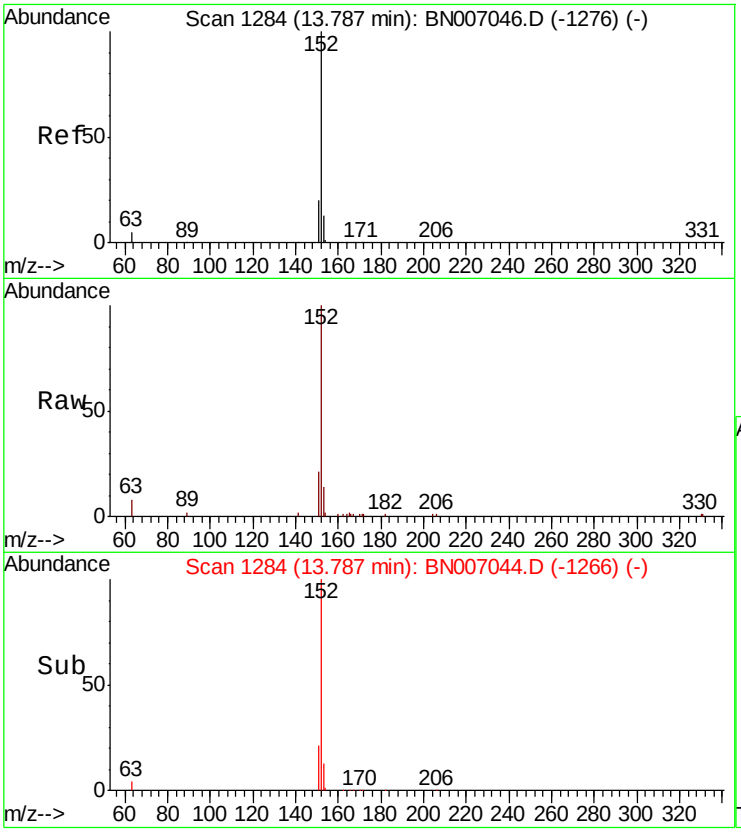


#14
2-Fluorobiphenyl
Concen: 0.096 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion:172 Resp: 2838

Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.3	39.5
170	21.6	17.0	25.4



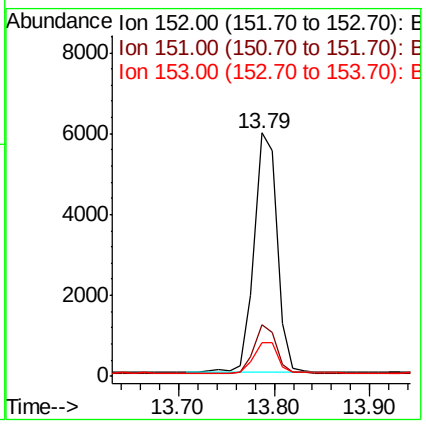


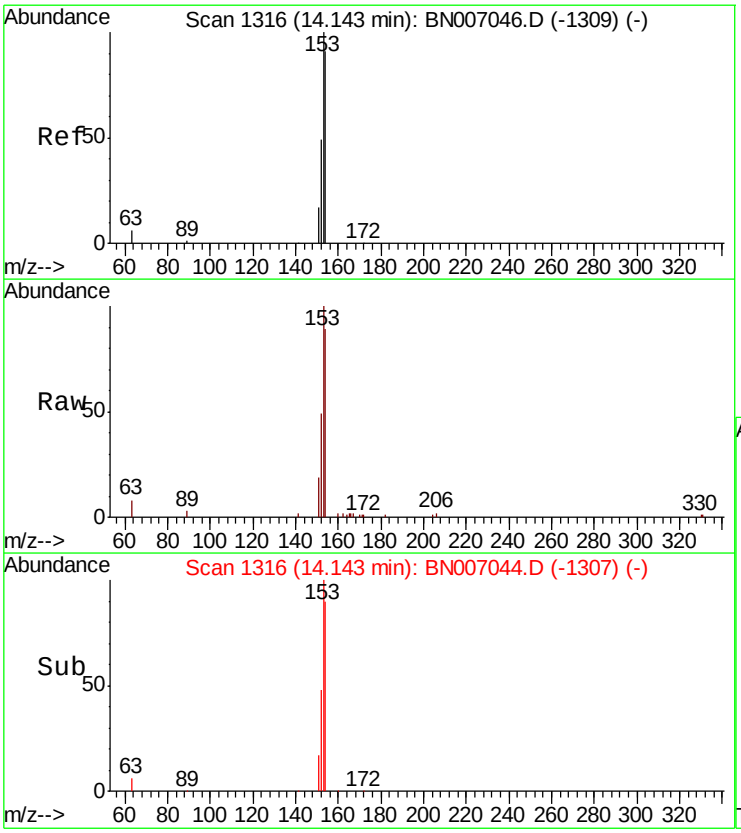
#15
Acenaphthylene
Concen: 0.108 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 10078

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.1	10.4	15.6

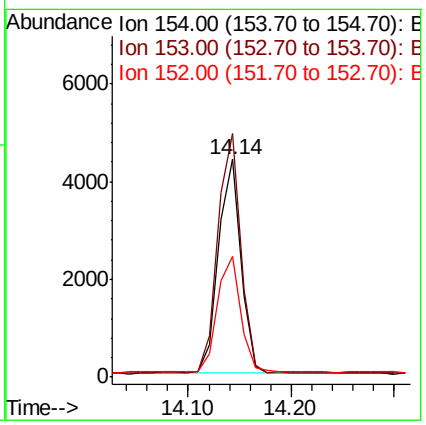


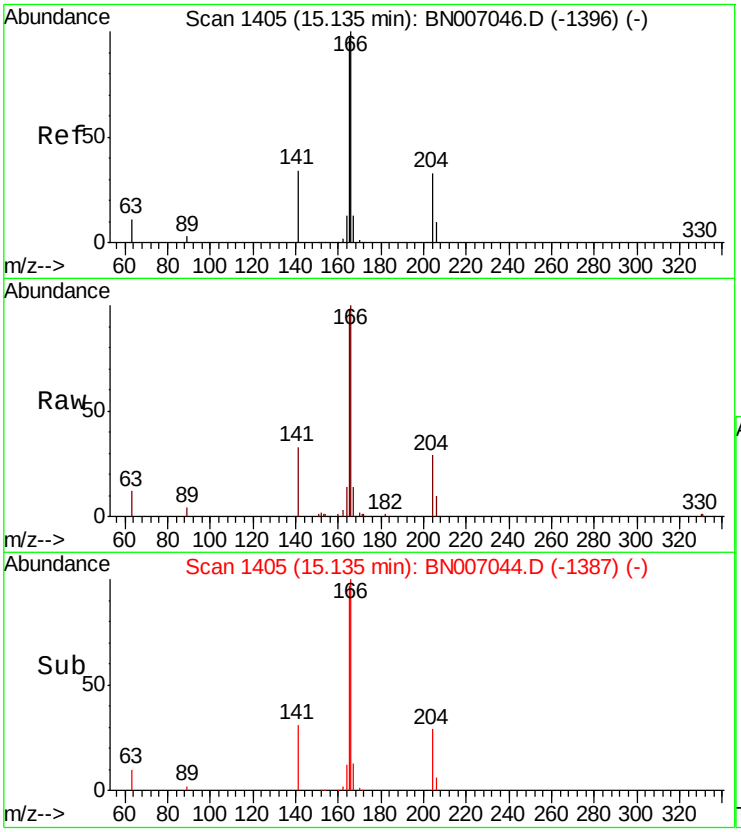


#16
Acenaphthene
Concen: 0.111 ng
RT: 14.14 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion:154 Resp: 6688

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.5	134.3
152	56.3	44.8	67.2



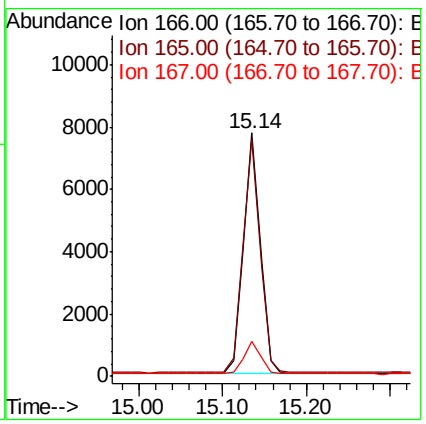


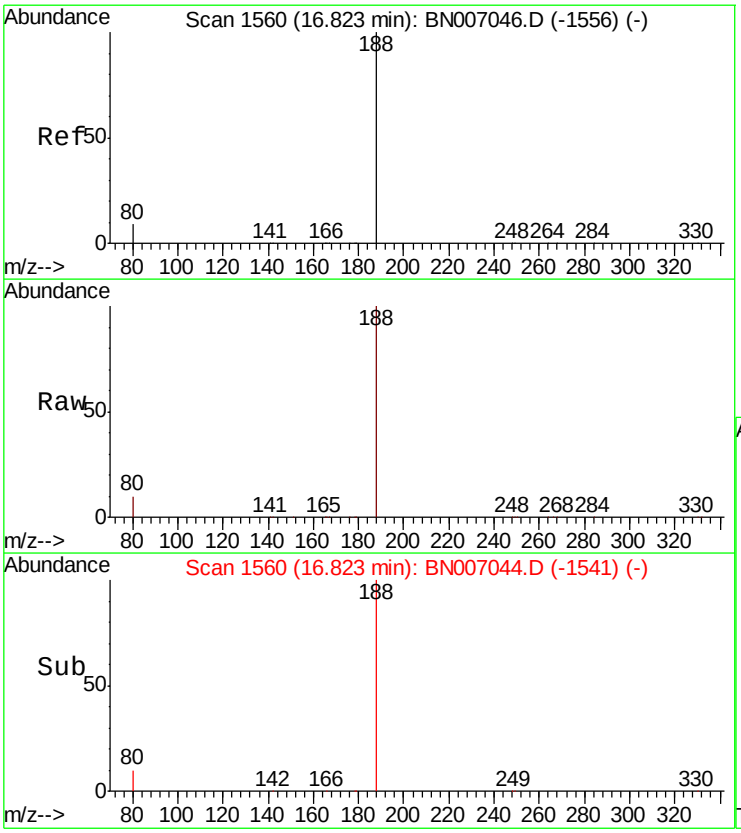
#17
Fluorene
Concen: 0.124 ng
RT: 15.14 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 10837

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.9	116.9
167	13.8	10.9	16.3

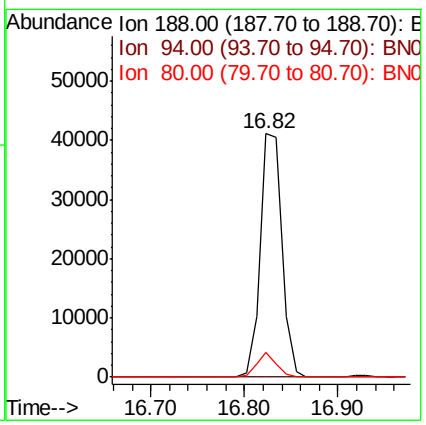


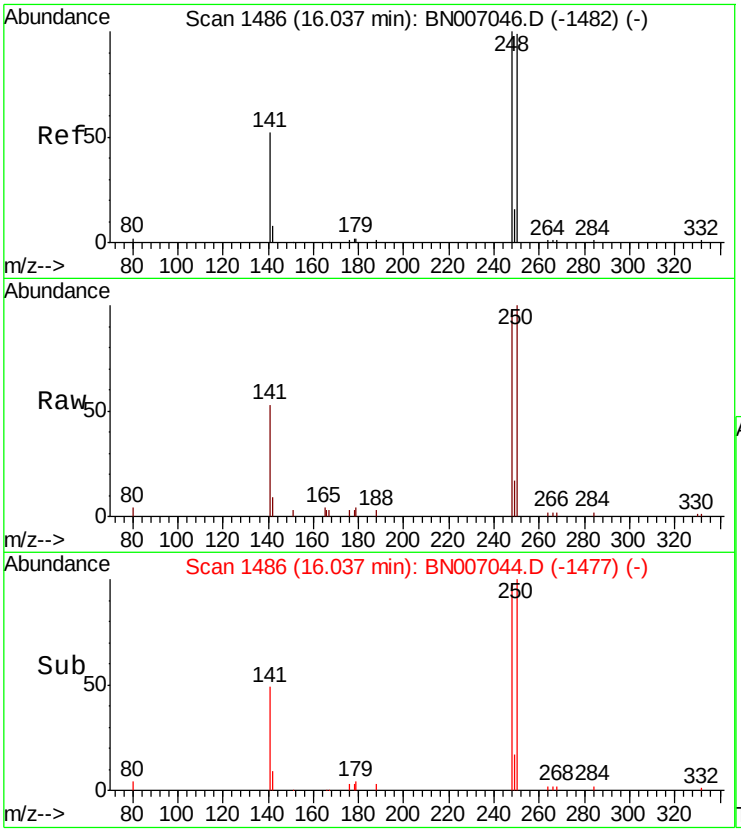


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion:188 Resp: 66068

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	7.8	11.6



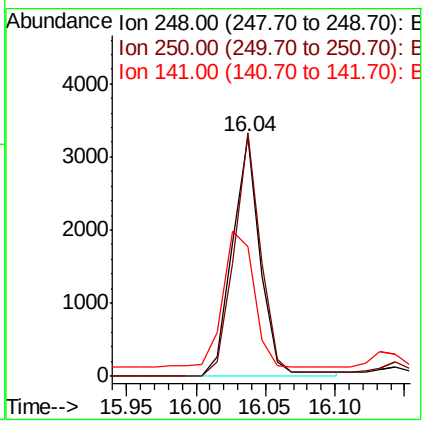


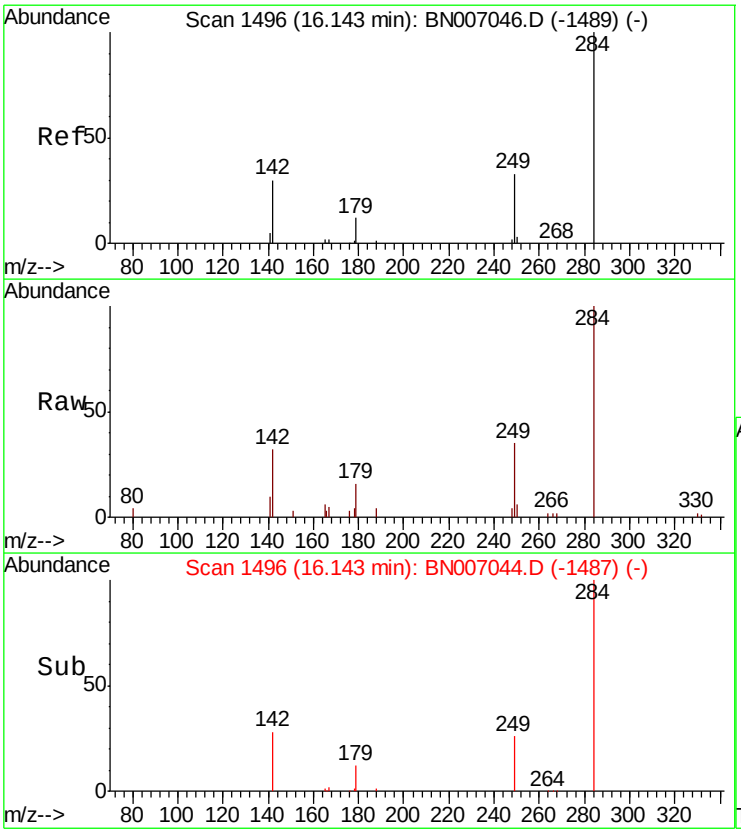
#19
4-Bromophenyl-phenylether
Concen: 0.105 ng
RT: 16.04 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 4603

Ion	Ratio	Lower	Upper
248	100		
250	101.6	78.9	118.3
141	54.0	43.3	64.9

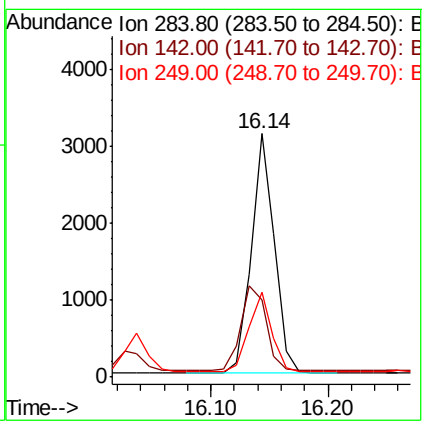


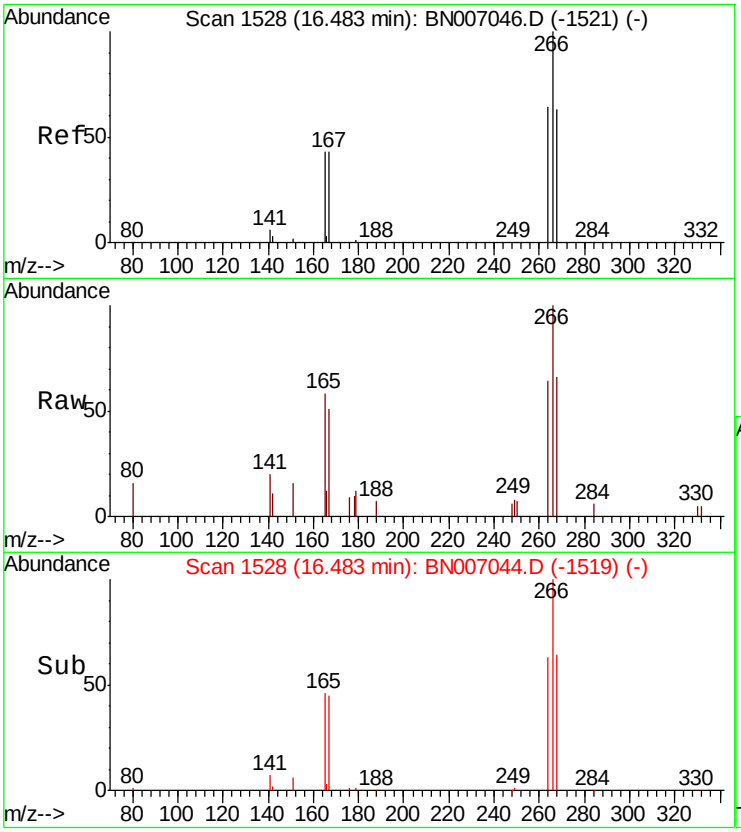


#20
Hexachlorobenzene
Concen: 0.104 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion:284 Resp: 4251

Ion	Ratio	Lower	Upper
284	100		
142	38.6	30.5	45.7
249	33.2	26.7	40.1



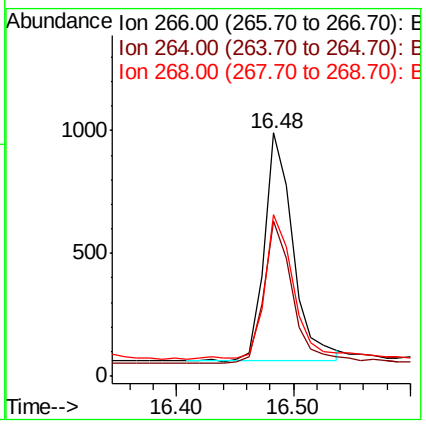


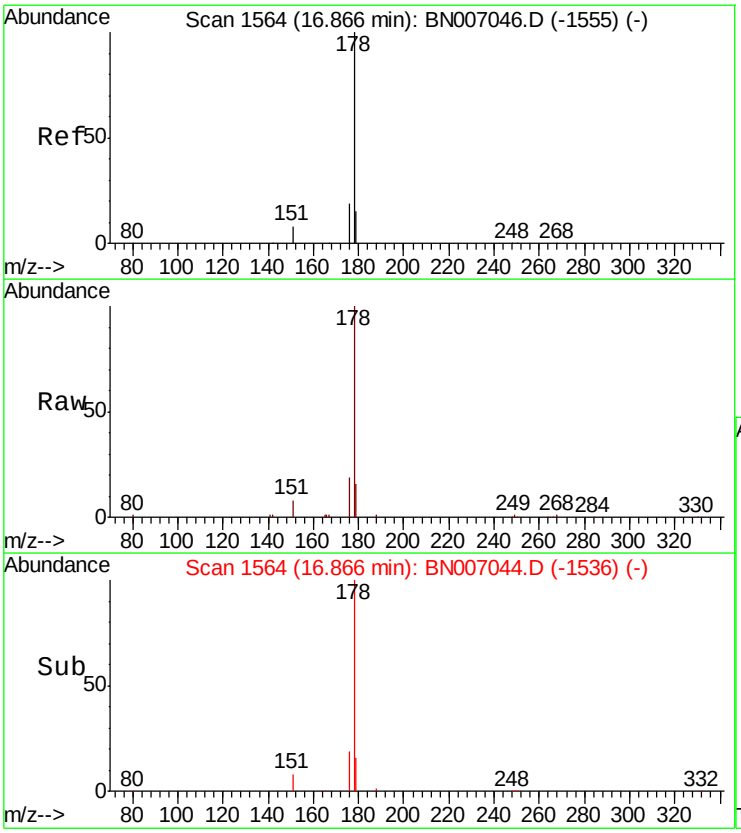
#21
Pentachlorophenol
Concen: 0.111 ng
RT: 16.48 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:266 Resp: 1580

Ion	Ratio	Lower	Upper
266	100		
264	64.0	52.3	78.5
268	66.5	51.5	77.3

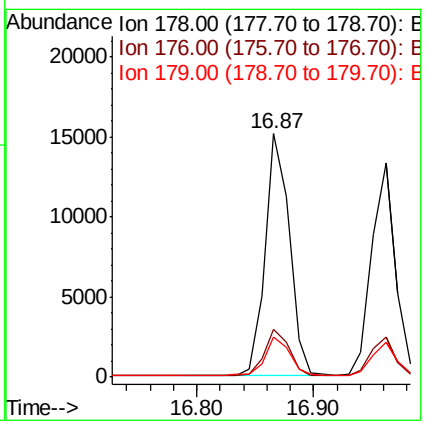


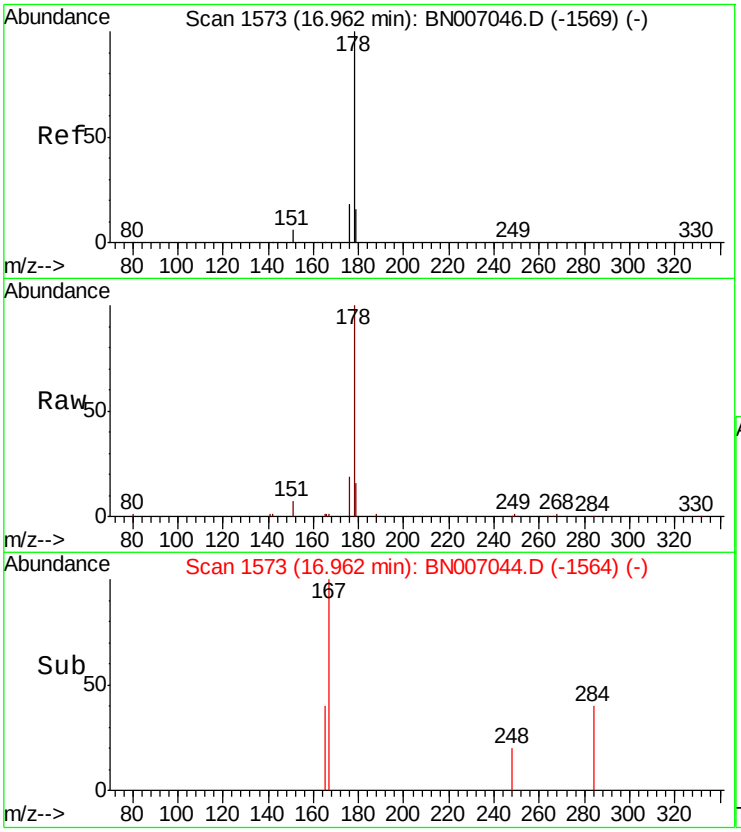


#22
Phenanthrene
Concen: 0.105 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion:178 Resp: 21867

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	16.0	12.3	18.5



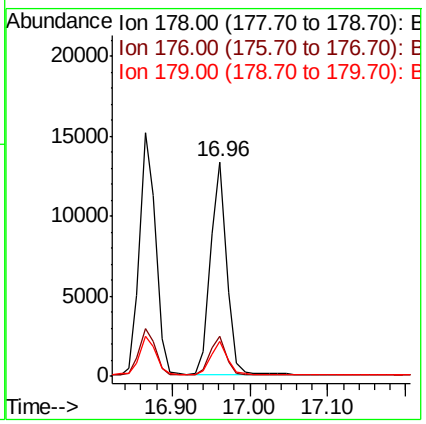


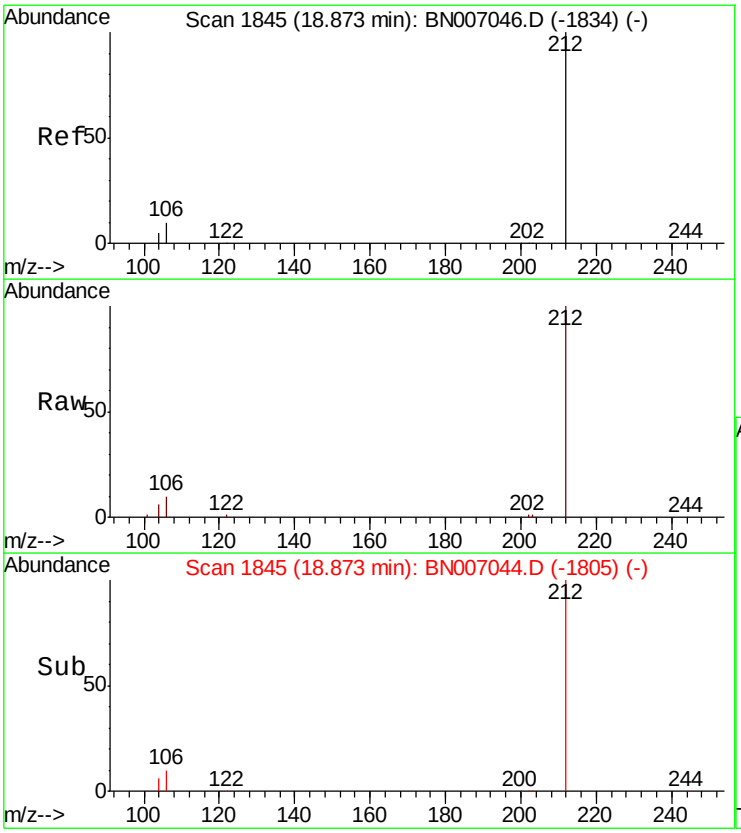
#23
Anthracene
Concen: 0.105 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 18973

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	16.1	12.5	18.7

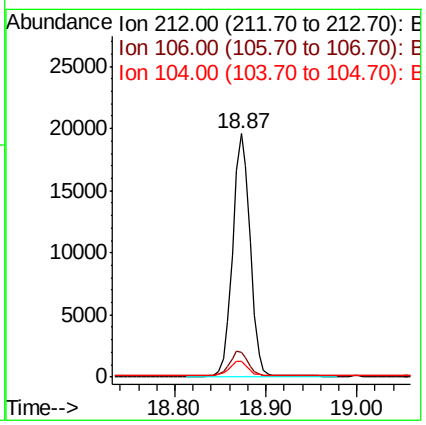


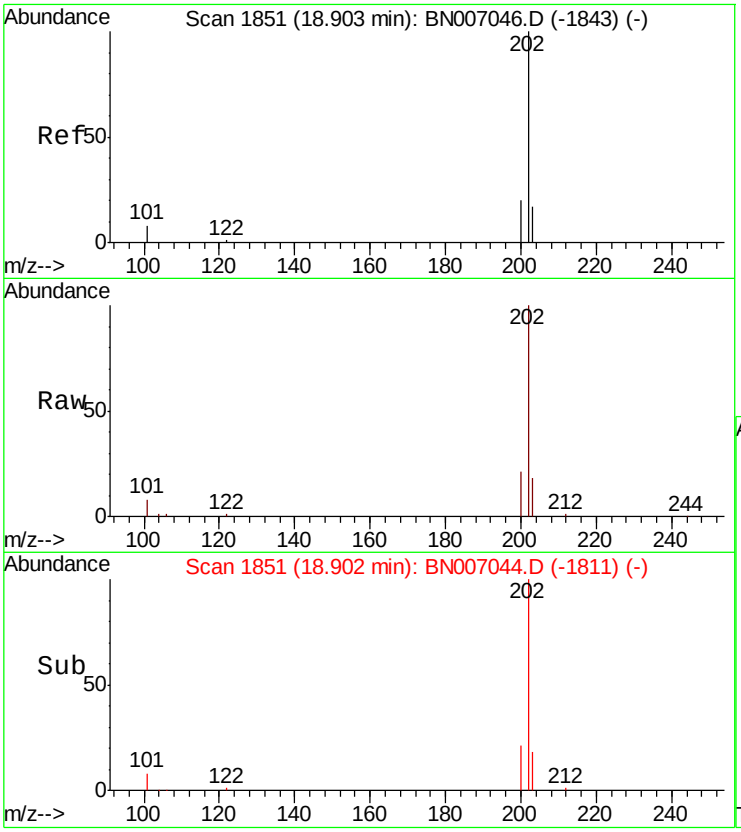


#24
Fluoranthene-d10
Concen: 0.107 ng
RT: 18.87 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion:212 Resp: 26085

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.2
104	5.9	4.5	6.7



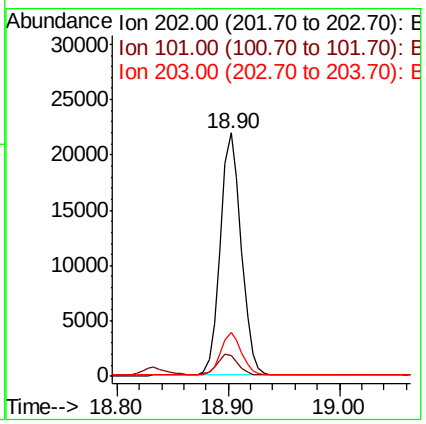


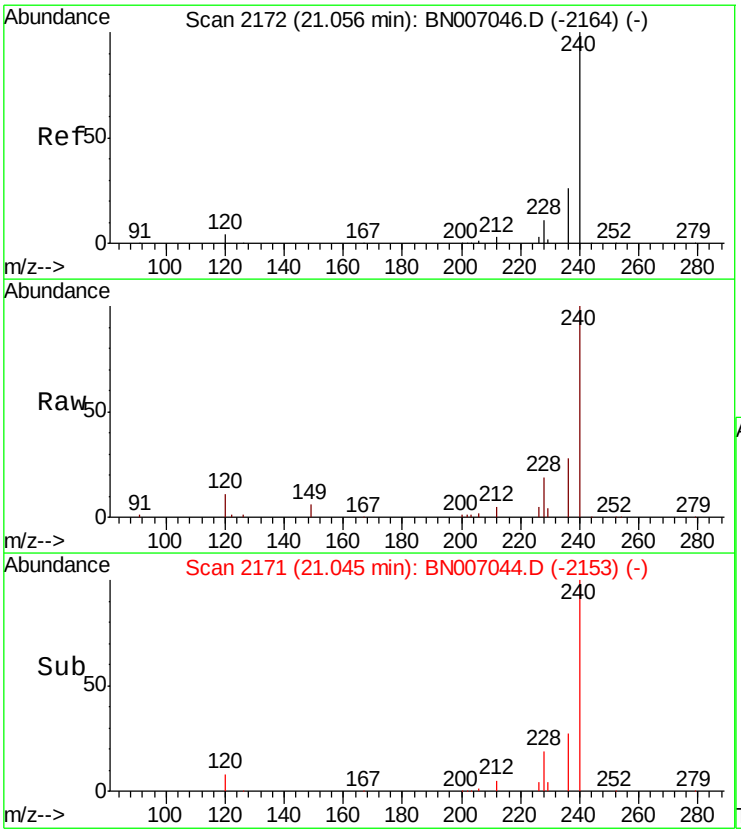
#25
Fluoranthene
Concen: 0.107 ng
RT: 18.90 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 28545

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.4
203	17.4	13.8	20.8

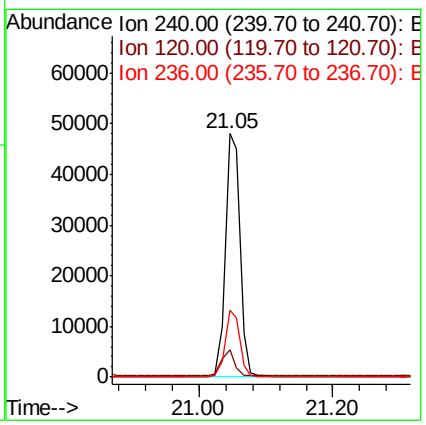


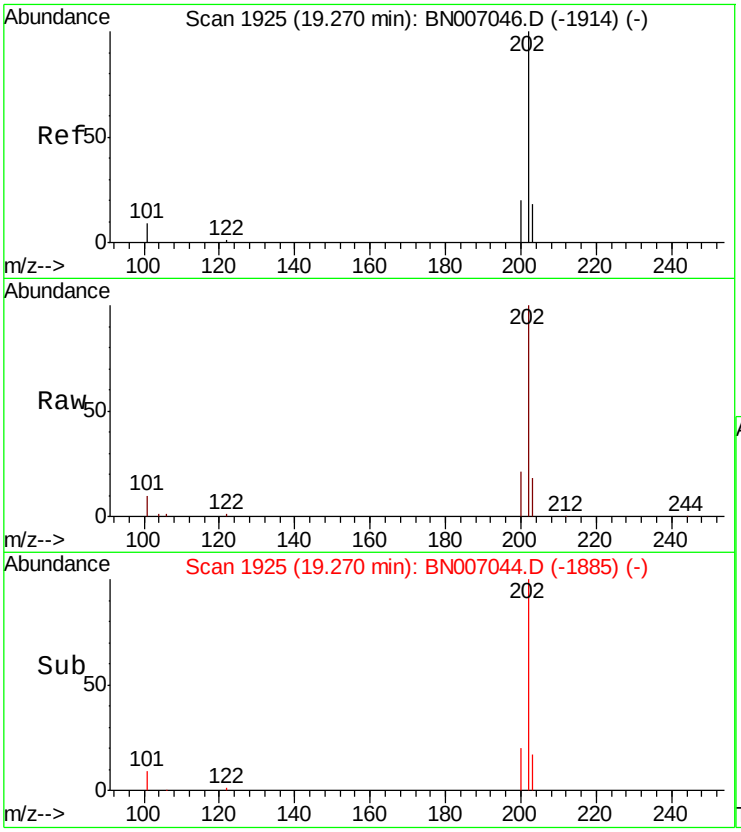


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion:240 Resp: 72452

Ion	Ratio	Lower	Upper
240	100		
120	11.2	4.0	6.0#
236	27.5	21.3	31.9



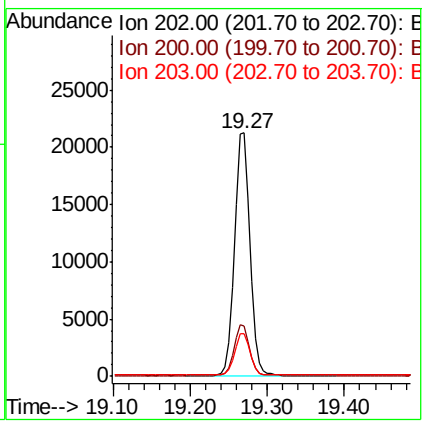


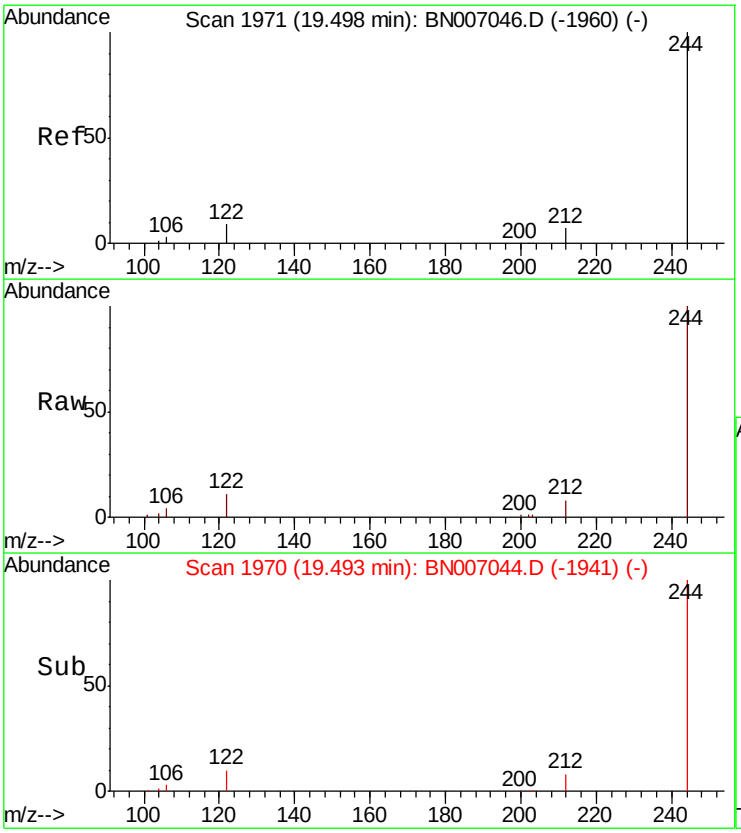
#27
Pyrene
Concen: 0.107 ng
RT: 19.27 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 29178

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.4	14.0	21.0

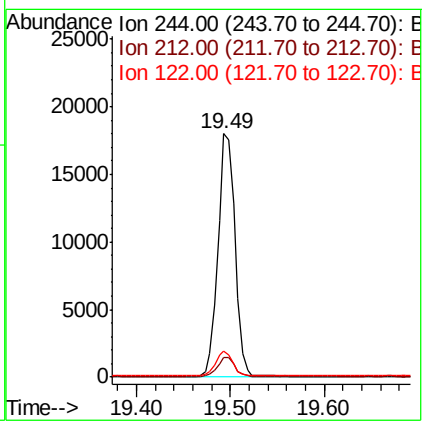


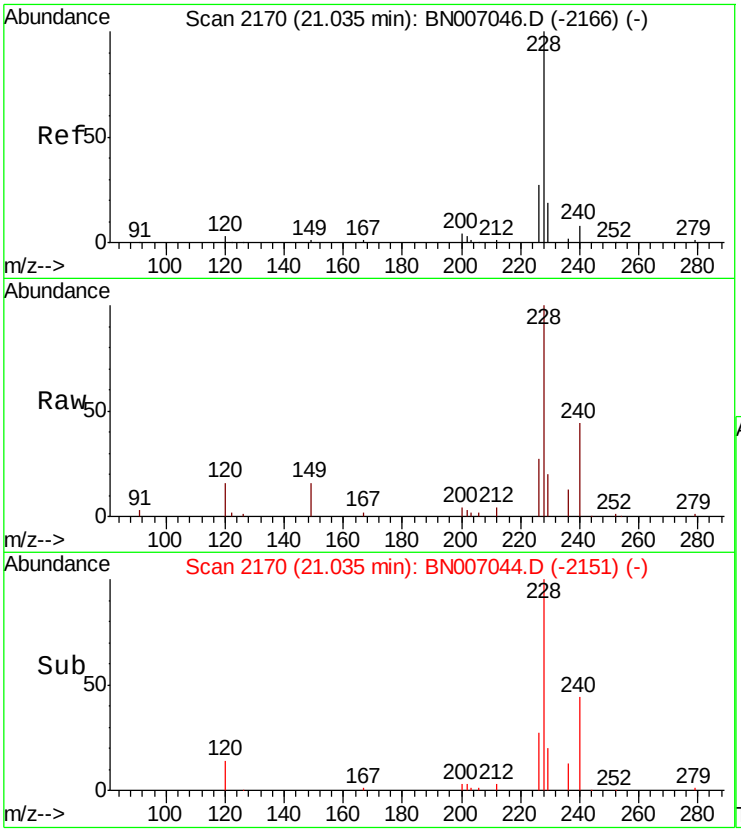


#28
Terphenyl-d14
Concen: 0.107 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion:244 Resp: 22476

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	10.9	7.4	11.2



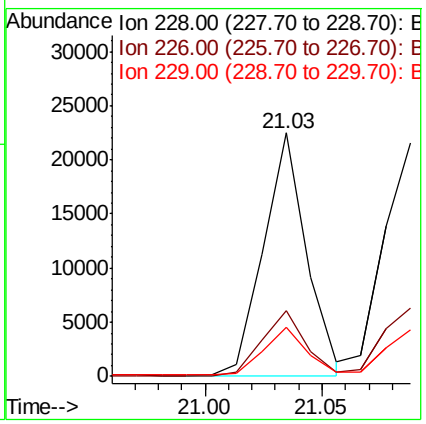


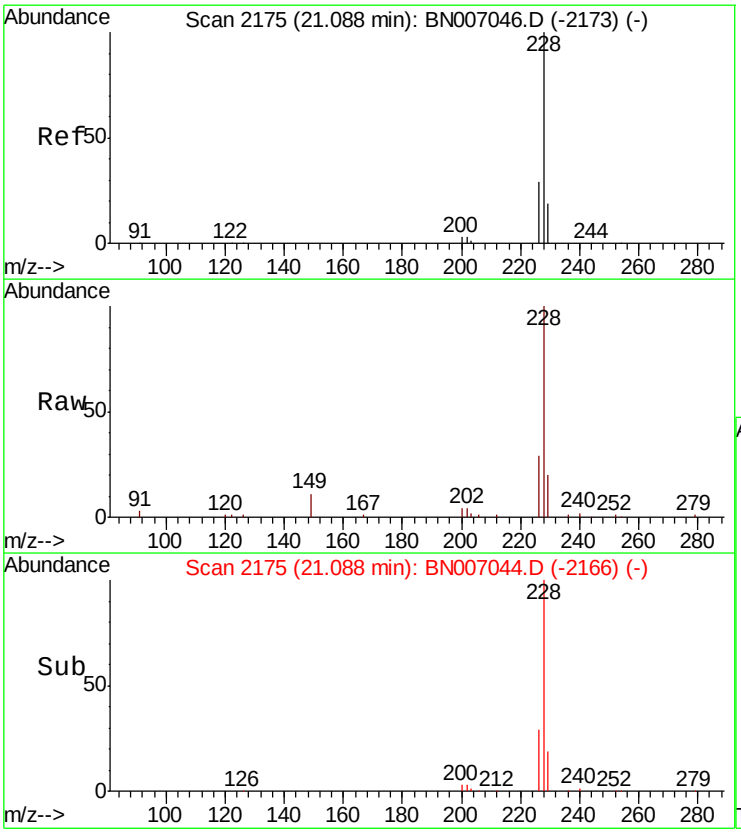
#29
Benzo(a)anthracene
Concen: 0.104 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 28608

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.6
229	20.1	15.6	23.4

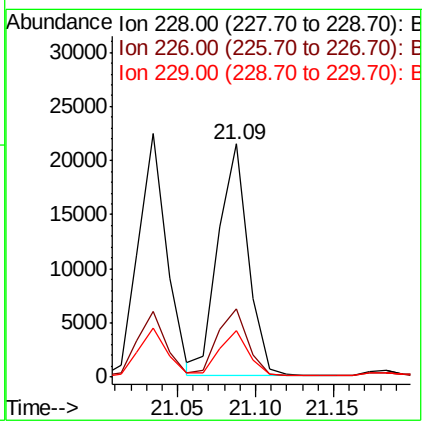


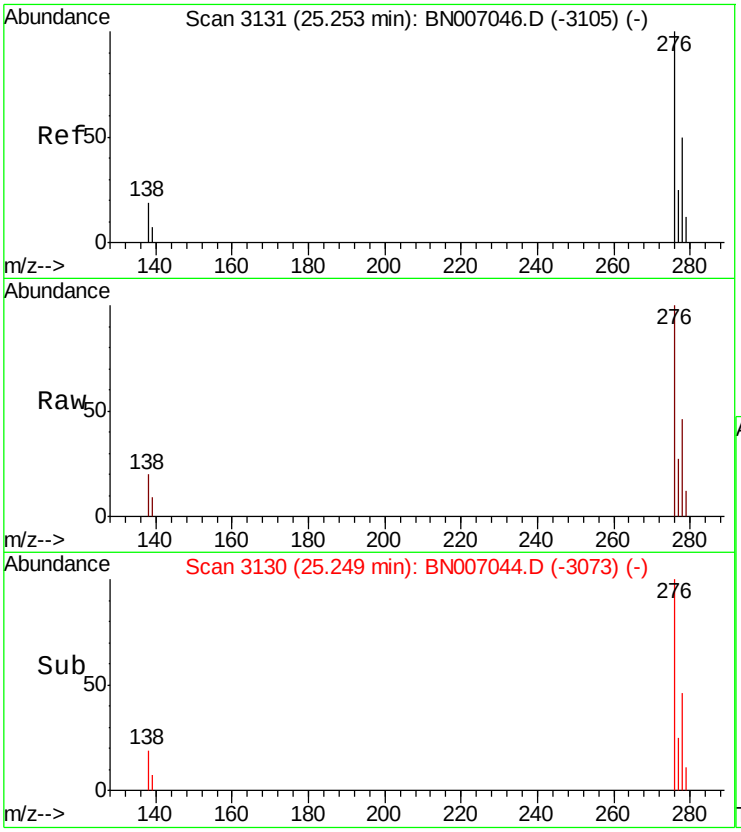


#30
Chrysene
Concen: 0.106 ng
RT: 21.09 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion:228 Resp: 28632

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	19.8	15.7	23.5



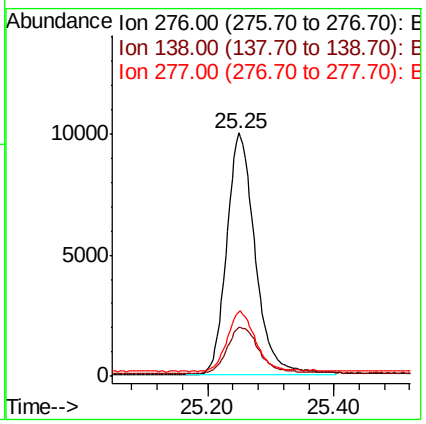


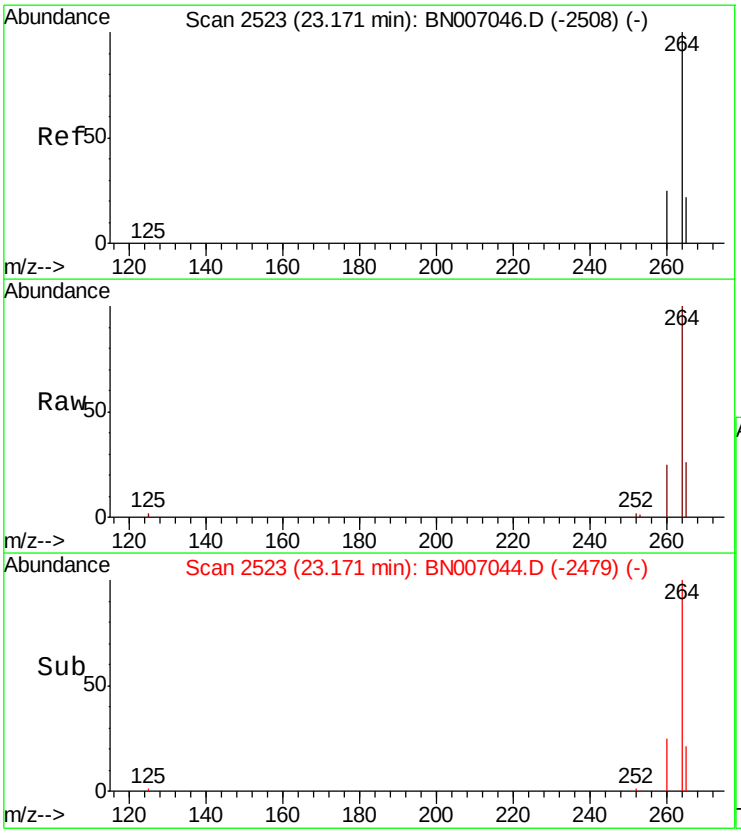
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.108 ng
RT: 25.25 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 31232

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.0	24.0
277	25.0	19.9	29.9

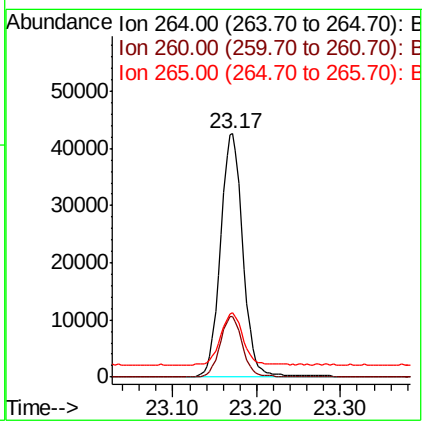


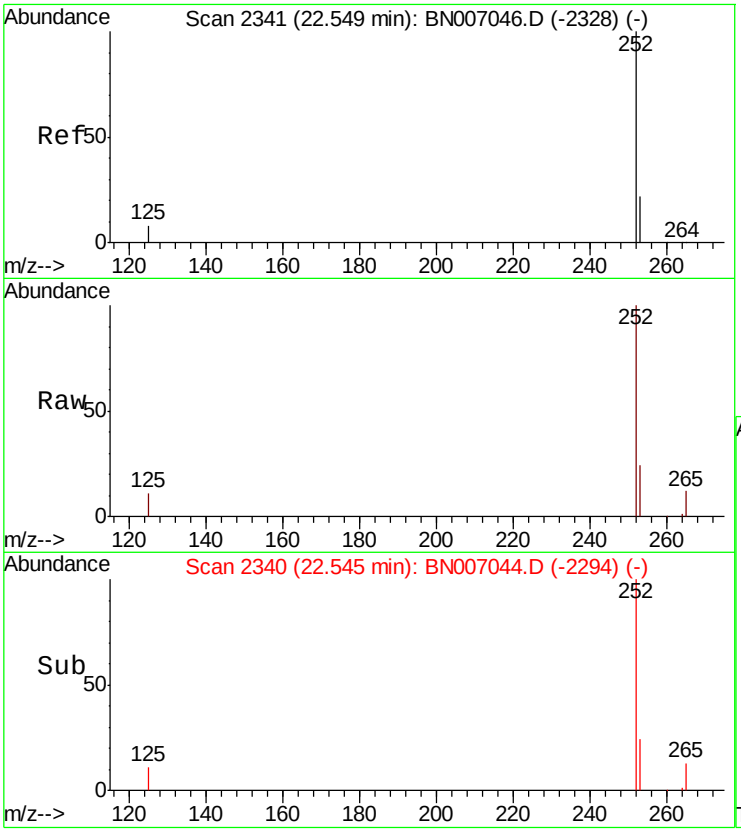


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.17 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion:264 Resp: 78058

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	26.3	26.2	39.4



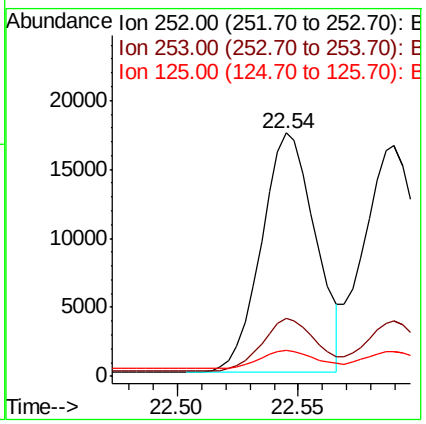


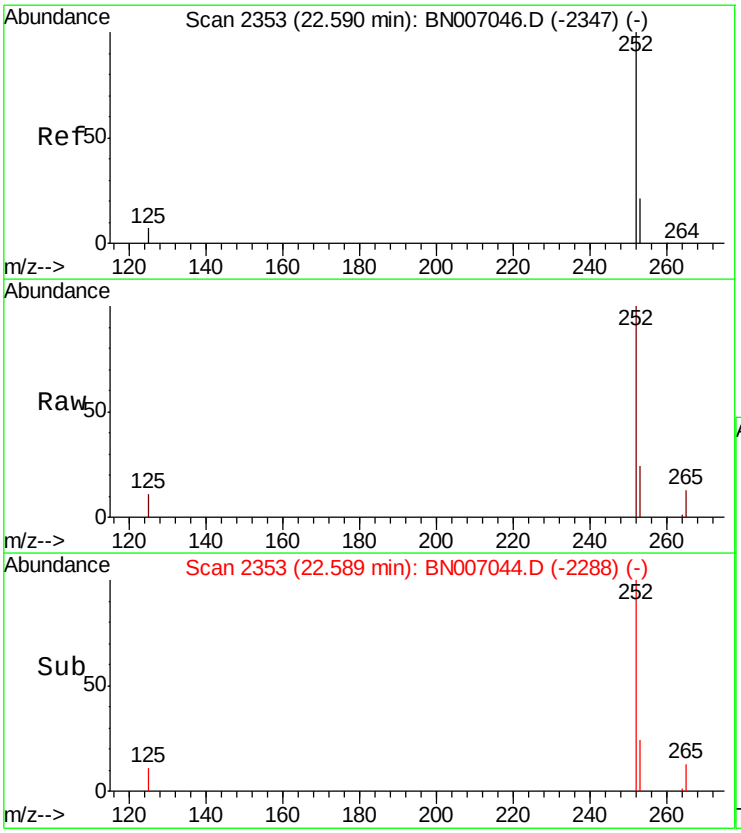
#33
Benzo(b)fluoranthene
Concen: 0.099 ng
RT: 22.54 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 26901

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	10.6	7.4	11.0

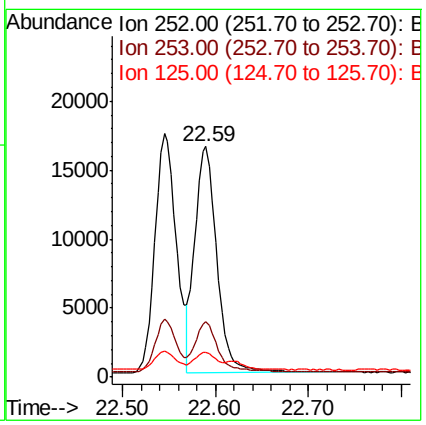


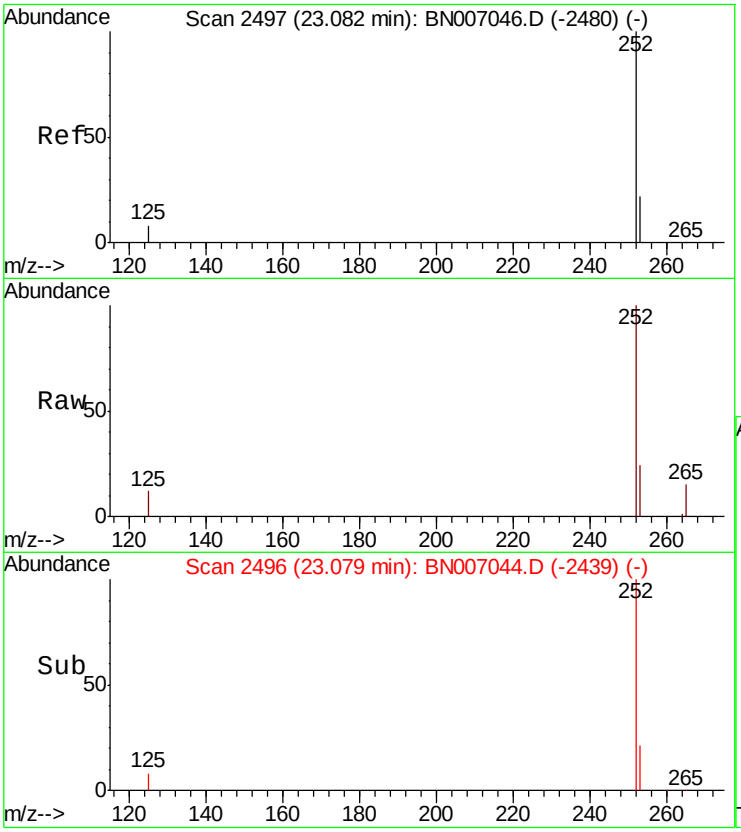


#34
Benzo(k)fluoranthene
Concen: 0.099 ng
RT: 22.59 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion:252 Resp: 26790

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	10.7	7.4	11.0



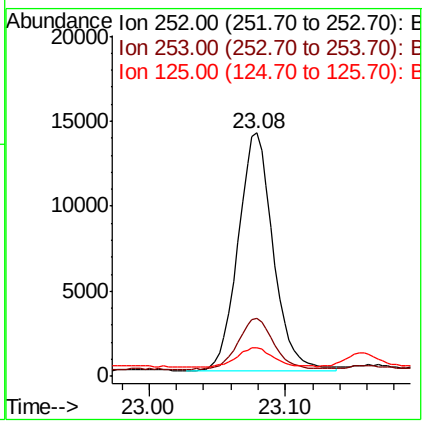


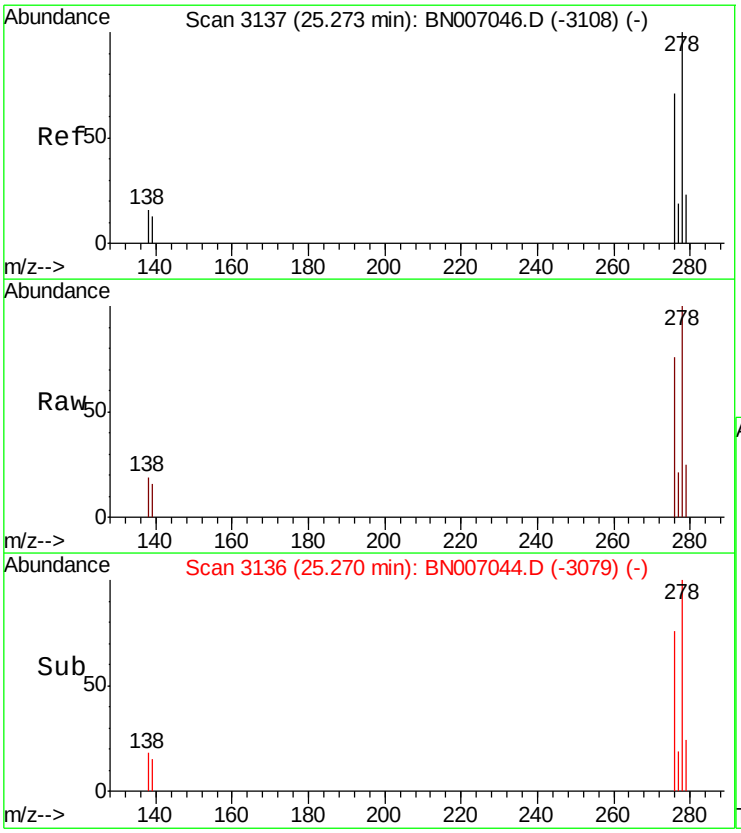
#35
Benzo(a)pyrene
Concen: 0.102 ng
RT: 23.08 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 25026

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	12.0	8.2	12.4

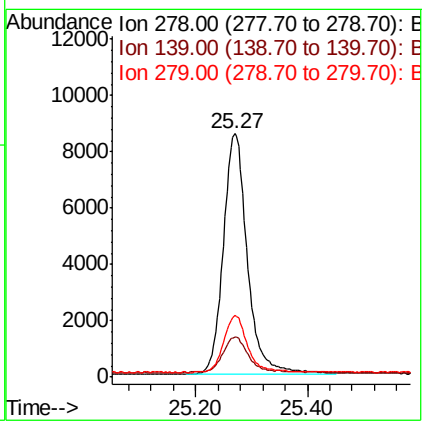


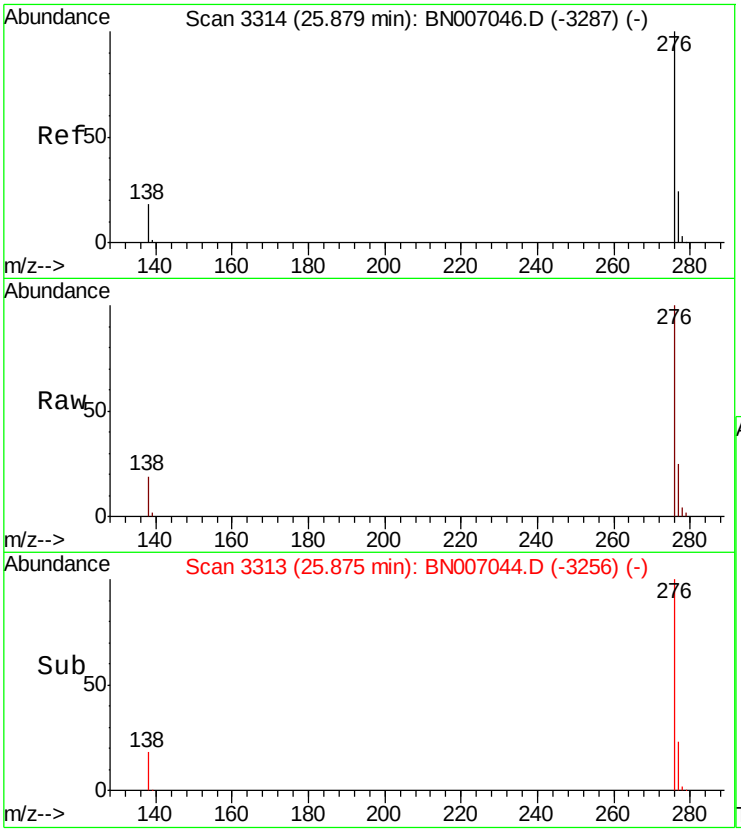


#36
Dibenzo(a,h)anthracene
Concen: 0.105 ng
RT: 25.27 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Tgt Ion:278 Resp: 25578

Ion	Ratio	Lower	Upper
278	100		
139	16.2	11.3	16.9
279	25.4	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 0.102 ng
RT: 25.88 min Scan# 3313
Delta R.T. -0.00 min
Lab File: BN007044.D
Acq: 10 Aug 2019 11:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 26107

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.8	29.8
138	19.3	14.6	22.0