Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
Data File : BN007049.D
Acq On : 10 Aug 2019 14:18
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Aug 10 21:34:49 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	6967	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	24510	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	21324	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	70400	0.40	ng		0.00
26) Chrysene-d12	21.05	240	77590	0.40	ng		-0.01
32) Perylene-d12	23.17	264	81602	0.40	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	49456	2.74	ng		0.00
4) Phenol-d6	6.61	99	64098	2.91	ng		0.00
7) Nitrobenzene-d5	8.56	82	62090	3.25	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	142287	3.02	ng		0.00
13) 2,4,6-Tribromophenol	15.58	330	40512	4.03	ng		0.01
14) 2-Fluorobiphenyl	12.71	172	76823	2.17	ng		0.00
24) Fluoranthene-d10	18.87	212	749172	2.88	ng		0.00
28) Terphenyl-d14	19.50	244	626456	2.79	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.34	42	17680	4.431	ng	#	94
5) bis(2-Chloroethyl)ether	6.87	93	54257	2.761	ng		98
8) Naphthalene	10.24	128	206565	2.865	ng		98
9) Hexachlorobutadiene	10.55	225	43051	2.776	ng	#	100
11) 2-Methylnaphthalene	11.87	142	151136	3.007	ng		99
15) Acenaphthylene	13.79	152	347050	3.097	ng		100
16) Acenaphthene	14.14	154	222247	3.067	ng		95
17) Fluorene	15.13	166	345485	3.285	ng		100
19) 4-Bromophenyl-phenylether	16.04	248	128170	2.736	ng		99
20) Hexachlorobenzene	16.14	284	123773	2.828	ng		100
21) Pentachlorophenol	16.48	266	53176	3.491	ng		98
22) Phenanthrene	16.87	178	622194	2.815	ng		100
23) Anthracene	16.96	178	598872	3.109	ng		100
25) Fluoranthene	18.90	202	778739	2.744	ng		99
27) Pyrene	19.27	202	804749	2.746	ng		100
29) Benzo(a)anthracene	21.03	228	857088	2.918	ng		99
30) Chrysene	21.09	228	833860	2.871	ng		99
31) Indeno(1,2,3-cd)pyrene	25.25	276	952154	3.065	ng		99
33) Benzo(b)fluoranthene	22.55	252	834280	2.937	ng		98
34) Benzo(k)fluoranthene	22.59	252	836520	2.945	ng		98
35) Benzo(a)pyrene	23.08	252	776694	3.032	ng		97
36) Dibenzo(a,h)anthracene	25.27	278	770815	3.019	ng		99
37) Benzo(g,h,i)perylene	25.88	276	782859	2.935	ng		98

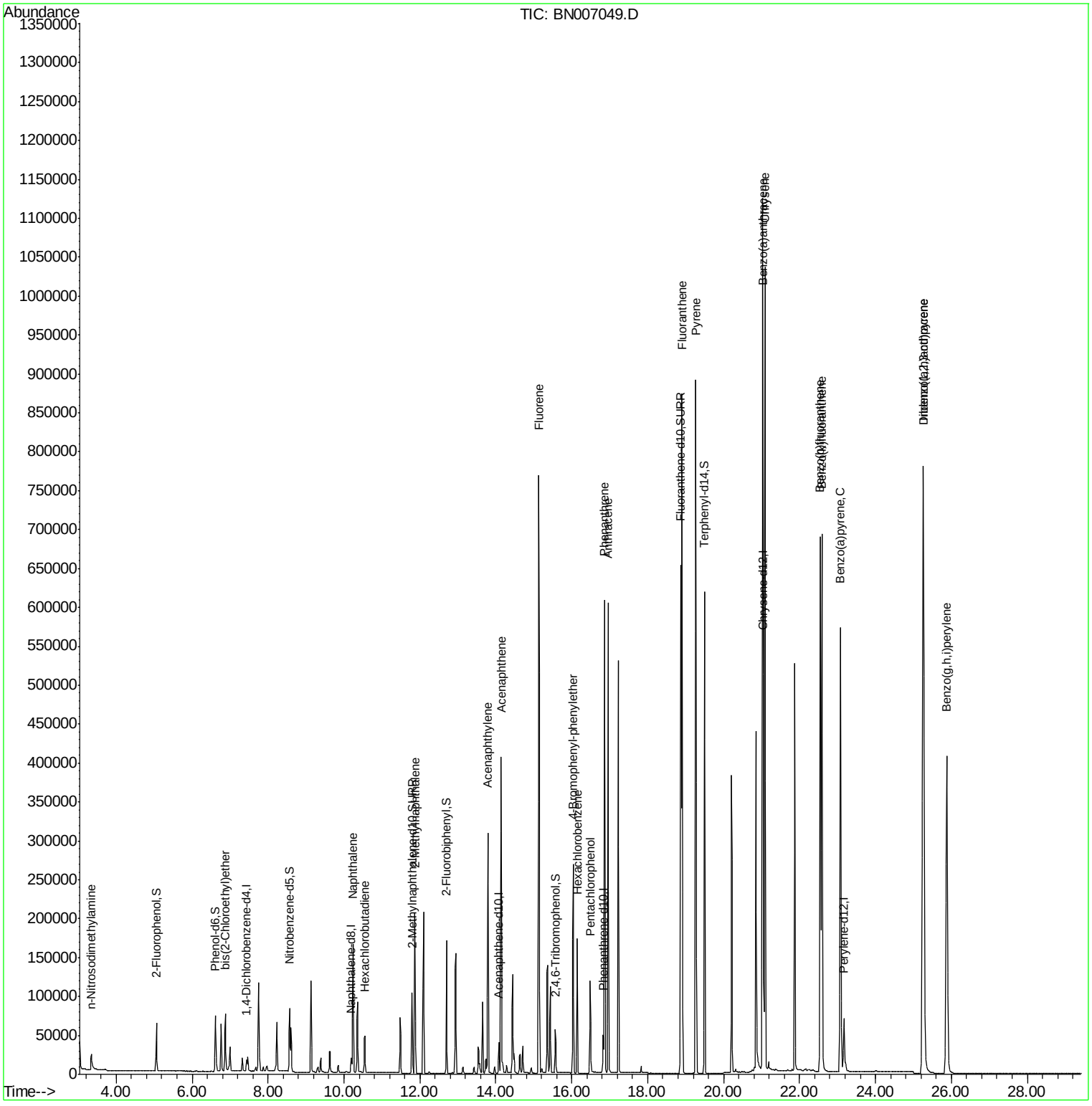
(#) = qualifier out of range (m) = manual integration (+) = signals summed

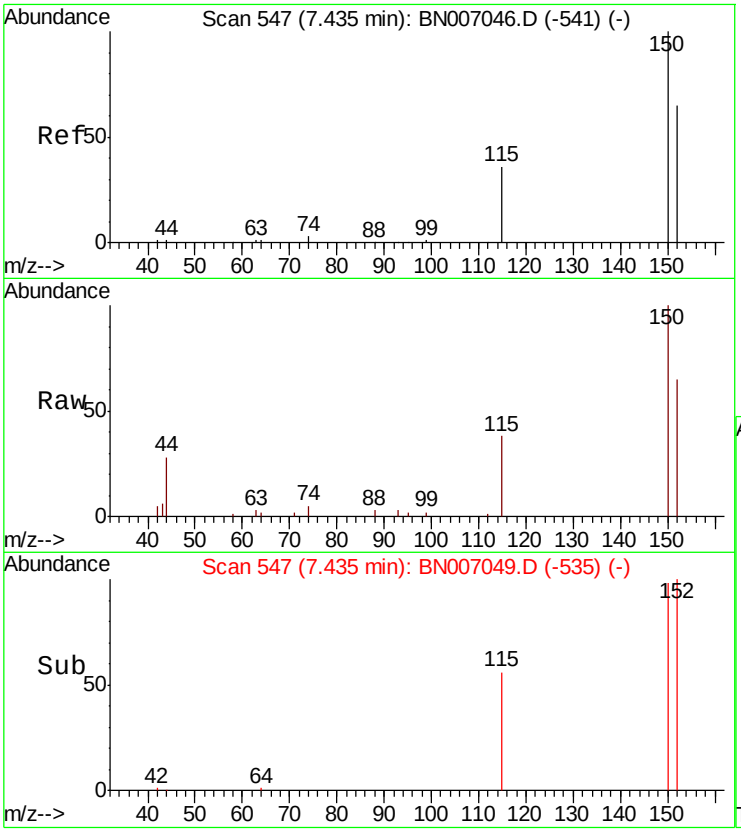
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
Data File : BN007049.D
Acq On : 10 Aug 2019 14:18
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Aug 10 21:34:49 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



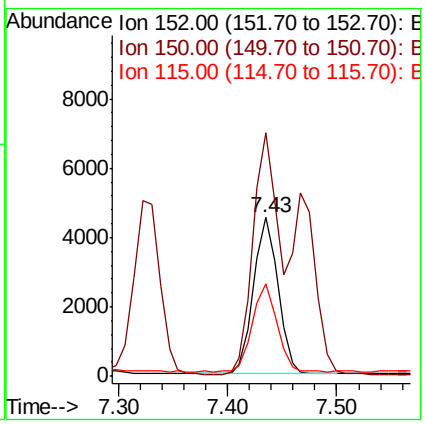


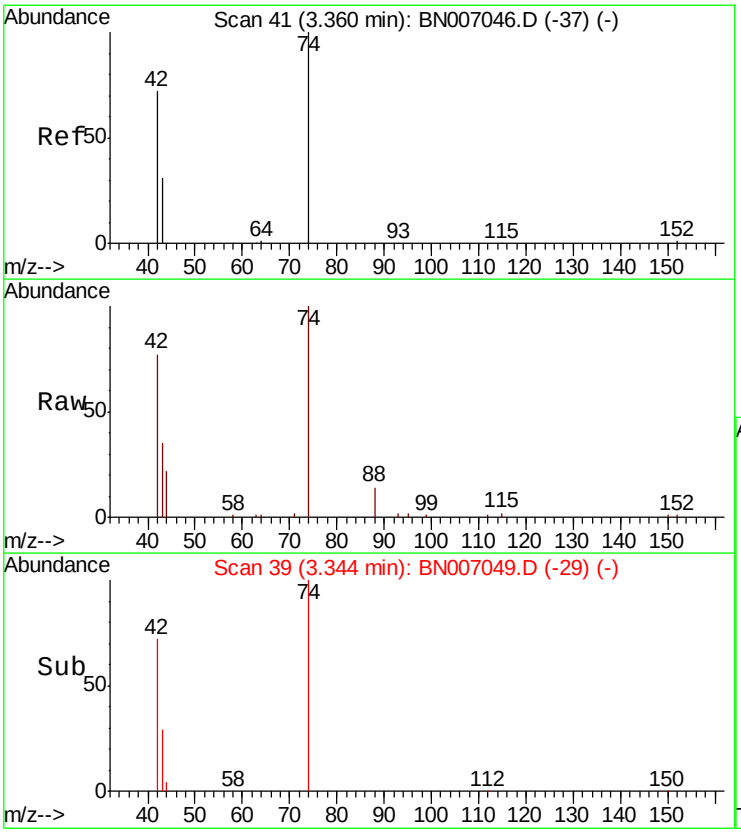
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 6967

Ion	Ratio	Lower	Upper
152	100		
150	153.1	121.7	182.5
115	58.0	46.2	69.4

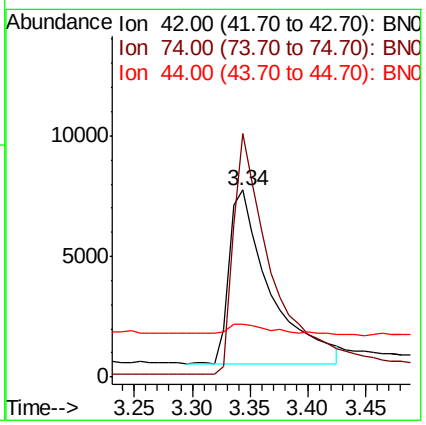


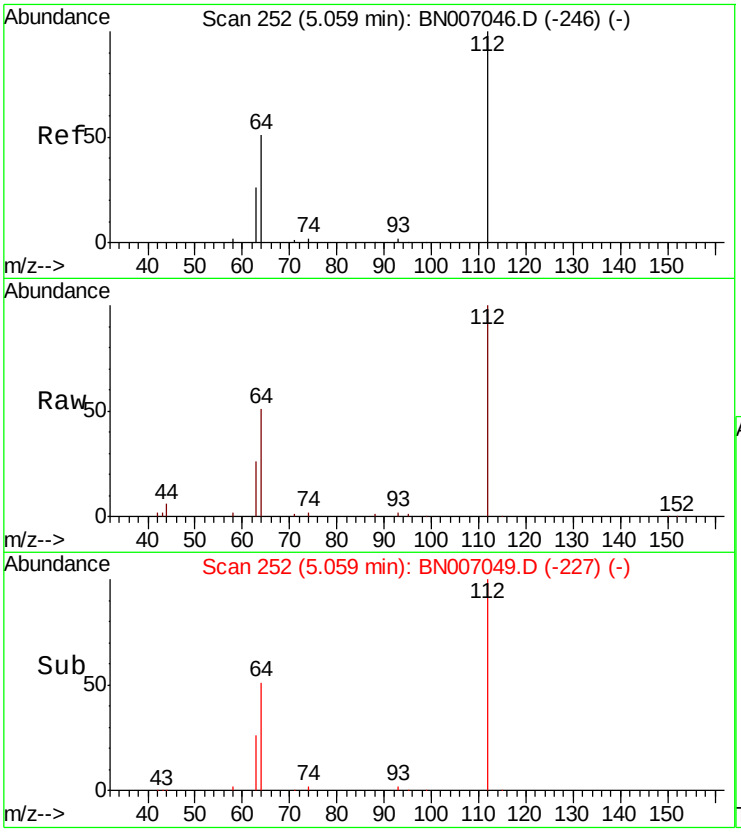


#2
n-Nitrosodimethylamine
Concen: 4.431 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.02 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion: 42 Resp: 17680

Ion	Ratio	Lower	Upper
42	100		
74	131.2	110.6	166.0
44	4.9	0.0	0.0#



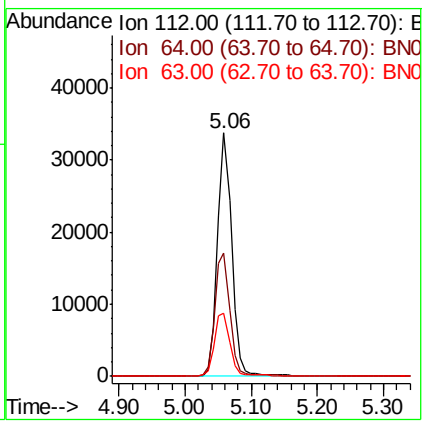


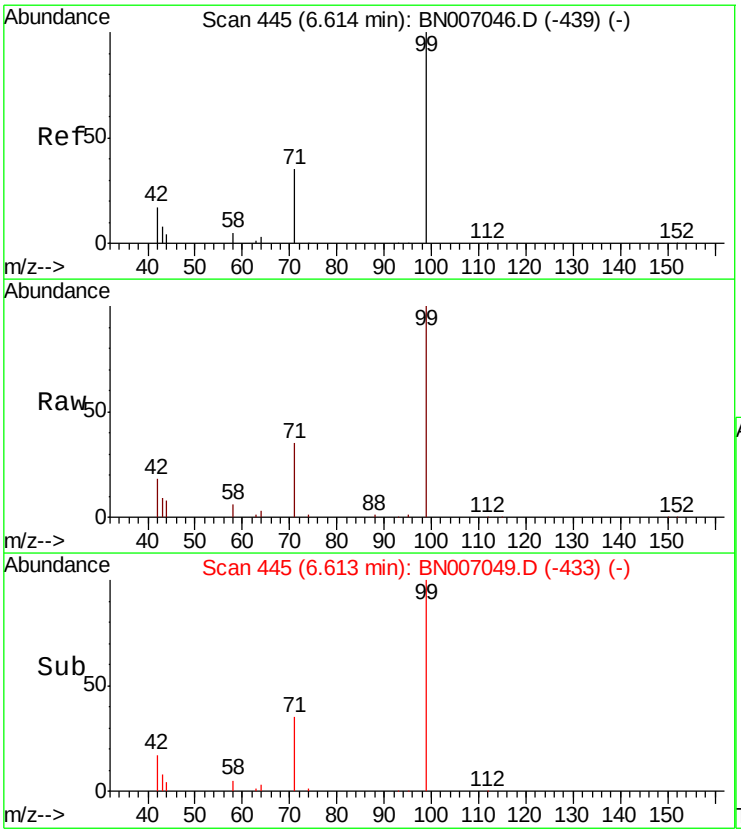
#3
2-Fluorophenol
Concen: 2.740 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:112 Resp: 49456

Ion	Ratio	Lower	Upper
112	100		
64	53.1	42.6	63.8
63	27.8	22.2	33.2

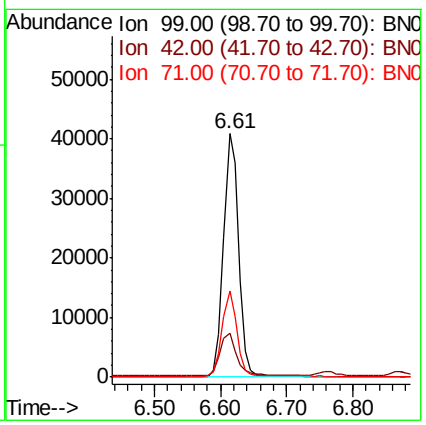


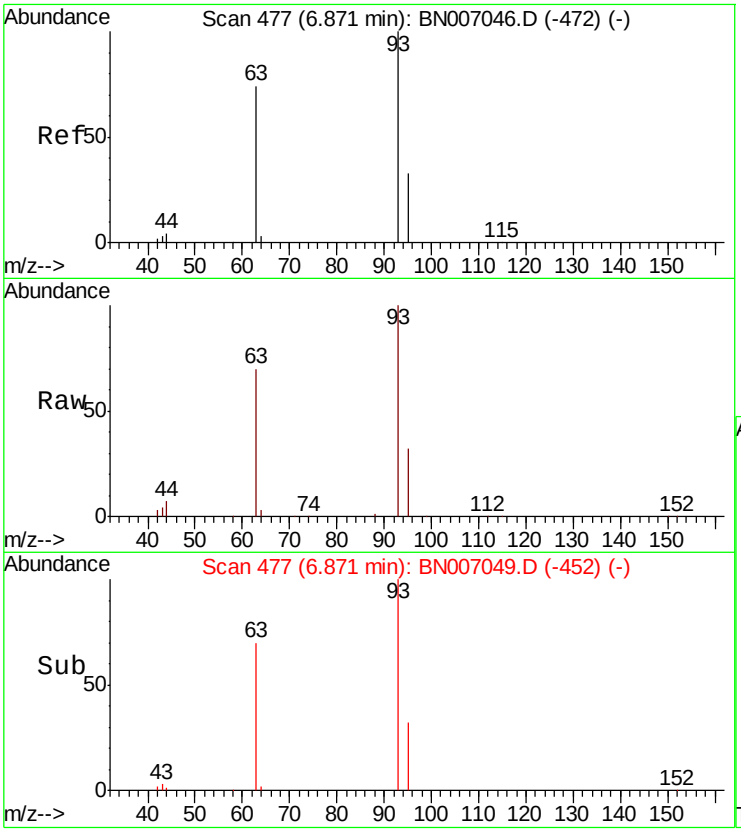


#4
Phenol-d6
Concen: 2.912 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion: 99 Resp: 64098

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.8	23.6
71	33.7	27.0	40.4



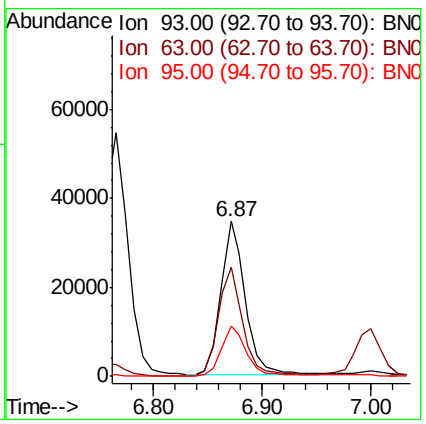


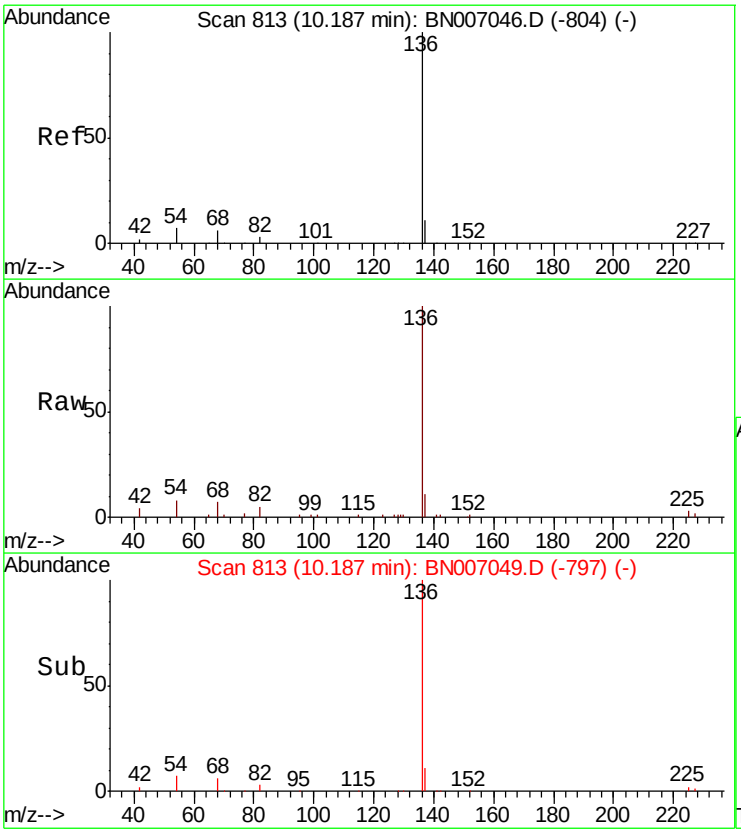
#5
bis(2-Chloroethyl)ether
Concen: 2.761 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 93 Resp: 54257

Ion	Ratio	Lower	Upper
93	100		
63	71.1	55.6	83.4
95	32.8	26.7	40.1

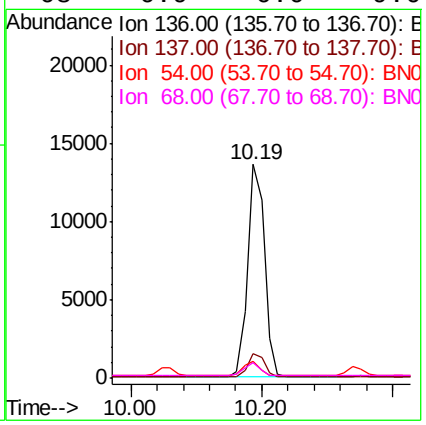


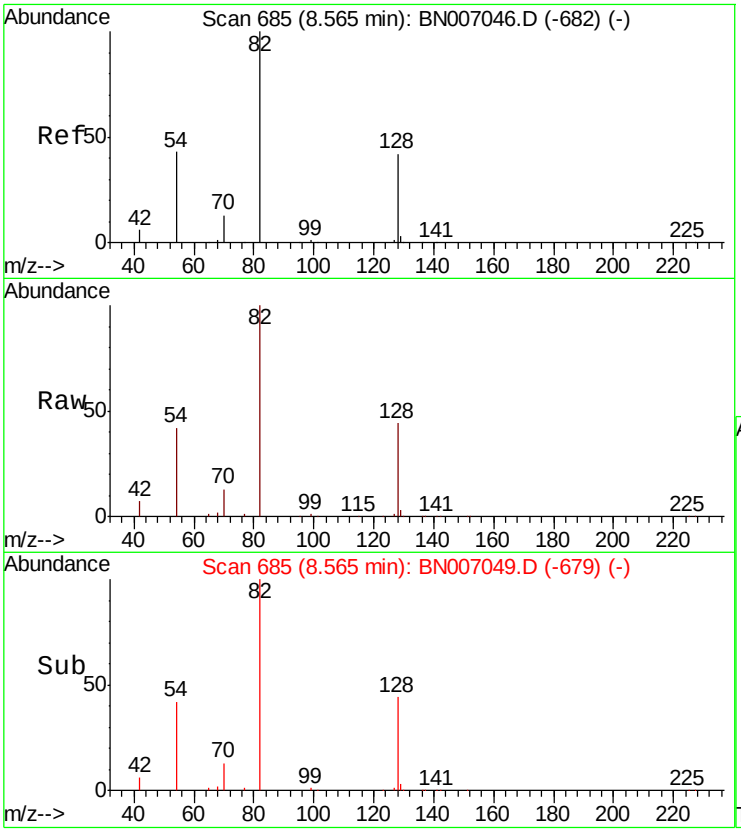


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:136 Resp: 24510

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	7.8	6.6	9.8
68	6.9	6.0	9.0



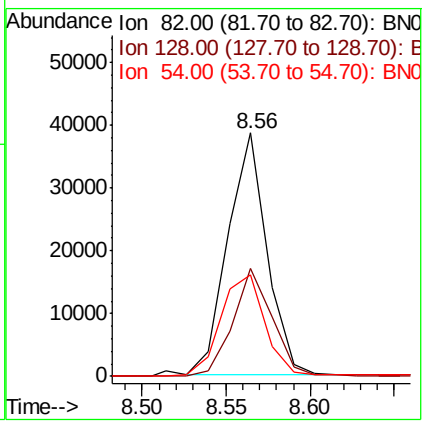


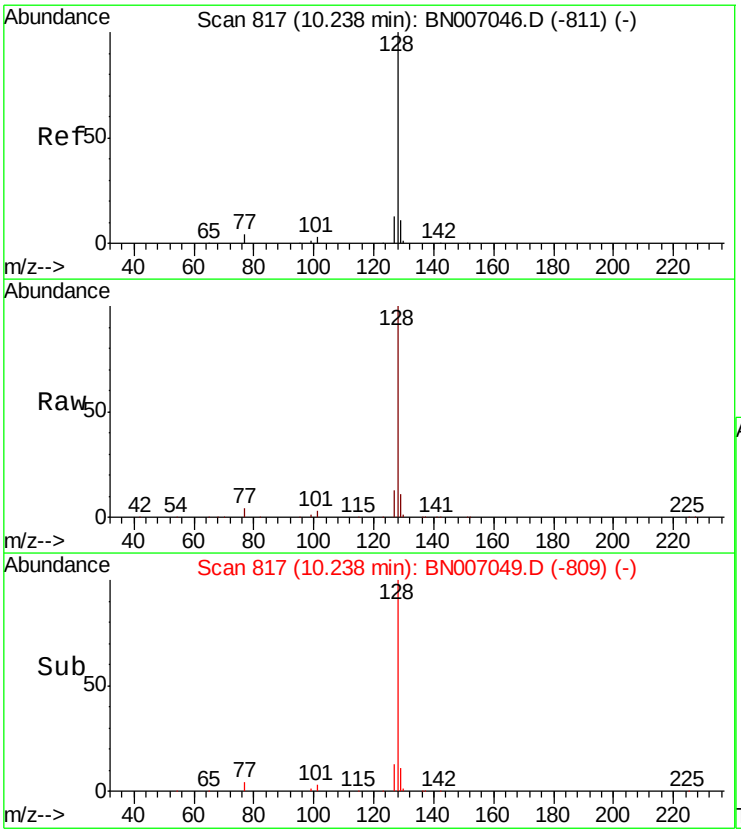
#7
Nitrobenzene-d5
Concen: 3.251 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 82 Resp: 62090

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	41.9	36.2	54.4

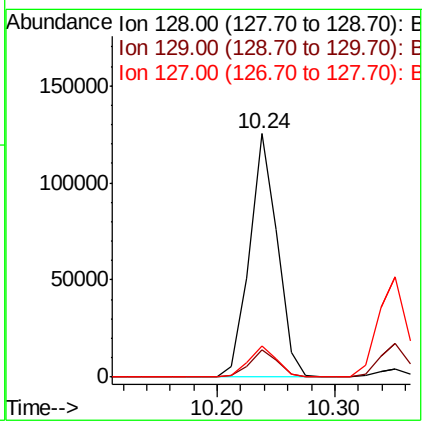


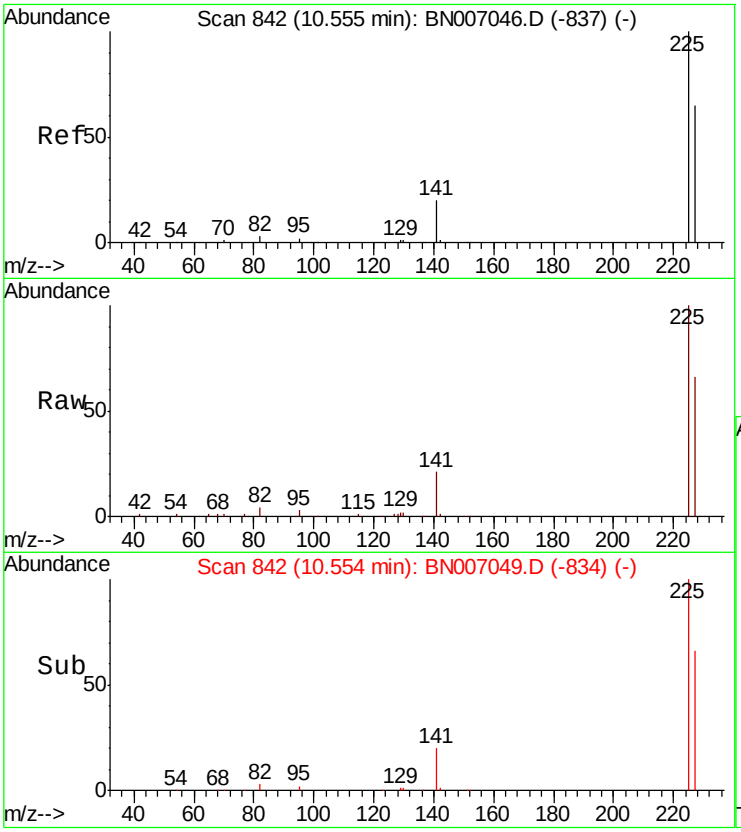


#8
Naphthalene
Concen: 2.865 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:128 Resp: 206565

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	13.0	11.0	16.6



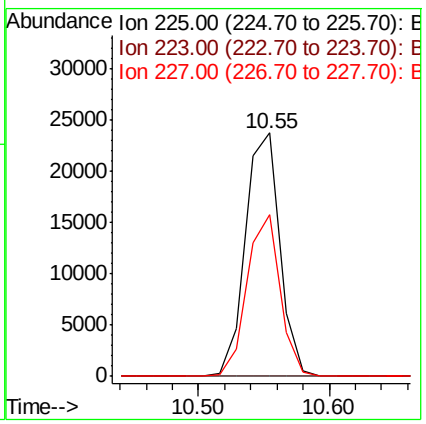


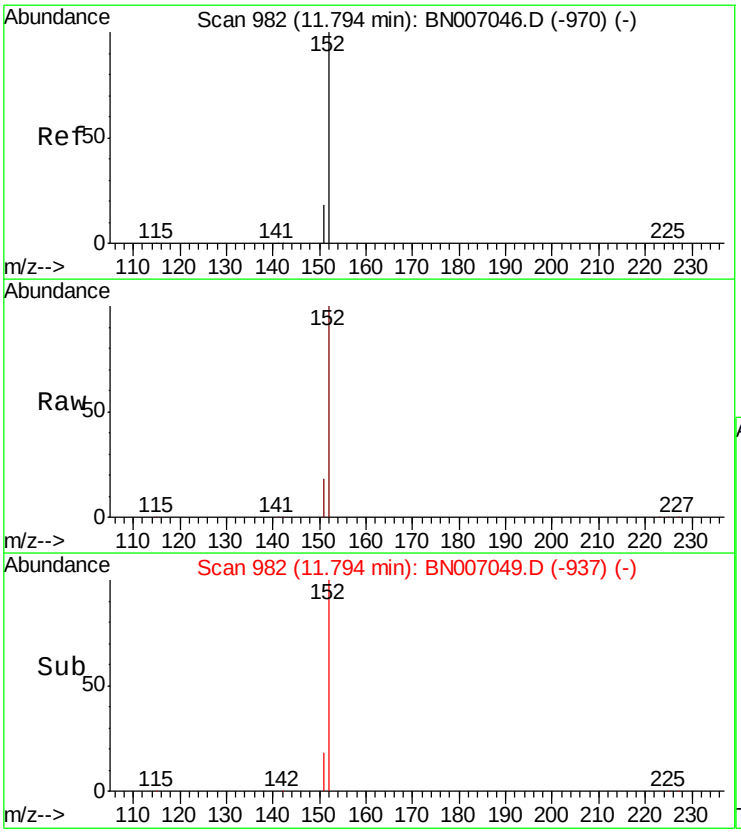
#9
Hexachlorobutadiene
Concen: 2.776 ng
RT: 10.55 min Scan# 842
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:225 Resp: 43051

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

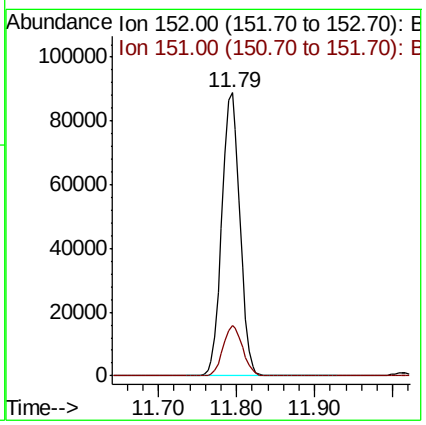


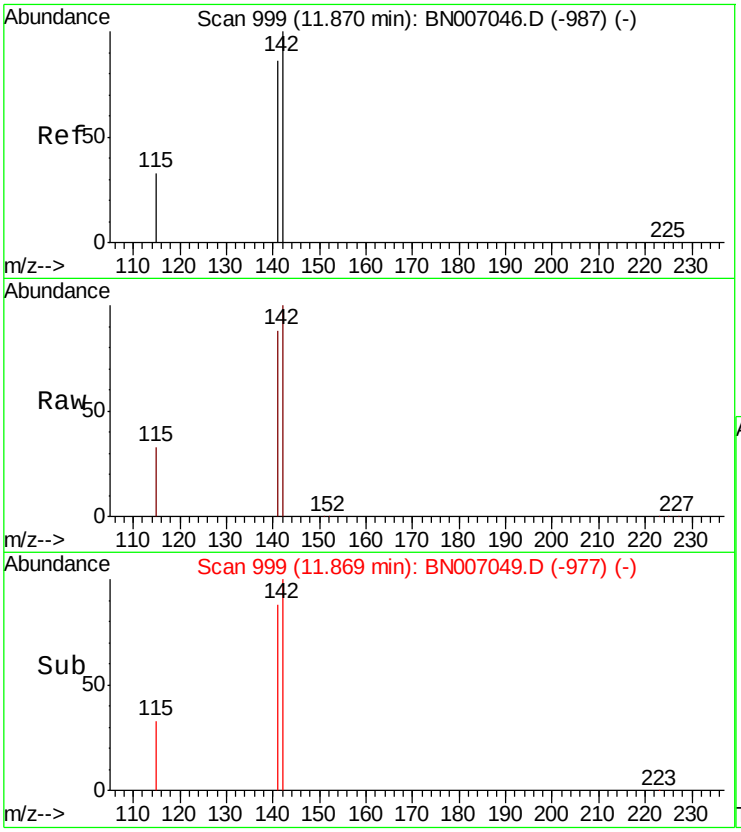


#10
2-Methylnaphthalene-d10
Concen: 3.020 ng
RT: 11.79 min Scan# 982
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:152 Resp: 142287

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3



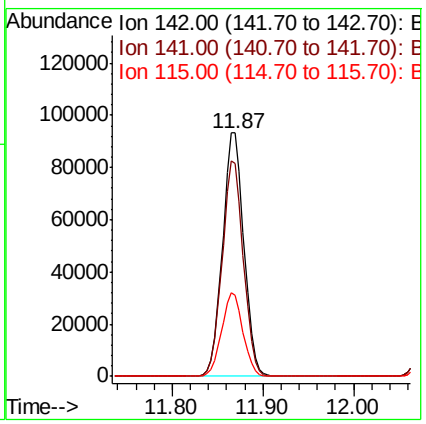


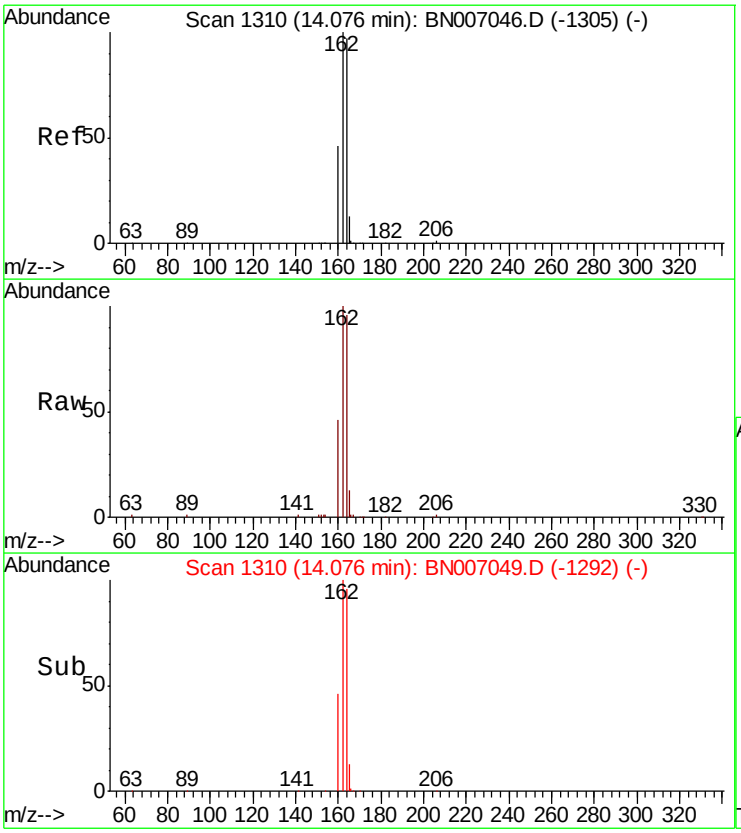
#11
2-Methylnaphthalene
Concen: 3.007 ng
RT: 11.87 min Scan# 999
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:142 Resp: 151136

Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.0	103.6
115	33.2	27.1	40.7

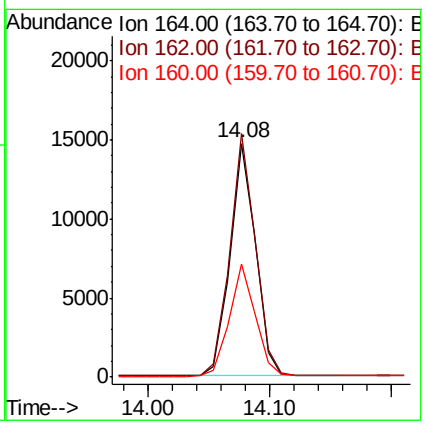


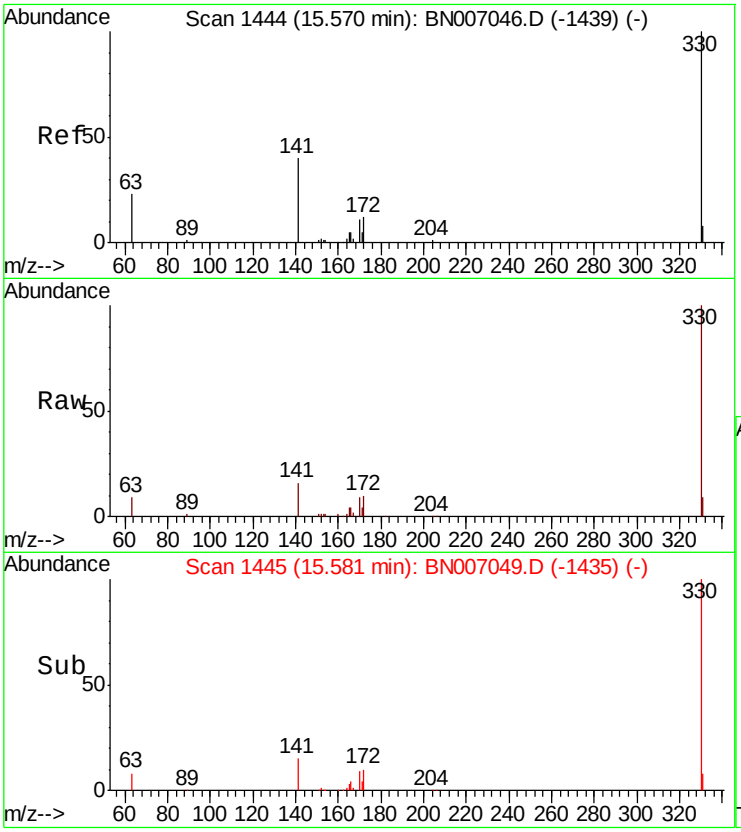


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:164 Resp: 21324

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.2	123.4
160	48.2	38.3	57.5



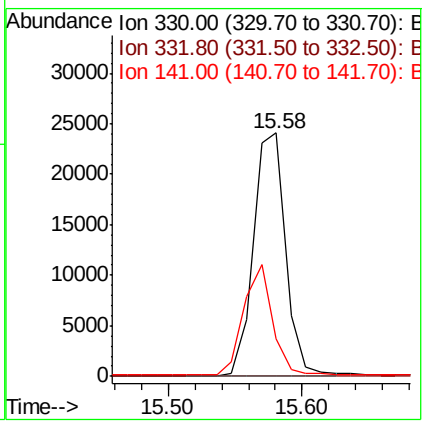


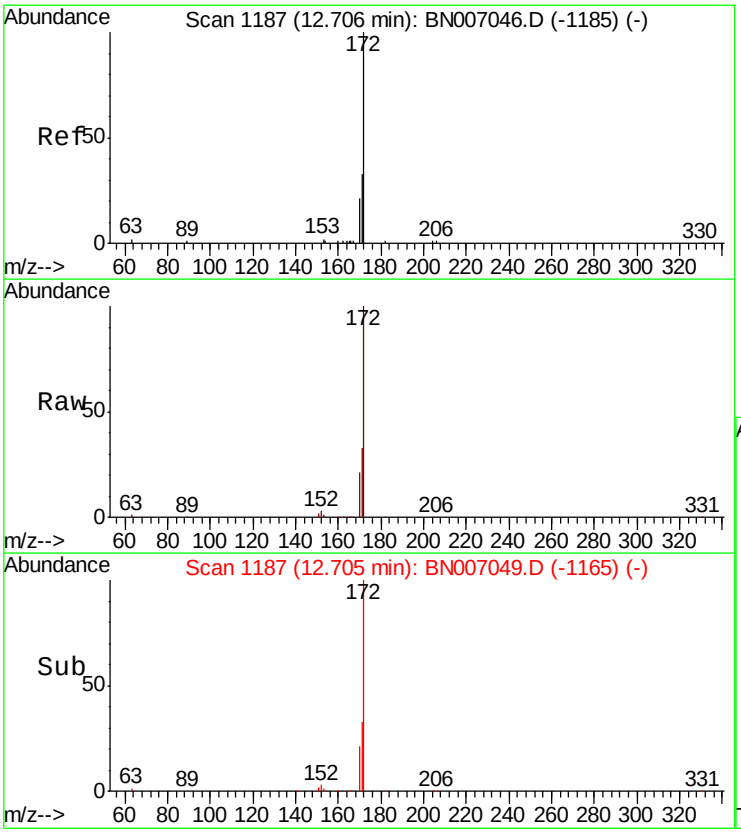
#13
2,4,6-Tribromophenol
Concen: 4.026 ng
RT: 15.58 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:330 Resp: 40512

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

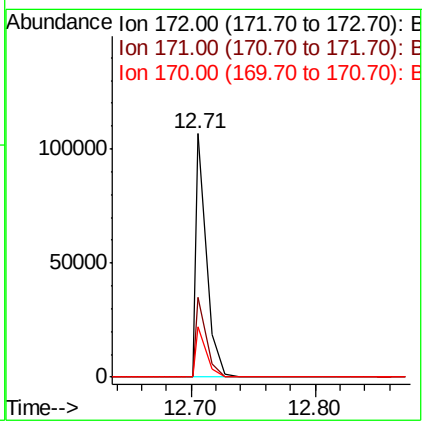


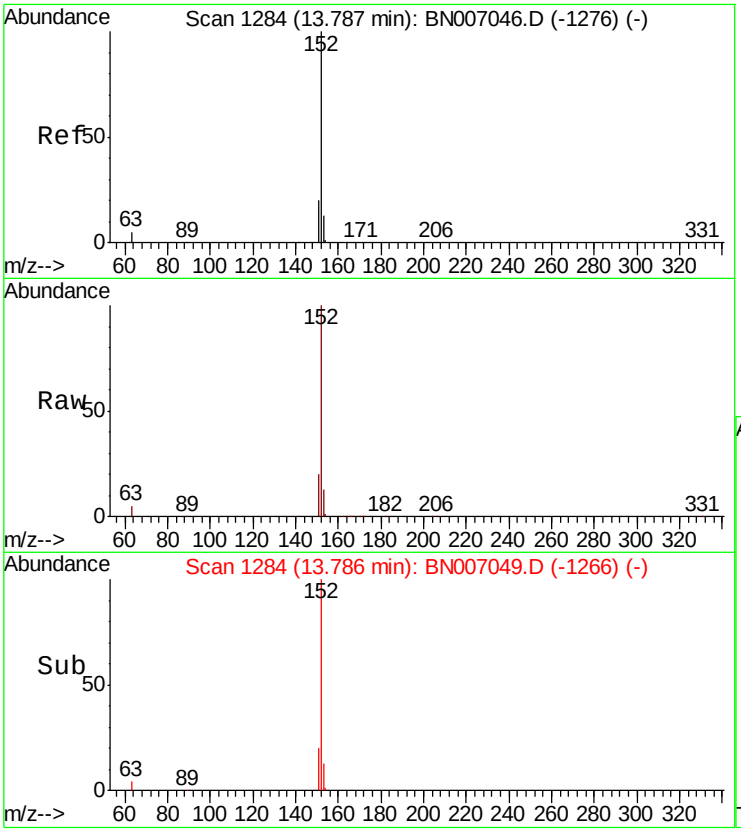


#14
2-Fluorobiphenyl
Concen: 2.170 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:172 Resp: 76823

Ion	Ratio	Lower	Upper
172	100		
171	32.6	26.3	39.5
170	20.6	17.0	25.4



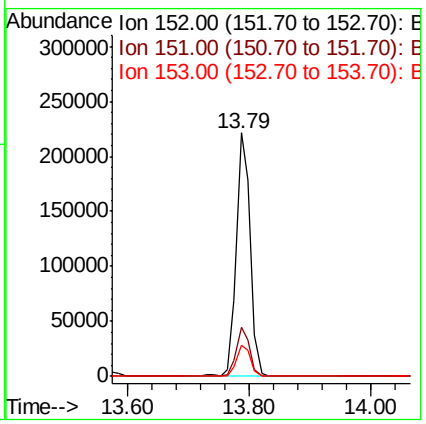


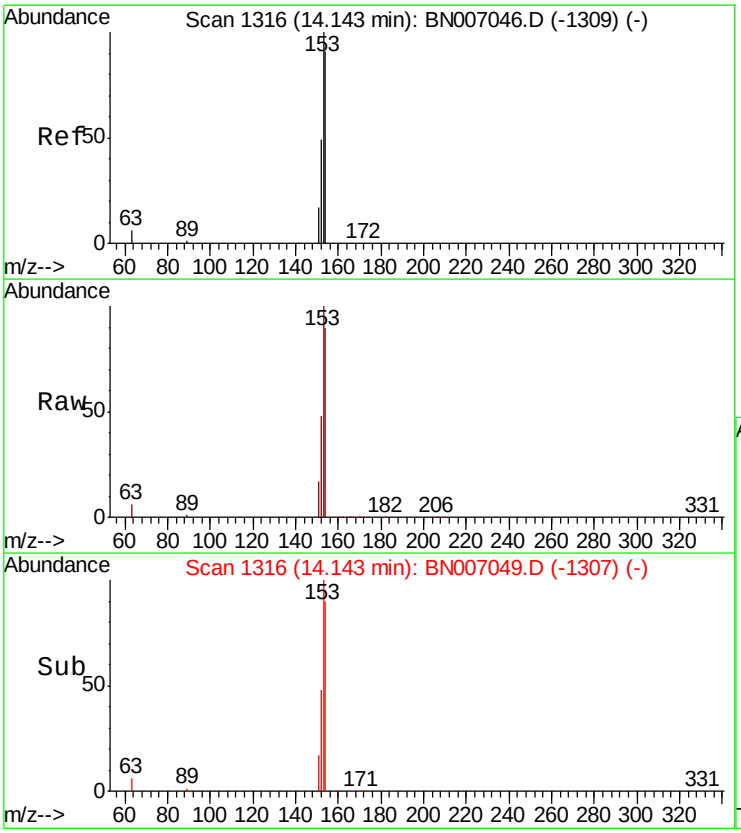
#15
Acenaphthylene
Concen: 3.097 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 347050

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

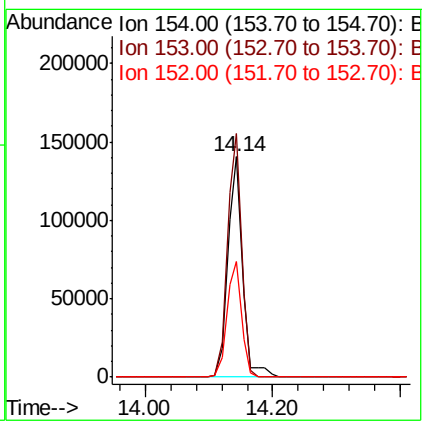


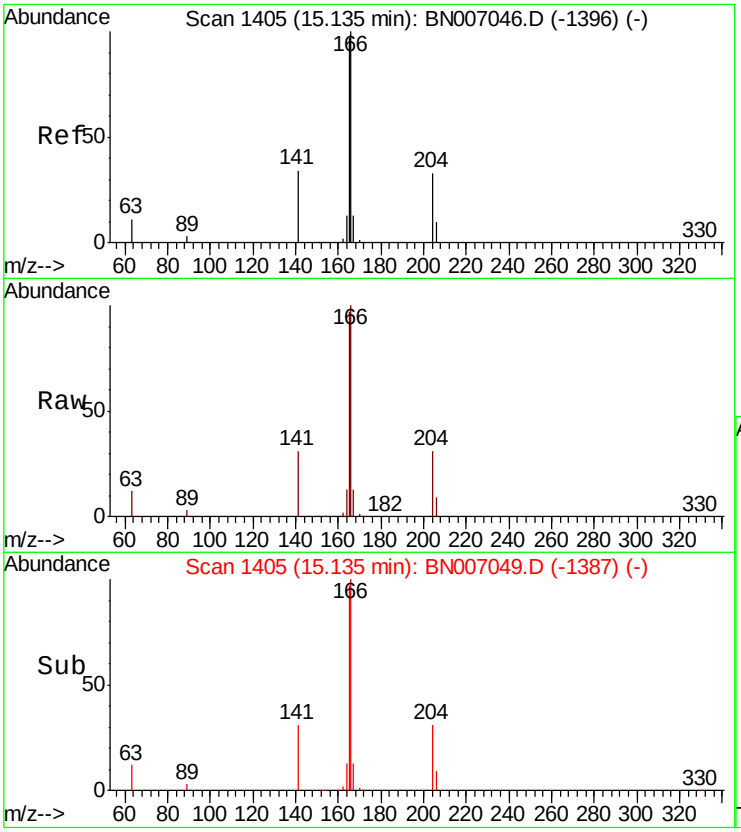


#16
Acenaphthene
Concen: 3.067 ng
RT: 14.14 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:154 Resp: 222247

Ion	Ratio	Lower	Upper
154	100		
153	106.8	89.5	134.3
152	52.1	44.8	67.2



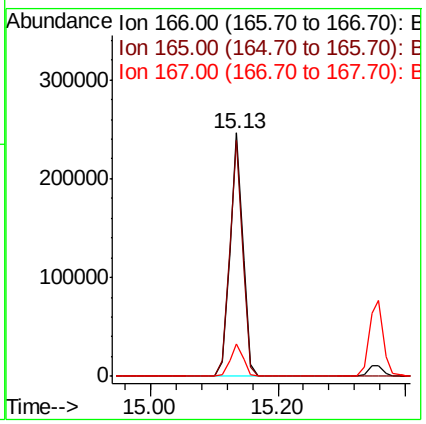


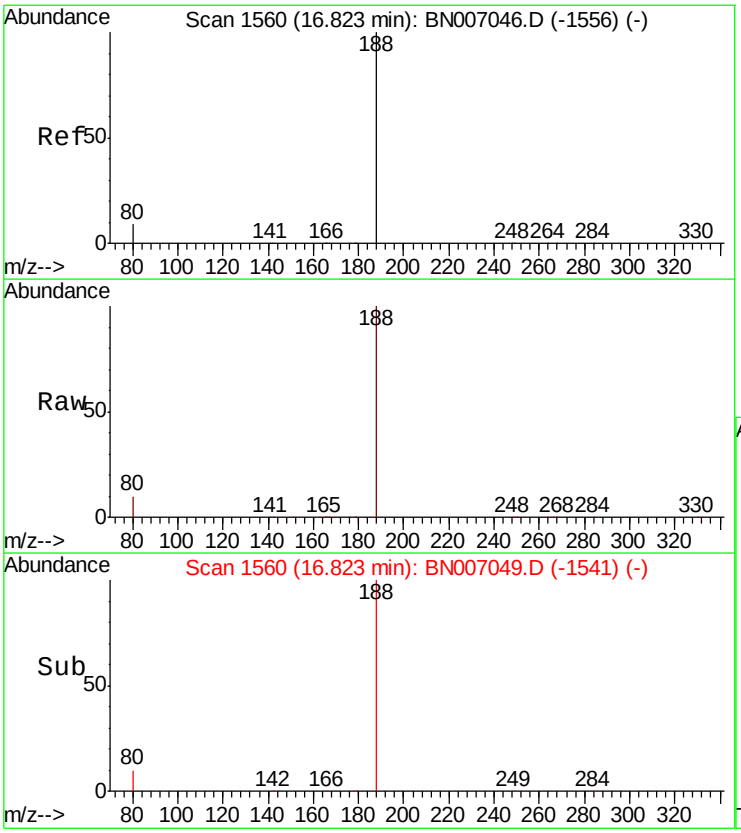
#17
Fluorene
Concen: 3.285 ng
RT: 15.13 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:166 Resp: 345485

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.9	116.9
167	13.5	10.9	16.3

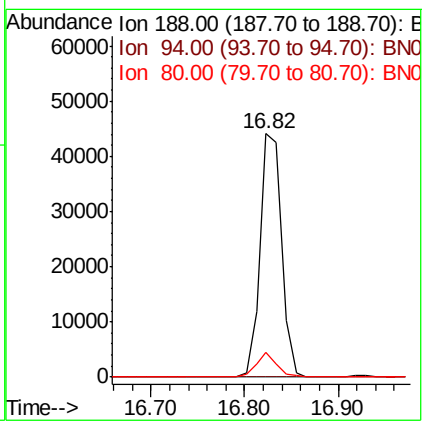


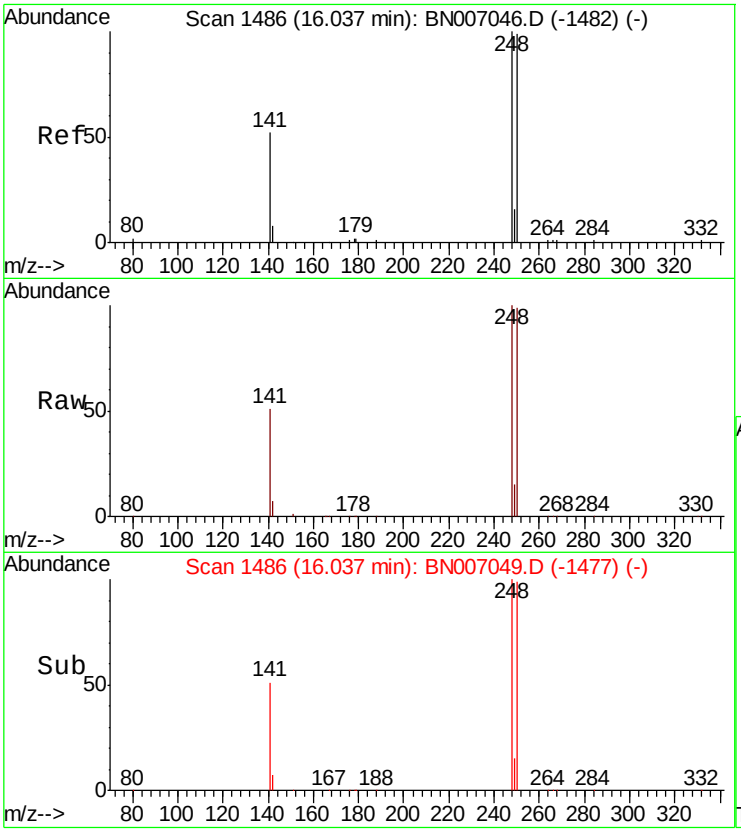


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:188 Resp: 70400

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	7.8	11.6



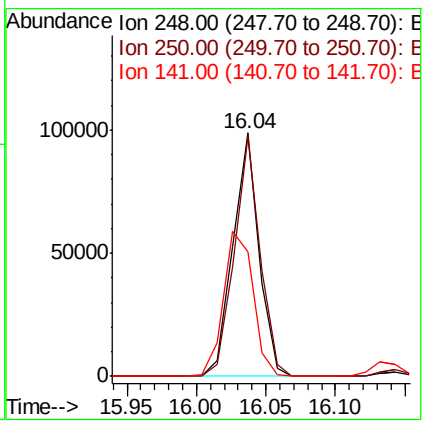


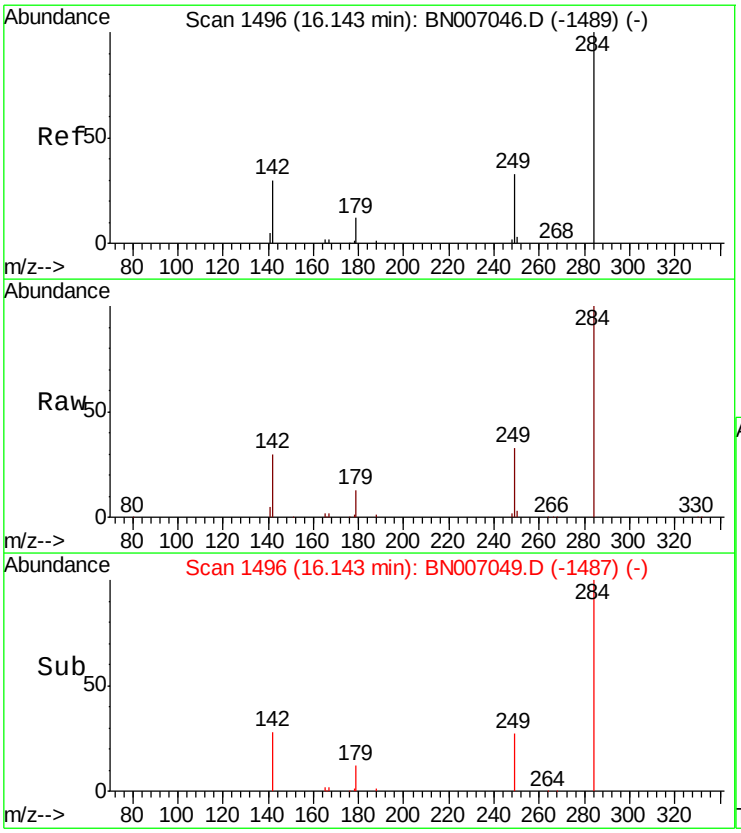
#19
4-Bromophenyl-phenylether
Concen: 2.736 ng
RT: 16.04 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:248 Resp: 128170

Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.9	118.3
141	51.3	43.3	64.9

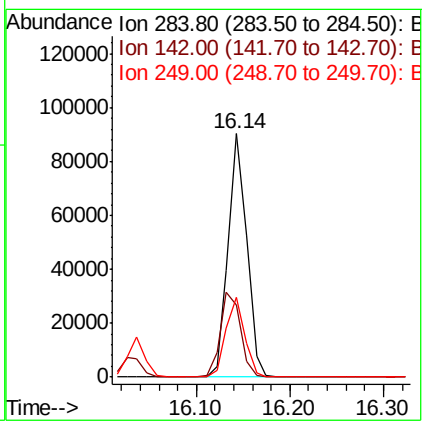


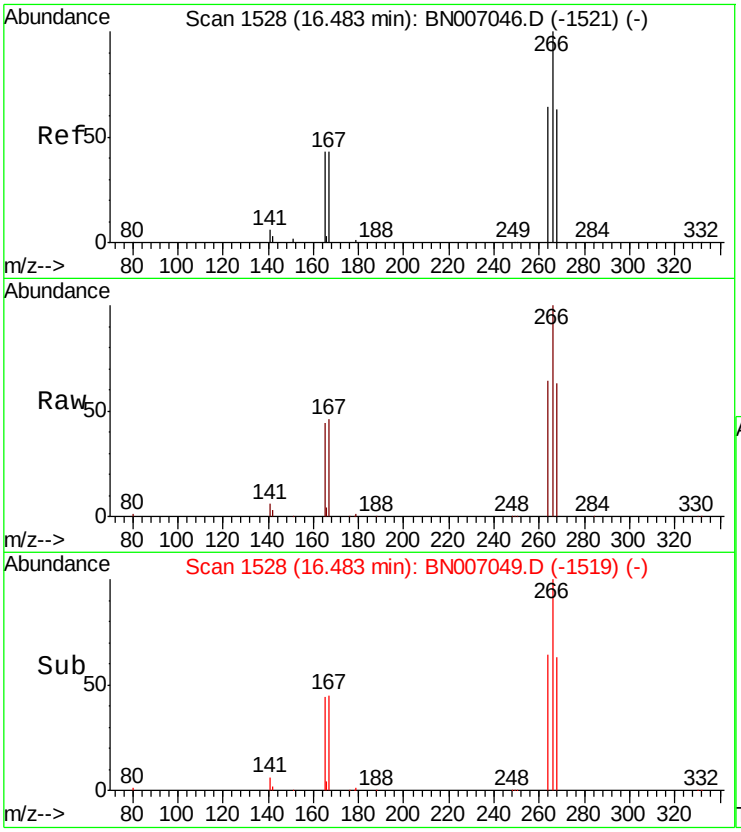


#20
Hexachlorobenzene
Concen: 2.828 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:284 Resp: 123773

Ion	Ratio	Lower	Upper
284	100		
142	38.3	30.5	45.7
249	33.2	26.7	40.1



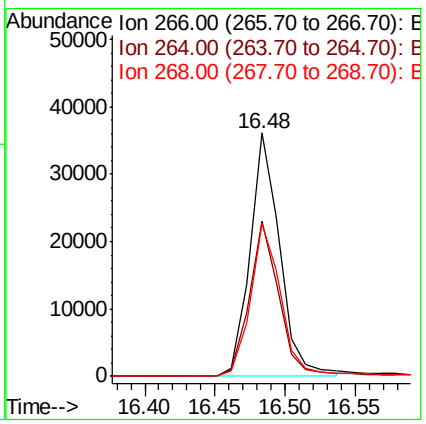


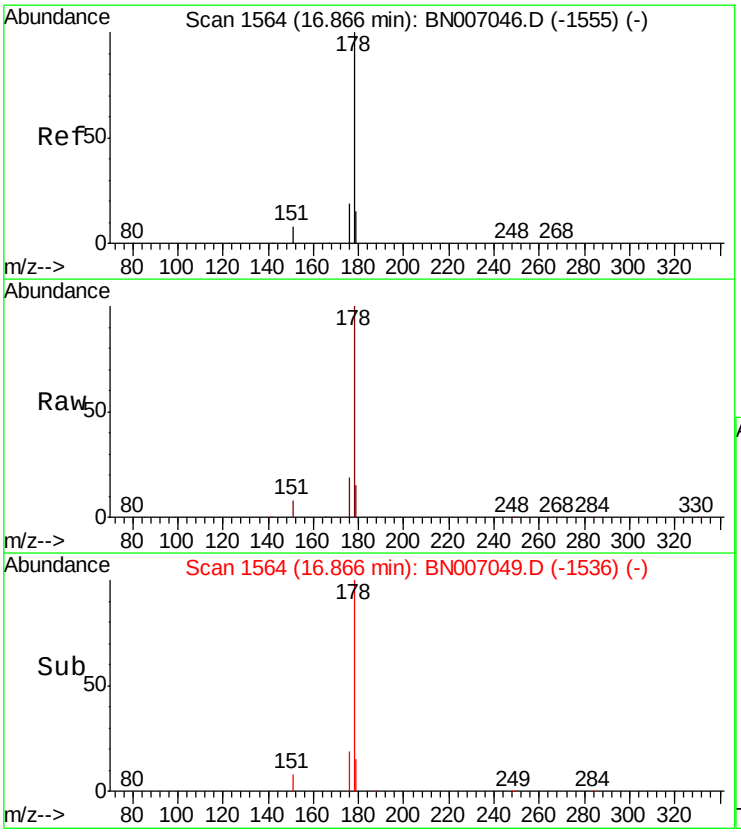
#21
Pentachlorophenol
Concen: 3.491 ng
RT: 16.48 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:266 Resp: 53176

Ion	Ratio	Lower	Upper
266	100		
264	63.9	52.3	78.5
268	62.6	51.5	77.3

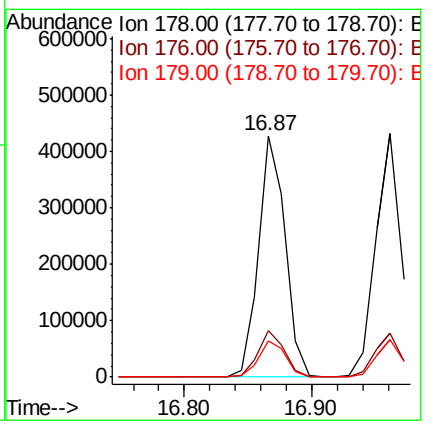


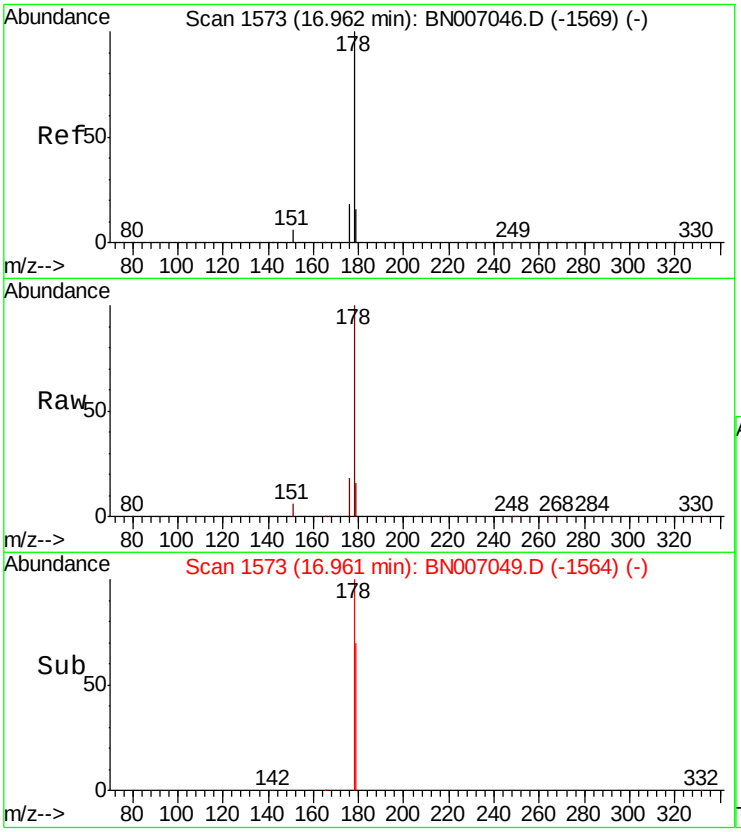


#22
Phenanthrene
Concen: 2.815 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:178 Resp: 622194

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



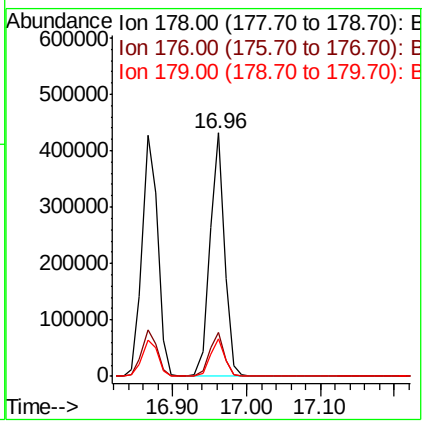


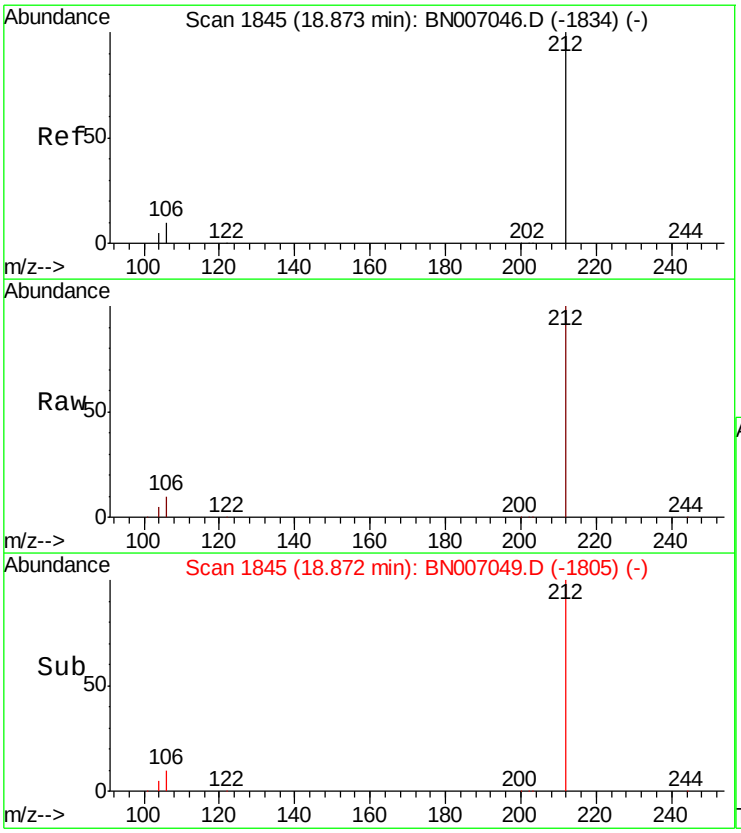
#23
Anthracene
Concen: 3.109 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 598872

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.5	12.5	18.7

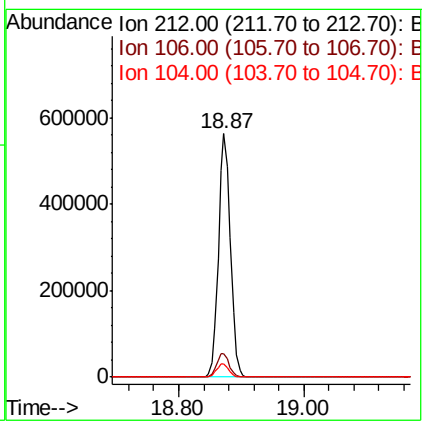


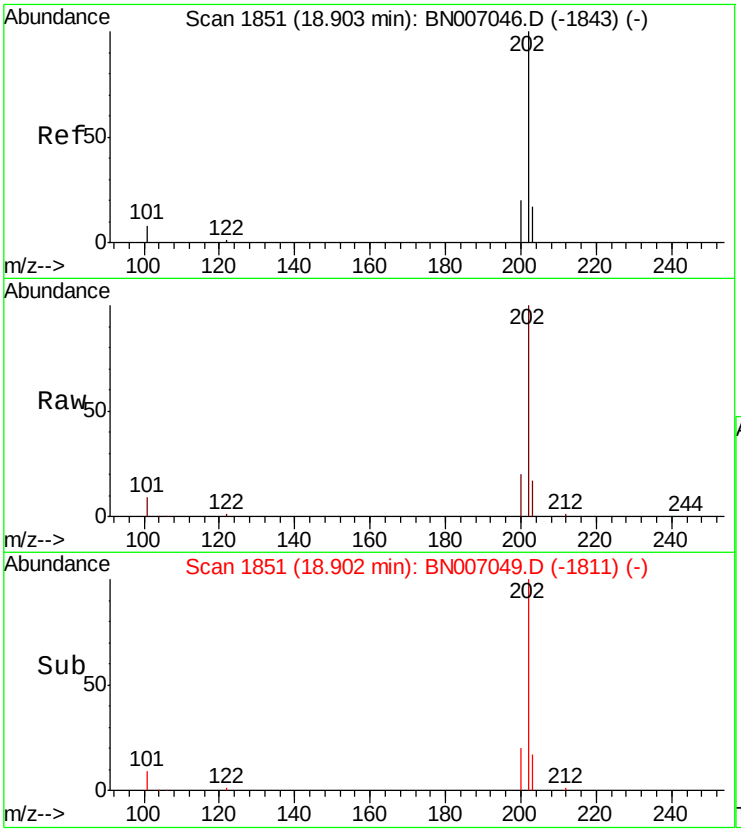


#24
Fluoranthene-d10
Concen: 2.880 ng
RT: 18.87 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:212 Resp: 749172

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



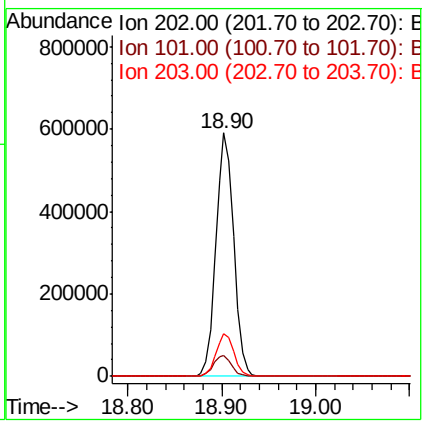


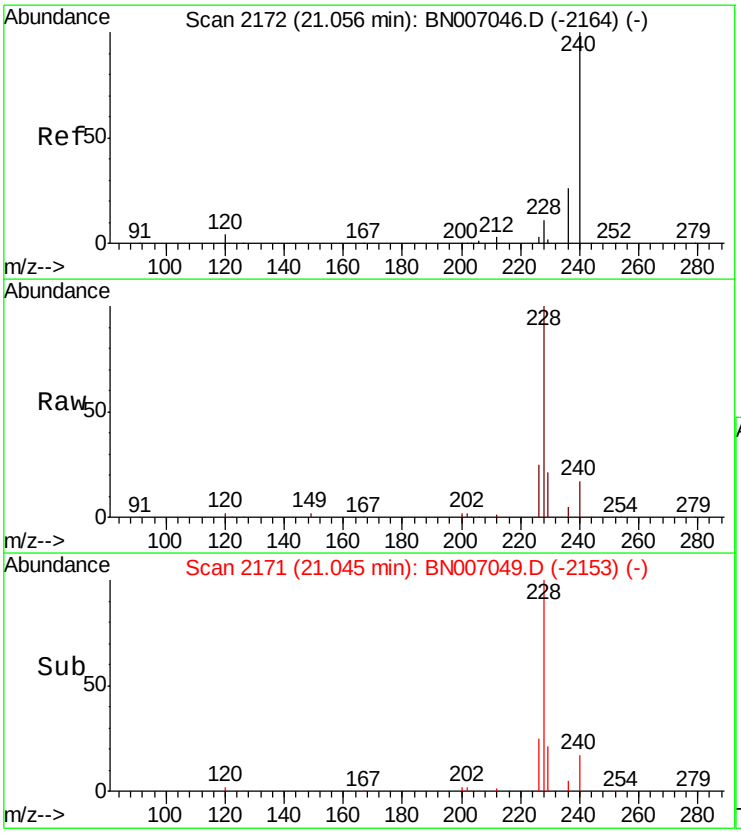
#25
Fluoranthene
Concen: 2.744 ng
RT: 18.90 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 778739

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.4
203	17.5	13.8	20.8

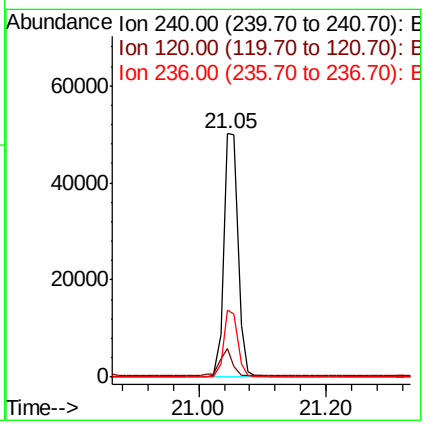


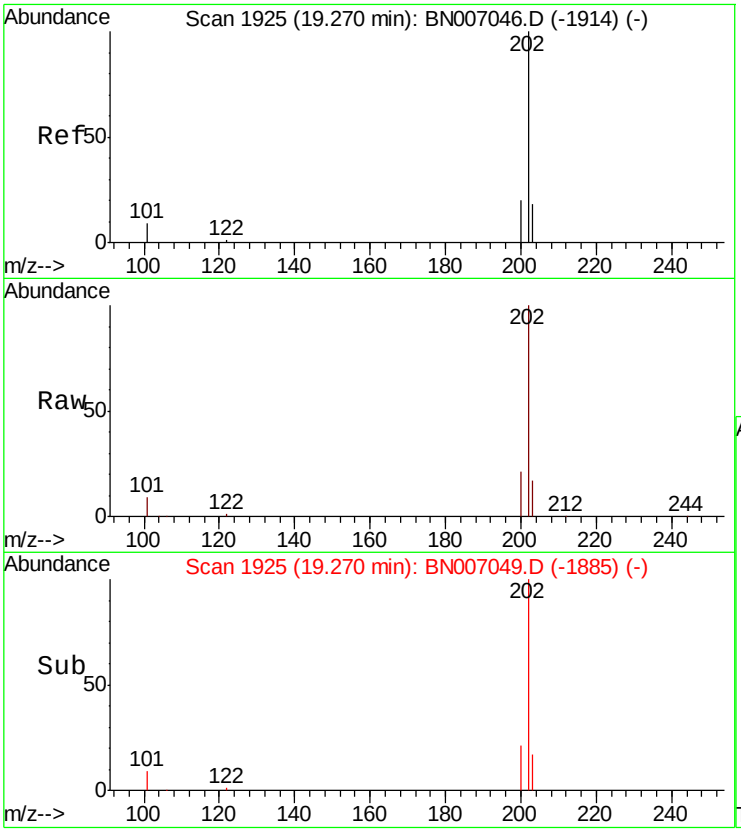


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:240 Resp: 77590

Ion	Ratio	Lower	Upper
240	100		
120	11.8	4.0	6.0#
236	27.8	21.3	31.9



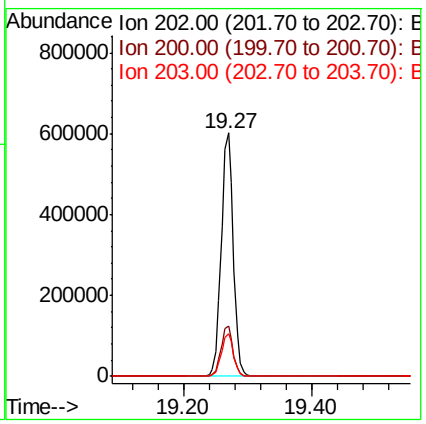


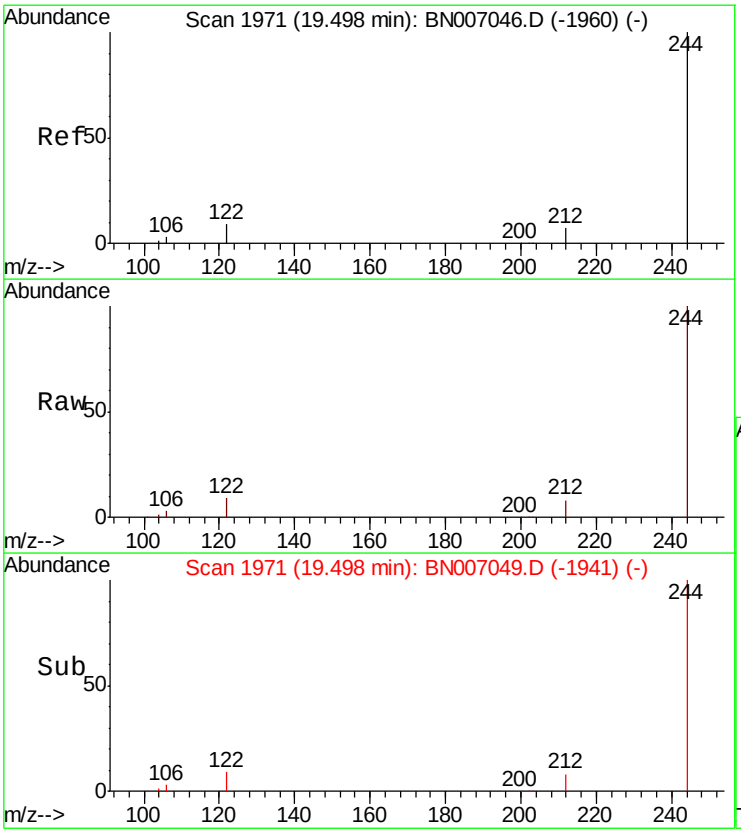
#27
Pyrene
Concen: 2.746 ng
RT: 19.27 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 804749

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.5	14.0	21.0

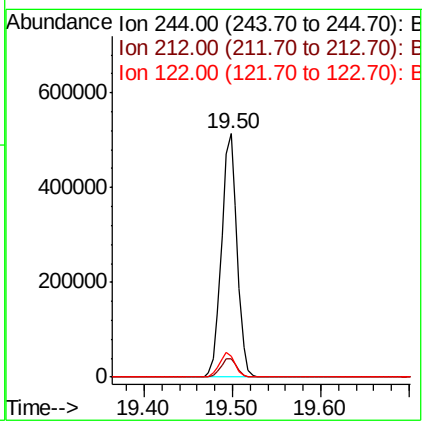


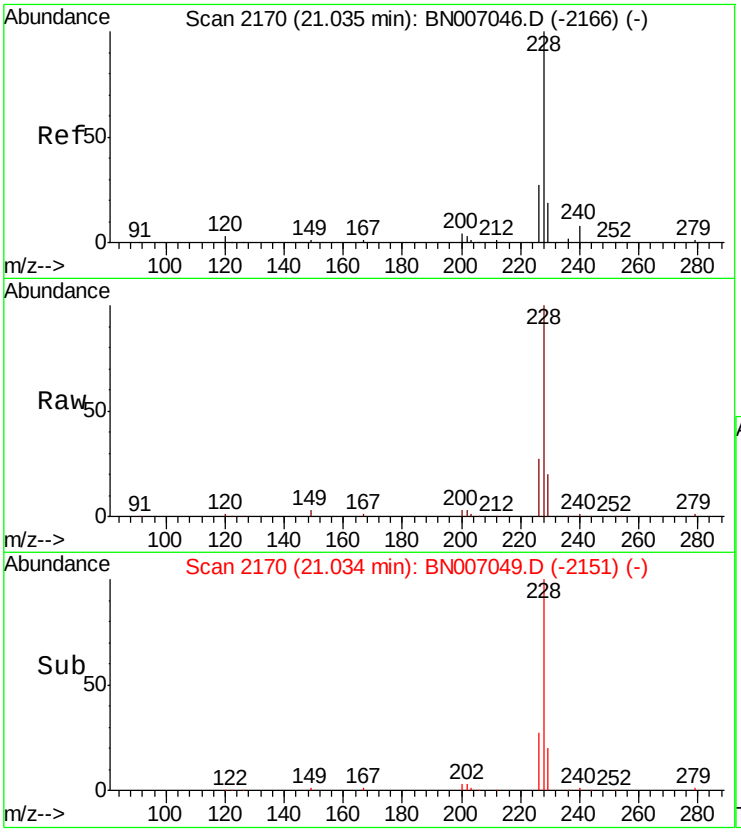


#28
Terphenyl-d14
Concen: 2.793 ng
RT: 19.50 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:244 Resp: 626456

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	8.8	7.4	11.2



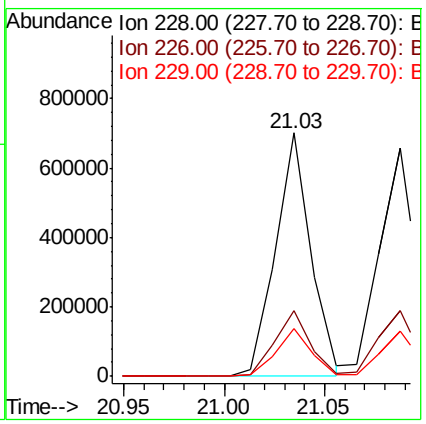


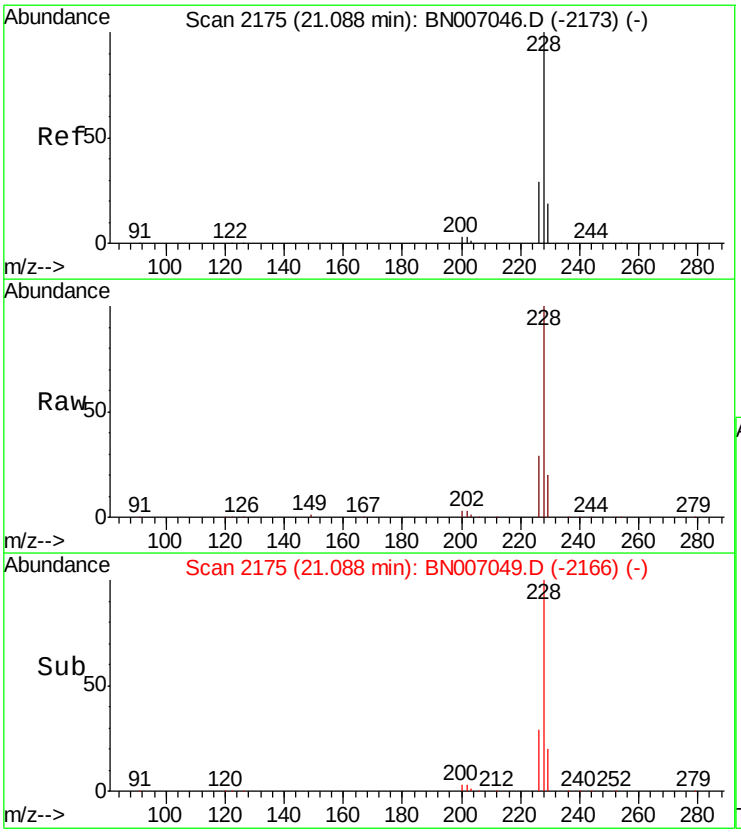
#29
Benzo(a)anthracene
Concen: 2.918 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 857088

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.6
229	19.7	15.6	23.4

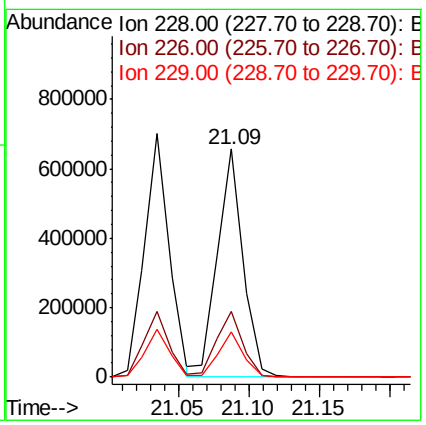


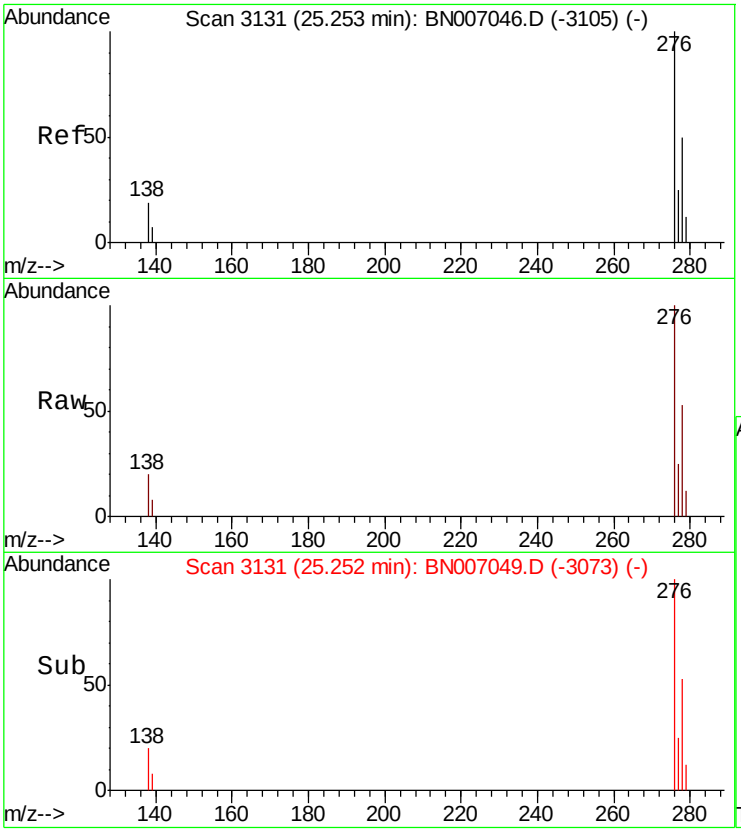


#30
Chrysene
Concen: 2.871 ng
RT: 21.09 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:228 Resp: 833860

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.8	35.6
229	19.8	15.7	23.5



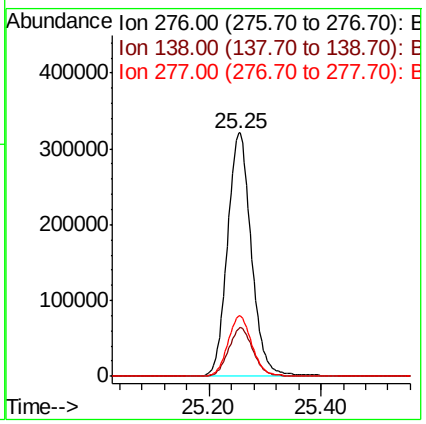


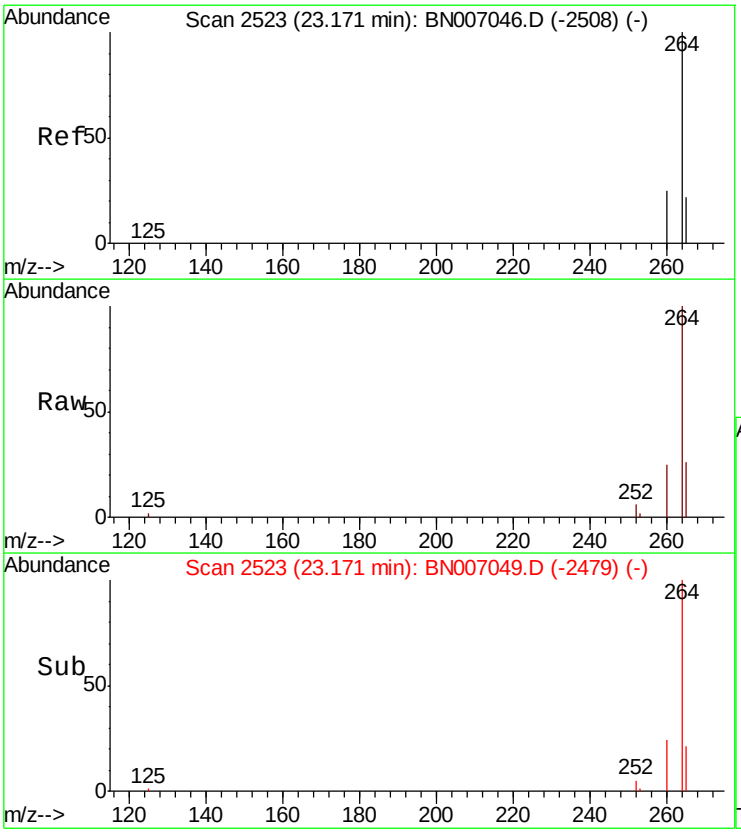
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.065 ng
RT: 25.25 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 952154

Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.0	24.0
277	25.0	19.9	29.9

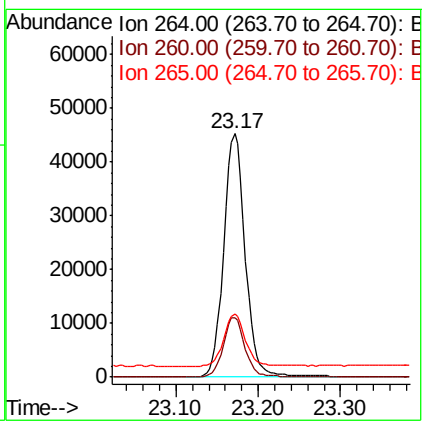


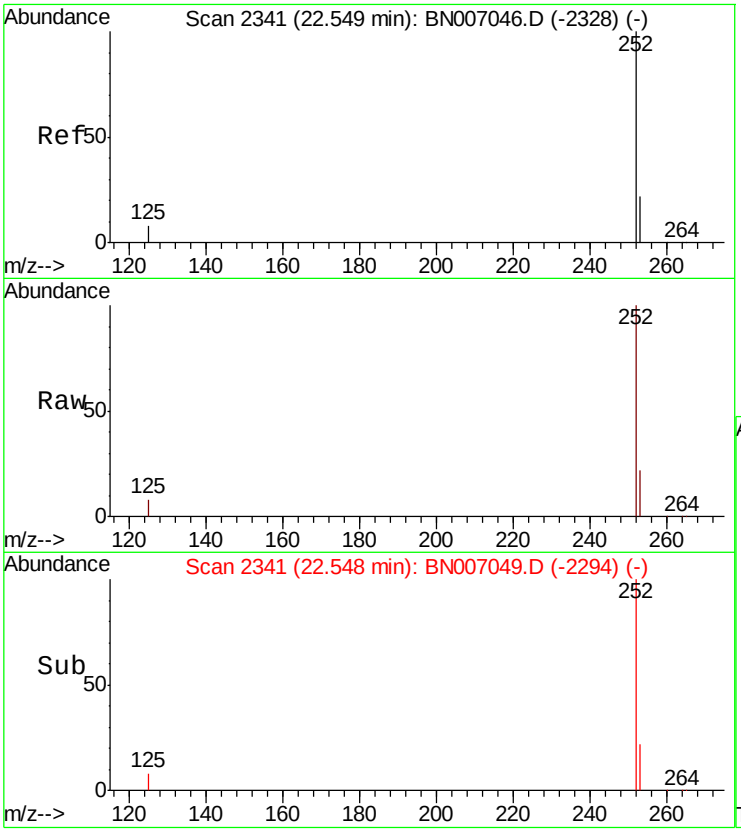


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.17 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:264 Resp: 81602

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	25.8	26.2	39.4#



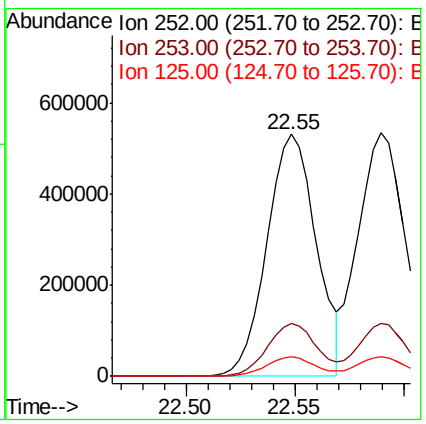


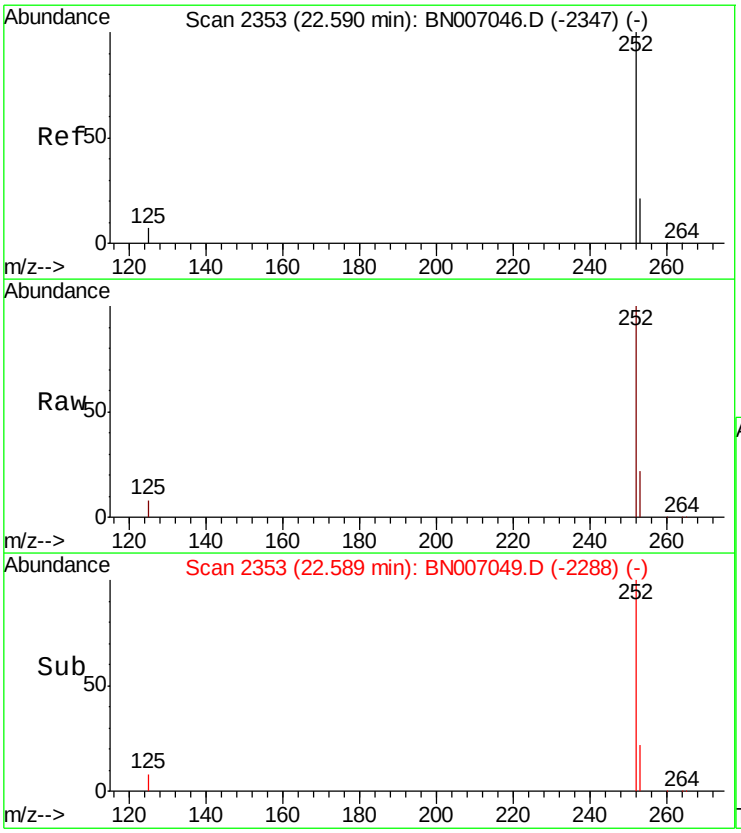
#33
Benzo(b)fluoranthene
Concen: 2.937 ng
RT: 22.55 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 834280

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	7.9	7.4	11.0

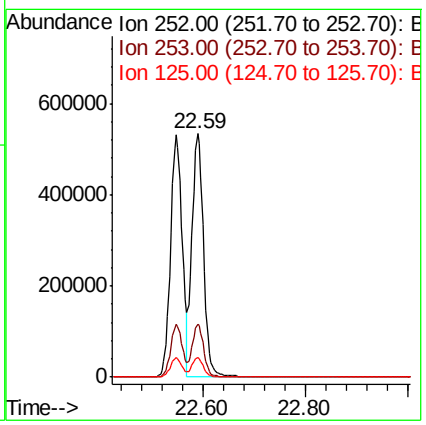


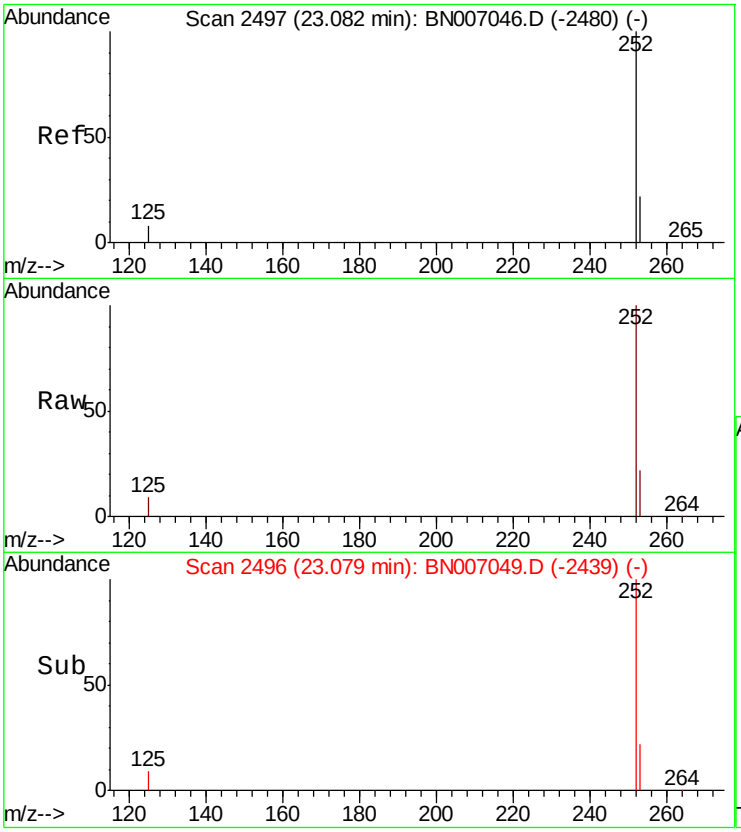


#34
Benzo(k)fluoranthene
Concen: 2.945 ng
RT: 22.59 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:252 Resp: 836520

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	7.9	7.4	11.0



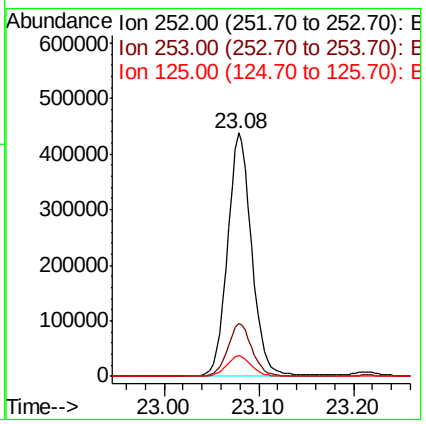


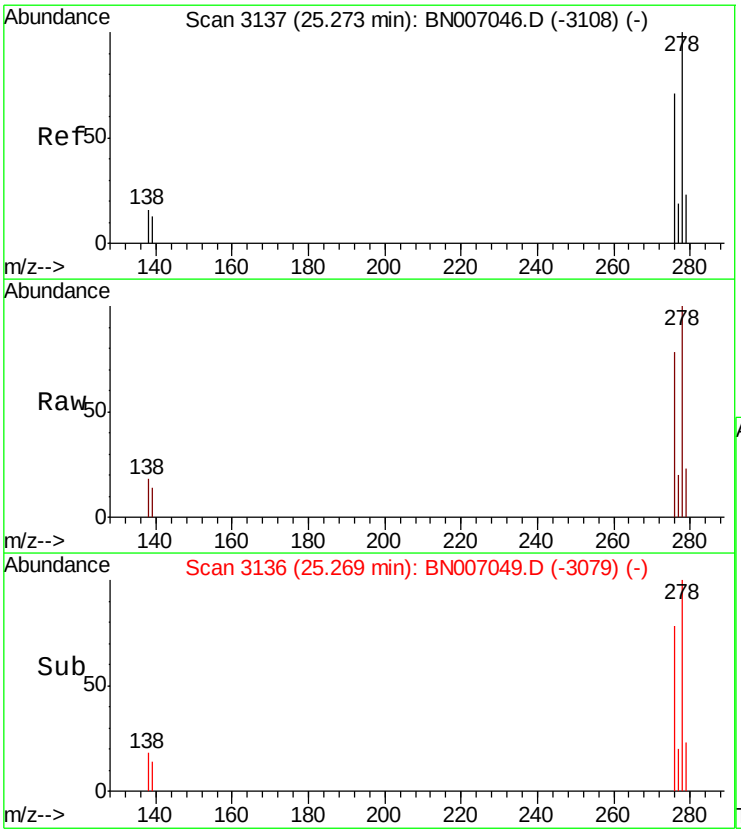
#35
Benzo(a)pyrene
Concen: 3.032 ng
RT: 23.08 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 776694

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	8.6	8.2	12.4

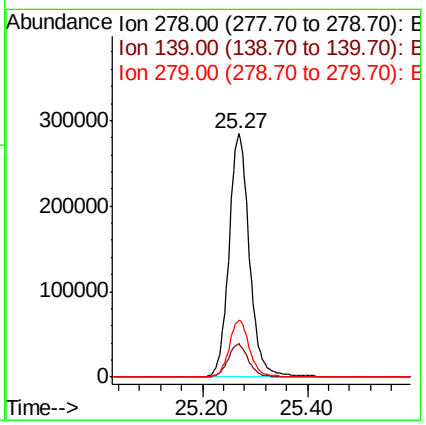


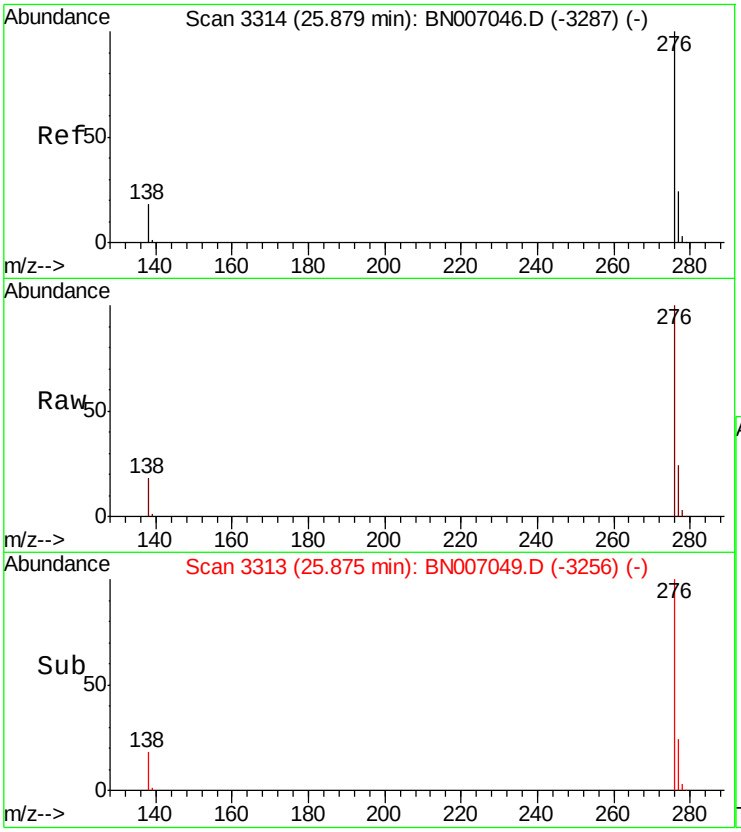


#36
Dibenzo(a,h)anthracene
Concen: 3.019 ng
RT: 25.27 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:278 Resp: 770815

Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.3	16.9
279	23.4	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 2.935 ng
RT: 25.88 min Scan# 3313
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 782859

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.8	29.8
138	17.9	14.6	22.0