Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010174.D
Acq On : 11 Mar 2020 03:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DFTPP

Quant Time: Mar 11 04:30:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	801	0.40	ng		-0.05
7) Naphthalene-d8	10.13	136	2366	0.40	ng		-0.05
13) Acenaphthene-d10	14.00	164	1483	0.40	ng		-0.06
19) Phenanthrene-d10	16.78	188	3045	0.40	ng		-0.03
27) Chrysene-d12	20.99	240	3012	0.40	ng		-0.04
34) Perylene-d12	23.10	264	3213	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	709	0.40	ng		-0.04
5) Phenol-d6	6.62	99	874	0.40	ng		-0.02
8) Nitrobenzene-d5	8.58	82	746	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	11.74	152	1975	0.43	ng		-0.04
14) 2,4,6-Tribromophenol	15.55	330	221	0.39	ng		-0.03
15) 2-Fluorobiphenyl	12.64	172	2473	0.44	ng		-0.04
25) Fluoranthene-d10	18.83	212	4181	0.40	ng		-0.03
29) Terphenyl-d14	19.44	244	2920	0.41	ng		-0.03
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.40	42	712	0.529	ng	#	91
6) bis(2-Chloroethyl)ether	6.85	93	1049	0.498	ng		90
9) Naphthalene	10.18	128	2671	0.414	ng		95
10) Hexachlorobutadiene	10.43	225	637	0.449	ng	#	100
12) 2-Methylnaphthalene	11.83	142	1971	0.445	ng		96
16) Acenaphthylene	13.72	152	2474	0.391	ng		99
17) Acenaphthene	14.07	154	1775	0.399	ng		99
18) Fluorene	15.08	166	2221	0.379	ng		98
21) Hexachlorobenzene	16.09	284	809	0.427	ng		97
22) Pentachlorophenol	16.48	266	175	0.454	ng		93
23) Phenanthrene	16.83	178	3502	0.386	ng		100
24) Anthracene	16.93	178	2959	0.386	ng		100
26) Fluoranthene	18.85	202	4322	0.398	ng		99
28) Pyrene	19.22	202	4943	0.432	ng		98
30) Benzo(a)anthracene	20.98	228	3543	0.354	ng		99
31) Chrysene	21.03	228	4877	0.422	ng		99
32) Bis(2-ethylhexyl)phthalate	20.91	149	2188	0.449	ng		95
33) Indeno(1,2,3-cd)pyrene	25.14	276	5439	0.452	ng		97
35) Benzo(b)fluoranthene	22.49	252	4556	0.388	ng	#	95
36) Benzo(k)fluoranthene	22.53	252	5210	0.407	ng		99
37) Benzo(a)pyrene	23.02	252	4262	0.398	ng	#	93
38) Dibenzo(a,h)anthracene	25.14	278	4285	0.406	ng		99
39) Benzo(g,h,i)perylene	25.76	276	4789	0.426	ng		98

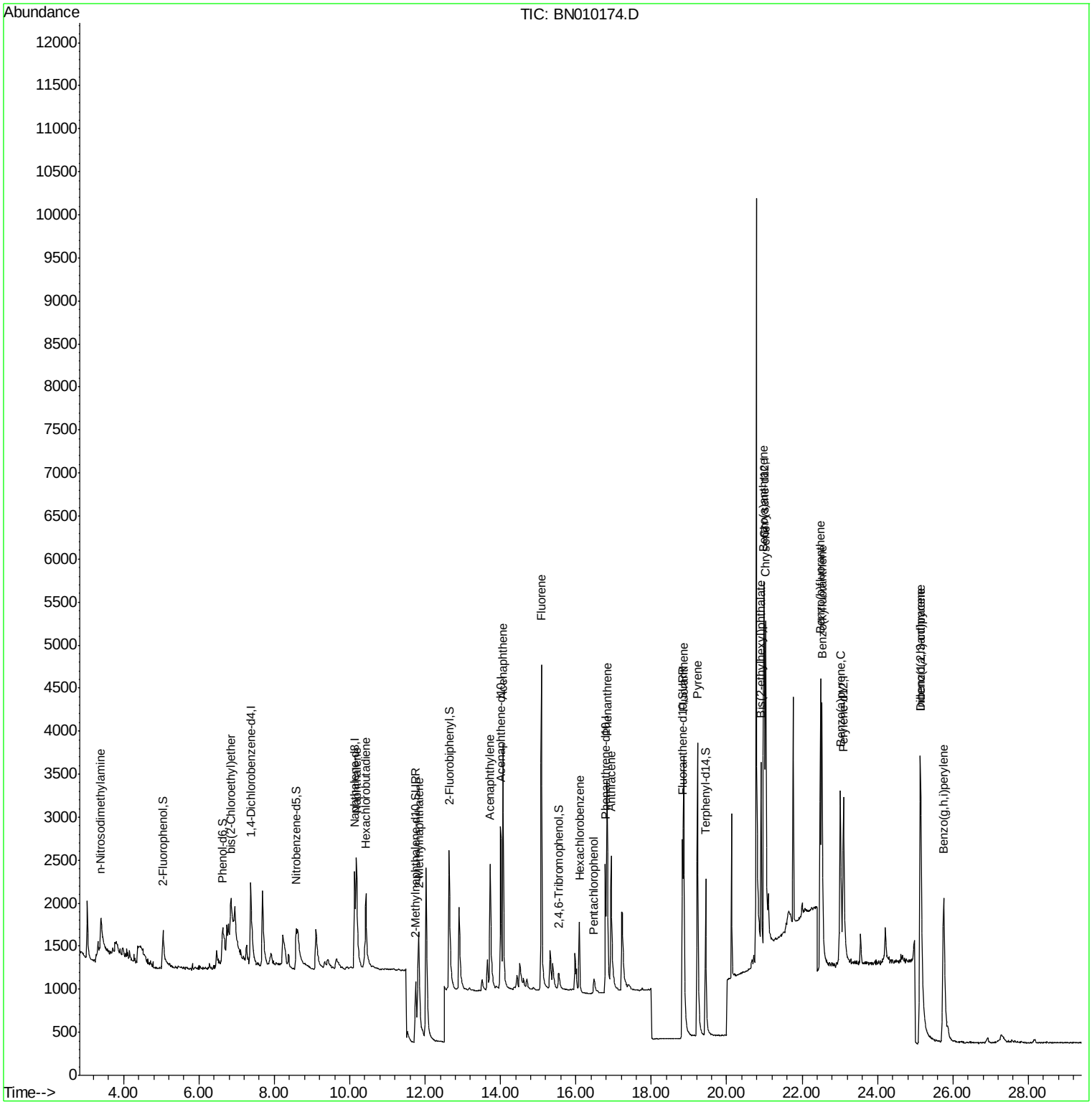
(#) = qualifier out of range (m) = manual integration (+) = signals summed

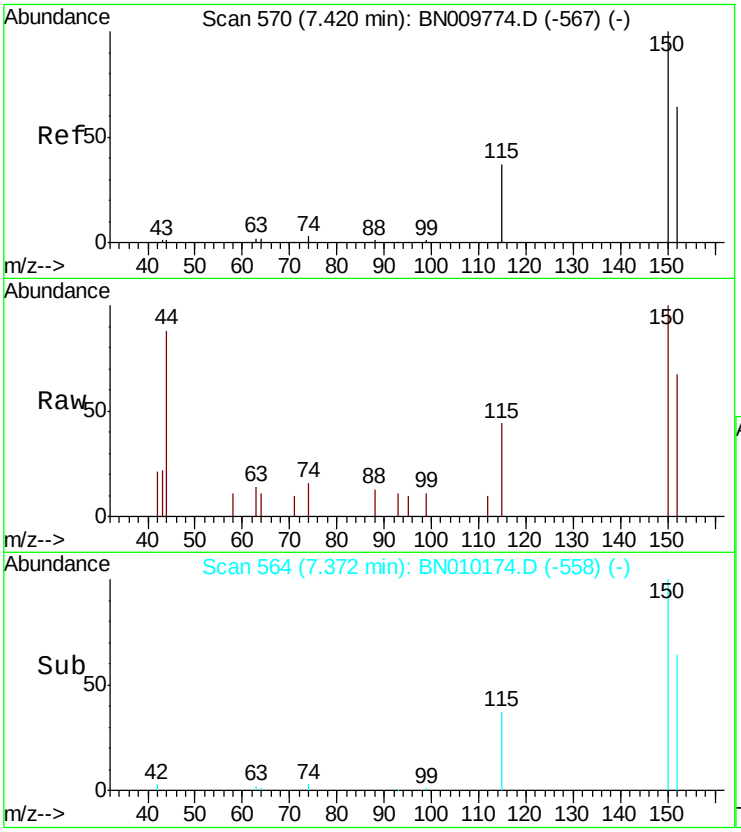
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010174.D
Acq On : 11 Mar 2020 03:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DFTPP

Quant Time: Mar 11 04:30:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



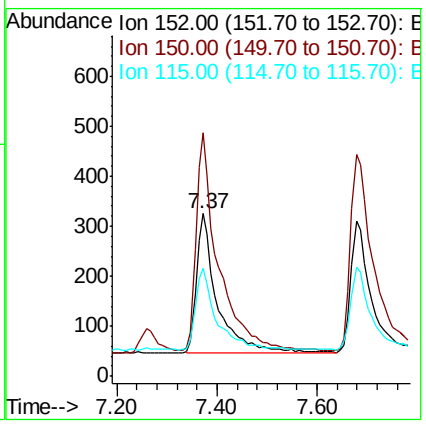


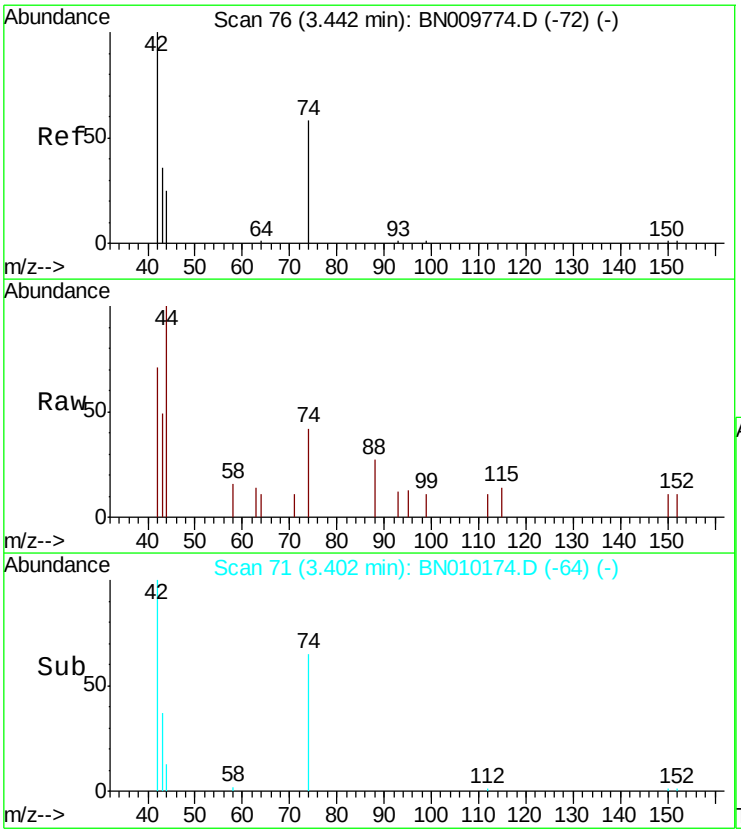
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 801

Ion	Ratio	Lower	Upper
152	100		
150	149.8	120.6	181.0
115	66.2	51.2	76.8

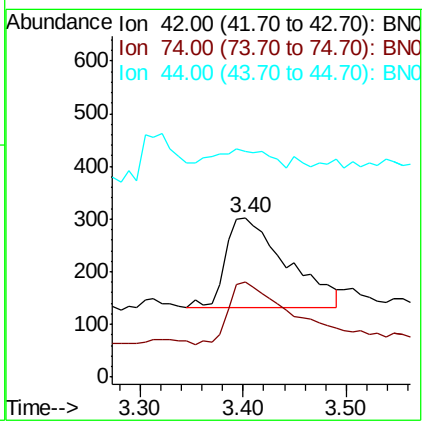


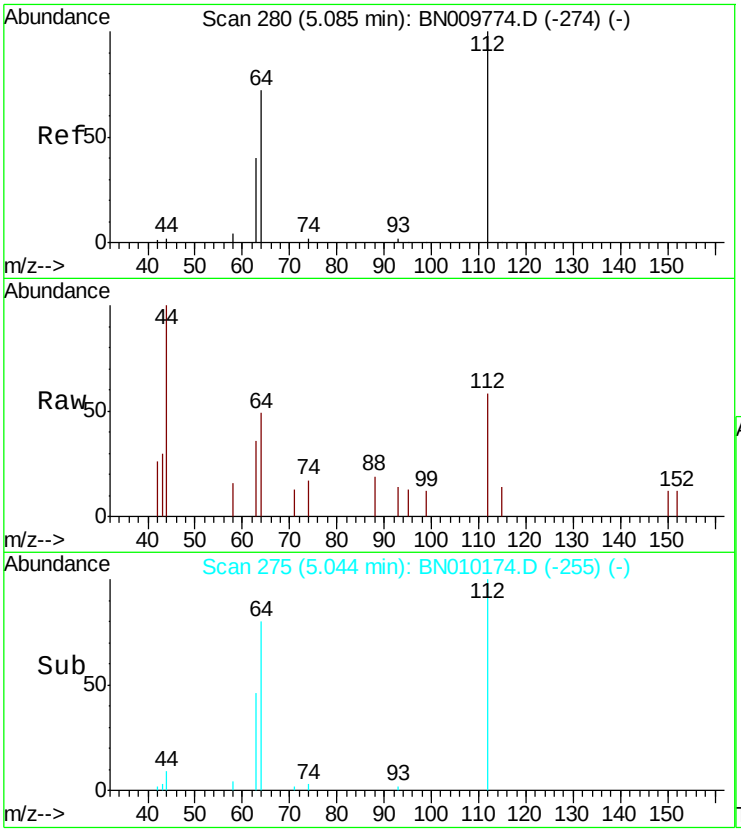


#3
n-Nitrosodimethylamine
Concen: 0.529 ng
RT: 3.40 min Scan# 71
Delta R.T. -0.04 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion: 42 Resp: 712

Ion	Ratio	Lower	Upper
42	100		
74	69.4	51.2	76.8
44	19.1	2.6	4.0#



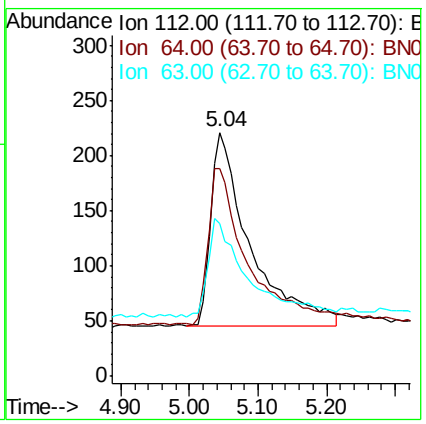


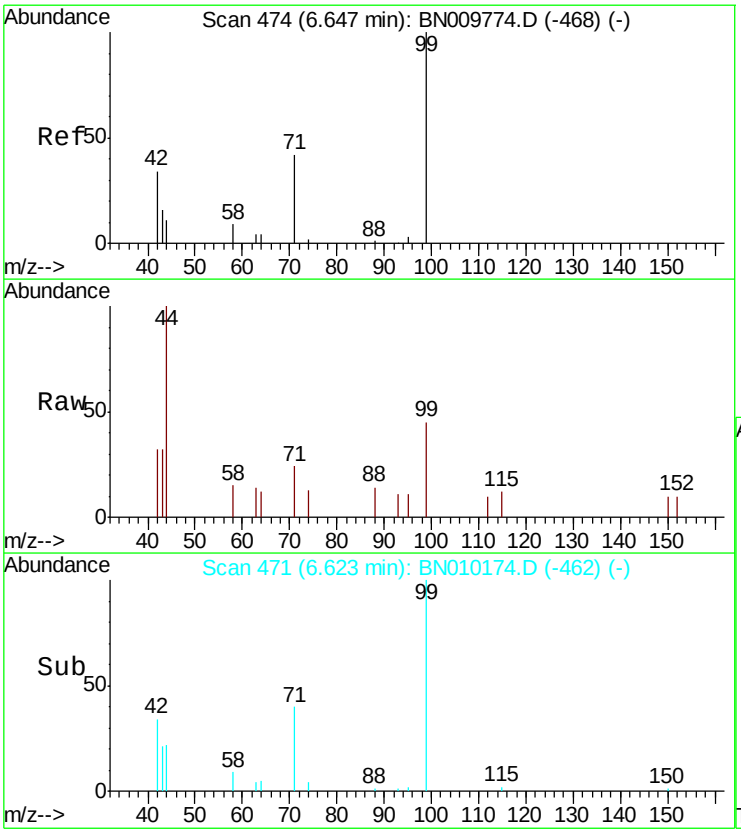
#4
2-Fluorophenol
Concen: 0.398 ng
RT: 5.04 min Scan# 275
Delta R.T. -0.04 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:112 Resp: 709

Ion	Ratio	Lower	Upper
112	100		
64	81.2	65.8	98.6
63	52.5	38.7	58.1

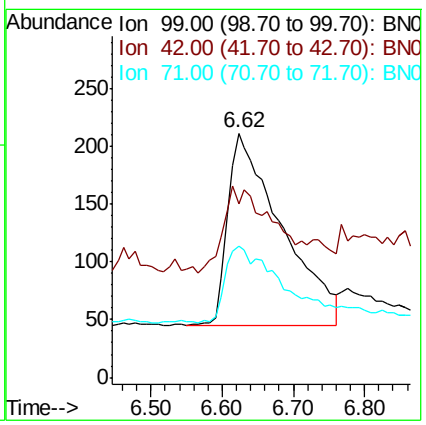


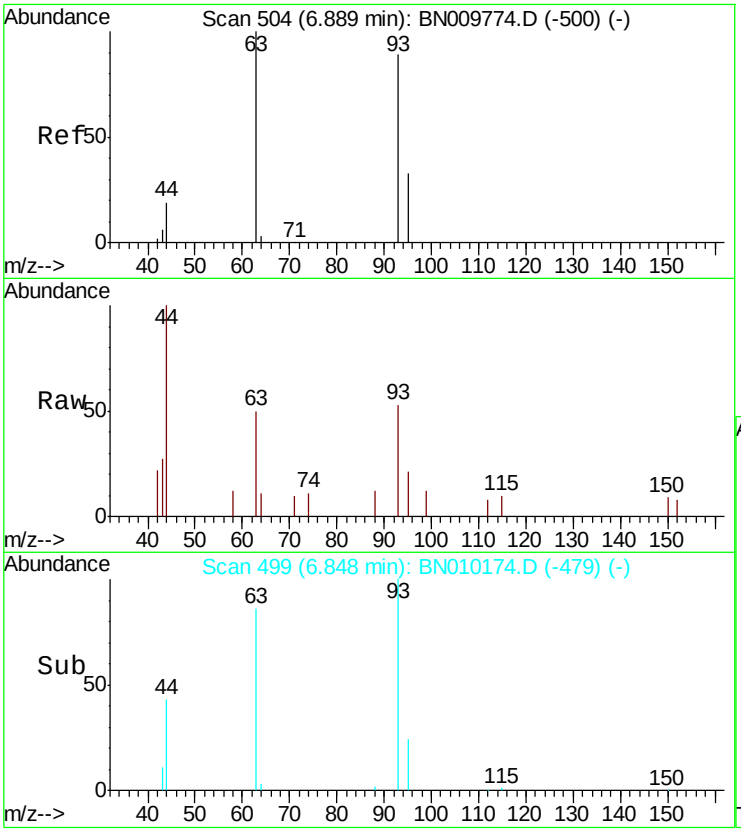


#5
Phenol-d6
Concen: 0.403 ng
RT: 6.62 min Scan# 471
Delta R.T. -0.02 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion: 99 Resp: 874

Ion	Ratio	Lower	Upper
99	100		
42	43.2	30.8	46.2
71	42.7	34.9	52.3



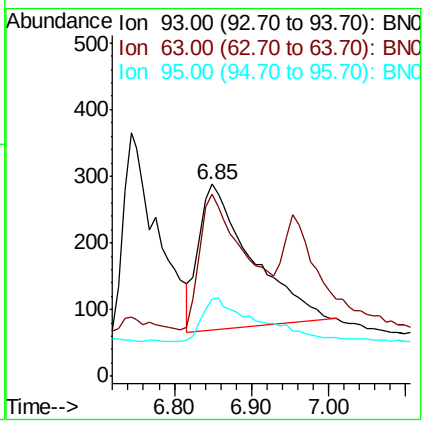


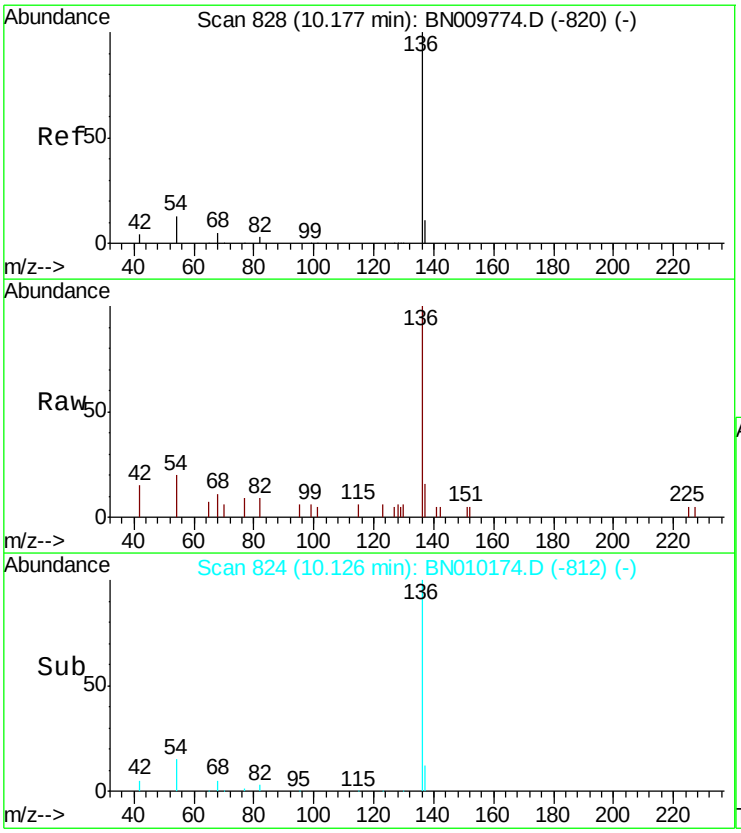
#6
bis(2-Chloroethyl)ether
Concen: 0.498 ng
RT: 6.85 min Scan# 499
Delta R.T. -0.04 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion: 93 Resp: 1049

Ion	Ratio	Lower	Upper
93	100		
63	80.7	74.0	111.0
95	30.5	26.7	40.1

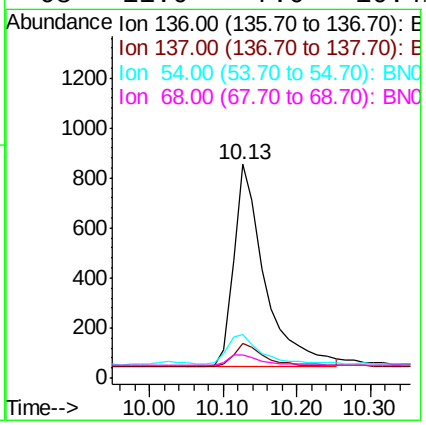


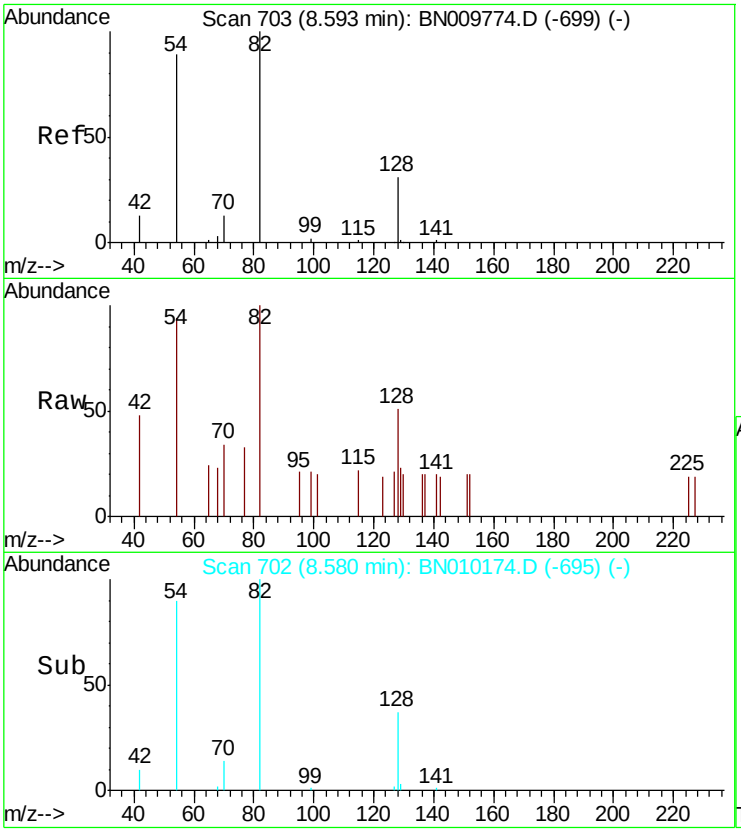


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 824
Delta R.T. -0.05 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:136 Resp: 2366

Ion	Ratio	Lower	Upper
136	100		
137	16.4	11.3	16.9
54	20.4	13.4	20.2#
68	11.0	7.0	10.4#



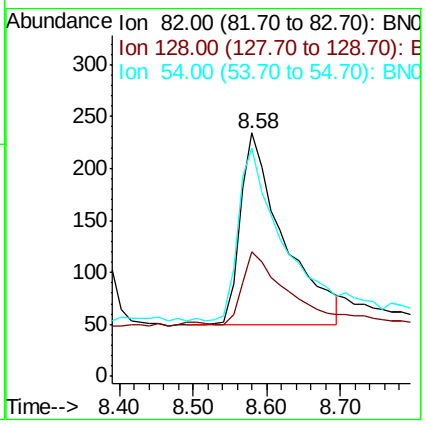


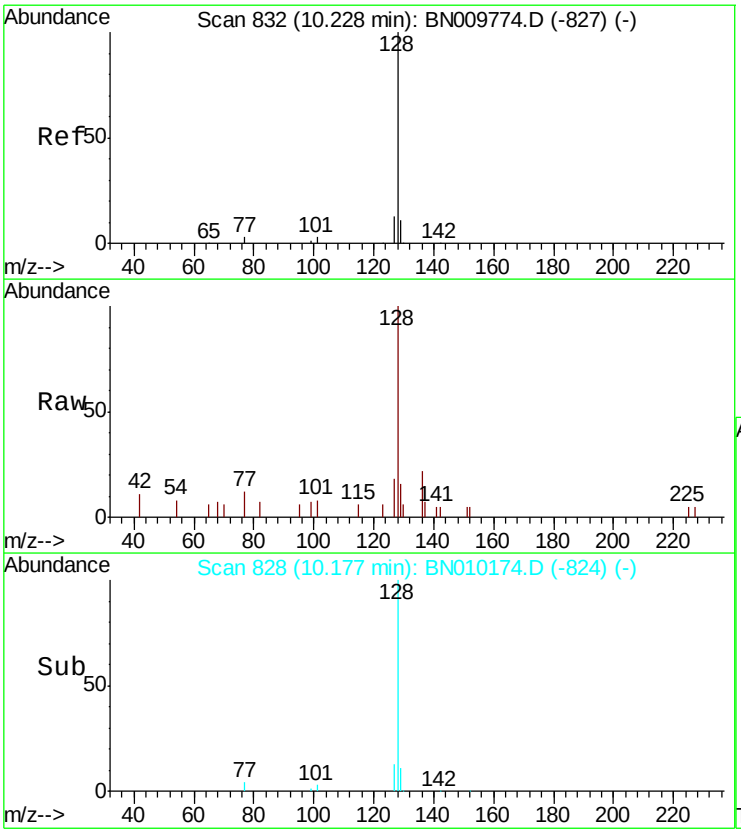
#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 8.58 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion: 82 Resp: 746

Ion	Ratio	Lower	Upper
82	100		
128	51.3	32.5	48.7#
54	94.0	73.5	110.3

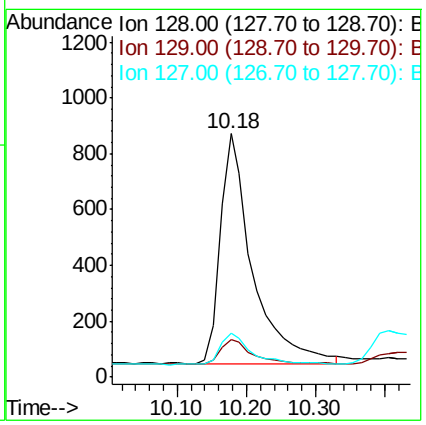


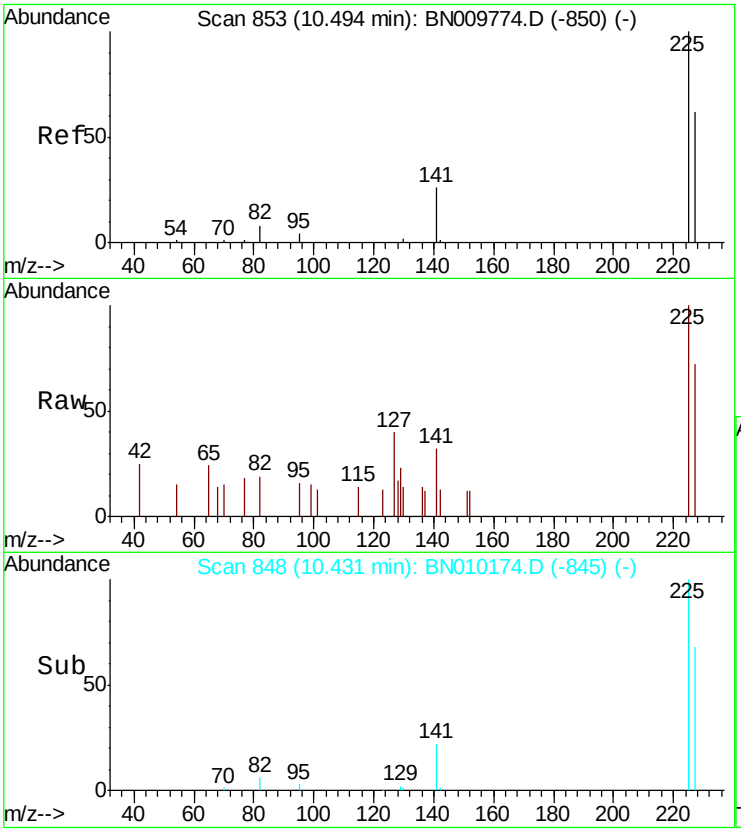


#9
Naphthalene
Concen: 0.414 ng
RT: 10.18 min Scan# 828
Delta R.T. -0.05 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:128 Resp: 2671

Ion	Ratio	Lower	Upper
128	100		
129	15.6	11.1	16.7
127	18.0	12.6	19.0



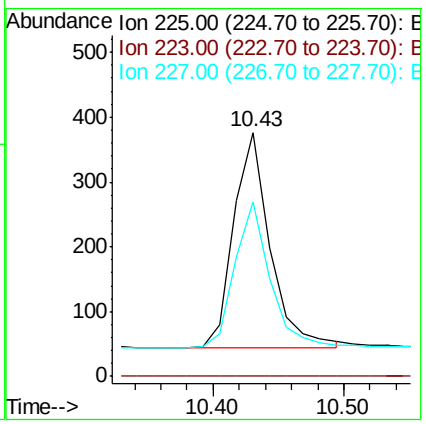


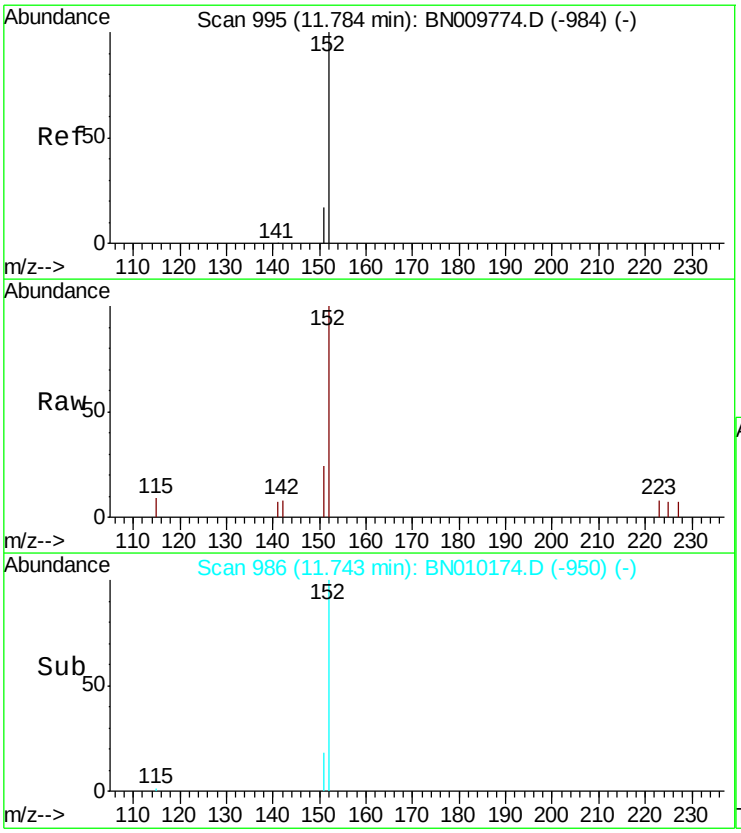
#10
Hexachlorobutadiene
Concen: 0.449 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.06 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:225 Resp: 637

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	66.7	53.4	80.2

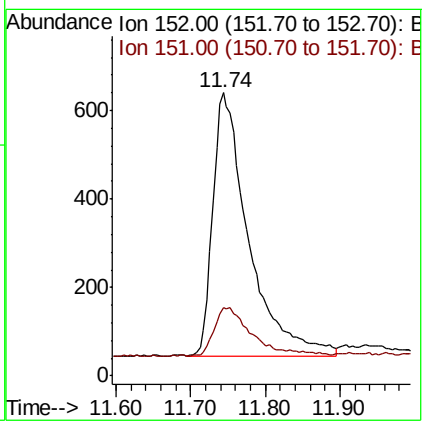


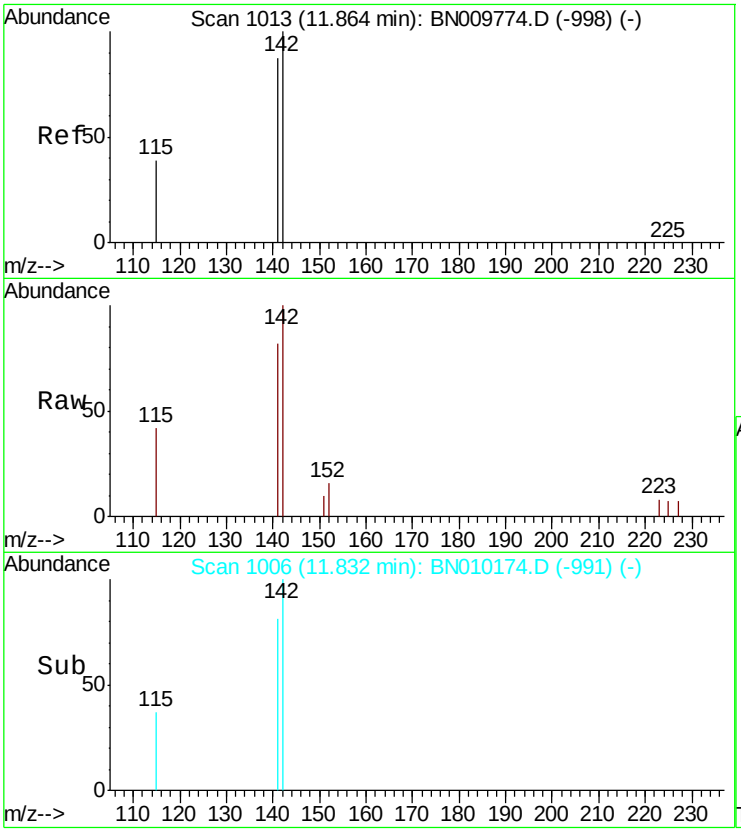


#11
2-Methylnaphthalene-d10
Concen: 0.431 ng
RT: 11.74 min Scan# 986
Delta R.T. -0.04 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:152 Resp: 1975

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7



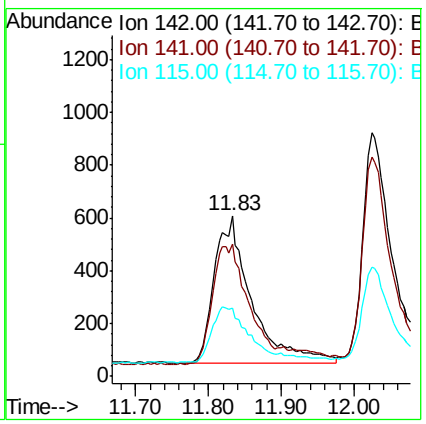


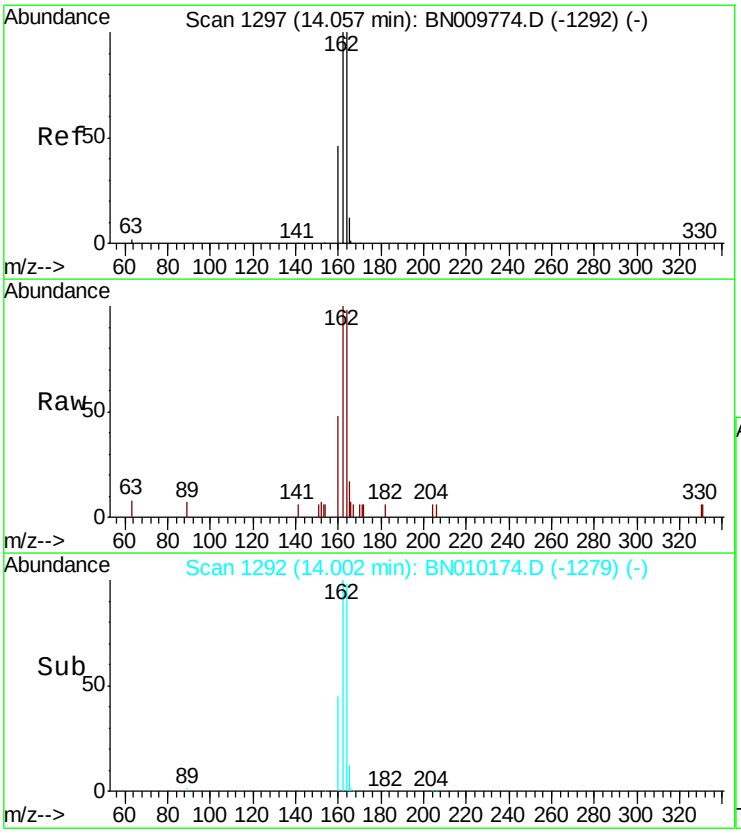
#12
2-Methylnaphthalene
Concen: 0.445 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:142 Resp: 1971

Ion	Ratio	Lower	Upper
142	100		
141	82.3	69.8	104.6
115	42.4	34.6	52.0

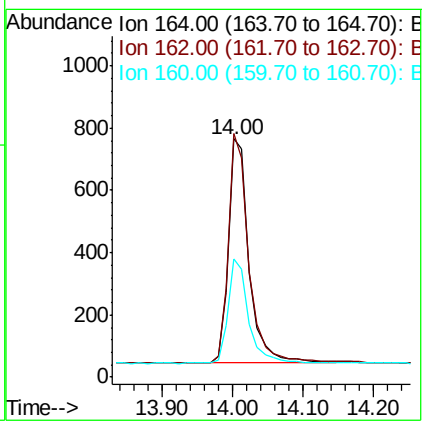


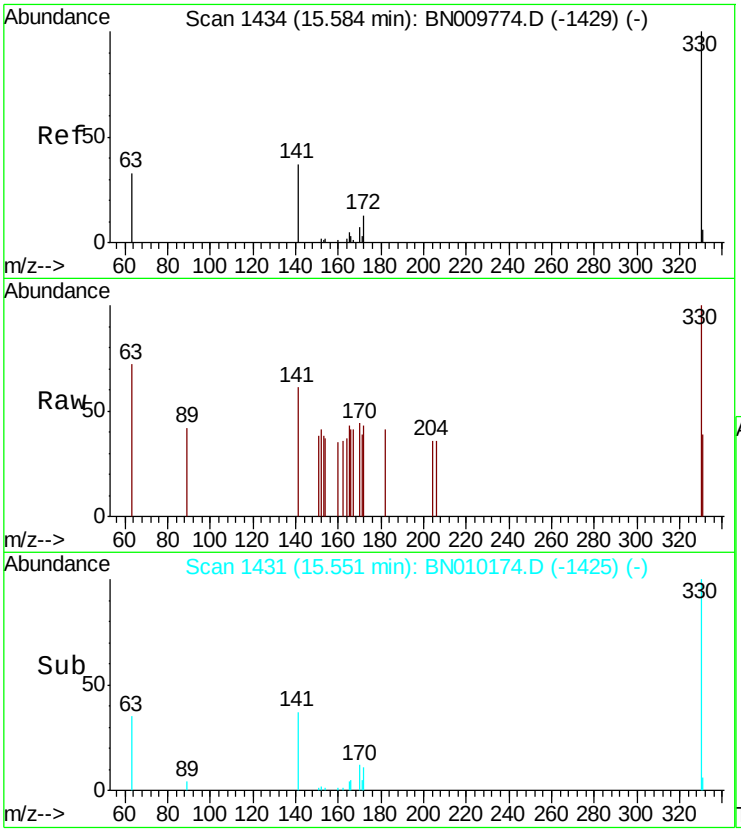


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:164 Resp: 1483

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.9	119.9
160	49.4	38.2	57.2



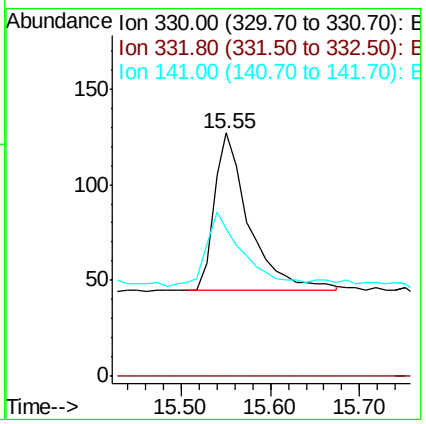


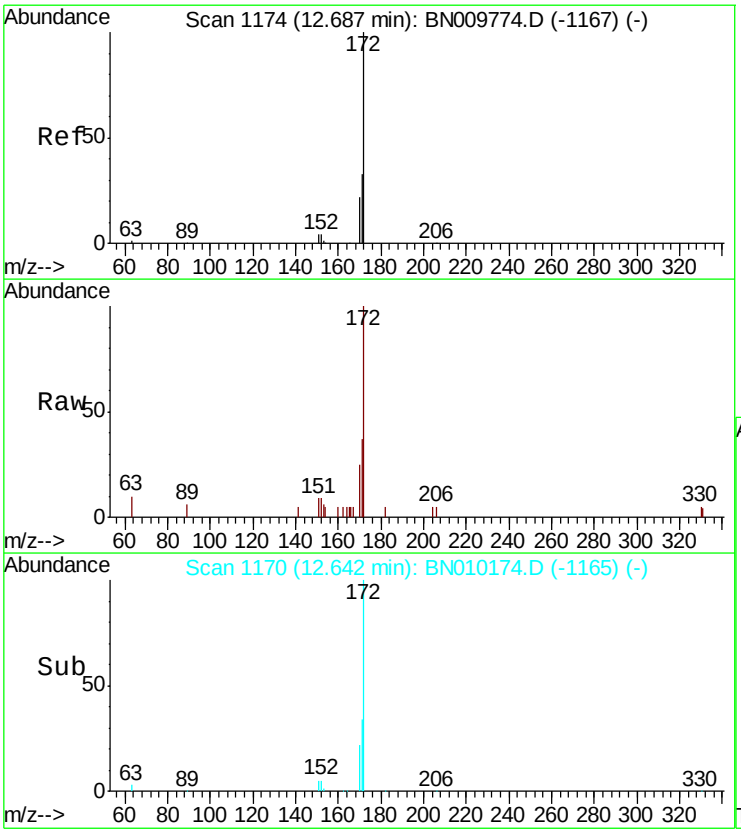
#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:330 Resp: 221

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	49.8	36.8	55.2

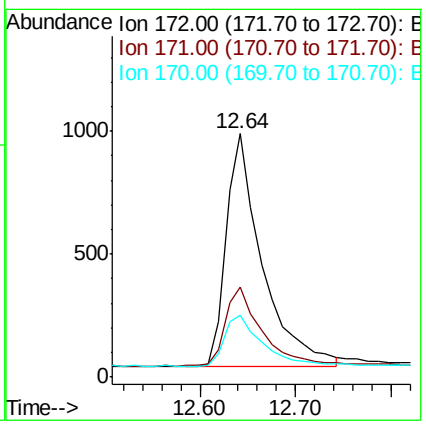


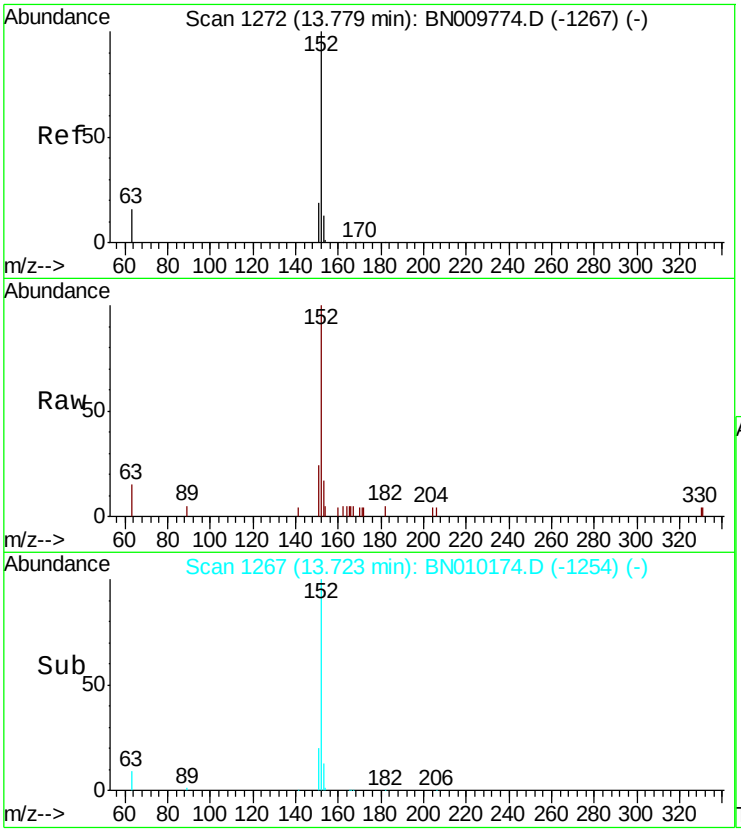


#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:172 Resp: 2473

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.7	43.1
170	25.2	20.1	30.1



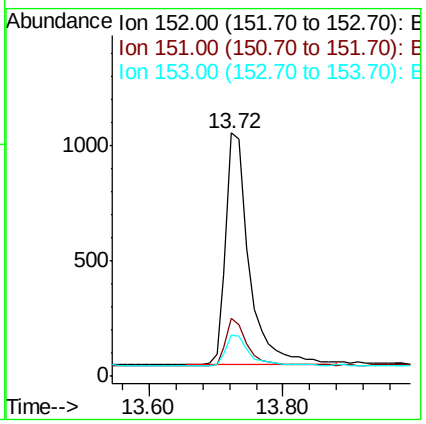


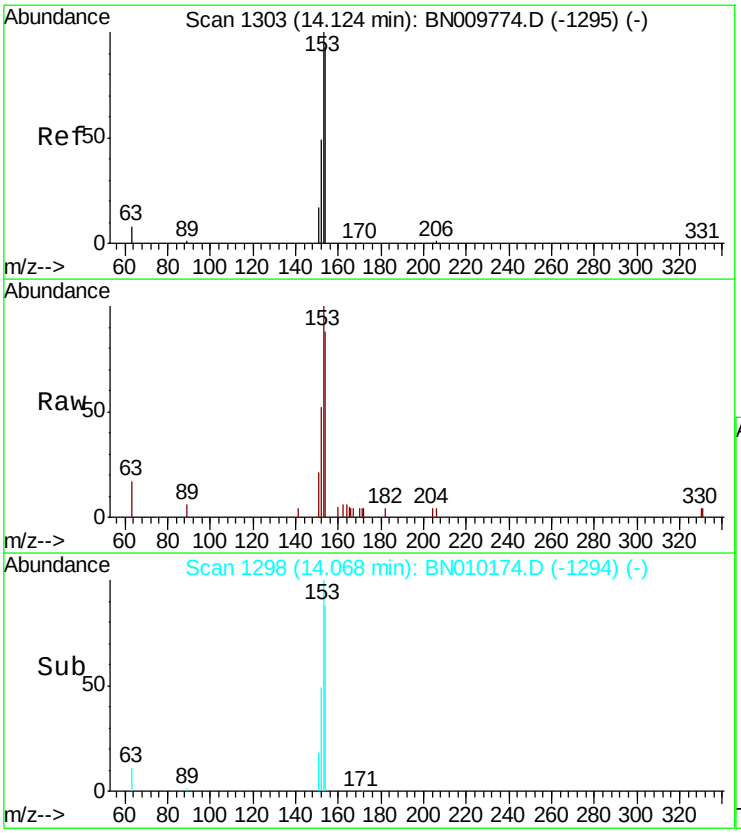
#16
Acenaphthylene
Concen: 0.391 ng
RT: 13.72 min Scan# 1267
Delta R.T. -0.06 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 2474

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.8	23.6
153	13.1	10.2	15.4

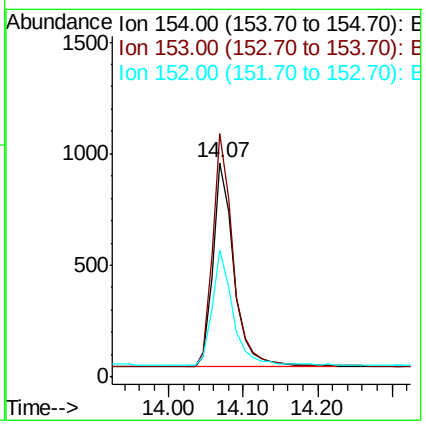


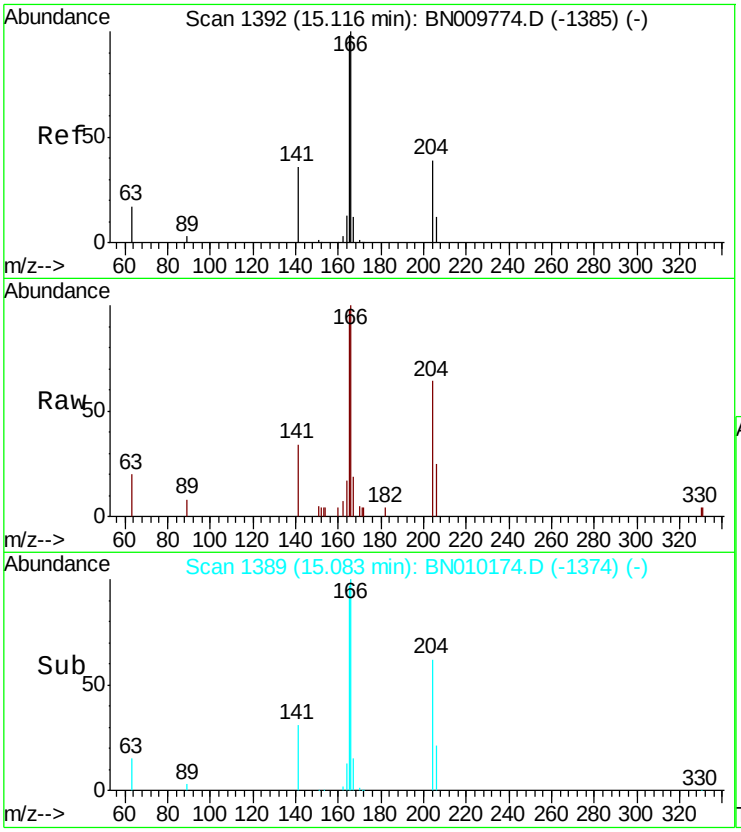


#17
Acenaphthene
Concen: 0.399 ng
RT: 14.07 min Scan# 1298
Delta R.T. -0.06 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:154 Resp: 1775

Ion	Ratio	Lower	Upper
154	100		
153	112.8	88.9	133.3
152	55.3	44.2	66.2



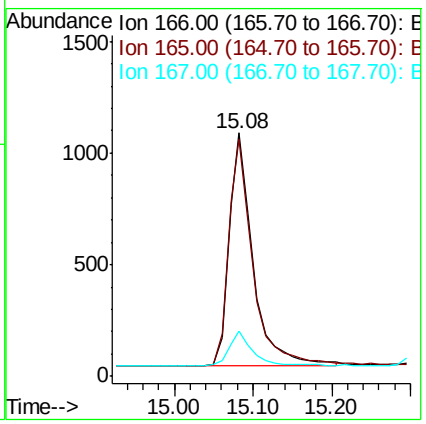


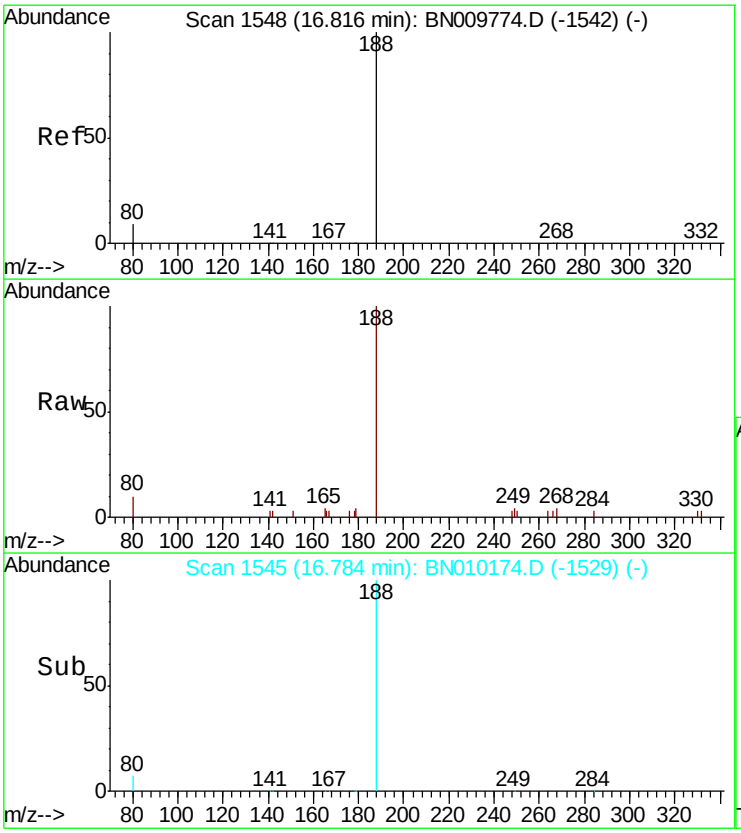
#18
Fluorene
Concen: 0.379 ng
RT: 15.08 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:166 Resp: 2221

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.2	115.8
167	14.3	10.5	15.7

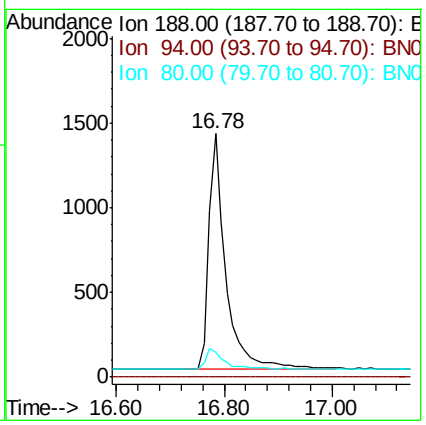


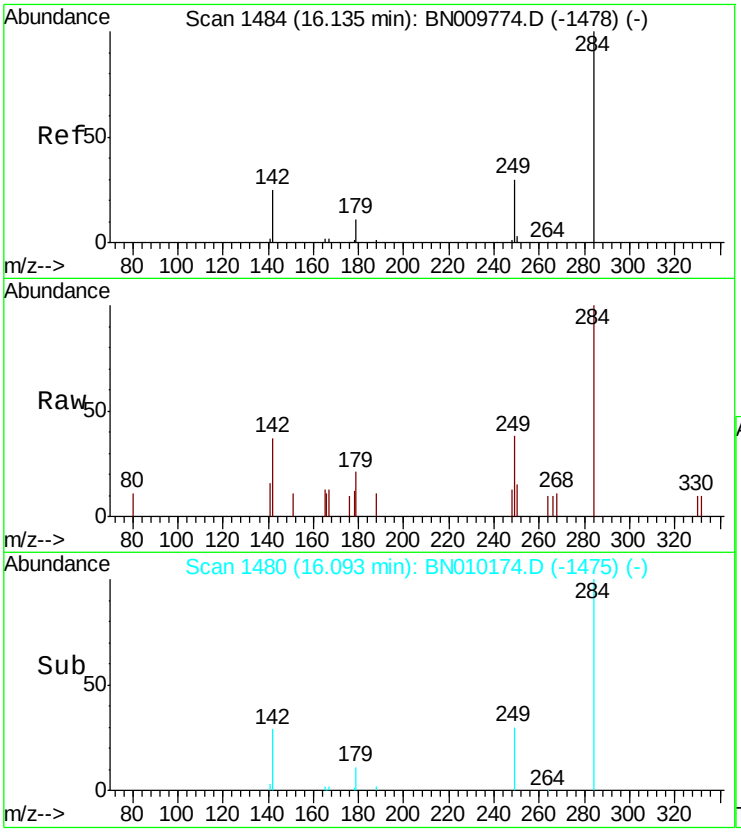


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:188 Resp: 3045

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	8.3	12.5



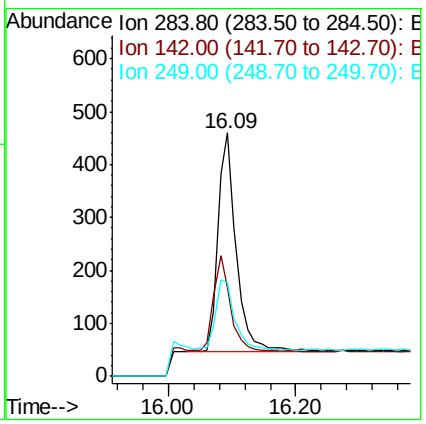


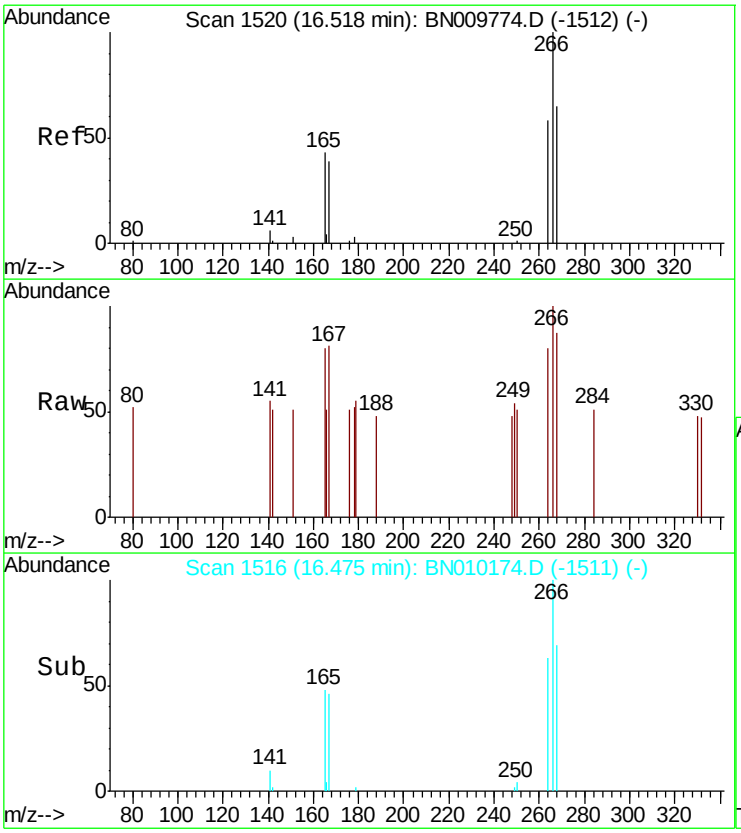
#21
Hexachlorobenzene
Concen: 0.427 ng
RT: 16.09 min Scan# 1480
Delta R.T. -0.04 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:284 Resp: 809

Ion	Ratio	Lower	Upper
284	100		
142	39.6	33.3	49.9
249	33.4	25.7	38.5

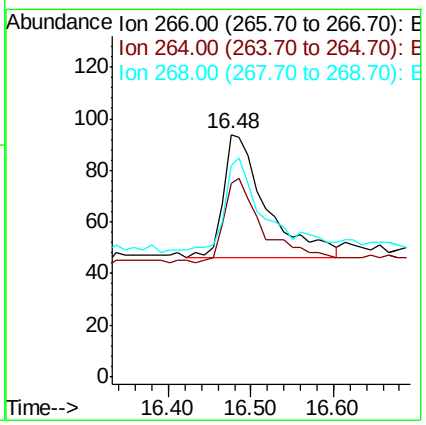


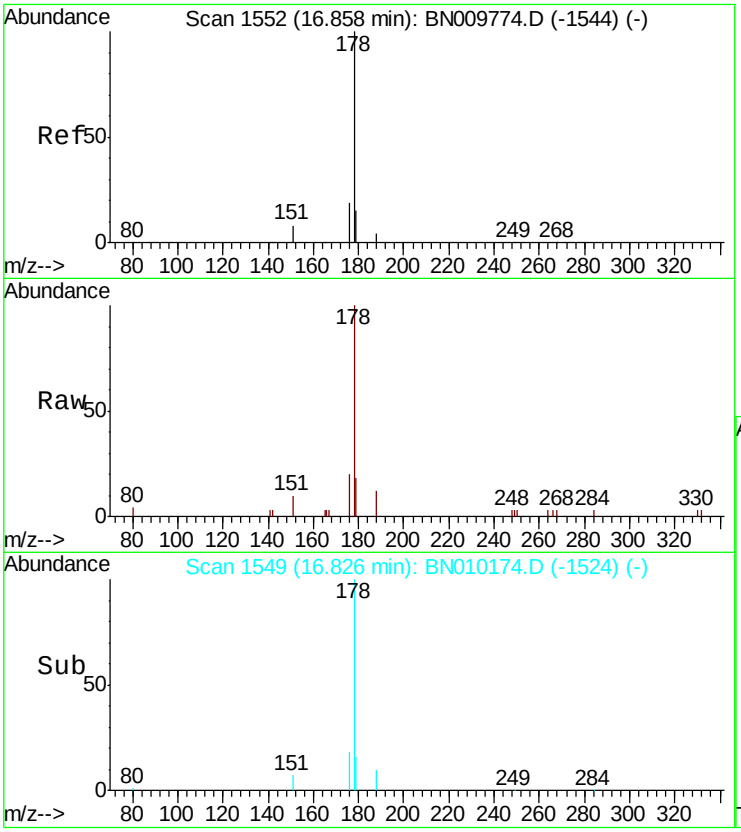


#22
Pentachlorophenol
Concen: 0.454 ng
RT: 16.48 min Scan# 1516
Delta R.T. -0.04 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:266 Resp: 175

Ion	Ratio	Lower	Upper
266	100		
264	79.8	58.1	87.1
268	87.2	65.7	98.5



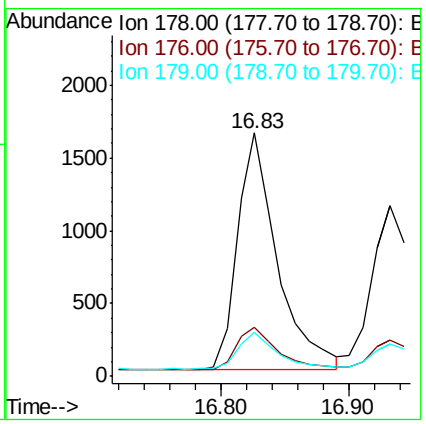


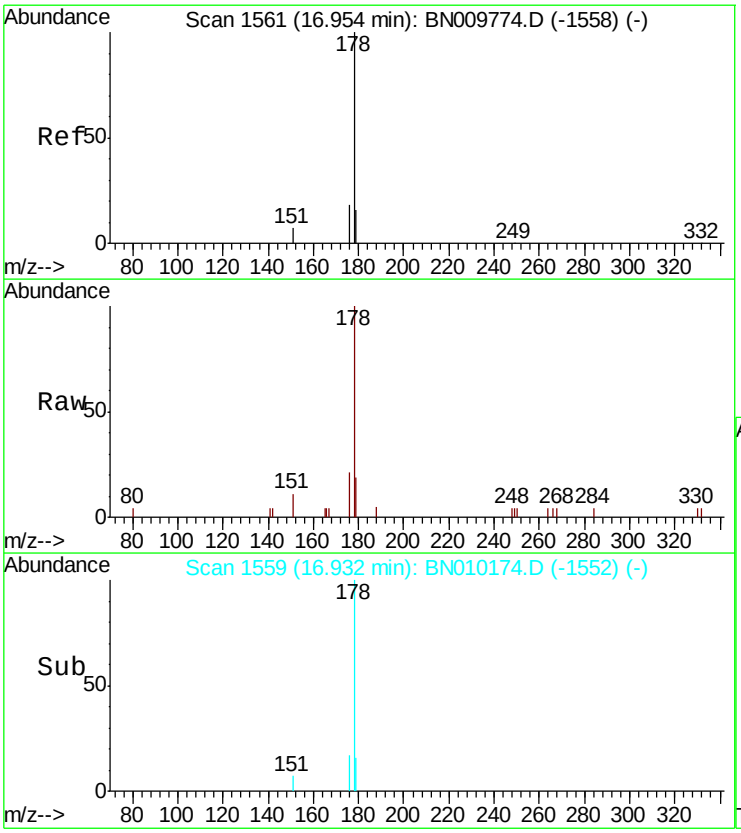
#23
Phenanthrene
Concen: 0.386 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.03 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 3502

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.4	18.6

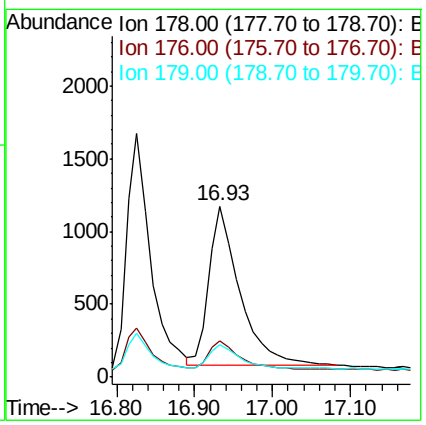


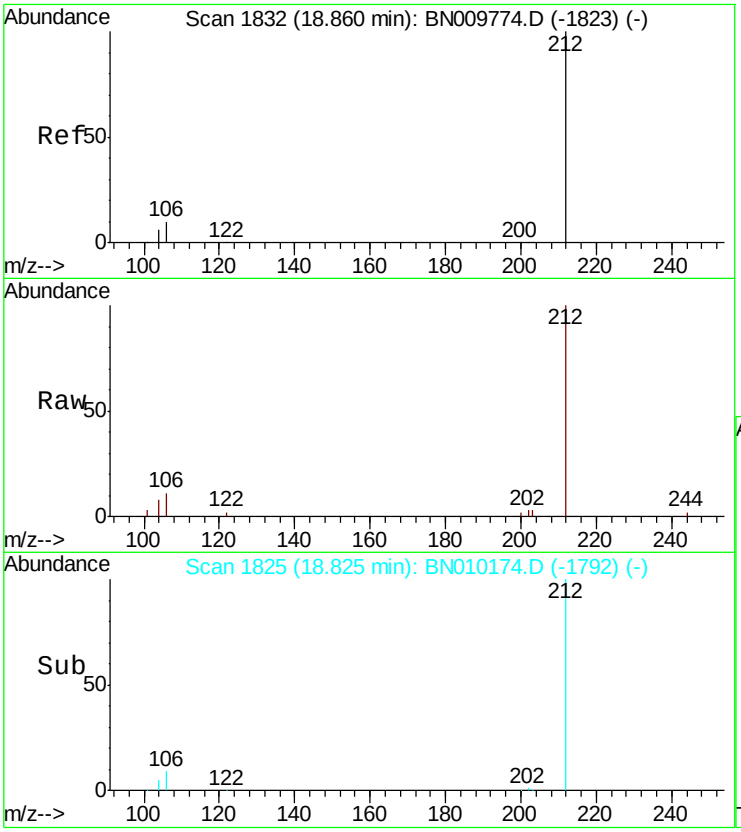


#24
Anthracene
Concen: 0.386 ng
RT: 16.93 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:178 Resp: 2959

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.3	21.5
179	15.4	12.4	18.6



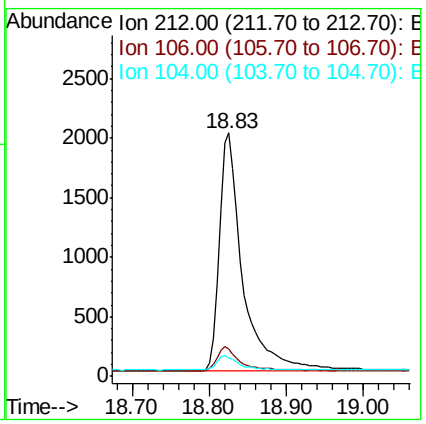


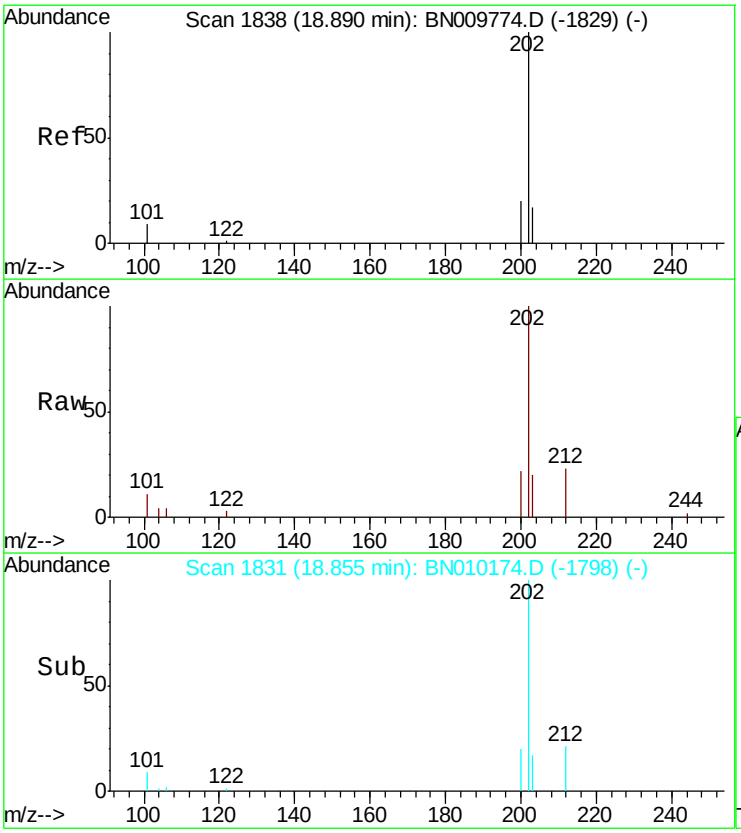
#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 18.83 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:212 Resp: 4181

Ion	Ratio	Lower	Upper
212	100		
106	9.8	8.4	12.6
104	5.5	4.8	7.2

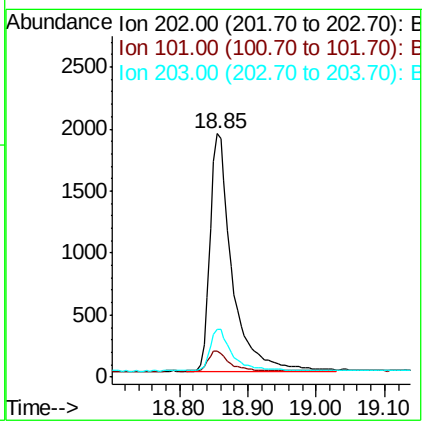


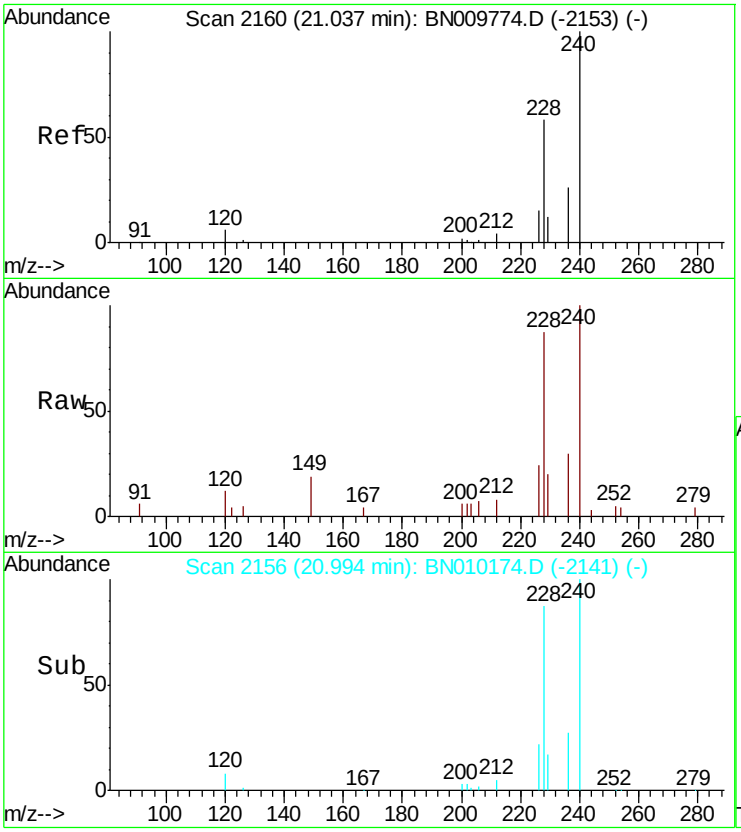


#26
Fluoranthene
Concen: 0.398 ng
RT: 18.85 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:202 Resp: 4322

Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.1	10.7
203	17.3	13.8	20.6



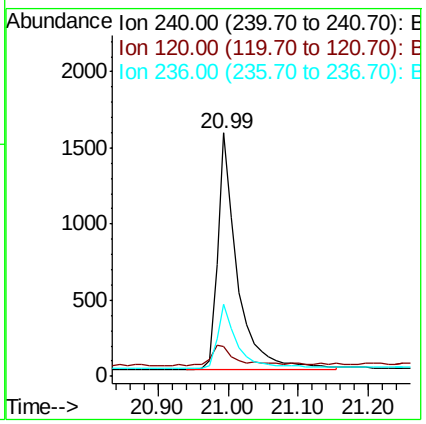


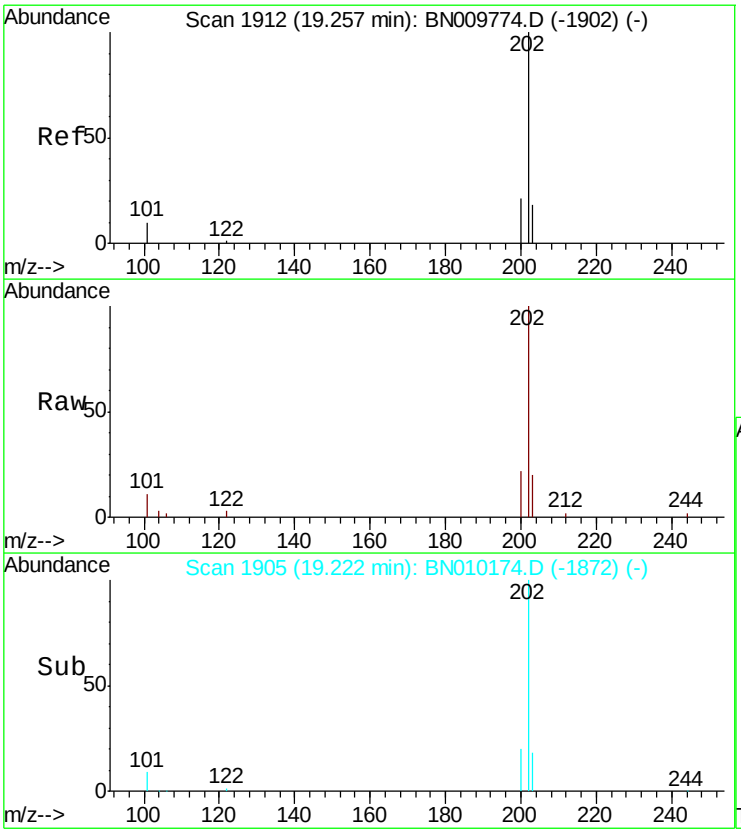
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.04 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:240 Resp: 3012

Ion	Ratio	Lower	Upper
240	100		
120	12.1	7.9	11.9#
236	29.5	22.0	33.0

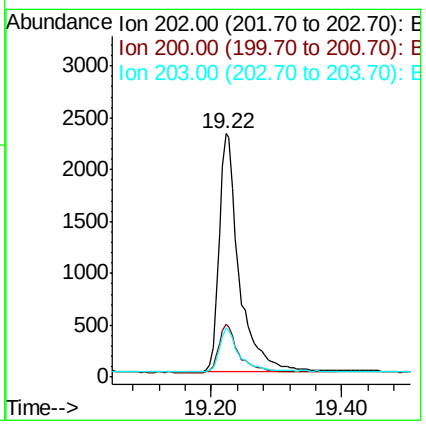


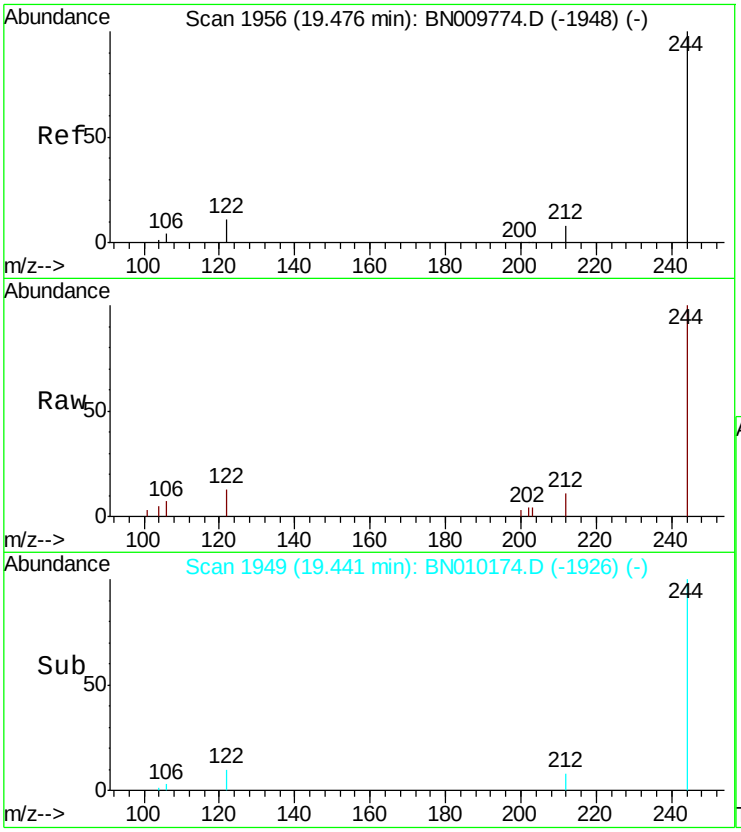


#28
Pyrene
Concen: 0.432 ng
RT: 19.22 min Scan# 1905
Delta R.T. -0.03 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:202 Resp: 4943

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.4	24.6
203	17.9	13.9	20.9



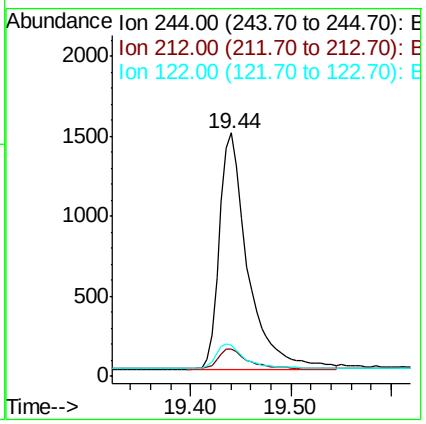


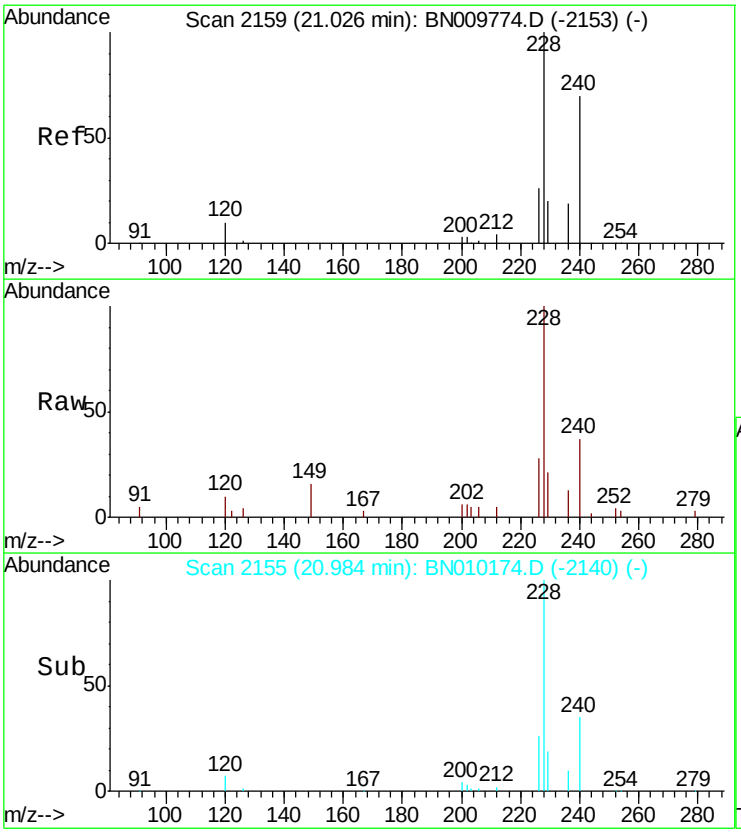
#29
Terphenyl-d14
Concen: 0.406 ng
RT: 19.44 min Scan# 1949
Delta R.T. -0.03 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:244 Resp: 2920

Ion	Ratio	Lower	Upper
244	100		
212	11.0	8.0	12.0
122	12.5	10.0	15.0

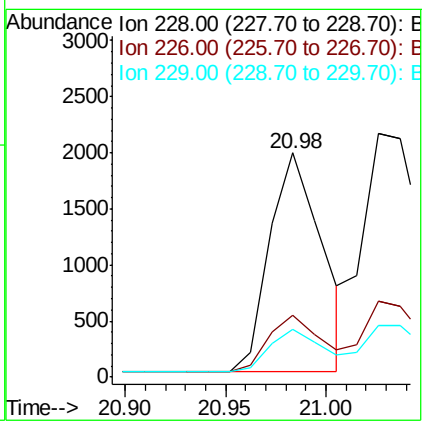


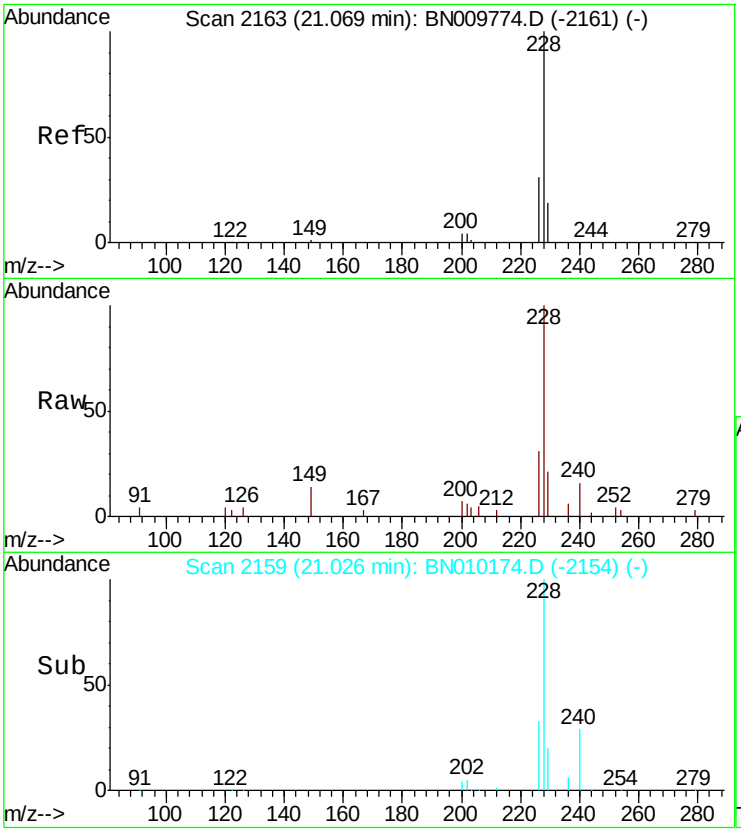


#30
Benzo(a)anthracene
Concen: 0.354 ng
RT: 20.98 min Scan# 2155
Delta R.T. -0.04 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:228 Resp: 3543

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	21.1	17.1	25.7



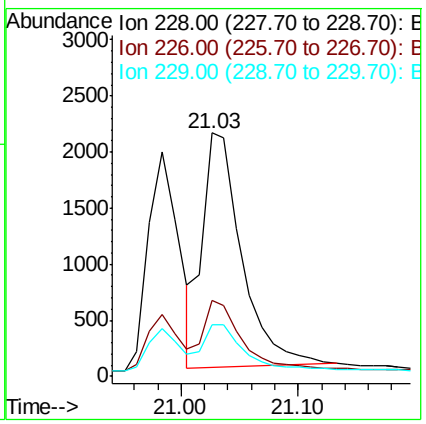


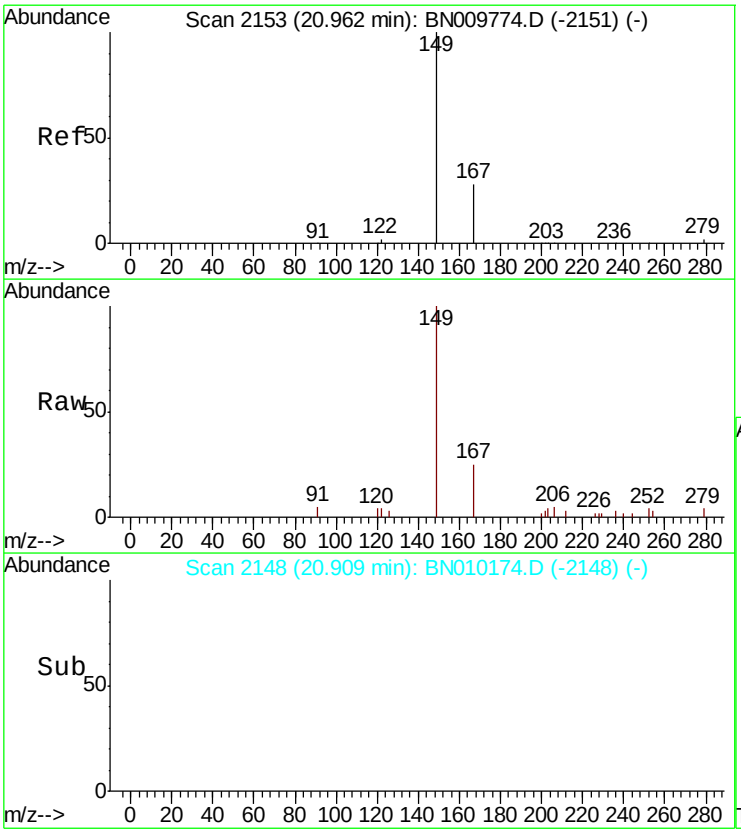
#31
Chrysene
Concen: 0.422 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.04 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:228 Resp: 4877

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	21.2	16.4	24.6

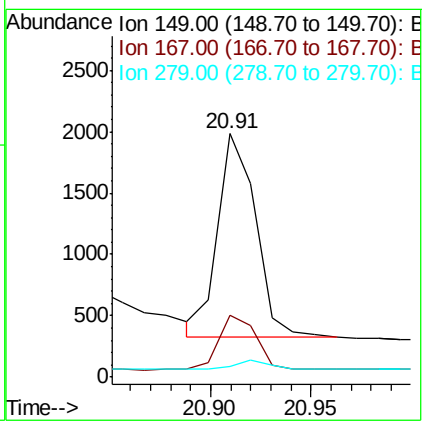


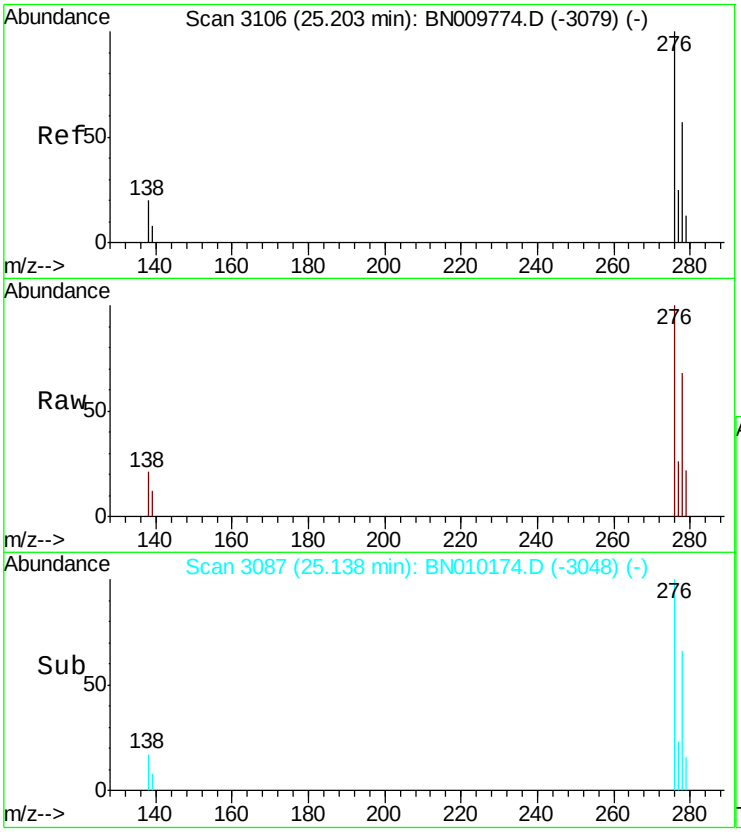


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.449 ng
RT: 20.91 min Scan# 2148
Delta R.T. -0.05 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:149 Resp: 2188

Ion	Ratio	Lower	Upper
149	100		
167	25.6	22.7	34.1
279	3.7	3.1	4.7



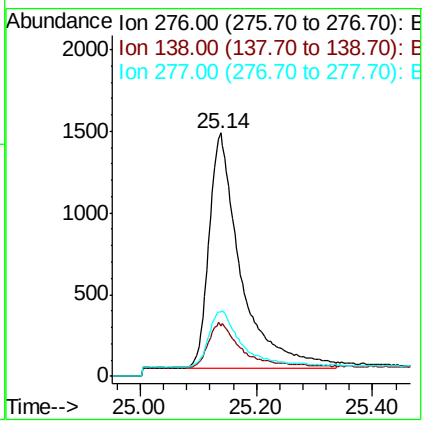


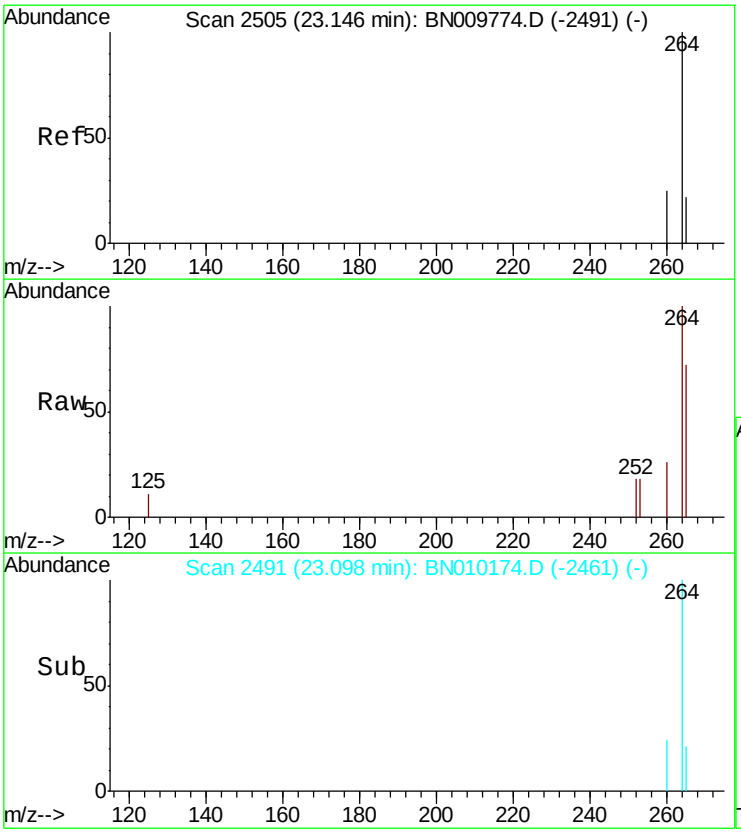
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.452 ng
RT: 25.14 min Scan# 3087
Delta R.T. -0.07 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 5439

Ion	Ratio	Lower	Upper
276	100		
138	18.1	15.8	23.6
277	22.8	19.3	28.9

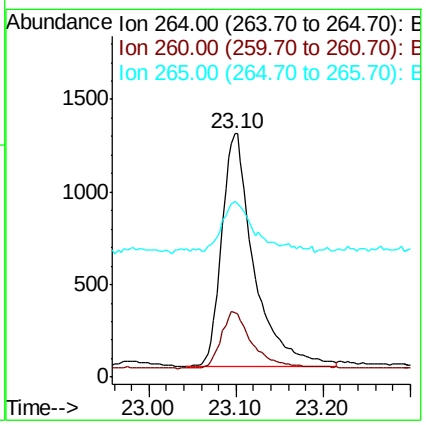


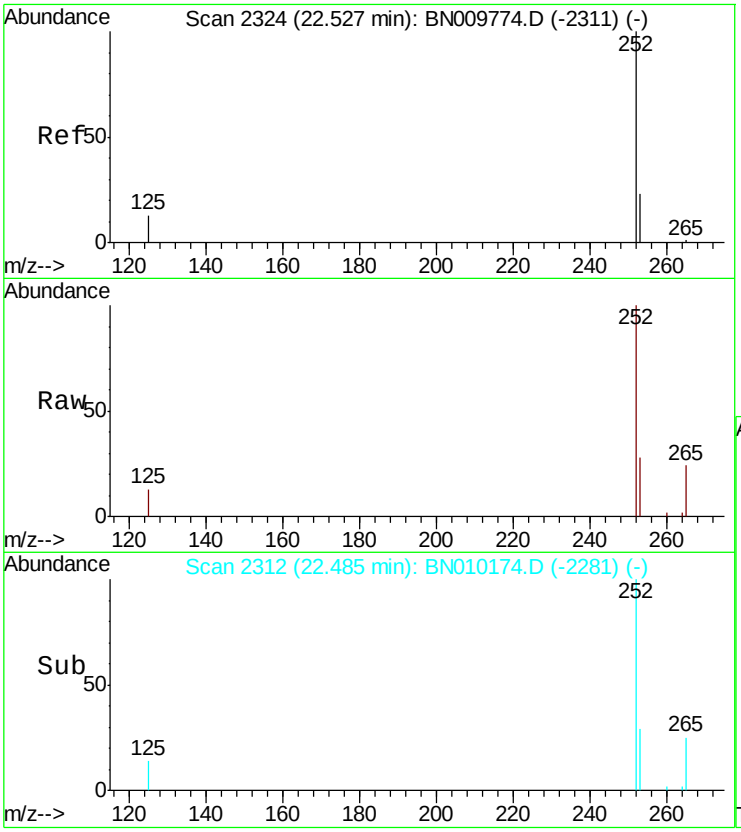


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2491
Delta R.T. -0.05 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:264 Resp: 3213

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.1	31.7
265	72.1	57.5	86.3



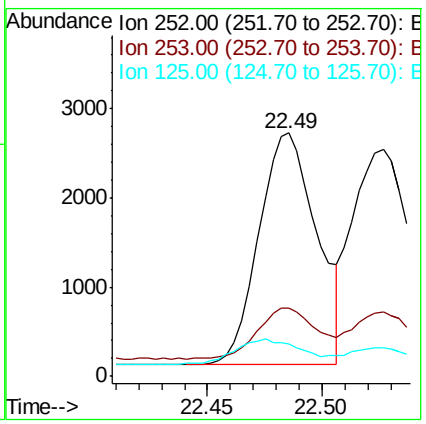


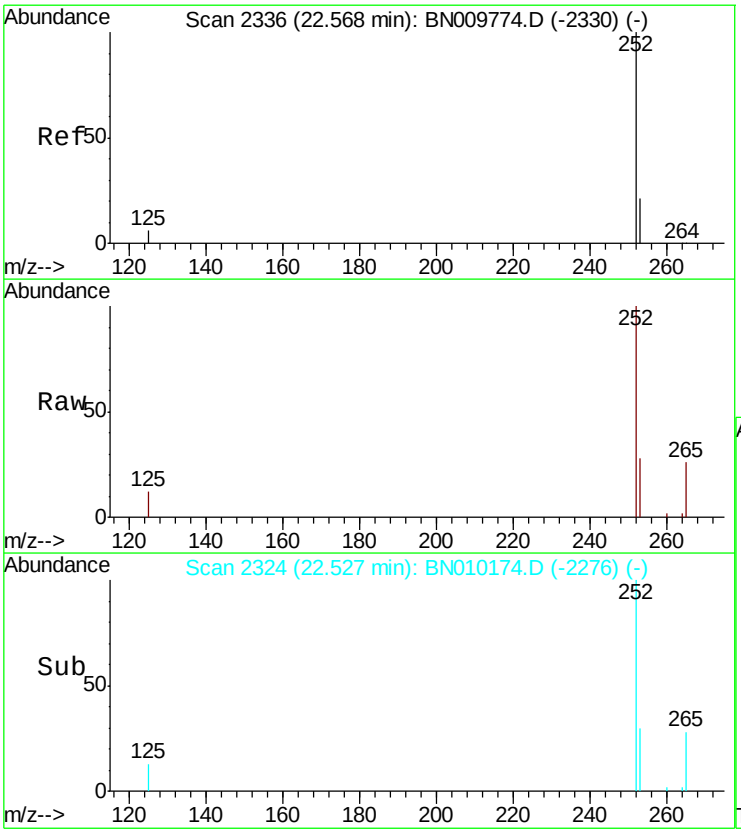
#35
Benzo(b)fluoranthene
Concen: 0.388 ng
RT: 22.49 min Scan# 2312
Delta R.T. -0.04 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 4556

Ion	Ratio	Lower	Upper
252	100		
253	28.0	23.0	34.6
125	13.2	14.4	21.6#

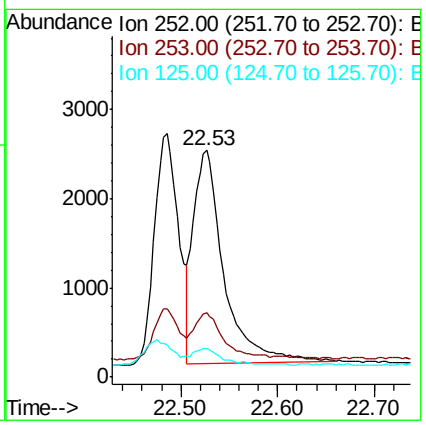


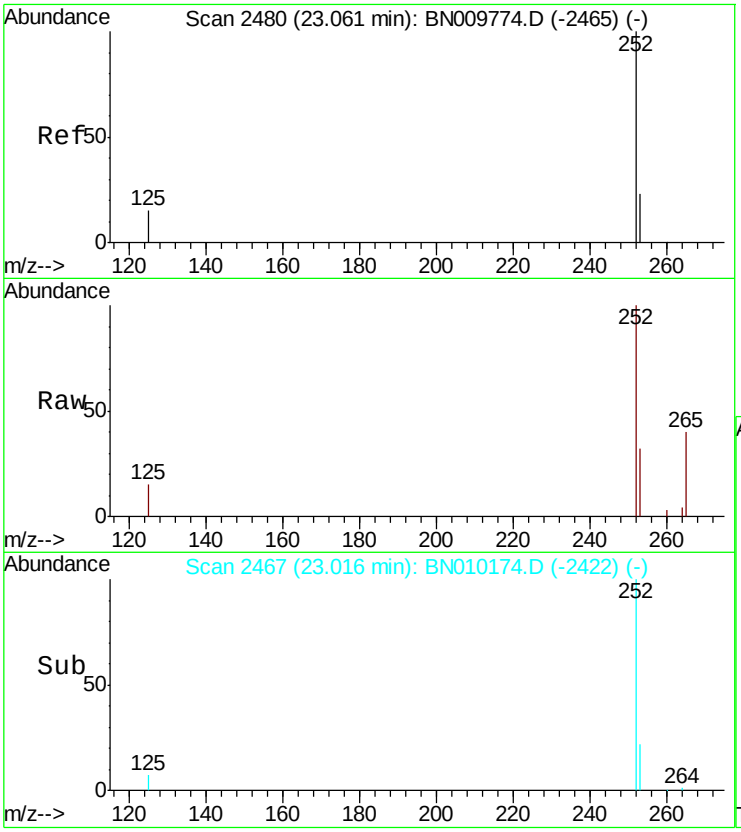


#36
Benzo(k)fluoranthene
Concen: 0.407 ng
RT: 22.53 min Scan# 2324
Delta R.T. -0.04 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:252 Resp: 5210

Ion	Ratio	Lower	Upper
252	100		
253	28.3	22.2	33.2
125	12.5	10.5	15.7



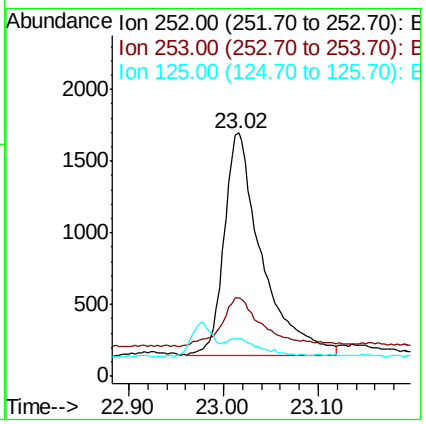


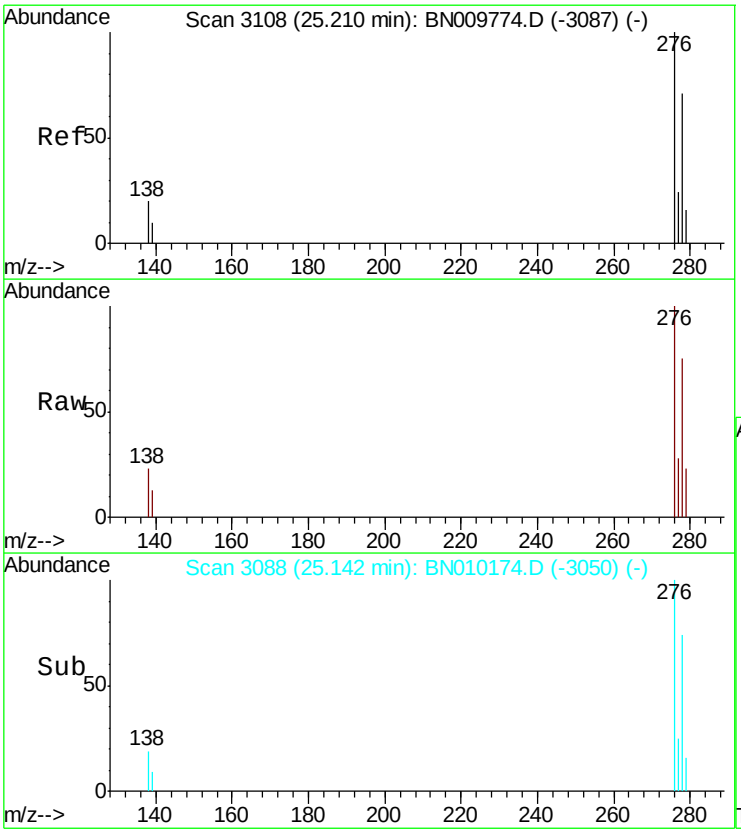
#37
Benzo(a)pyrene
Concen: 0.398 ng
RT: 23.02 min Scan# 2467
Delta R.T. -0.04 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 4262

Ion	Ratio	Lower	Upper
252	100		
253	32.5	25.3	37.9
125	15.3	17.7	26.5#

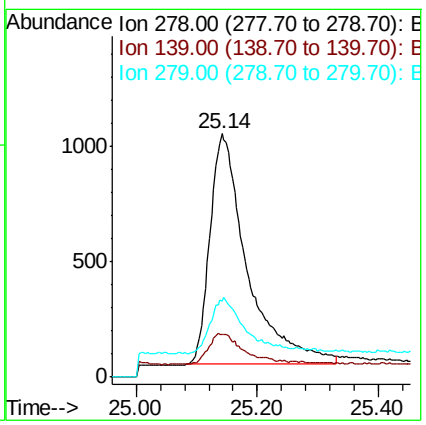


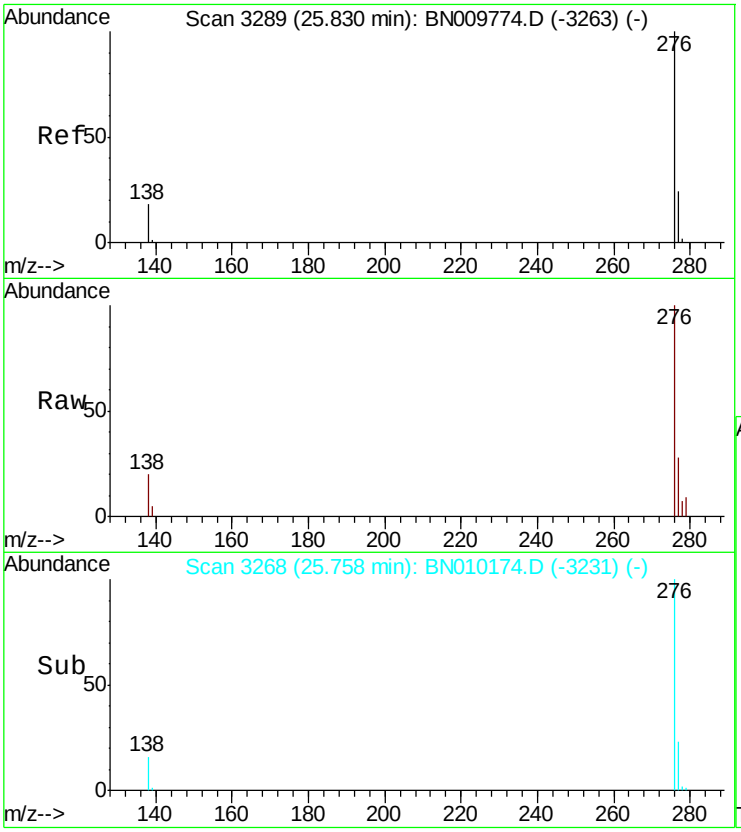


#38
Dibenzo(a,h)anthracene
Concen: 0.406 ng
RT: 25.14 min Scan# 3088
Delta R.T. -0.07 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:278 Resp: 4285

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.5	21.7
279	31.0	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 0.426 ng
RT: 25.76 min Scan# 3268
Delta R.T. -0.07 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 4789

Ion	Ratio	Lower	Upper
276	100		
277	27.6	21.4	32.0
138	20.0	16.6	24.8