Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010162.D
Acq On : 10 Mar 2020 15:32
Operator : CG/JU
Sample : PB127383BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB127383BL

Quant Time: Mar 10 18:43:24 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	737	0.40	ng	-0.05
7) Naphthalene-d8	10.14	136	2420	0.40	ng	-0.04
13) Acenaphthene-d10	14.00	164	1550	0.40	ng	-0.06
19) Phenanthrene-d10	16.78	188	3083	0.40	ng	-0.03
27) Chrysene-d12	20.99	240	3420	0.40	ng	-0.04
34) Perylene-d12	23.10	264	3718	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	317	0.19	ng	-0.05
5) Phenol-d6	6.61	99	219	0.11	ng	-0.03
8) Nitrobenzene-d5	8.57	82	790	0.39	ng	-0.03
11) 2-Methylnaphthalene-d10	11.74	152	1444	0.31	ng	-0.04
14) 2,4,6-Tribromophenol	15.55	330	233	0.39	ng	-0.03
15) 2-Fluorobiphenyl	12.63	172	2247	0.38	ng	-0.06
25) Fluoranthene-d10	18.83	212	3736	0.35	ng	-0.03
29) Terphenyl-d14	19.43	244	3462	0.42	ng	-0.04
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.45	42	8	0.006	ng	# 1
6) bis(2-Chloroethyl)ether	6.84	93	3	0.002	ng	# 13
9) Naphthalene	10.19	128	69	0.010	ng	# 1
10) Hexachlorobutadiene	10.46	225	1	0.001	ng	# 17
12) 2-Methylnaphthalene	11.82	142	67	0.015	ng	# 64
16) Acenaphthylene	13.73	152	17	0.003	ng	# 28
17) Acenaphthene	14.06	154	8	0.002	ng	# 5
18) Fluorene	15.05	166	3	0.000	ng	# 9
20) 4-Bromophenyl-phenylether	16.01	248	118	Below Cal		# 75
21) Hexachlorobenzene	16.09	284	2	0.001	ng	# 1
22) Pentachlorophenol	16.50	266	7	0.189	ng	# 76
23) Phenanthrene	16.83	178	108	0.012	ng	# 92
24) Anthracene	16.94	178	47	0.006	ng	# 74
26) Fluoranthene	18.86	202	49	0.004	ng	# 34
28) Pyrene	19.23	202	47	0.004	ng	# 73
30) Benzo(a)anthracene	20.99	228	85	0.007	ng	# 10
31) Chrysene	21.04	228	104	0.008	ng	# 19
32) Bis(2-ethylhexyl)phthalate	20.92	149	1172	0.212	ng	# 87
33) Indeno(1,2,3-cd)pyrene	25.00	276	92	0.007	ng	# 1
35) Benzo(b)fluoranthene	22.51	252	261	0.019	ng	# 1
36) Benzo(k)fluoranthene	22.51	252	261	0.018	ng	# 1
37) Benzo(a)pyrene	23.03	252	25	0.002	ng	# 1
38) Dibenzo(a,h)anthracene	25.00	278	44	0.004	ng	# 1
39) Benzo(g,h,i)perylene	25.75	276	1	0.000	ng	# 1

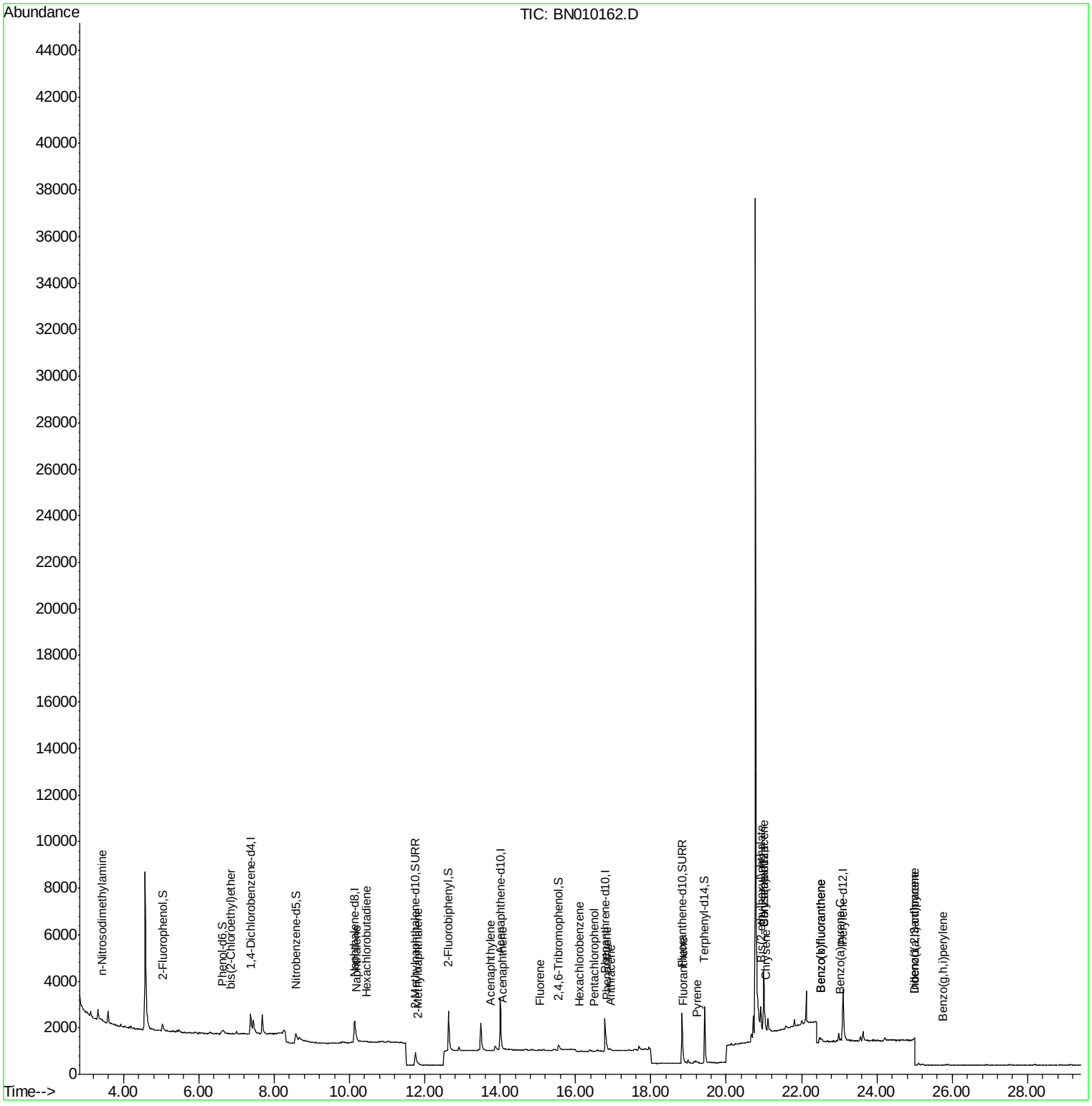
(#) = qualifier out of range (m) = manual integration (+) = signals summed

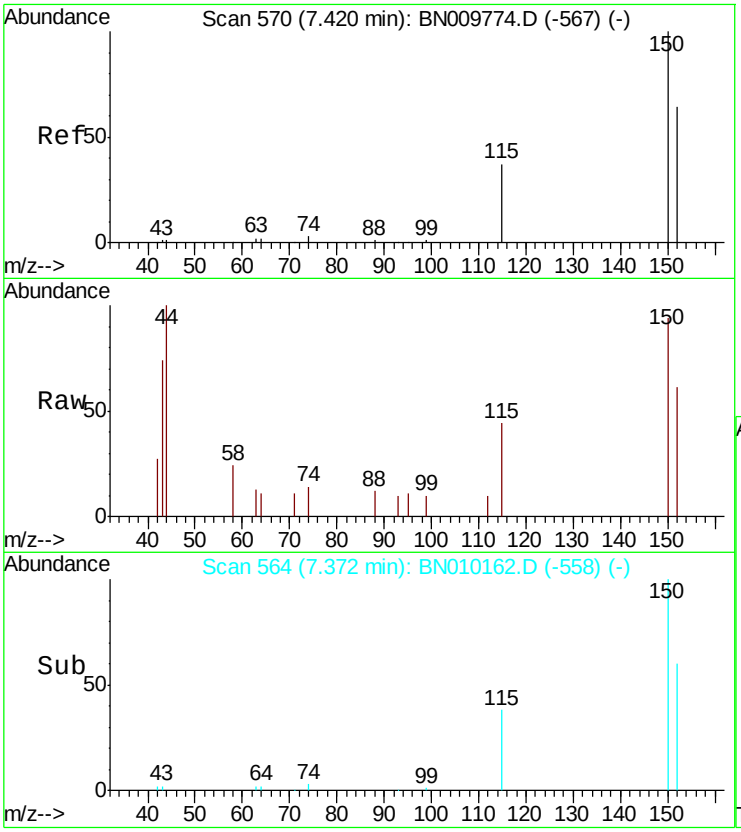
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010162.D
Acq On : 10 Mar 2020 15:32
Operator : CG/JU
Sample : PB127383BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Quant Time: Mar 10 18:43:24 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



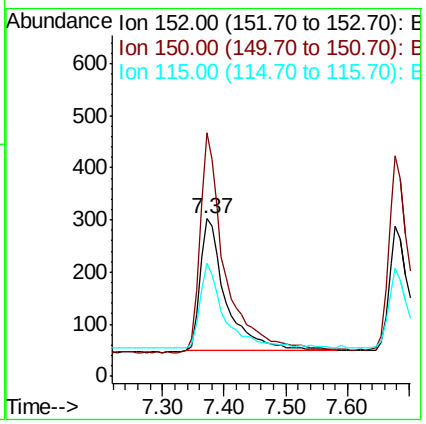


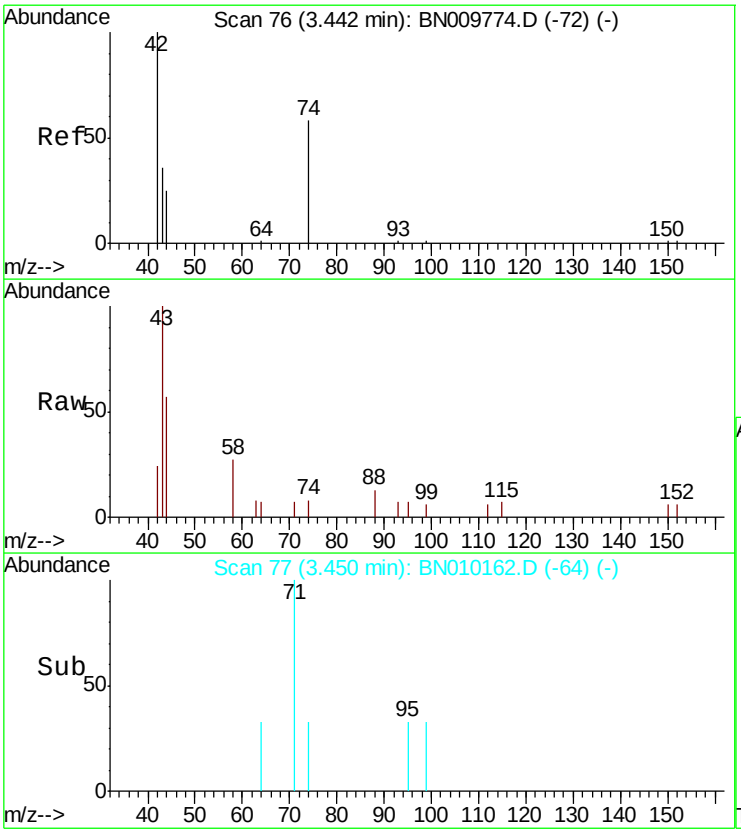
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:152 Resp: 737

Ion	Ratio	Lower	Upper
152	100		
150	154.6	120.6	181.0
115	71.9	51.2	76.8

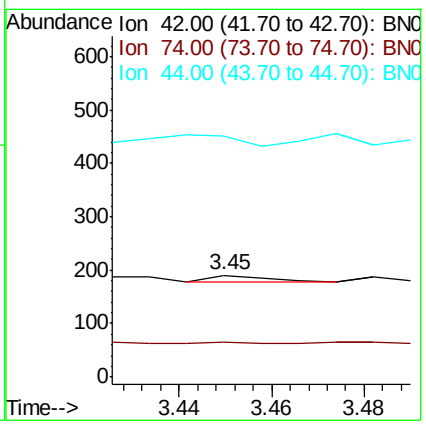


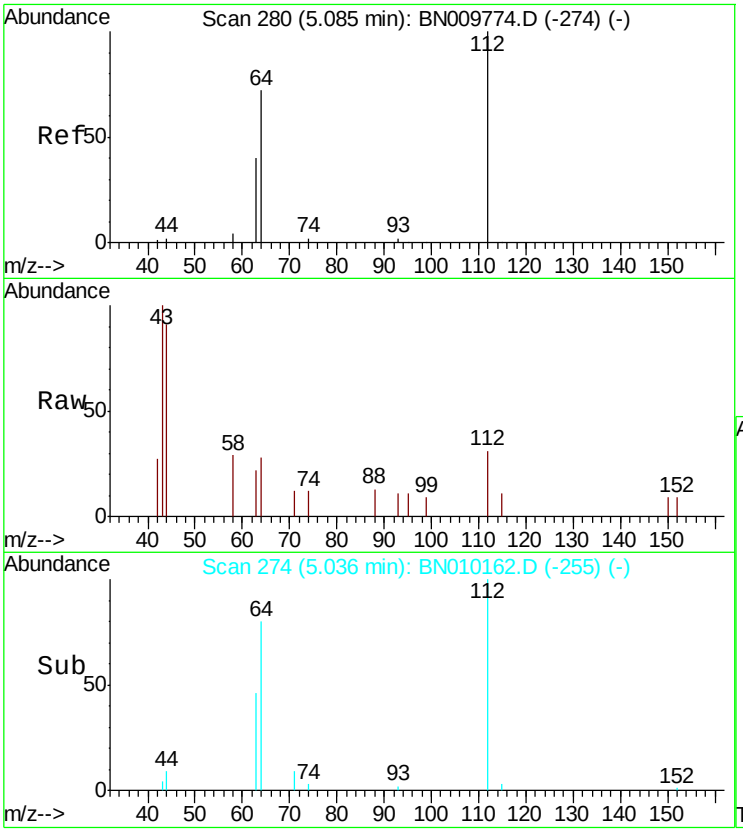


#3
n-Nitrosodimethylamine
Concen: 0.006 ng
RT: 3.45 min Scan# 77
Delta R.T. 0.01 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion: 42 Resp: 8

Ion	Ratio	Lower	Upper
42	100		
74	12.5	51.2	76.8#
44	337.5	2.6	4.0#



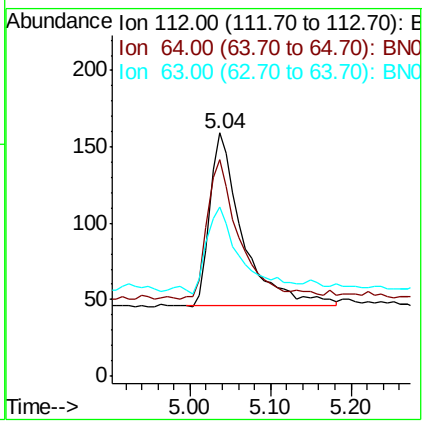


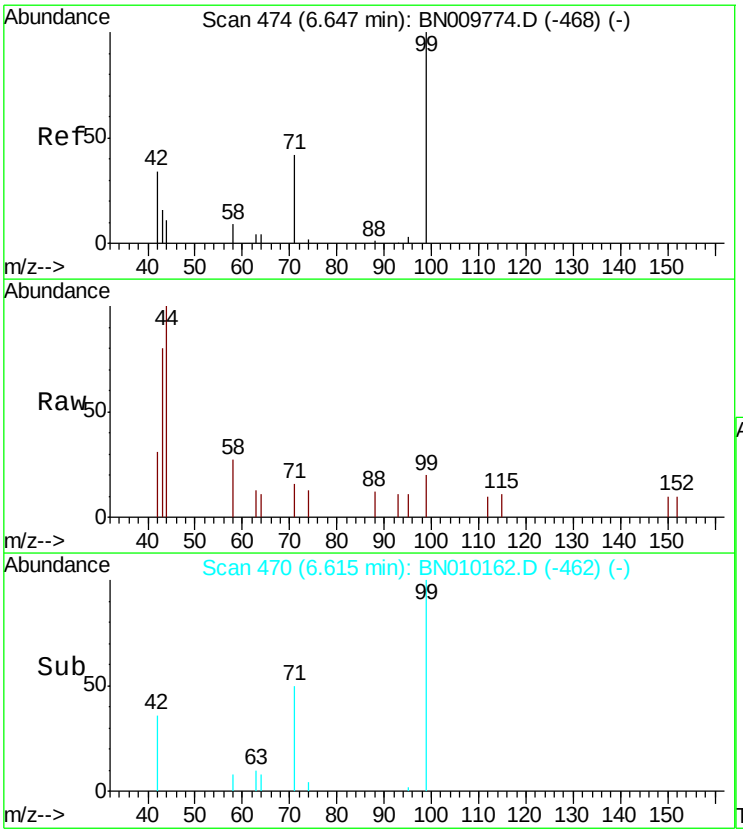
#4
2-Fluorophenol
Concen: 0.193 ng
RT: 5.04 min Scan# 274
Delta R.T. -0.05 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:112 Resp: 317

Ion	Ratio	Lower	Upper
112	100		
64	78.5	65.8	98.6
63	53.0	38.7	58.1

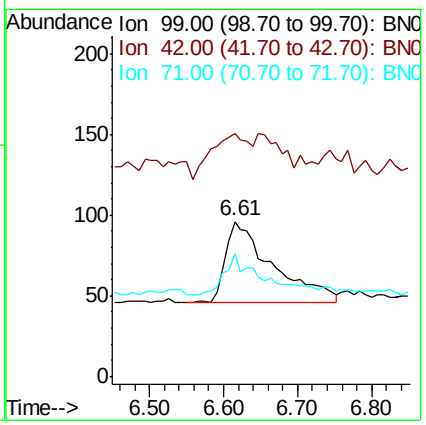


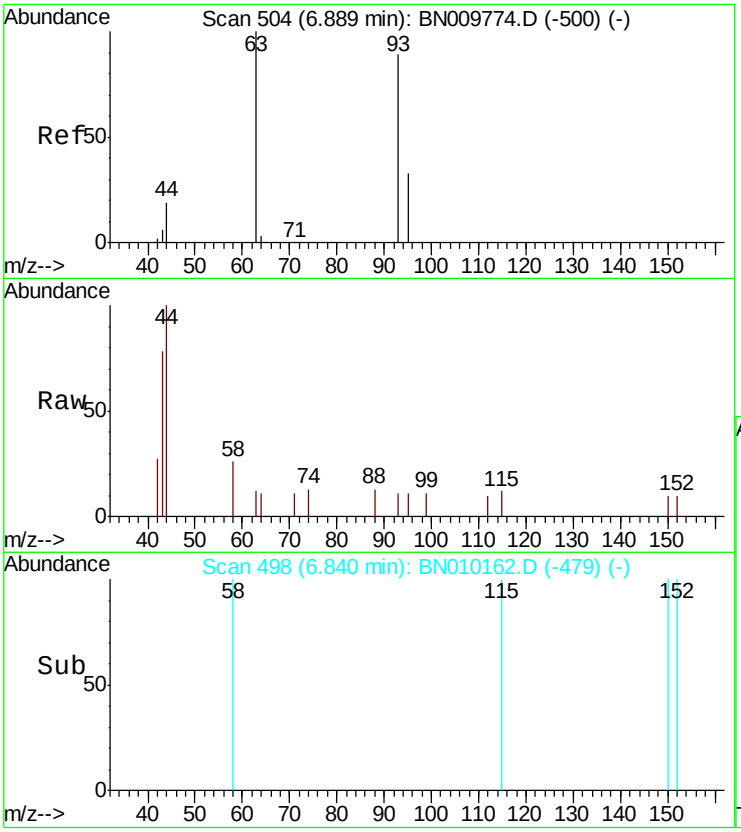


#5
Phenol-d6
Concen: 0.110 ng
RT: 6.61 min Scan# 470
Delta R.T. -0.03 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion: 99 Resp: 219

Ion	Ratio	Lower	Upper
99	100		
42	46.6	30.8	46.2#
71	39.3	34.9	52.3



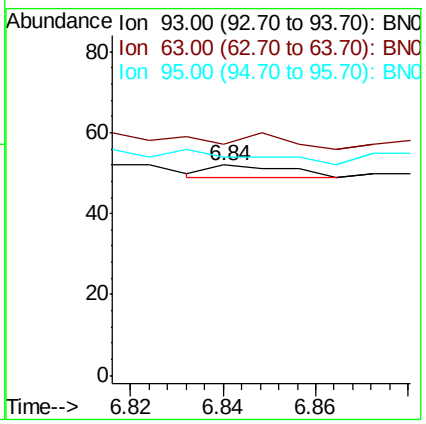


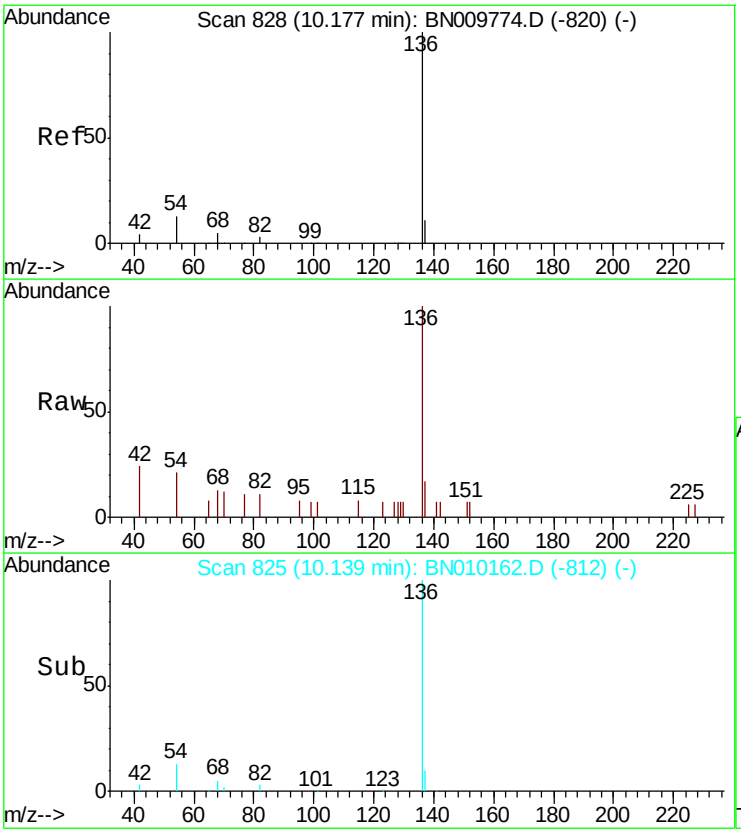
#6
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.05 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion: 93 Resp: 3

Ion	Ratio	Lower	Upper
93	100		
63	0.0	74.0	111.0#
95	0.0	26.7	40.1#

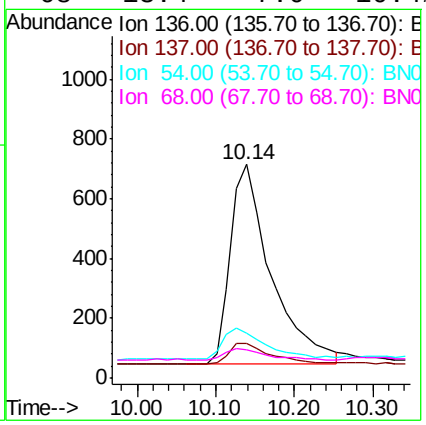


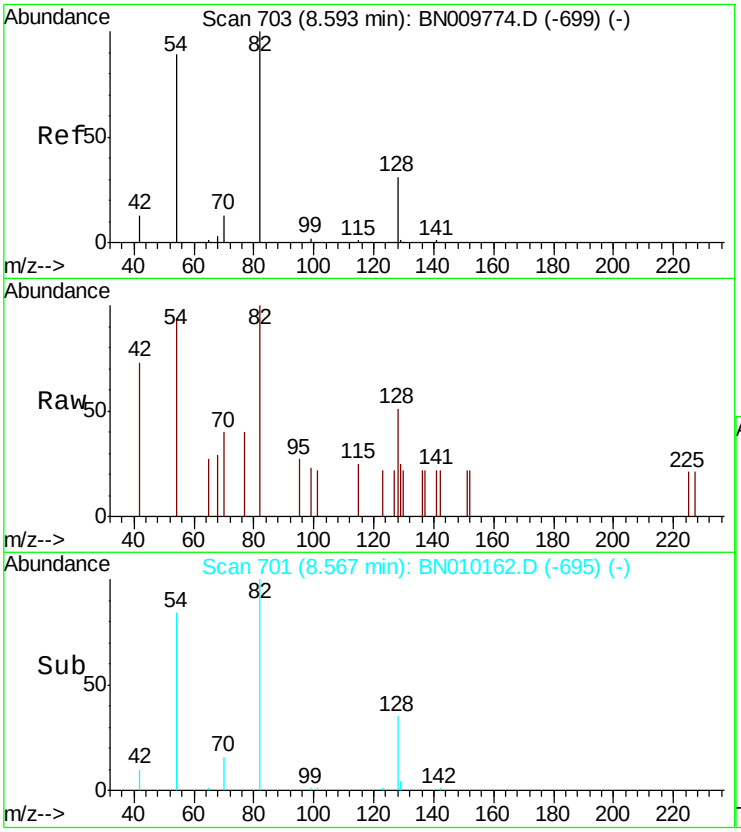


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 825
Delta R.T. -0.04 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:136 Resp: 2420

Ion	Ratio	Lower	Upper
136	100		
137	16.5	11.3	16.9
54	21.1	13.4	20.2#
68	13.4	7.0	10.4#



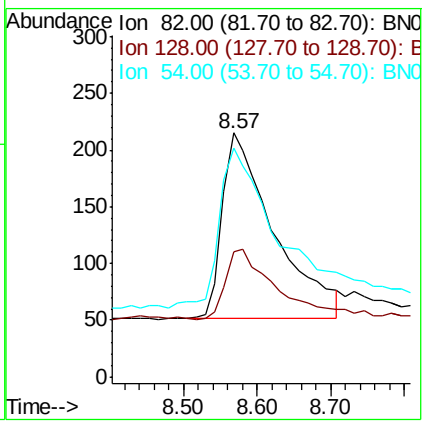


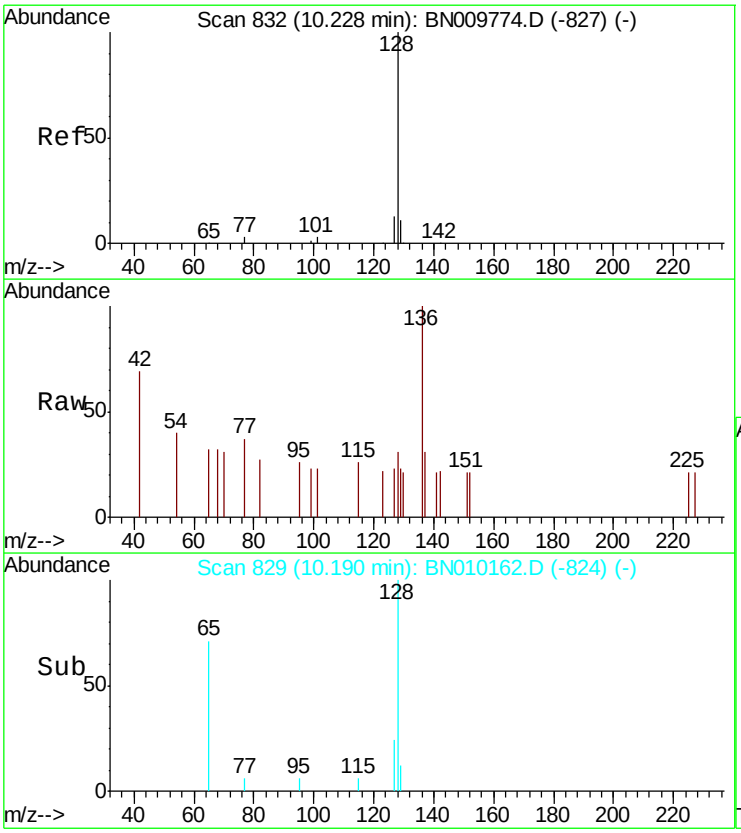
#8
Nitrobenzene-d5
Concen: 0.392 ng
RT: 8.57 min Scan# 701
Delta R.T. -0.03 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion: 82 Resp: 790

Ion	Ratio	Lower	Upper
82	100		
128	51.2	32.5	48.7#
54	94.0	73.5	110.3

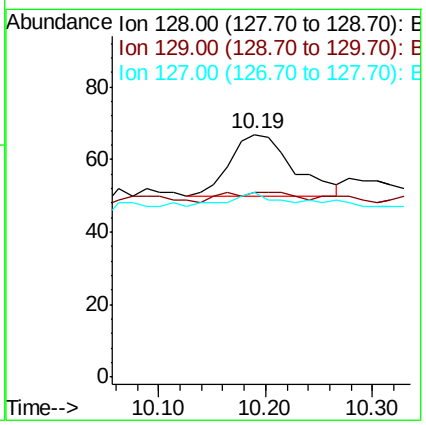


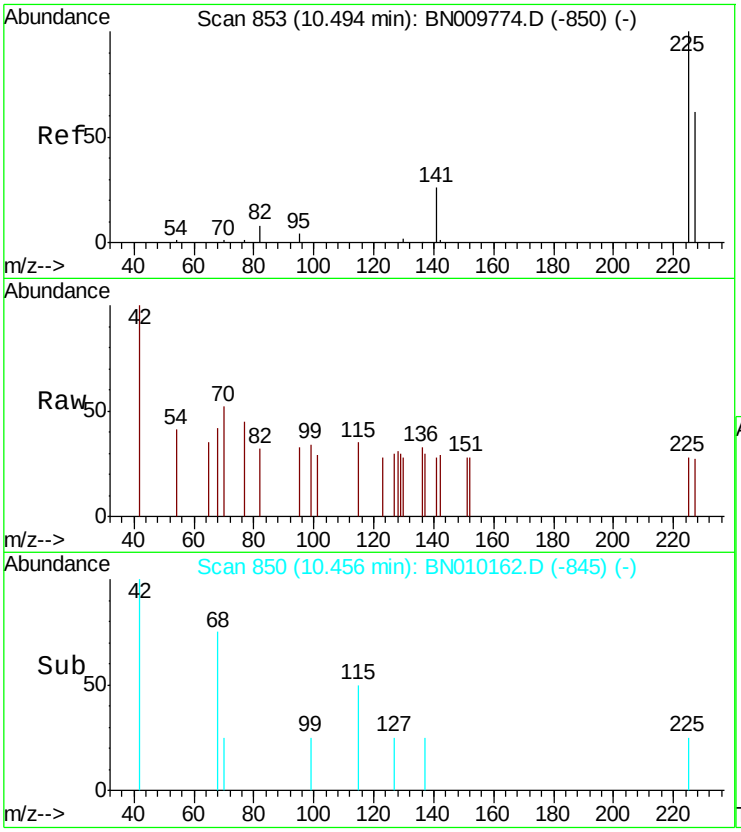


#9
Naphthalene
Concen: 0.010 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.04 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:128 Resp: 69

Ion	Ratio	Lower	Upper
128	100		
129	76.1	11.1	16.7#
127	76.1	12.6	19.0#



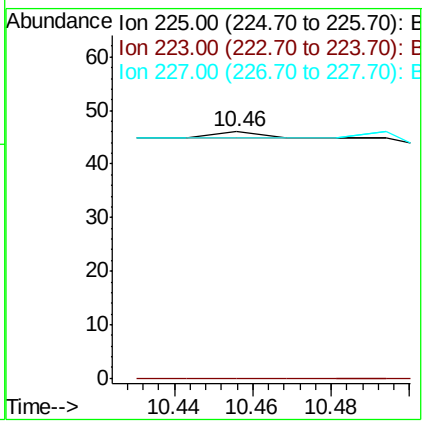


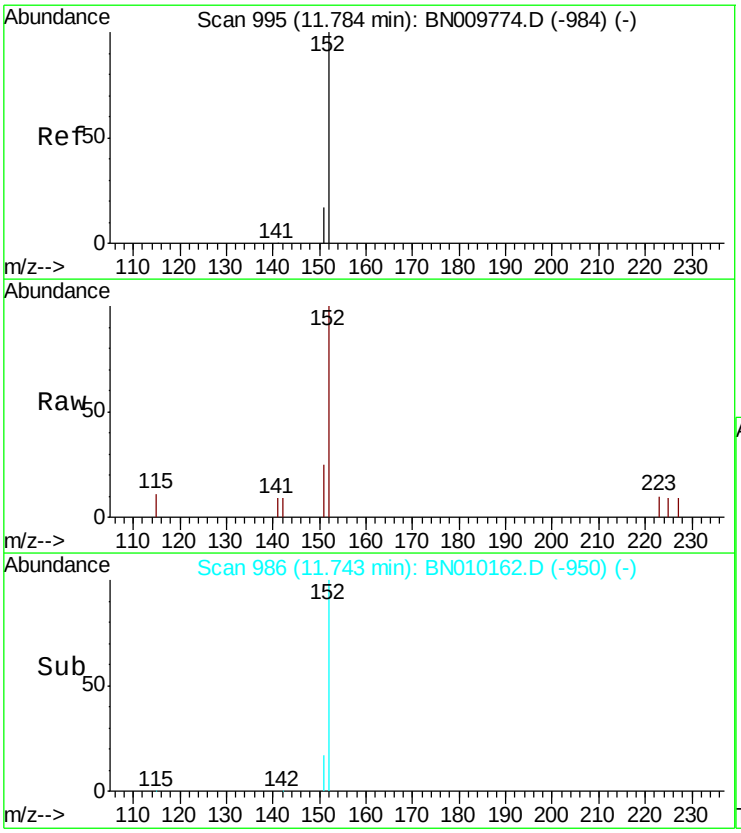
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.04 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:225 Resp: 1

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

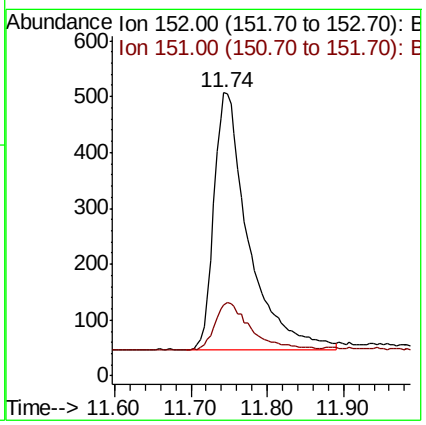


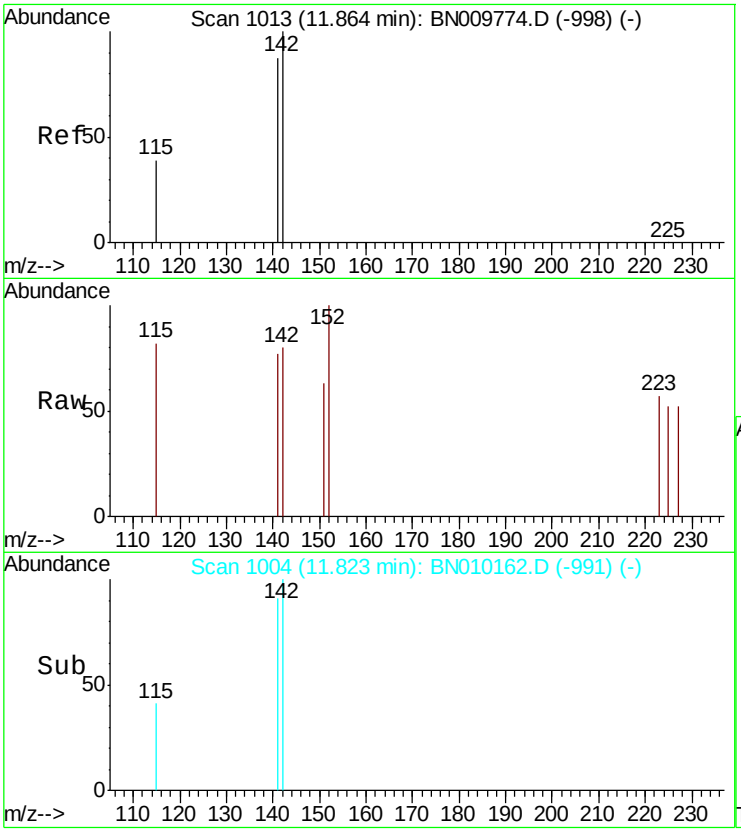


#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 11.74 min Scan# 986
Delta R.T. -0.04 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:152 Resp: 1444

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7



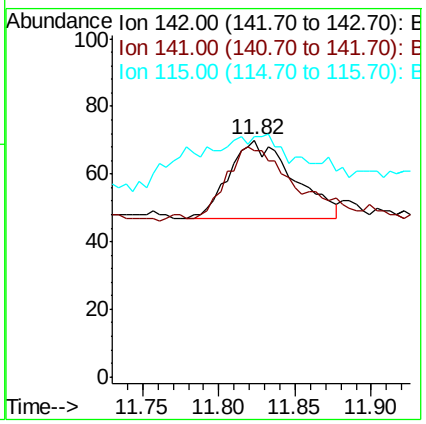


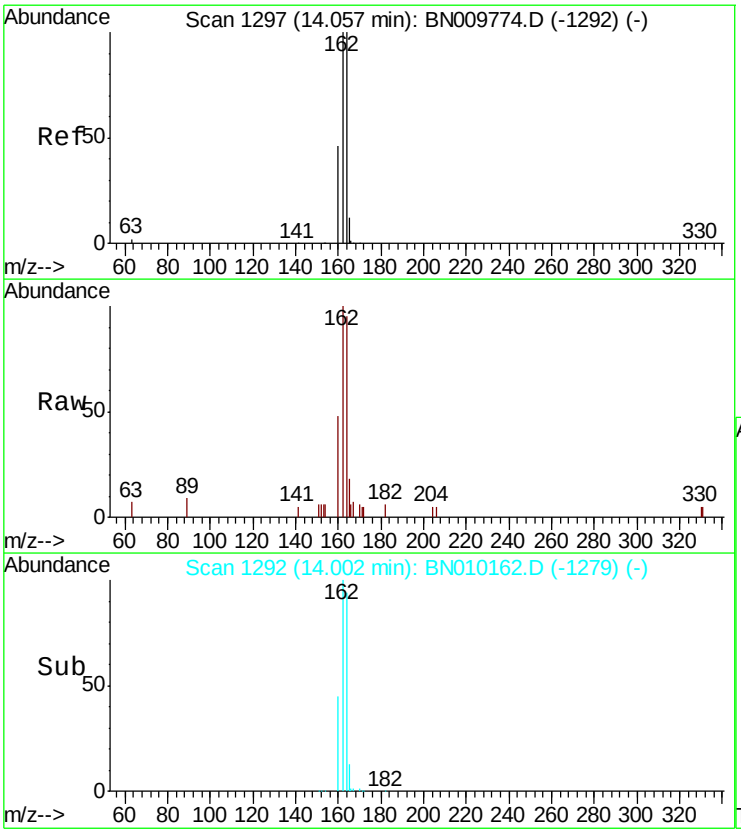
#12
2-Methylnaphthalene
Concen: 0.015 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:142 Resp: 67

Ion	Ratio	Lower	Upper
142	100		
141	95.7	69.8	104.6
115	101.4	34.6	52.0#

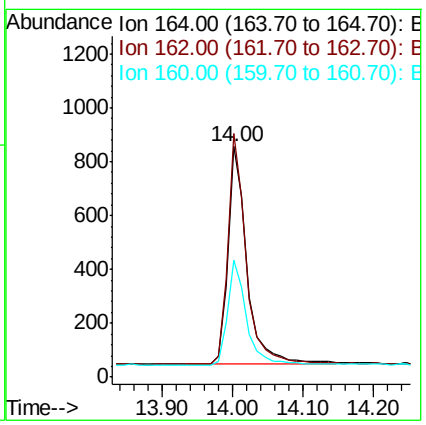


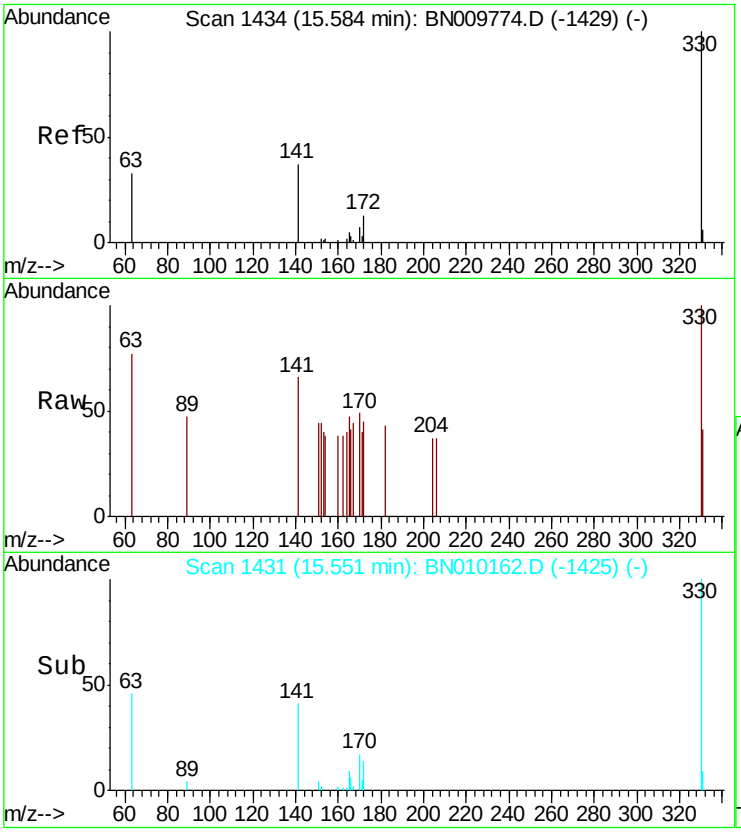


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:164 Resp: 1550

Ion	Ratio	Lower	Upper
164	100		
162	105.7	79.9	119.9
160	50.8	38.2	57.2



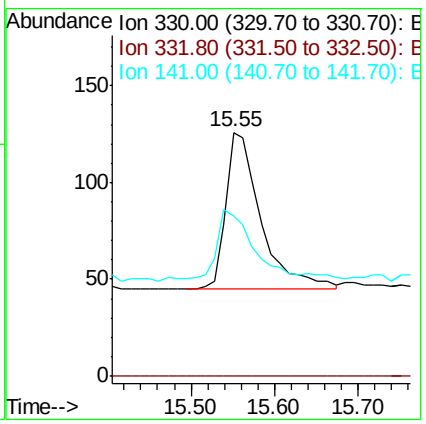


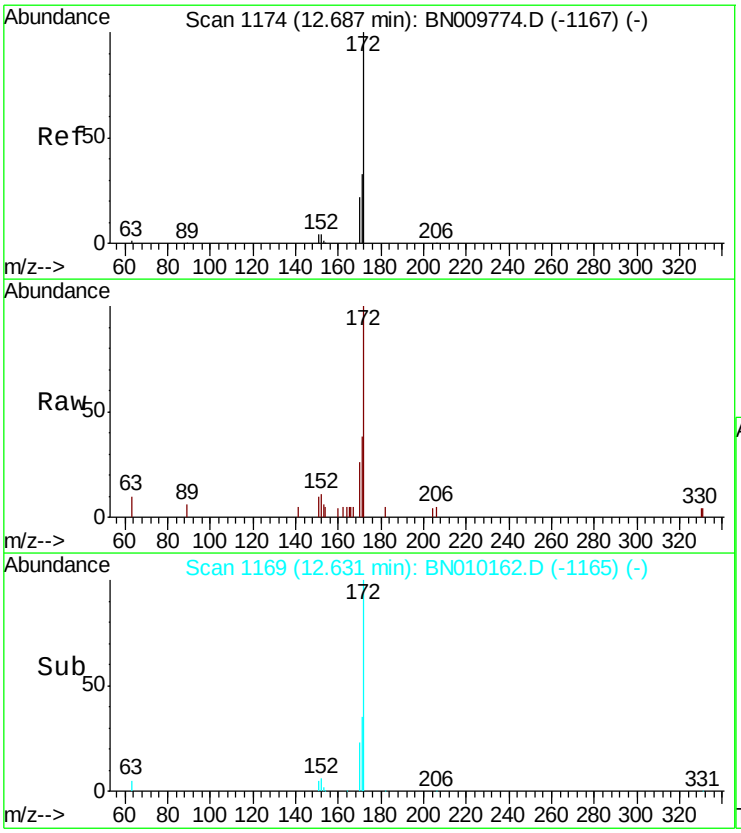
#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:330 Resp: 233

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	52.8	36.8	55.2

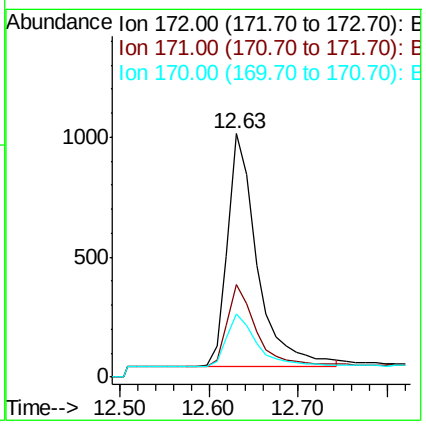


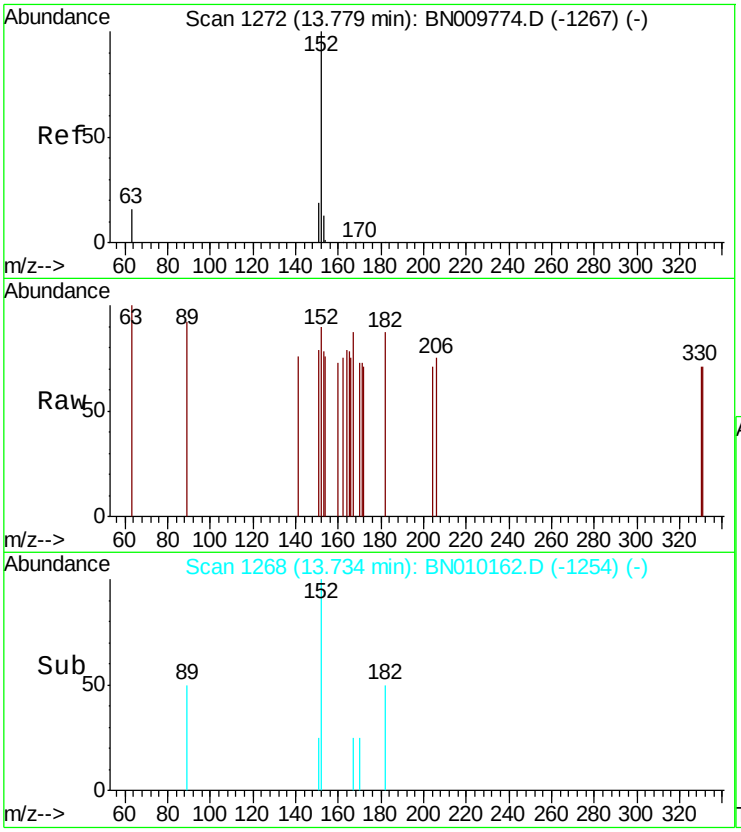


#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 12.63 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:172 Resp: 2247

Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.7	43.1
170	26.2	20.1	30.1



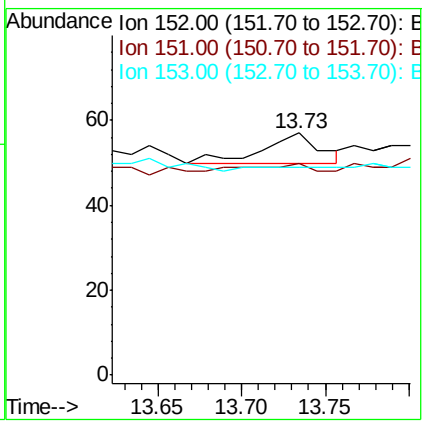


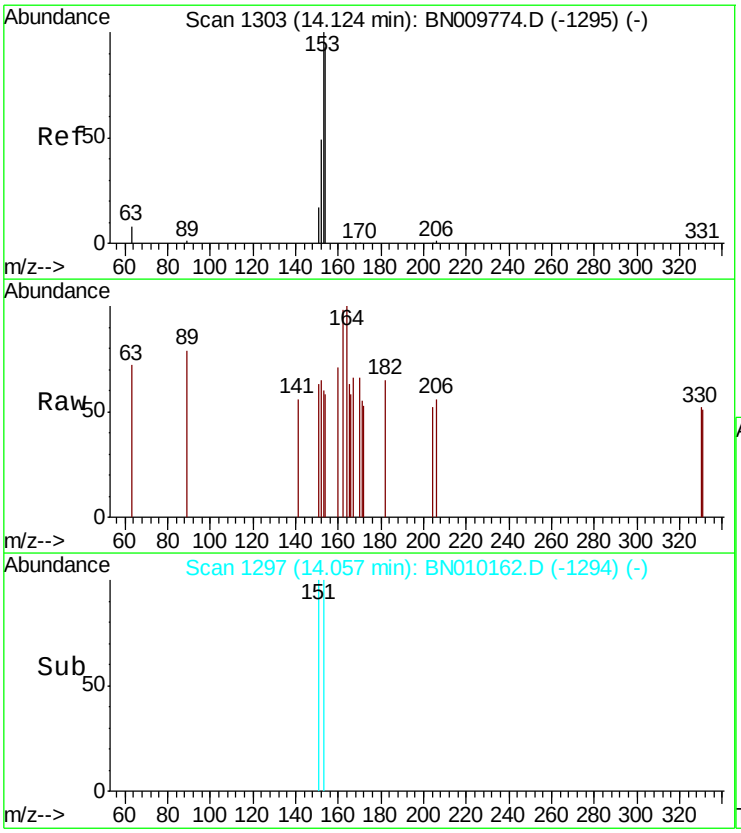
#16
Acenaphthylene
Concen: 0.003 ng
RT: 13.73 min Scan# 1268
Delta R.T. -0.04 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:152 Resp: 17

Ion	Ratio	Lower	Upper
152	100		
151	64.7	15.8	23.6#
153	0.0	10.2	15.4#

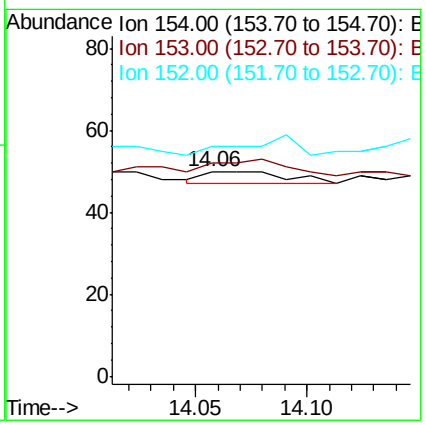


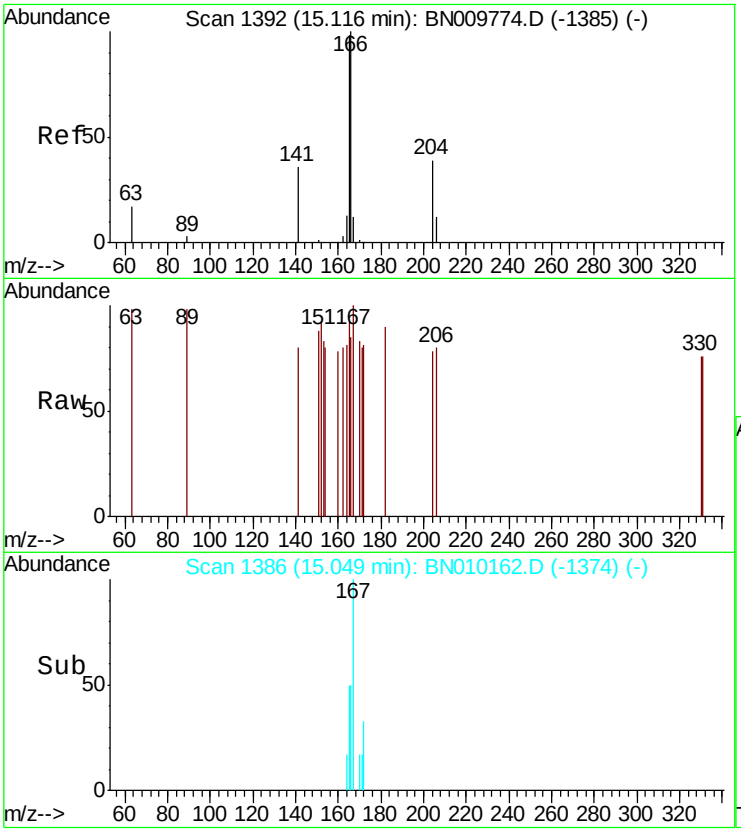


#17
Acenaphthene
Concen: 0.002 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.07 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:154 Resp: 8

Ion	Ratio	Lower	Upper
154	100		
153	0.0	88.9	133.3#
152	0.0	44.2	66.2#



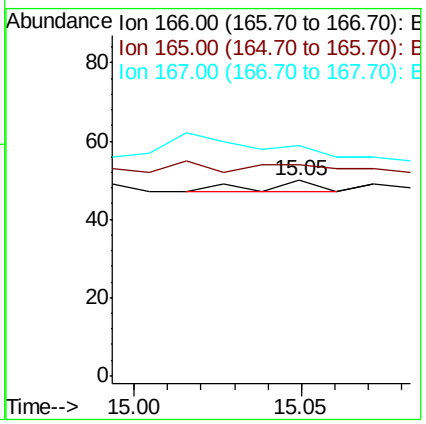


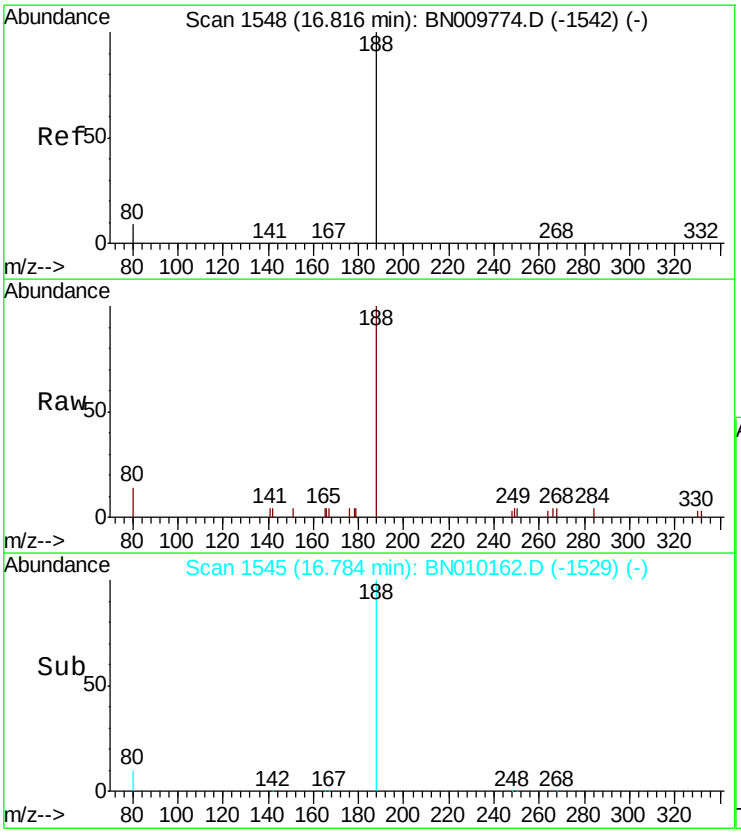
#18
Fluorene
Concen: 0.000 ng
RT: 15.05 min Scan# 1386
Delta R.T. -0.07 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:166 Resp: 3

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.2	115.8#
167	0.0	10.5	15.7#

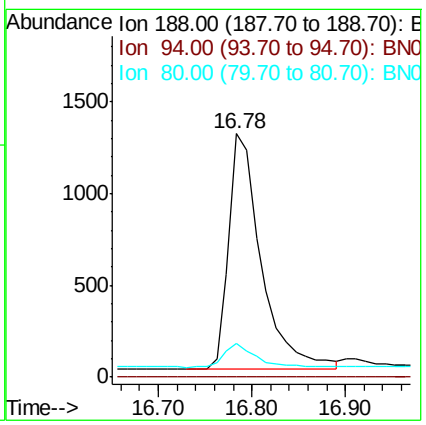


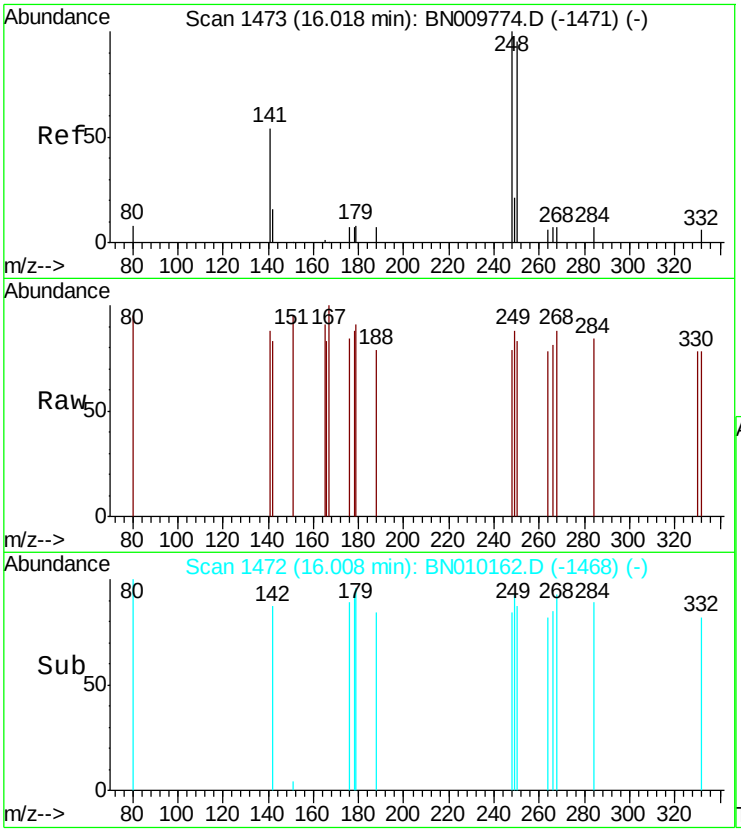


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:188 Resp: 3083

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	8.3	12.5#



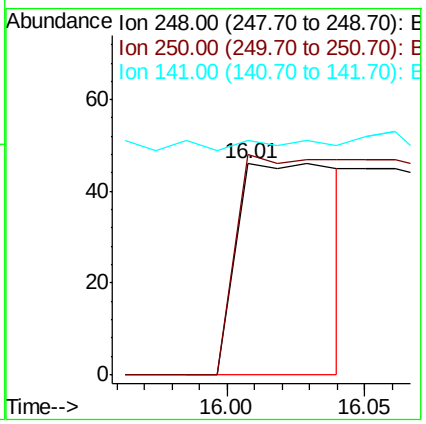


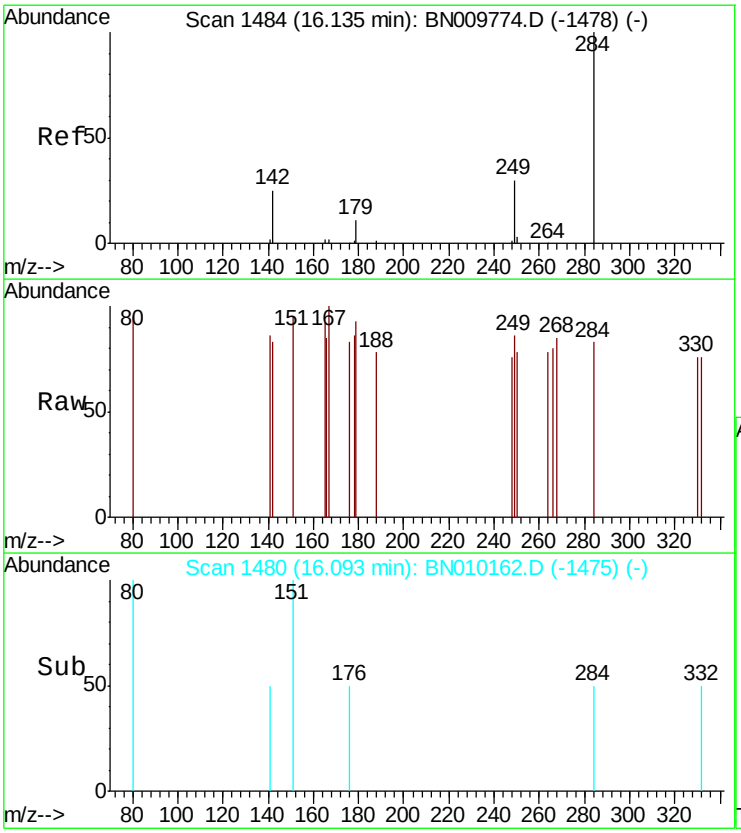
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:248 Resp: 118

Ion	Ratio	Lower	Upper
248	100		
250	104.3	76.2	114.4
141	110.9	57.8	86.6#

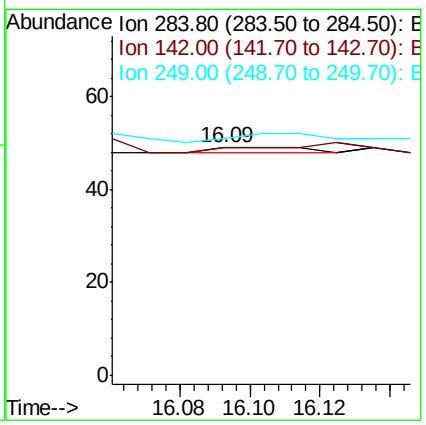


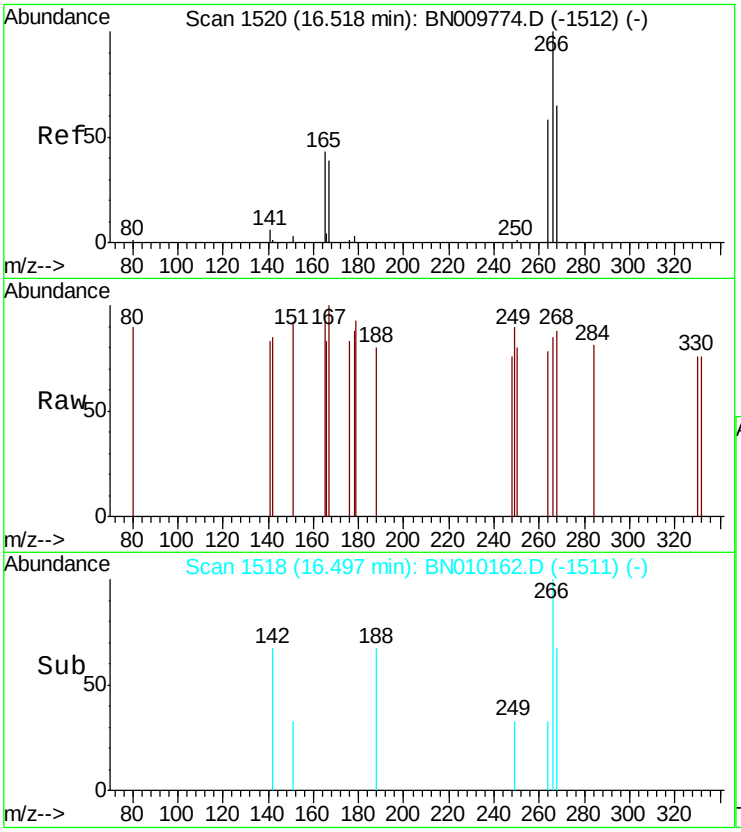


#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.09 min Scan# 1480
Delta R.T. -0.04 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:284 Resp: 2

Ion	Ratio	Lower	Upper
284	100		
142	0.0	33.3	49.9#
249	200.0	25.7	38.5#



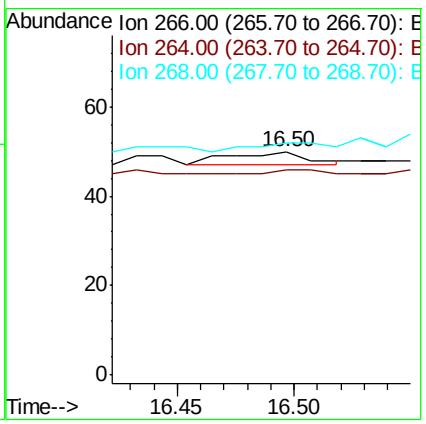


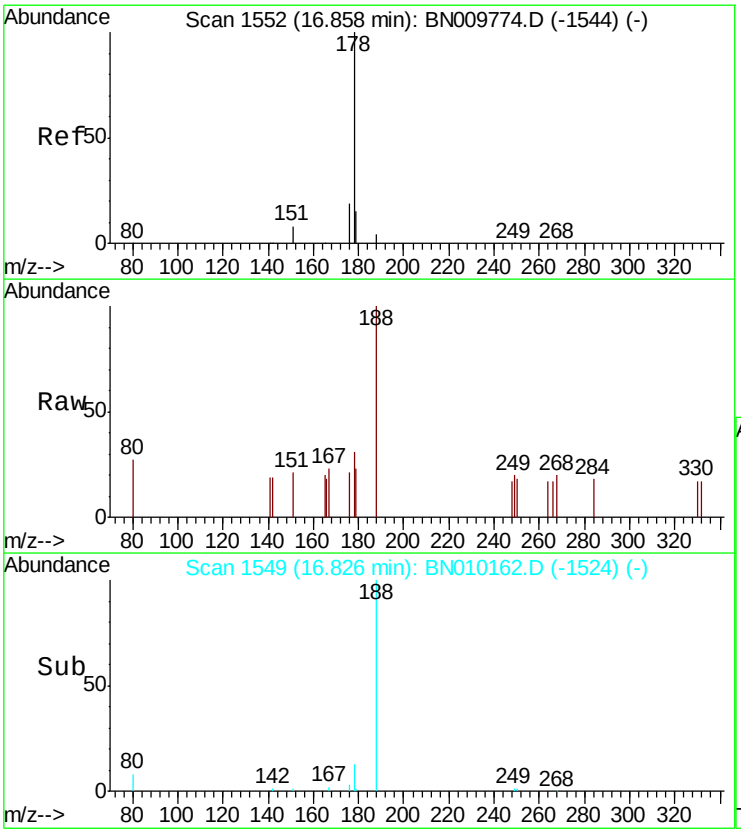
#22
Pentachlorophenol
Concen: 0.189 ng
RT: 16.50 min Scan# 1518
Delta R.T. -0.02 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:266 Resp: 7

Ion	Ratio	Lower	Upper
266	100		
264	92.0	58.1	87.1#
268	104.0	65.7	98.5#

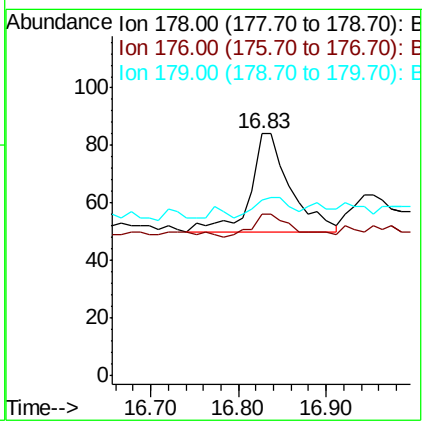


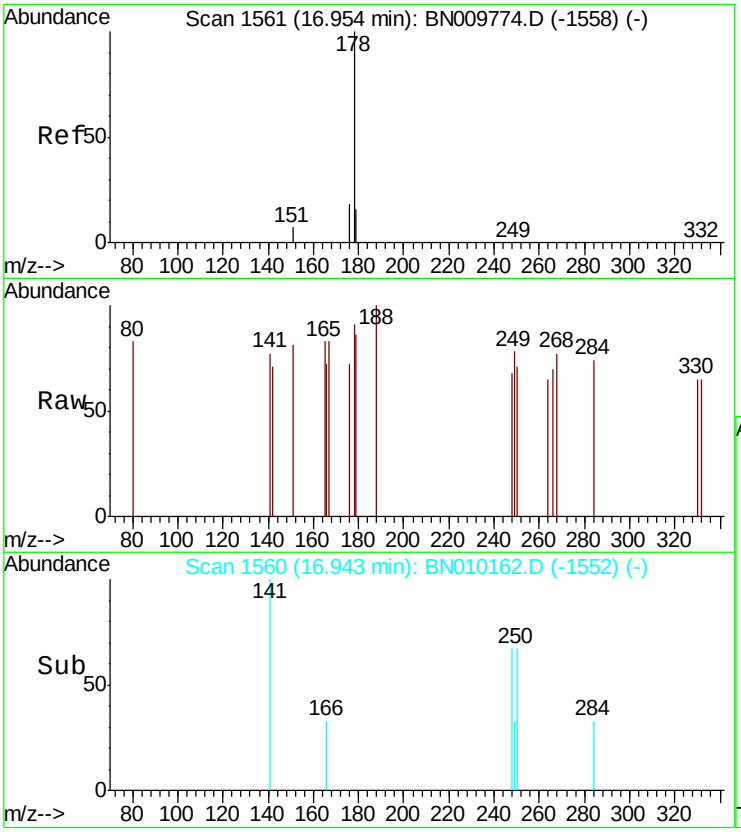


#23
Phenanthrene
Concen: 0.012 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.03 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:178 Resp: 108

Ion	Ratio	Lower	Upper
178	100		
176	24.1	15.3	22.9#
179	17.6	12.4	18.6



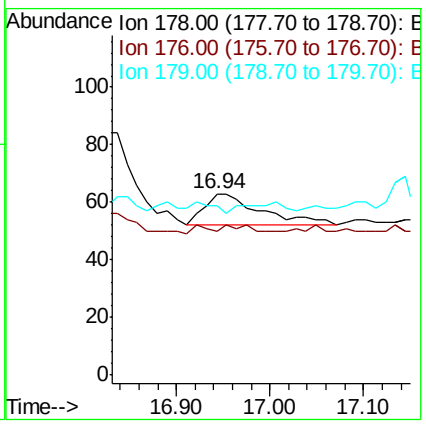


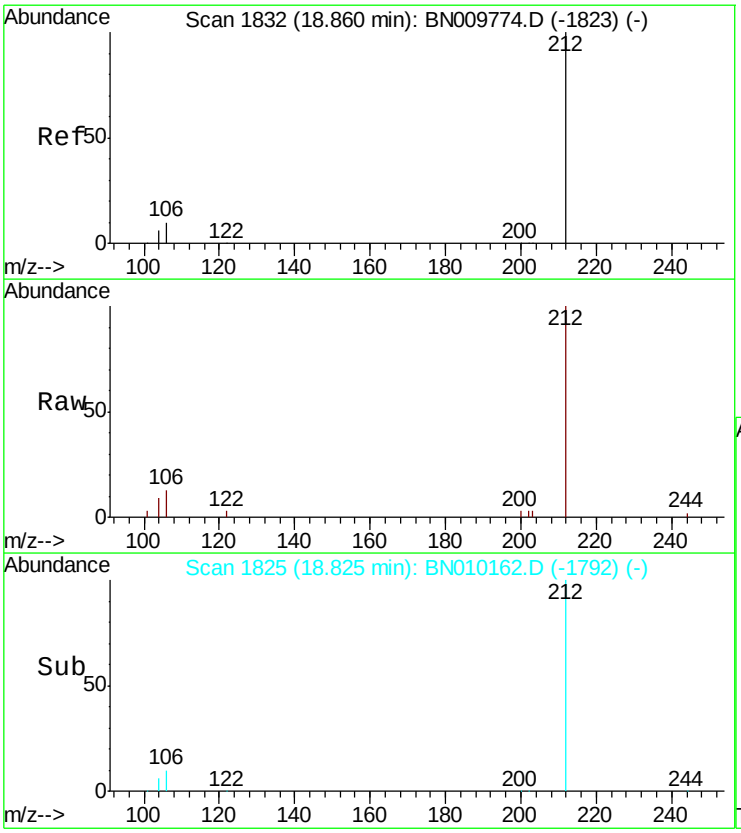
#24
Anthracene
Concen: 0.006 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:178 Resp: 47

Ion	Ratio	Lower	Upper
178	100		
176	10.6	14.3	21.5#
179	0.0	12.4	18.6#

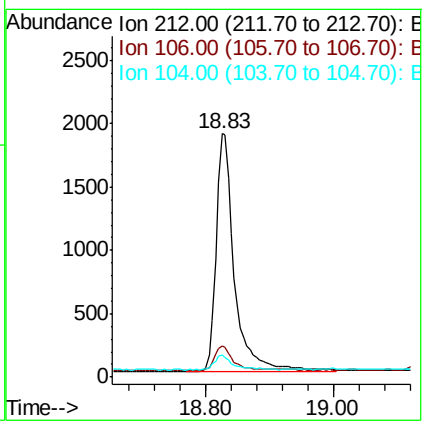


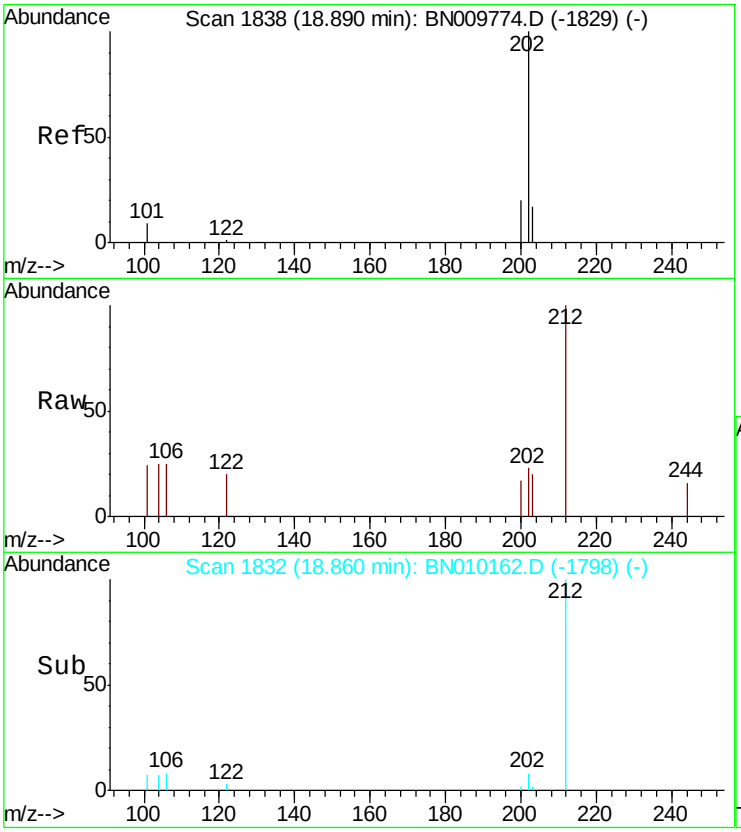


#25
Fluoranthene-d10
Concen: 0.350 ng
RT: 18.83 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:212 Resp: 3736

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.4	12.6
104	6.0	4.8	7.2



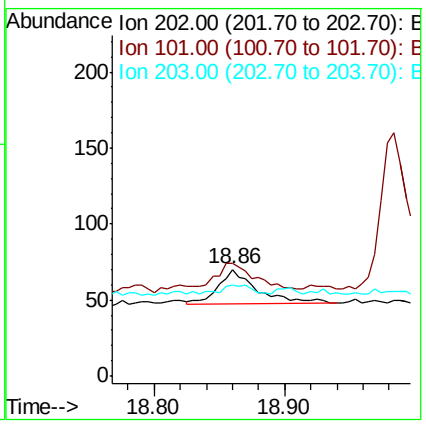


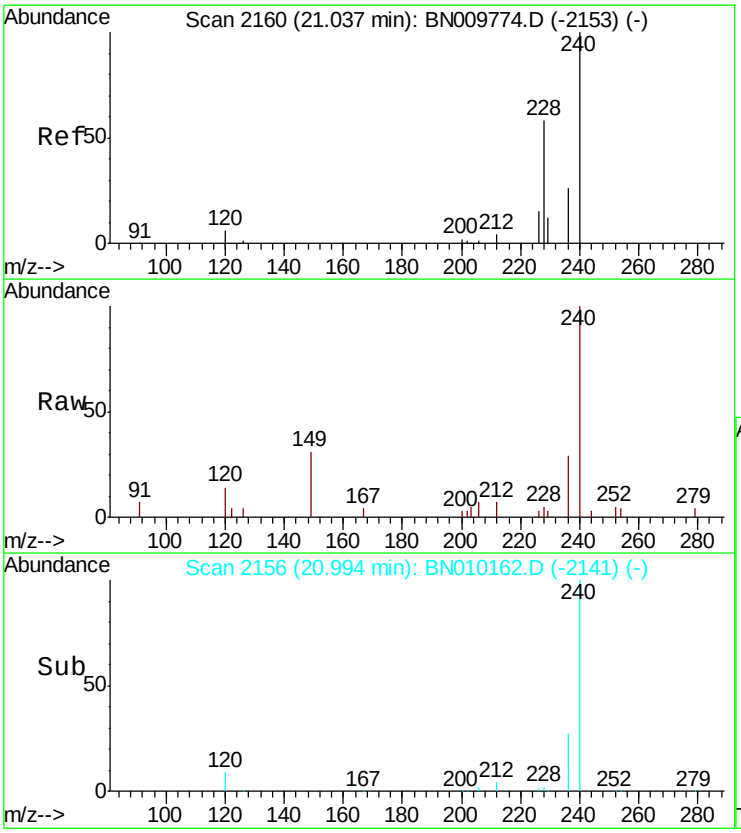
#26
Fluoranthene
Concen: 0.004 ng
RT: 18.86 min Scan# 1832
Delta R.T. -0.03 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:202 Resp: 49

Ion	Ratio	Lower	Upper
202	100		
101	73.5	7.1	10.7#
203	20.4	13.8	20.6

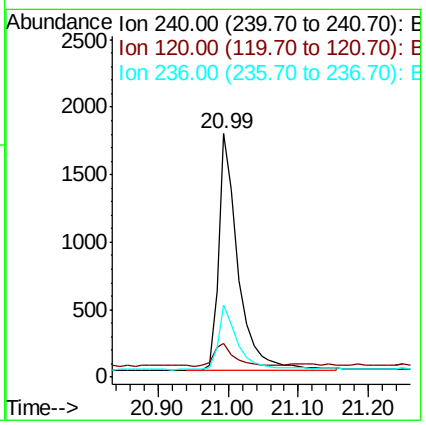


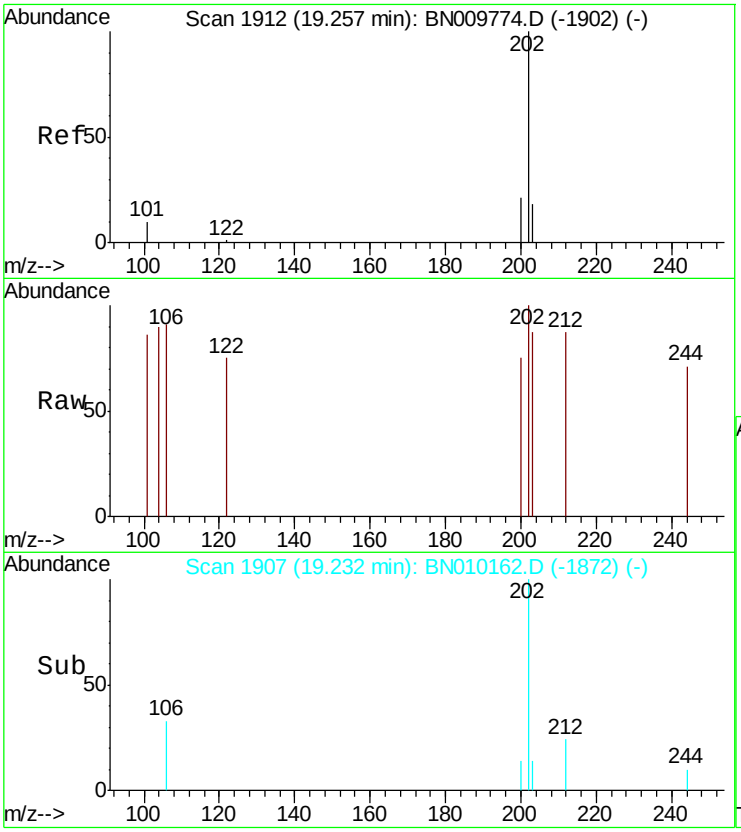


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.04 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:240 Resp: 3420

Ion	Ratio	Lower	Upper
240	100		
120	13.9	7.9	11.9#
236	29.4	22.0	33.0



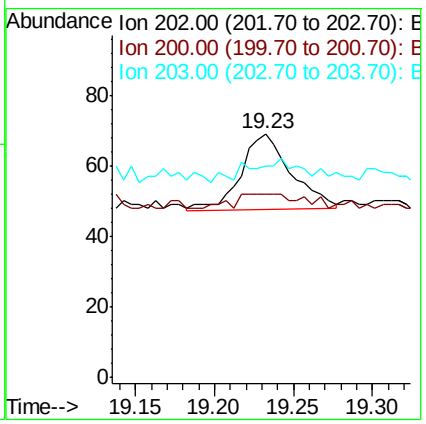


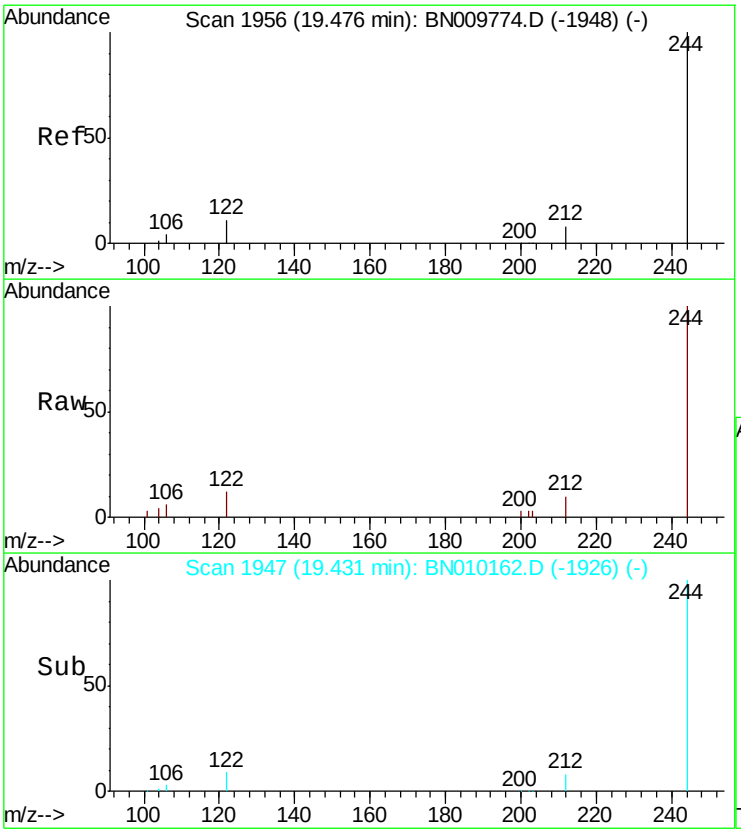
#28
Pyrene
Concen: 0.004 ng
RT: 19.23 min Scan# 1907
Delta R.T. -0.02 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:202 Resp: 47

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.4	24.6#
203	14.9	13.9	20.9

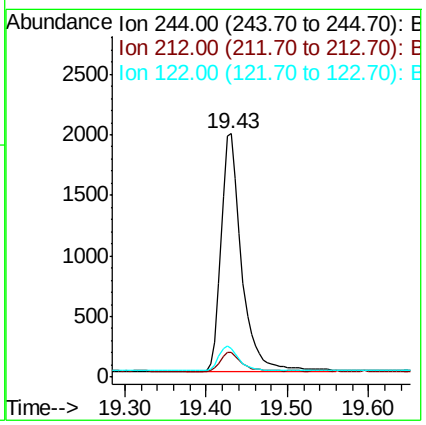


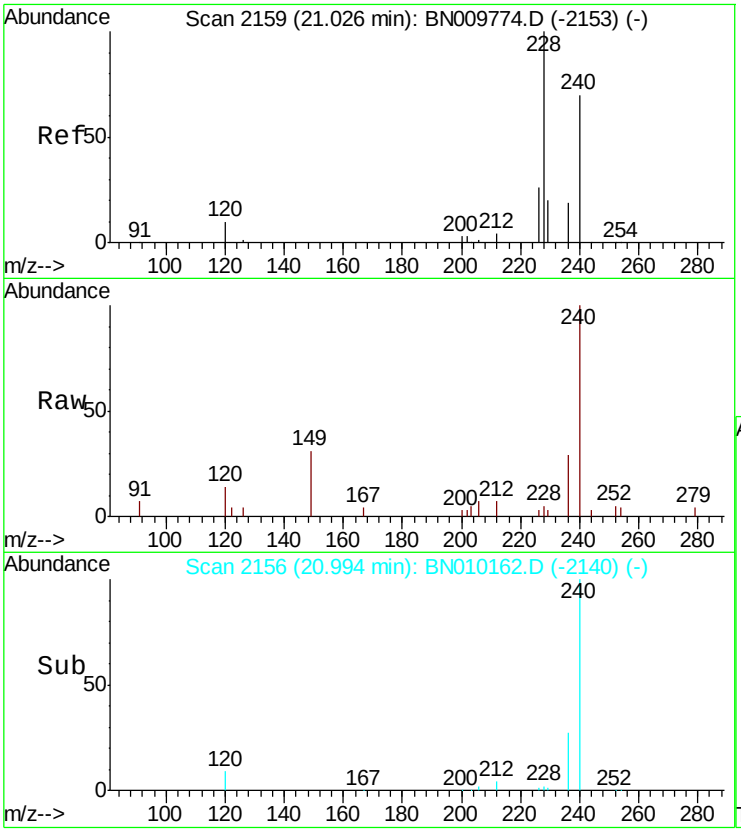


#29
Terphenyl-d14
Concen: 0.424 ng
RT: 19.43 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:244 Resp: 3462

Ion	Ratio	Lower	Upper
244	100		
212	10.2	8.0	12.0
122	12.0	10.0	15.0



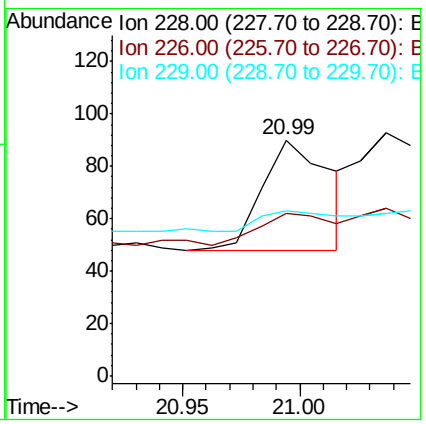


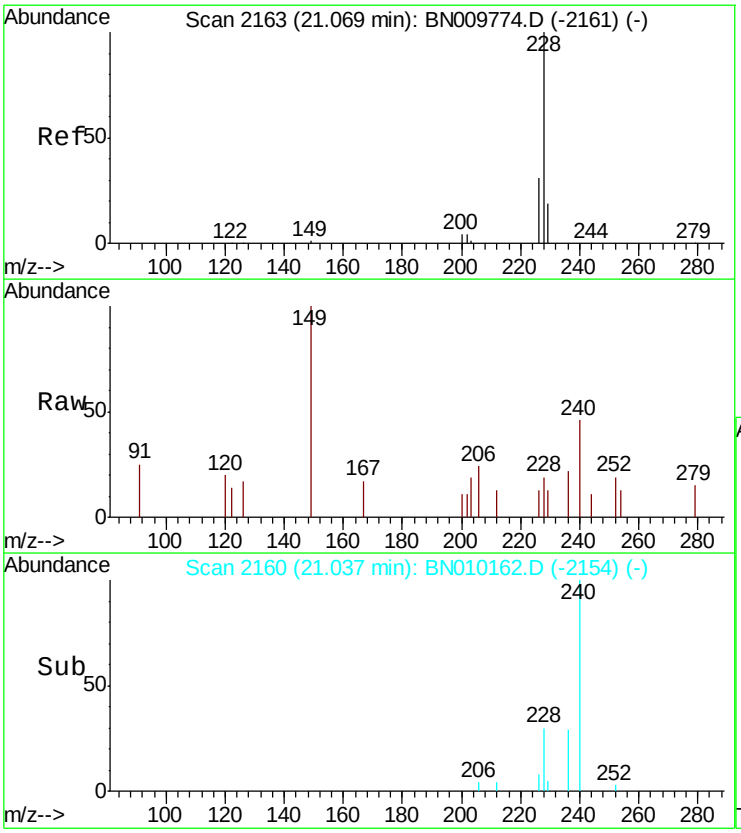
#30
Benzo(a)anthracene
Concen: 0.007 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.03 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:228 Resp: 85

Ion	Ratio	Lower	Upper
228	100		
226	68.9	21.8	32.8#
229	70.0	17.1	25.7#

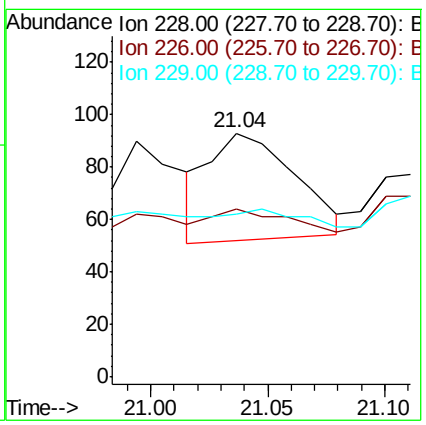


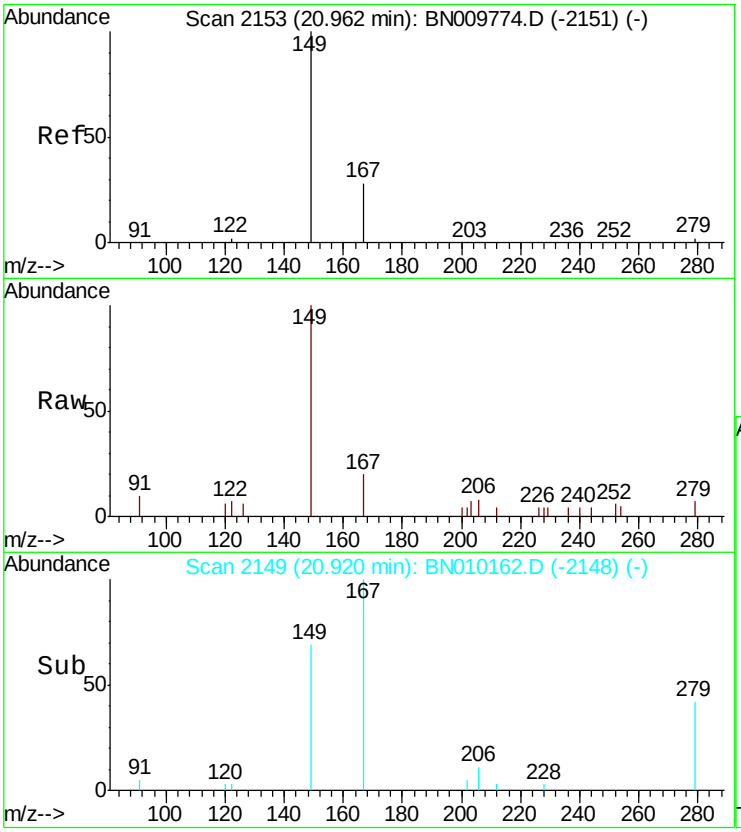


#31
Chrysene
Concen: 0.008 ng
RT: 21.04 min Scan# 2160
Delta R.T. -0.03 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:228 Resp: 104

Ion	Ratio	Lower	Upper
228	100		
226	68.8	24.8	37.2#
229	66.7	16.4	24.6#



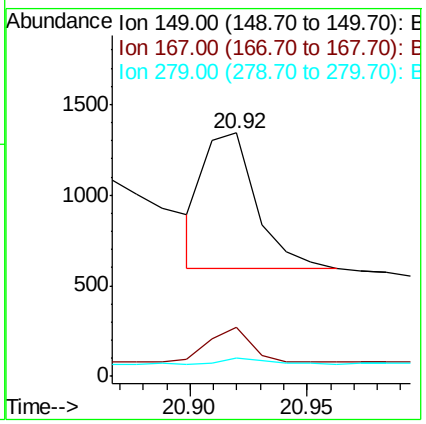


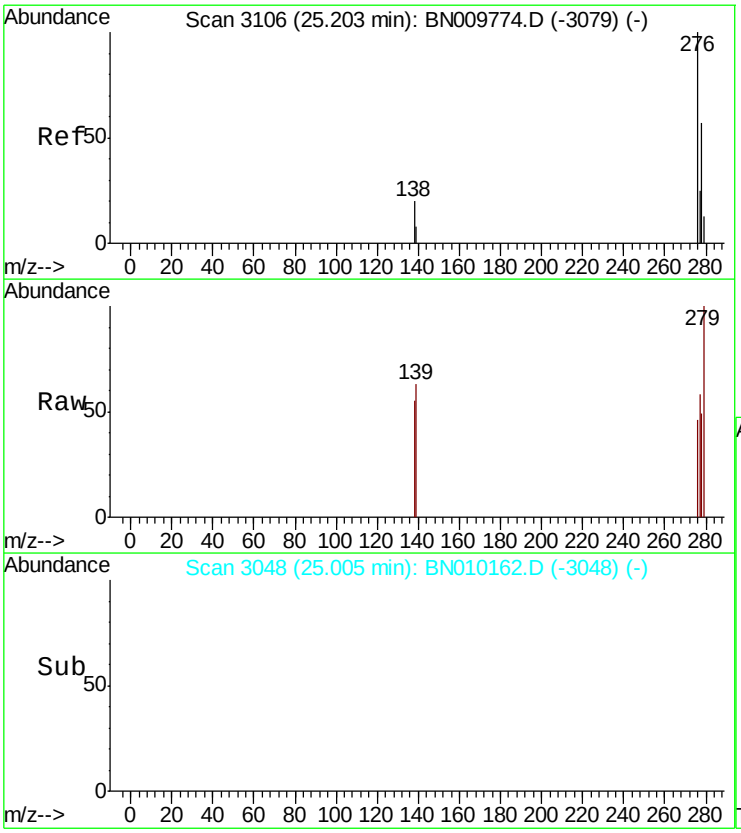
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.212 ng
RT: 20.92 min Scan# 2149
Delta R.T. -0.04 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:149 Resp: 1172

Ion	Ratio	Lower	Upper
149	100		
167	20.4	22.7	34.1#
279	3.5	3.1	4.7

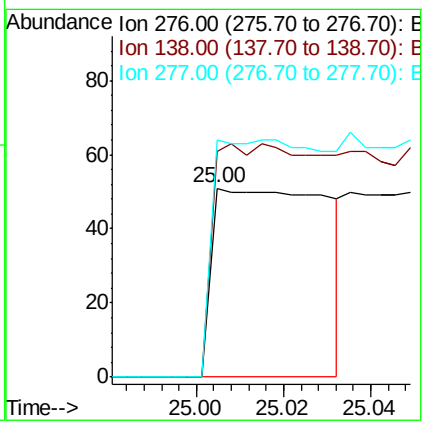


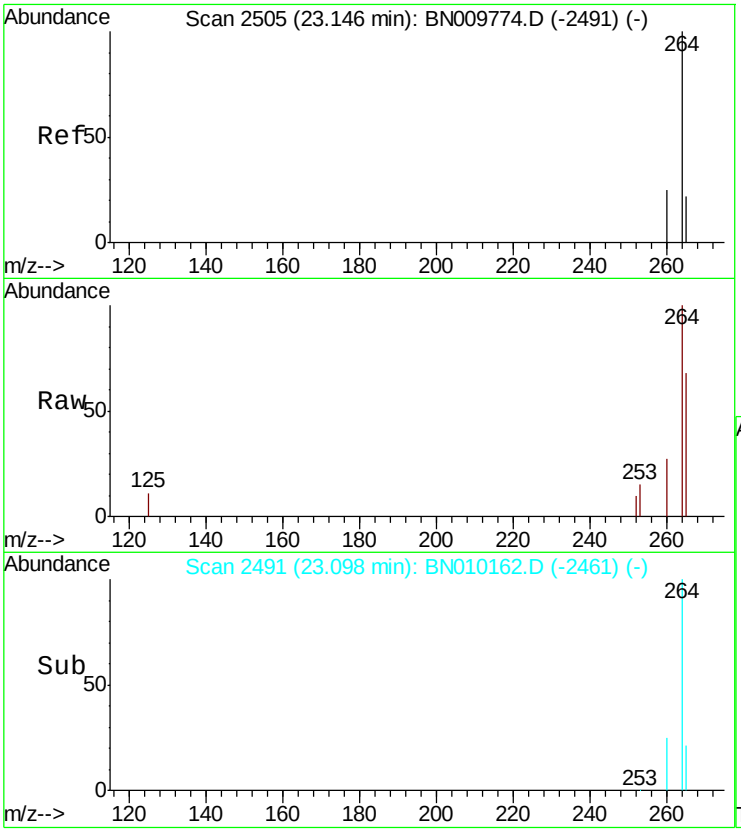


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.007 ng
RT: 25.00 min Scan# 3048
Delta R.T. -0.20 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:276 Resp: 92

Ion	Ratio	Lower	Upper
276	100		
138	41.3	15.8	23.6#
277	112.0	19.3	28.9#



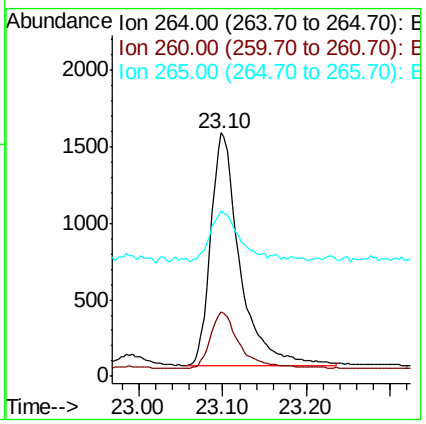


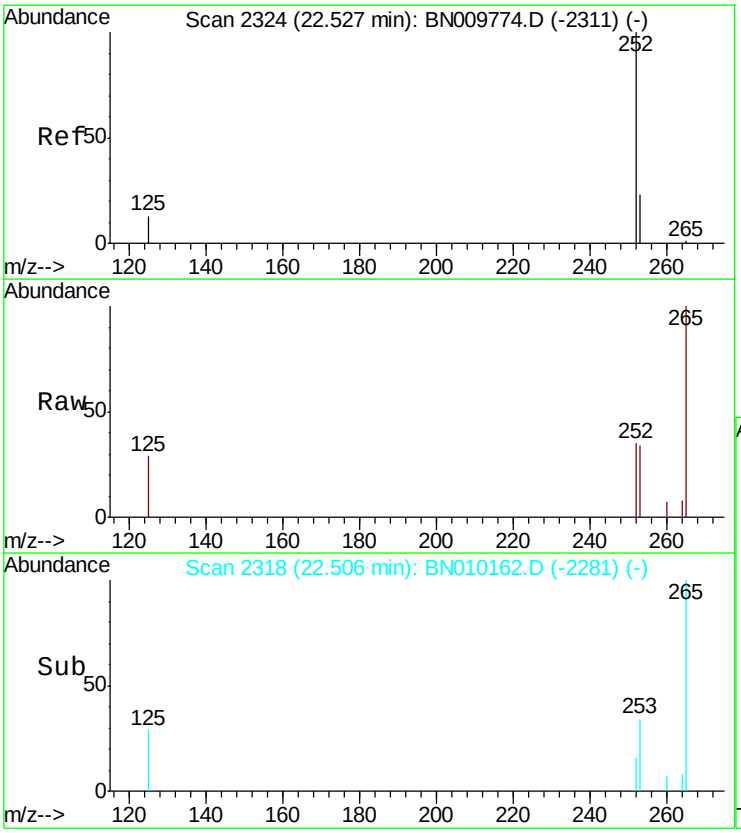
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2491
Delta R.T. -0.05 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:264 Resp: 3718

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.1	31.7
265	68.1	57.5	86.3

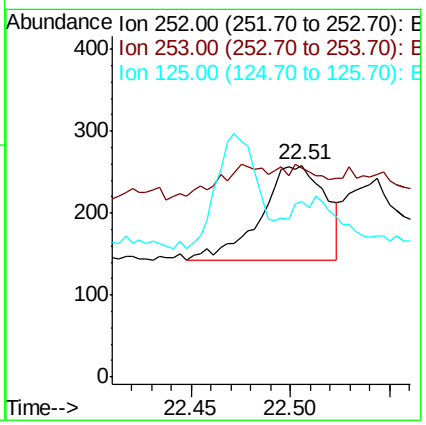


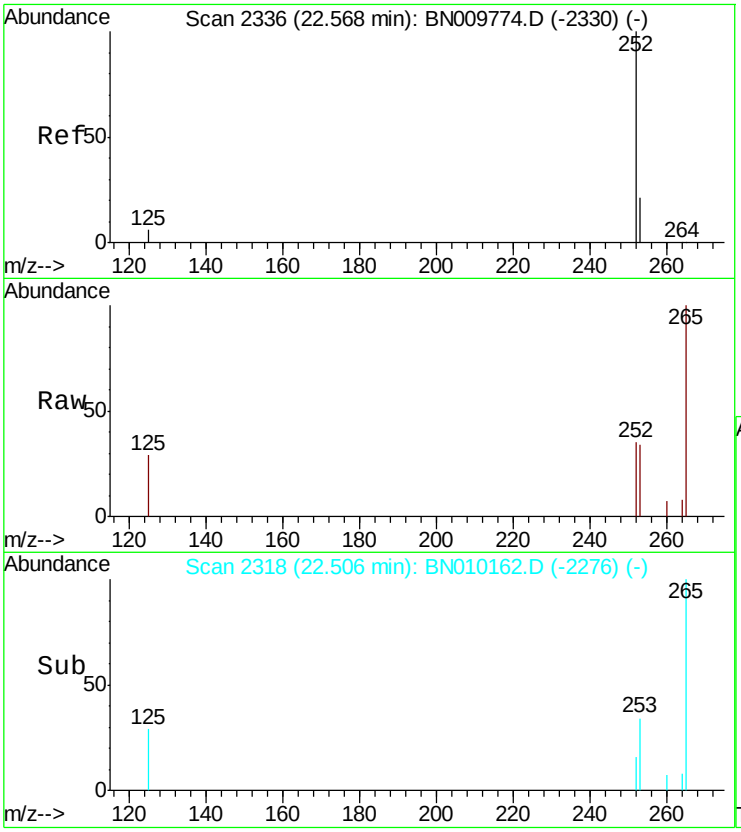


#35
Benzo(b)fluoranthene
Concen: 0.019 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.02 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:252 Resp: 261

Ion	Ratio	Lower	Upper
252	100		
253	98.5	23.0	34.6#
125	82.6	14.4	21.6#



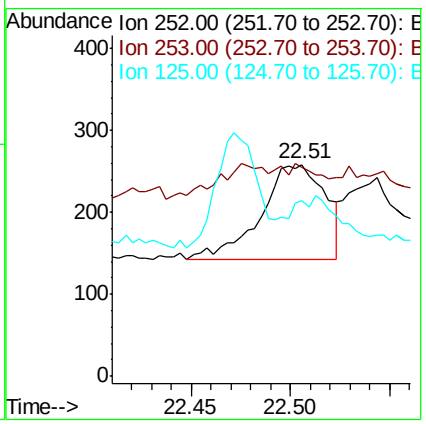


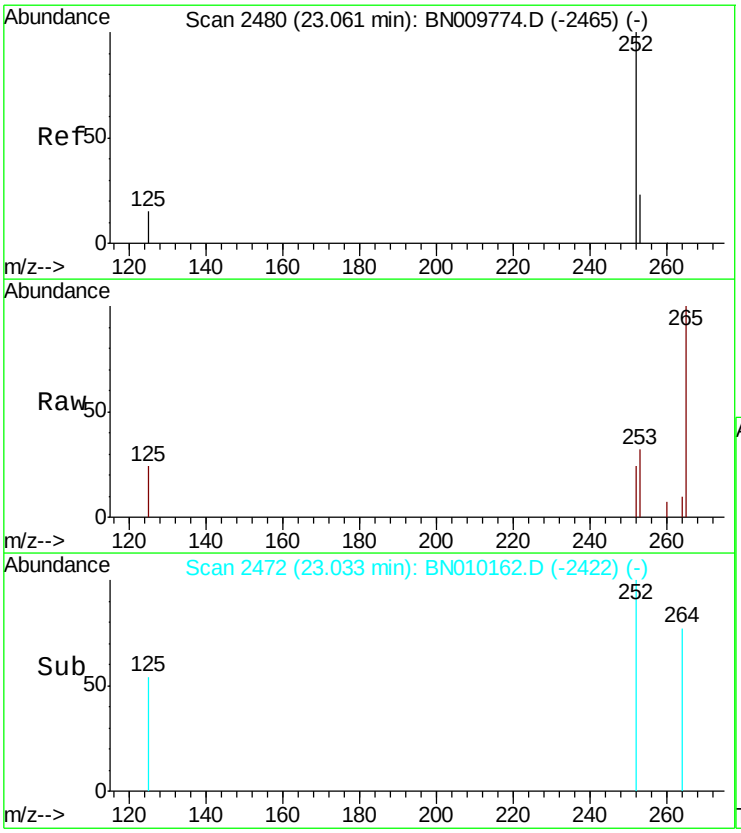
#36
Benzo(k)fluoranthene
Concen: 0.018 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.06 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:252 Resp: 261

Ion	Ratio	Lower	Upper
252	100		
253	98.5	22.2	33.2#
125	82.6	10.5	15.7#

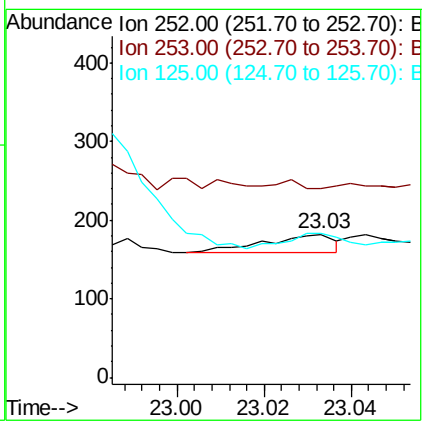


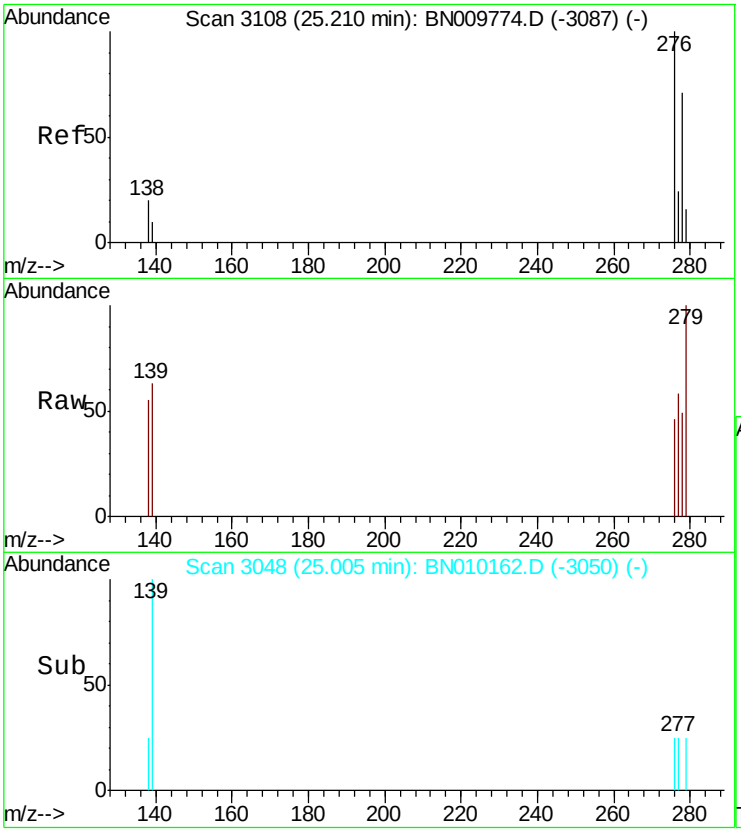


#37
Benzo(a)pyrene
Concen: 0.002 ng
RT: 23.03 min Scan# 2472
Delta R.T. -0.03 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:252 Resp: 25

Ion	Ratio	Lower	Upper
252	100		
253	131.9	25.3	37.9#
125	100.5	17.7	26.5#



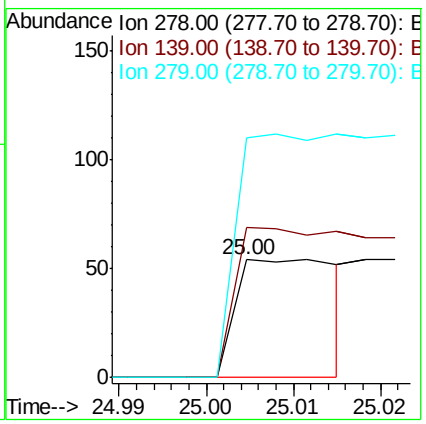


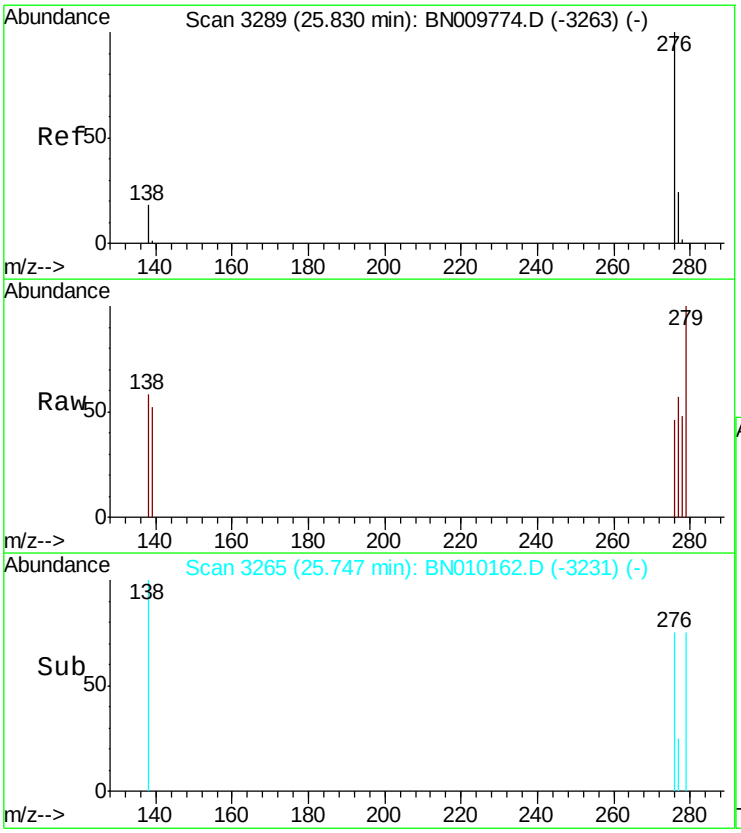
#38
Dibenzo(a,h)anthracene
Concen: 0.004 ng
RT: 25.00 min Scan# 3048
Delta R.T. -0.21 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Instrument :
BNA_N
ClientSampleId :
PB127383BL

Tgt Ion:278 Resp: 44

Ion	Ratio	Lower	Upper
278	100		
139	127.8	14.5	21.7#
279	203.7	24.3	36.5#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 25.75 min Scan# 3265
Delta R.T. -0.08 min
Lab File: BN010162.D
Acq: 10 Mar 2020 15:32

Tgt Ion:276 Resp: 1

Ion	Ratio	Lower	Upper
276	100		
277	123.5	21.4	32.0#
138	125.5	16.6	24.8#