Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010172.D
Acq On : 10 Mar 2020 22:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 11 03:23:29 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	709	0.40	ng		-0.05
7) Naphthalene-d8	10.13	136	2437	0.40	ng		-0.05
13) Acenaphthene-d10	14.00	164	1545	0.40	ng		-0.06
19) Phenanthrene-d10	16.78	188	3268	0.40	ng		-0.03
27) Chrysene-d12	20.99	240	3278	0.40	ng		-0.04
34) Perylene-d12	23.10	264	3424	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	764	0.48	ng		-0.05
5) Phenol-d6	6.62	99	827	0.43	ng		-0.02
8) Nitrobenzene-d5	8.58	82	808	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	11.74	152	1939	0.41	ng		-0.04
14) 2,4,6-Tribromophenol	15.55	330	257	0.43	ng		-0.03
15) 2-Fluorobiphenyl	12.64	172	2307	0.40	ng		-0.04
25) Fluoranthene-d10	18.82	212	4564	0.40	ng		-0.04
29) Terphenyl-d14	19.44	244	2958	0.38	ng		-0.04
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.39	42	688	0.577	ng	#	95
6) bis(2-Chloroethyl)ether	6.84	93	791	0.424	ng		90
9) Naphthalene	10.18	128	2754	0.414	ng		96
10) Hexachlorobutadiene	10.43	225	648	0.443	ng	#	94
12) 2-Methylnaphthalene	11.82	142	1861	0.408	ng		98
16) Acenaphthylene	13.72	152	2617	0.397	ng		99
17) Acenaphthene	14.07	154	1869	0.404	ng		99
18) Fluorene	15.08	166	2341	0.383	ng		98
20) 4-Bromophenyl-phenylether	16.01	248	246	Below Cal			94
21) Hexachlorobenzene	16.09	284	859	0.422	ng		97
22) Pentachlorophenol	16.48	266	202	0.475	ng		97
23) Phenanthrene	16.83	178	3740	0.385	ng		100
24) Anthracene	16.93	178	3191	0.388	ng		99
26) Fluoranthene	18.85	202	4609	0.396	ng		99
28) Pyrene	19.22	202	4692	0.377	ng		100
30) Benzo(a)anthracene	20.98	228	3921	0.360	ng		99
31) Chrysene	21.04	228	5123	0.407	ng		98
32) Bis(2-ethylhexyl)phthalate	20.92	149	2652	0.500	ng		94
33) Indeno(1,2,3-cd)pyrene	25.14	276	5373	0.410	ng		97
35) Benzo(b)fluoranthene	22.49	252	4595	0.367	ng	#	96
36) Benzo(k)fluoranthene	22.53	252	5423	0.398	ng		99
37) Benzo(a)pyrene	23.02	252	4429	0.388	ng	#	95
38) Dibenzo(a,h)anthracene	25.15	278	4268	0.380	ng		97
39) Benzo(g,h,i)perylene	25.76	276	4780	0.399	ng		99

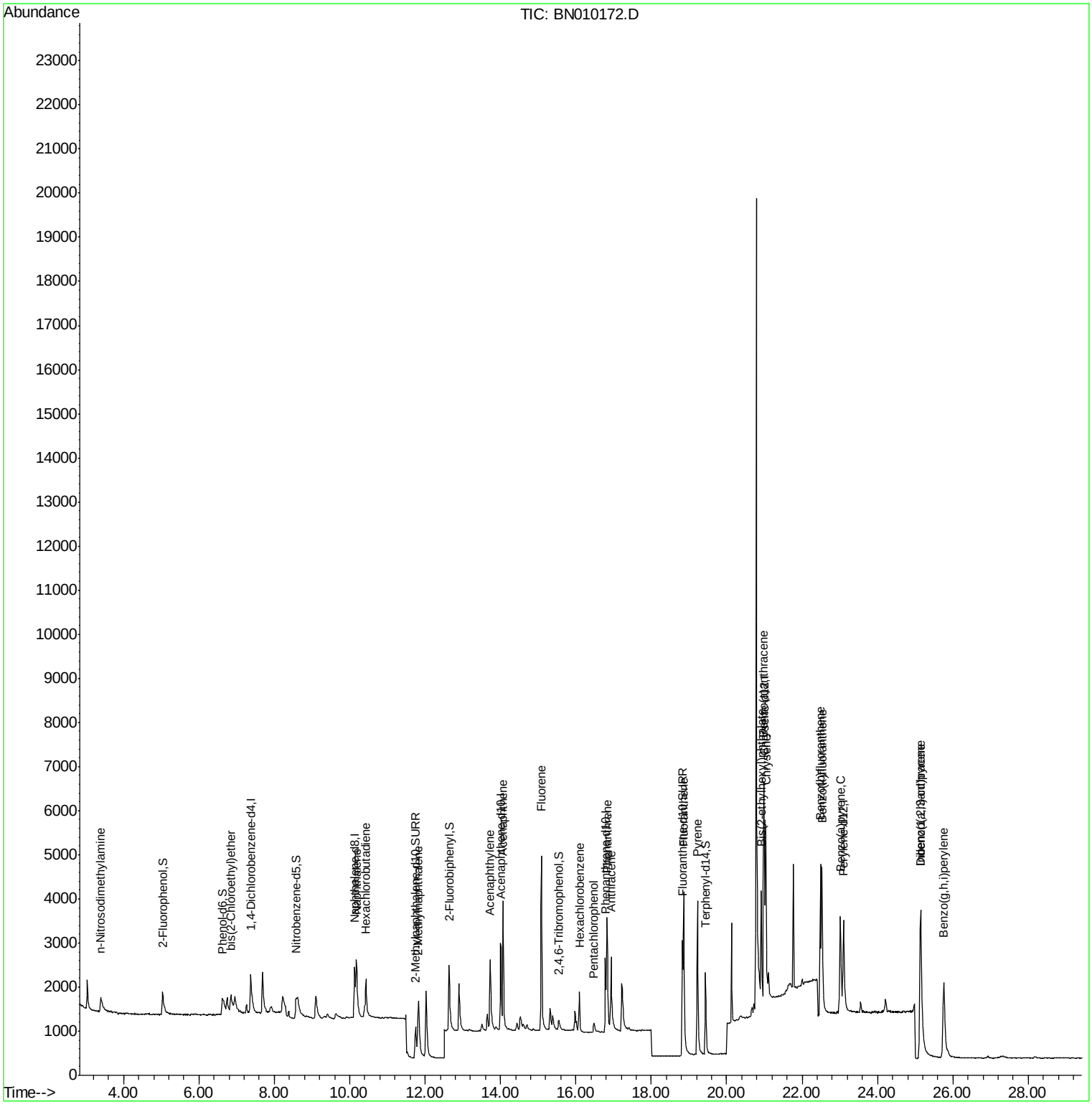
(#) = qualifier out of range (m) = manual integration (+) = signals summed

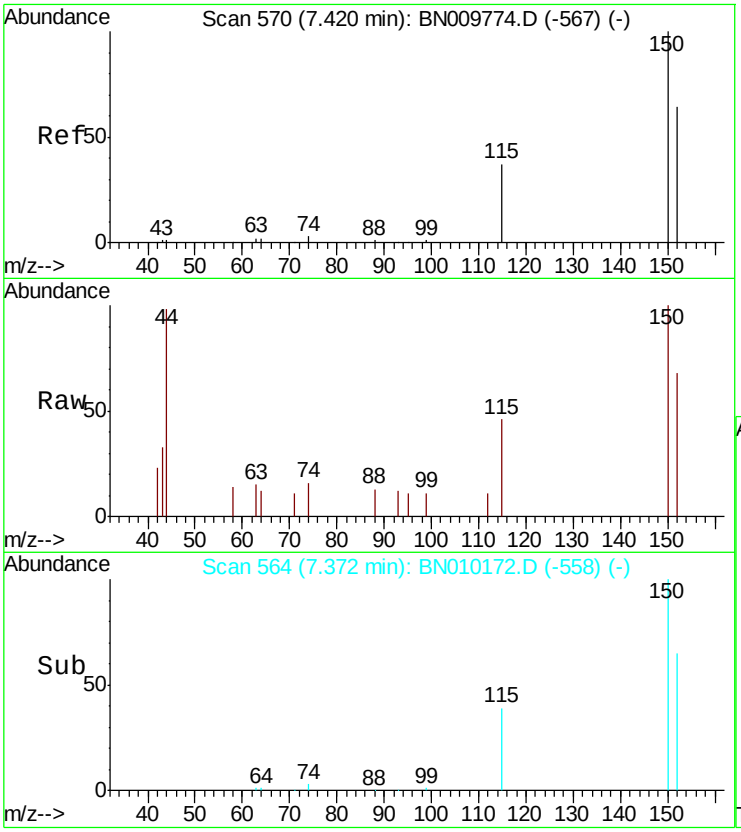
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010172.D
Acq On : 10 Mar 2020 22:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 11 03:23:29 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



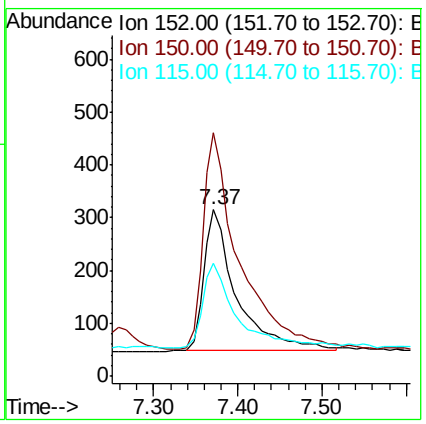


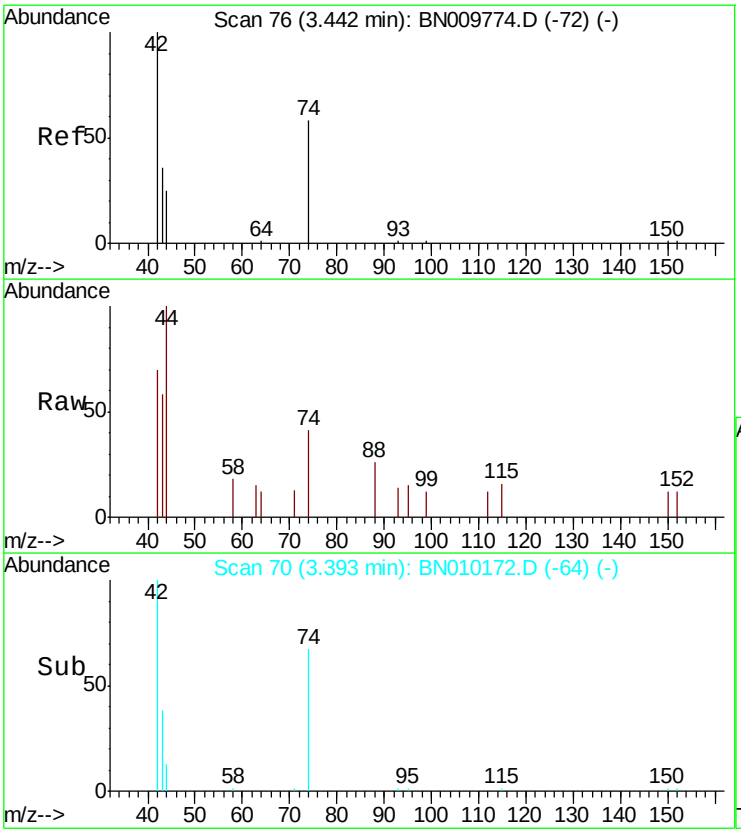
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 709

Ion	Ratio	Lower	Upper
152	100		
150	146.3	120.6	181.0
115	67.6	51.2	76.8

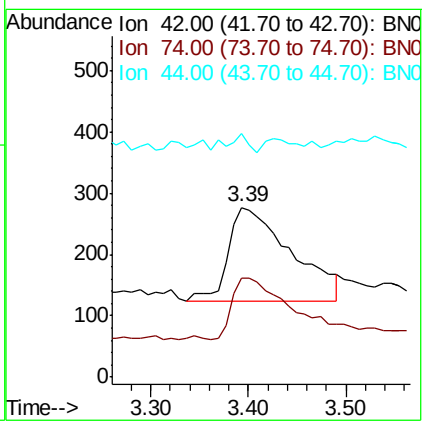


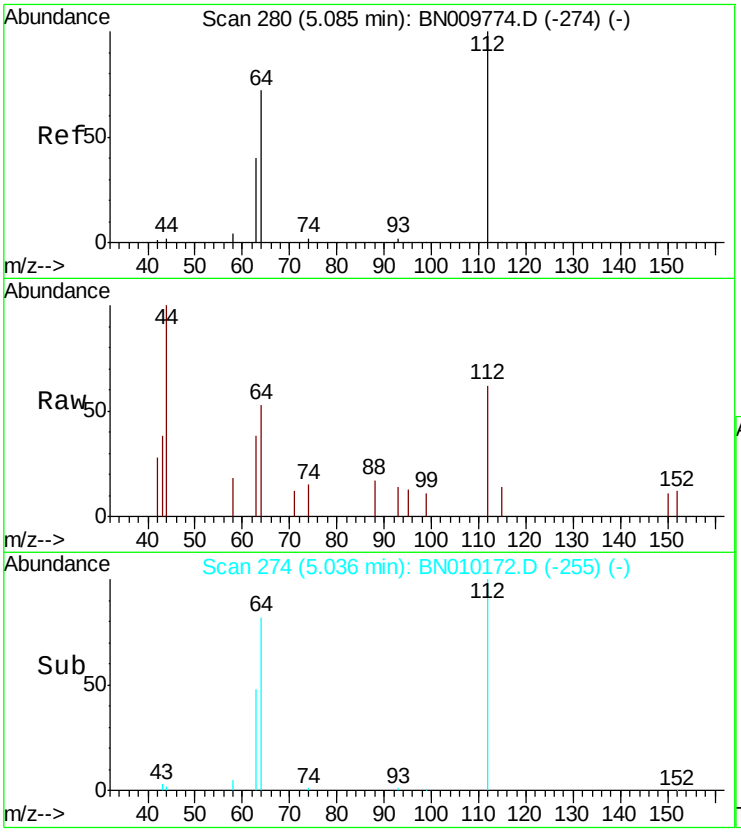


#3
n-Nitrosodimethylamine
Concen: 0.577 ng
RT: 3.39 min Scan# 70
Delta R.T. -0.05 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion: 42 Resp: 688

Ion	Ratio	Lower	Upper
42	100		
74	60.0	51.2	76.8
44	6.0	2.6	4.0#



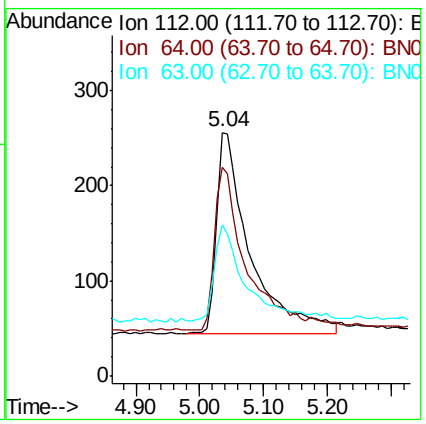


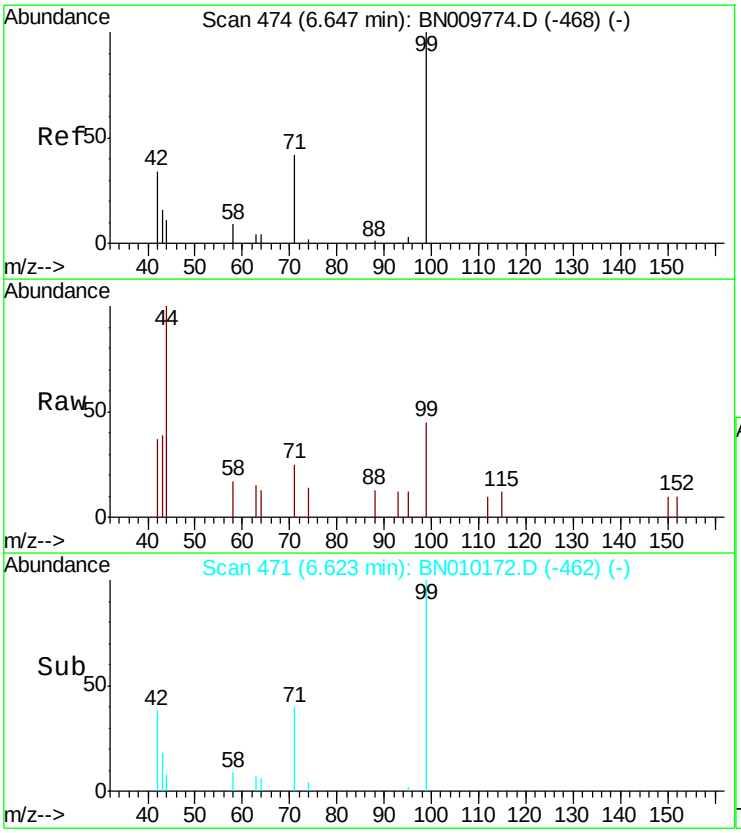
#4
2-Fluorophenol
Concen: 0.485 ng
RT: 5.04 min Scan# 274
Delta R.T. -0.05 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:112 Resp: 764

Ion	Ratio	Lower	Upper
112	100		
64	75.5	65.8	98.6
63	45.5	38.7	58.1

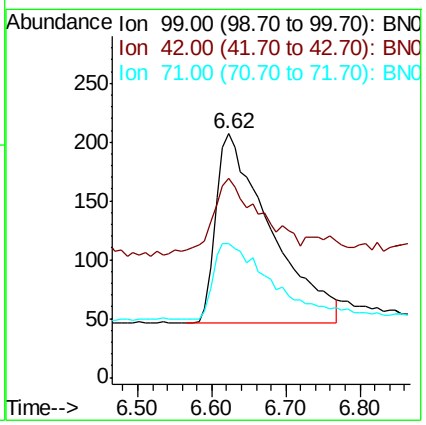


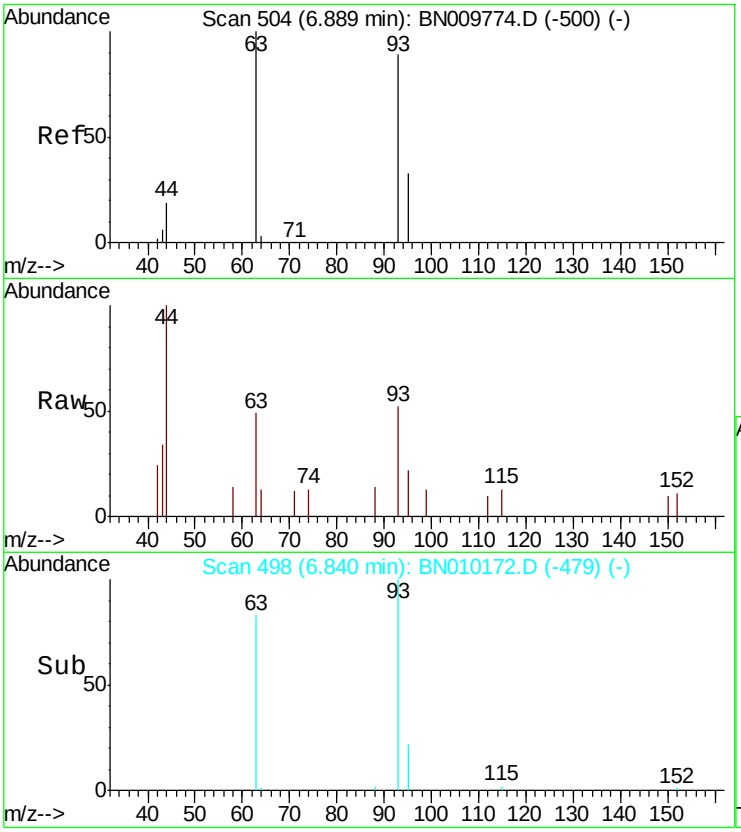


#5
Phenol-d6
Concen: 0.431 ng
RT: 6.62 min Scan# 471
Delta R.T. -0.02 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion: 99 Resp: 827

Ion	Ratio	Lower	Upper
99	100		
42	37.4	30.8	46.2
71	42.1	34.9	52.3



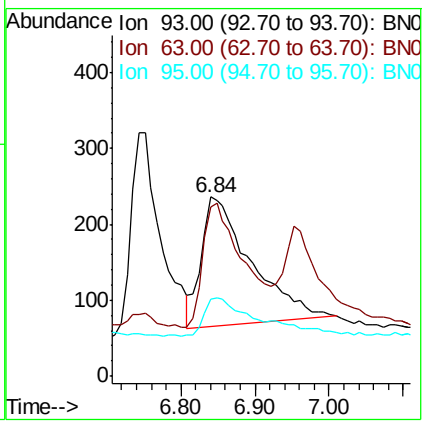


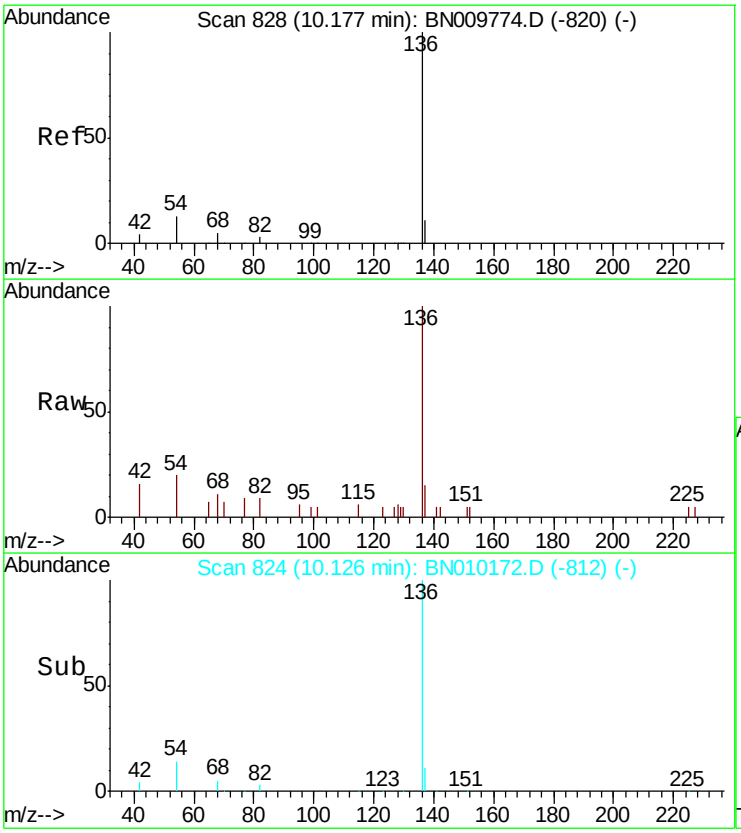
#6
bis(2-Chloroethyl)ether
Concen: 0.424 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.05 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 93 Resp: 791

Ion	Ratio	Lower	Upper
93	100		
63	79.6	74.0	111.0
95	32.4	26.7	40.1

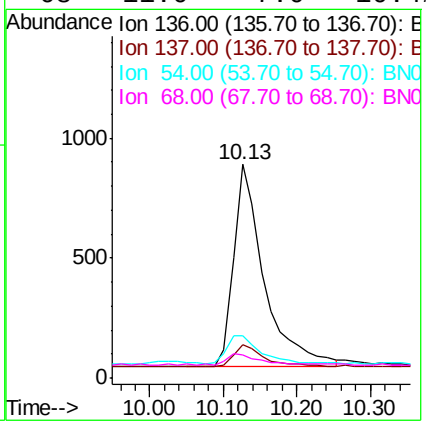


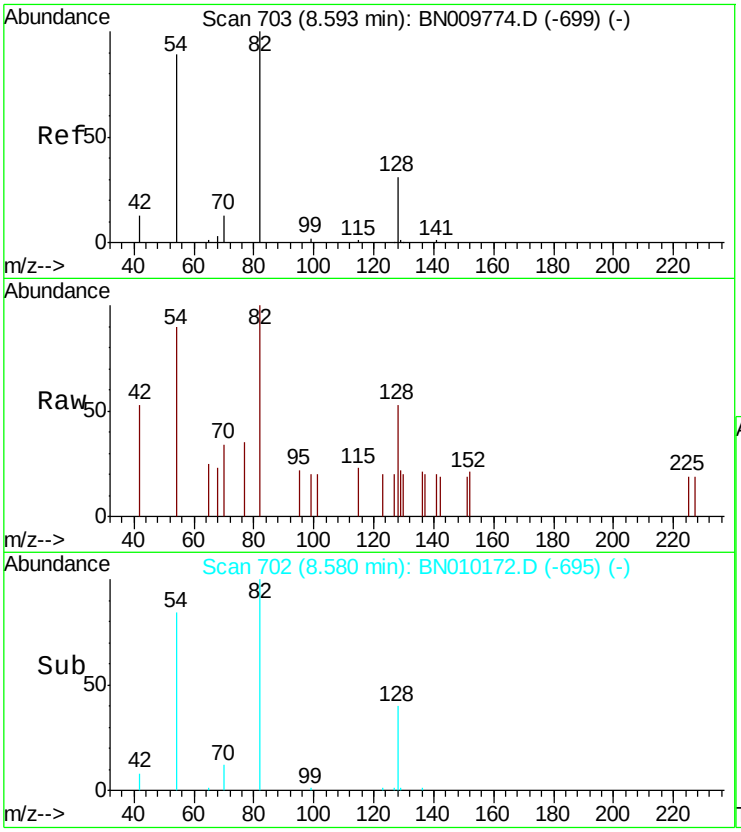


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 824
Delta R.T. -0.05 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:136 Resp: 2437

Ion	Ratio	Lower	Upper
136	100		
137	15.5	11.3	16.9
54	19.9	13.4	20.2
68	11.0	7.0	10.4#



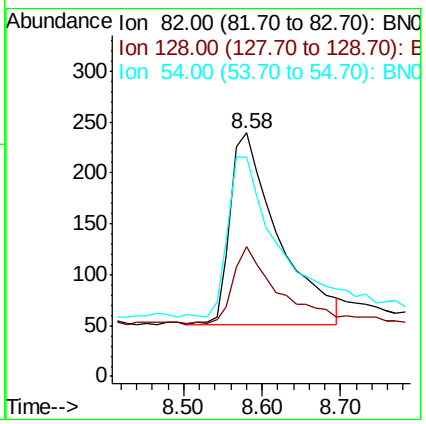


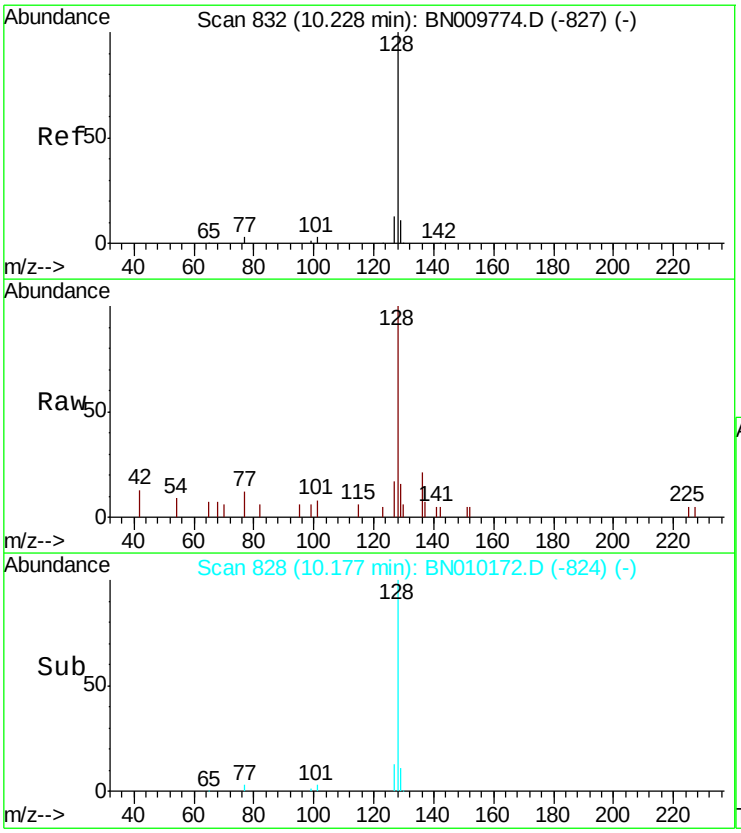
#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.58 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 82 Resp: 808

Ion	Ratio	Lower	Upper
82	100		
128	53.1	32.5	48.7#
54	90.0	73.5	110.3

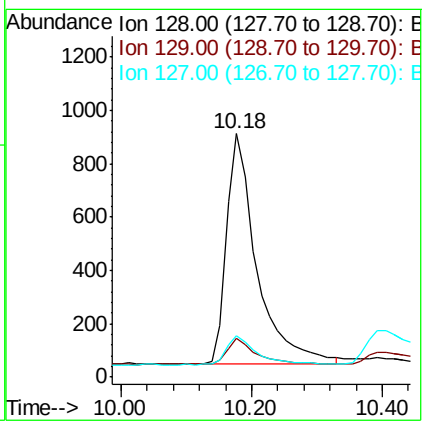


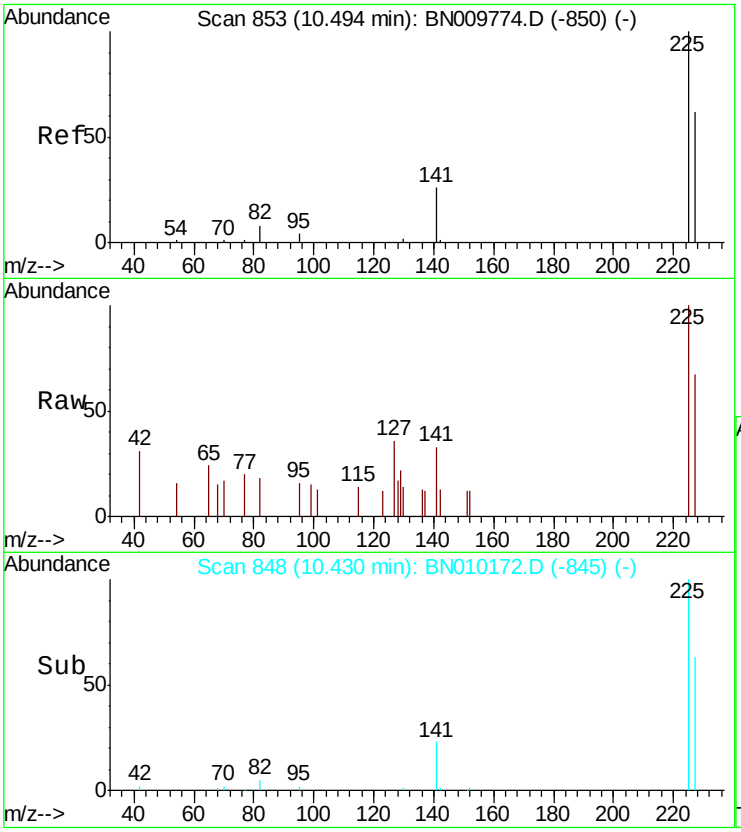


#9
Naphthalene
Concen: 0.414 ng
RT: 10.18 min Scan# 828
Delta R.T. -0.05 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:128 Resp: 2754

Ion	Ratio	Lower	Upper
128	100		
129	16.1	11.1	16.7
127	17.1	12.6	19.0



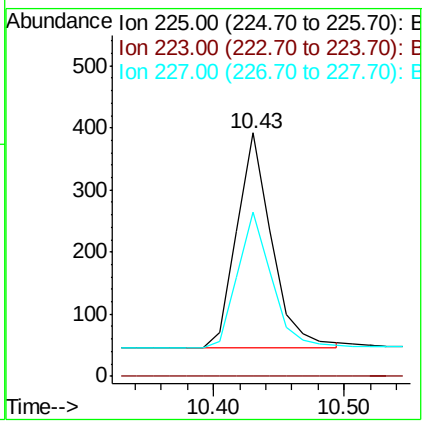


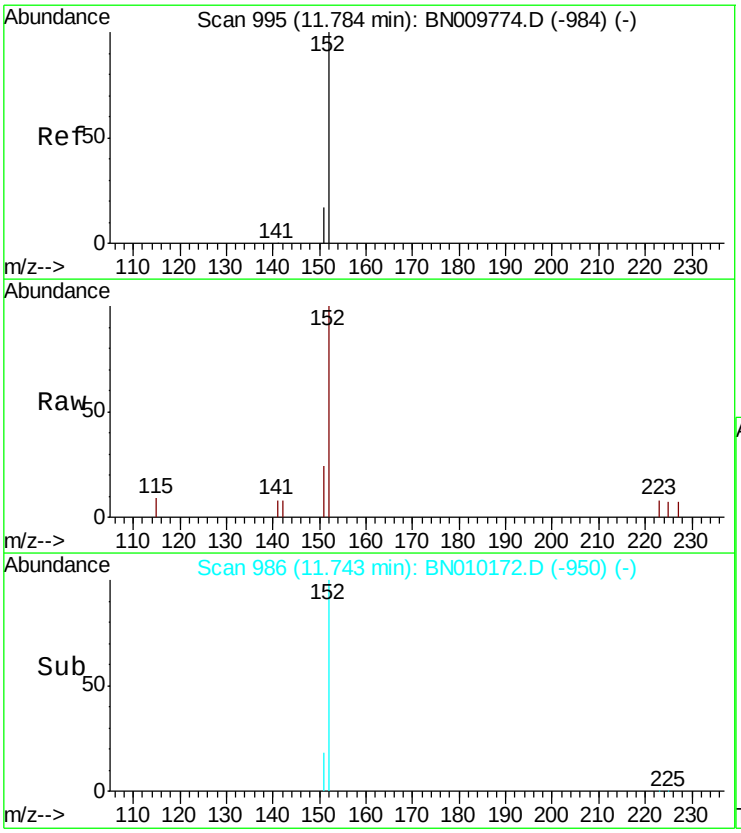
#10
Hexachlorobutadiene
Concen: 0.443 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.06 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:225 Resp: 648

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	61.9	53.4	80.2

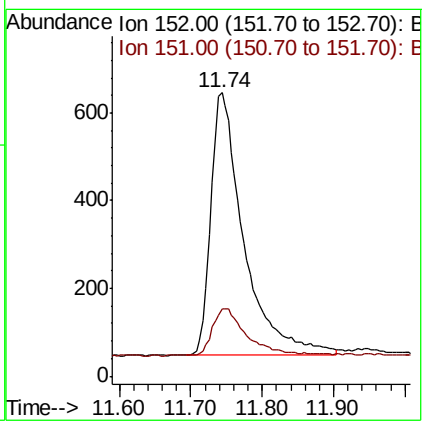


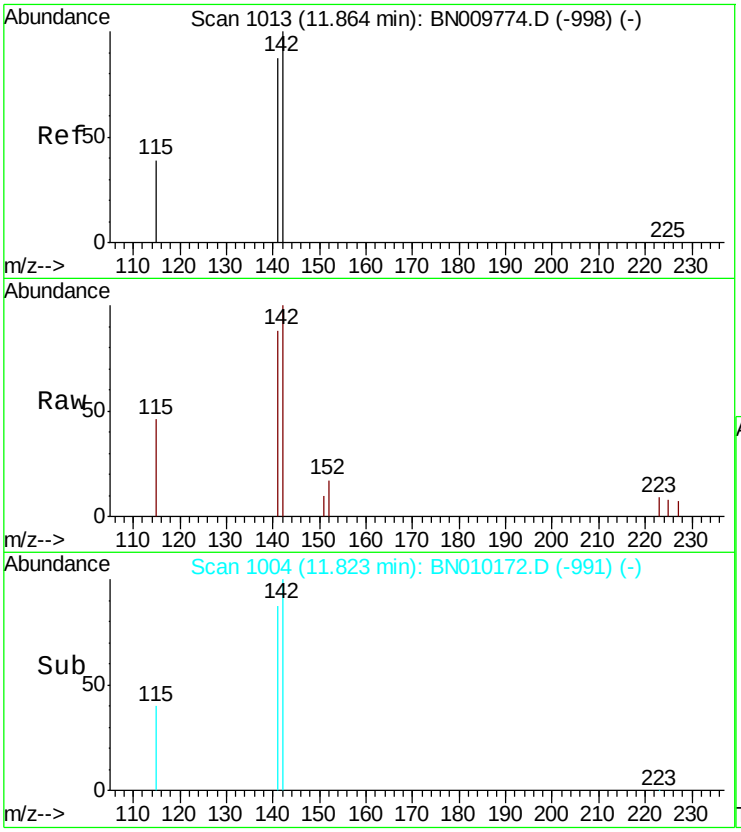


#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 11.74 min Scan# 986
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:152 Resp: 1939

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.1	22.7



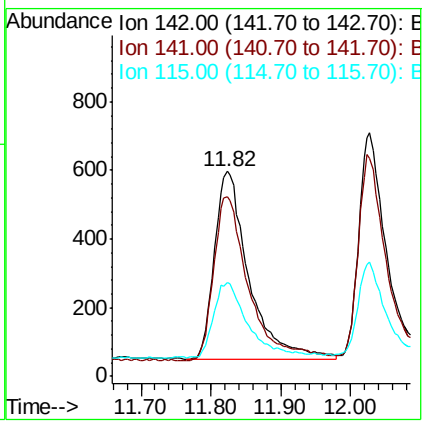


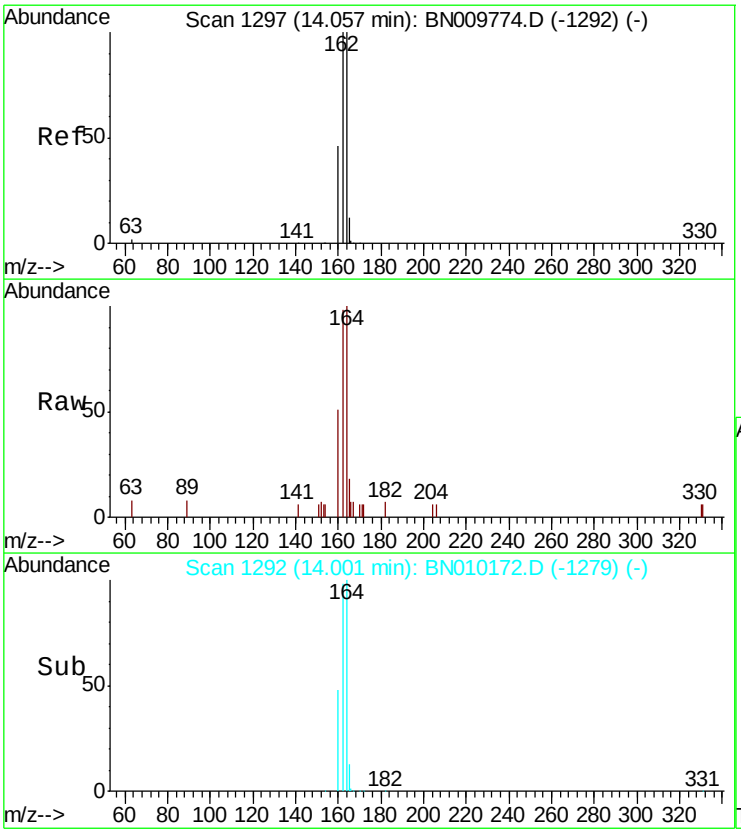
#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:142 Resp: 1861

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.8	104.6
115	45.7	34.6	52.0

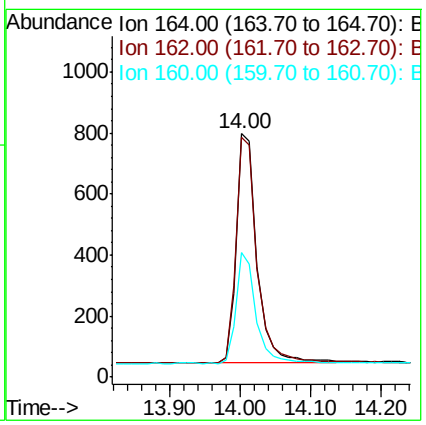


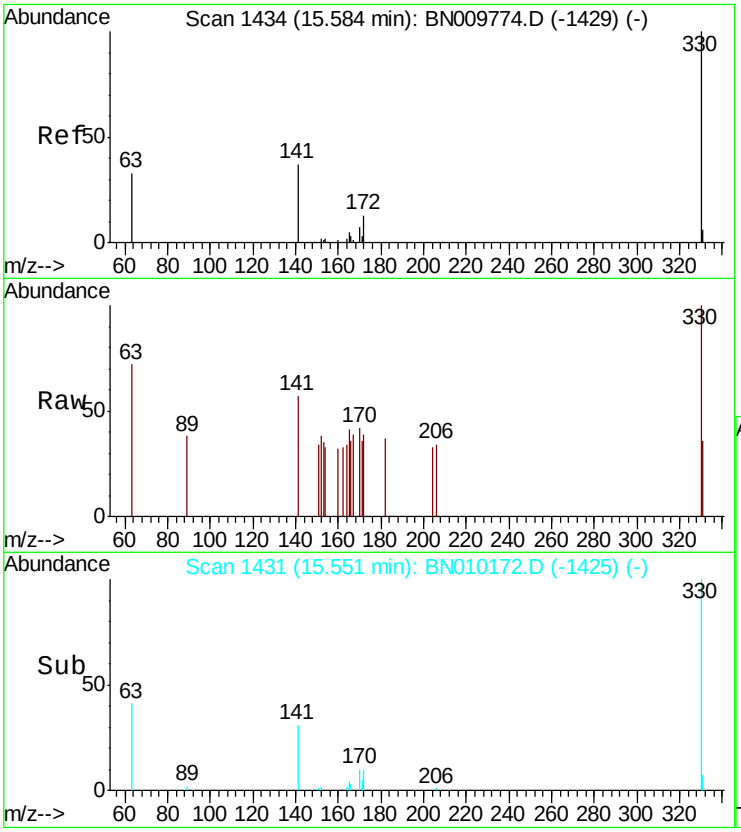


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:164 Resp: 1545

Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.9	119.9
160	51.0	38.2	57.2



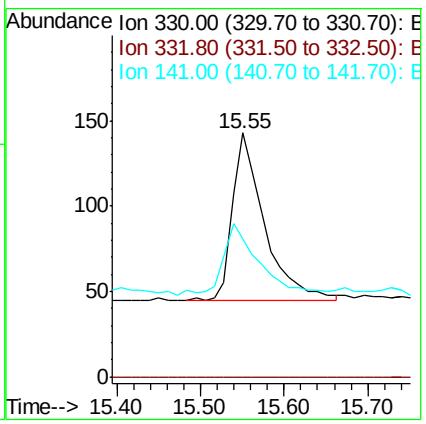


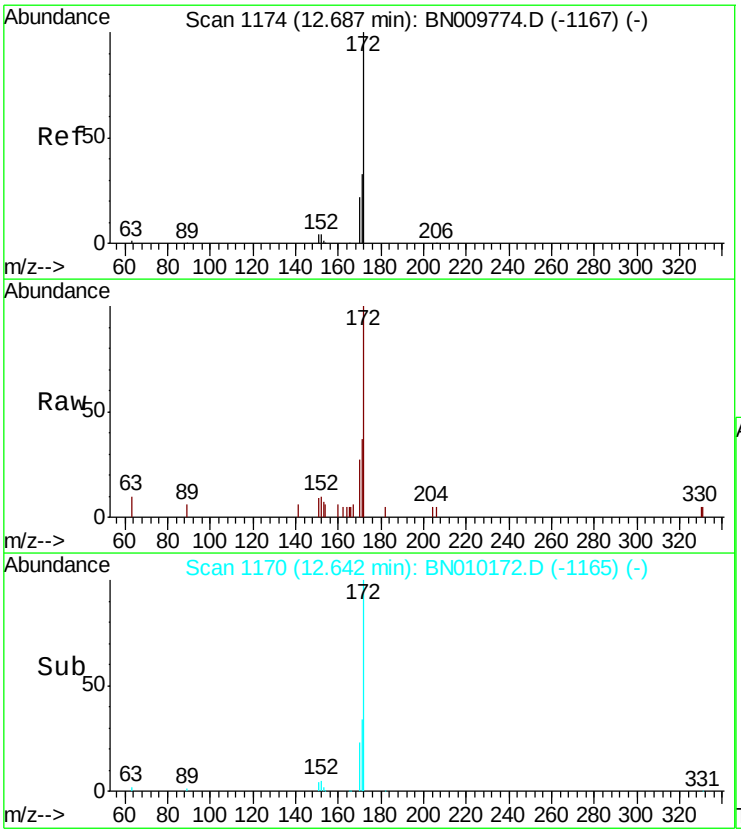
#14
2,4,6-Tribromophenol
Concen: 0.432 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:330 Resp: 257

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	48.2	36.8	55.2

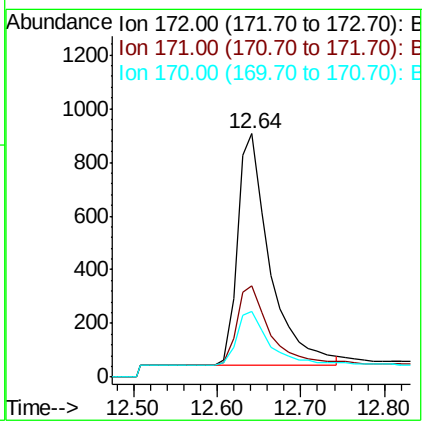


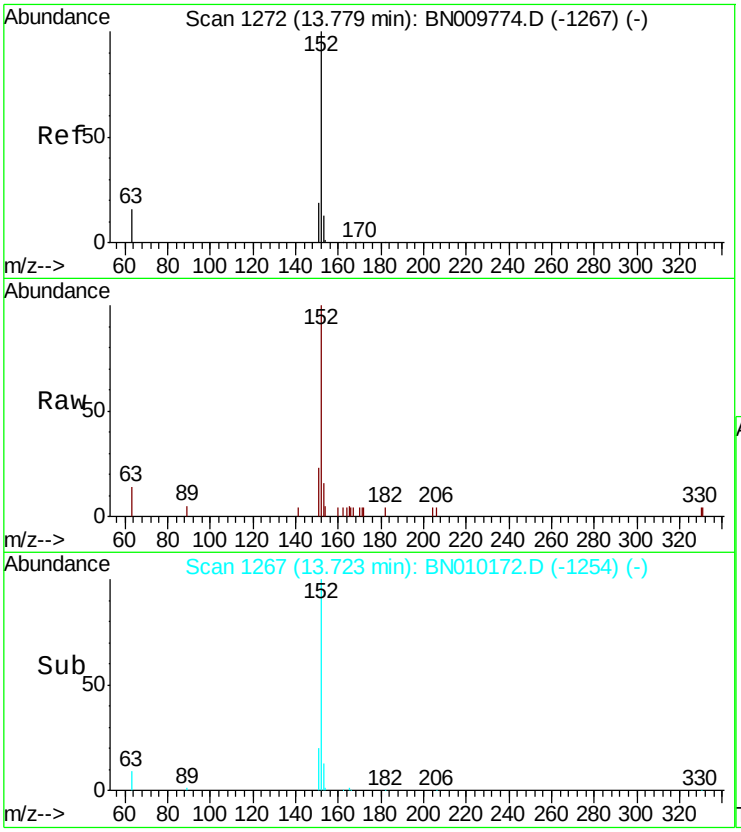


#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:172 Resp: 2307

Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.7	43.1
170	26.9	20.1	30.1



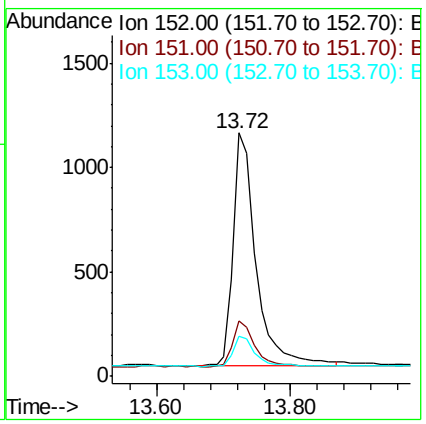


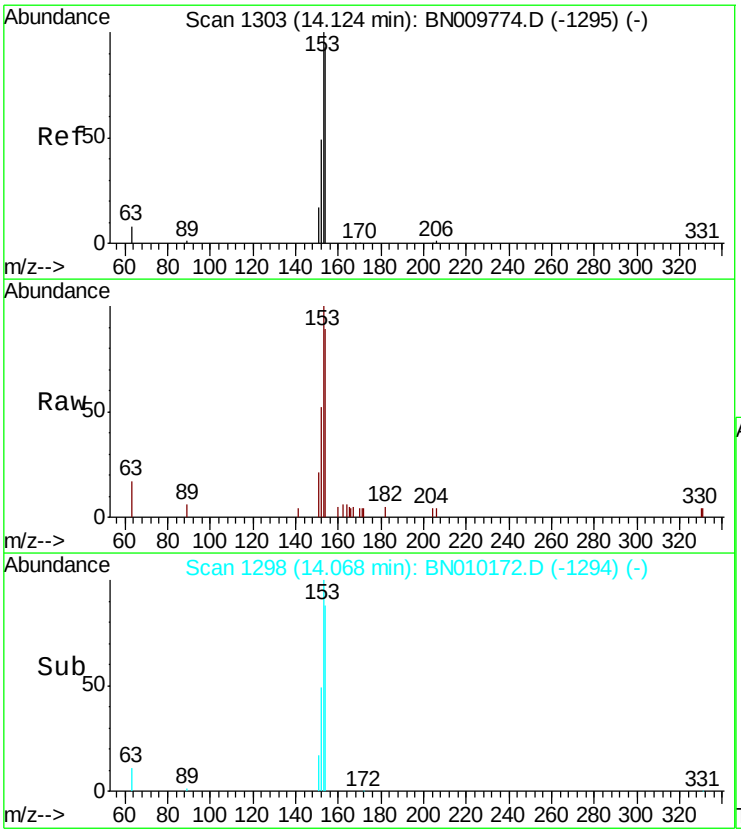
#16
Acenaphthylene
Concen: 0.397 ng
RT: 13.72 min Scan# 1267
Delta R.T. -0.06 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2617

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.6
153	12.9	10.2	15.4

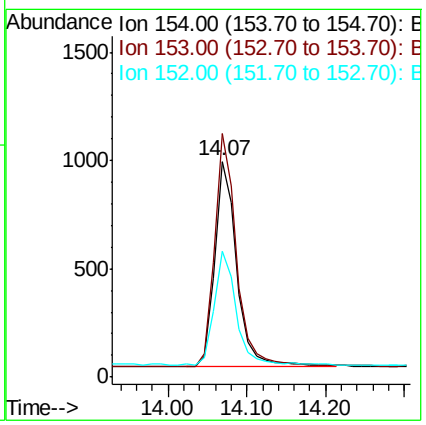


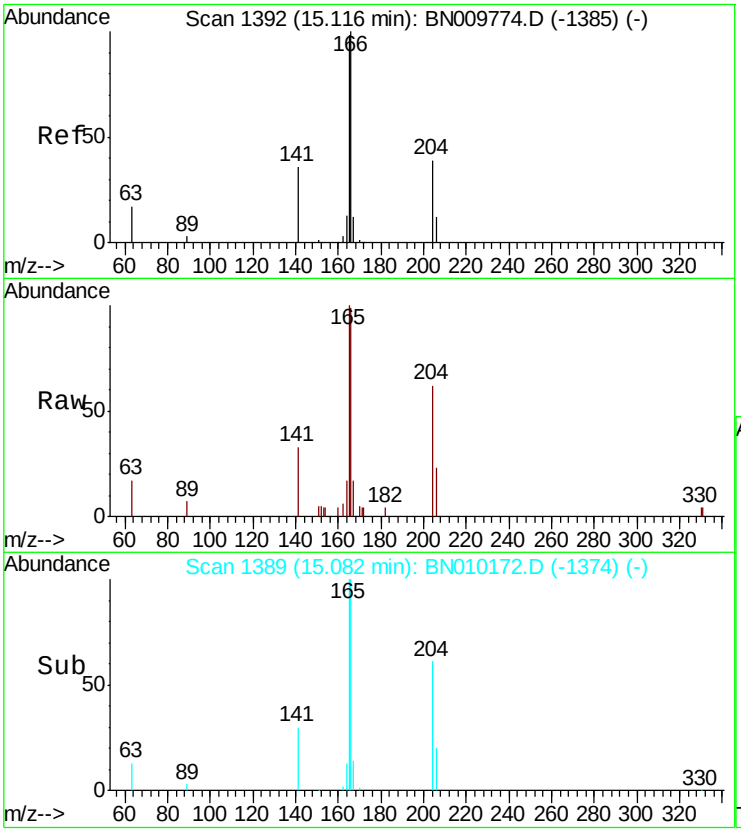


#17
Acenaphthene
Concen: 0.404 ng
RT: 14.07 min Scan# 1298
Delta R.T. -0.06 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:154 Resp: 1869

Ion	Ratio	Lower	Upper
154	100		
153	112.2	88.9	133.3
152	54.3	44.2	66.2



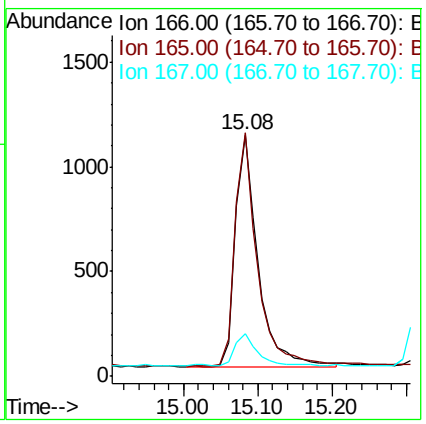


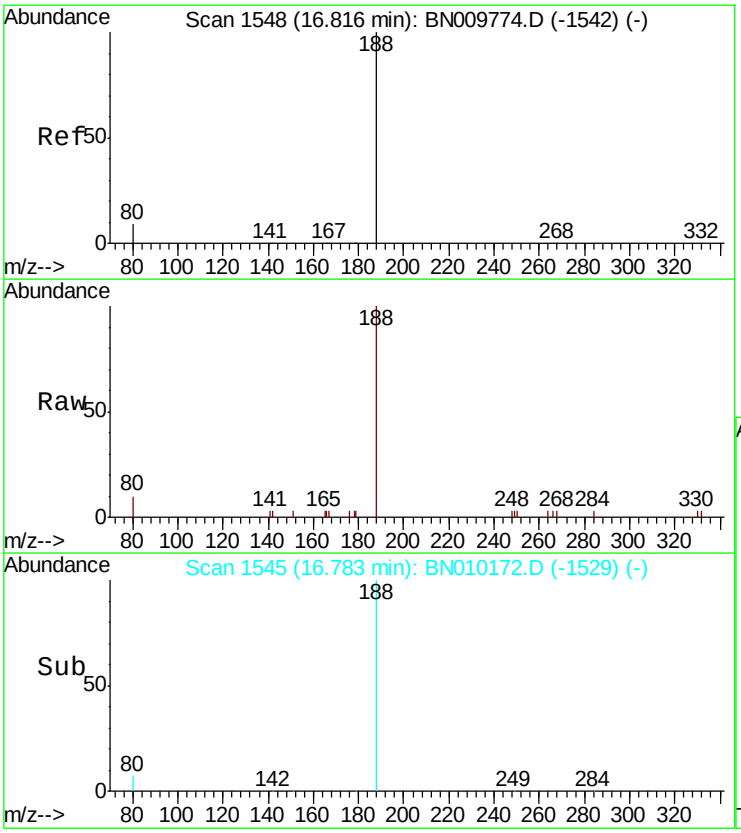
#18
Fluorene
Concen: 0.383 ng
RT: 15.08 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:166 Resp: 2341

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.2	115.8
167	14.2	10.5	15.7

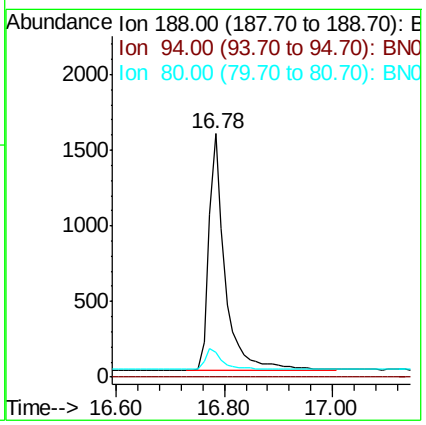


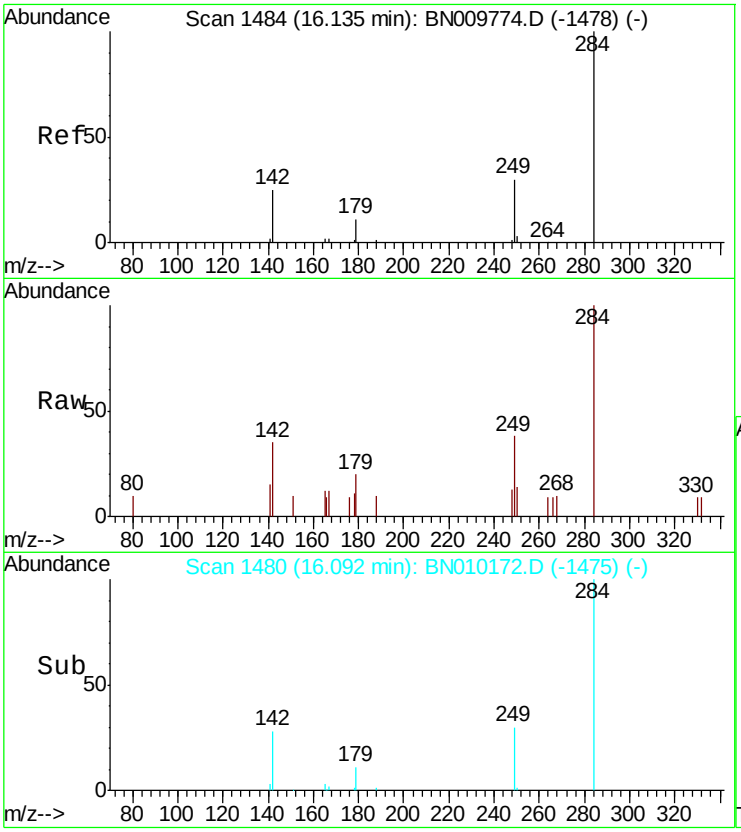


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:188 Resp: 3268

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	8.3	12.5



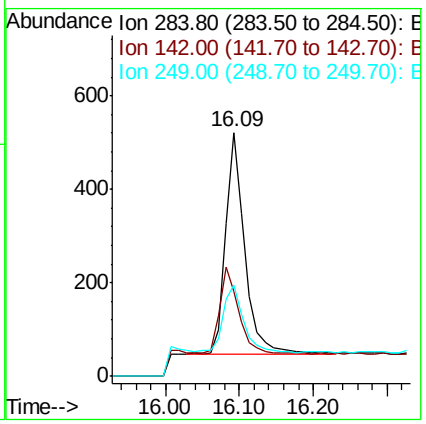


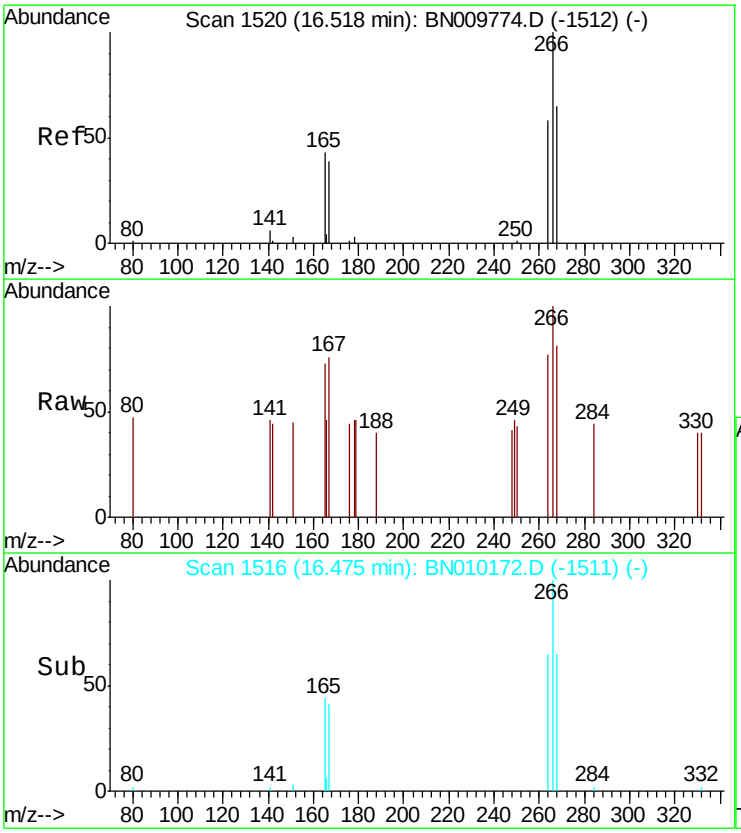
#21
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.09 min Scan# 1480
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 859

Ion	Ratio	Lower	Upper
284	100		
142	39.2	33.3	49.9
249	32.7	25.7	38.5

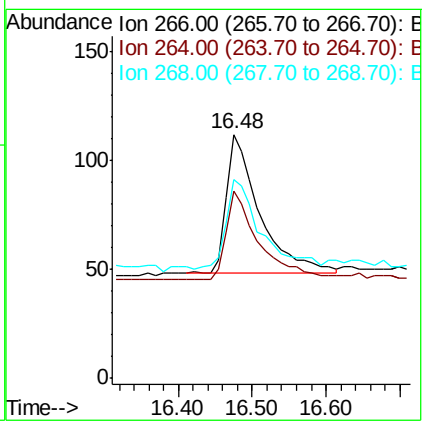


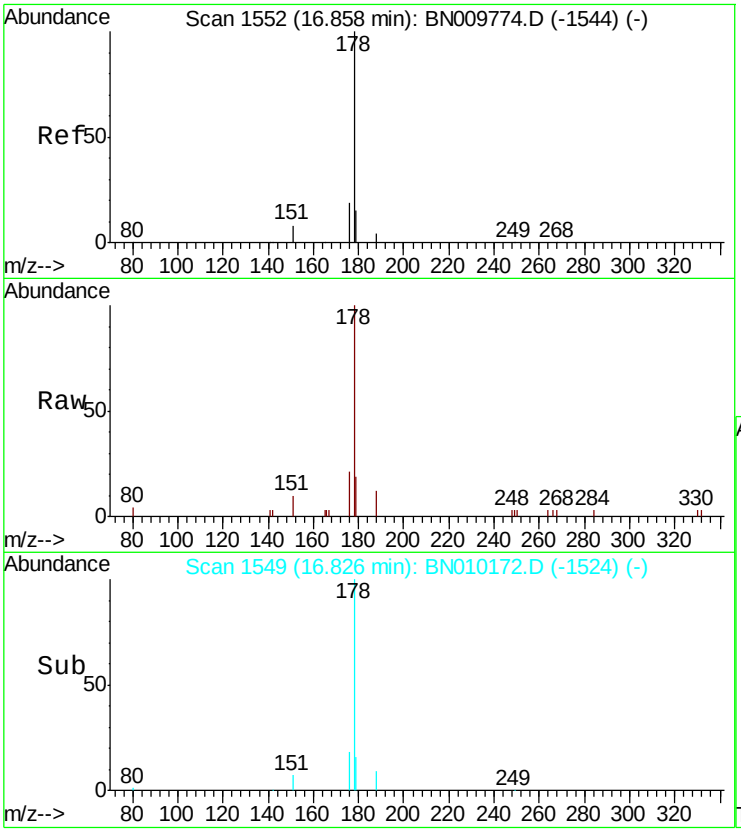


#22
Pentachlorophenol
Concen: 0.475 ng
RT: 16.48 min Scan# 1516
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:266 Resp: 202

Ion	Ratio	Lower	Upper
266	100		
264	76.8	58.1	87.1
268	81.3	65.7	98.5



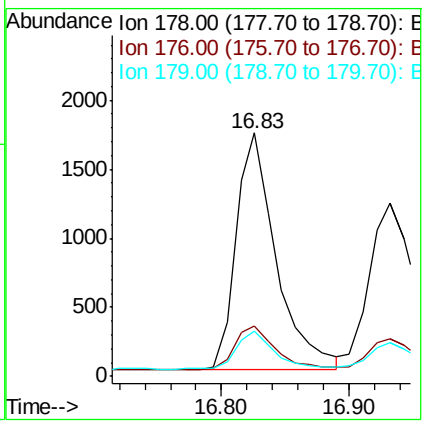


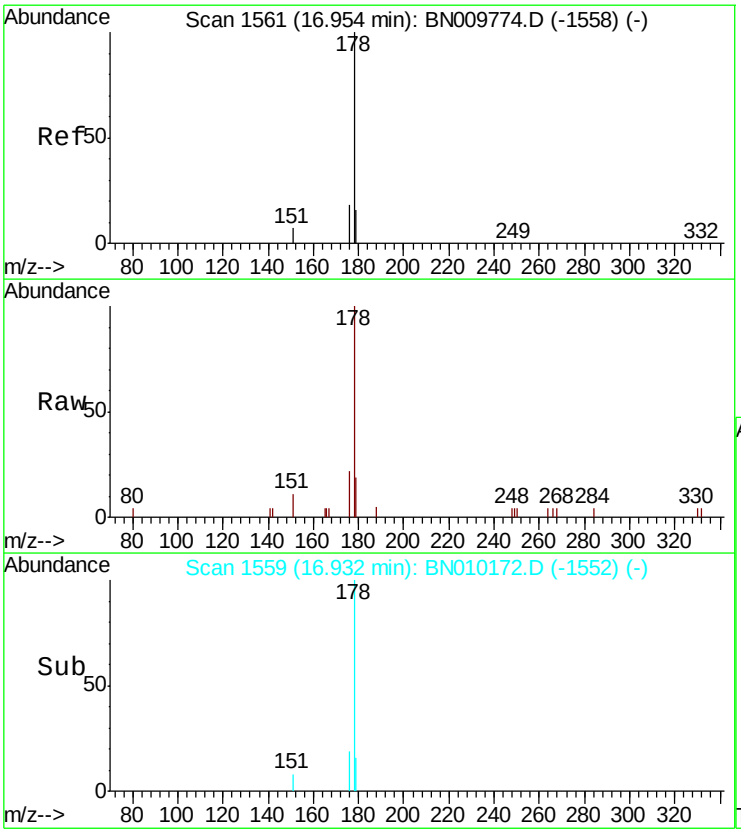
#23
Phenanthrene
Concen: 0.385 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.03 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 3740

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.3	12.4	18.6

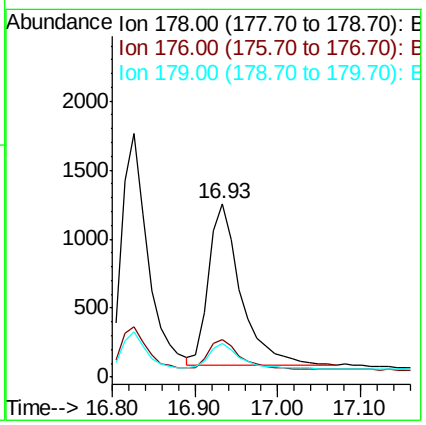


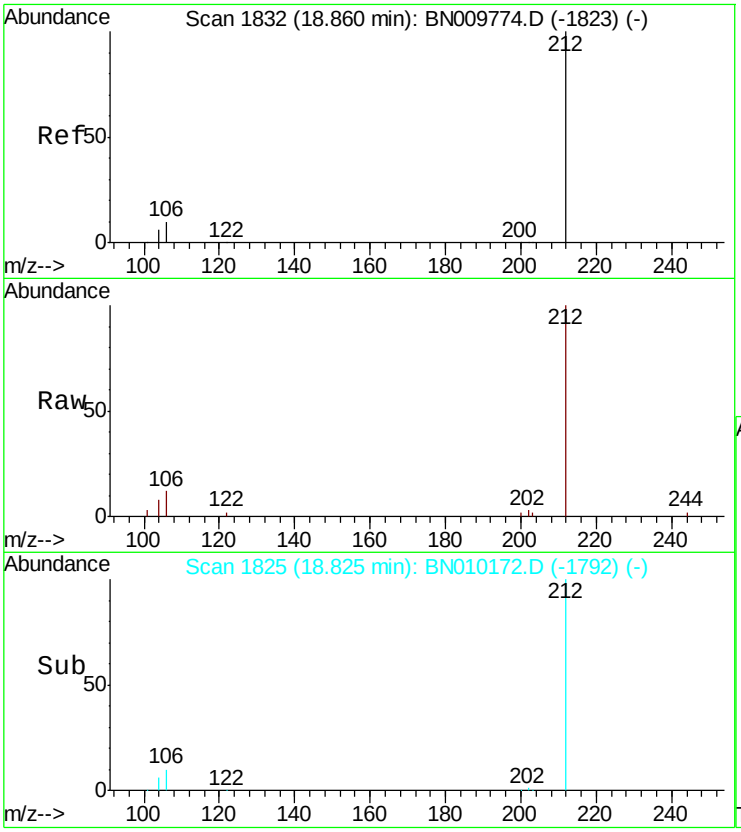


#24
Anthracene
Concen: 0.388 ng
RT: 16.93 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:178 Resp: 3191

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.3	21.5
179	16.1	12.4	18.6



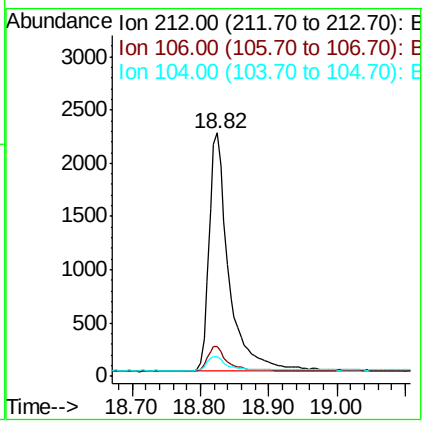


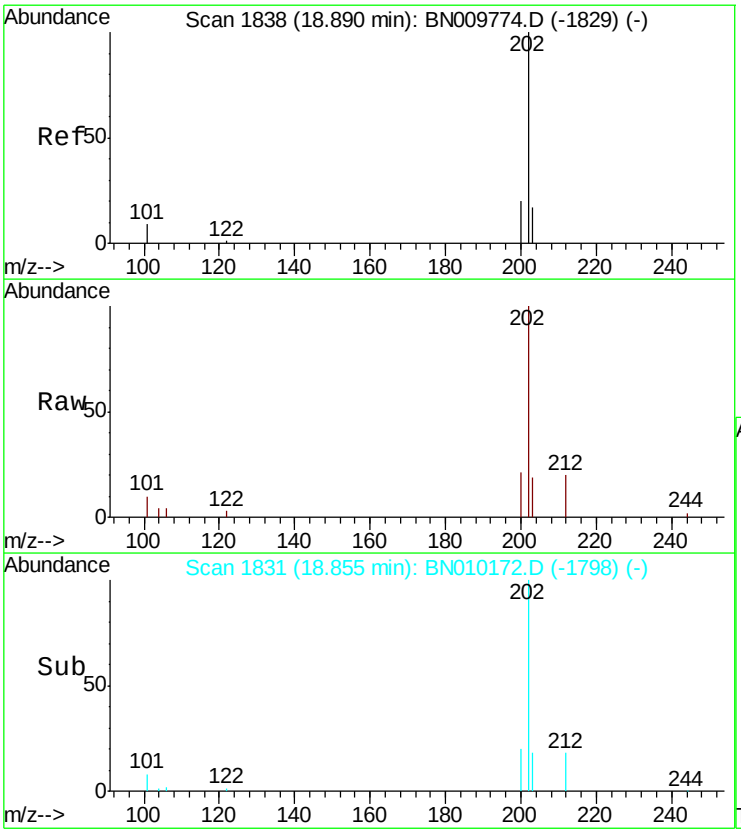
#25
Fluoranthene-d10
Concen: 0.404 ng
RT: 18.82 min Scan# 1825
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 4564

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.4	12.6
104	6.2	4.8	7.2

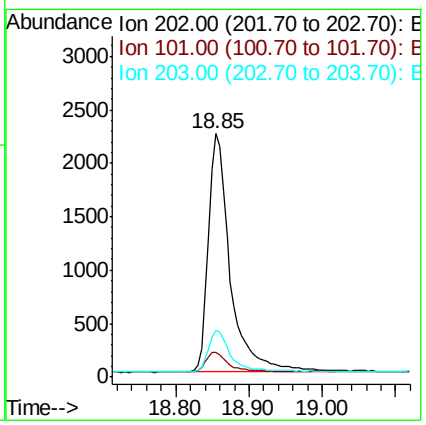


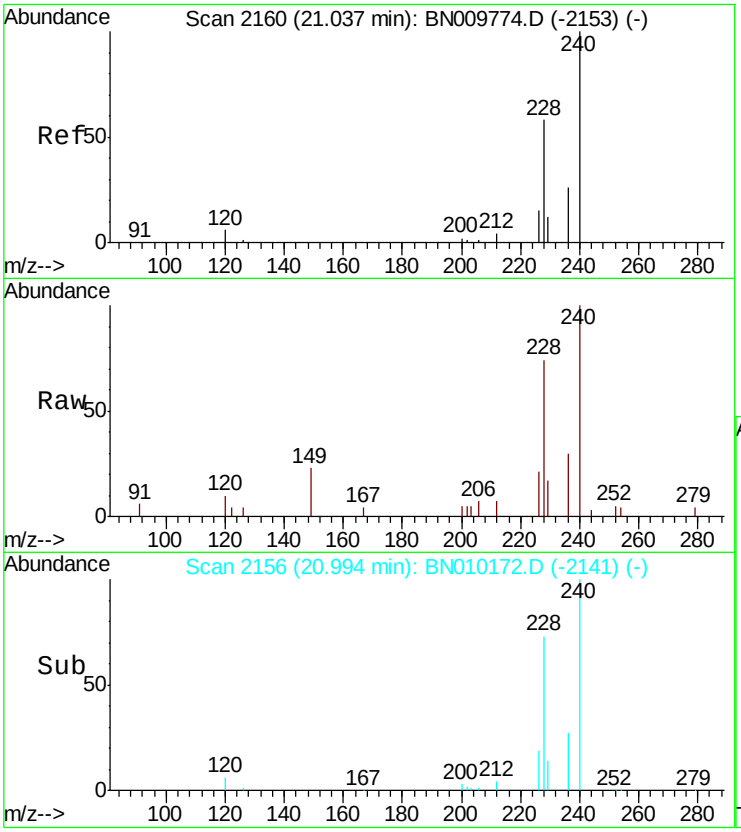


#26
Fluoranthene
Concen: 0.396 ng
RT: 18.85 min Scan# 1831
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:202 Resp: 4609

Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.1	10.7
203	16.7	13.8	20.6



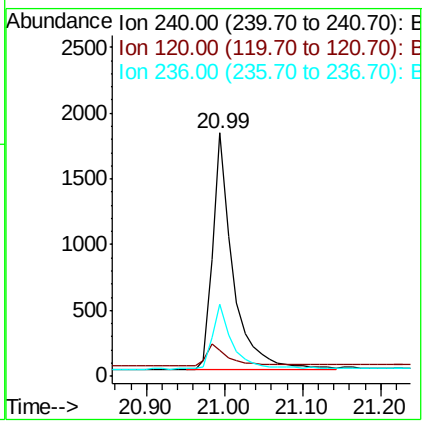


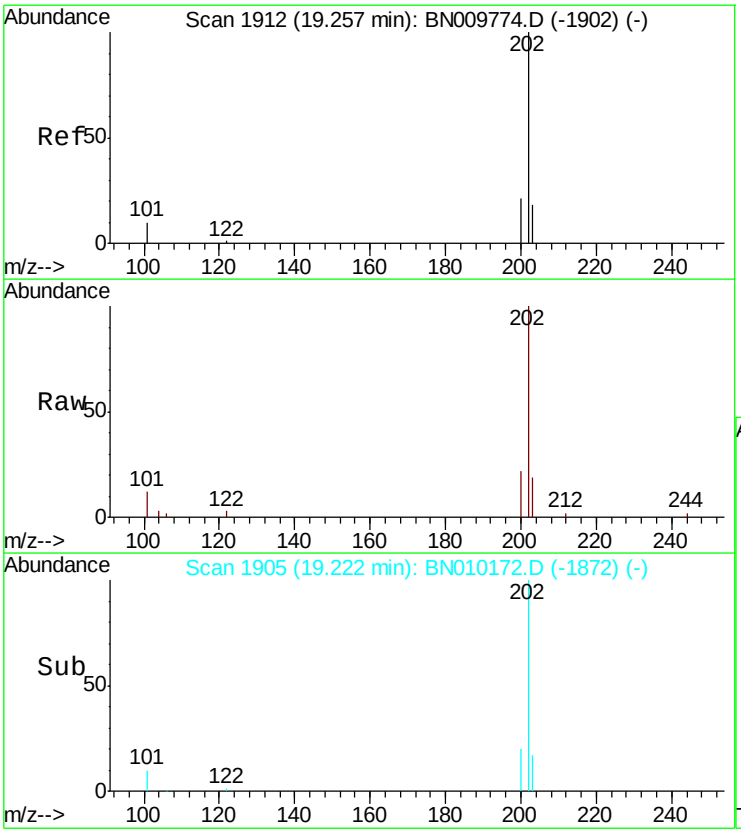
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 3278

Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.9	11.9
236	29.7	22.0	33.0

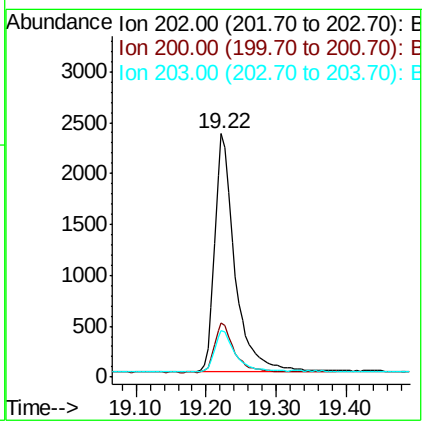


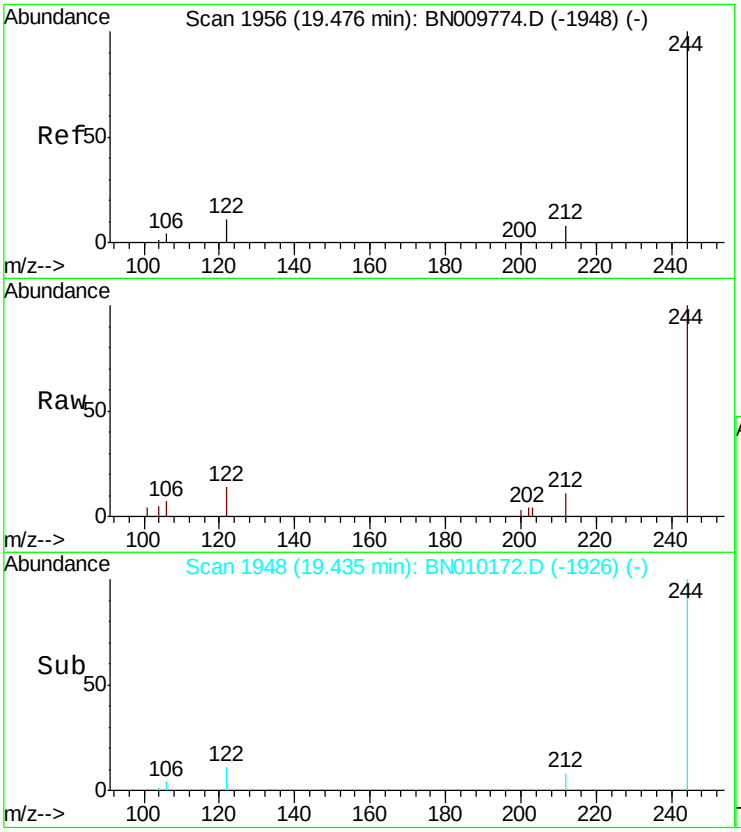


#28
Pyrene
Concen: 0.377 ng
RT: 19.22 min Scan# 1905
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:202 Resp: 4692

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.4	24.6
203	17.5	13.9	20.9



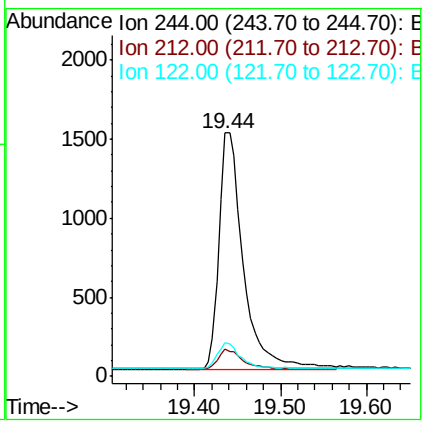


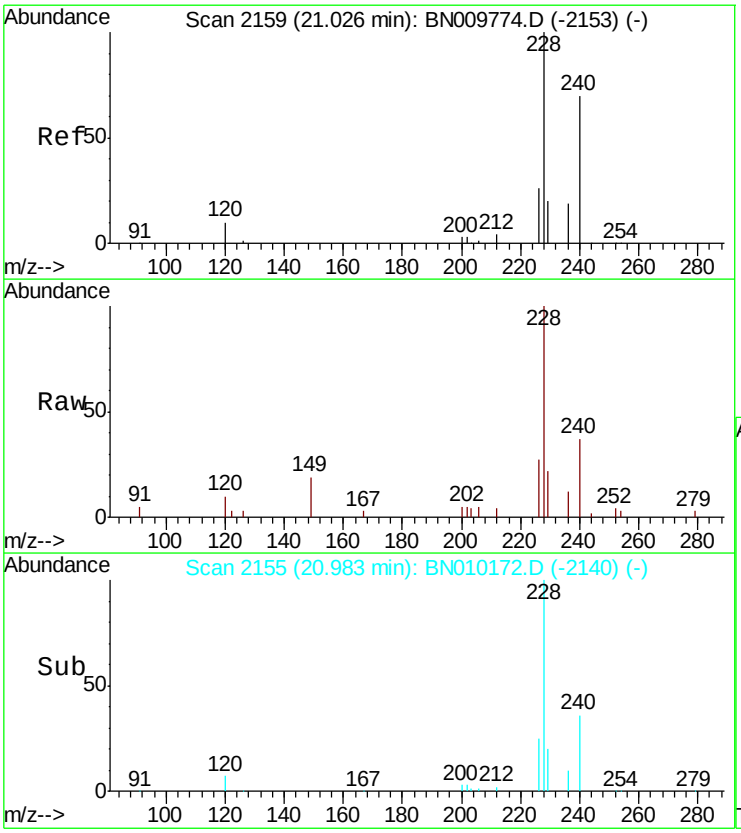
#29
Terphenyl-d14
Concen: 0.378 ng
RT: 19.44 min Scan# 1948
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 2958

Ion	Ratio	Lower	Upper
244	100		
212	11.1	8.0	12.0
122	13.6	10.0	15.0

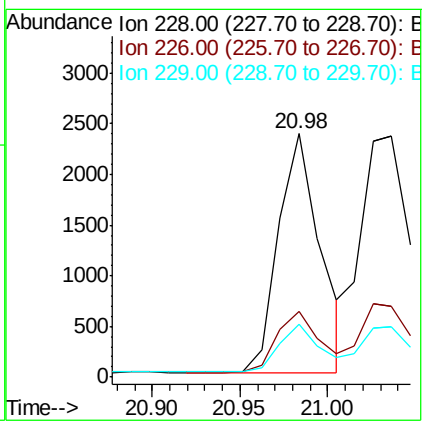


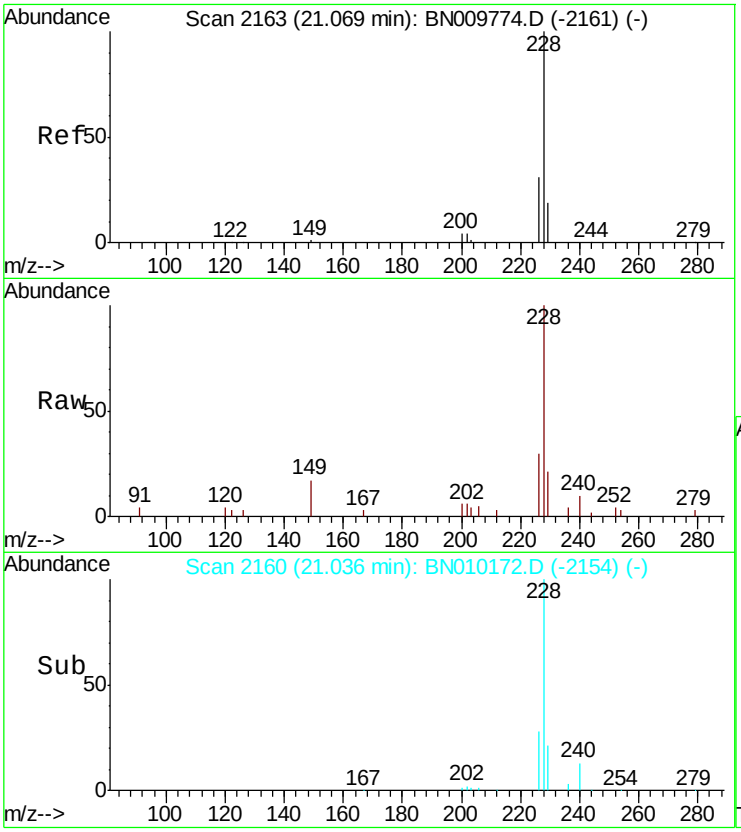


#30
Benzo(a)anthracene
Concen: 0.360 ng
RT: 20.98 min Scan# 2155
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:228 Resp: 3921

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.8
229	21.5	17.1	25.7



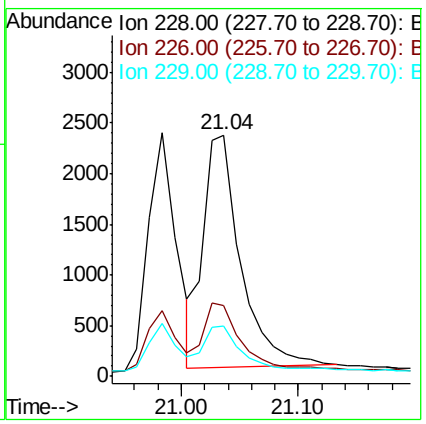


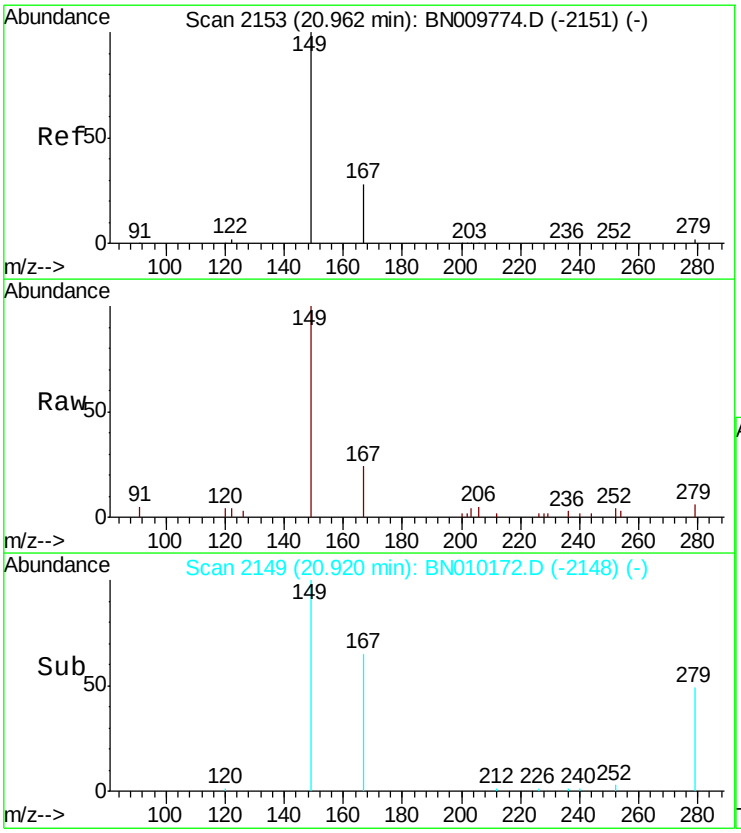
#31
Chrysene
Concen: 0.407 ng
RT: 21.04 min Scan# 2160
Delta R.T. -0.03 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 5123

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.8	37.2
229	21.1	16.4	24.6

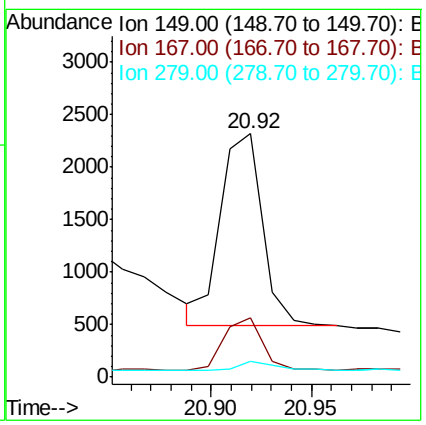


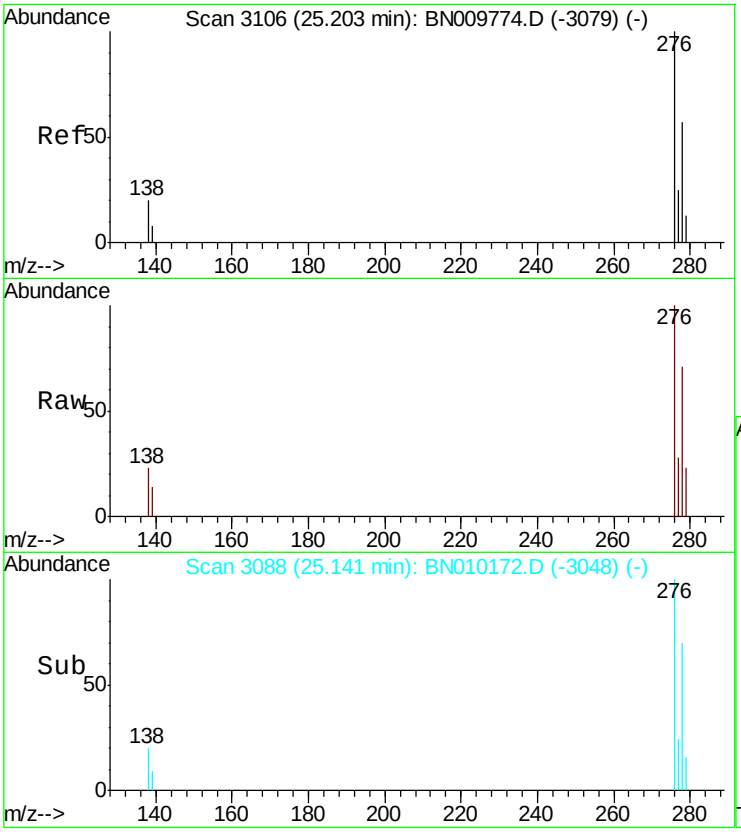


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.500 ng
RT: 20.92 min Scan# 2149
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:149 Resp: 2652

Ion	Ratio	Lower	Upper
149	100		
167	24.8	22.7	34.1
279	3.4	3.1	4.7



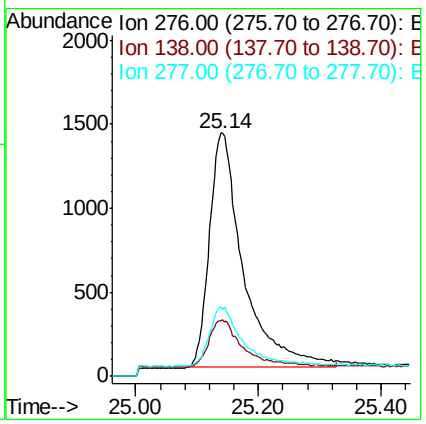


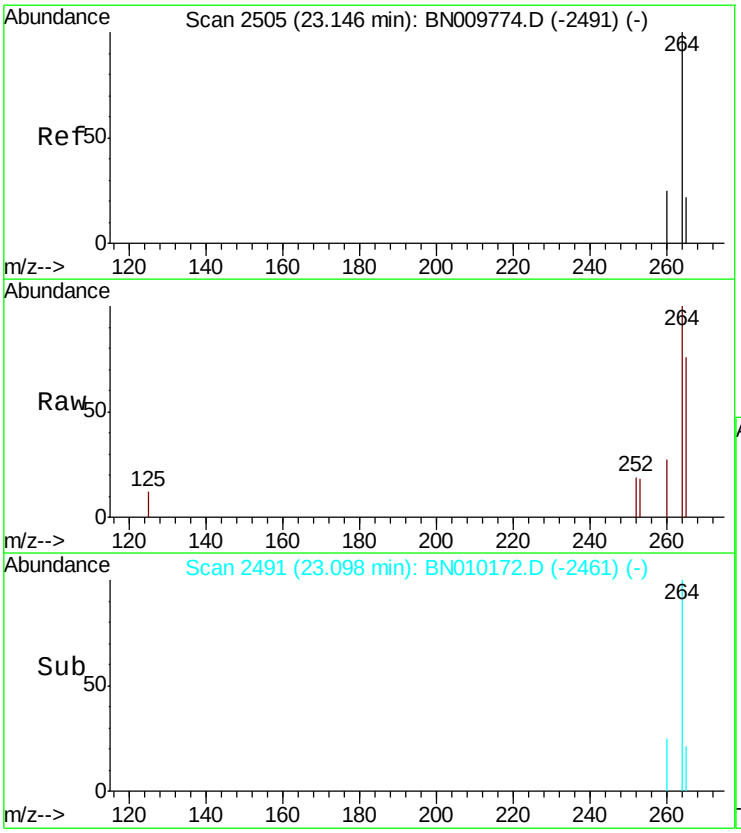
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng
RT: 25.14 min Scan# 3088
Delta R.T. -0.06 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 5373

Ion	Ratio	Lower	Upper
276	100		
138	17.9	15.8	23.6
277	22.8	19.3	28.9

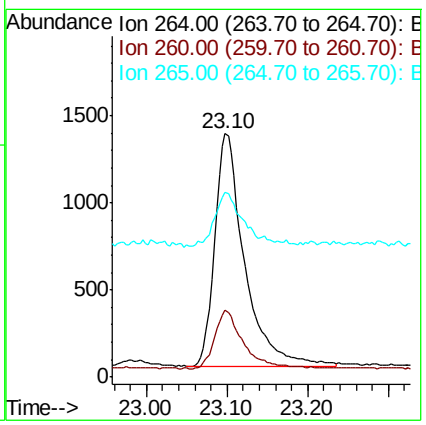


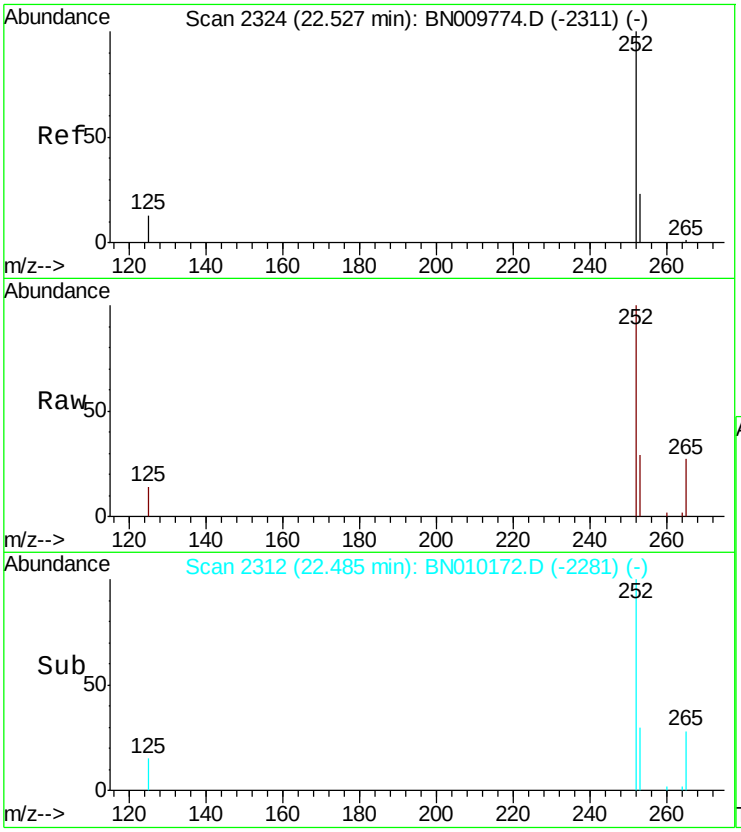


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2491
Delta R.T. -0.05 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:264 Resp: 3424

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.1	31.7
265	75.7	57.5	86.3



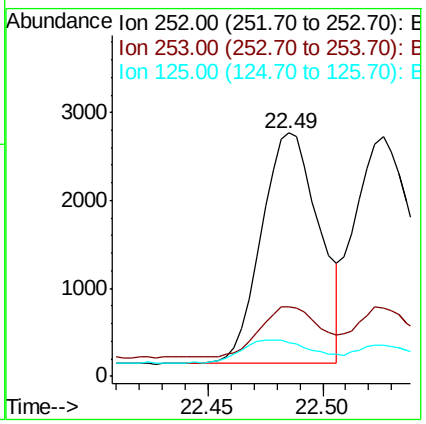


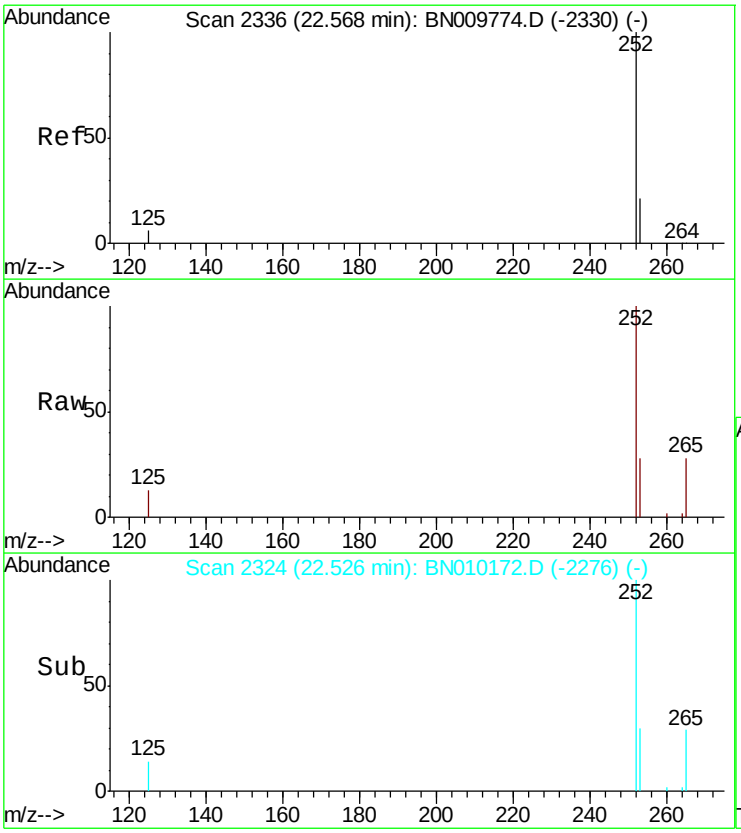
#35
Benzo(b)fluoranthene
Concen: 0.367 ng
RT: 22.49 min Scan# 2312
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 4595

Ion	Ratio	Lower	Upper
252	100		
253	28.6	23.0	34.6
125	13.9	14.4	21.6#

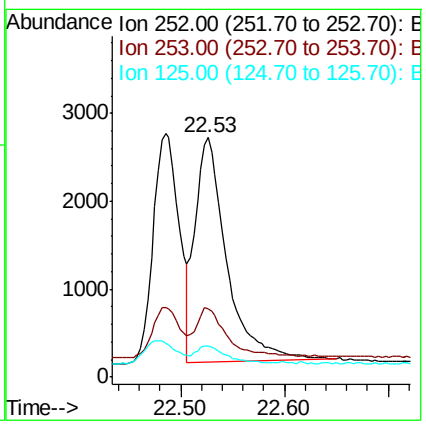


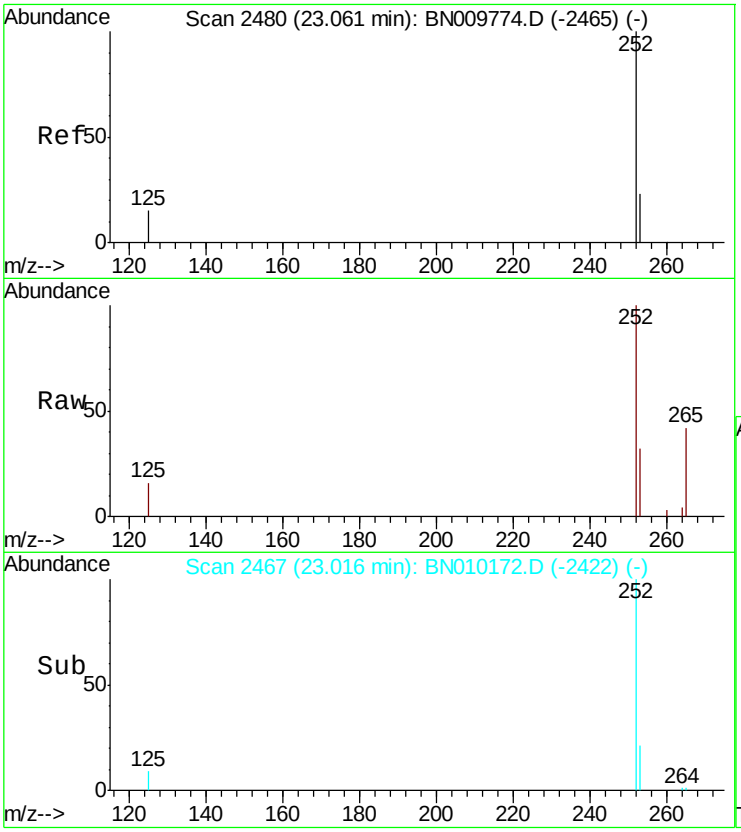


#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 22.53 min Scan# 2324
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:252 Resp: 5423

Ion	Ratio	Lower	Upper
252	100		
253	28.4	22.2	33.2
125	13.1	10.5	15.7



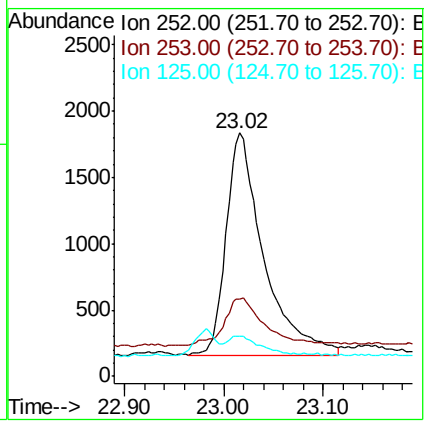


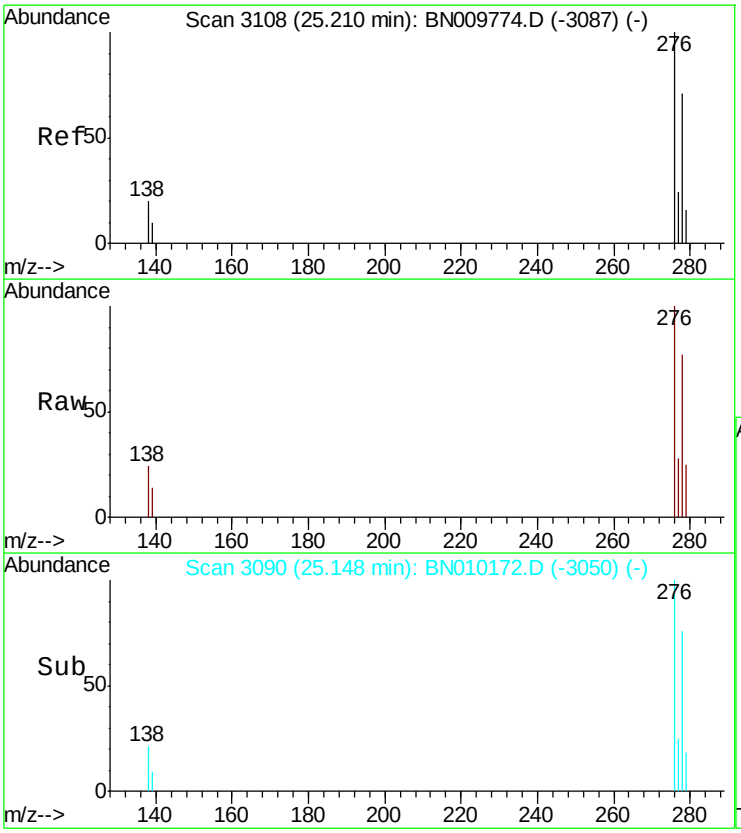
#37
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.02 min Scan# 2467
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 4429

Ion	Ratio	Lower	Upper
252	100		
253	31.8	25.3	37.9
125	16.2	17.7	26.5#

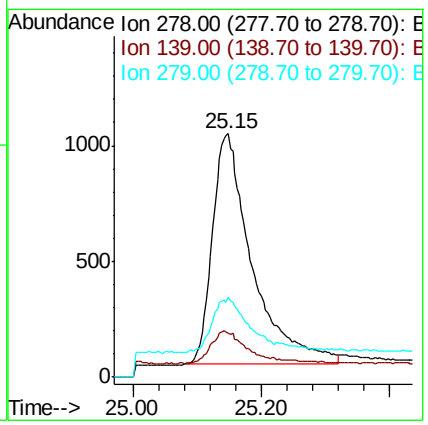


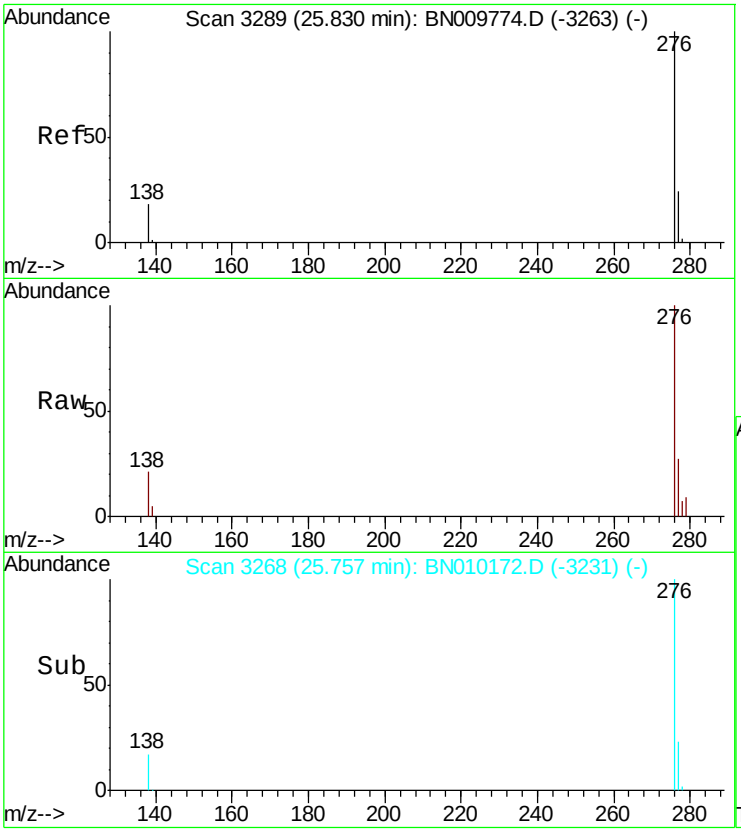


#38
Dibenzo(a,h)anthracene
Concen: 0.380 ng
RT: 25.15 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:278 Resp: 4268

Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.5	21.7
279	32.7	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 0.399 ng
RT: 25.76 min Scan# 3268
Delta R.T. -0.07 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 4780

Ion	Ratio	Lower	Upper
276	100		
277	27.0	21.4	32.0
138	21.1	16.6	24.8