Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010204.D
Acq On : 11 Mar 2020 22:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 12 07:16:28 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 Mar 11 17:37:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	597	0.40	ng		0.02
7) Naphthalene-d8	10.14	136	2498	0.40	ng		0.03
13) Acenaphthene-d10	14.01	164	1268	0.40	ng		0.01
19) Phenanthrene-d10	16.79	188	2838	0.40	ng		0.02
27) Chrysene-d12	21.00	240	2599	0.40	ng		0.01
34) Perylene-d12	23.10	264	2898	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	492	0.37	ng		0.03
5) Phenol-d6	6.67	99	742	0.46	ng		0.06
8) Nitrobenzene-d5	8.62	82	714	0.34	ng		0.06
11) 2-Methylnaphthalene-d10	11.76	152	1552	0.32	ng		0.03
14) 2,4,6-Tribromophenol	15.56	330	215	0.44	ng		0.02
15) 2-Fluorobiphenyl	12.65	172	1943	0.41	ng		0.02
25) Fluoranthene-d10	18.83	212	3875	0.39	ng		0.01
29) Terphenyl-d14	19.45	244	2687	0.43	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	290	0.474	ng		90
3) n-Nitrosodimethylamine	3.43	42	422	0.420	ng	#	67
6) bis(2-Chloroethyl)ether	6.88	93	462	0.294	ng	#	72
9) Naphthalene	10.19	128	2674	0.392	ng		95
10) Hexachlorobutadiene	10.43	225	623	0.416	ng	#	95
12) 2-Methylnaphthalene	11.84	142	1444	0.309	ng		96
16) Acenaphthylene	13.73	152	2107	0.390	ng		98
17) Acenaphthene	14.08	154	1539	0.405	ng		100
18) Fluorene	15.09	166	1999	0.399	ng		98
20) 4-Bromophenyl-phenylether	16.01	248	452	0.170	ng		92
21) Hexachlorobenzene	16.09	284	734	0.415	ng		97
22) Pentachlorophenol	16.49	266	159	0.447	ng		93
23) Phenanthrene	16.83	178	3101	0.367	ng		99
24) Anthracene	16.94	178	2626	0.368	ng		99
26) Fluoranthene	18.86	202	3959	0.391	ng		99
28) Pyrene	19.23	202	4029	0.408	ng		99
30) Benzo(a)anthracene	20.99	228	2875	0.333	ng		99
31) Chrysene	21.04	228	4435	0.444	ng		99
32) Bis(2-ethylhexyl)phthalate	20.92	149	1633	0.388	ng		99
33) Indeno(1,2,3-cd)pyrene	25.15	276	4509	0.434	ng		97
35) Benzo(b)fluoranthene	22.49	252	3775	0.356	ng	#	95
36) Benzo(k)fluoranthene	22.53	252	4684	0.406	ng		98
37) Benzo(a)pyrene	23.02	252	3897	0.403	ng	#	92
38) Dibenzo(a,h)anthracene	25.16	278	3508	0.369	ng		95
39) Benzo(g,h,i)perylene	25.77	276	4298	0.424	ng		99

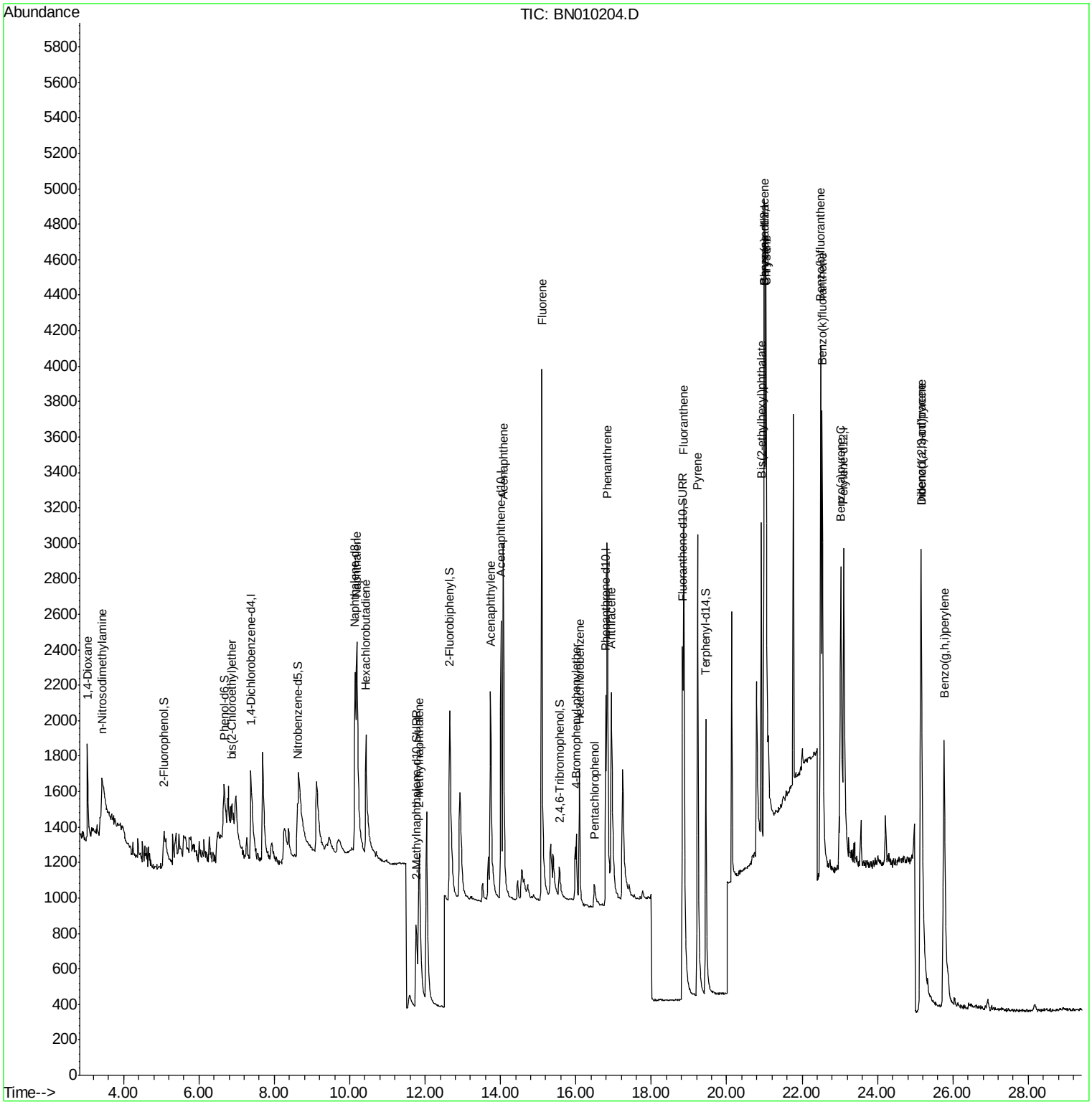
(#) = qualifier out of range (m) = manual integration (+) = signals summed

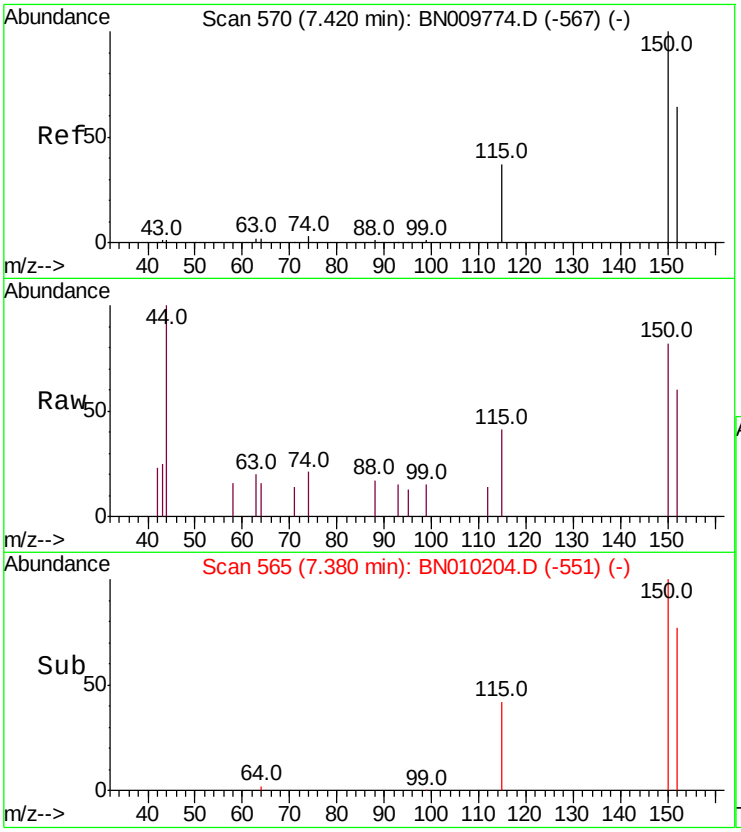
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010204.D
Acq On : 11 Mar 2020 22:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 12 07:16:28 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 Mar 11 17:37:44 2020
Response via : Initial Calibration



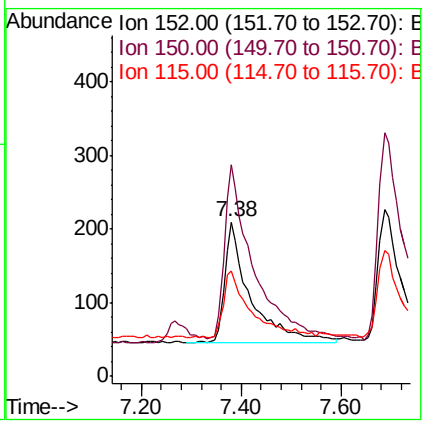


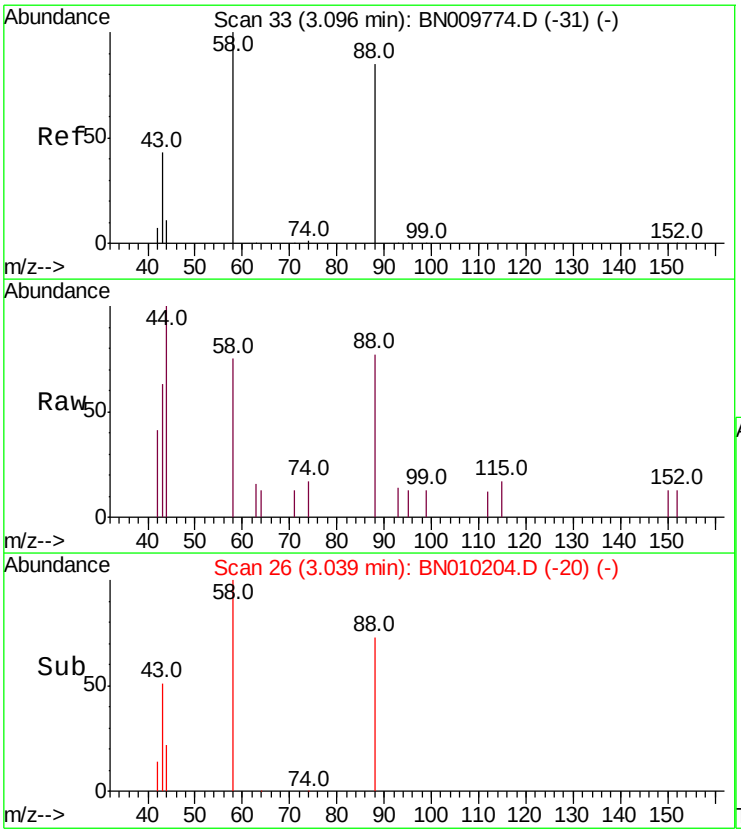
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. 0.02 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 597

Ion	Ratio	Lower	Upper
152	100		
150	136.7	120.6	181.0
115	68.1	51.2	76.8

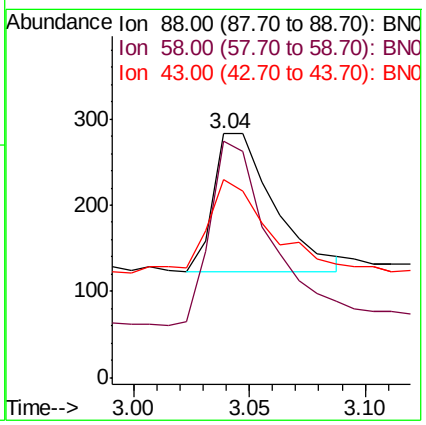


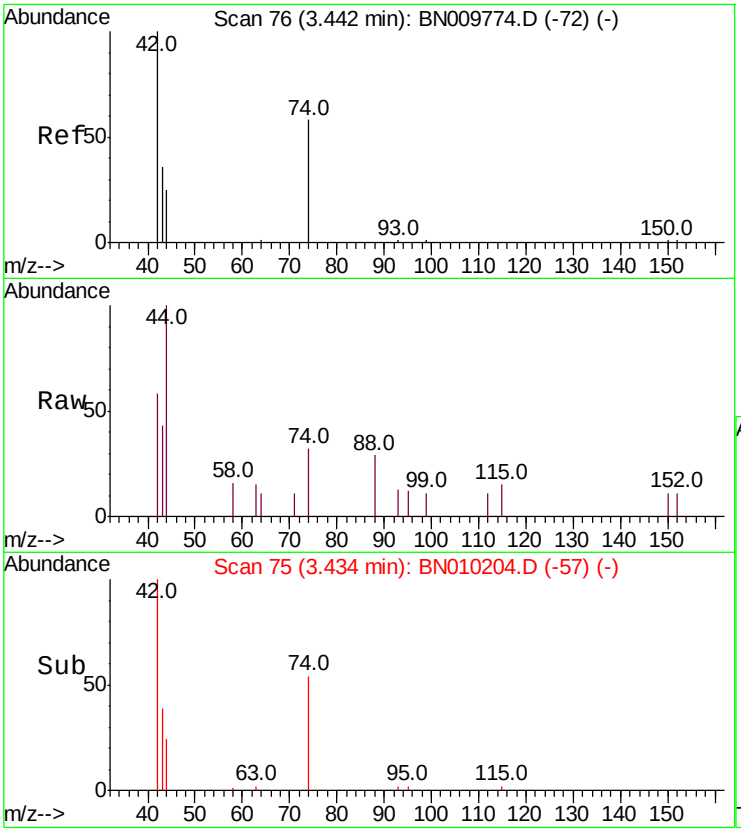


#2
1,4-Dioxane
Concen: 0.474 ng
RT: 3.04 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion: 88 Resp: 290

Ion	Ratio	Lower	Upper
88	100		
58	136.2	97.8	146.8
43	59.7	45.1	67.7



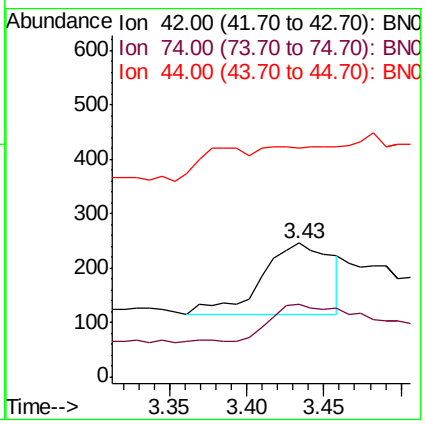


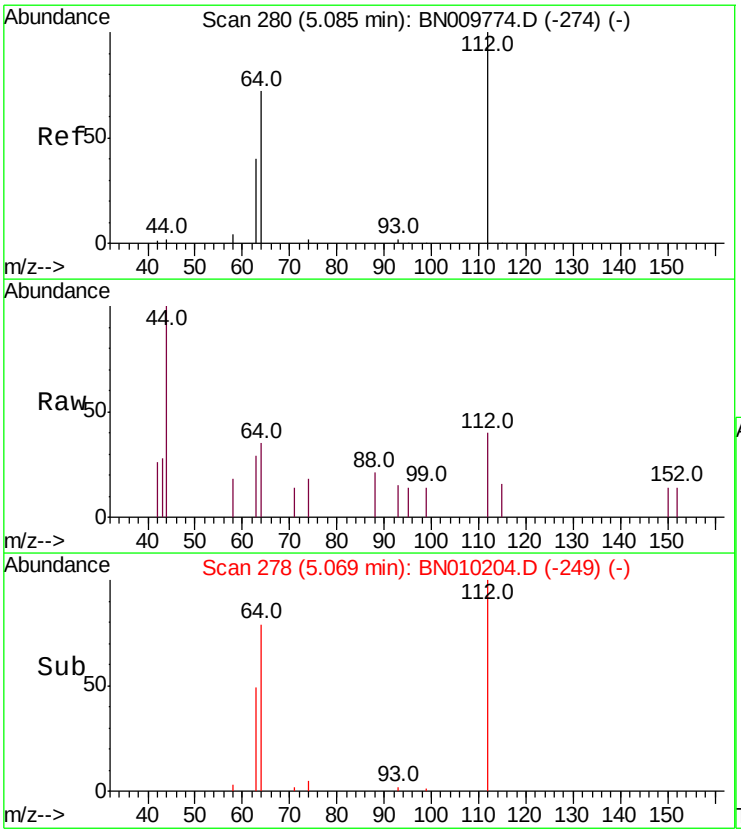
#3
n-Nitrosodimethylamine
Concen: 0.420 ng
RT: 3.43 min Scan# 75
Delta R.T. 0.05 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 422

Ion	Ratio	Lower	Upper
42	100		
74	37.4	51.2	76.8#
44	0.0	2.6	4.0#

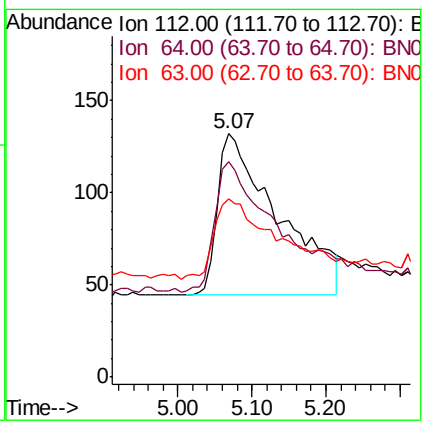


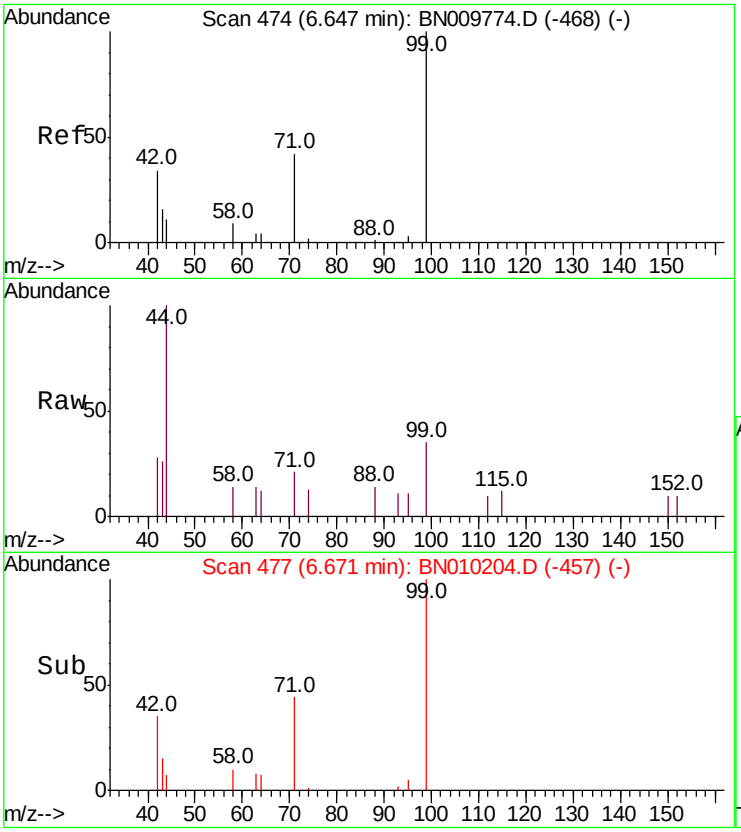


#4
2-Fluorophenol
Concen: 0.371 ng
RT: 5.07 min Scan# 278
Delta R.T. 0.03 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:112 Resp: 492

Ion	Ratio	Lower	Upper
112	100		
64	84.8	65.8	98.6
63	54.7	38.7	58.1



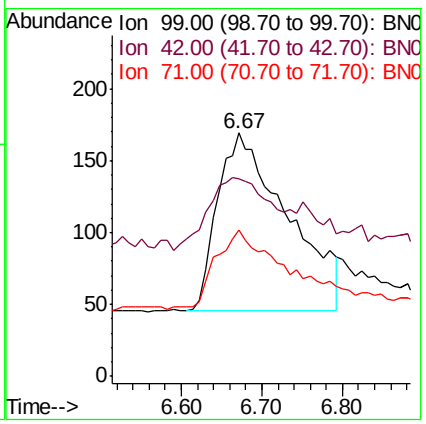


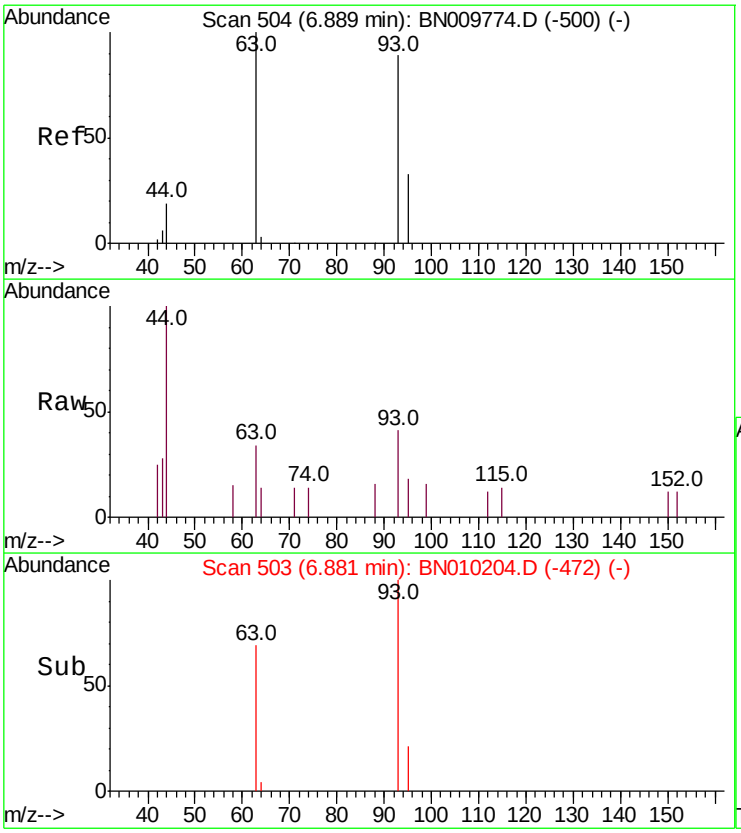
#5
Phenol-d6
Concen: 0.459 ng
RT: 6.67 min Scan# 477
Delta R.T. 0.06 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 742

Ion	Ratio	Lower	Upper
99	100		
42	35.3	30.8	46.2
71	44.6	34.9	52.3

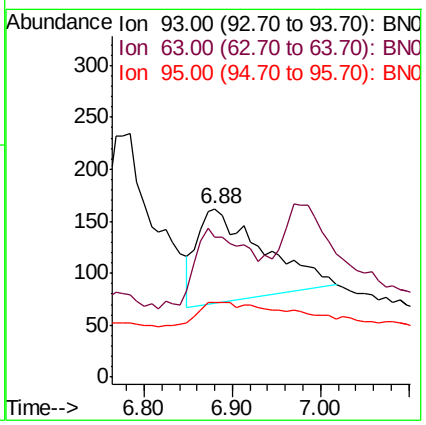


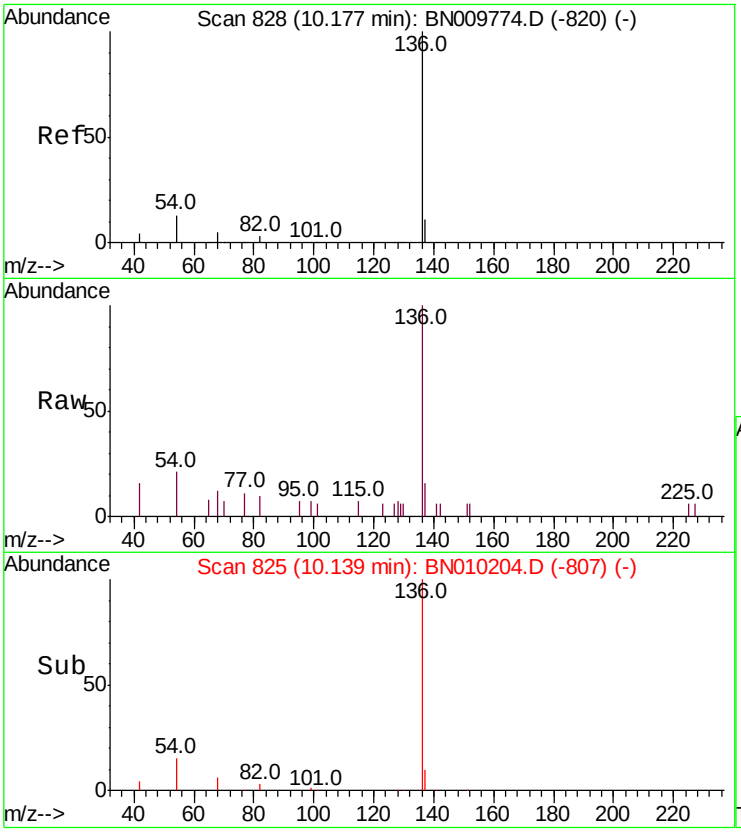


#6
bis(2-Chloroethyl)ether
Concen: 0.294 ng
RT: 6.88 min Scan# 503
Delta R.T. 0.05 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion: 93 Resp: 462

Ion	Ratio	Lower	Upper
93	100		
63	67.3	74.0	111.0#
95	14.9	26.7	40.1#



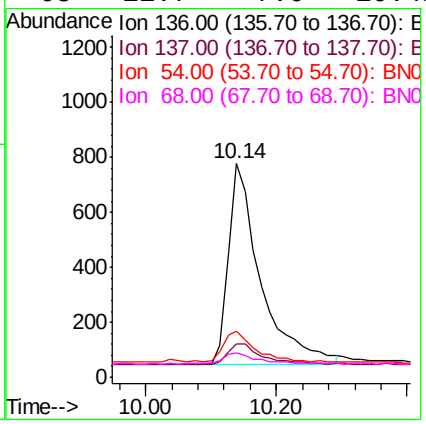


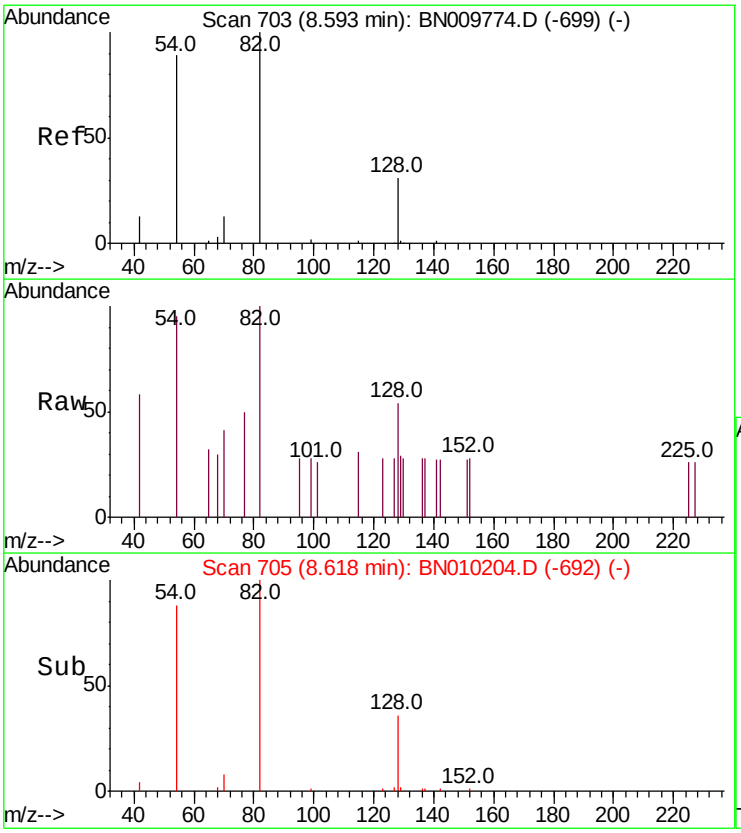
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 825
Delta R.T. 0.03 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 2498

Ion	Ratio	Lower	Upper
136	100		
137	15.8	11.3	16.9
54	21.5	13.4	20.2#
68	11.7	7.0	10.4#

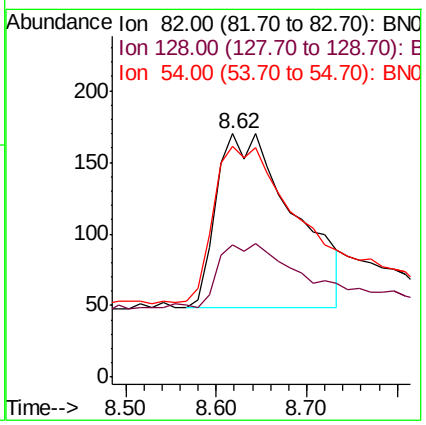


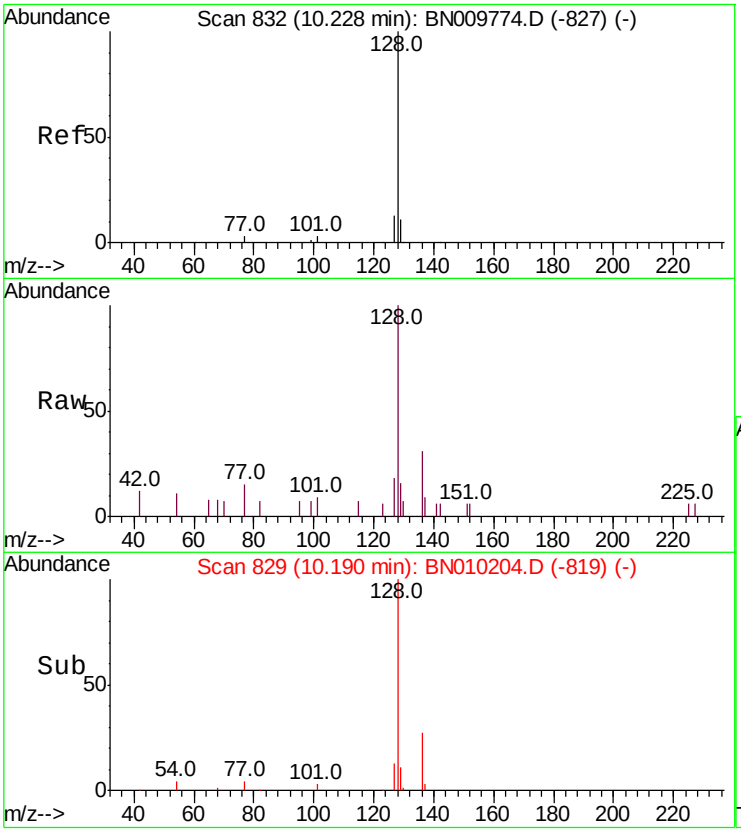


#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 8.62 min Scan# 705
Delta R.T. 0.06 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion: 82 Resp: 714

Ion	Ratio	Lower	Upper
82	100		
128	54.1	32.5	48.7#
54	94.7	73.5	110.3



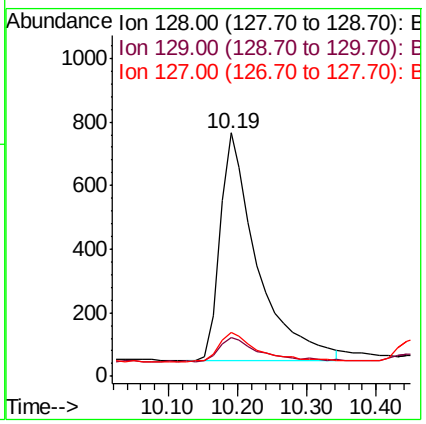


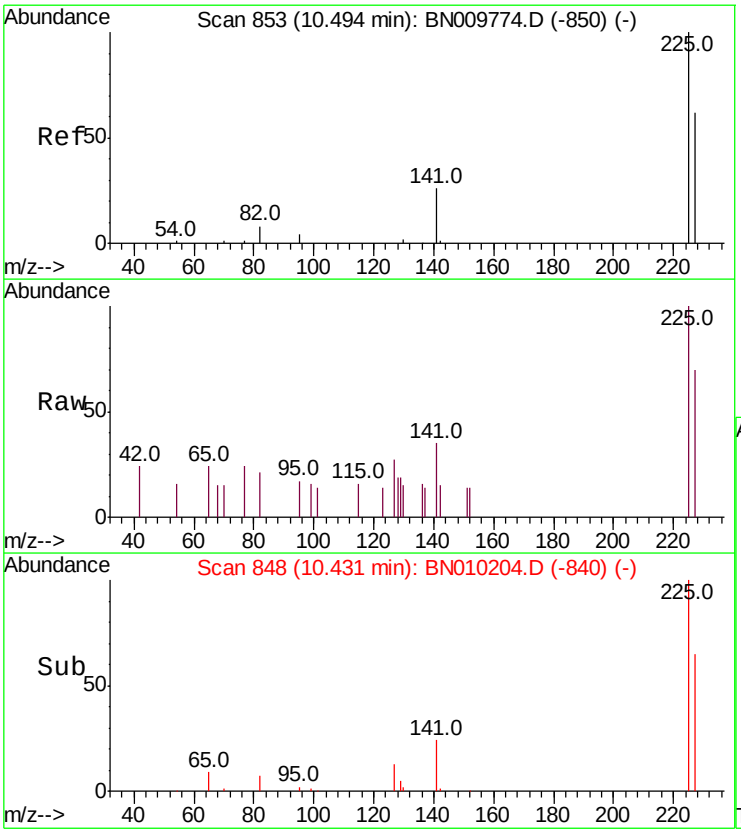
#9
Naphthalene
Concen: 0.392 ng
RT: 10.19 min Scan# 829
Delta R.T. 0.03 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2674

Ion	Ratio	Lower	Upper
128	100		
129	16.1	11.1	16.7
127	18.1	12.6	19.0

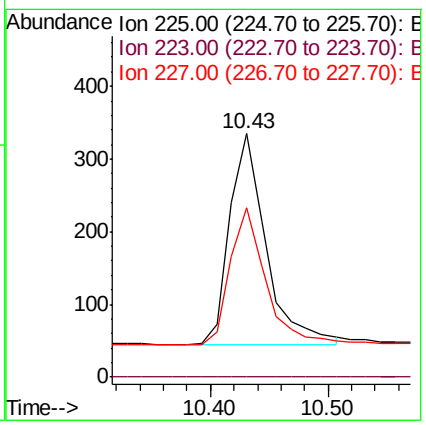


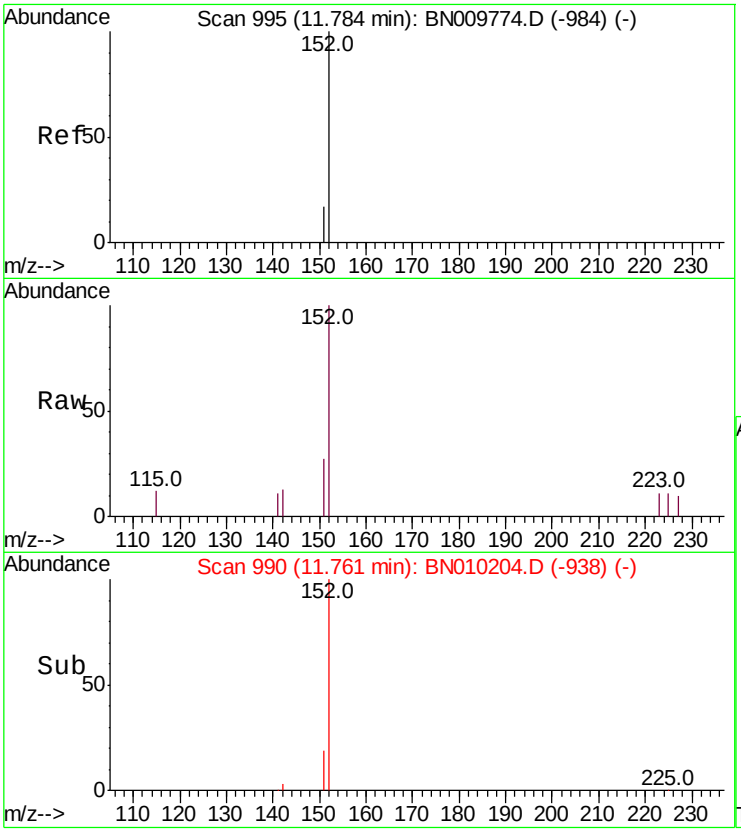


#10
Hexachlorobutadiene
Concen: 0.416 ng
RT: 10.43 min Scan# 848
Delta R.T. 0.00 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:225 Resp: 623

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.9	53.4	80.2



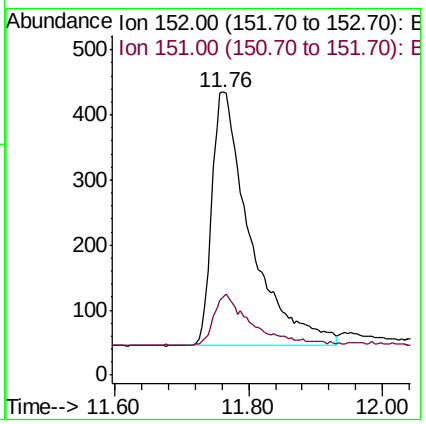


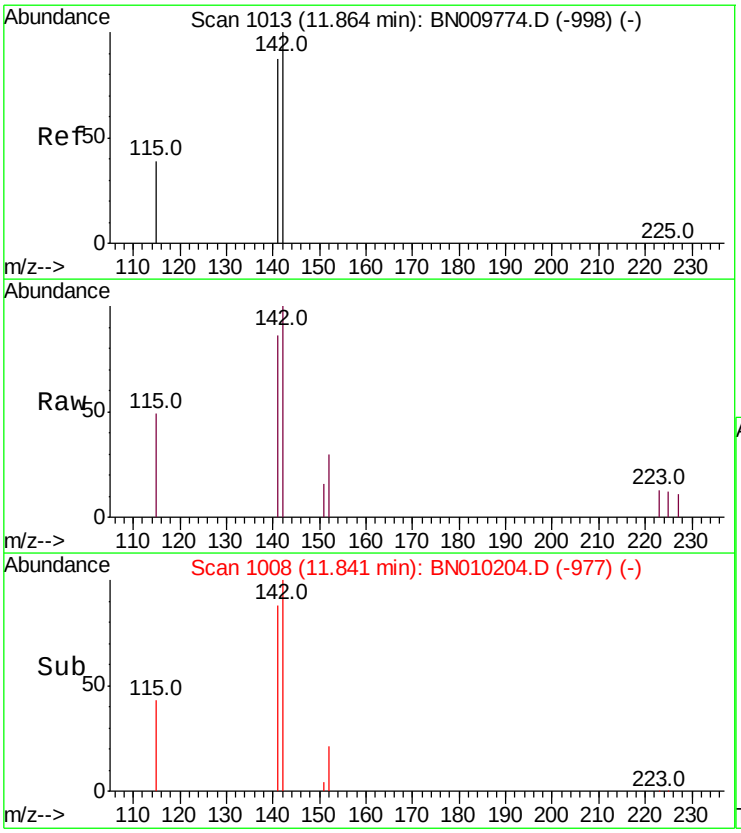
#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 11.76 min Scan# 990
Delta R.T. 0.03 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1552

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.1	22.7

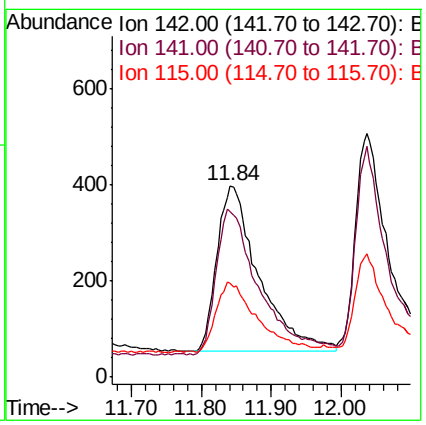


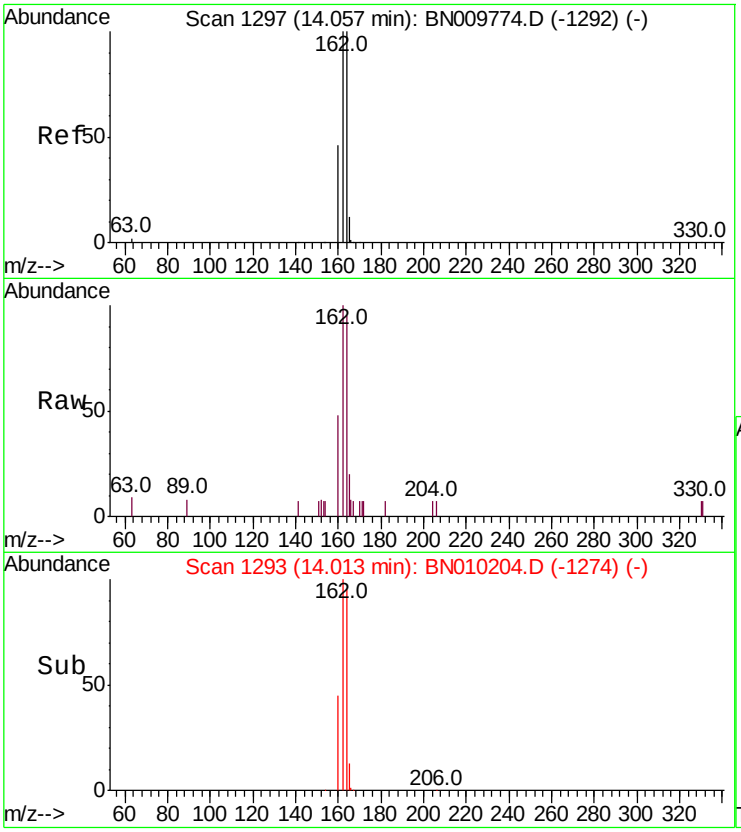


#12
2-Methylnaphthalene
Concen: 0.309 ng
RT: 11.84 min Scan# 1008
Delta R.T. 0.04 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:142 Resp: 1444

Ion	Ratio	Lower	Upper
142	100		
141	86.2	69.8	104.6
115	49.2	34.6	52.0



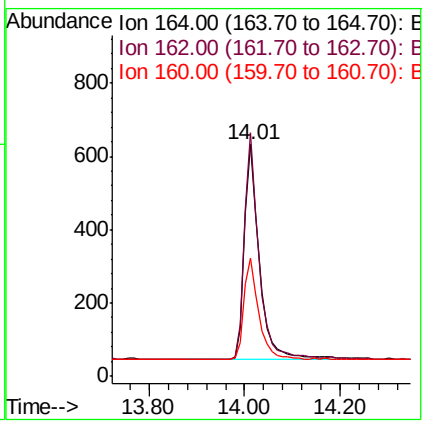


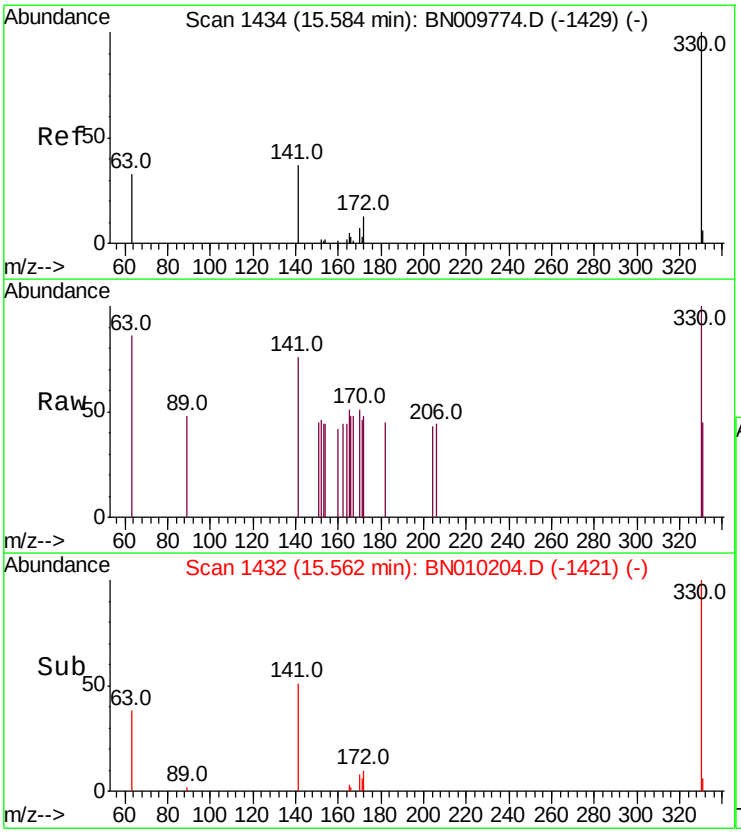
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 1268

Ion	Ratio	Lower	Upper
164	100		
162	104.9	79.9	119.9
160	50.9	38.2	57.2

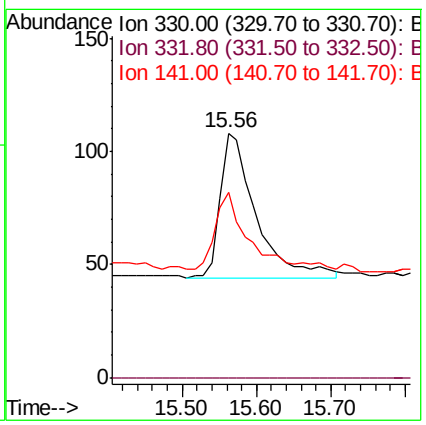


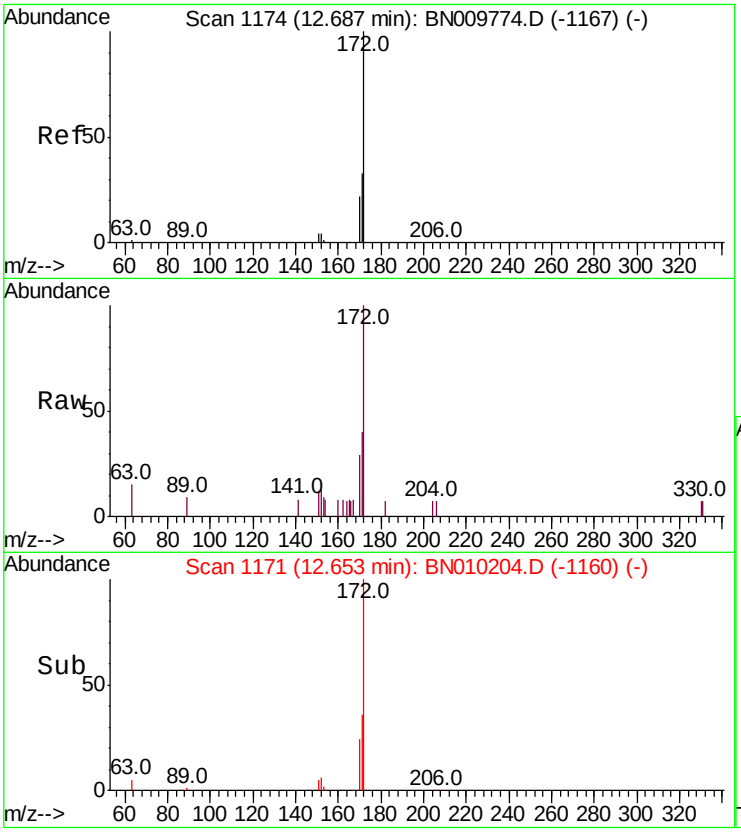


#14
2,4,6-Tribromophenol
Concen: 0.440 ng
RT: 15.56 min Scan# 1432
Delta R.T. 0.02 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:330 Resp: 215

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.6	36.8	55.2



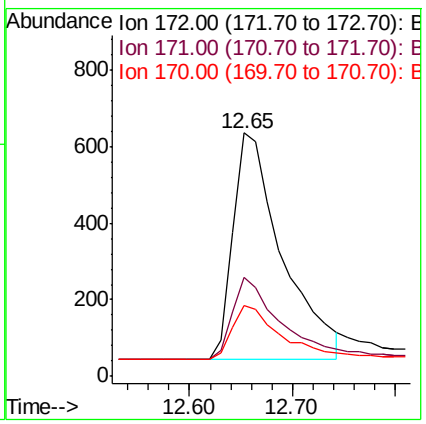


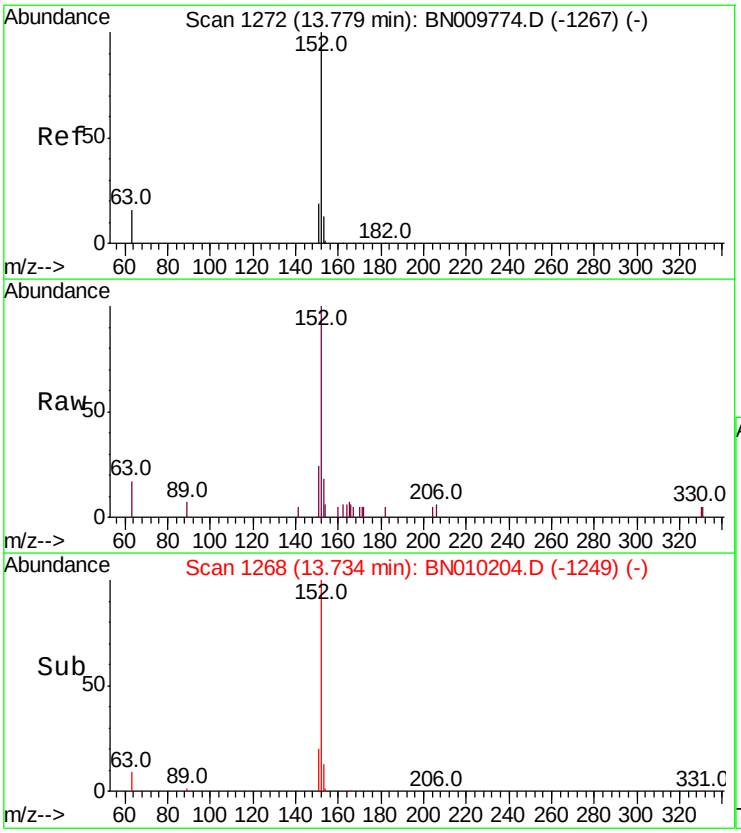
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.65 min Scan# 1171
Delta R.T. 0.02 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 1943

Ion	Ratio	Lower	Upper
172	100		
171	40.4	28.7	43.1
170	29.2	20.1	30.1

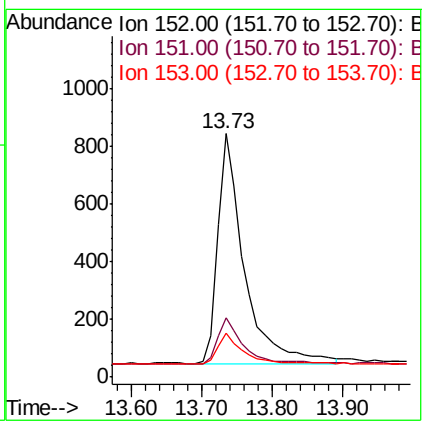


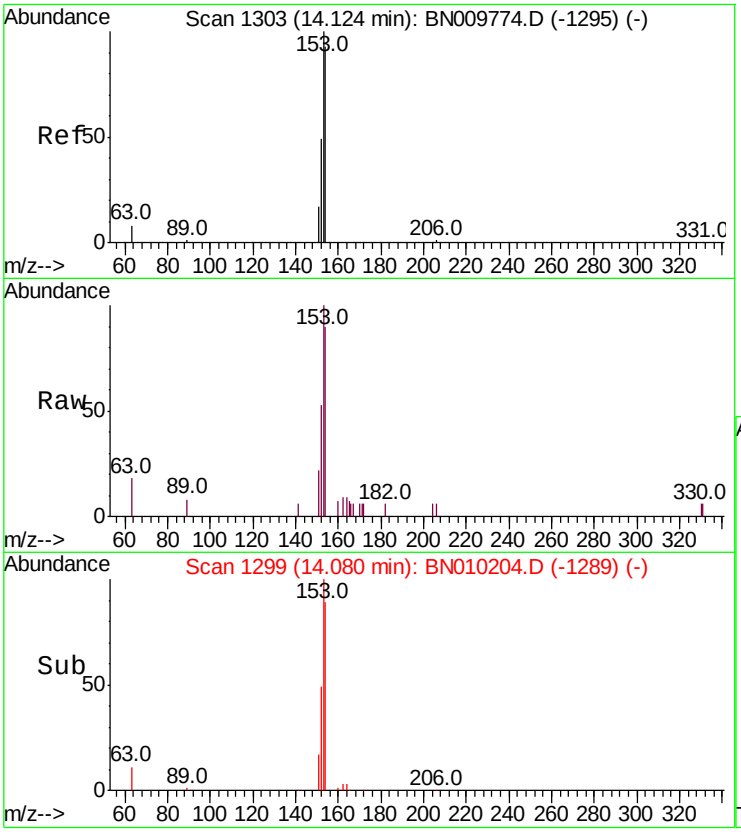


#16
Acenaphthylene
Concen: 0.390 ng
RT: 13.73 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:152 Resp: 2107

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.8	23.6
153	13.1	10.2	15.4



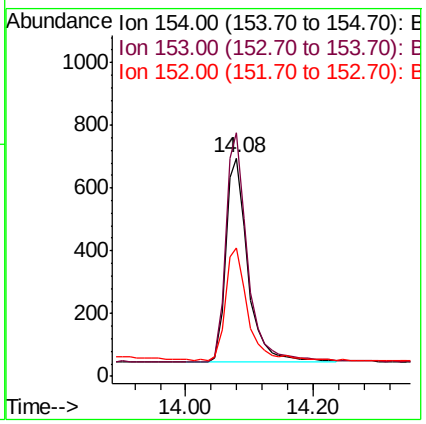


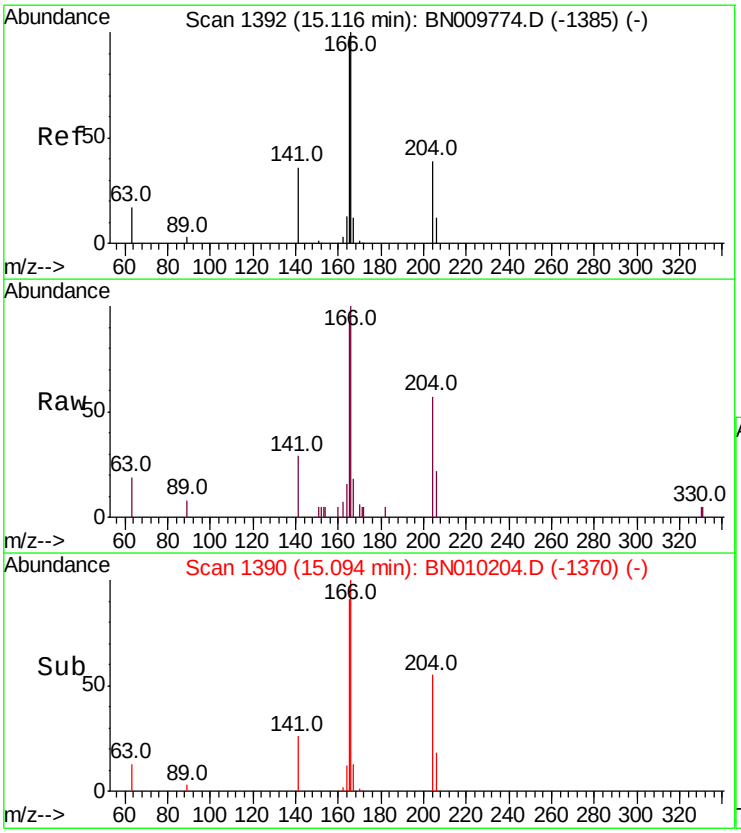
#17
Acenaphthene
Concen: 0.405 ng
RT: 14.08 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 1539

Ion	Ratio	Lower	Upper
154	100		
153	111.2	88.9	133.3
152	55.0	44.2	66.2

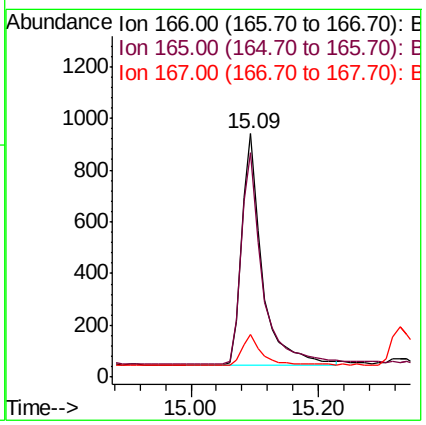


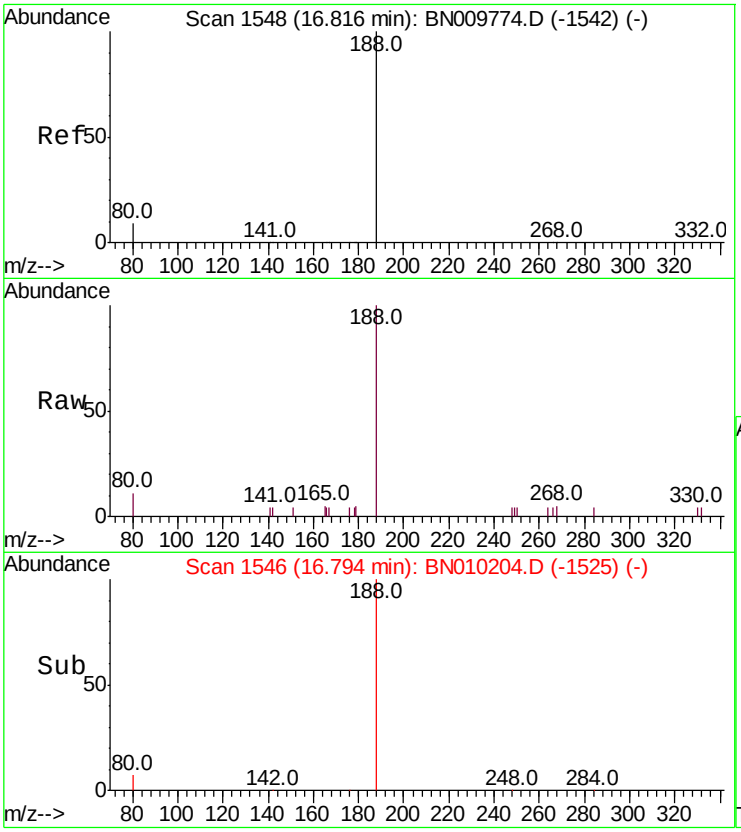


#18
Fluorene
Concen: 0.399 ng
RT: 15.09 min Scan# 1390
Delta R.T. 0.02 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:166 Resp: 1999

Ion	Ratio	Lower	Upper
166	100		
165	94.2	77.2	115.8
167	13.3	10.5	15.7



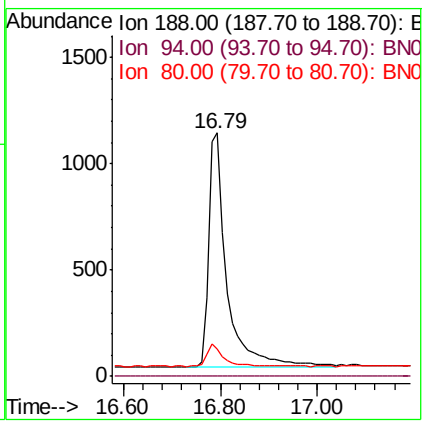


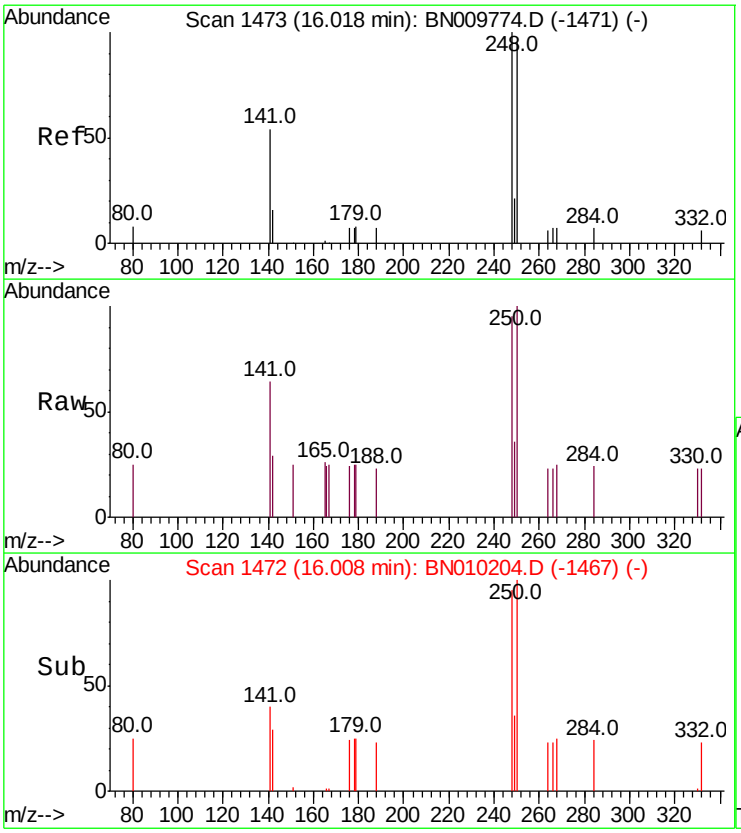
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. 0.02 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 2838

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	8.3	12.5

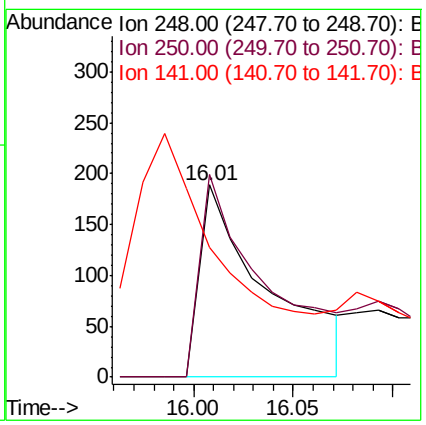


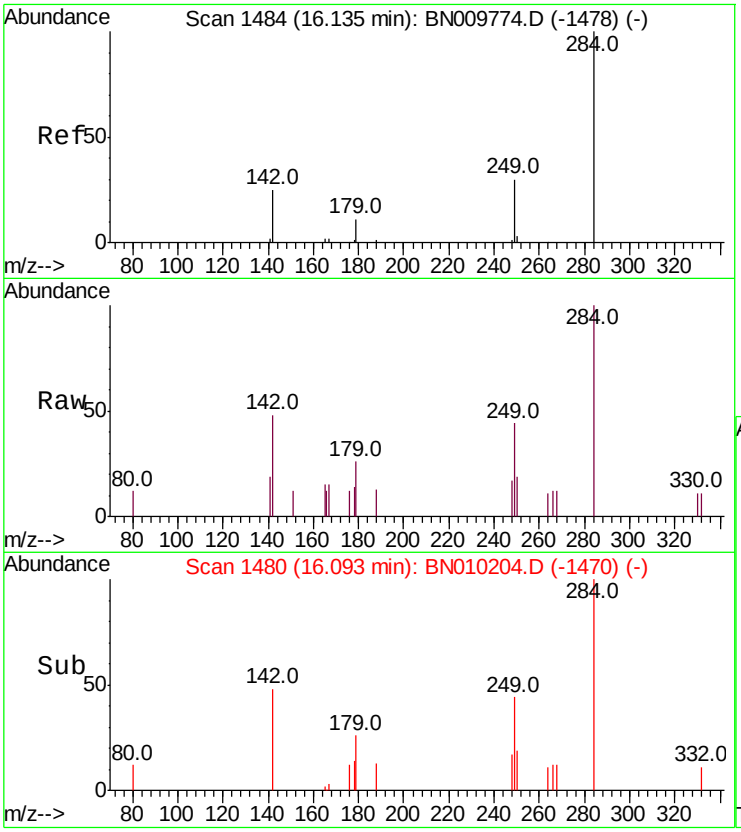


#20
4-Bromophenyl-phenylether
Concen: 0.170 ng
RT: 16.01 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:248 Resp: 452

Ion	Ratio	Lower	Upper
248	100		
250	105.3	76.2	114.4
141	67.7	57.8	86.6



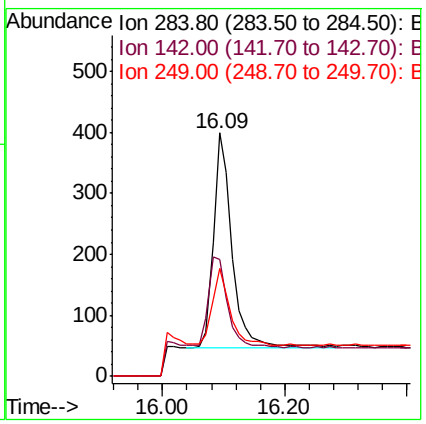


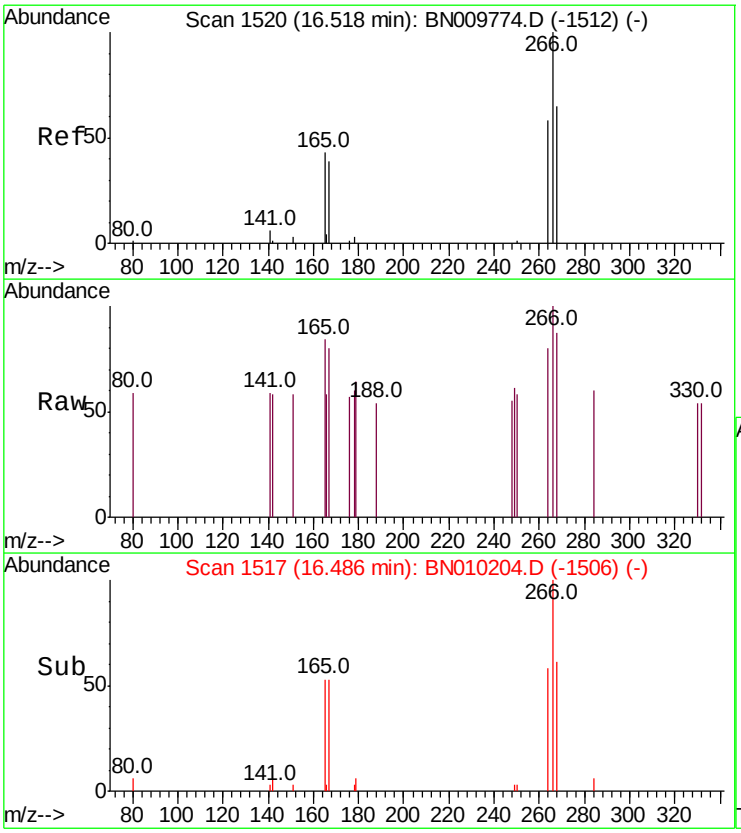
#21
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.09 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 734

Ion	Ratio	Lower	Upper
284	100		
142	43.6	33.3	49.9
249	33.7	25.7	38.5

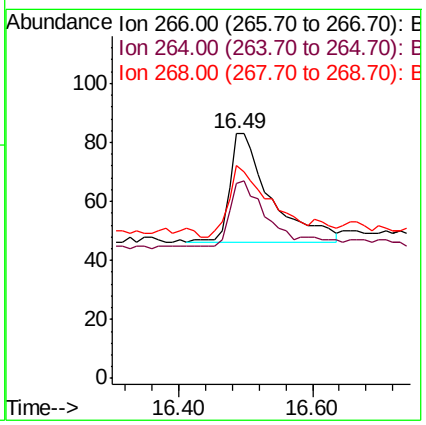


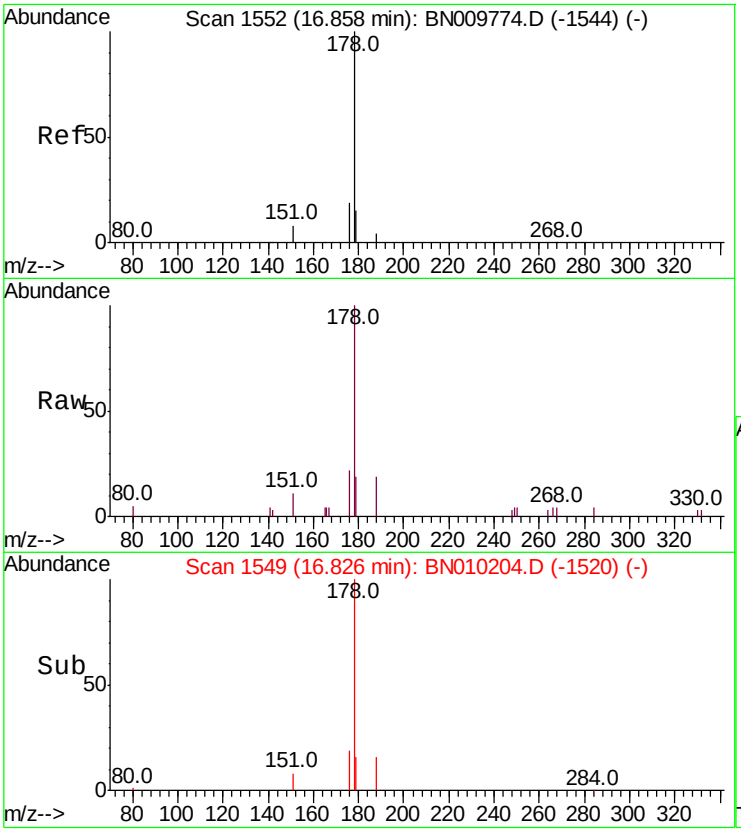


#22
Pentachlorophenol
Concen: 0.447 ng
RT: 16.49 min Scan# 1517
Delta R.T. 0.02 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:266 Resp: 159

Ion	Ratio	Lower	Upper
266	100		
264	79.5	58.1	87.1
268	86.7	65.7	98.5



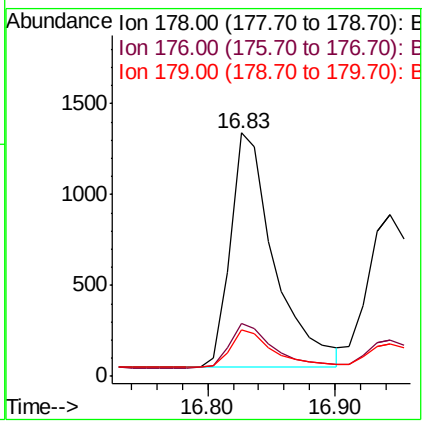


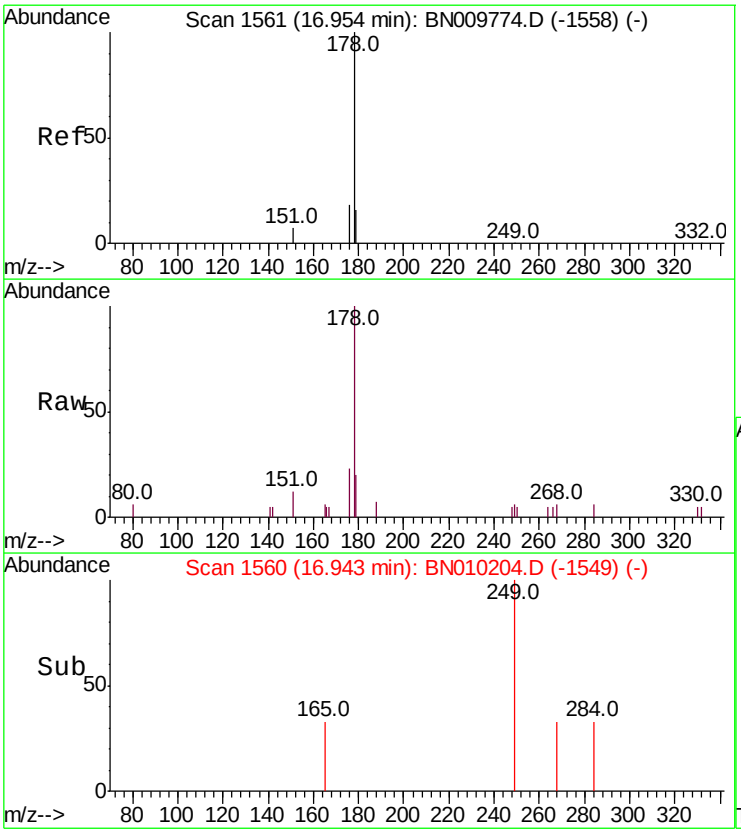
#23
Phenanthrene
Concen: 0.367 ng
RT: 16.83 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 3101

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	16.0	12.4	18.6

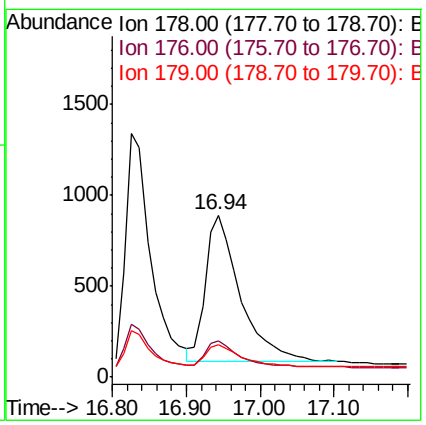


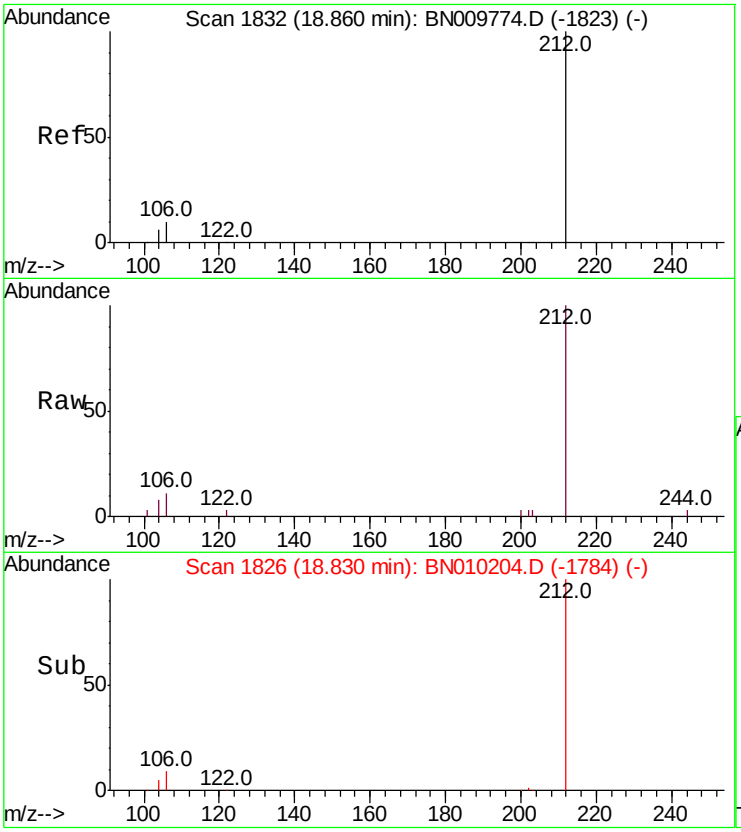


#24
Anthracene
Concen: 0.368 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.02 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:178 Resp: 2626

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.3	21.5
179	15.0	12.4	18.6



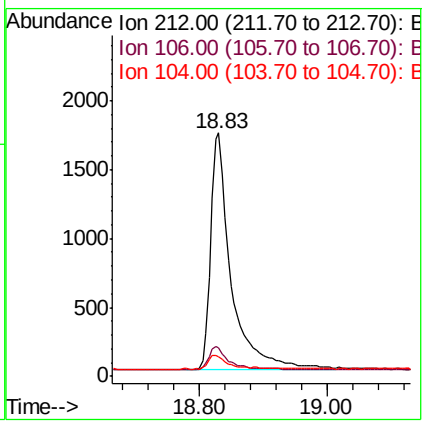


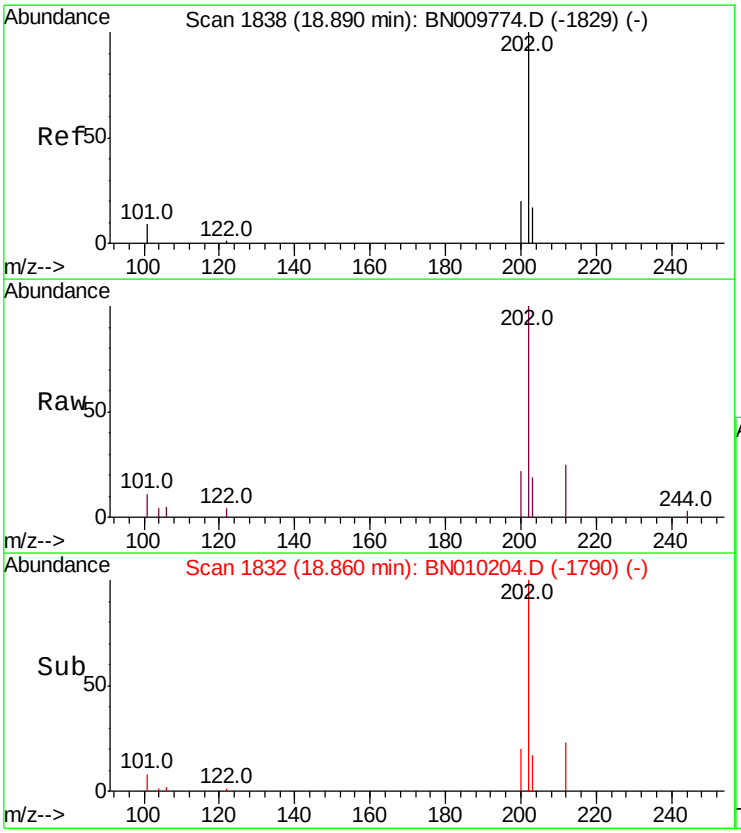
#25
Fluoranthene-d10
Concen: 0.395 ng
RT: 18.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 3875

Ion	Ratio	Lower	Upper
212	100		
106	9.0	8.4	12.6
104	5.3	4.8	7.2

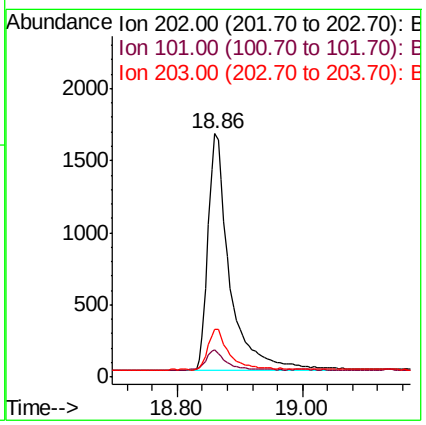


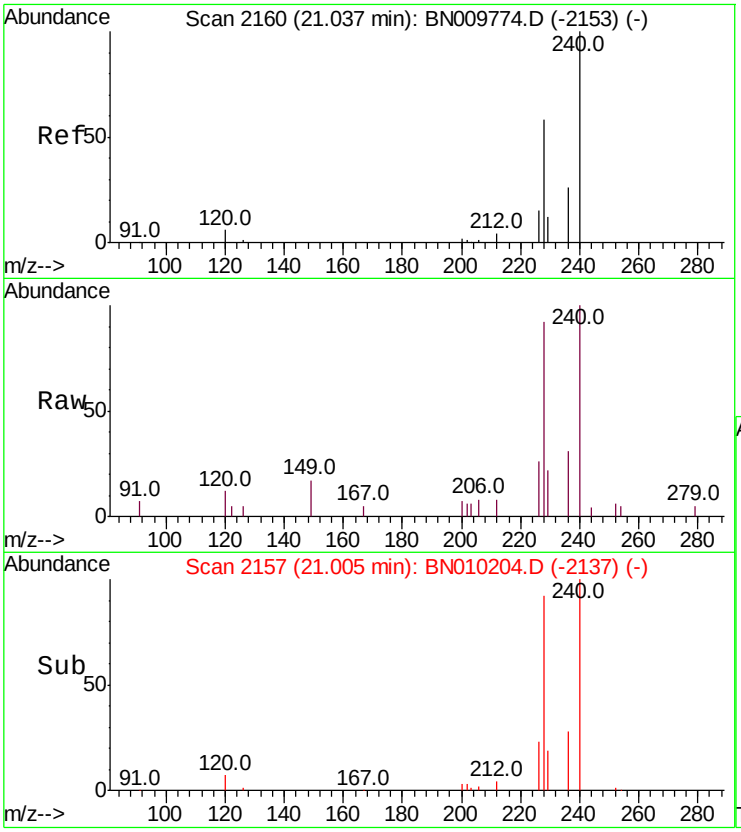


#26
Fluoranthene
Concen: 0.391 ng
RT: 18.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:202 Resp: 3959

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.1	10.7
203	16.6	13.8	20.6



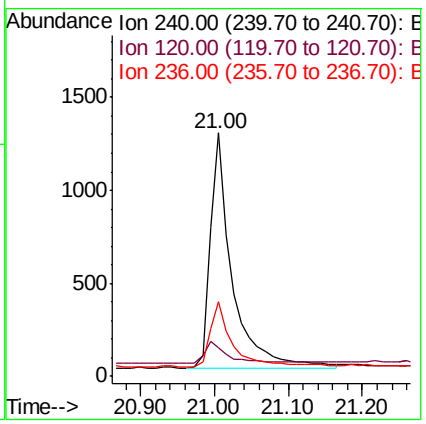


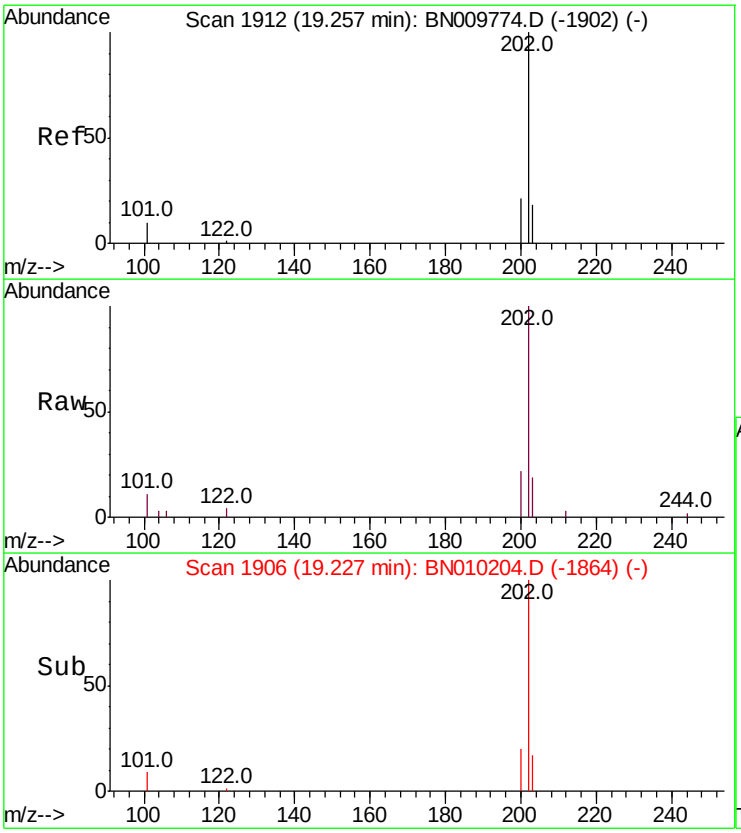
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 2599

Ion	Ratio	Lower	Upper
240	100		
120	11.9	7.9	11.9#
236	30.6	22.0	33.0

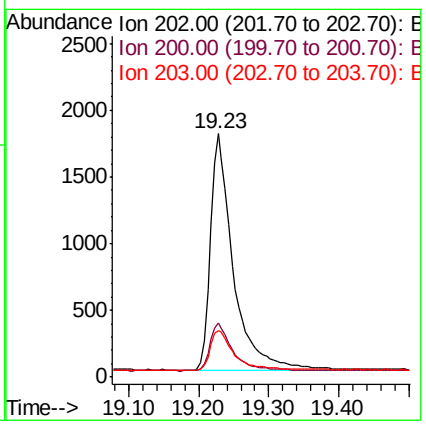


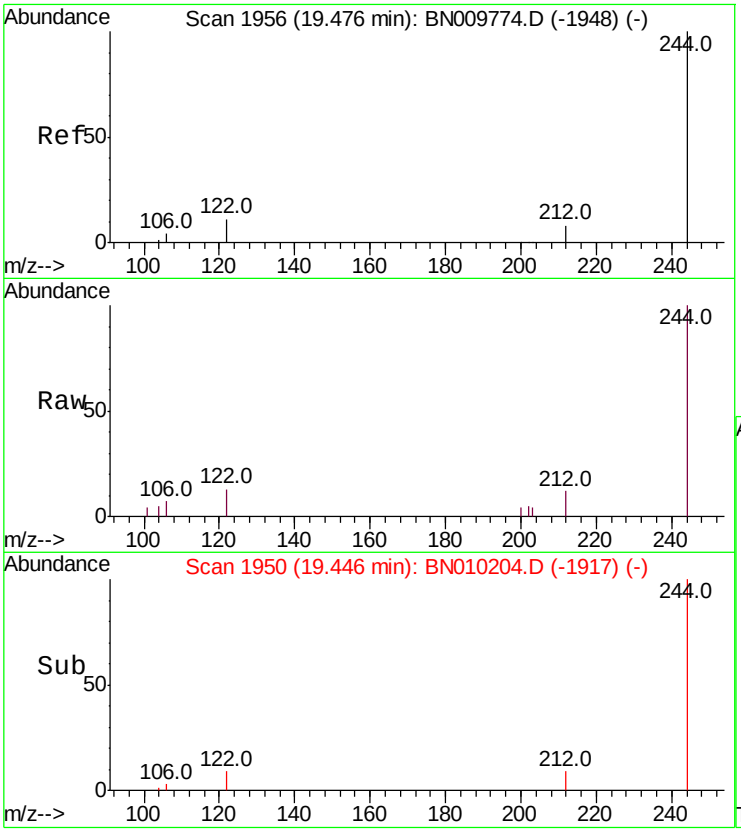


#28
Pyrene
Concen: 0.408 ng
RT: 19.23 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:202 Resp: 4029

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.4	24.6
203	17.6	13.9	20.9



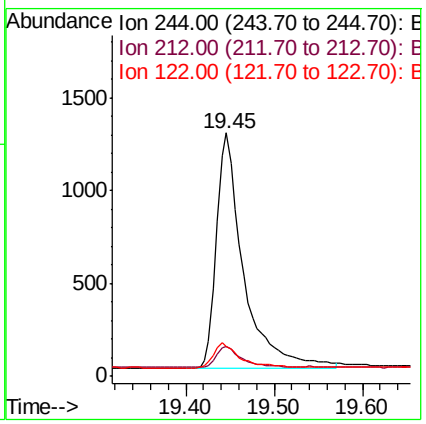


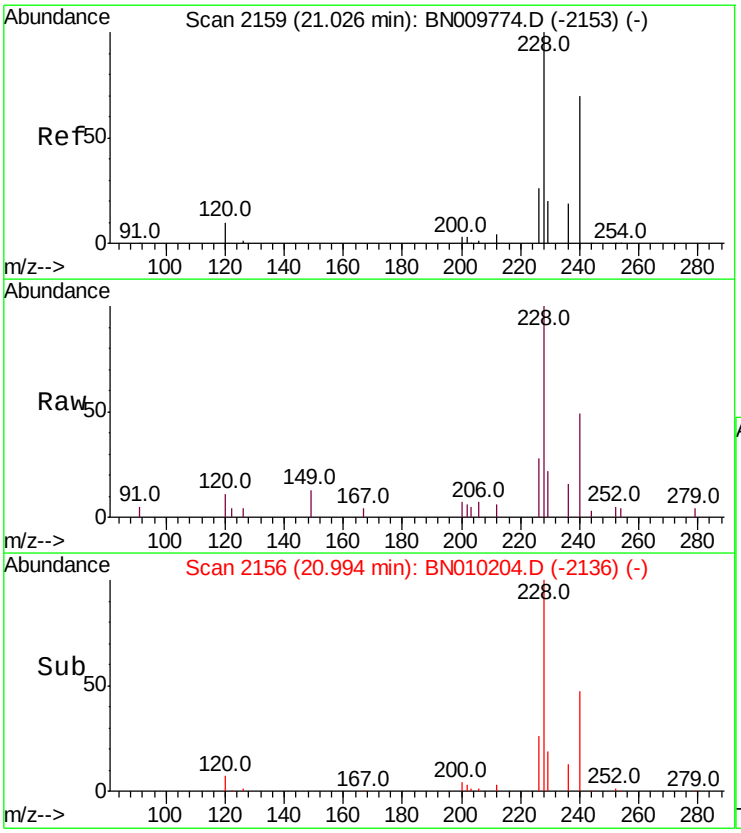
#29
Terphenyl-d14
Concen: 0.433 ng
RT: 19.45 min Scan# 1950
Delta R.T. 0.02 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 2687

Ion	Ratio	Lower	Upper
244	100		
212	12.1	8.0	12.0#
122	12.5	10.0	15.0

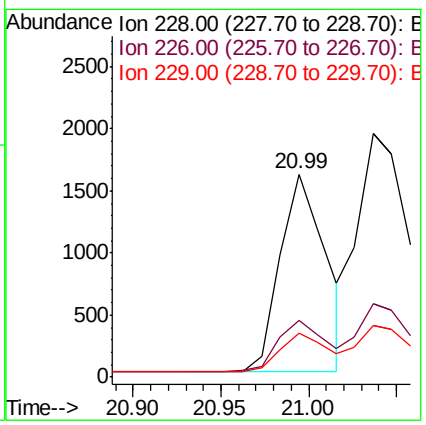


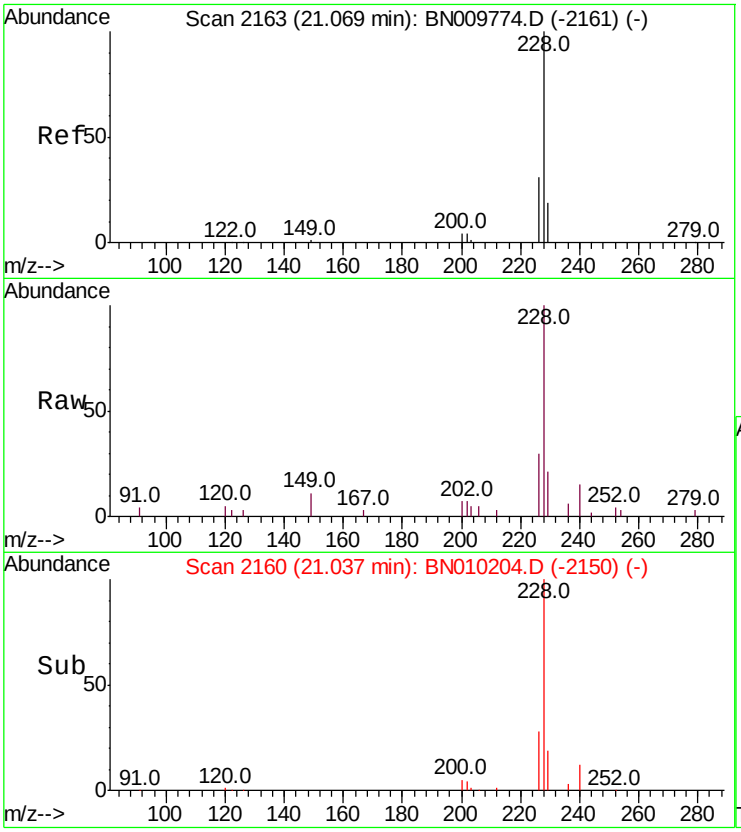


#30
Benzo(a)anthracene
Concen: 0.333 ng
RT: 20.99 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:228 Resp: 2875

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.8
229	21.6	17.1	25.7



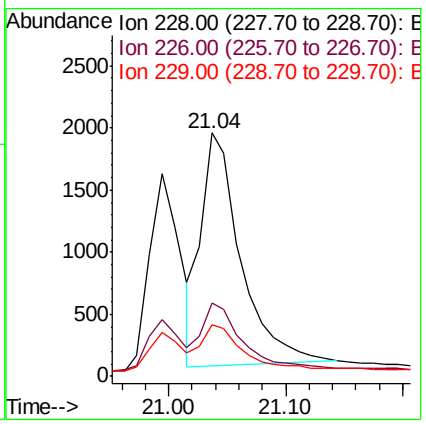


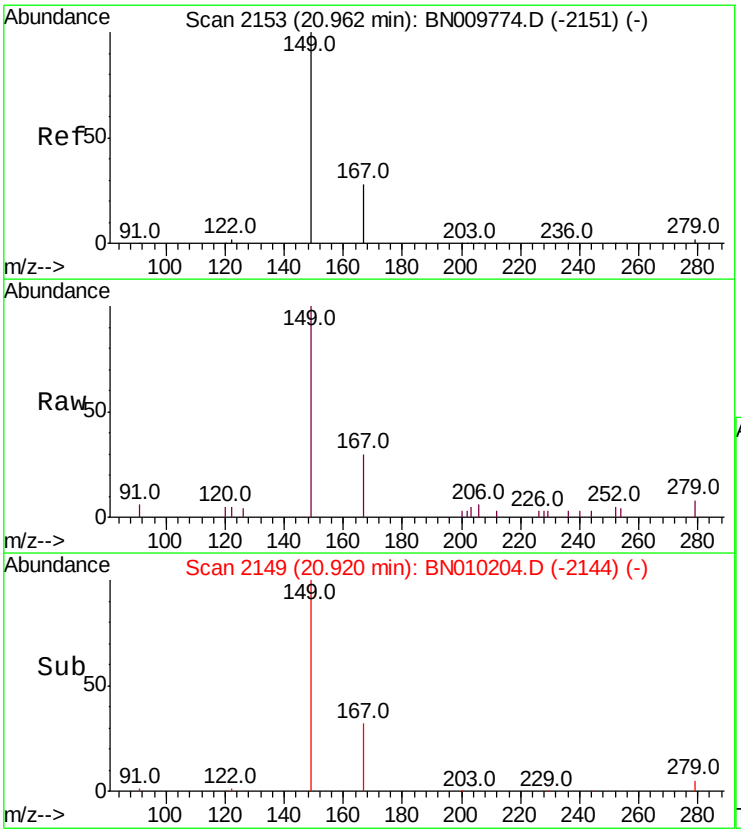
#31
Chrysene
Concen: 0.444 ng
RT: 21.04 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 4435

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.8	37.2
229	21.1	16.4	24.6

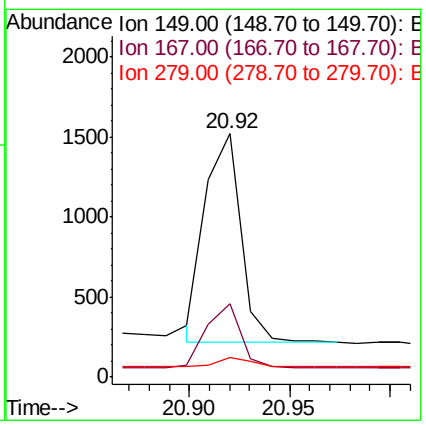


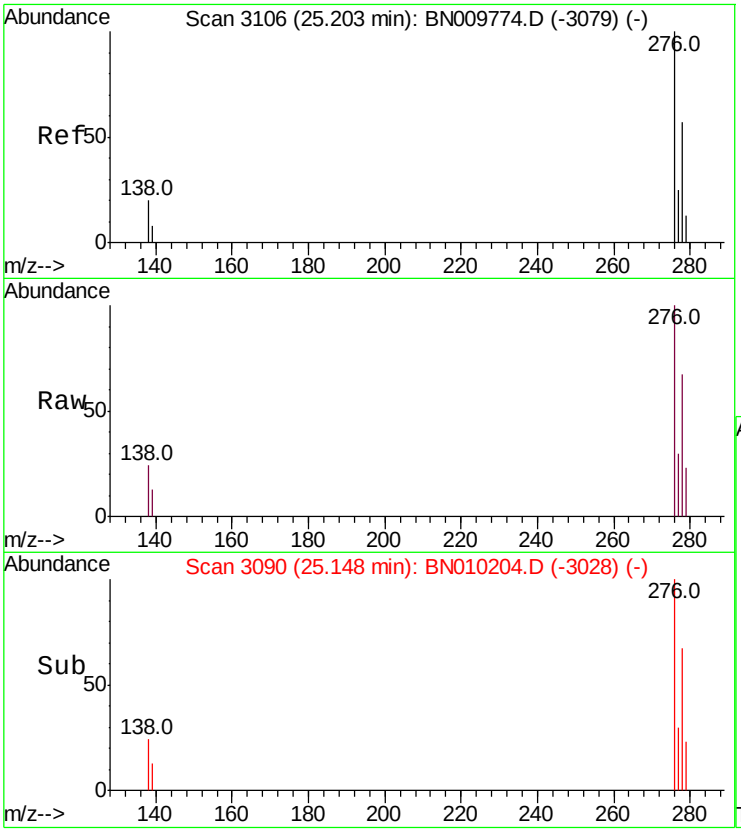


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.388 ng
RT: 20.92 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:149 Resp: 1633

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.7	34.1
279	3.9	3.1	4.7



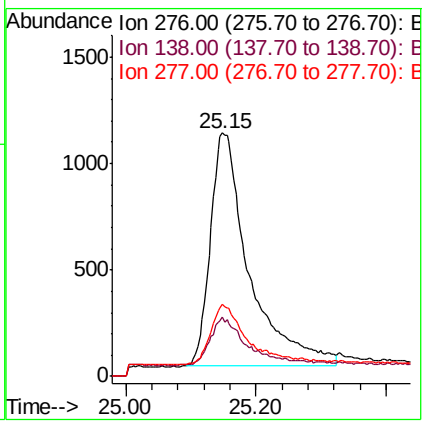


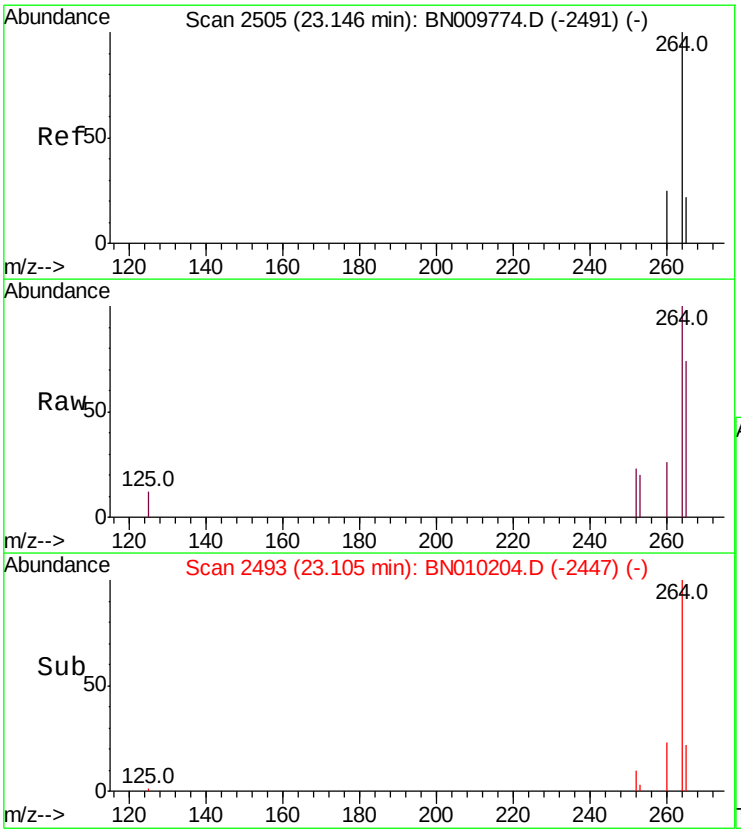
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng
RT: 25.15 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 4509

Ion	Ratio	Lower	Upper
276	100		
138	18.2	15.8	23.6
277	22.5	19.3	28.9

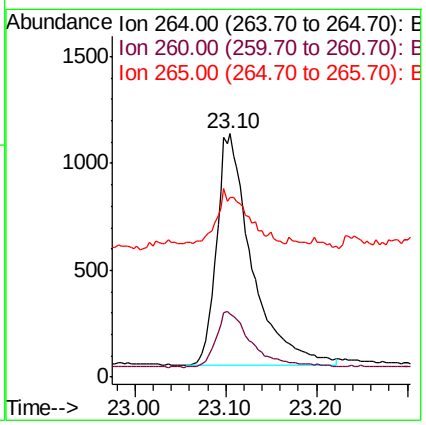


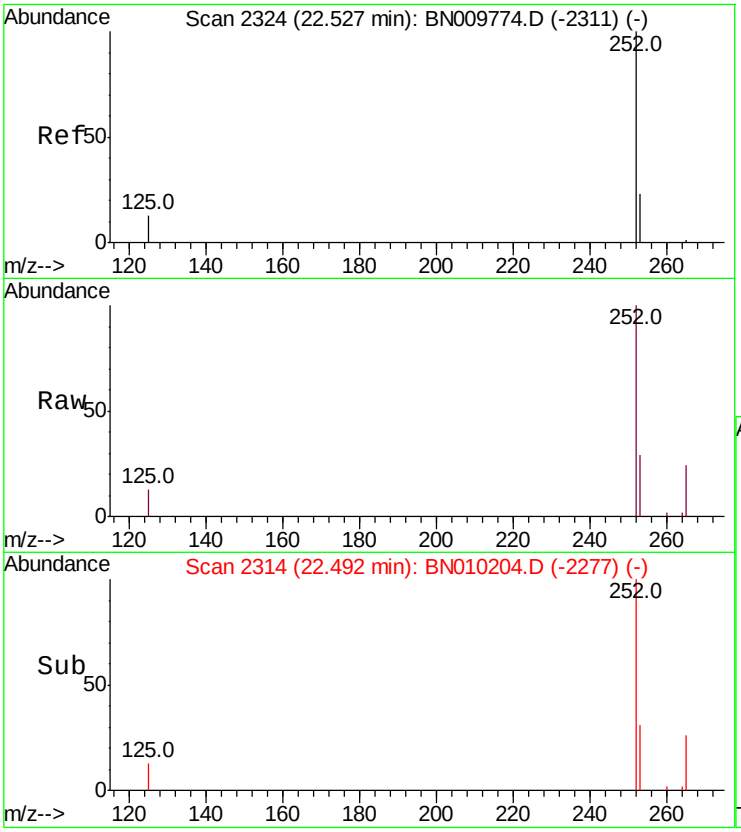


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:264 Resp: 2898

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.1	31.7
265	73.9	57.5	86.3



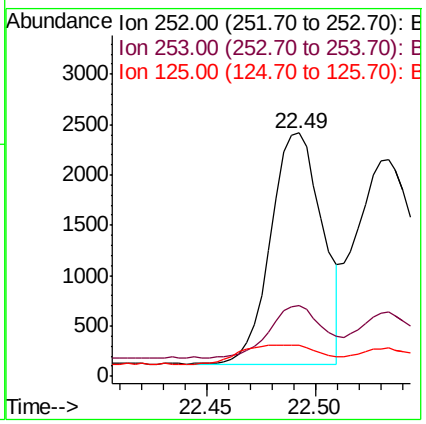


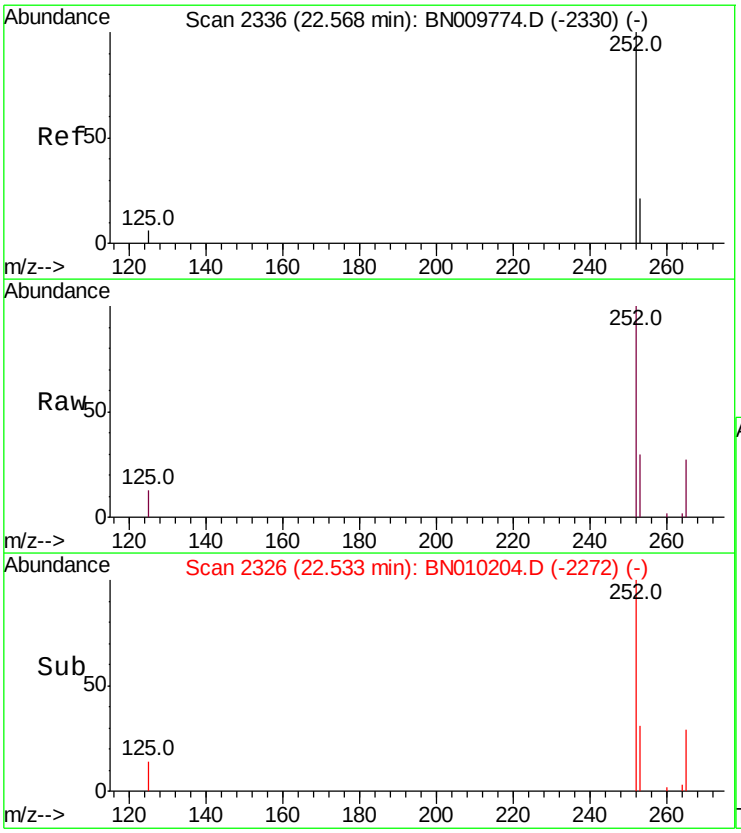
#35
Benzo(b)fluoranthene
Concen: 0.356 ng
RT: 22.49 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3775

Ion	Ratio	Lower	Upper
252	100		
253	29.3	23.0	34.6
125	12.6	14.4	21.6#

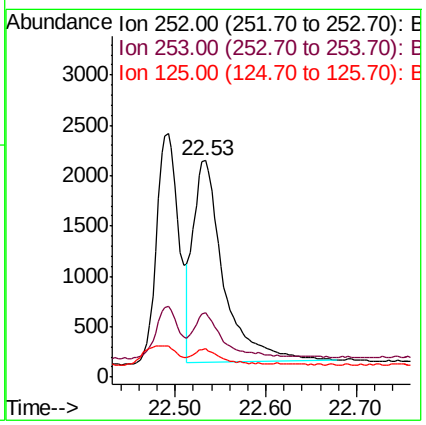


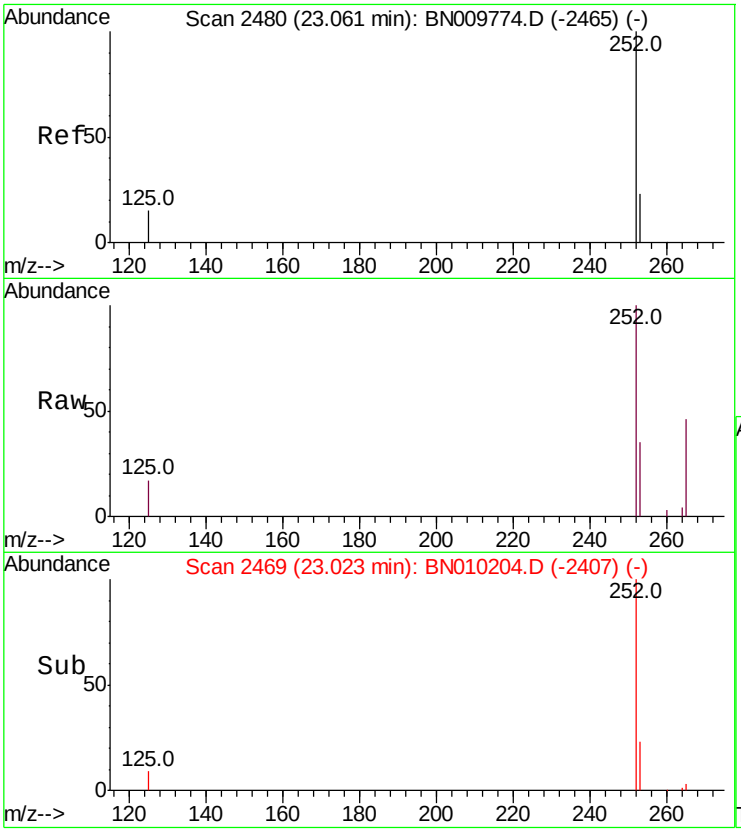


#36
Benzo(k)fluoranthene
Concen: 0.406 ng
RT: 22.53 min Scan# 2326
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:252 Resp: 4684

Ion	Ratio	Lower	Upper
252	100		
253	29.6	22.2	33.2
125	13.1	10.5	15.7



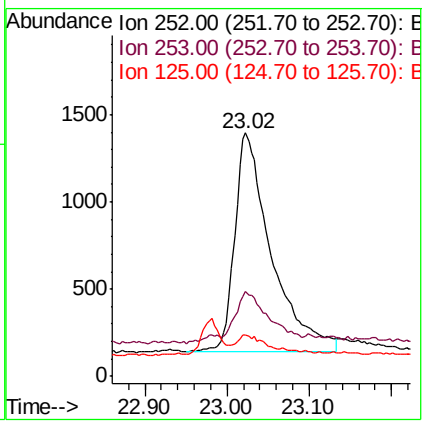


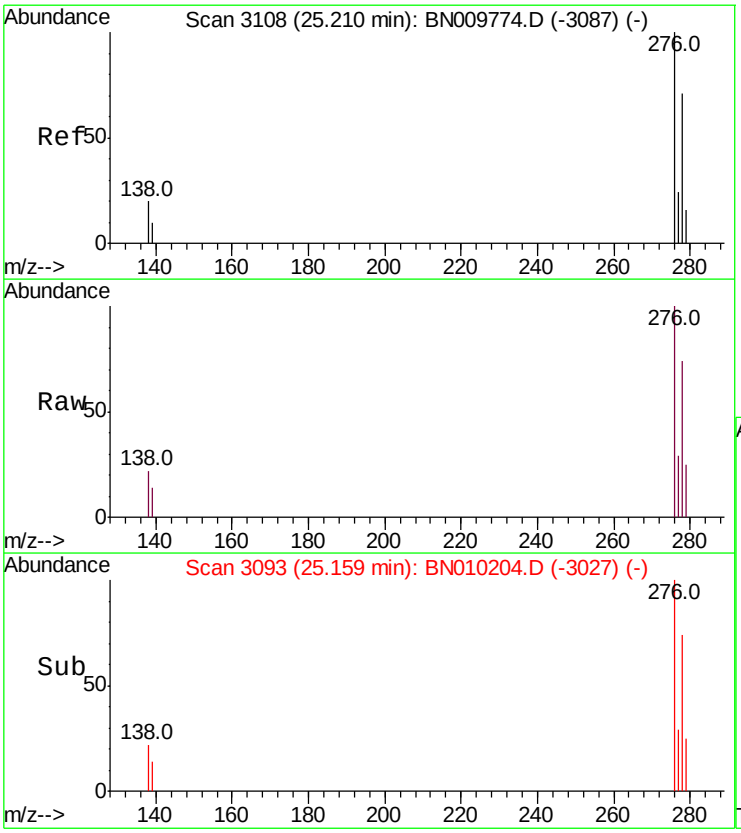
#37
Benzo(a)pyrene
Concen: 0.403 ng
RT: 23.02 min Scan# 2469
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3897

Ion	Ratio	Lower	Upper
252	100		
253	35.1	25.3	37.9
125	16.9	17.7	26.5#

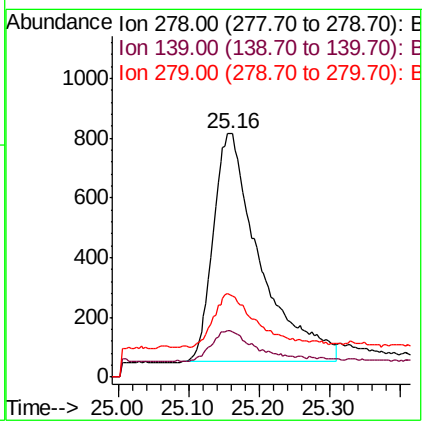


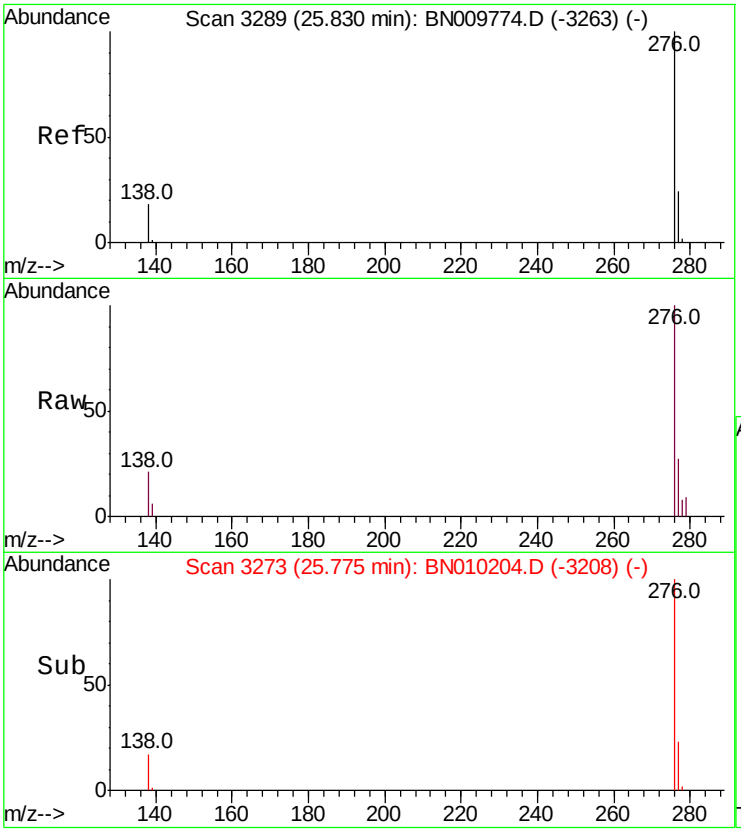


#38
Dibenzo(a,h)anthracene
Concen: 0.369 ng
RT: 25.16 min Scan# 3093
Delta R.T. 0.03 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:278 Resp: 3508

Ion	Ratio	Lower	Upper
278	100		
139	19.1	14.5	21.7
279	33.9	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 0.424 ng
RT: 25.77 min Scan# 3273
Delta R.T. 0.02 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 4298

Ion	Ratio	Lower	Upper
276	100		
277	27.4	21.4	32.0
138	20.7	16.6	24.8