Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
Data File : BN009777.D
Acq On : 19 Feb 2020 14:08
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Feb 19 15:56:26 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 13:45:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	1007	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	3184	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	1986	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	4262	0.40	ng		-0.01
27) Chrysene-d12	21.03	240	4259	0.40	ng		-0.01
34) Perylene-d12	23.14	264	4052	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	7362	3.18	ng		-0.02
5) Phenol-d6	6.62	99	9411	3.51	ng		-0.02
8) Nitrobenzene-d5	8.55	82	9687	3.82	ng		-0.04
11) 2-Methylnaphthalene-d10	11.76	152	21306	3.46	ng		-0.02
14) 2,4,6-Tribromophenol	15.56	330	2835	3.78	ng		-0.02
15) 2-Fluorobiphenyl	12.66	172	26216	3.53	ng		-0.02
25) Fluoranthene-d10	18.85	212	52083	3.56	ng		-0.01
29) Terphenyl-d14	19.47	244	34023	3.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	3381	3.219	ng		99
3) n-Nitrosodimethylamine	3.40	42	6299	3.883	ng	#	93
6) bis(2-Chloroethyl)ether	6.86	93	8910	3.228	ng		94
9) Naphthalene	10.20	128	28677	3.328	ng		94
10) Hexachlorobutadiene	10.49	225	6335	3.353	ng	#	96
12) 2-Methylnaphthalene	11.84	142	20449	3.405	ng		98
16) Acenaphthylene	13.77	152	31162	3.638	ng		99
17) Acenaphthene	14.11	154	20362	3.380	ng		99
18) Fluorene	15.10	166	26610	3.390	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	6854	2.671	ng		91
21) Hexachlorobenzene	16.12	284	9183	3.361	ng		99
22) Pentachlorophenol	16.49	266	2738	3.569	ng		86
23) Phenanthrene	16.85	178	44087	3.443	ng		99
24) Anthracene	16.94	178	39249	3.651	ng		100
26) Fluoranthene	18.88	202	53911	3.589	ng		100
28) Pyrene	19.25	202	52695	3.264	ng		100
30) Benzo(a)anthracene	21.00	228	51538	3.681	ng		97
31) Chrysene	21.06	228	53166	3.320	ng		97
32) Bis(2-ethylhexyl)phthalate	20.96	149	23689	3.826	ng		100
33) Indeno(1,2,3-cd)pyrene	25.18	276	61600	3.698	ng		97
35) Benzo(b)fluoranthene	22.51	252	54062	3.627	ng	#	84
36) Benzo(k)fluoranthene	22.55	252	55219	3.357	ng	#	89
37) Benzo(a)pyrene	23.05	252	47470	3.618	ng	#	80
38) Dibenzo(a,h)anthracene	25.19	278	50087	3.795	ng	#	90
39) Benzo(g,h,i)perylene	25.80	276	50949	3.509	ng		95

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

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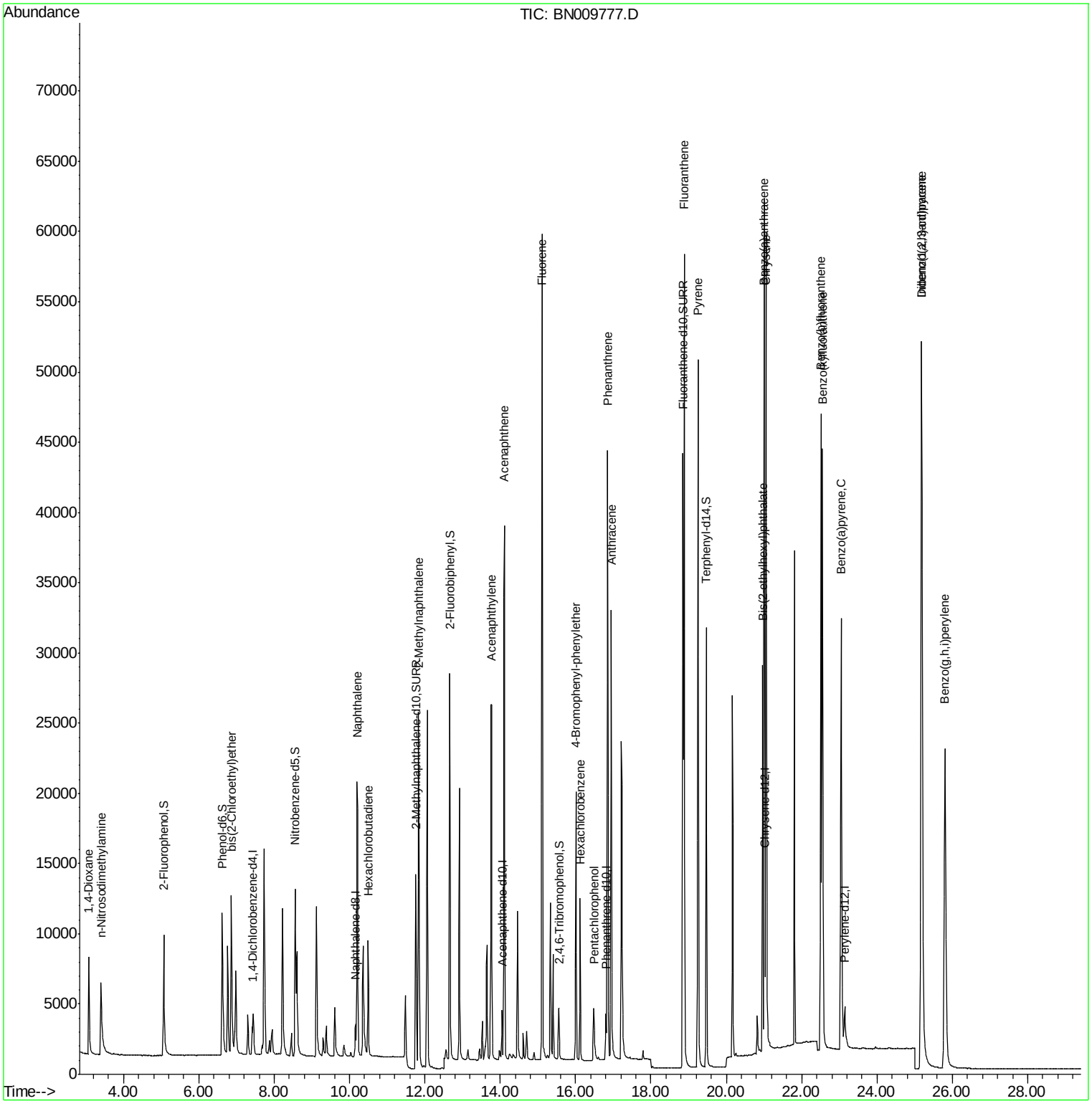
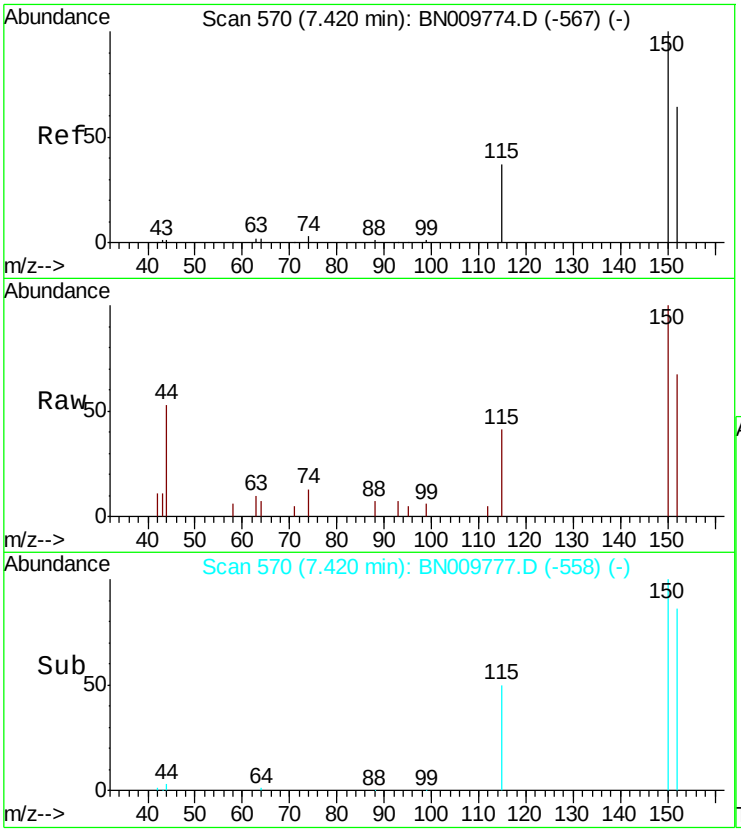
Acq On : 19 Feb 2020 14:08
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Feb 19 15:56:26 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 13:45:18 2020
Response via : Initial Calibration



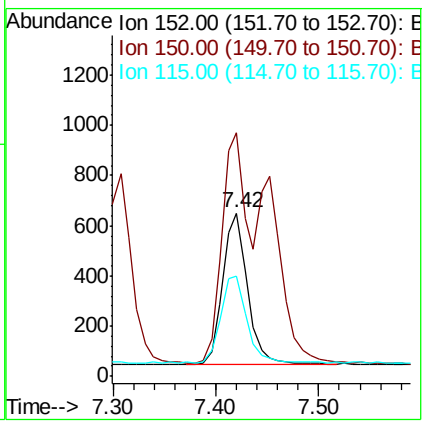


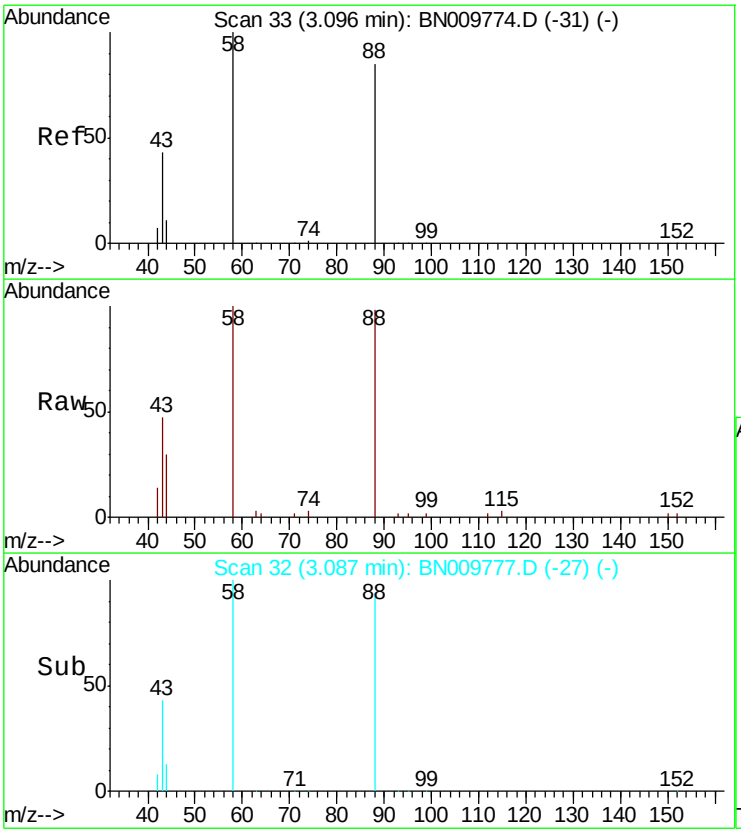
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 570
Delta R.T. -0.00 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 1007

Ion	Ratio	Lower	Upper
152	100		
150	149.2	120.6	181.0
115	61.8	51.2	76.8

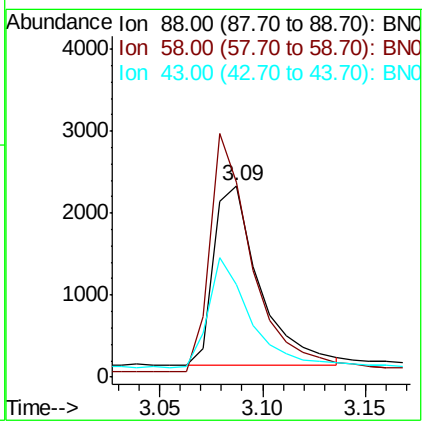


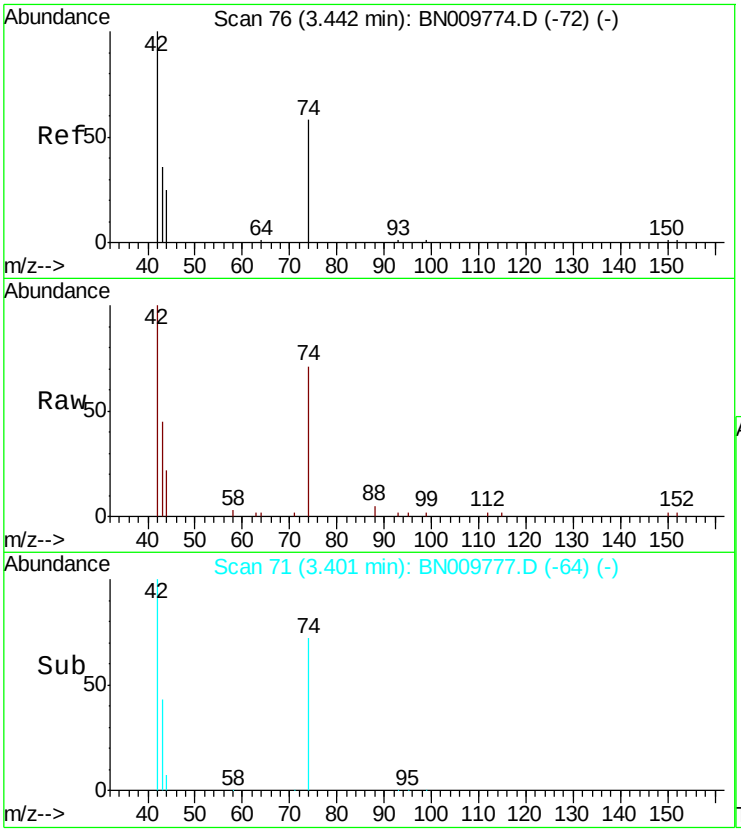


#2
1,4-Dioxane
Concen: 3.219 ng
RT: 3.09 min Scan# 32
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion: 88 Resp: 3381

Ion	Ratio	Lower	Upper
88	100		
58	122.6	97.8	146.8
43	54.6	45.1	67.7



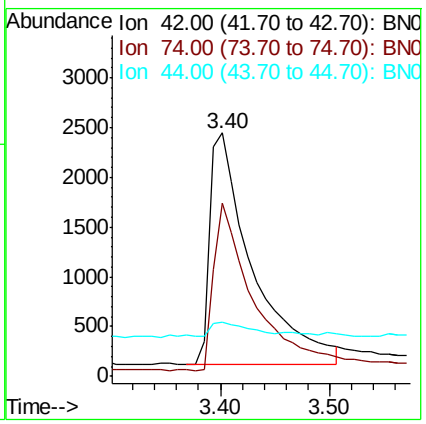


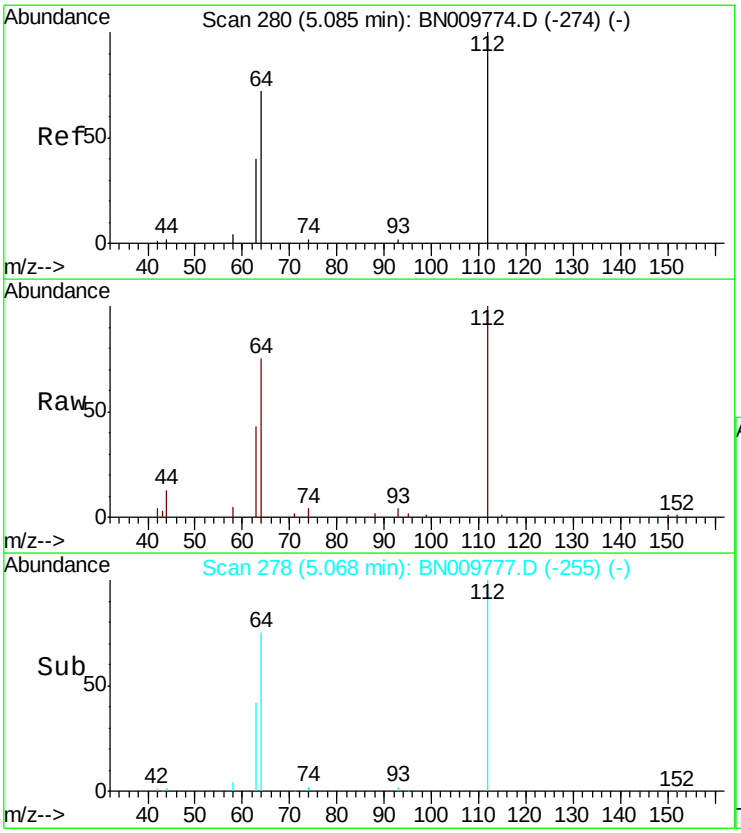
#3
n-Nitrosodimethylamine
Concen: 3.883 ng
RT: 3.40 min Scan# 71
Delta R.T. -0.04 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 6299

Ion	Ratio	Lower	Upper
42	100		
74	69.1	51.2	76.8
44	6.3	2.6	4.0#

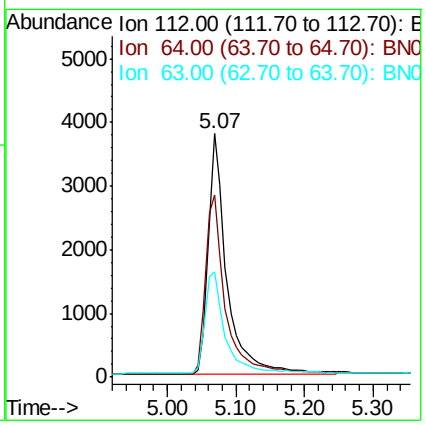


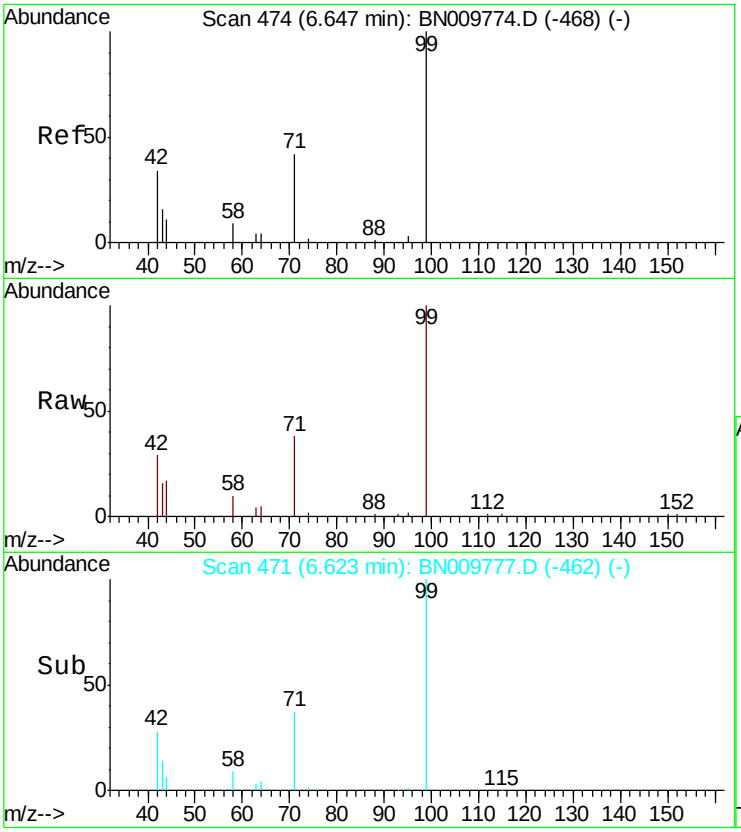


#4
2-Fluorophenol
Concen: 3.176 ng
RT: 5.07 min Scan# 278
Delta R.T. -0.02 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:112 Resp: 7362

Ion	Ratio	Lower	Upper
112	100		
64	78.8	65.8	98.6
63	44.5	38.7	58.1



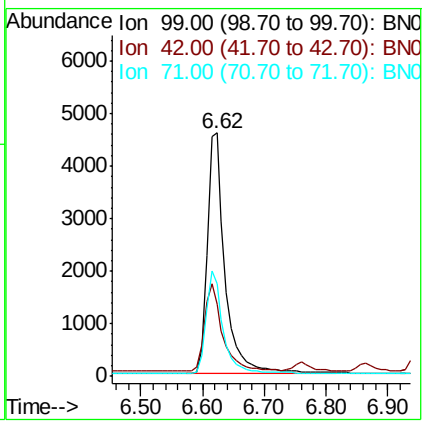


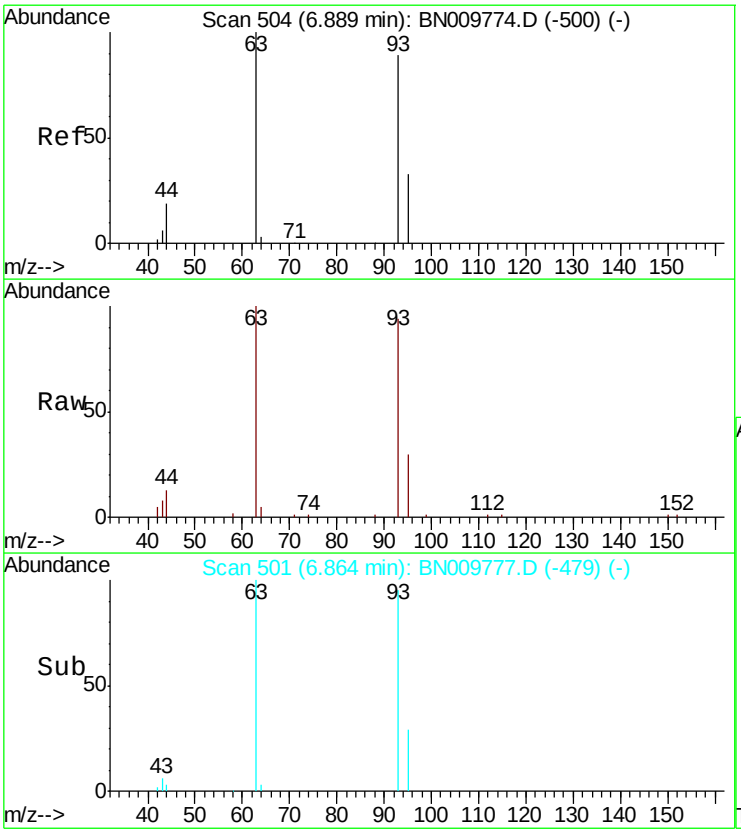
#5
Phenol-d6
Concen: 3.509 ng
RT: 6.62 min Scan# 471
Delta R.T. -0.02 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 9411

Ion	Ratio	Lower	Upper
99	100		
42	35.6	30.8	46.2
71	41.4	34.9	52.3

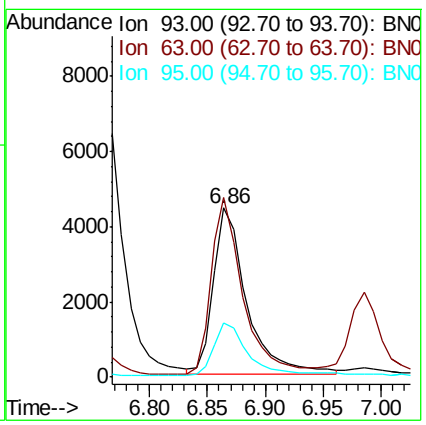


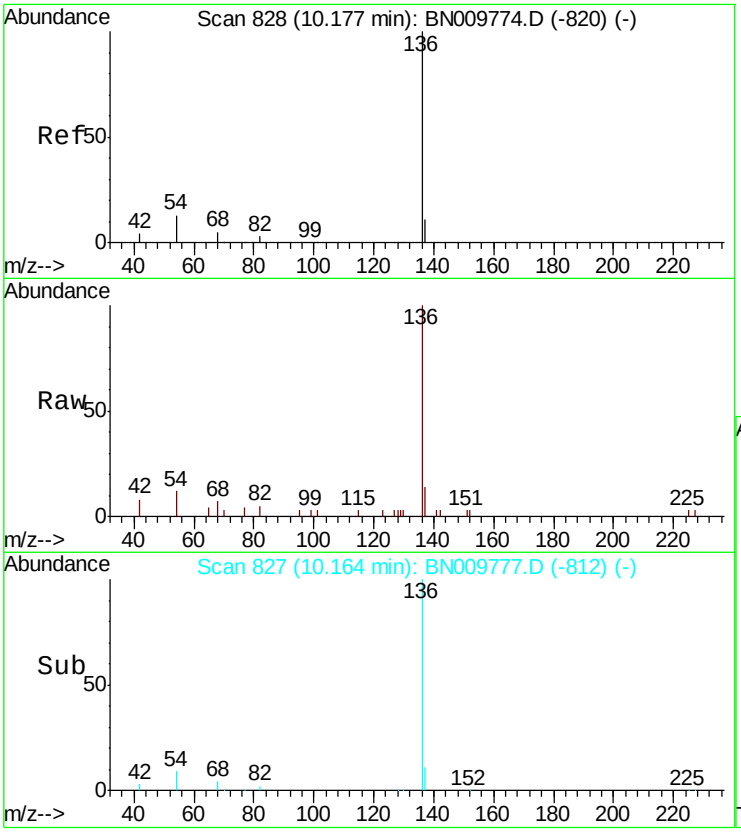


#6
bis(2-Chloroethyl)ether
Concen: 3.228 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.02 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion: 93 Resp: 8910

Ion	Ratio	Lower	Upper
93	100		
63	100.1	74.0	111.0
95	32.9	26.7	40.1



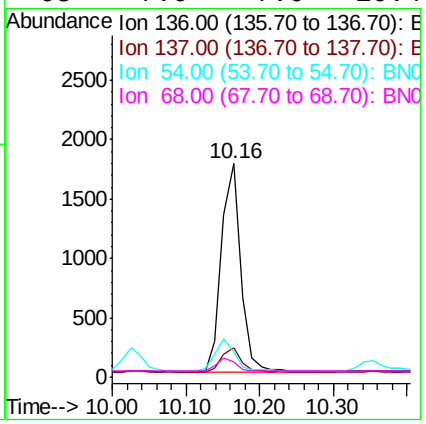


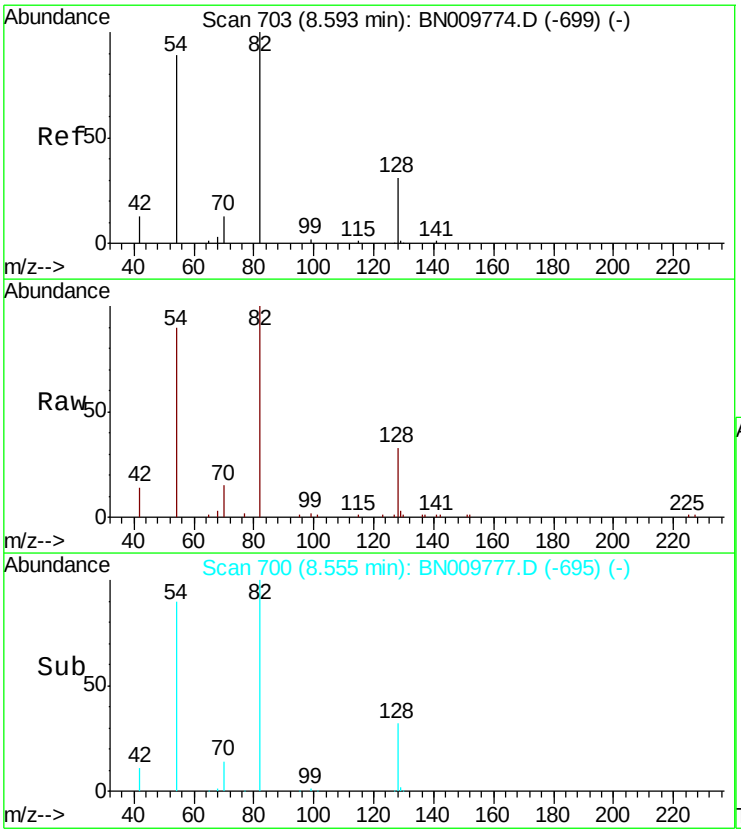
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 3184

Ion	Ratio	Lower	Upper
136	100		
137	13.6	11.3	16.9
54	12.2	13.4	20.2#
68	7.0	7.0	10.4

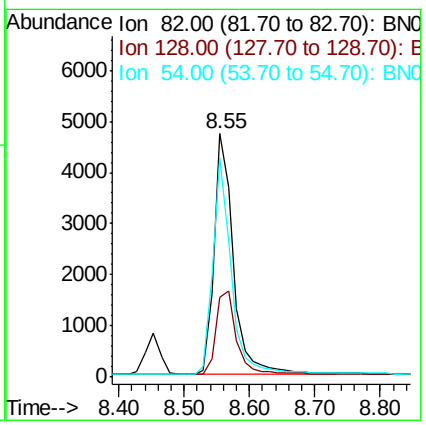


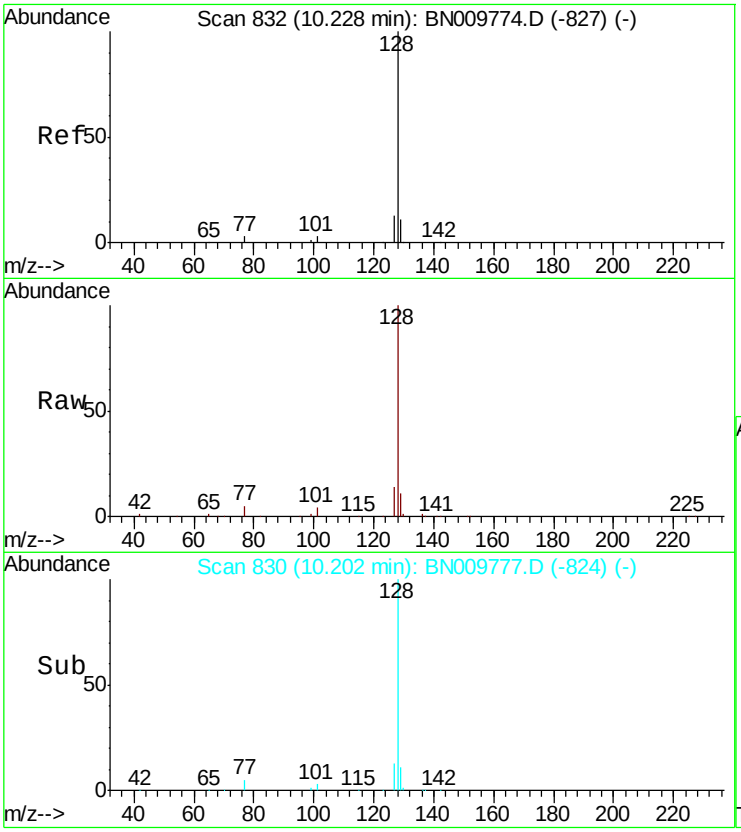


#8
Nitrobenzene-d5
Concen: 3.817 ng
RT: 8.55 min Scan# 700
Delta R.T. -0.04 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion: 82 Resp: 9687

Ion	Ratio	Lower	Upper
82	100		
128	32.7	32.5	48.7
54	90.3	73.5	110.3



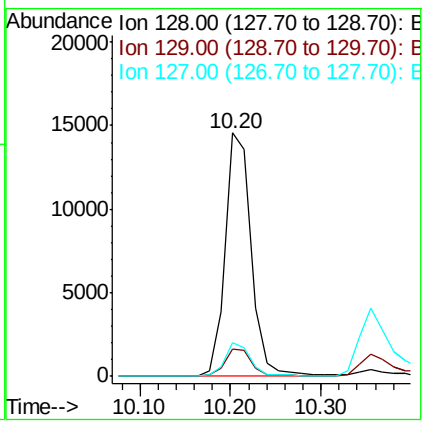


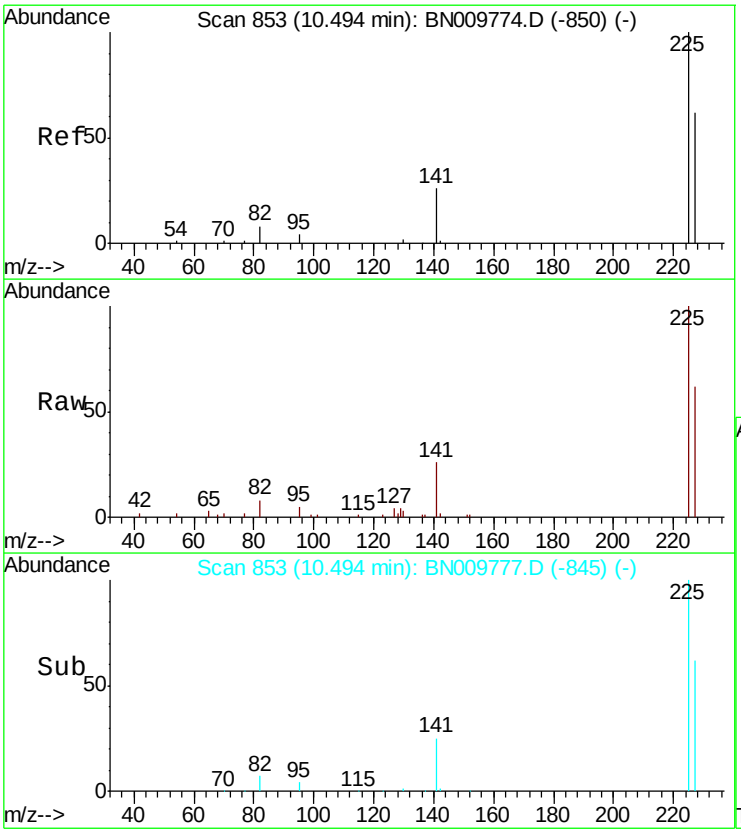
#9
Naphthalene
Concen: 3.328 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.03 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 28677

Ion	Ratio	Lower	Upper
128	100		
129	11.2	11.1	16.7
127	13.7	12.6	19.0

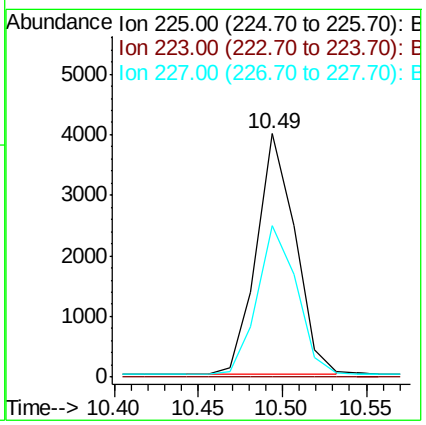


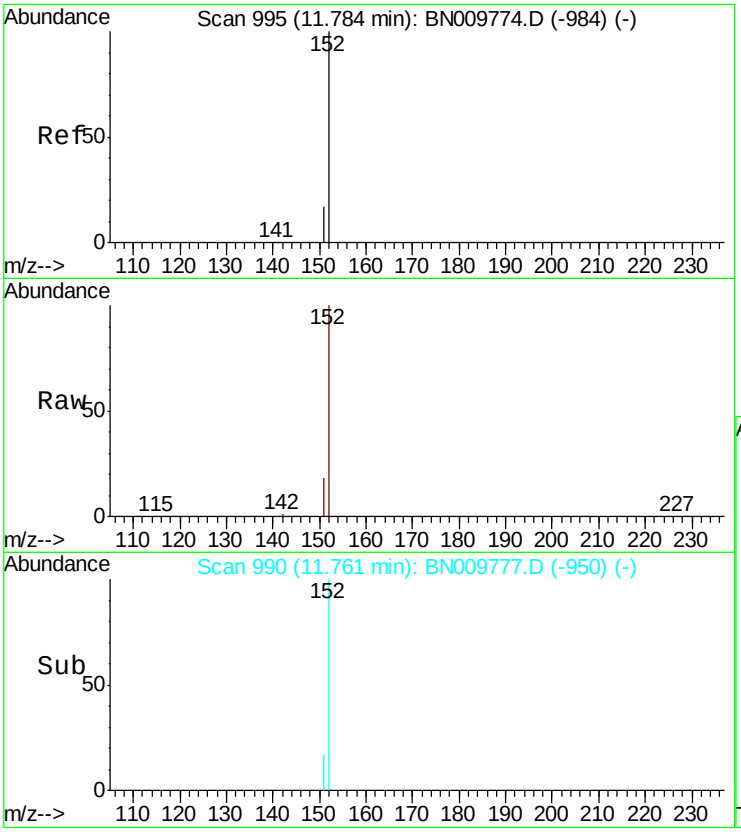


#10
Hexachlorobutadiene
Concen: 3.353 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.00 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:225 Resp: 6335

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	53.4	80.2



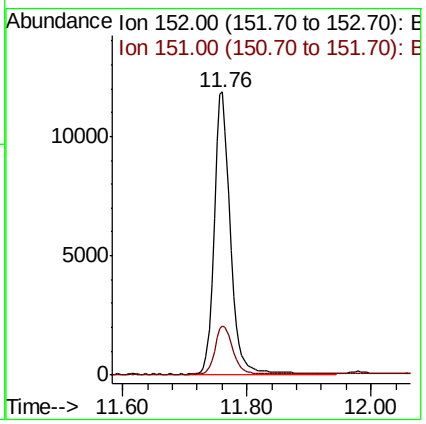


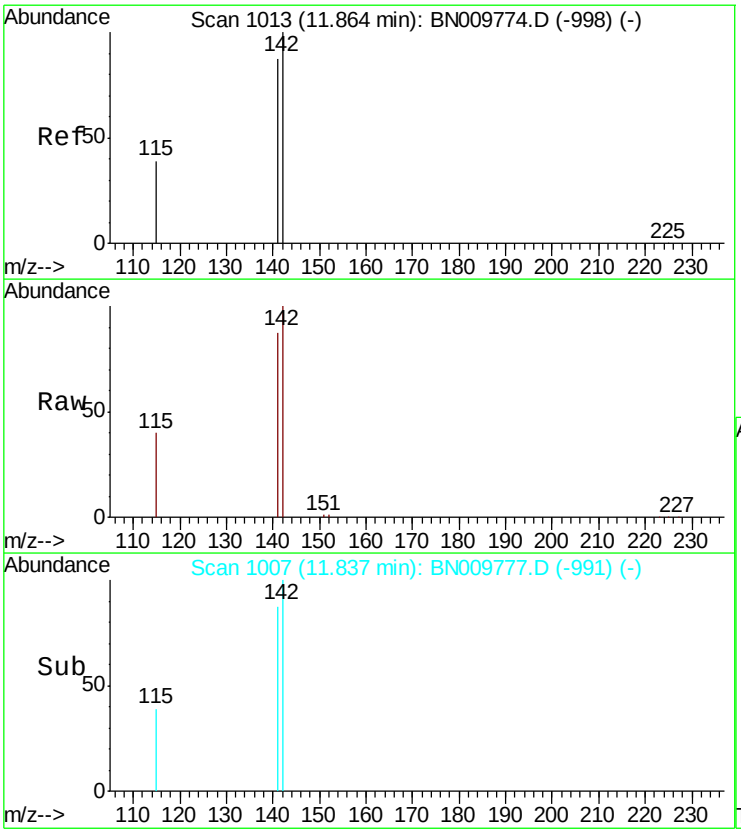
#11
2-Methylnaphthalene-d10
Concen: 3.464 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.02 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 21306

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

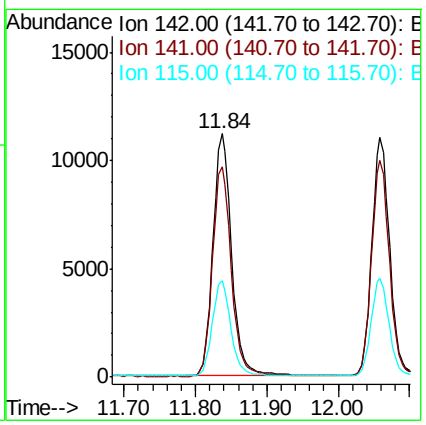


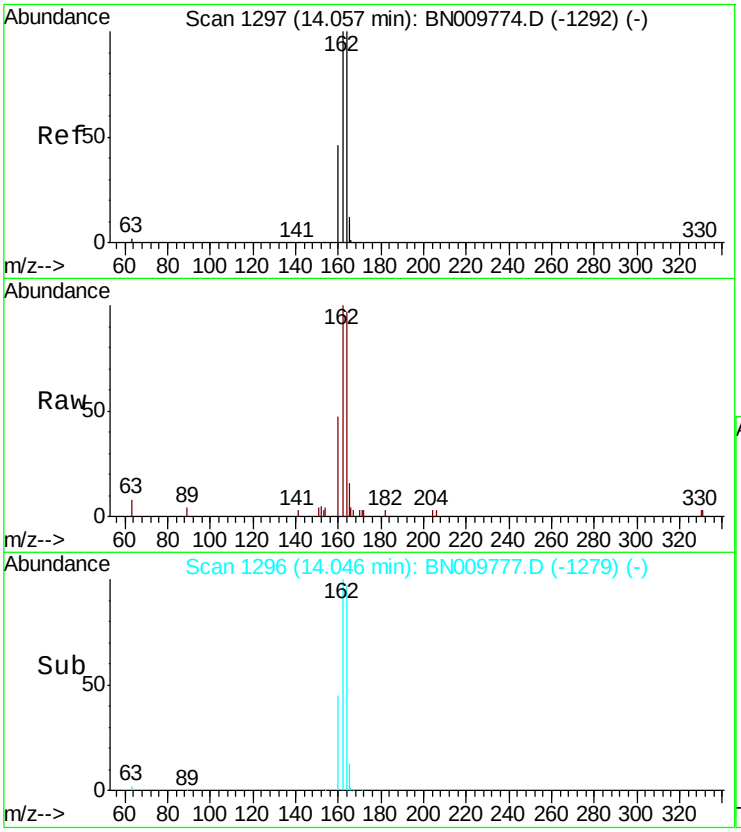


#12
2-Methylnaphthalene
Concen: 3.405 ng
RT: 11.84 min Scan# 1007
Delta R.T. -0.03 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:142 Resp: 20449

Ion	Ratio	Lower	Upper
142	100		
141	86.6	69.8	104.6
115	39.5	34.6	52.0



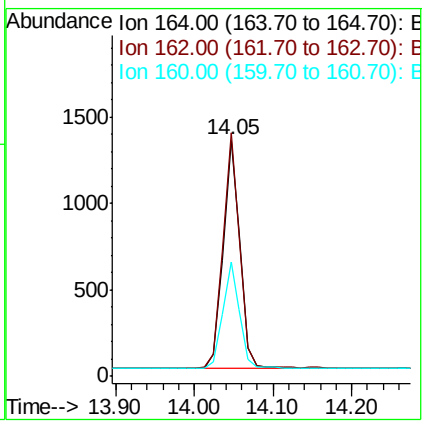


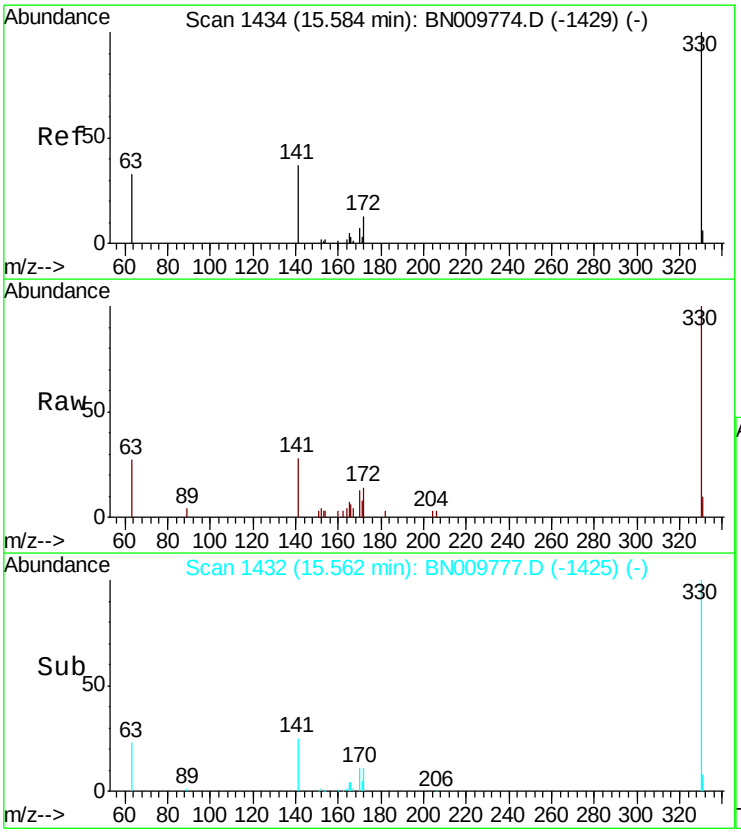
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 1986

Ion	Ratio	Lower	Upper
164	100		
162	102.9	79.9	119.9
160	48.5	38.2	57.2

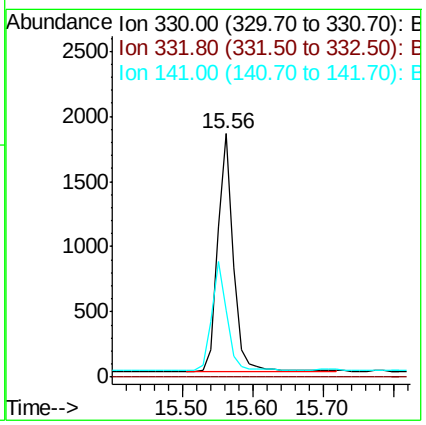


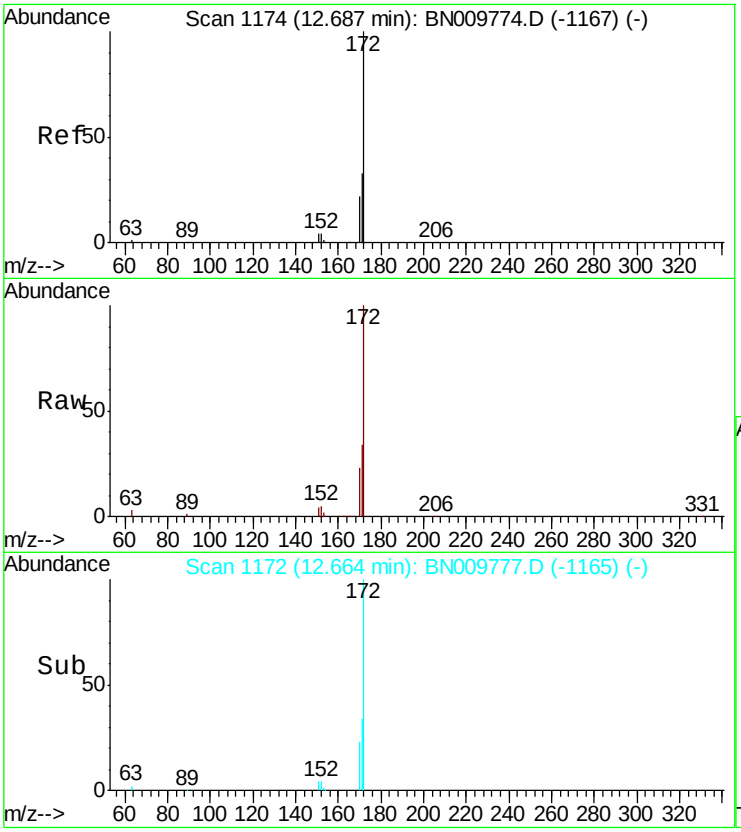


#14
2,4,6-Tribromophenol
Concen: 3.775 ng
RT: 15.56 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:330 Resp: 2835

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.2	36.8	55.2



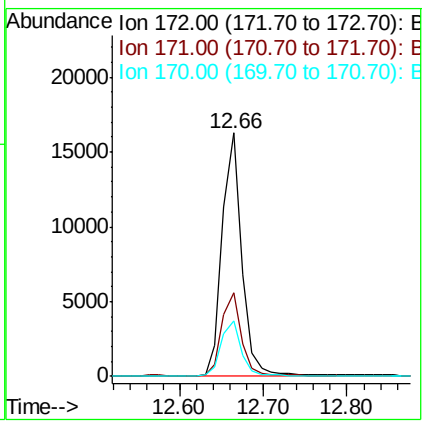


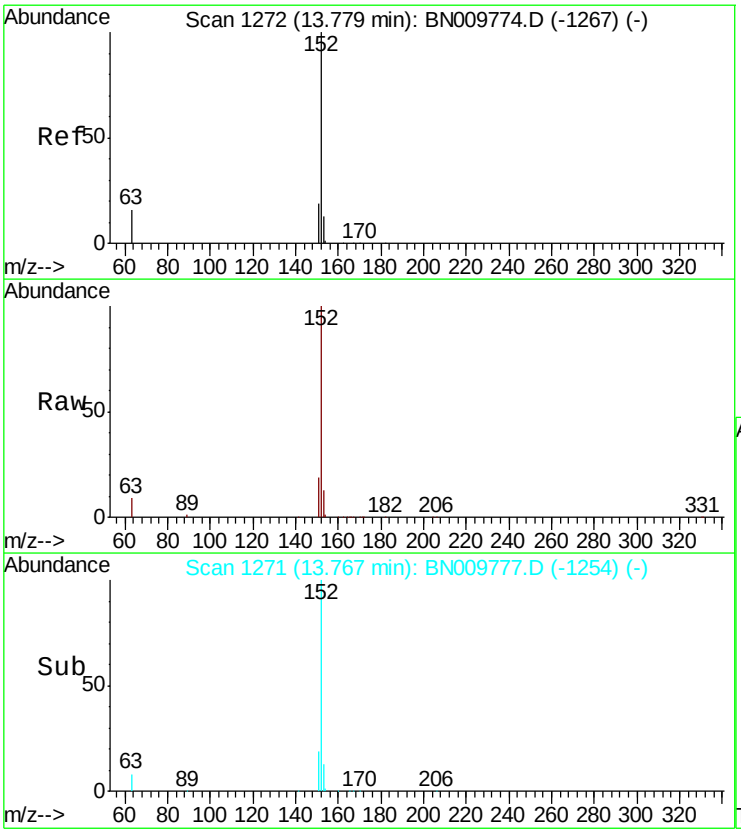
#15
2-Fluorobiphenyl
Concen: 3.528 ng
RT: 12.66 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 26216

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.7	43.1
170	22.8	20.1	30.1

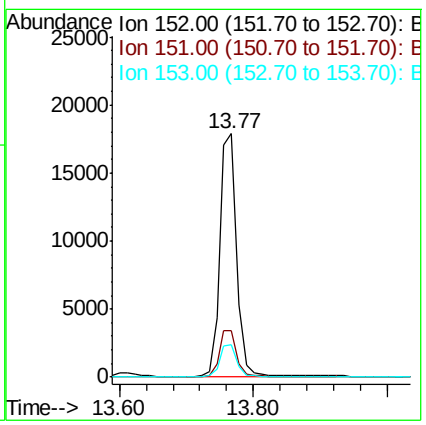


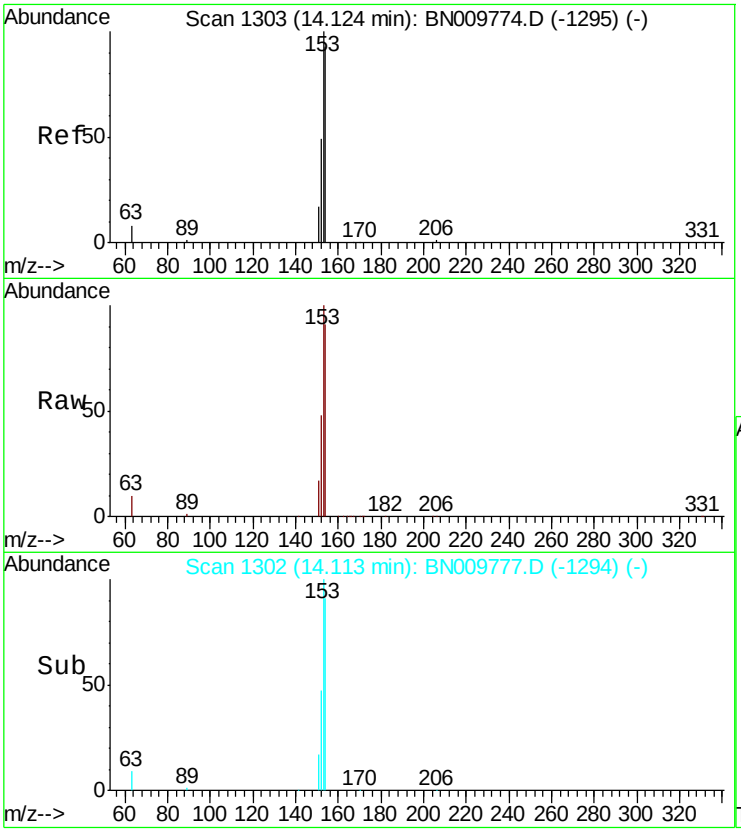


#16
Acenaphthylene
Concen: 3.638 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:152 Resp: 31162

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.6
153	13.1	10.2	15.4



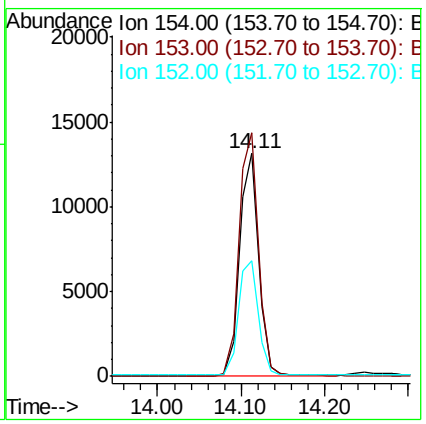


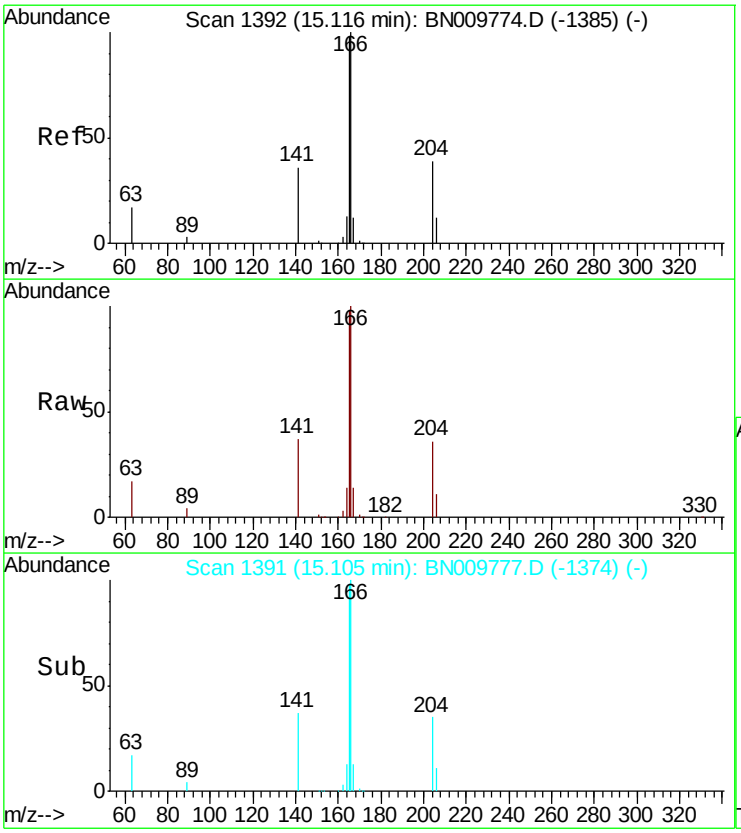
#17
Acenaphthene
Concen: 3.380 ng
RT: 14.11 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 20362

Ion	Ratio	Lower	Upper
154	100		
153	112.4	88.9	133.3
152	54.7	44.2	66.2

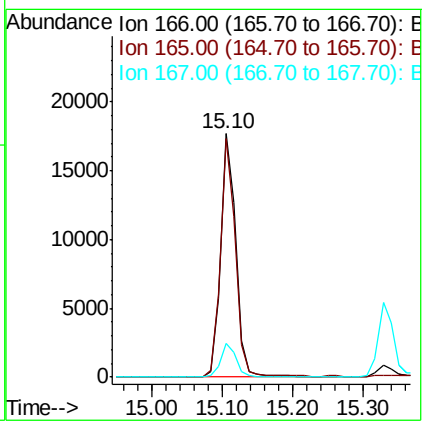


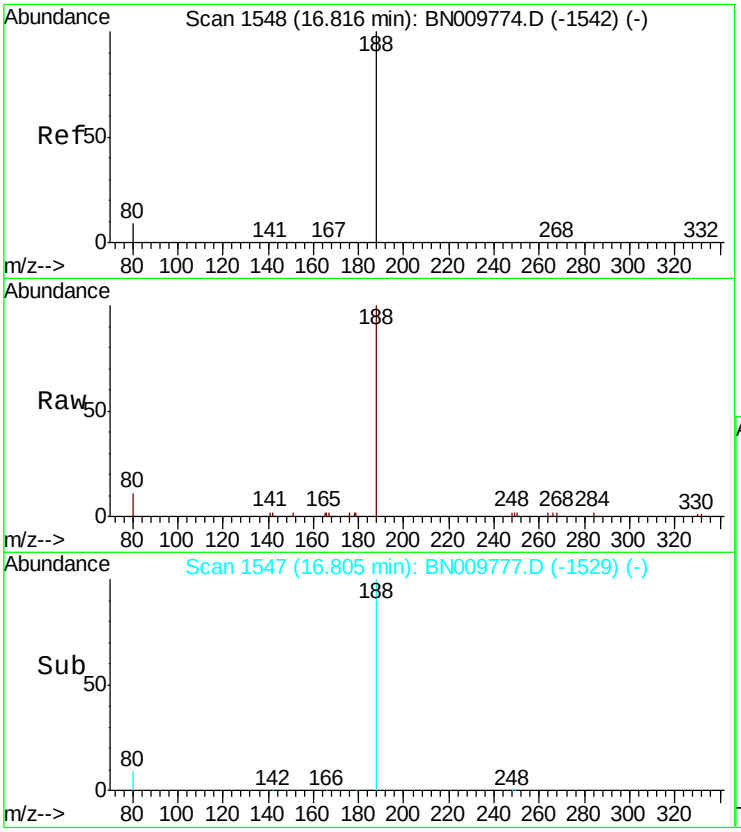


#18
Fluorene
Concen: 3.390 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:166 Resp: 26610

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.2	115.8
167	13.5	10.5	15.7



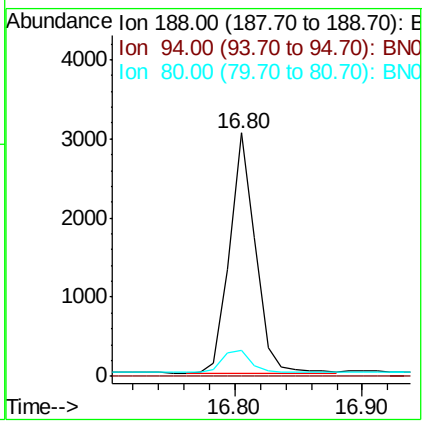


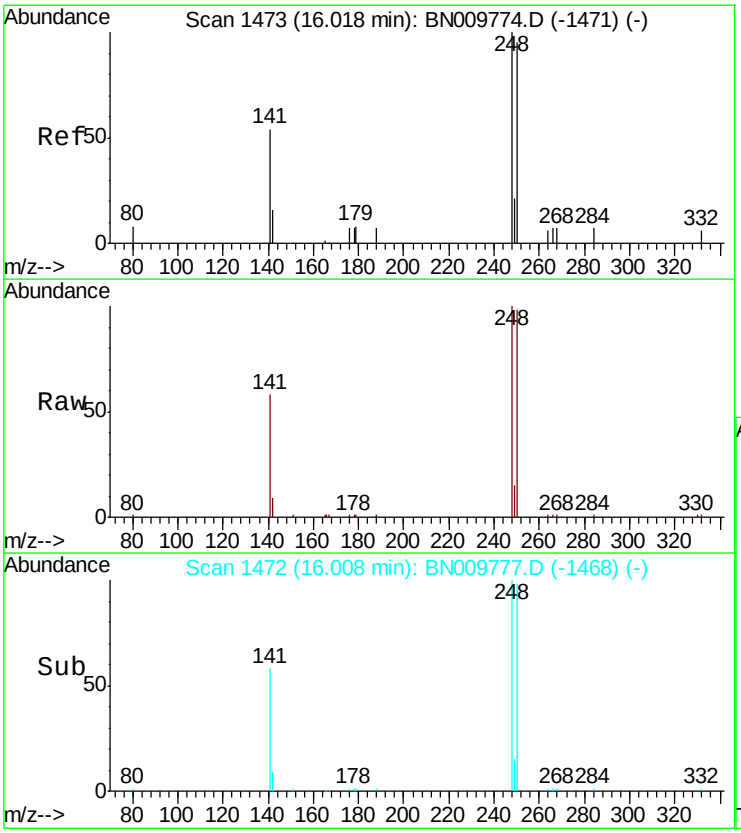
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 4262

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	8.3	12.5

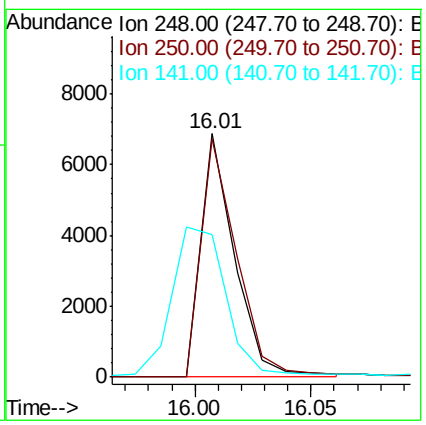


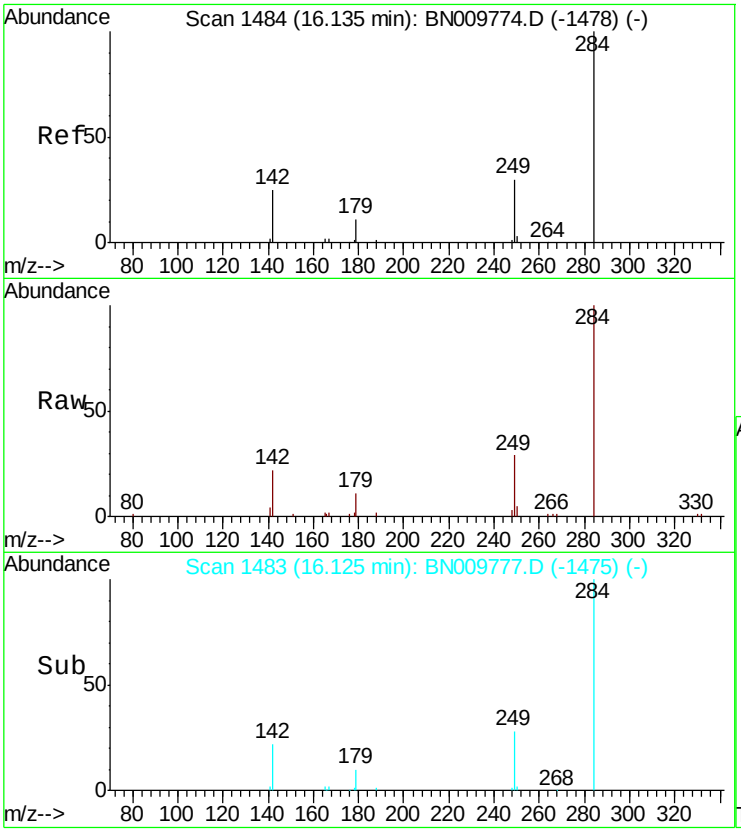


#20
4-Bromophenyl-phenylether
Concen: 2.671 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:248 Resp: 6854

Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.2	114.4
141	58.5	57.8	86.6



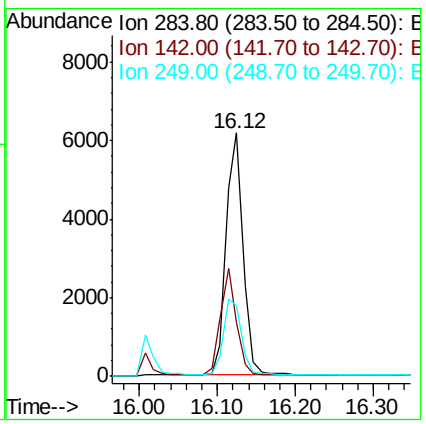


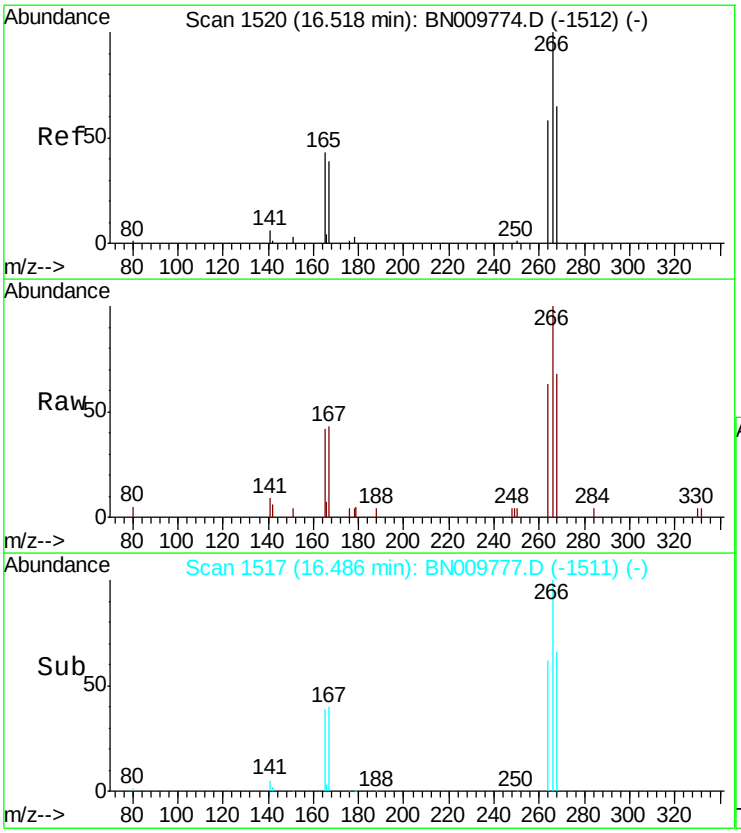
#21
Hexachlorobenzene
Concen: 3.361 ng
RT: 16.12 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 9183

Ion	Ratio	Lower	Upper
284	100		
142	41.0	33.3	49.9
249	32.7	25.7	38.5

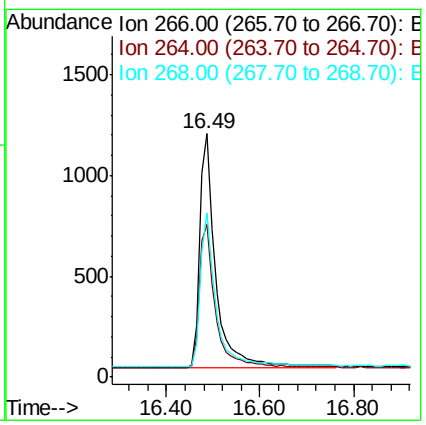


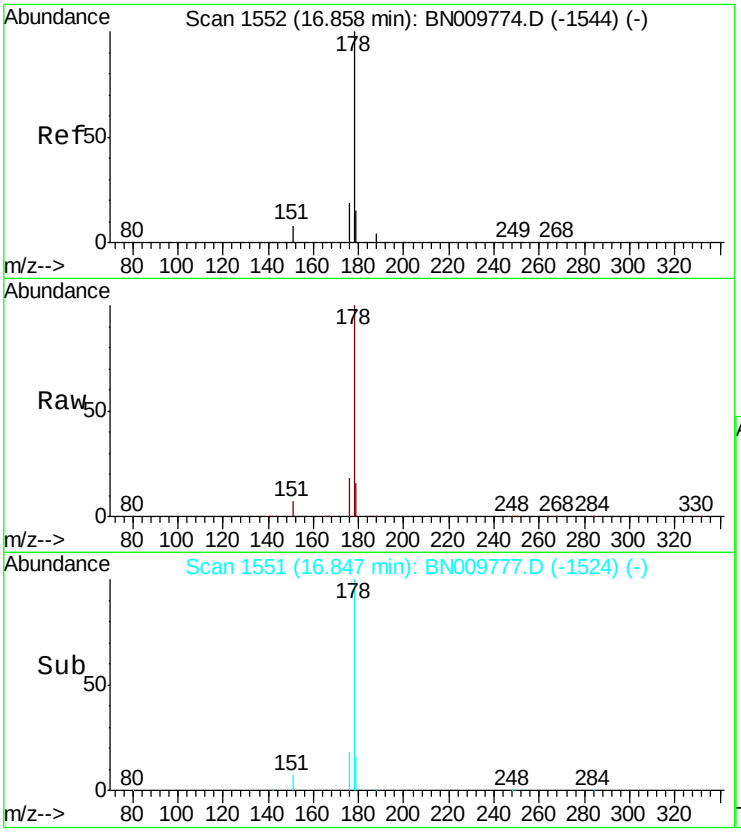


#22
Pentachlorophenol
Concen: 3.569 ng
RT: 16.49 min Scan# 1517
Delta R.T. -0.03 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:266 Resp: 2738

Ion	Ratio	Lower	Upper
266	100		
264	62.9	58.1	87.1
268	67.6	65.7	98.5



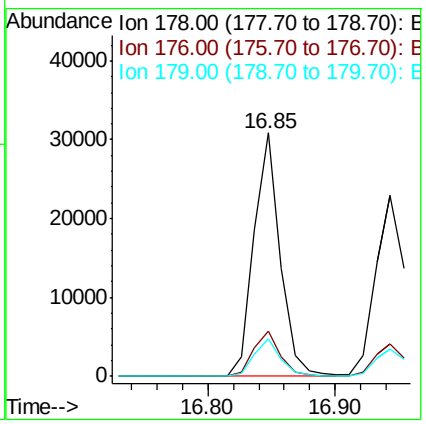


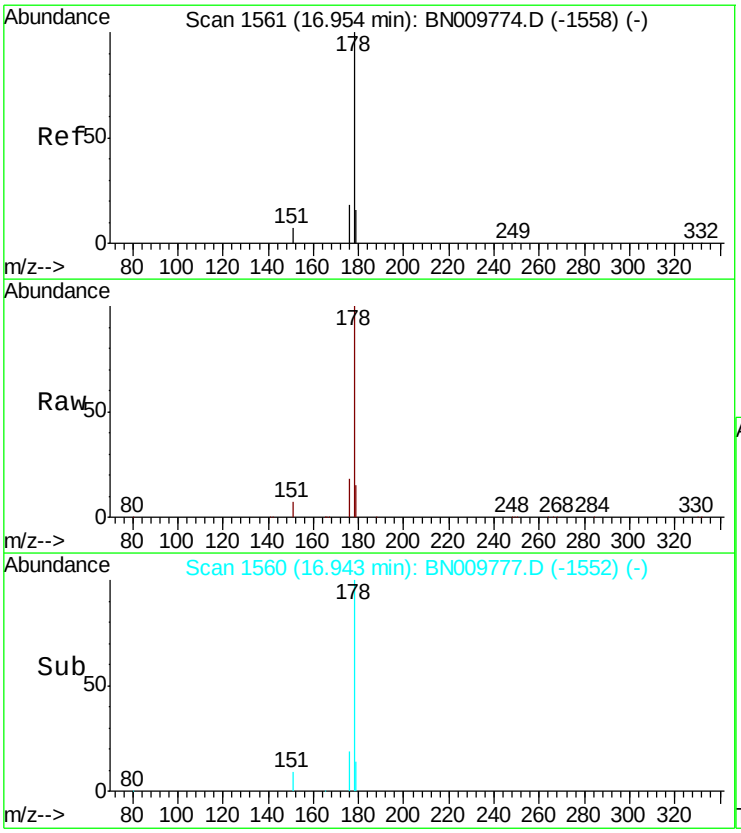
#23
Phenanthrene
Concen: 3.443 ng
RT: 16.85 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 44087

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.4	12.4	18.6

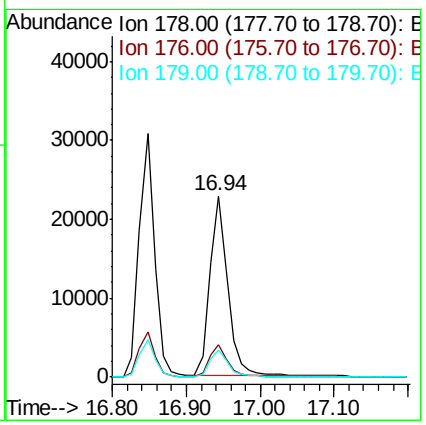


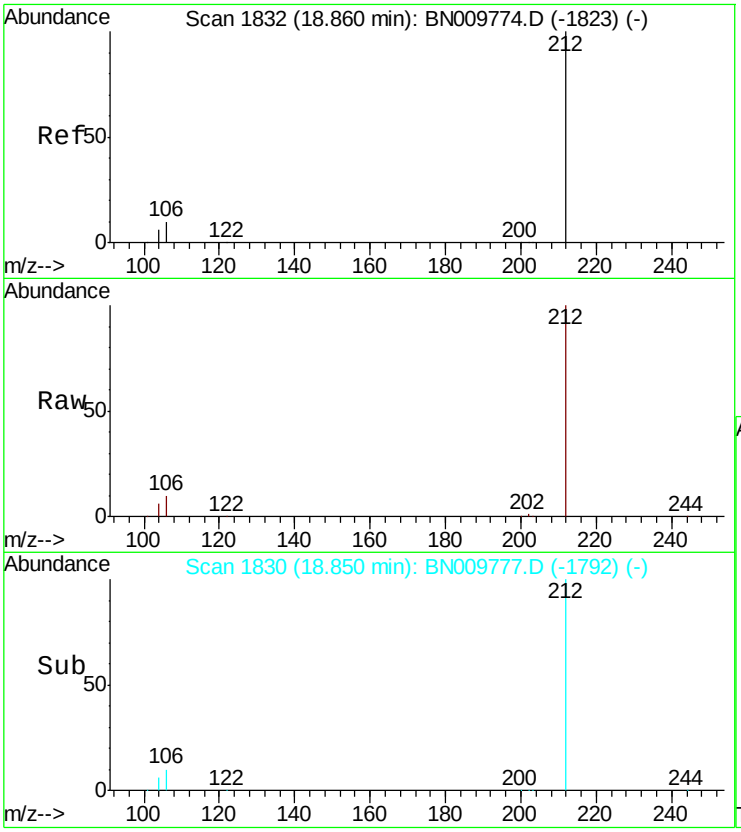


#24
Anthracene
Concen: 3.651 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:178 Resp: 39249

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.3	21.5
179	15.2	12.4	18.6



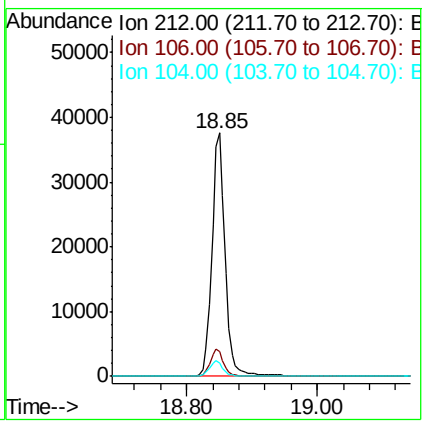


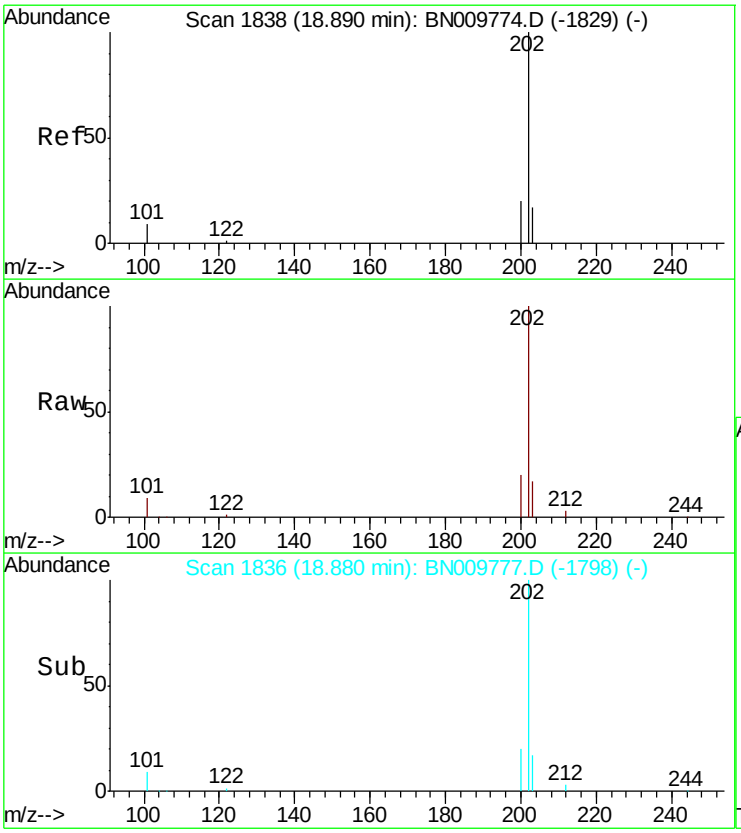
#25
Fluoranthene-d10
Concen: 3.564 ng
RT: 18.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 52083

Ion	Ratio	Lower	Upper
212	100		
106	11.0	8.4	12.6
104	6.4	4.8	7.2

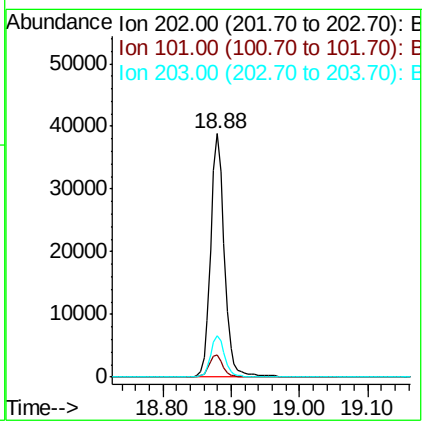


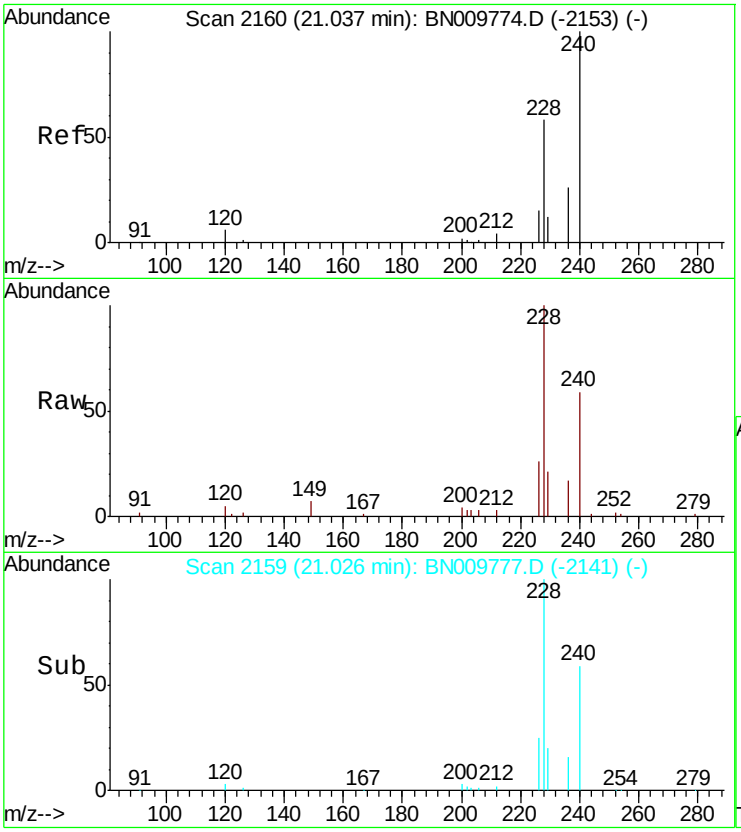


#26
Fluoranthene
Concen: 3.589 ng
RT: 18.88 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:202 Resp: 53911

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.1	10.7
203	17.2	13.8	20.6



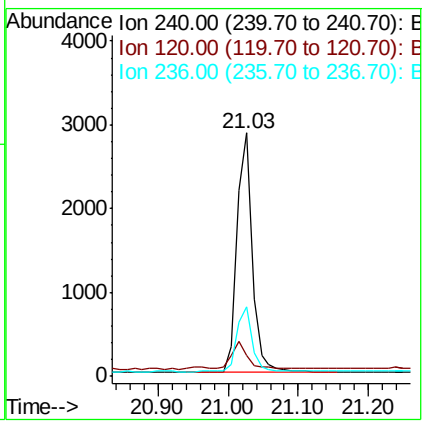


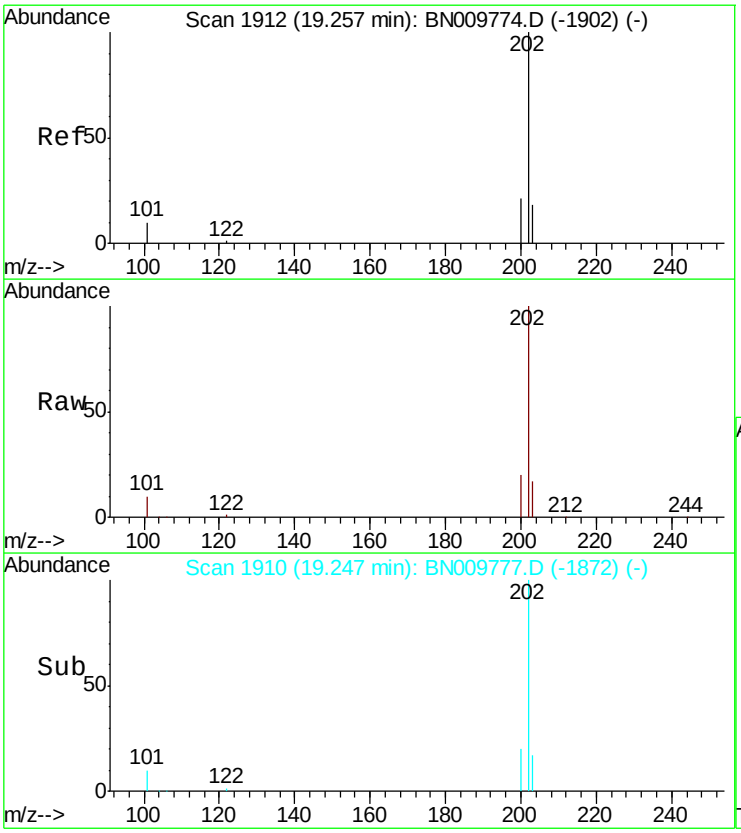
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 4259

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.9	11.9
236	28.3	22.0	33.0

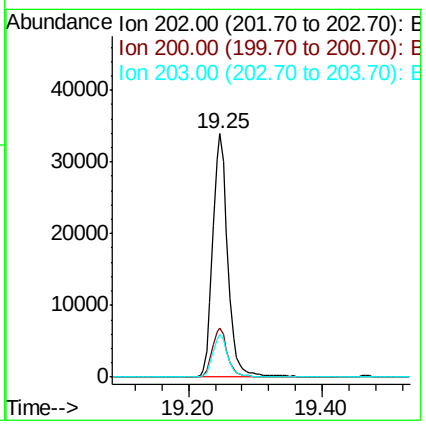


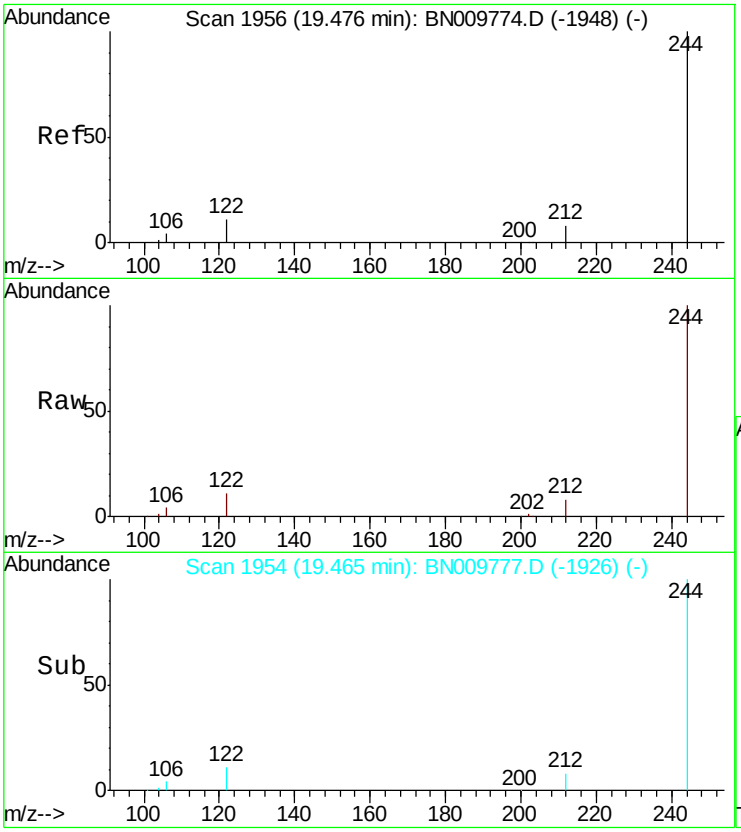


#28
Pyrene
Concen: 3.264 ng
RT: 19.25 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:202 Resp: 52695

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.4	24.6
203	17.4	13.9	20.9



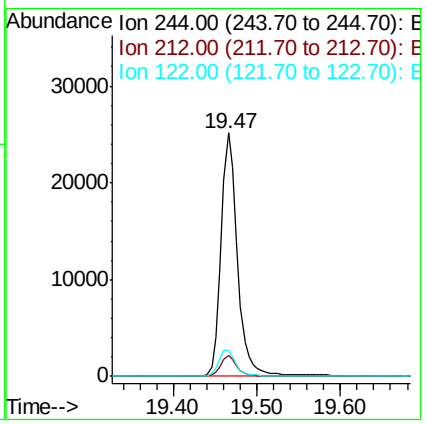


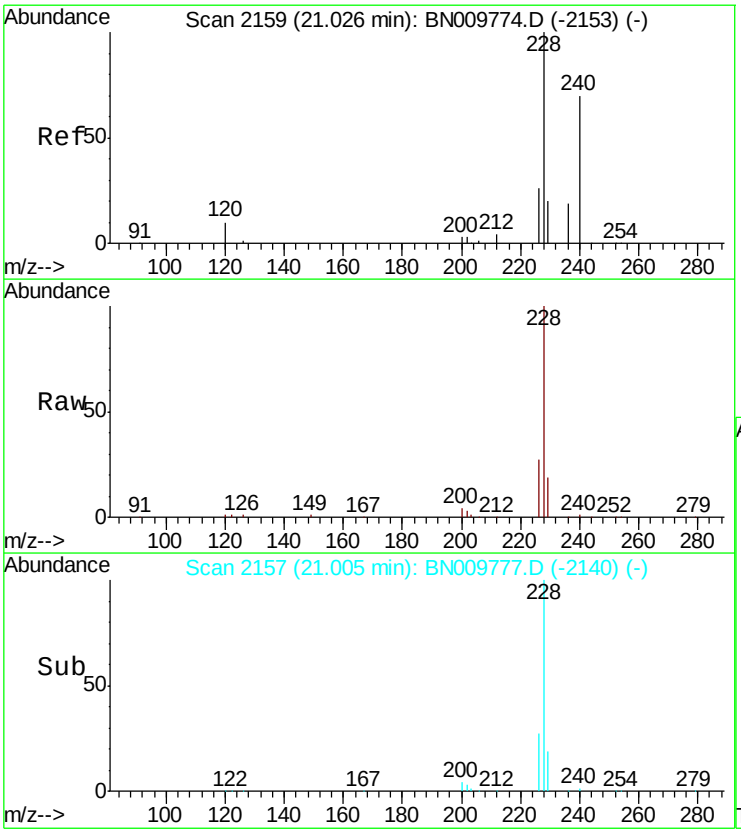
#29
Terphenyl-d14
Concen: 3.372 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 34023

Ion	Ratio	Lower	Upper
244	100		
212	8.4	8.0	12.0
122	10.8	10.0	15.0

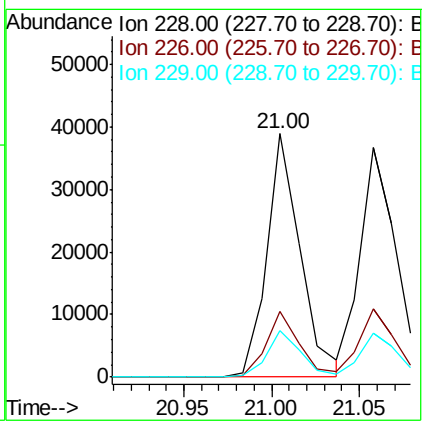


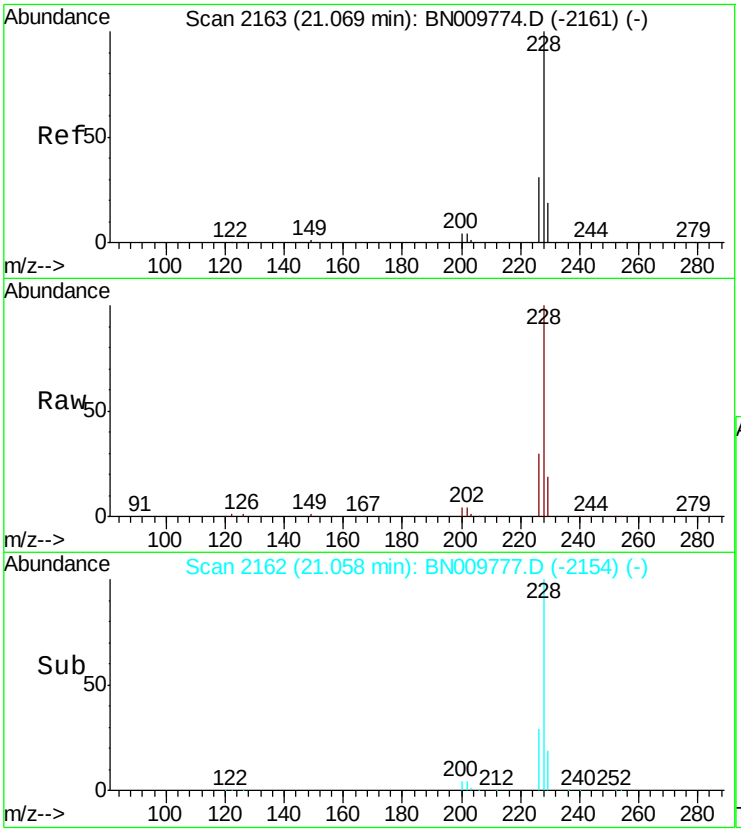


#30
Benzo(a)anthracene
Concen: 3.681 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:228 Resp: 51538

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.8
229	19.2	17.1	25.7



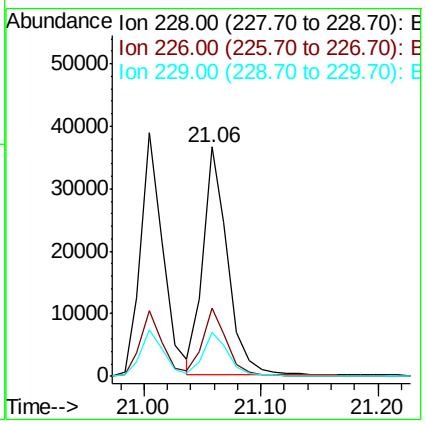


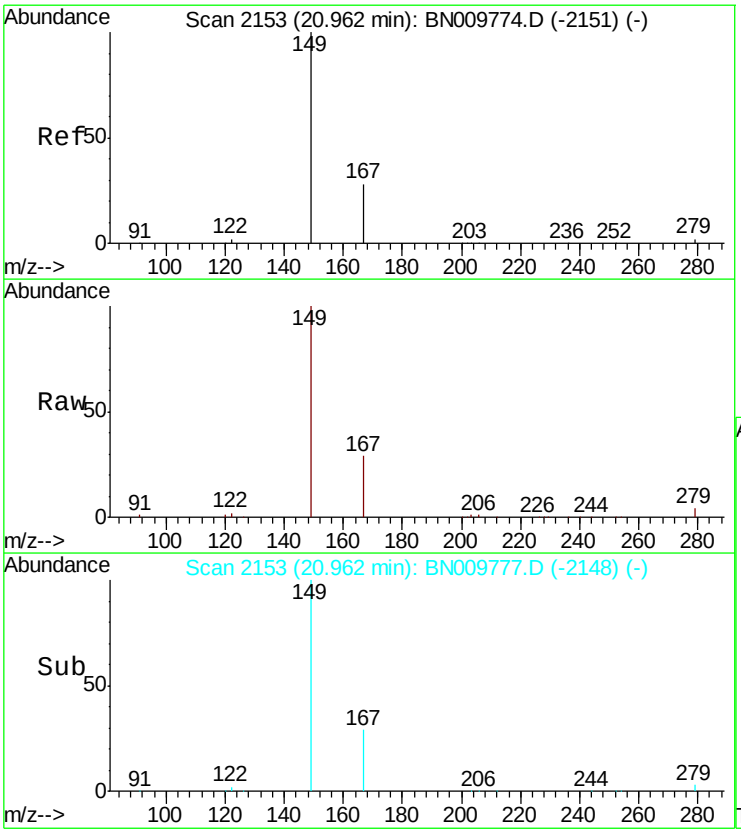
#31
Chrysene
Concen: 3.320 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 53166

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.8	37.2
229	19.1	16.4	24.6

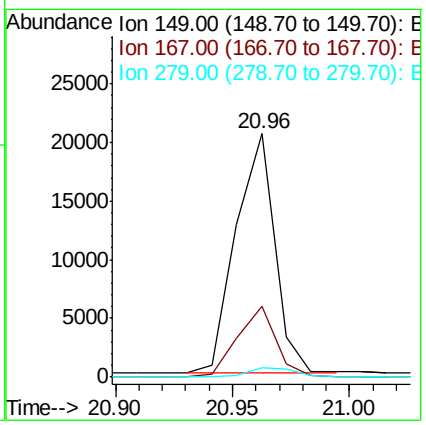


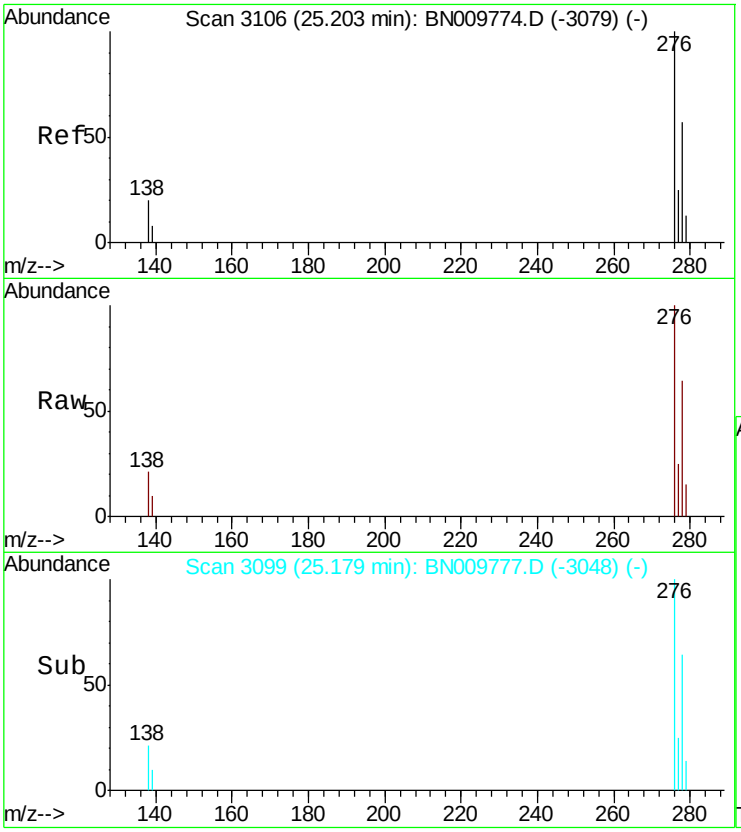


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.826 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:149 Resp: 23689

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.7	34.1
279	3.8	3.1	4.7



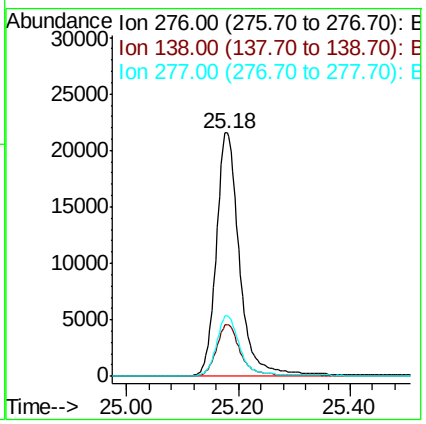


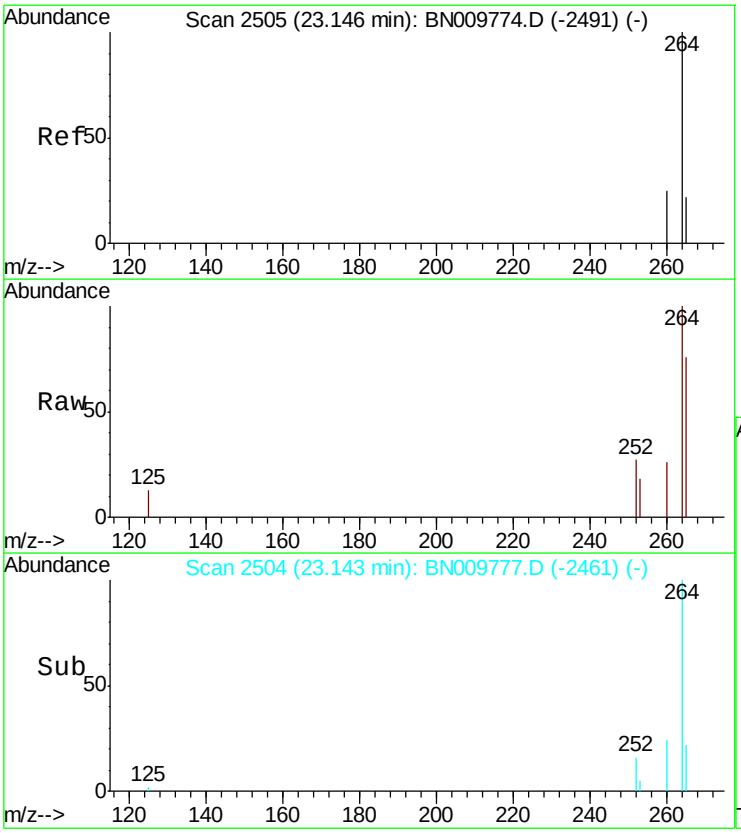
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.698 ng
RT: 25.18 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 61600

Ion	Ratio	Lower	Upper
276	100		
138	21.6	15.8	23.6
277	24.9	19.3	28.9

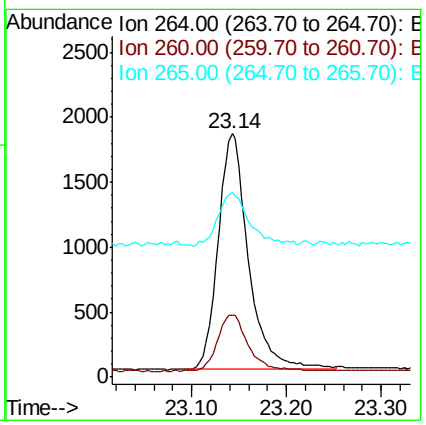


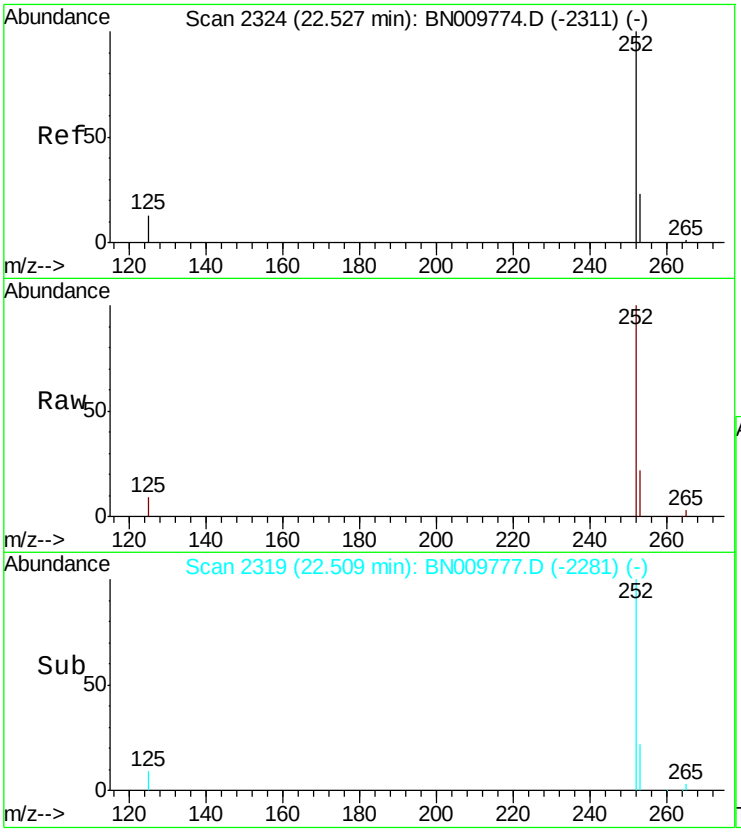


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:264 Resp: 4052

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.1	31.7
265	76.1	57.5	86.3



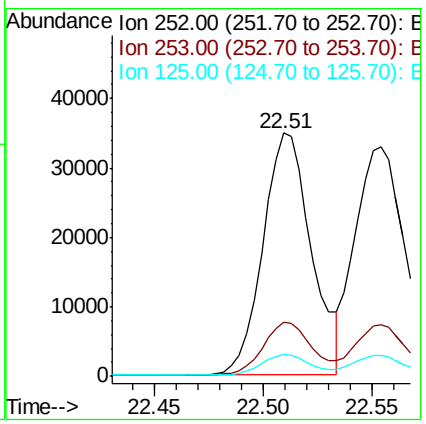


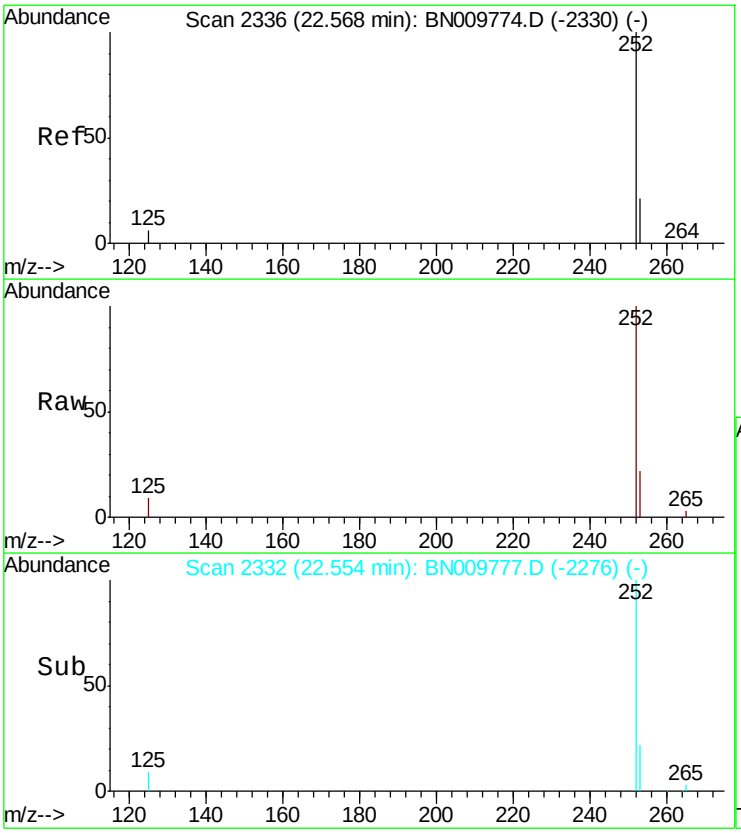
#35
Benzo(b)fluoranthene
Concen: 3.627 ng
RT: 22.51 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 54062

Ion	Ratio	Lower	Upper
252	100		
253	22.0	23.0	34.6#
125	9.0	14.4	21.6#

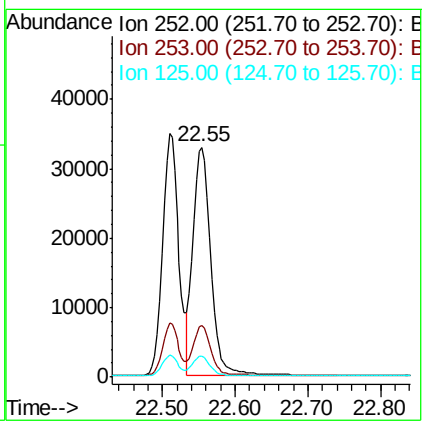


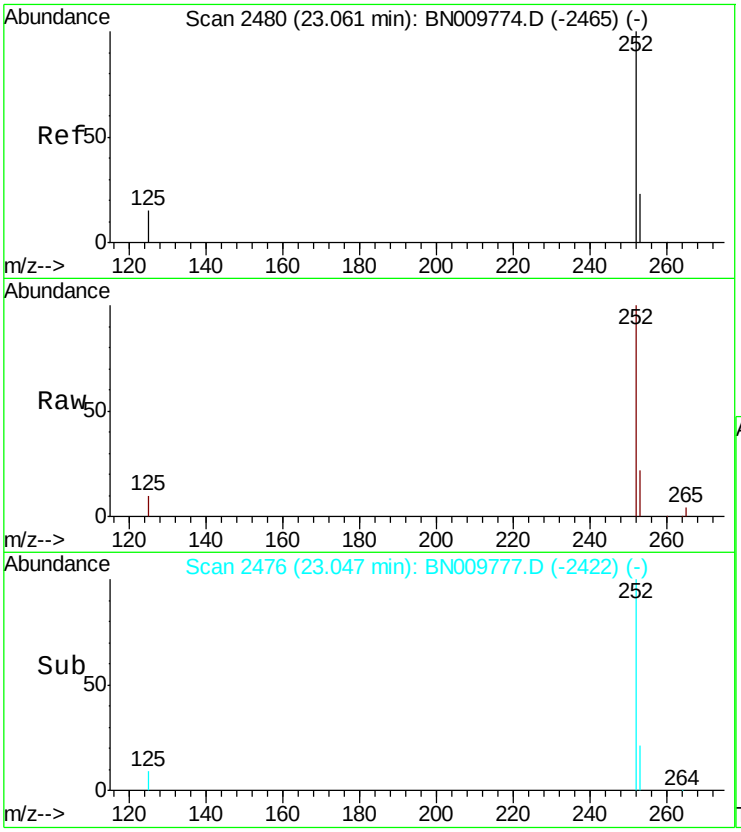


#36
Benzo(k)fluoranthene
Concen: 3.357 ng
RT: 22.55 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:252 Resp: 55219

Ion	Ratio	Lower	Upper
252	100		
253	22.2	22.2	33.2
125	8.9	10.5	15.7#



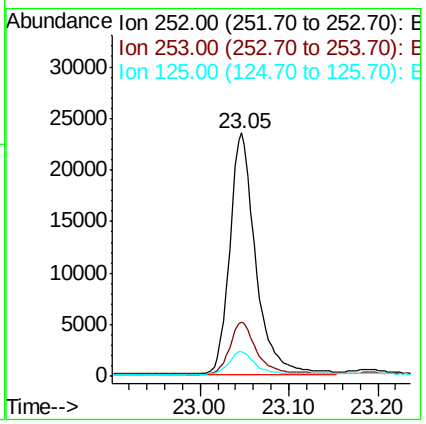


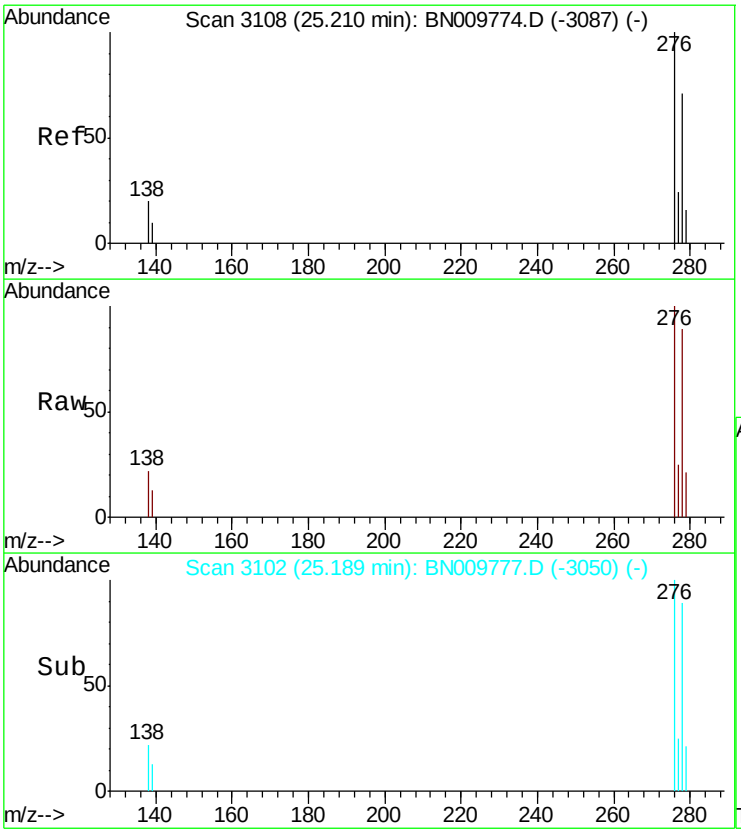
#37
Benzo(a)pyrene
Concen: 3.618 ng
RT: 23.05 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 47470

Ion	Ratio	Lower	Upper
252	100		
253	22.4	25.3	37.9#
125	10.3	17.7	26.5#

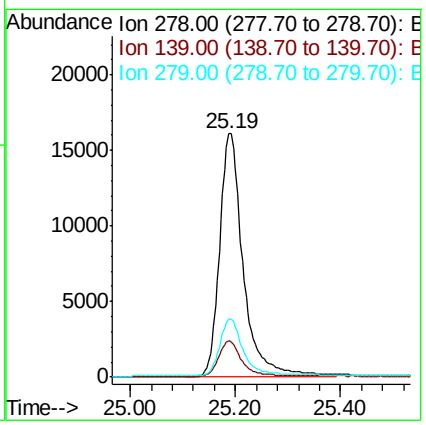


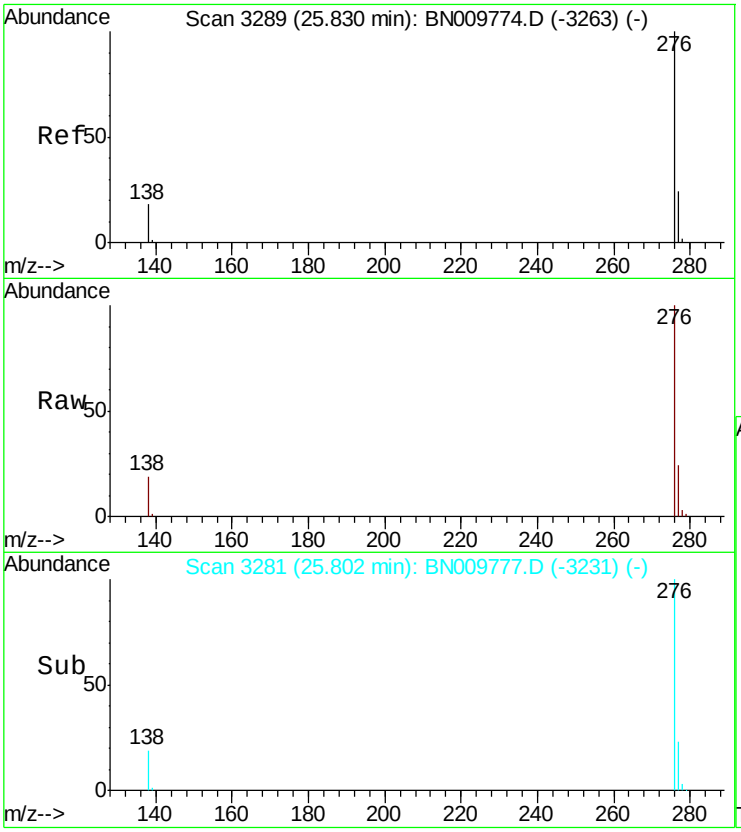


#38
Dibenzo(a,h)anthracene
Concen: 3.795 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Tgt Ion:278 Resp: 50087

Ion	Ratio	Lower	Upper
278	100		
139	14.9	14.5	21.7
279	24.0	24.3	36.5#





#39
Benzo(g,h,i)perylene
Concen: 3.509 ng
RT: 25.80 min Scan# 3281
Delta R.T. -0.03 min
Lab File: BN009777.D
Acq: 19 Feb 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 50949

Ion	Ratio	Lower	Upper
276	100		
277	23.8	21.4	32.0
138	19.0	16.6	24.8