Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
Data File : BN009783.D
Acq On : 19 Feb 2020 18:34
Operator : CG/JU
Sample : L1468-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 20 04:23:39 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	7.42	152	1388	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	5141	0.40	ng		-0.03
13) Acenaphthene-d10	14.05	164	3414	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	7470	0.40	ng		-0.01
27) Chrysene-d12	21.02	240	7681	0.40	ng		-0.02
34) Perylene-d12	23.12	264	7224	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.08	112	1418	0.46	ng		0.00
5) Phenol-d6	6.63	99	1852	0.49	ng		-0.02
8) Nitrobenzene-d5	8.57	82	1858	0.43	ng		-0.03
11) 2-Methylnaphthalene-d10	11.75	152	3819	0.38	ng		-0.03
14) 2,4,6-Tribromophenol	15.55	330	663	0.50	ng		-0.03
15) 2-Fluorobiphenyl	12.66	172	5422	0.42	ng		-0.02
25) Fluoranthene-d10	18.84	212	7713	0.30	ng		-0.02
29) Terphenyl-d14	19.46	244	7256	0.40	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	521	0.366	ng	#	69
3) n-Nitrosodimethylamine	3.40	42	847	0.363	ng	#	66
6) bis(2-Chloroethyl)ether	6.87	93	1545	0.423	ng		99
9) Naphthalene	10.20	128	207279	14.783	ng	#	93
10) Hexachlorobutadiene	10.49	225	987	0.320	ng	#	97
12) 2-Methylnaphthalene	11.83	142	73821	7.679	ng		96
16) Acenaphthylene	13.76	152	25512	1.753	ng	#	97
17) Acenaphthene	14.10	154	87205	8.521	ng		98
18) Fluorene	15.10	166	69128	5.119	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	1272	0.192	ng		92
21) Hexachlorobenzene	16.12	284	1688	0.363	ng		98
22) Pentachlorophenol	16.48	266	828	0.710	ng		89
23) Phenanthrene	16.84	178	357159	16.065	ng		99
24) Anthracene	16.93	178	102229	5.440	ng		96
26) Fluoranthene	18.87	202	615235	23.112	ng		99
28) Pyrene	19.24	202	506411	17.363	ng	#	95
30) Benzo(a)anthracene	21.00	228	326560	12.811	ng		99
31) Chrysene	21.06	228	258502	8.766	ng		95
32) Bis(2-ethylhexyl)phthalate	20.96	149	6971	0.560	ng		98
33) Indeno(1,2,3-cd)pyrene	25.17	276	90928	2.961	ng		98
35) Benzo(b)fluoranthene	22.51	252	256707	9.720	ng	#	86
36) Benzo(k)fluoranthene	22.67	252	38194	1.328	ng		99
37) Benzo(a)pyrene	23.03	252	177672	7.373	ng	#	80
38) Dibenzo(a,h)anthracene	25.17	278	33167	1.398	ng		96
39) Benzo(g,h,i)perylene	25.79	276	80138	3.171	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
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Acq On : 19 Feb 2020 18:34
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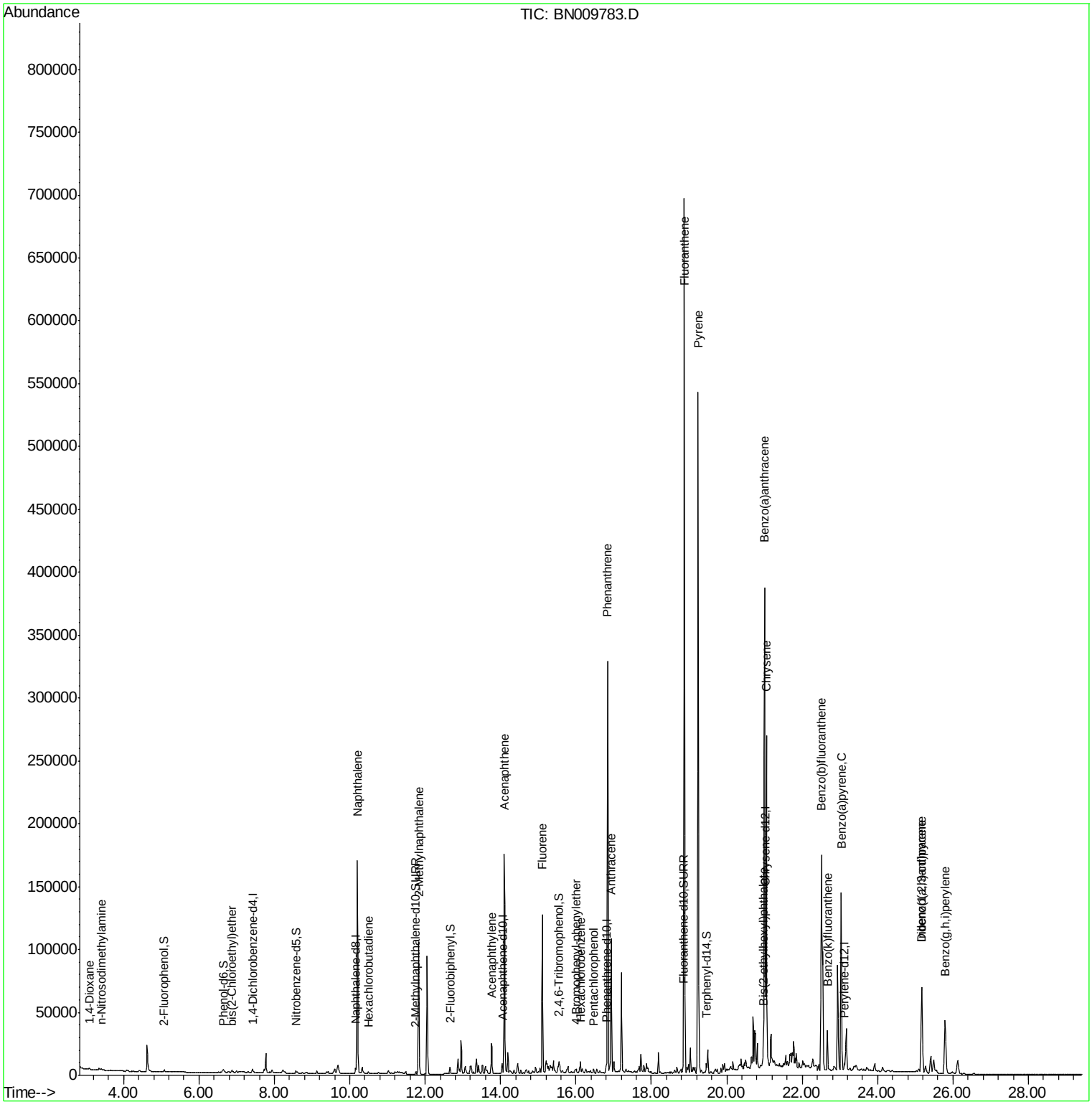
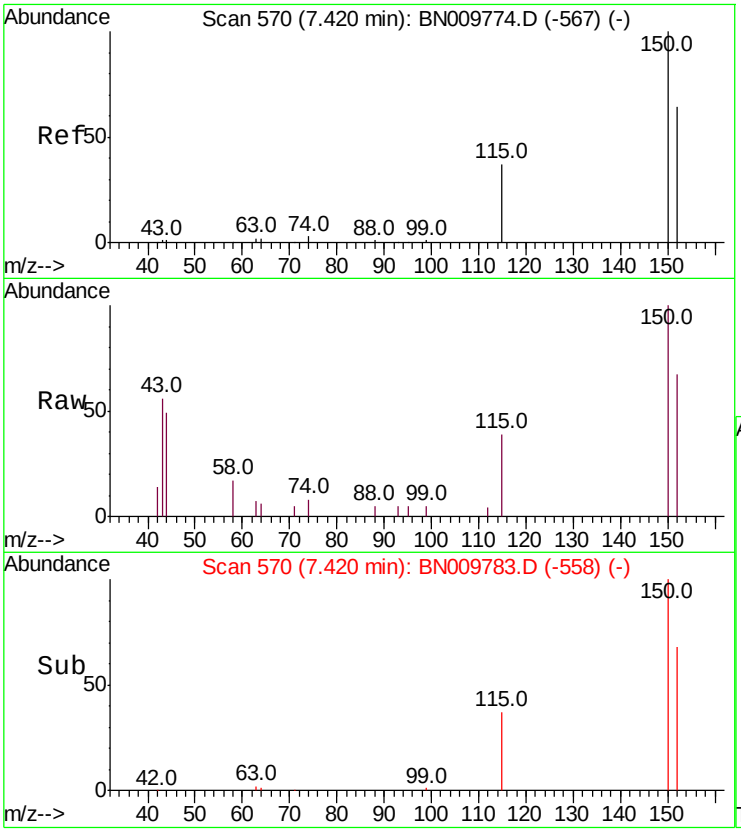
Sample : L1468-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 20 04:23:39 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



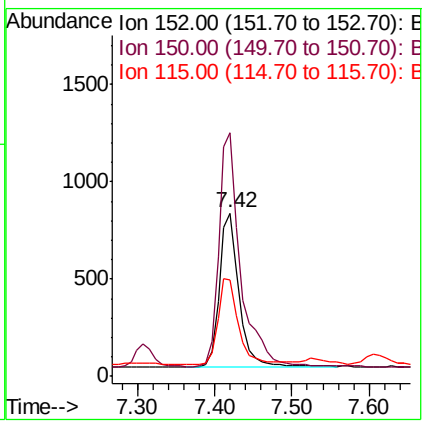


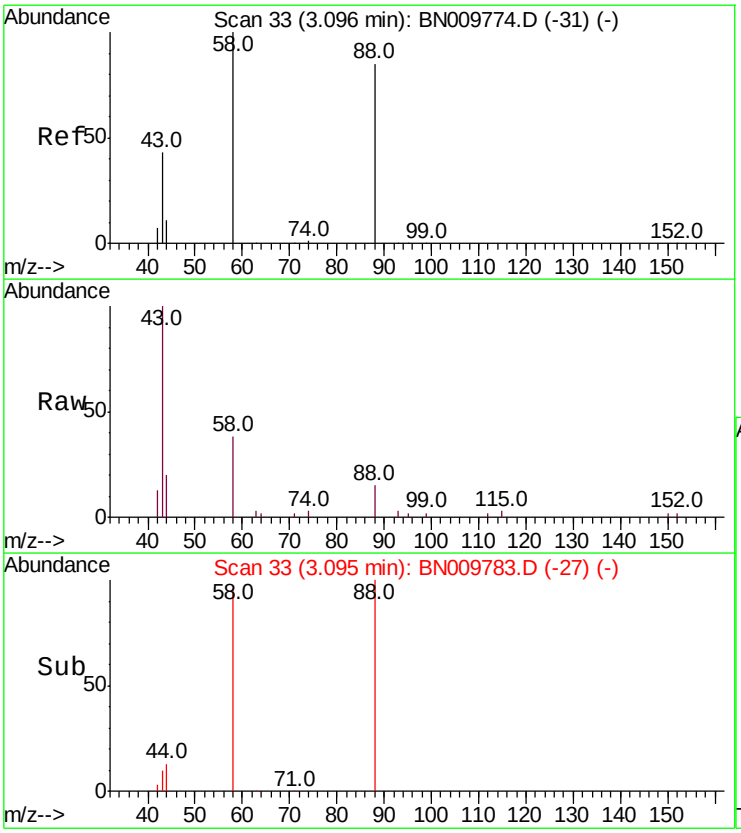
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 570
Delta R.T. -0.00 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1388

Ion	Ratio	Lower	Upper
152	100		
150	149.4	120.6	181.0
115	58.8	51.2	76.8

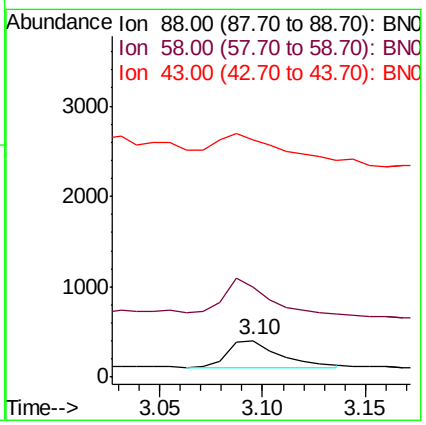


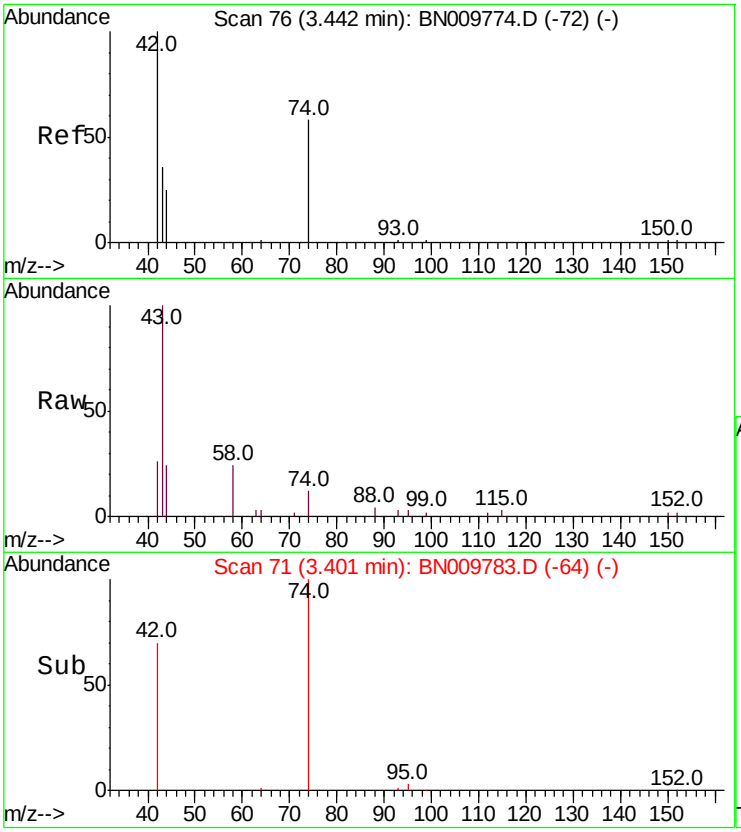


#2
1,4-Dioxane
Concen: 0.366 ng
RT: 3.10 min Scan# 33
Delta R.T. -0.00 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion: 88 Resp: 521

Ion	Ratio	Lower	Upper
88	100		
58	106.1	97.8	146.8
43	105.6	45.1	67.7#



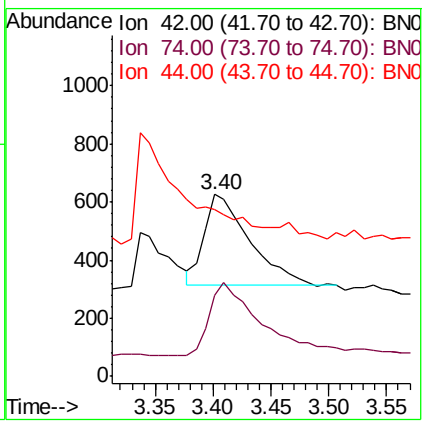


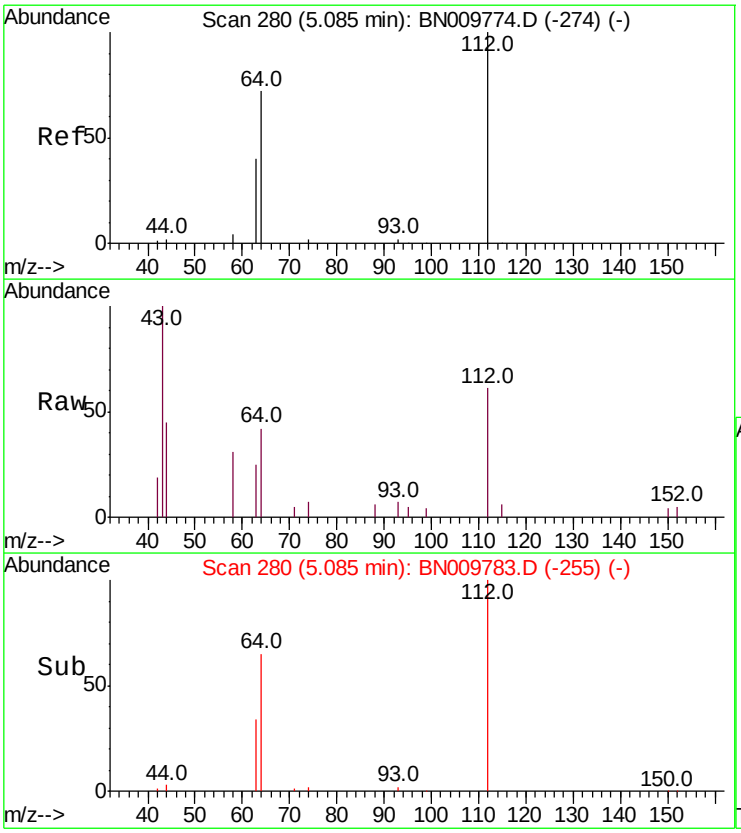
#3
n-Nitrosodimethylamine
Concen: 0.363 ng
RT: 3.40 min Scan# 71
Delta R.T. -0.04 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 847

Ion	Ratio	Lower	Upper
42	100		
74	91.3	51.2	76.8#
44	0.0	2.6	4.0#

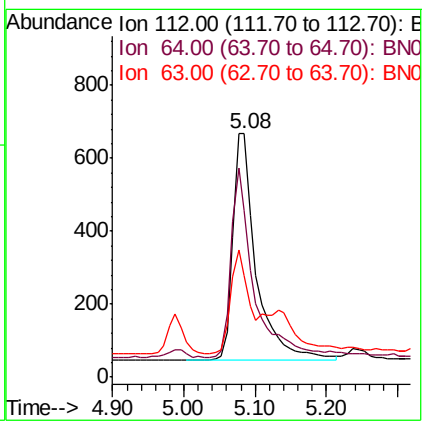


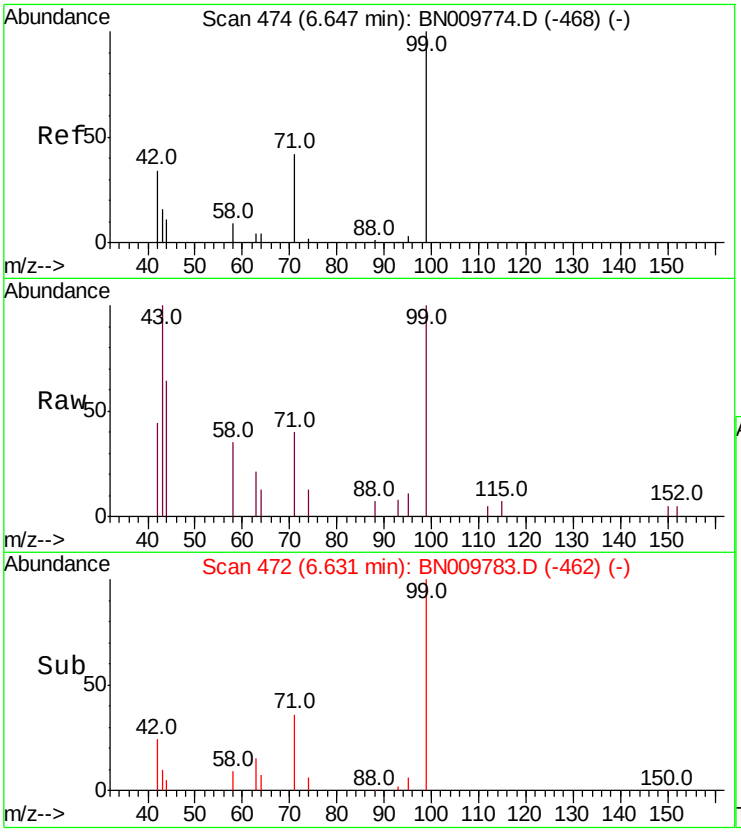


#4
2-Fluorophenol
Concen: 0.459 ng
RT: 5.08 min Scan# 280
Delta R.T. -0.00 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion:112 Resp: 1418

Ion	Ratio	Lower	Upper
112	100		
64	82.3	65.8	98.6
63	42.7	38.7	58.1



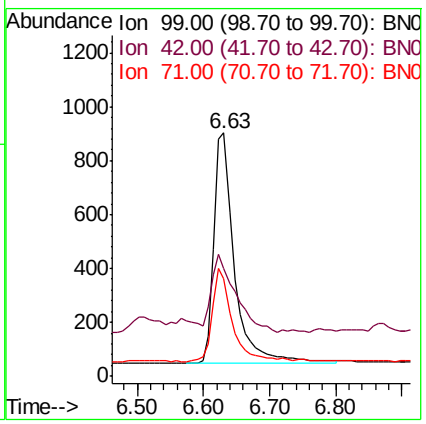


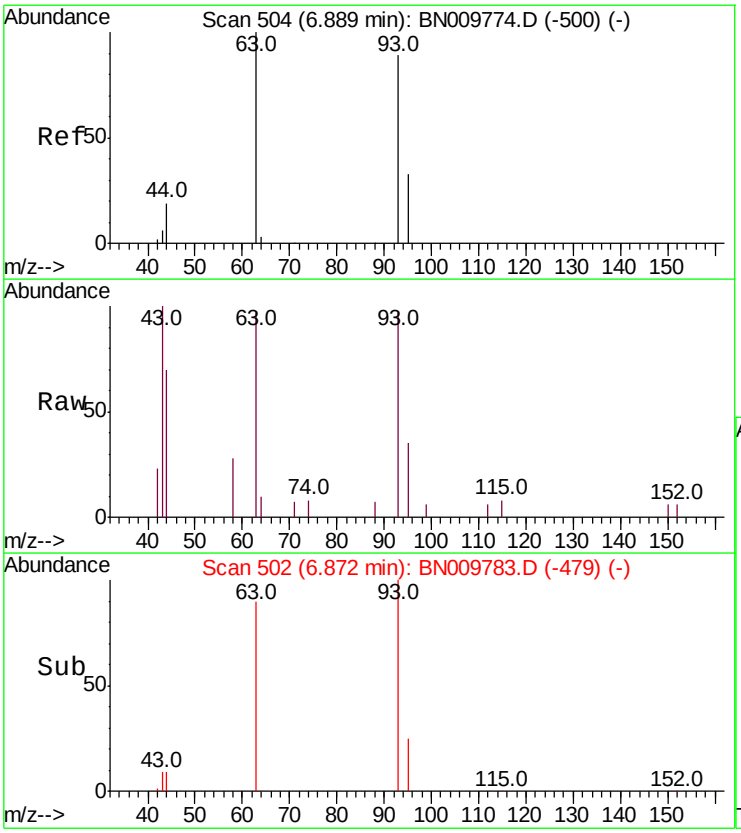
#5
Phenol-d6
Concen: 0.493 ng
RT: 6.63 min Scan# 472
Delta R.T. -0.02 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1852

Ion	Ratio	Lower	Upper
99	100		
42	39.1	30.8	46.2
71	38.7	34.9	52.3

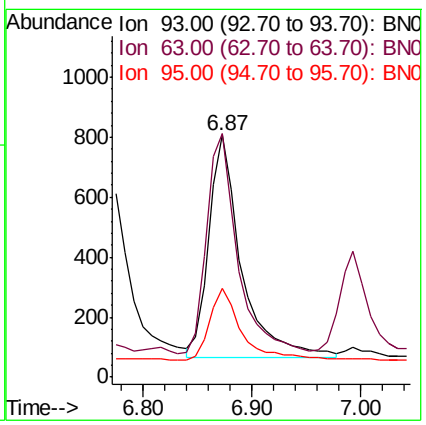


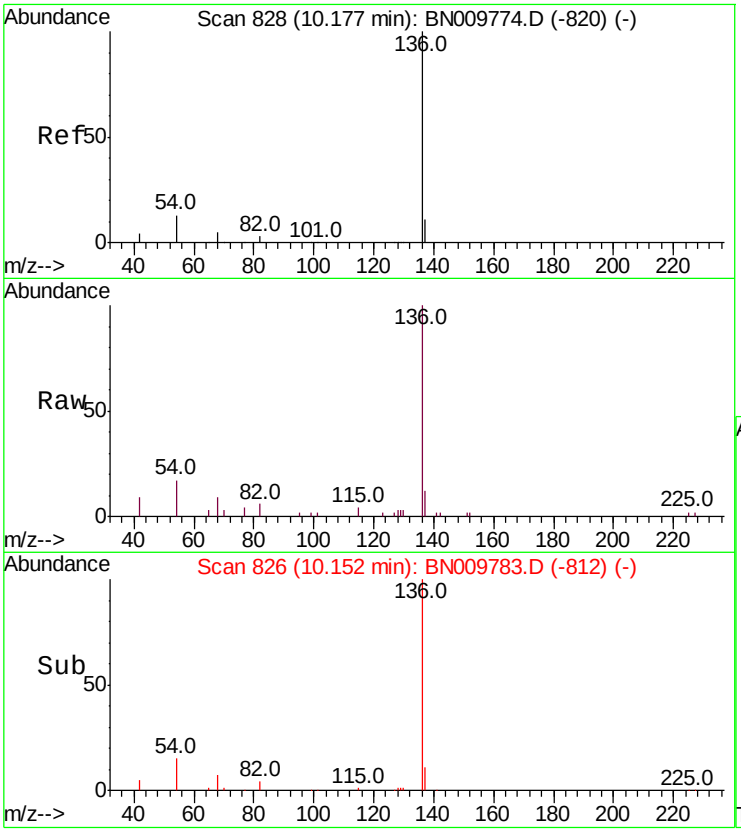


#6
bis(2-Chloroethyl)ether
Concen: 0.423 ng
RT: 6.87 min Scan# 502
Delta R.T. -0.02 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion: 93 Resp: 1545

Ion	Ratio	Lower	Upper
93	100		
63	92.8	74.0	111.0
95	32.8	26.7	40.1



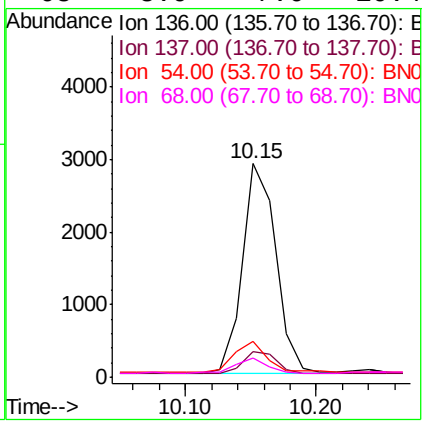


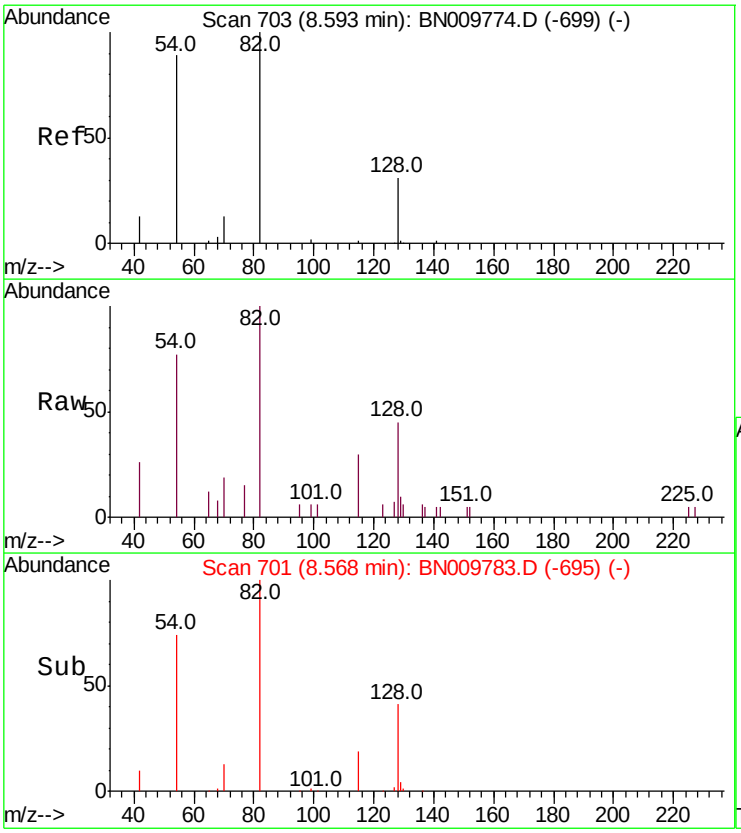
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.03 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 5141

Ion	Ratio	Lower	Upper
136	100		
137	12.1	11.3	16.9
54	17.0	13.4	20.2
68	8.9	7.0	10.4

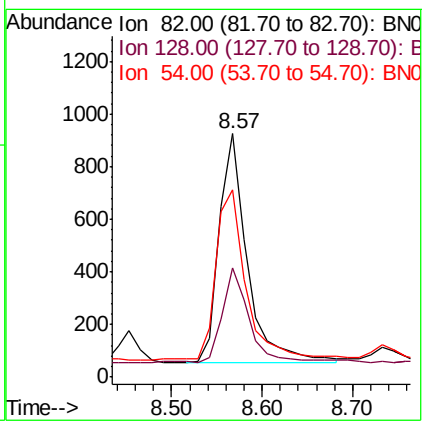


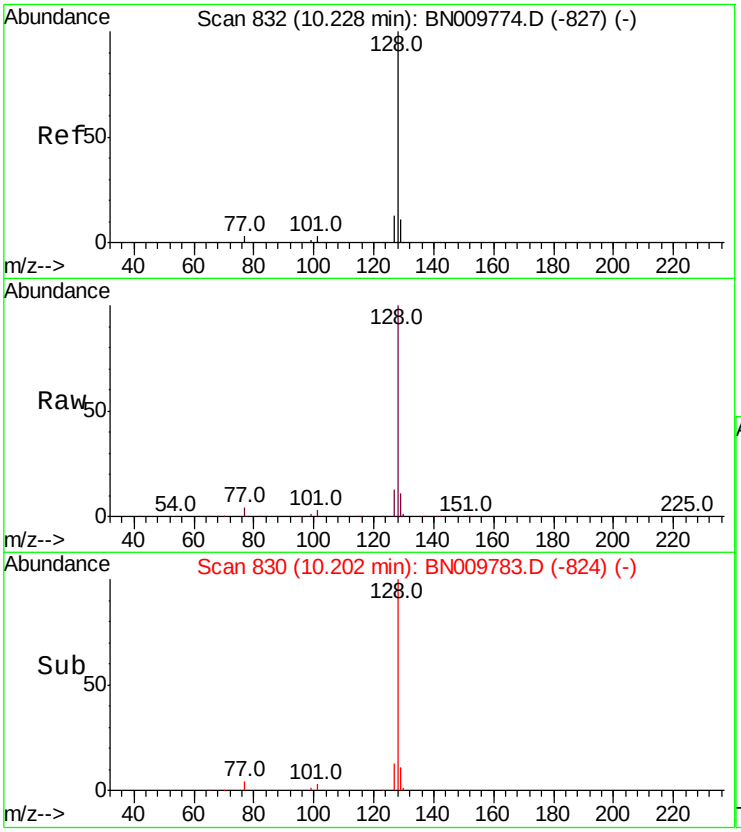


#8
Nitrobenzene-d5
Concen: 0.434 ng
RT: 8.57 min Scan# 701
Delta R.T. -0.03 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion: 82 Resp: 1858

Ion	Ratio	Lower	Upper
82	100		
128	44.8	32.5	48.7
54	76.7	73.5	110.3



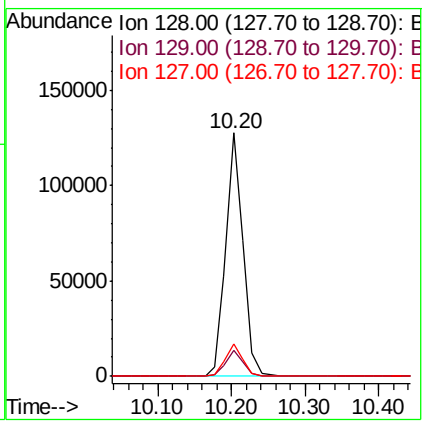


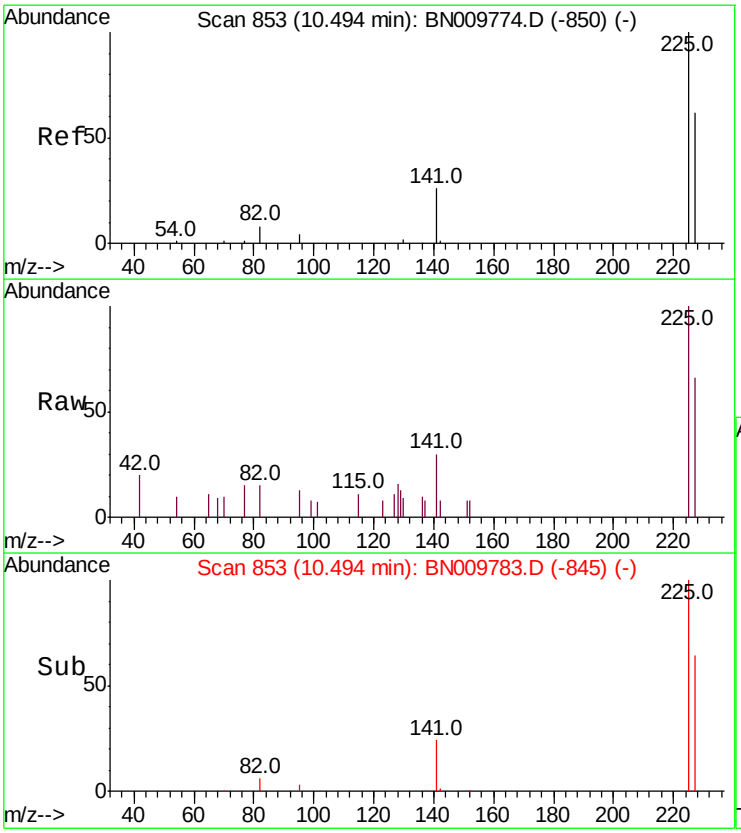
#9
Naphthalene
Concen: 14.783 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.03 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 207279

Ion	Ratio	Lower	Upper
128	100		
129	10.9	11.1	16.7#
127	13.1	12.6	19.0

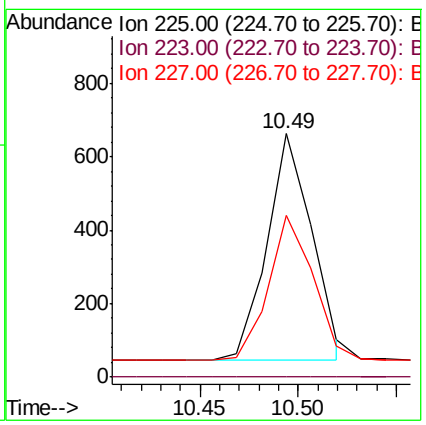


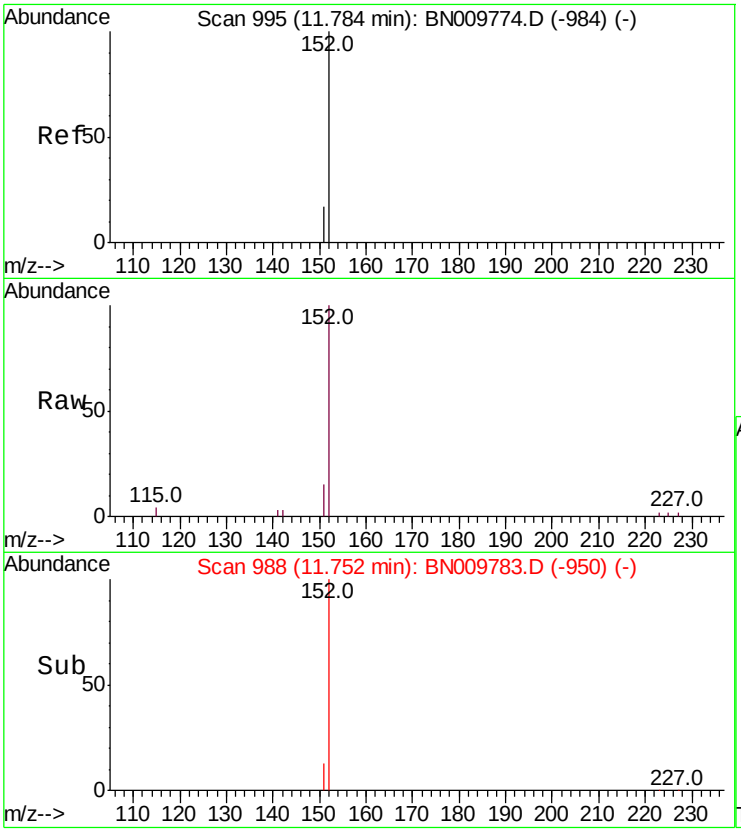


#10
Hexachlorobutadiene
Concen: 0.320 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.00 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion:225 Resp: 987

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	53.4	80.2



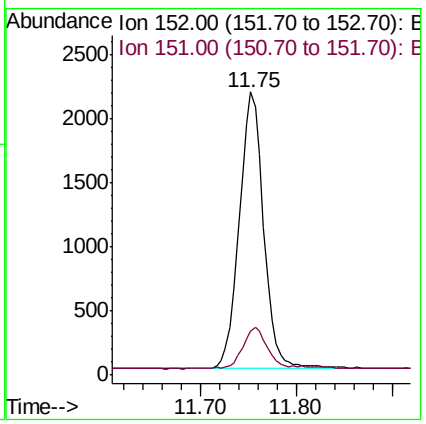


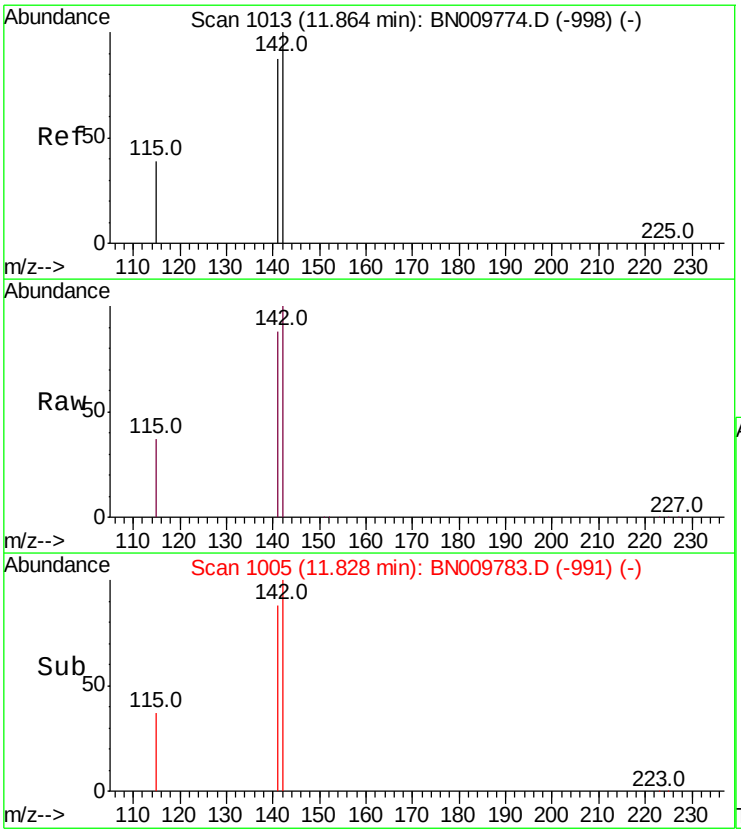
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 11.75 min Scan# 988
Delta R.T. -0.03 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3819

Ion	Ratio	Lower	Upper
152	100		
151	16.8	15.1	22.7

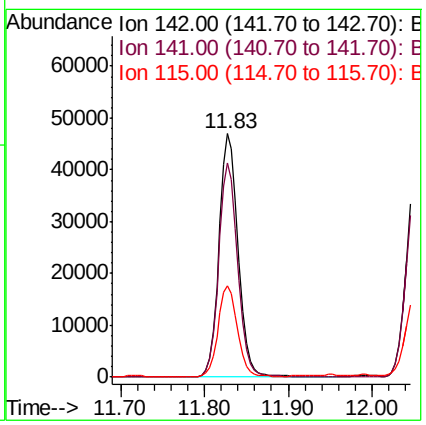


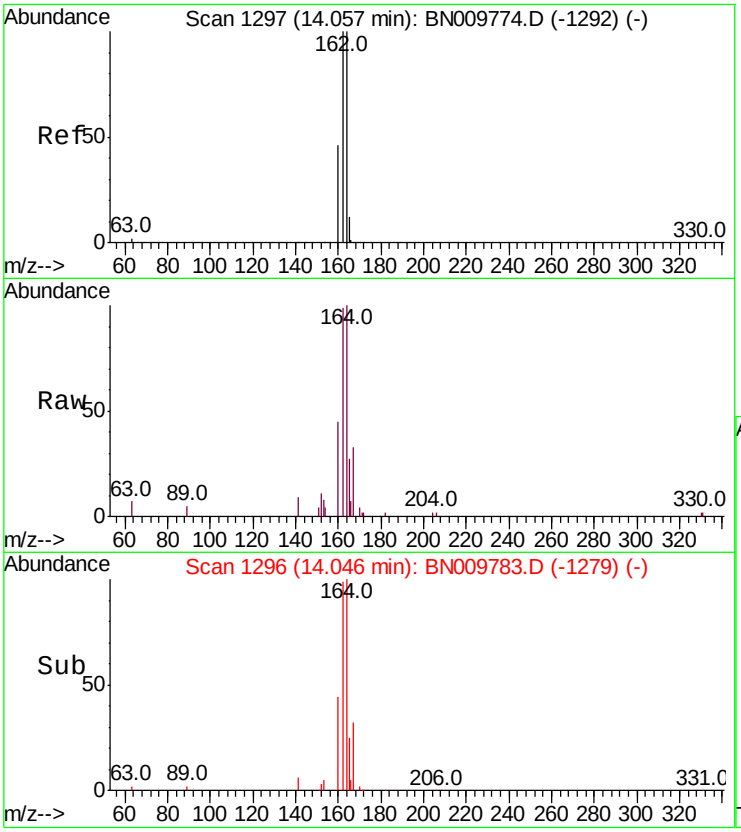


#12
2-Methylnaphthalene
Concen: 7.679 ng
RT: 11.83 min Scan# 1005
Delta R.T. -0.04 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion:142 Resp: 73821

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.8	104.6
115	37.5	34.6	52.0



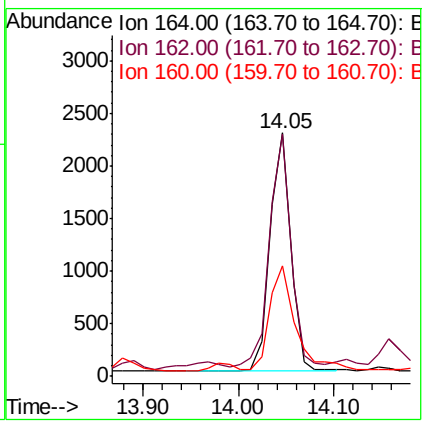


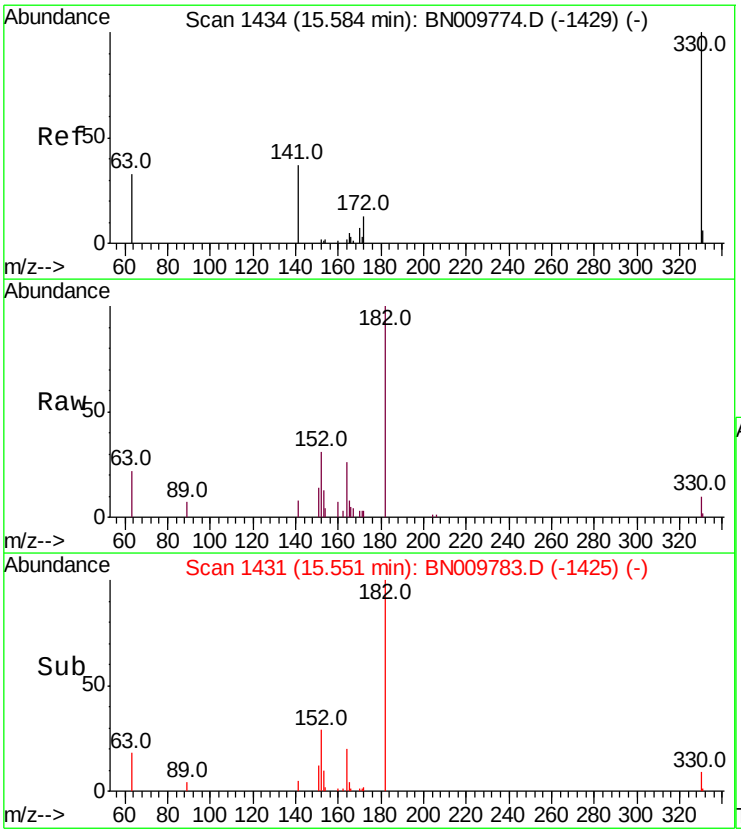
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3414

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.9	119.9
160	45.4	38.2	57.2

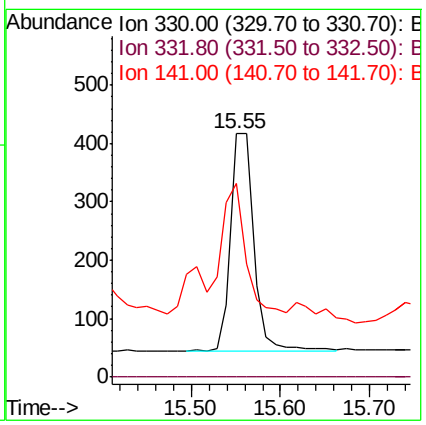


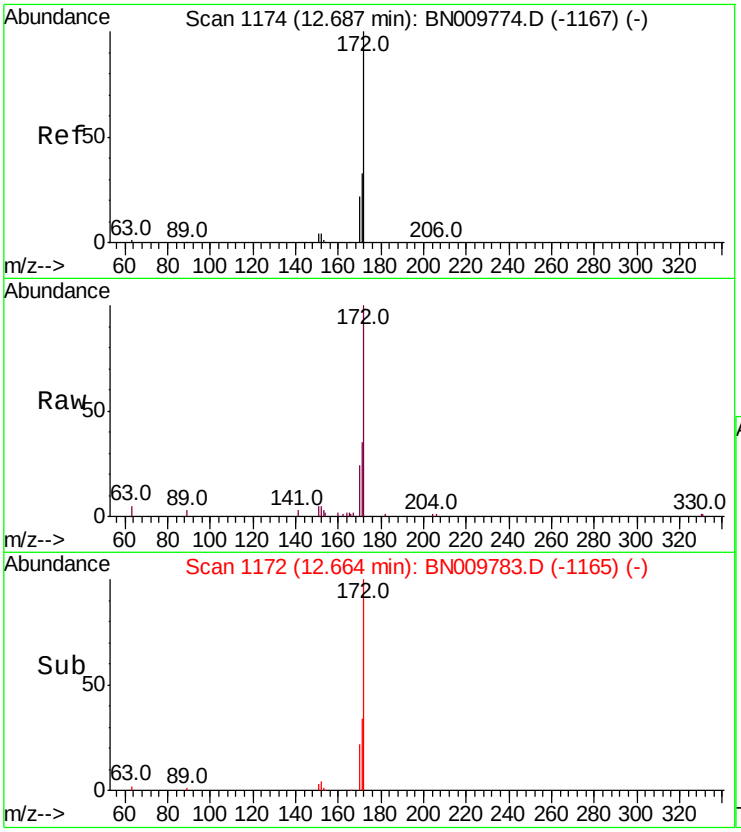


#14
2,4,6-Tribromophenol
Concen: 0.504 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion:330 Resp: 663

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	59.7	36.8	55.2#



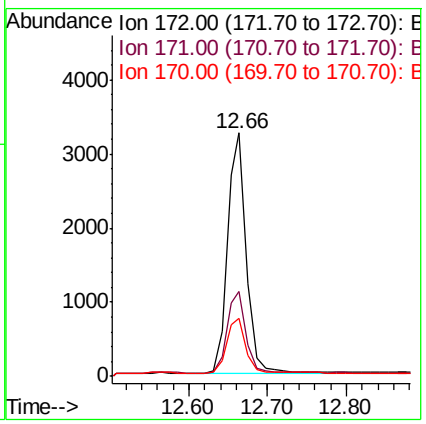


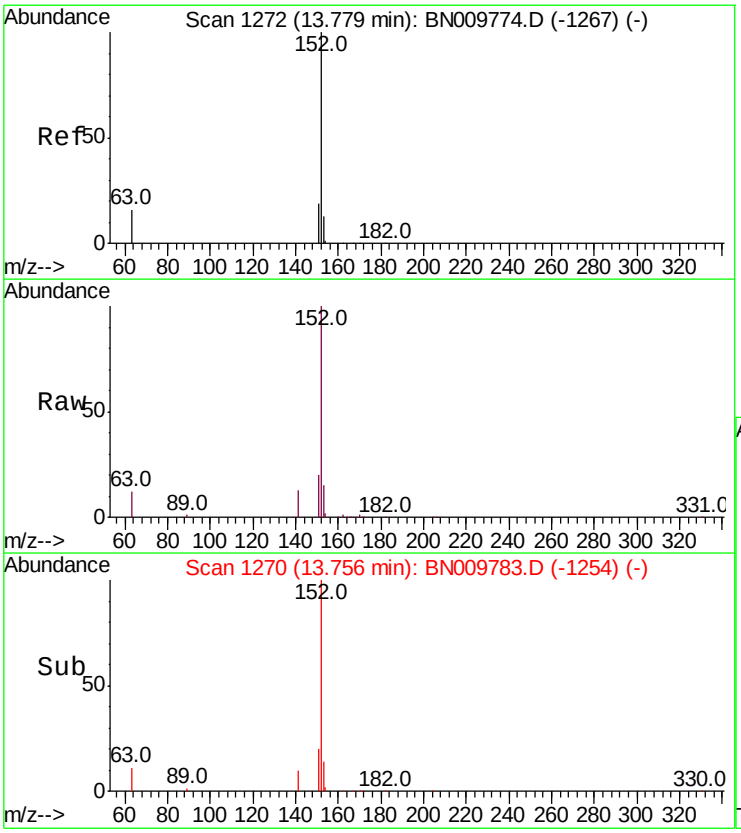
#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 12.66 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5422

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	23.6	20.1	30.1

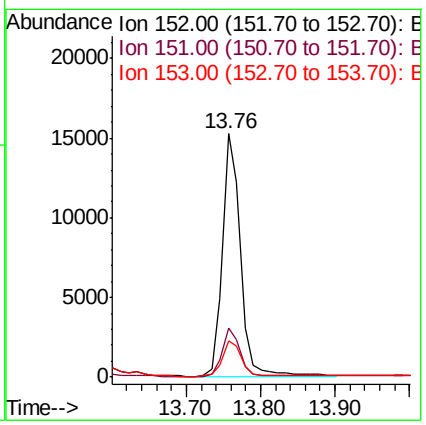


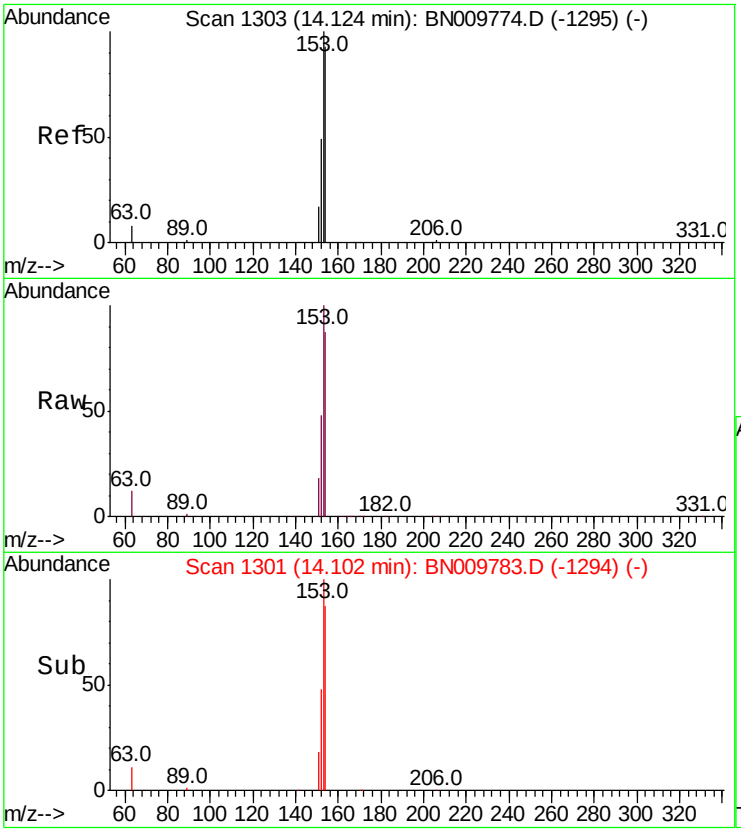


#16
Acenaphthylene
Concen: 1.753 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion:152 Resp: 25512

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	15.4	10.2	15.4#



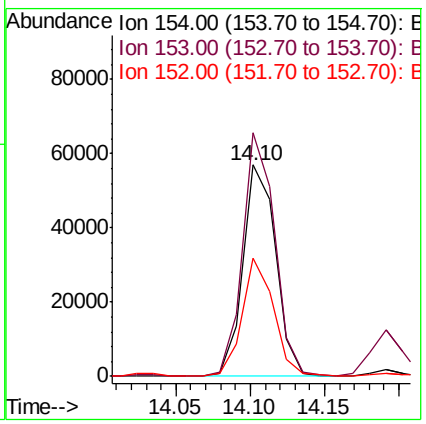


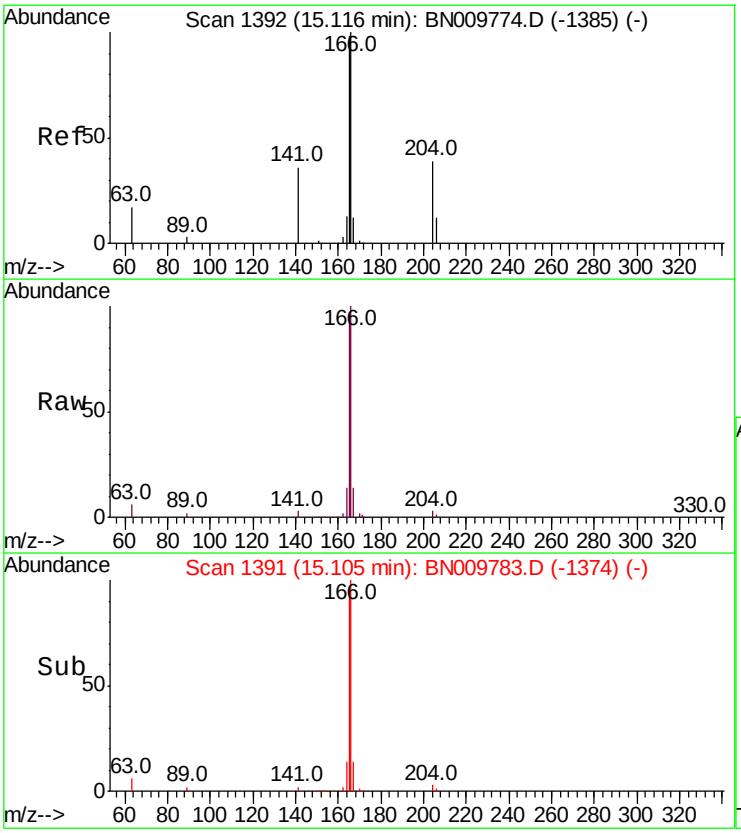
#17
Acenaphthene
Concen: 8.521 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 87205

Ion	Ratio	Lower	Upper
154	100		
153	112.1	88.9	133.3
152	53.3	44.2	66.2

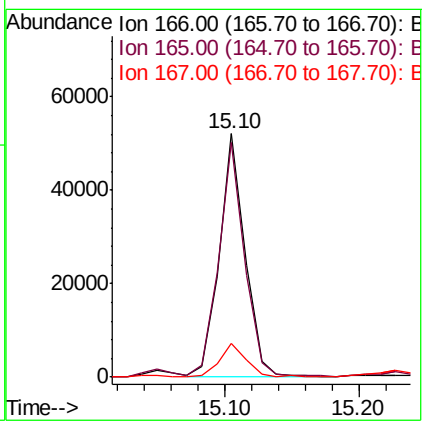


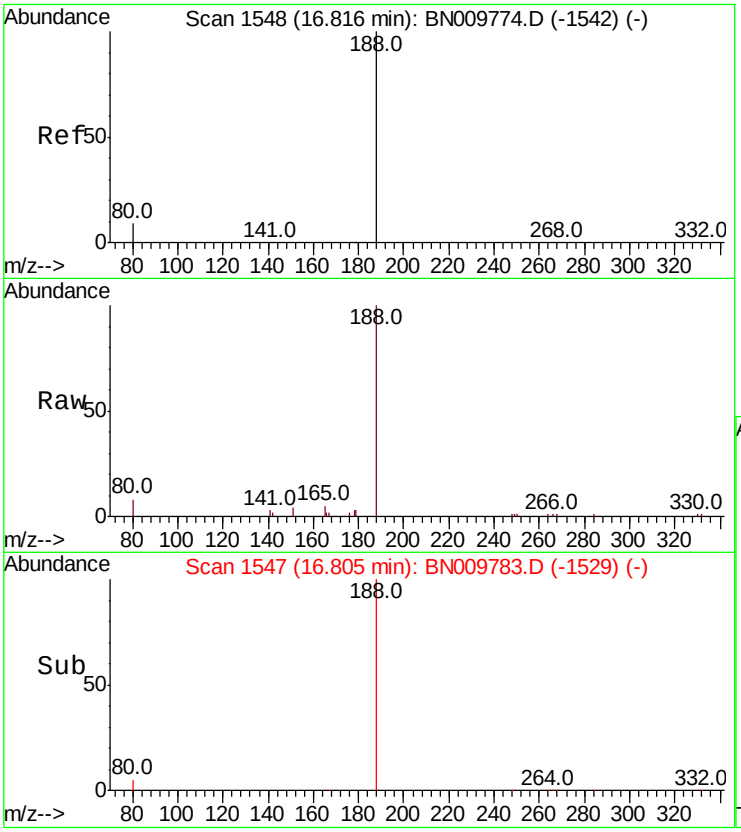


#18
Fluorene
Concen: 5.119 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion:166 Resp: 69128

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.2	115.8
167	14.3	10.5	15.7



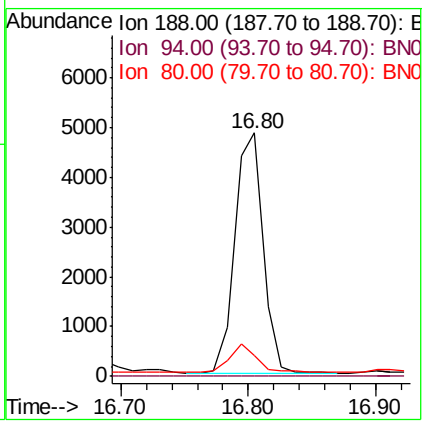


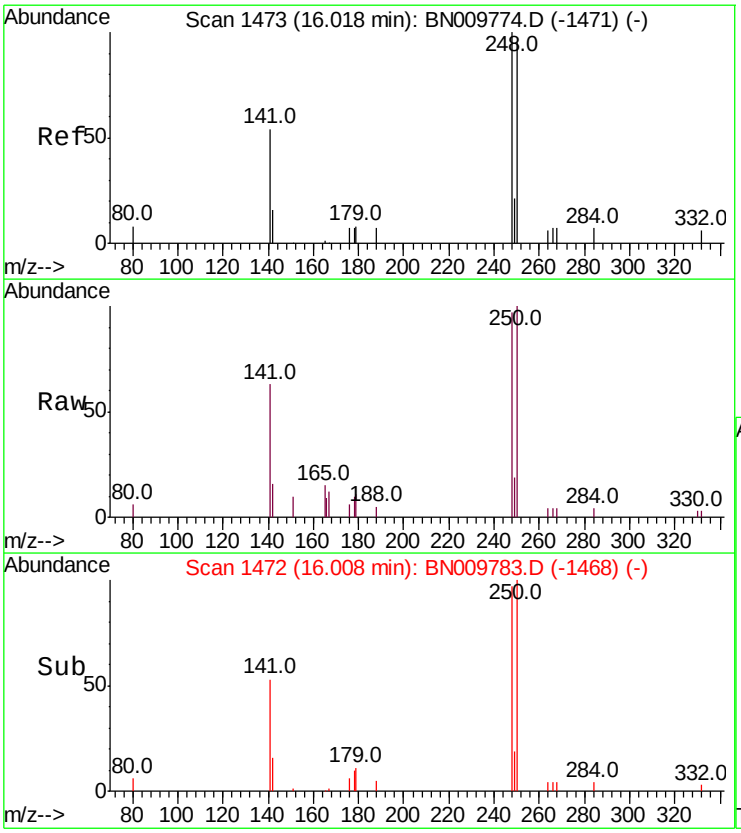
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 7470

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	8.3	12.5

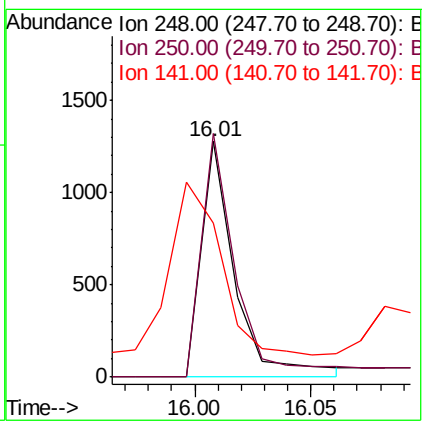


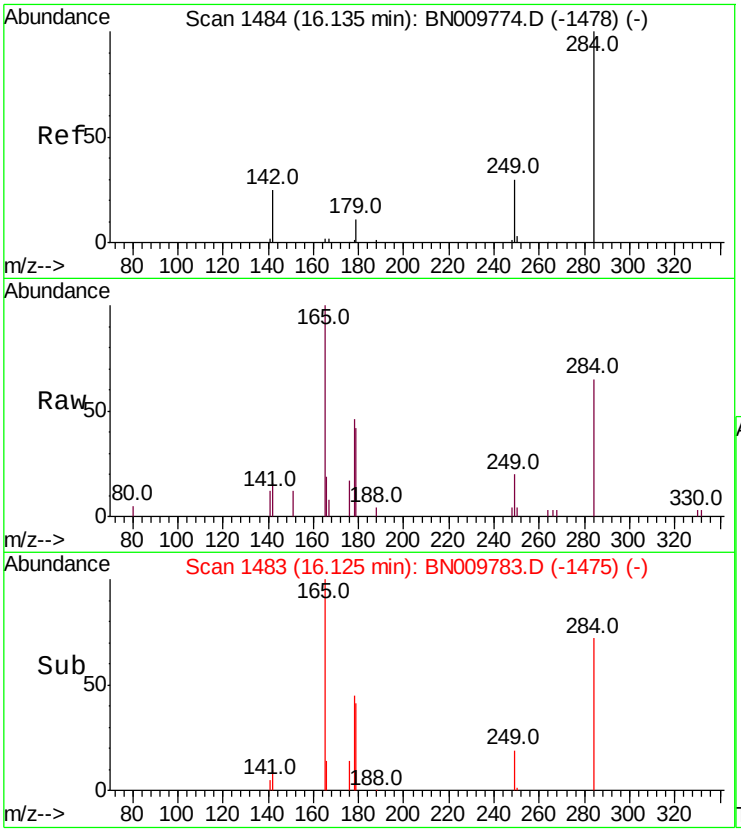


#20
4-Bromophenyl-phenylether
Concen: 0.192 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion:248 Resp: 1272

Ion	Ratio	Lower	Upper
248	100		
250	103.4	76.2	114.4
141	65.2	57.8	86.6



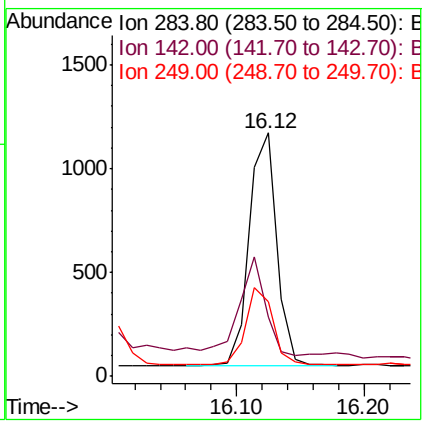


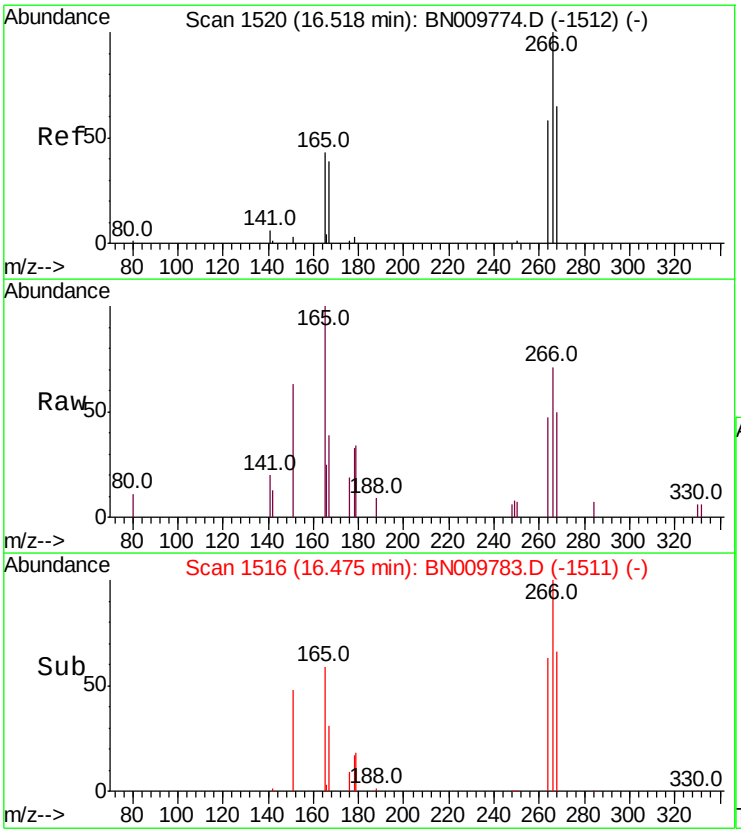
#21
Hexachlorobenzene
Concen: 0.363 ng
RT: 16.12 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 1688

Ion	Ratio	Lower	Upper
284	100		
142	39.0	33.3	49.9
249	32.2	25.7	38.5

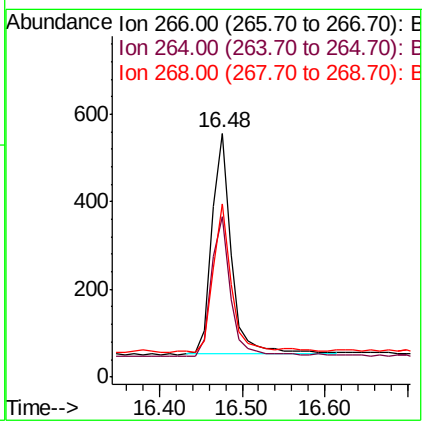


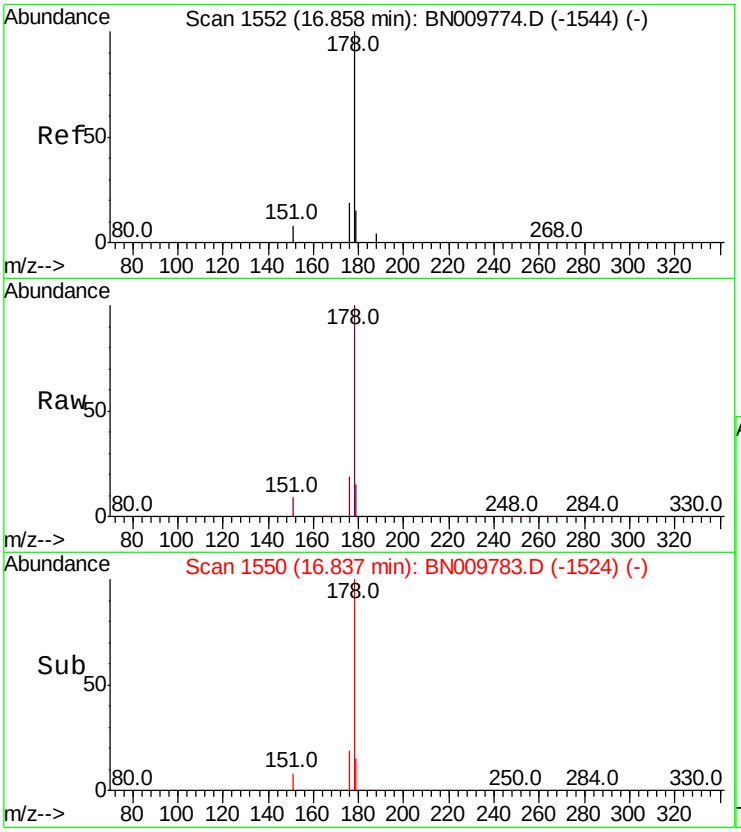


#22
Pentachlorophenol
Concen: 0.710 ng
RT: 16.48 min Scan# 1516
Delta R.T. -0.04 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion:266 Resp: 828

Ion	Ratio	Lower	Upper
266	100		
264	65.6	58.1	87.1
268	70.9	65.7	98.5



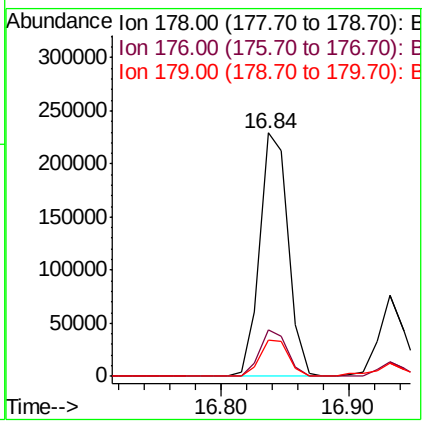


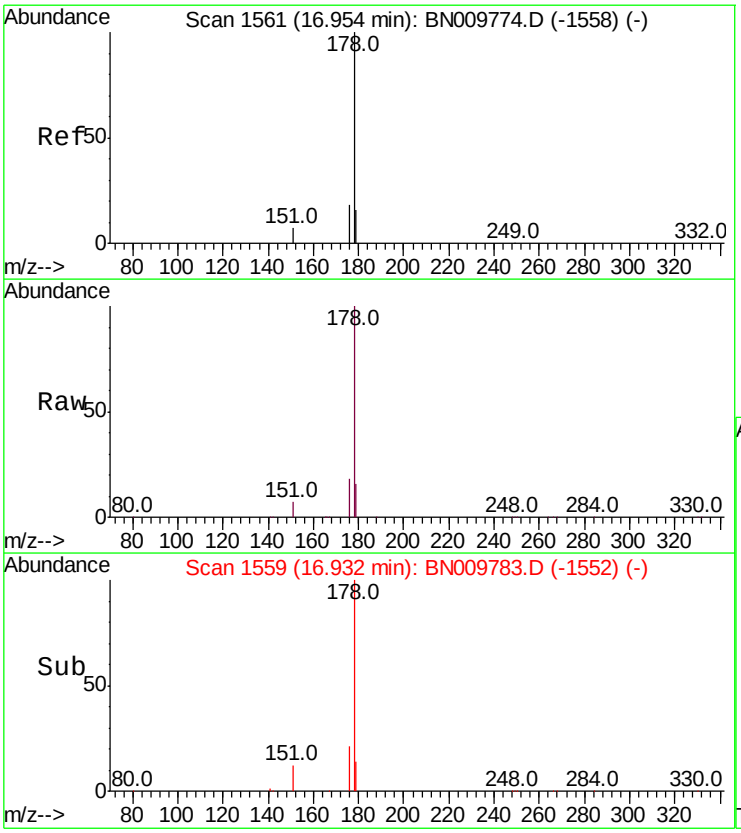
#23
Phenanthrene
Concen: 16.065 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 357159

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

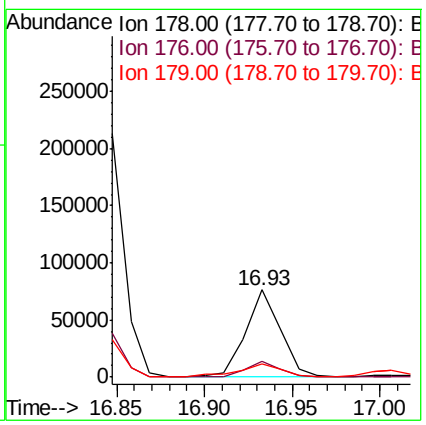


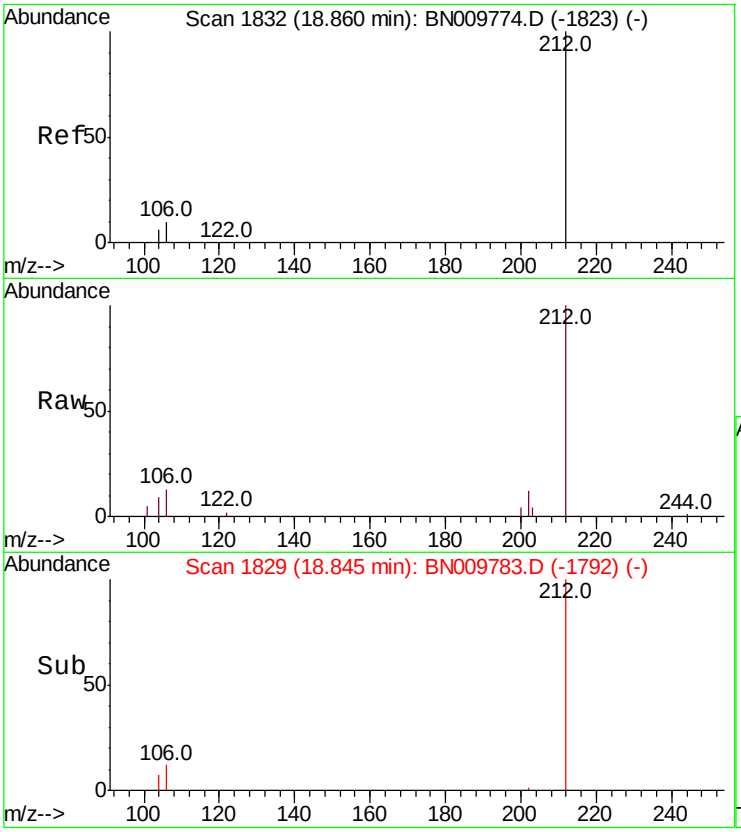


#24
Anthracene
Concen: 5.440 ng
RT: 16.93 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion:178 Resp: 102229

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.3	21.5
179	18.5	12.4	18.6



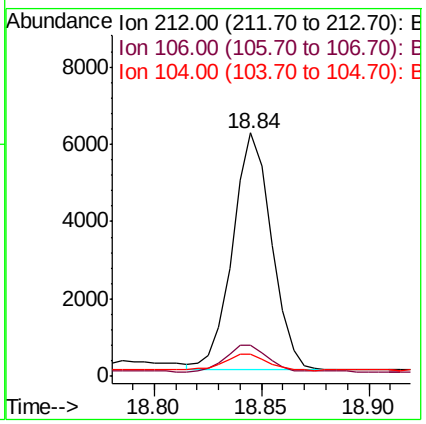


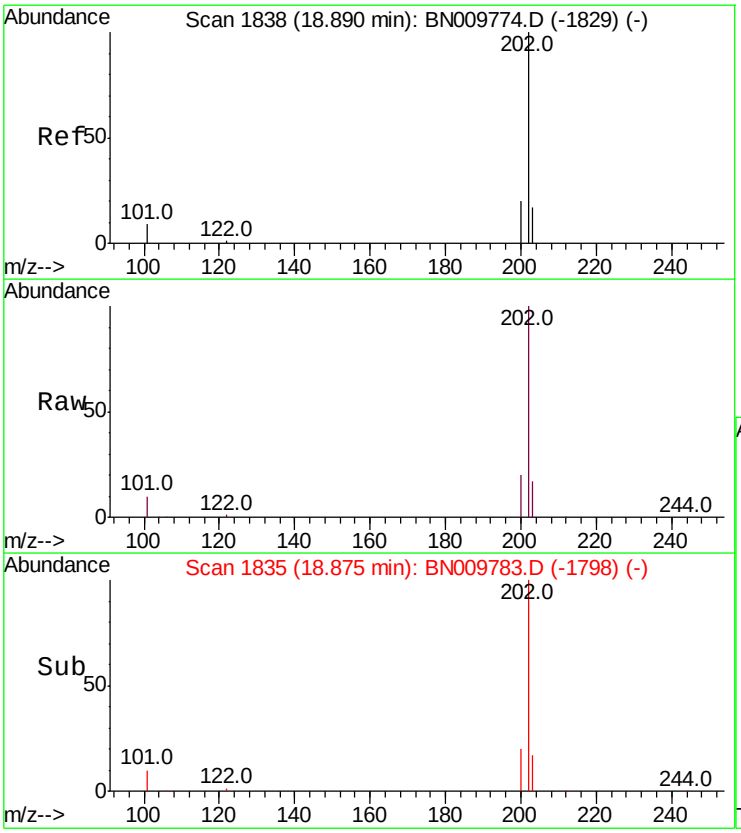
#25
Fluoranthene-d10
Concen: 0.298 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 7713

Ion	Ratio	Lower	Upper
212	100		
106	11.9	8.4	12.6
104	7.9	4.8	7.2#

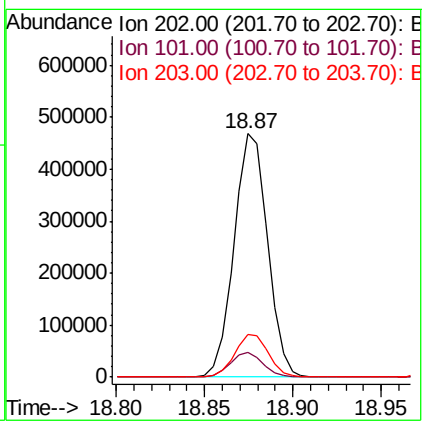


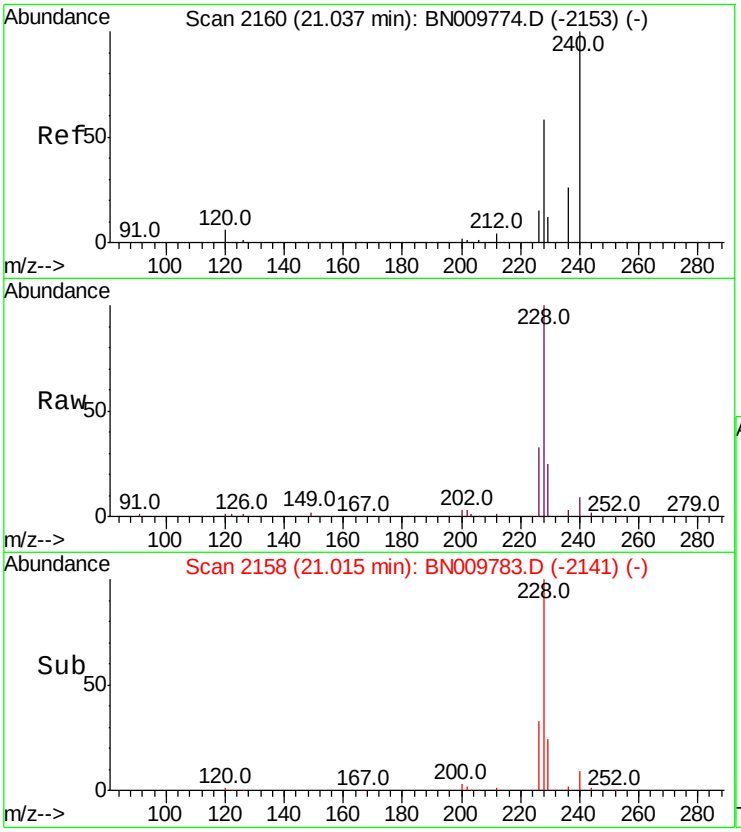


#26
Fluoranthene
Concen: 23.112 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion:202 Resp: 615235

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.1	10.7
203	17.4	13.8	20.6



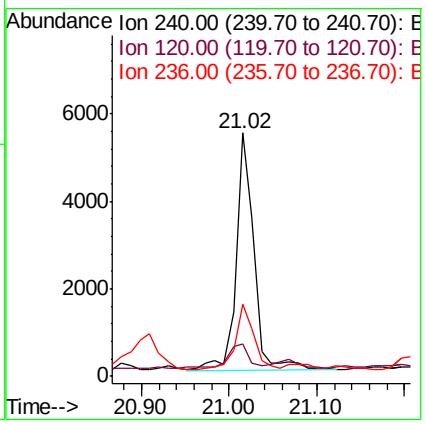


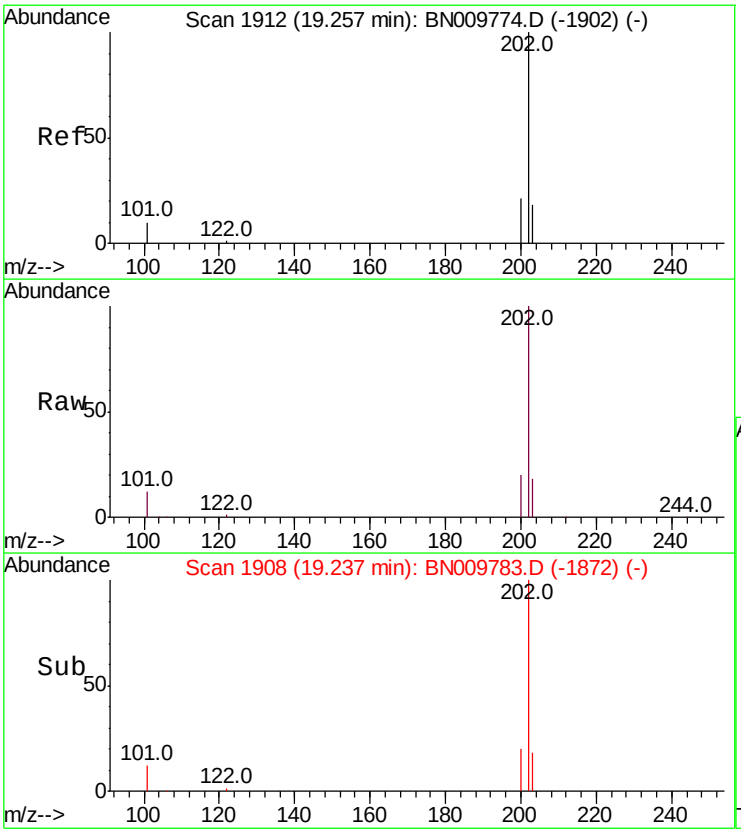
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 7681

Ion	Ratio	Lower	Upper
240	100		
120	13.4	7.9	11.9#
236	29.5	22.0	33.0

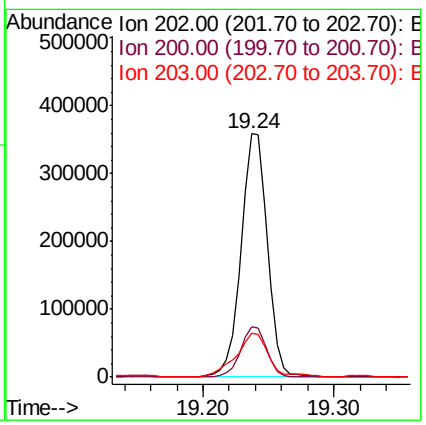


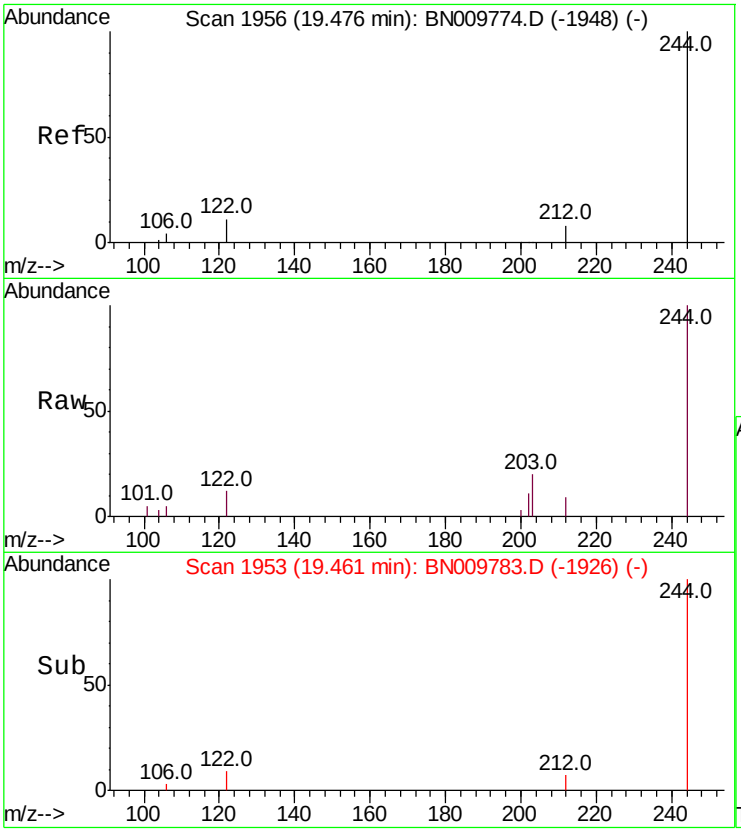


#28
Pyrene
Concen: 17.363 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.02 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion:202 Resp: 506411

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	22.1	13.9	20.9#



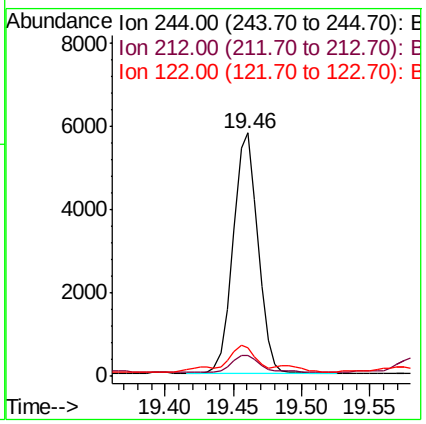


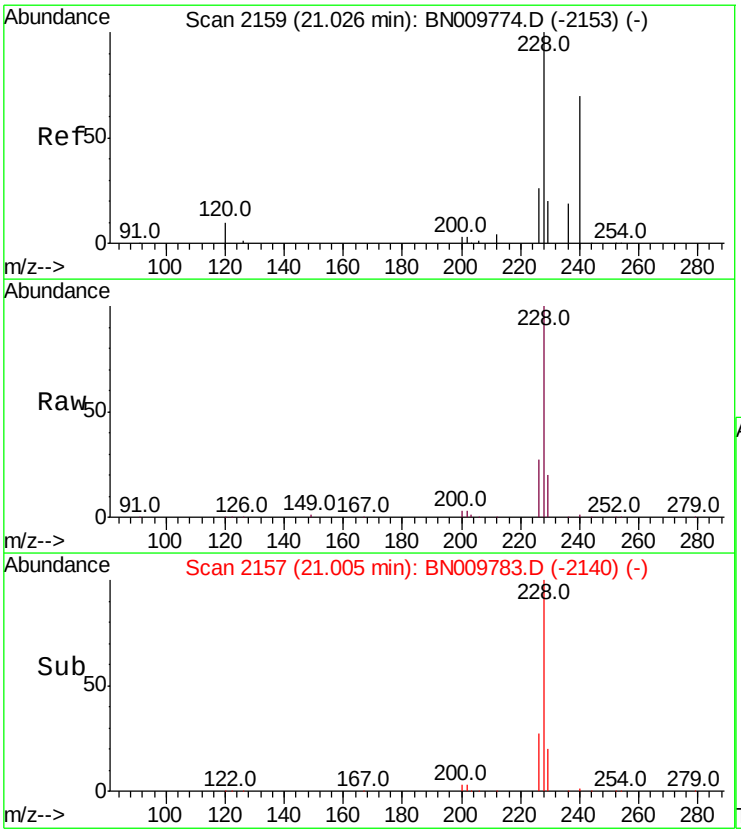
#29
Terphenyl-d14
Concen: 0.395 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 7256

Ion	Ratio	Lower	Upper
244	100		
212	8.8	8.0	12.0
122	11.7	10.0	15.0

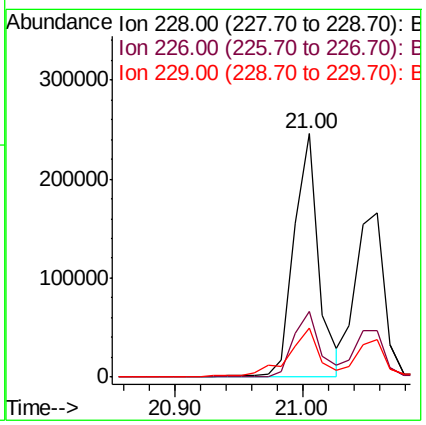


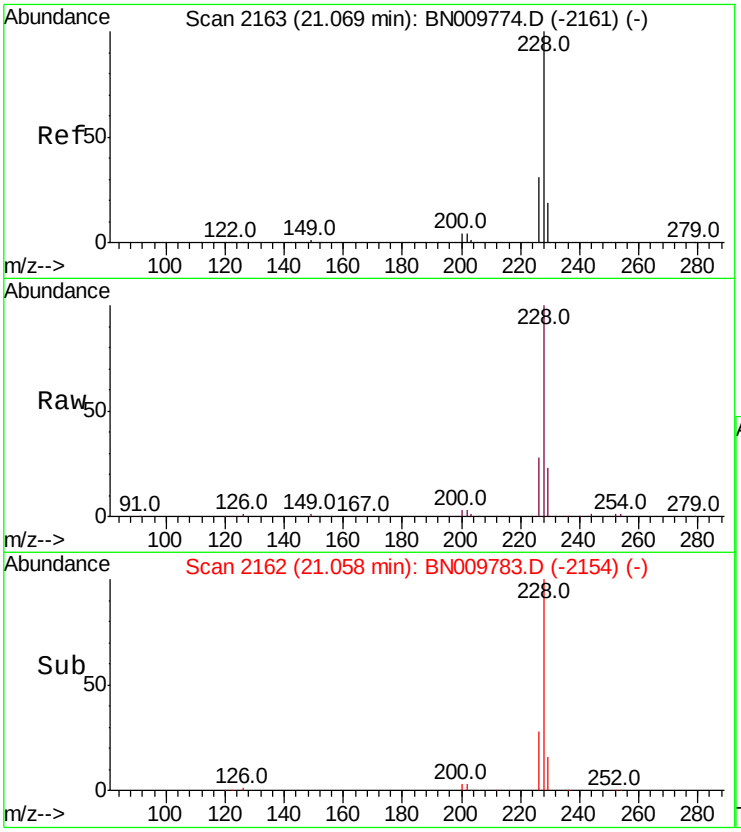


#30
Benzo(a)anthracene
Concen: 12.811 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion:228 Resp: 326560

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	20.3	17.1	25.7



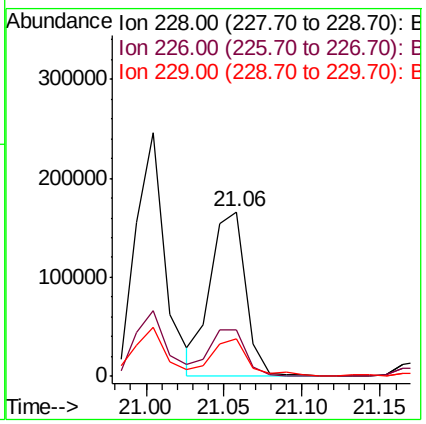


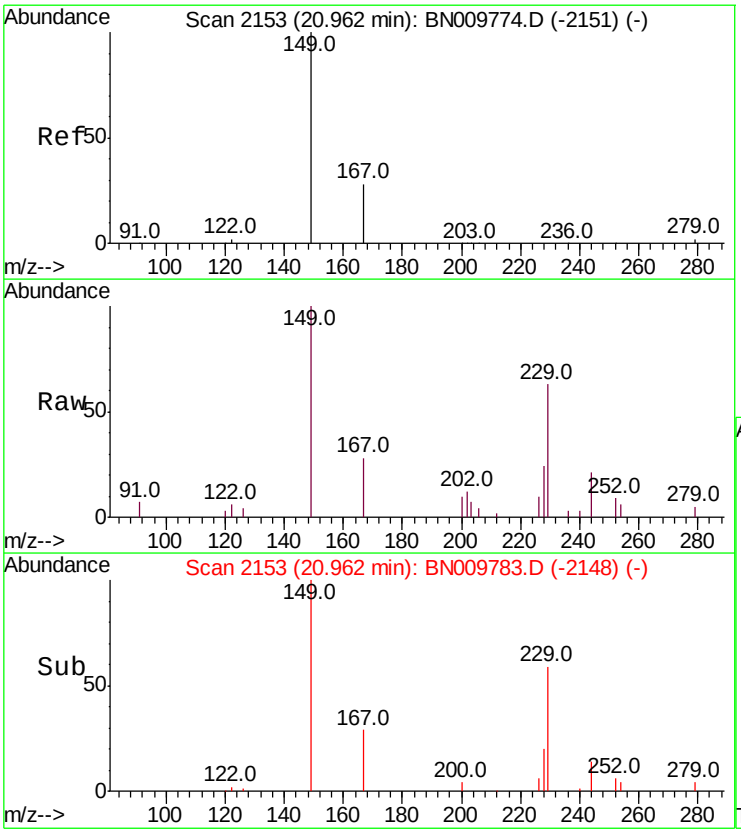
#31
Chrysene
Concen: 8.766 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 258502

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.8	37.2
229	22.6	16.4	24.6

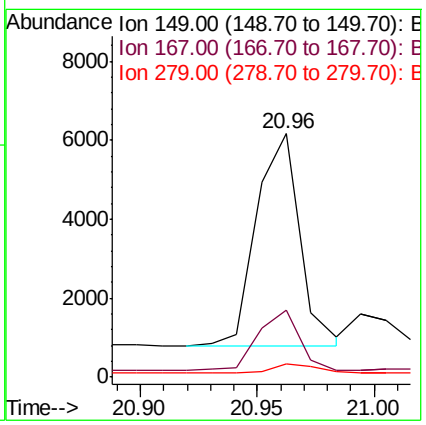


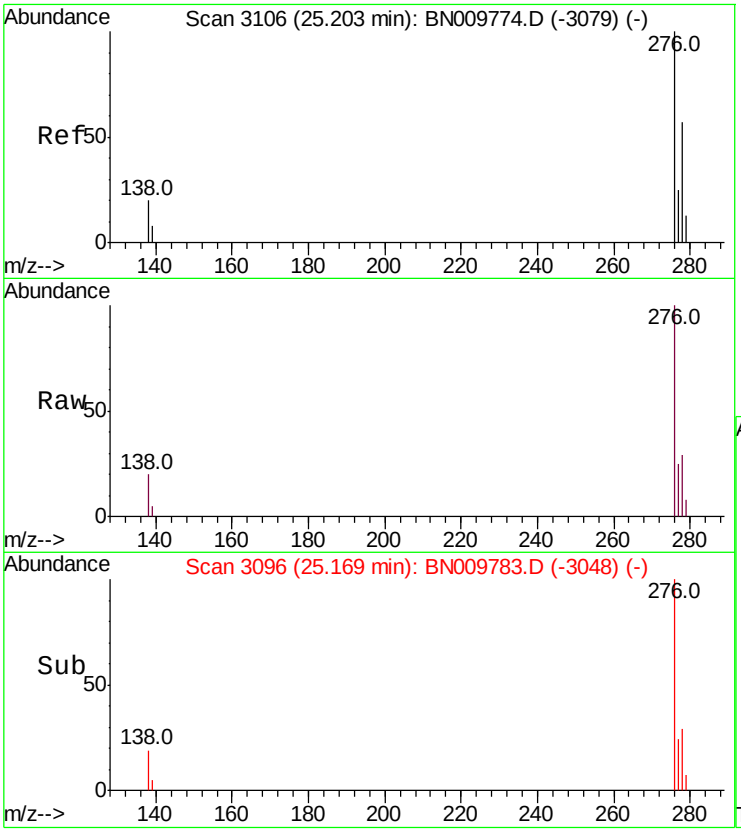


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.560 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion:149 Resp: 6971

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.7	34.1
279	4.1	3.1	4.7



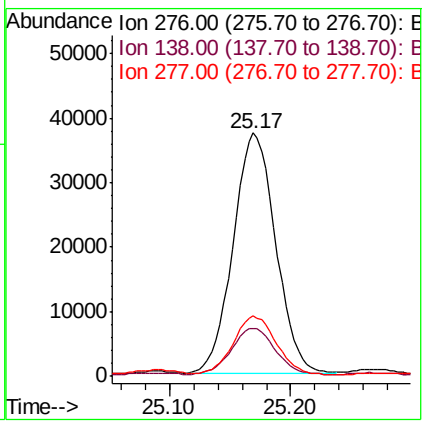


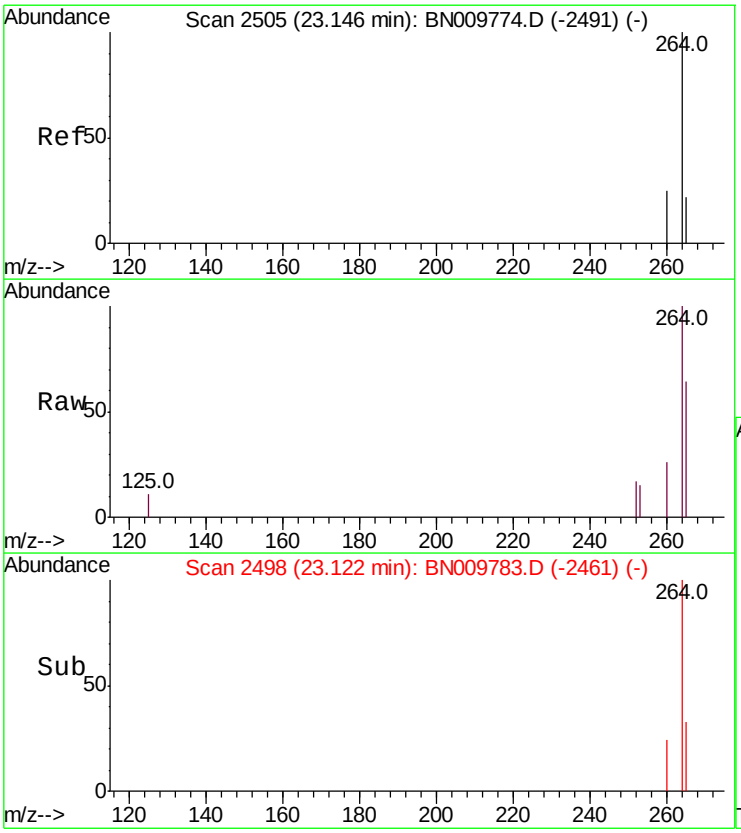
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.961 ng
RT: 25.17 min Scan# 3096
Delta R.T. -0.03 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 90928

Ion	Ratio	Lower	Upper
276	100		
138	21.2	15.8	23.6
277	24.9	19.3	28.9

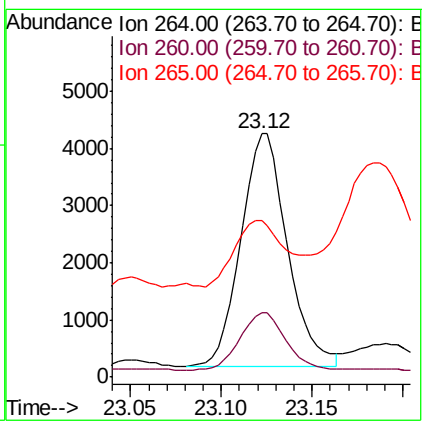


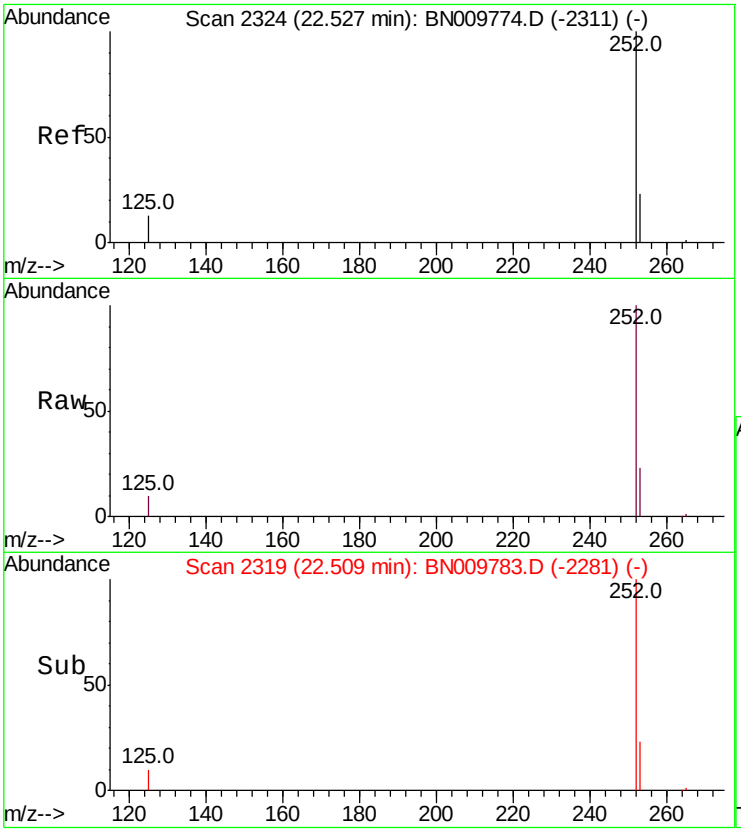


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2498
Delta R.T. -0.02 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion:264 Resp: 7224

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.1	31.7
265	64.4	57.5	86.3



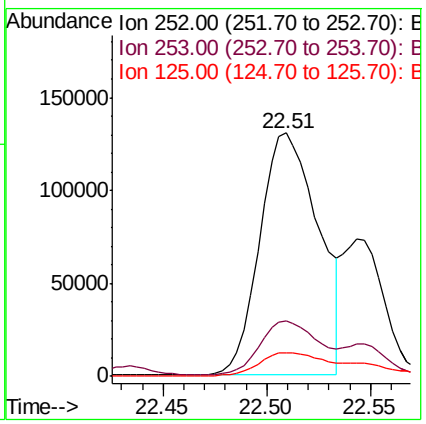


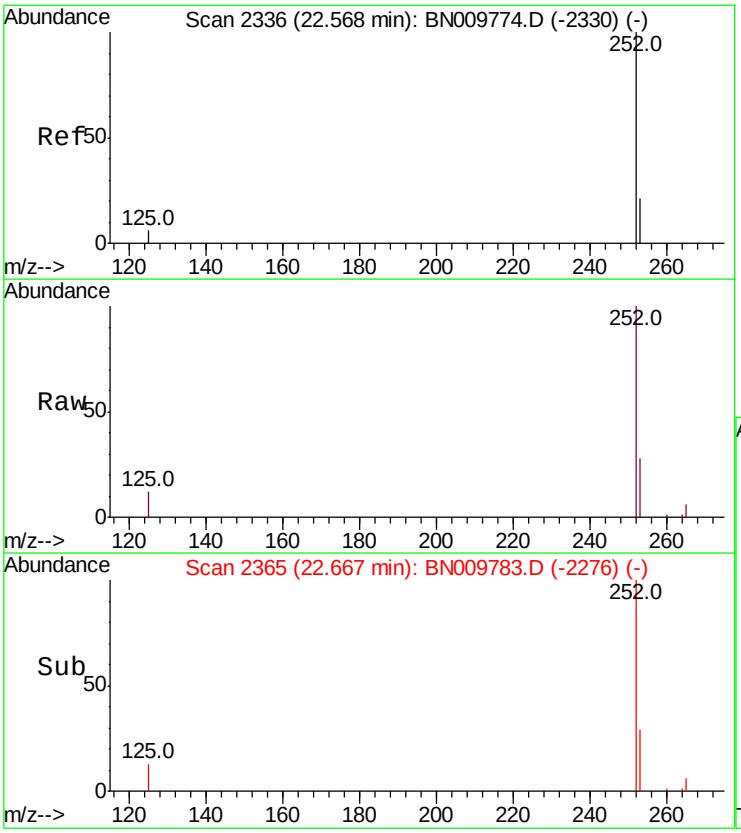
#35
Benzo(b)fluoranthene
Concen: 9.720 ng
RT: 22.51 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 256707

Ion	Ratio	Lower	Upper
252	100		
253	22.8	23.0	34.6#
125	9.8	14.4	21.6#

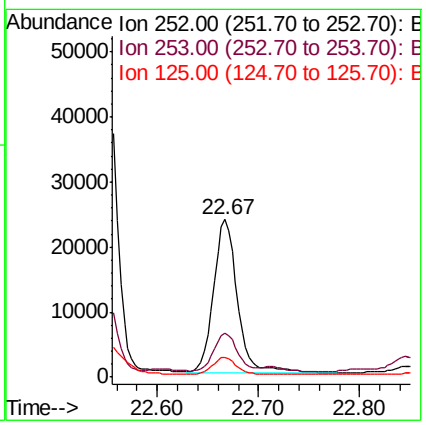


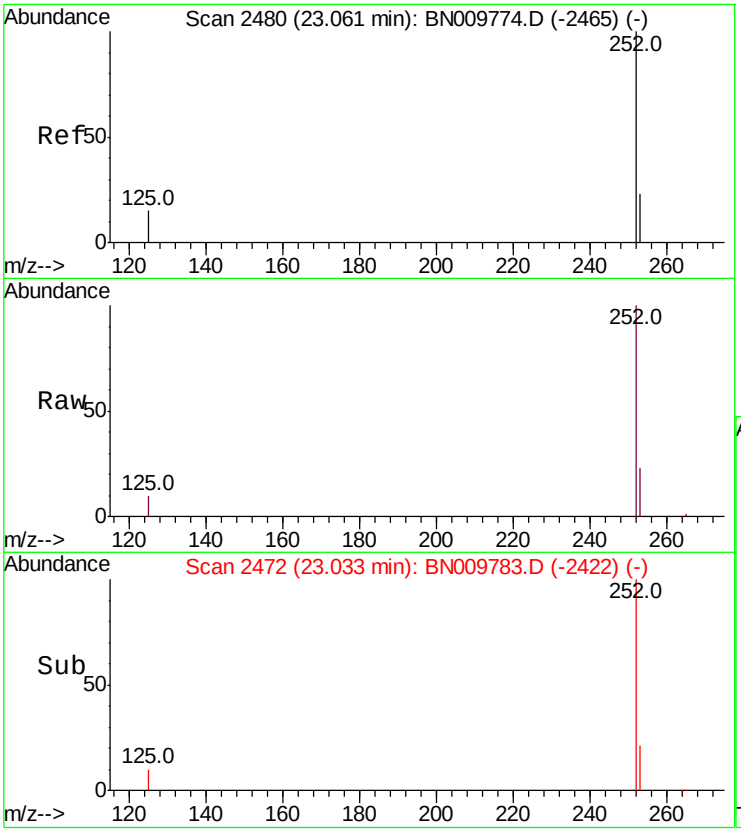


#36
Benzo(k)fluoranthene
Concen: 1.328 ng
RT: 22.67 min Scan# 2365
Delta R.T. 0.10 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion:252 Resp: 38194

Ion	Ratio	Lower	Upper
252	100		
253	27.9	22.2	33.2
125	12.3	10.5	15.7



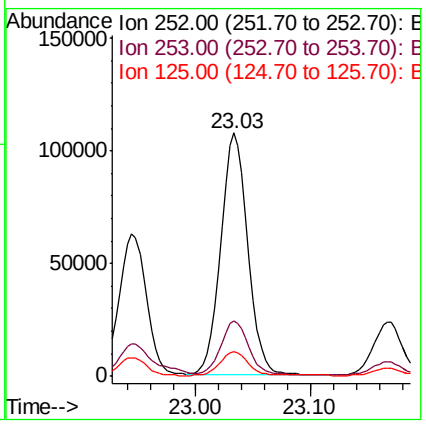


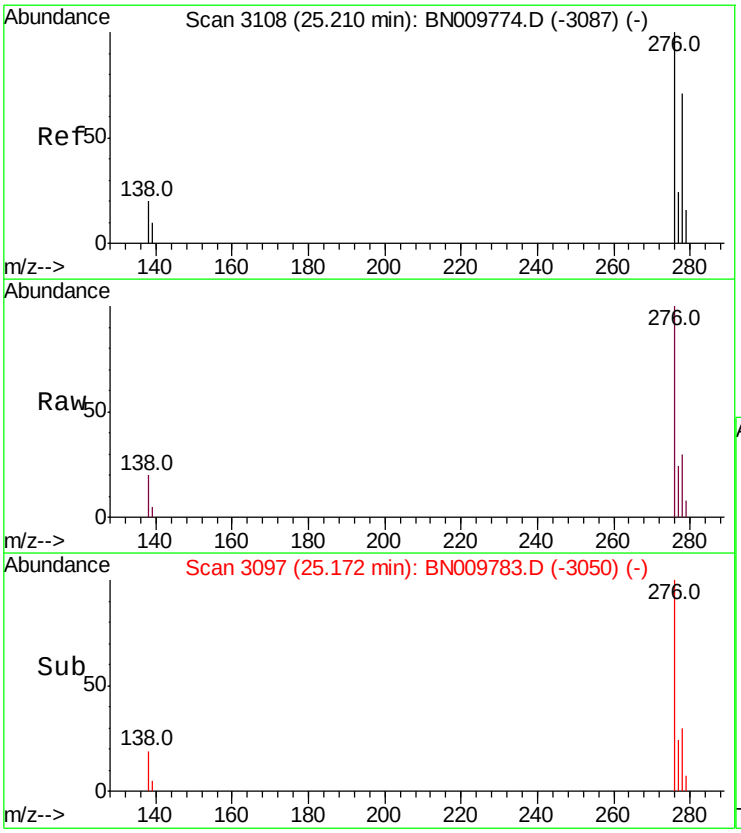
#37
Benzo(a)pyrene
Concen: 7.373 ng
RT: 23.03 min Scan# 2472
Delta R.T. -0.03 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 177672

Ion	Ratio	Lower	Upper
252	100		
253	23.0	25.3	37.9#
125	10.1	17.7	26.5#

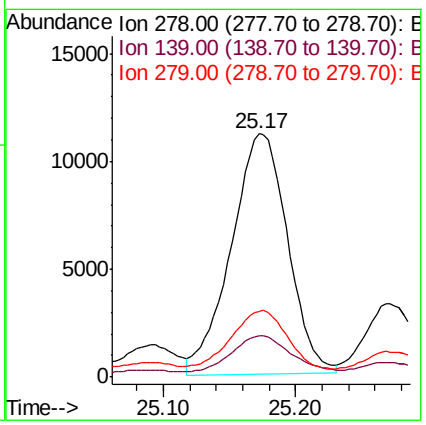


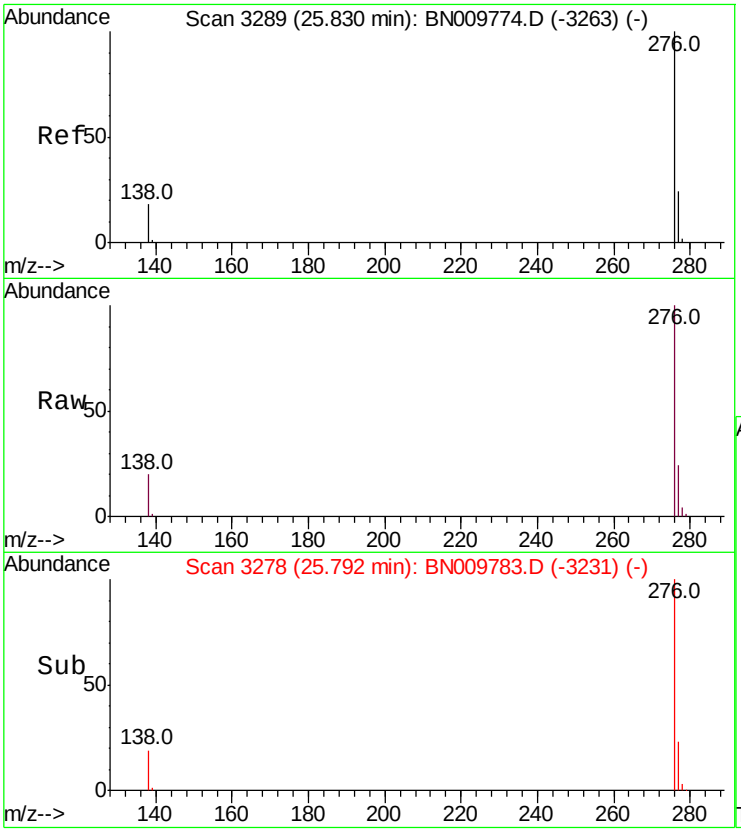


#38
Dibenzo(a,h)anthracene
Concen: 1.398 ng
RT: 25.17 min Scan# 3097
Delta R.T. -0.04 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Tgt Ion:278 Resp: 33167

Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.5	21.7
279	27.2	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 3.171 ng
RT: 25.79 min Scan# 3278
Delta R.T. -0.04 min
Lab File: BN009783.D
Acq: 19 Feb 2020 18:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 80138

Ion	Ratio	Lower	Upper
276	100		
277	24.0	21.4	32.0
138	19.6	16.6	24.8