Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
Data File : BN009800.D
Acq On : 21 Feb 2020 03:57
Operator : CG/JU
Sample : L1482-04MSD 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 21 04:28:20 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	7.41	152	1779	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6346	0.40	ng		-0.03
13) Acenaphthene-d10	14.03	164	3747	0.40	ng		-0.02
19) Phenanthrene-d10	16.79	188	7572	0.40	ng		-0.02
27) Chrysene-d12	21.00	240	8031	0.40	ng		-0.03
34) Perylene-d12	23.11	264	8314	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	332	0.08	ng		-0.02
5) Phenol-d6	6.62	99	381	0.08	ng		-0.02
8) Nitrobenzene-d5	8.57	82	396	0.07	ng		-0.03
11) 2-Methylnaphthalene-d10	11.75	152	920	0.07	ng		-0.04
14) 2,4,6-Tribromophenol	15.55	330	127	0.09	ng		-0.03
15) 2-Fluorobiphenyl	12.65	172	1168	0.08	ng		-0.03
25) Fluoranthene-d10	18.83	212	1403	0.05	ng		-0.03
29) Terphenyl-d14	19.45	244	4316	0.22	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	118	0.065	ng	#	63
3) n-Nitrosodimethylamine	3.42	42	215	0.072	ng	#	17
6) bis(2-Chloroethyl)ether	6.86	93	401	0.086	ng		90
9) Naphthalene	10.19	128	154227	8.911	ng	#	94
10) Hexachlorobutadiene	10.48	225	245	0.064	ng	#	95
12) 2-Methylnaphthalene	11.82	142	9639	0.812	ng		98
16) Acenaphthylene	13.76	152	106708	6.680	ng		99
17) Acenaphthene	14.10	154	15301	1.362	ng		98
18) Fluorene	15.09	166	28216	1.904	ng		95
20) 4-Bromophenyl-phenylether	16.01	248	283	Below Cal		#	74
21) Hexachlorobenzene	16.11	284	337	0.071	ng	#	91
22) Pentachlorophenol	16.48	266	258	0.342	ng		96
23) Phenanthrene	16.84	178	296385	13.152	ng		99
24) Anthracene	16.92	178	96406	5.061	ng		99
26) Fluoranthene	18.86	202	516965	19.159	ng		99
28) Pyrene	19.23	202	471450	15.459	ng		98
30) Benzo(a)anthracene	20.99	228	317765	11.923	ng		93
31) Chrysene	21.05	228	256176	8.308	ng		97
32) Bis(2-ethylhexyl)phthalate	20.95	149	1786	0.137	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.15	276	203450	6.336	ng		99
35) Benzo(b)fluoranthene	22.50	252	370676	12.196	ng	#	86
36) Benzo(k)fluoranthene	22.66	252	94468	2.855	ng		96
37) Benzo(a)pyrene	23.02	252	303208	10.933	ng	#	80
38) Dibenzo(a,h)anthracene	25.15	278	58243	2.133	ng		97
39) Benzo(g,h,i)perylene	25.77	276	205463	7.063	ng		96

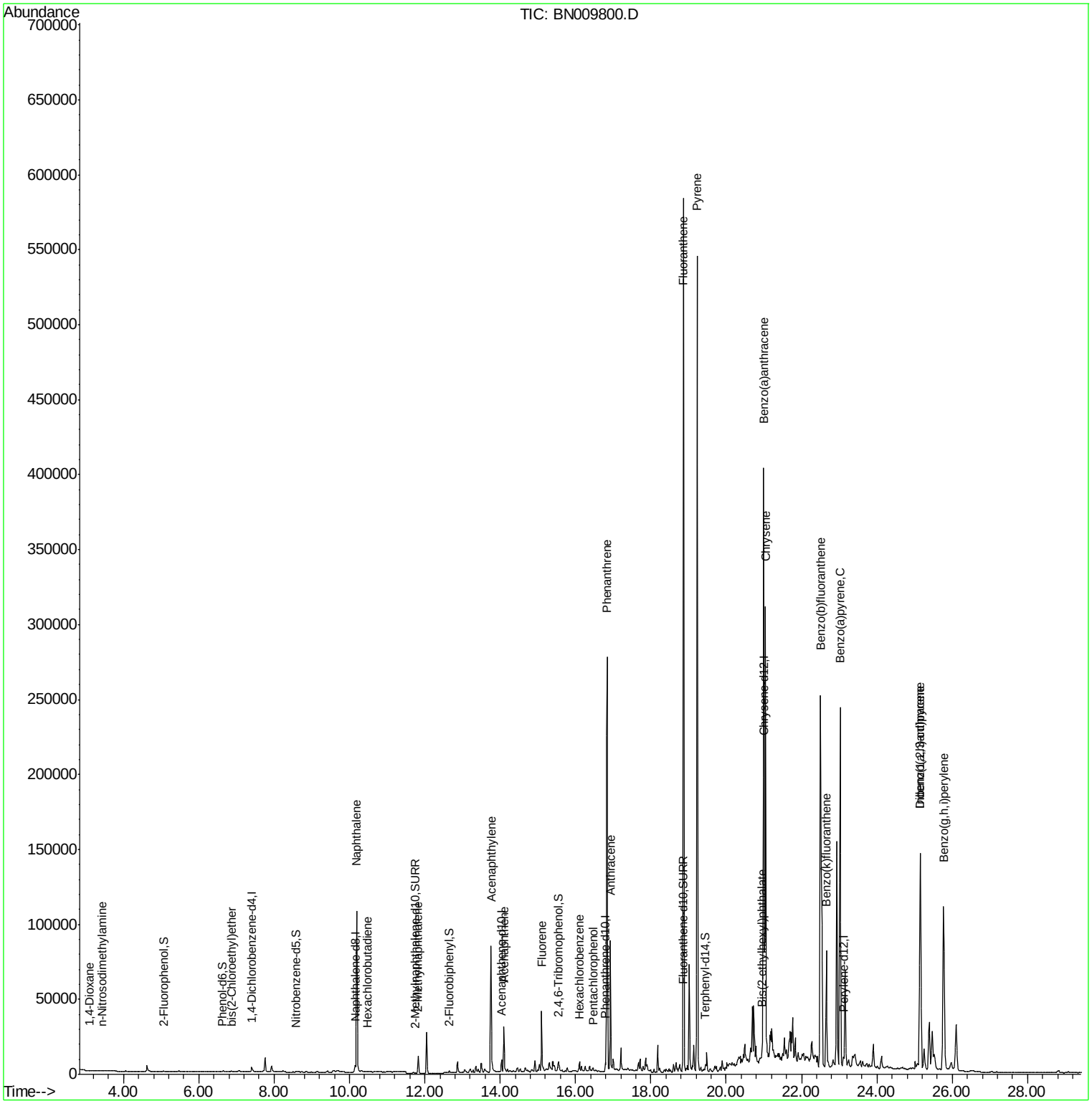
(#) = qualifier out of range (m) = manual integration (+) = signals summed

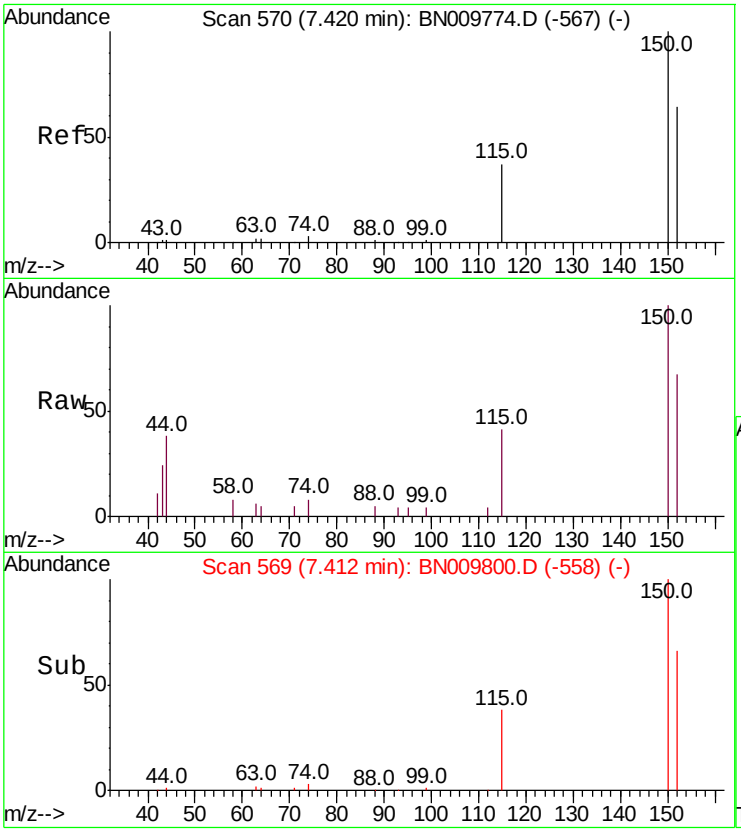
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
Data File : BN009800.D
Acq On : 21 Feb 2020 03:57
Operator : CG/JU
Sample : L1482-04MSD 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 21 04:28:20 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



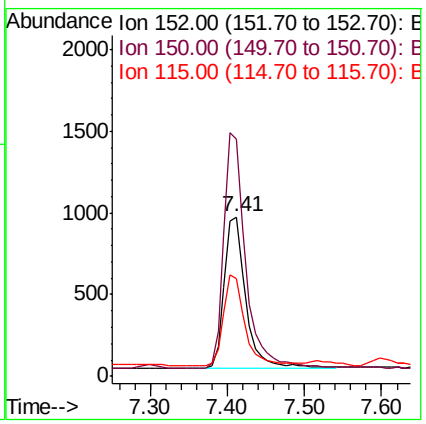


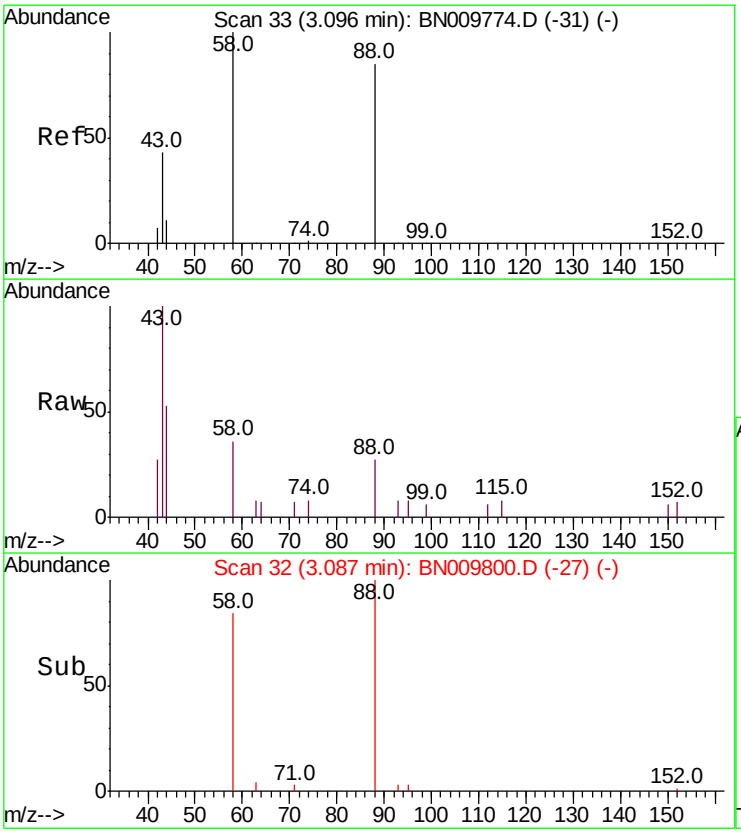
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1779

Ion	Ratio	Lower	Upper
152	100		
150	148.9	120.6	181.0
115	60.9	51.2	76.8

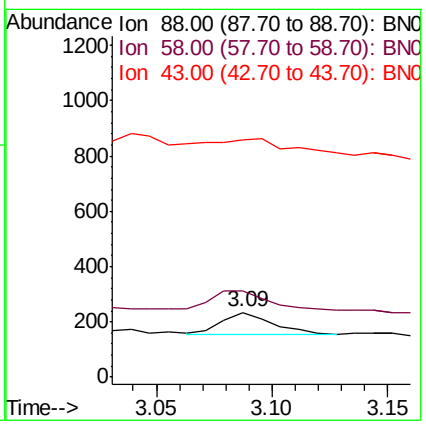


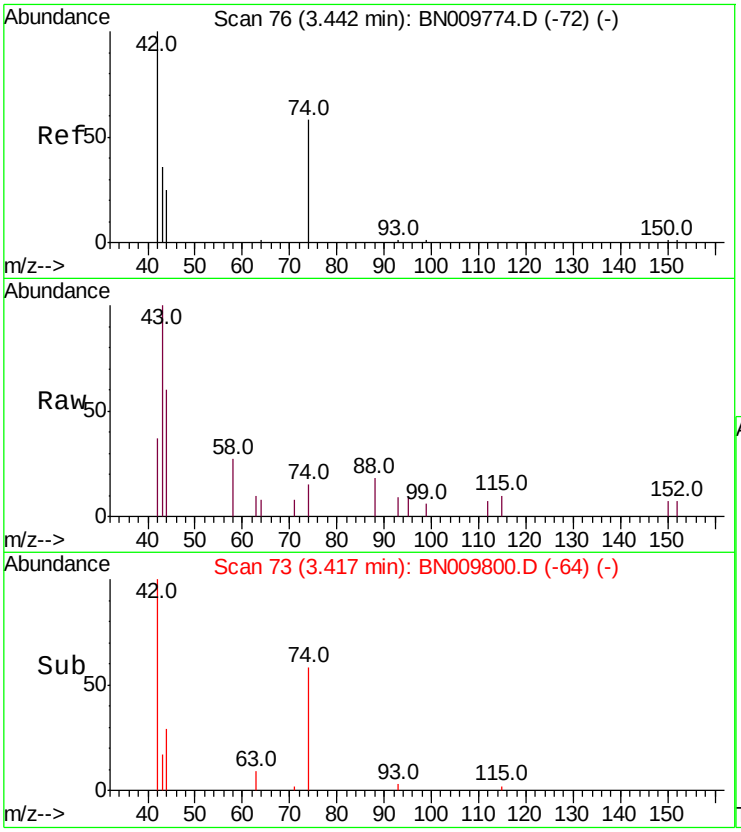


#2
1,4-Dioxane
Concen: 0.065 ng
RT: 3.09 min Scan# 32
Delta R.T. -0.01 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion: 88 Resp: 118

Ion	Ratio	Lower	Upper
88	100		
58	100.8	97.8	146.8
43	0.0	45.1	67.7#



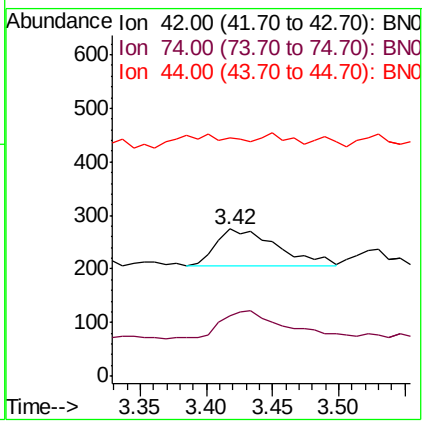


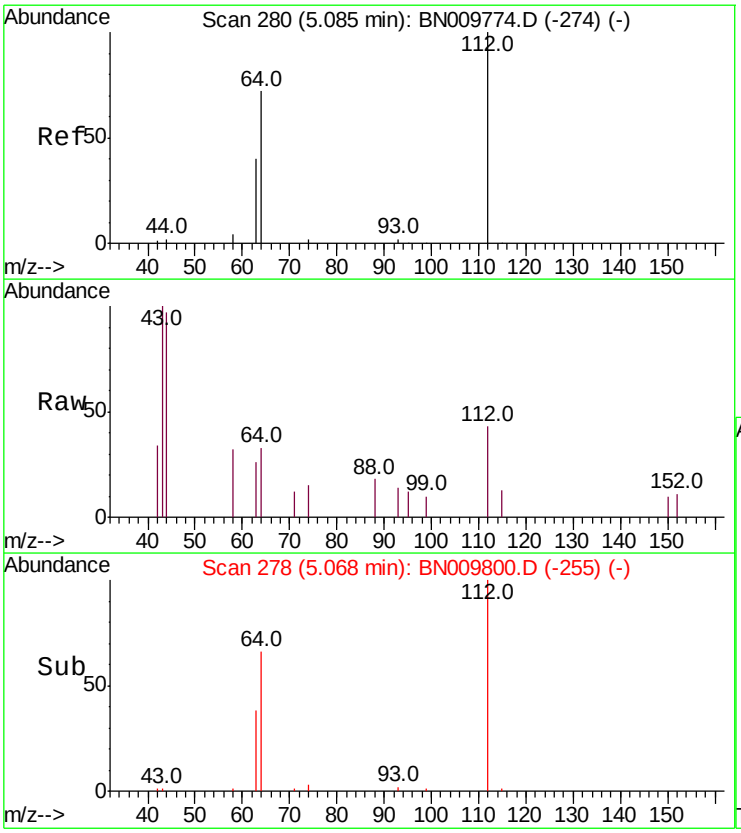
#3
n-Nitrosodimethylamine
Concen: 0.072 ng
RT: 3.42 min Scan# 73
Delta R.T. -0.02 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 215

Ion	Ratio	Lower	Upper
42	100		
74	0.0	51.2	76.8#
44	35.3	2.6	4.0#

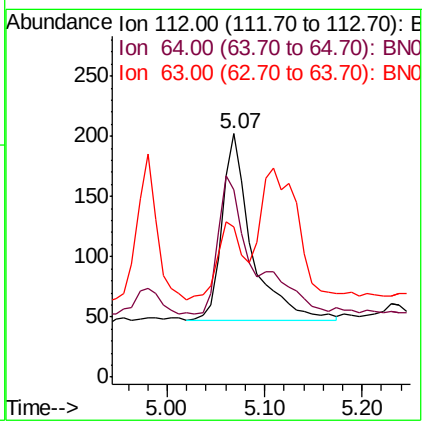


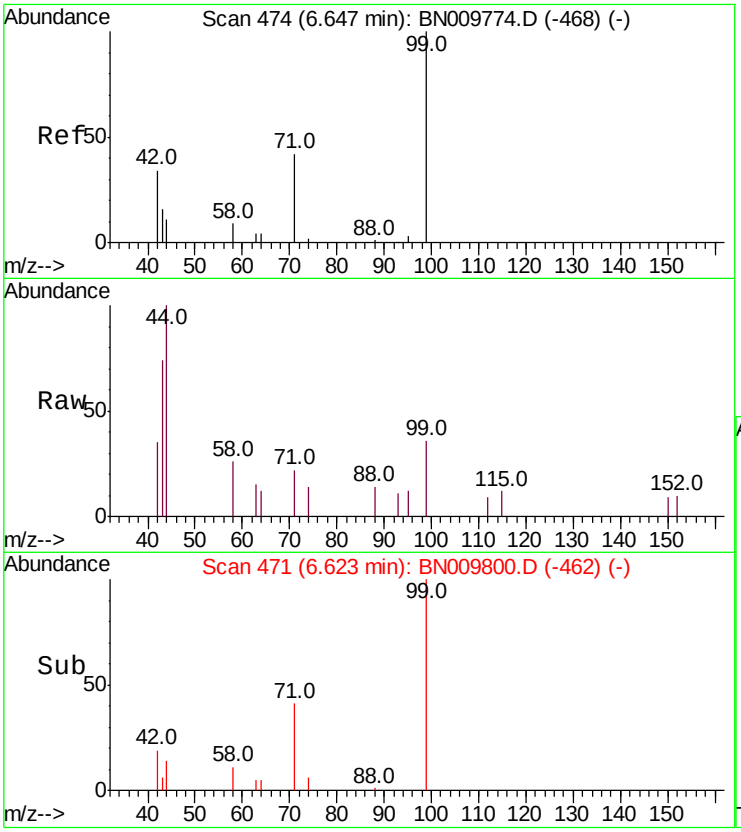


#4
2-Fluorophenol
Concen: 0.084 ng
RT: 5.07 min Scan# 278
Delta R.T. -0.02 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion:112 Resp: 332

Ion	Ratio	Lower	Upper
112	100		
64	87.3	65.8	98.6
63	36.4	38.7	58.1#



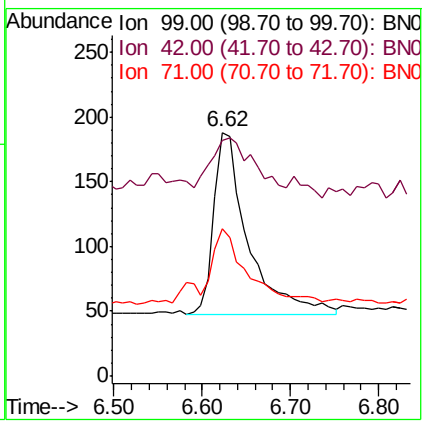


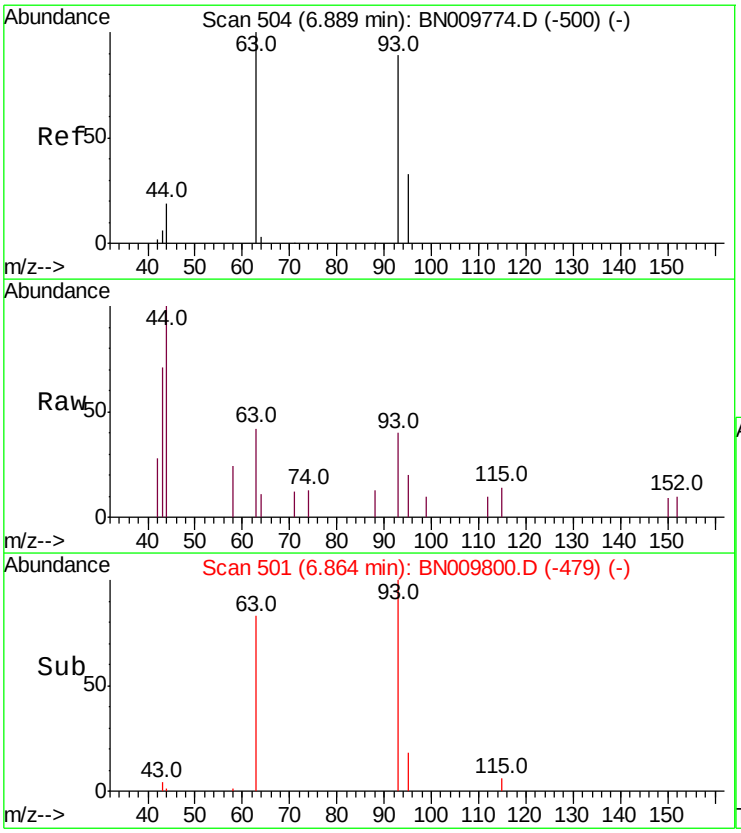
#5
Phenol-d6
Concen: 0.079 ng
RT: 6.62 min Scan# 471
Delta R.T. -0.02 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 381

Ion	Ratio	Lower	Upper
99	100		
42	34.1	30.8	46.2
71	40.7	34.9	52.3

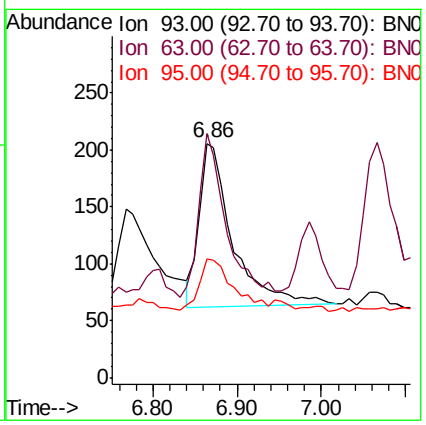


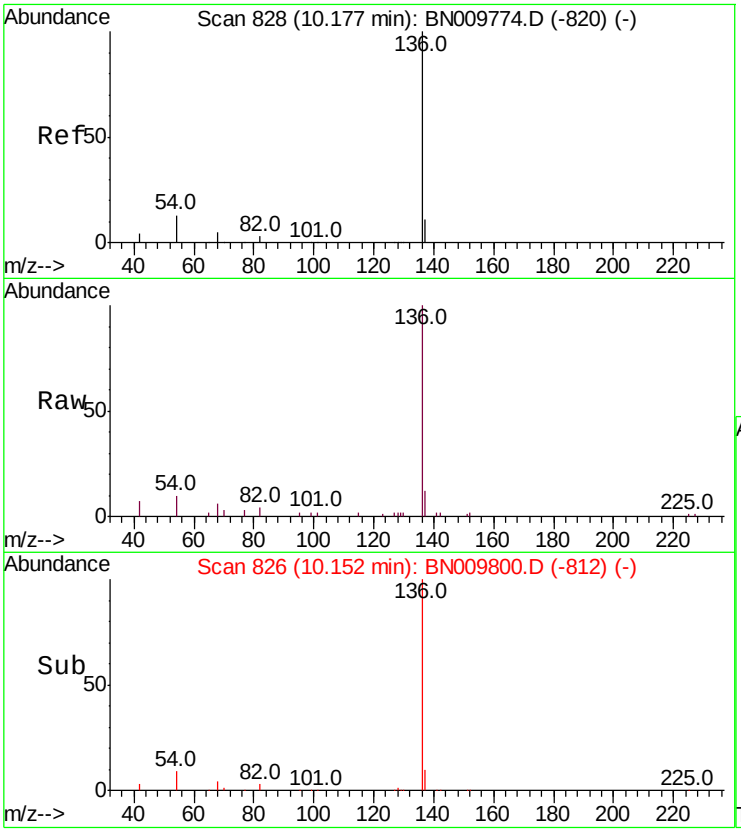


#6
bis(2-Chloroethyl)ether
Concen: 0.086 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.02 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion: 93 Resp: 401

Ion	Ratio	Lower	Upper
93	100		
63	80.5	74.0	111.0
95	31.2	26.7	40.1



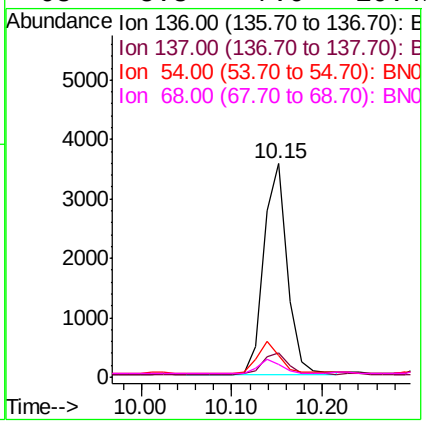


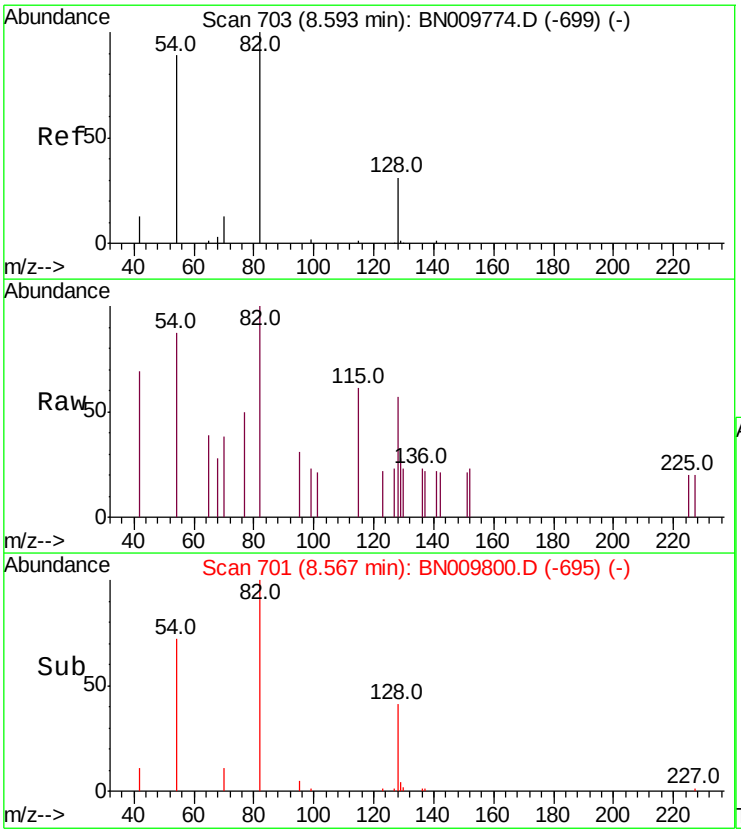
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.03 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 6346

Ion	Ratio	Lower	Upper
136	100		
137	11.7	11.3	16.9
54	10.4	13.4	20.2#
68	5.8	7.0	10.4#

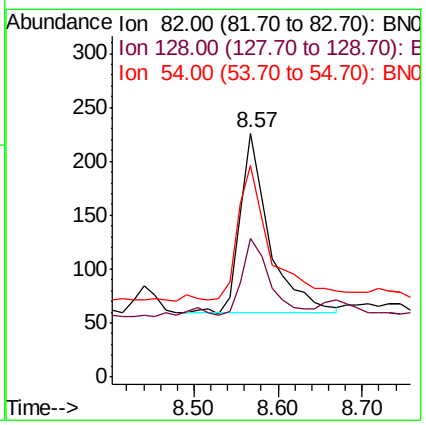


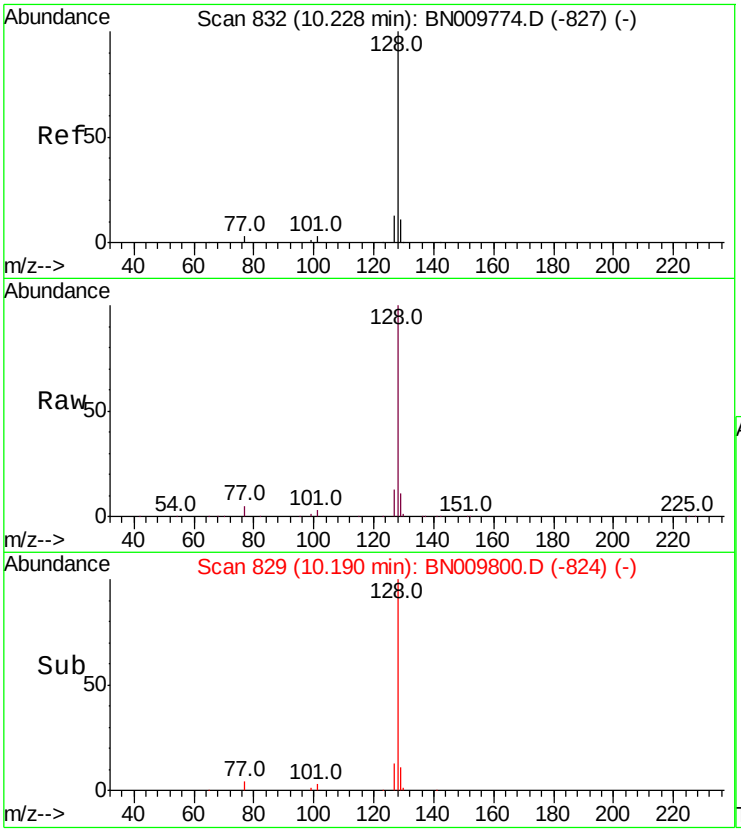


#8
Nitrobenzene-d5
Concen: 0.075 ng
RT: 8.57 min Scan# 701
Delta R.T. -0.03 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion: 82 Resp: 396

Ion	Ratio	Lower	Upper
82	100		
128	57.1	32.5	48.7#
54	86.7	73.5	110.3



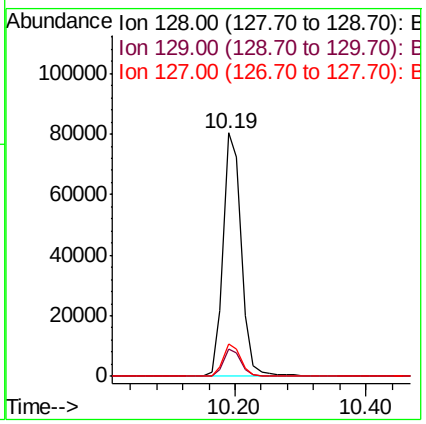


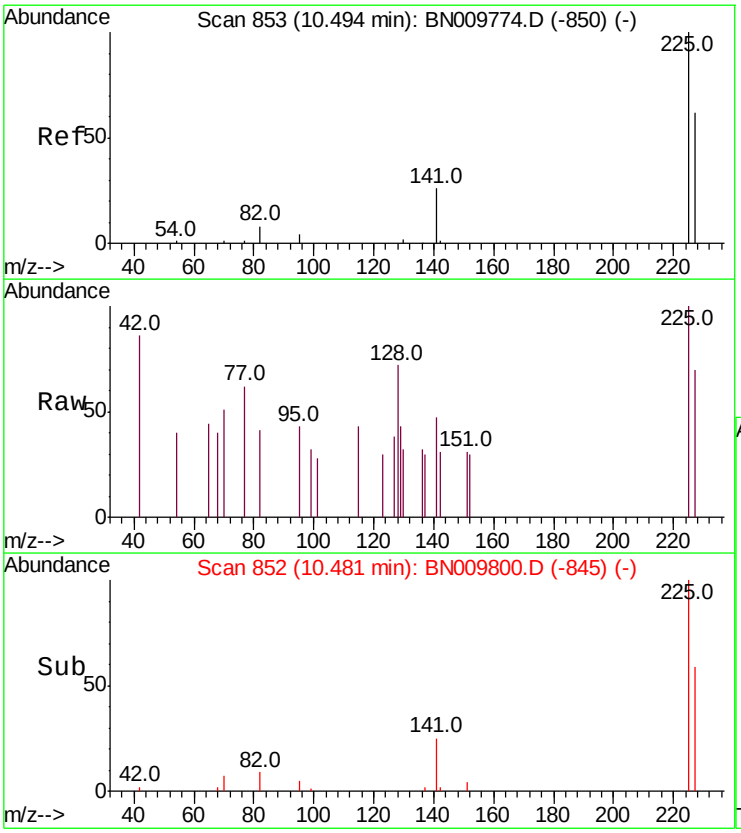
#9
Naphthalene
Concen: 8.911 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.04 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 154227

Ion	Ratio	Lower	Upper
128	100		
129	11.0	11.1	16.7#
127	13.4	12.6	19.0

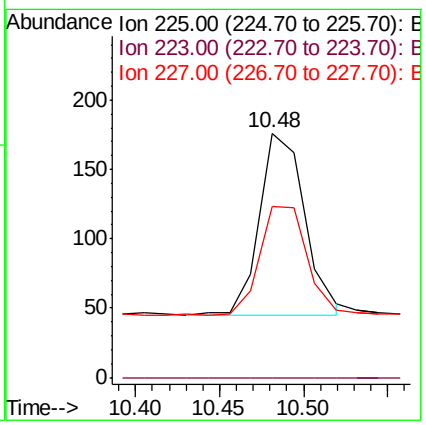


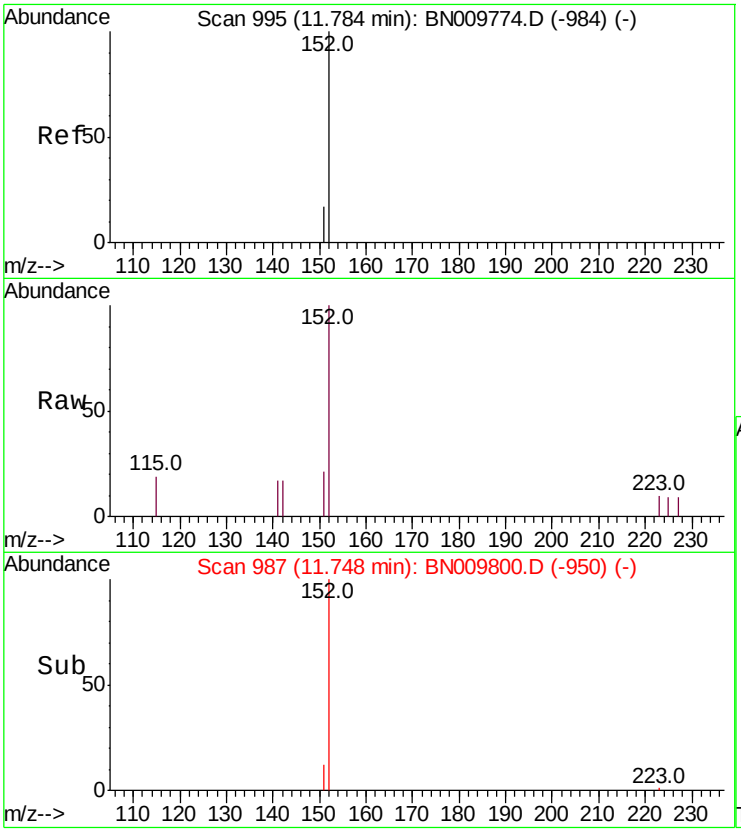


#10
Hexachlorobutadiene
Concen: 0.064 ng
RT: 10.48 min Scan# 852
Delta R.T. -0.01 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion:225 Resp: 245

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.4	53.4	80.2



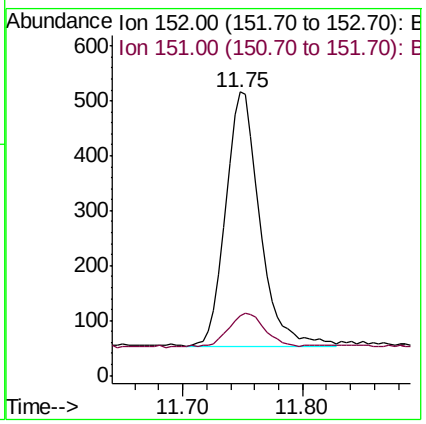


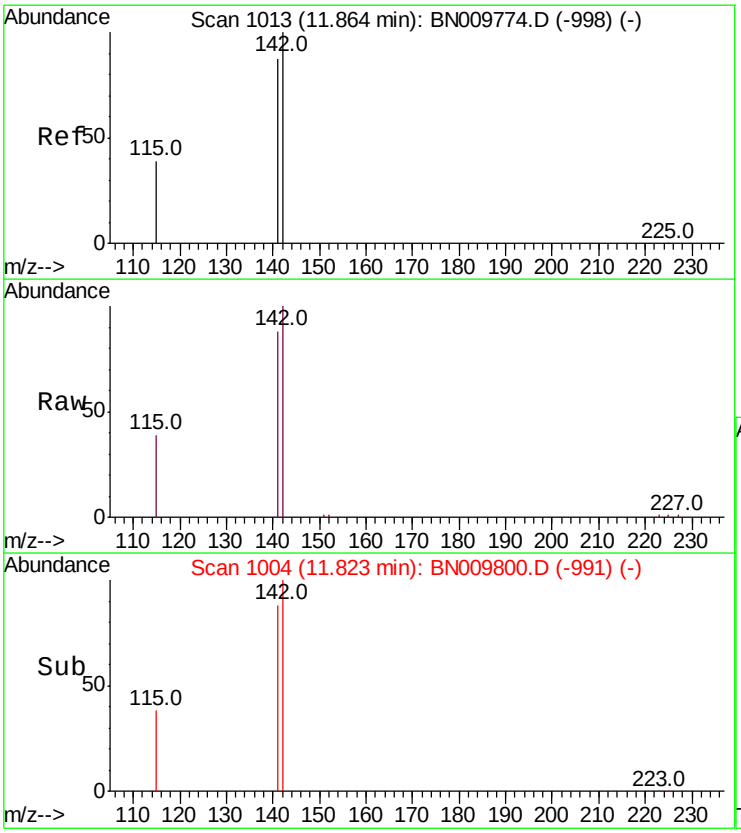
#11
2-Methylnaphthalene-d10
Concen: 0.075 ng
RT: 11.75 min Scan# 987
Delta R.T. -0.04 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 920

Ion	Ratio	Lower	Upper
152	100		
151	14.8	15.1	22.7#

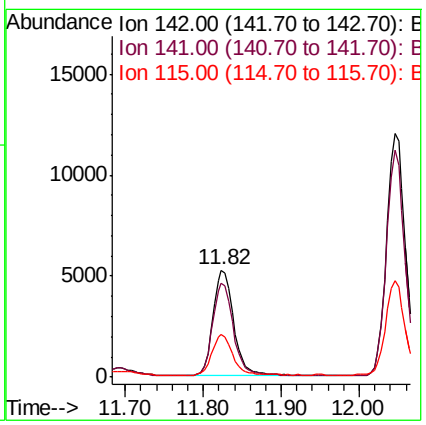


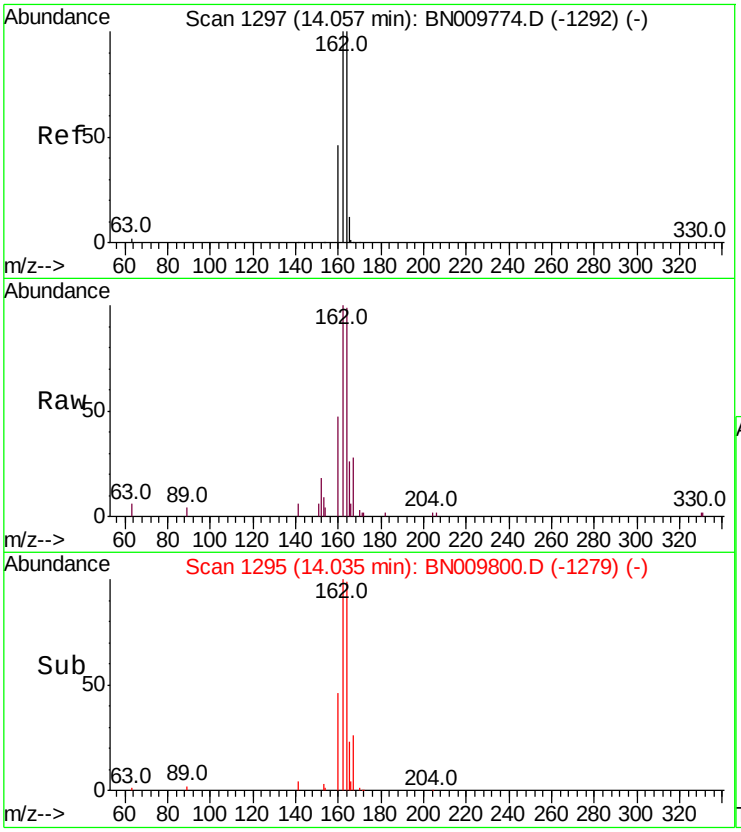


#12
2-Methylnaphthalene
Concen: 0.812 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion:142 Resp: 9639

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.8	104.6
115	39.5	34.6	52.0



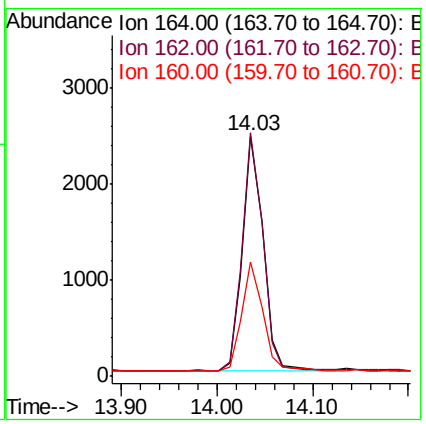


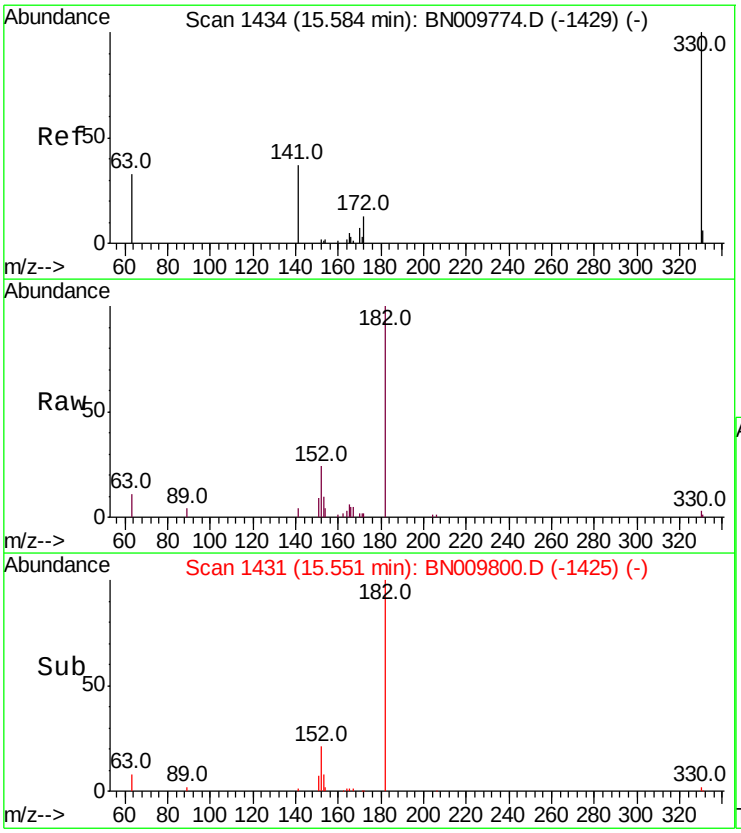
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3747

Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.9	119.9
160	47.5	38.2	57.2

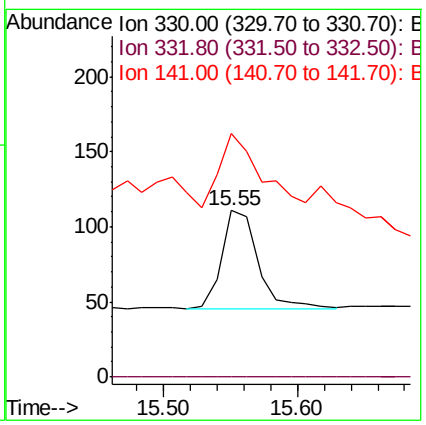


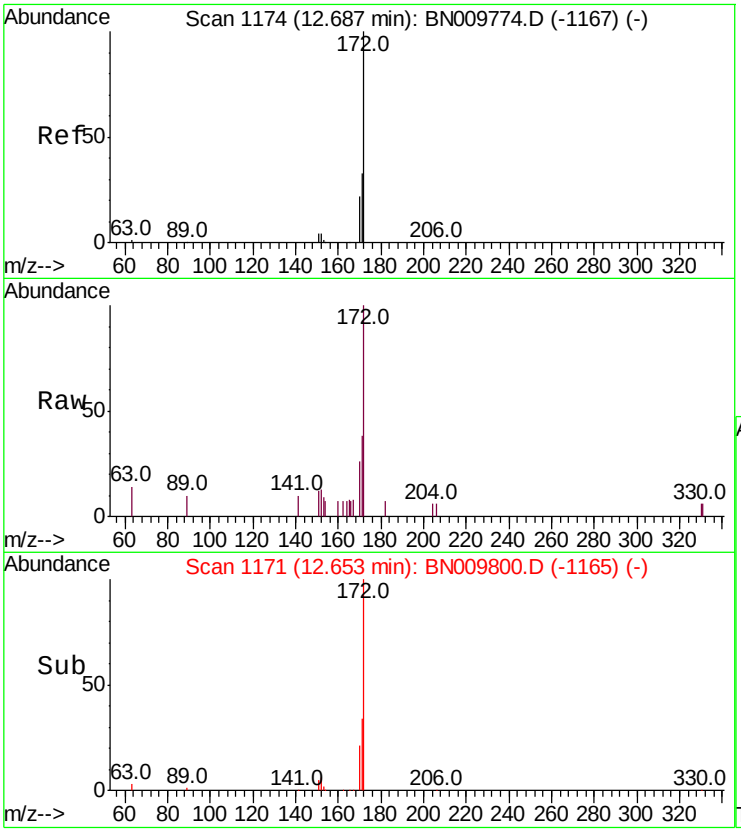


#14
2,4,6-Tribromophenol
Concen: 0.088 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion:330 Resp: 127

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	80.3	36.8	55.2#



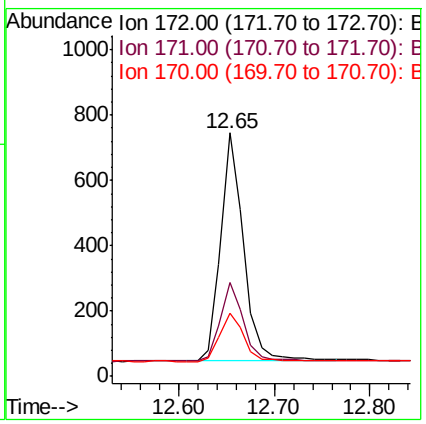


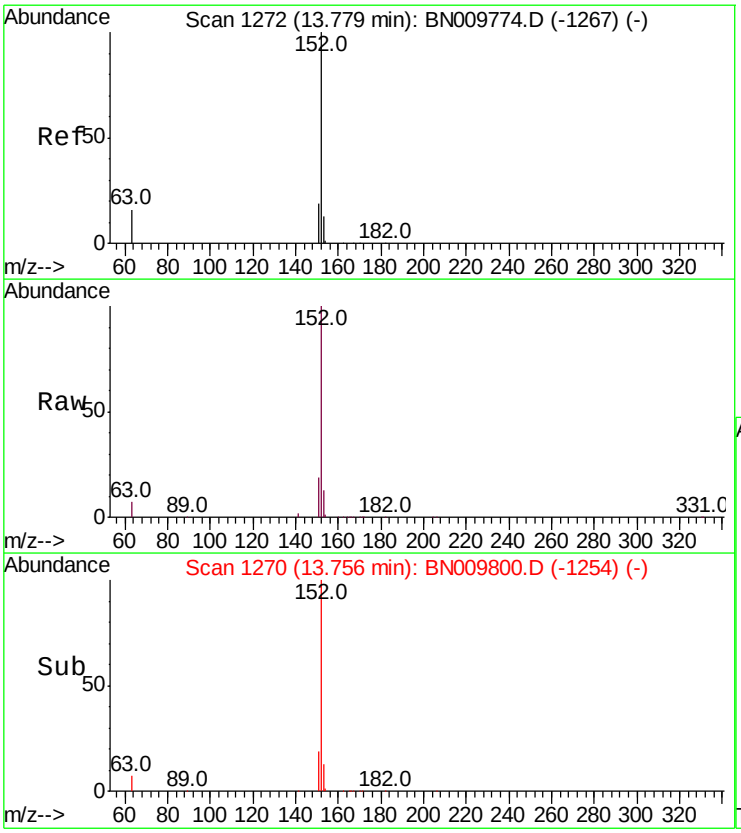
#15
2-Fluorobiphenyl
Concen: 0.083 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 1168

Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.7	43.1
170	26.1	20.1	30.1

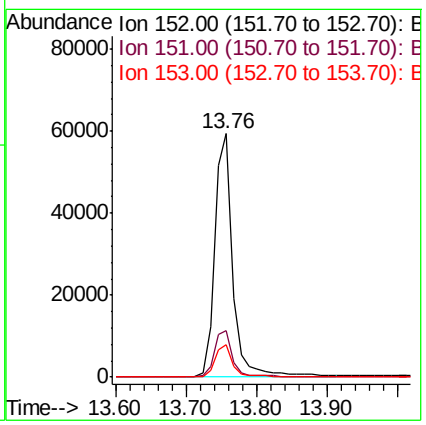


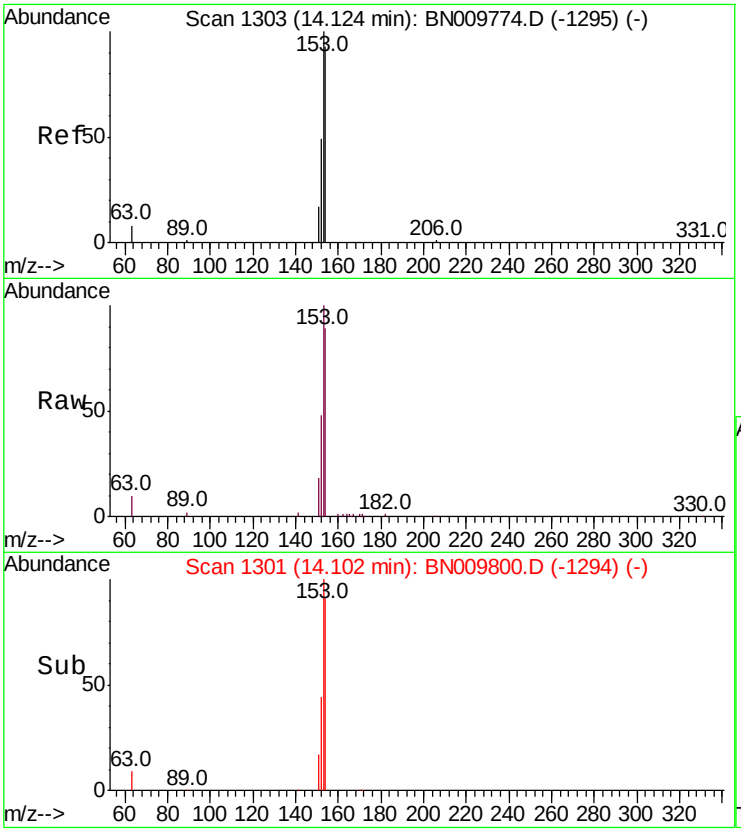


#16
Acenaphthylene
Concen: 6.680 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion:152 Resp: 106708

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.2	10.2	15.4



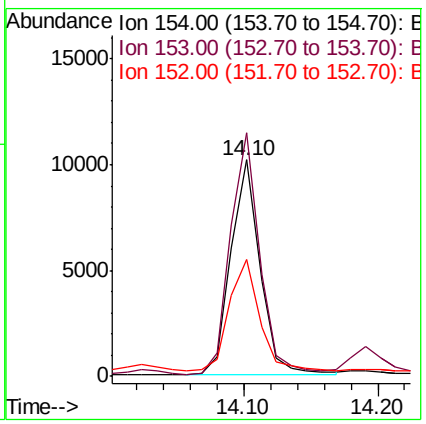


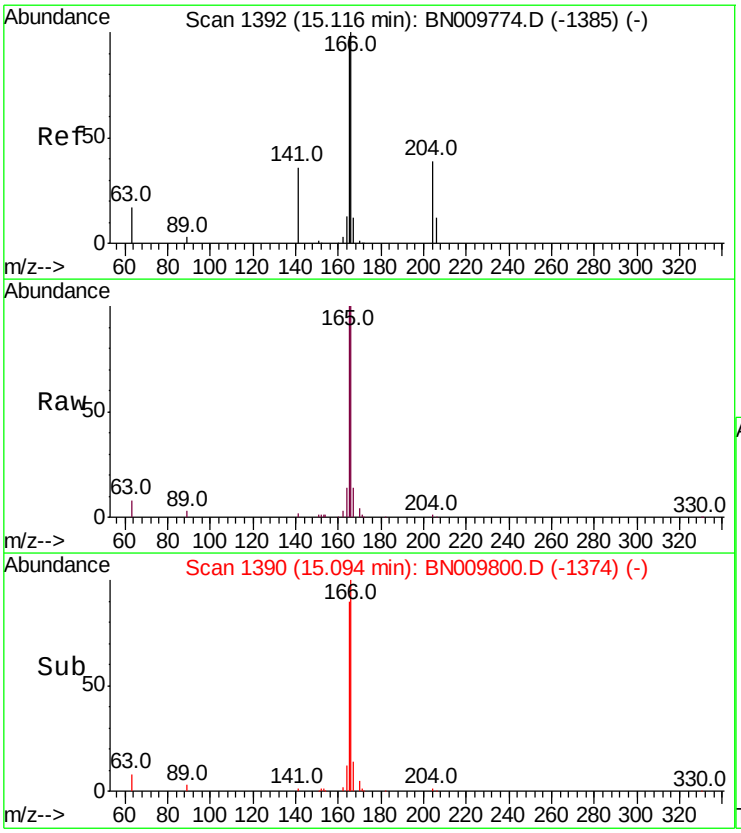
#17
Acenaphthene
Concen: 1.362 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 15301

Ion	Ratio	Lower	Upper
154	100		
153	113.1	88.9	133.3
152	53.7	44.2	66.2

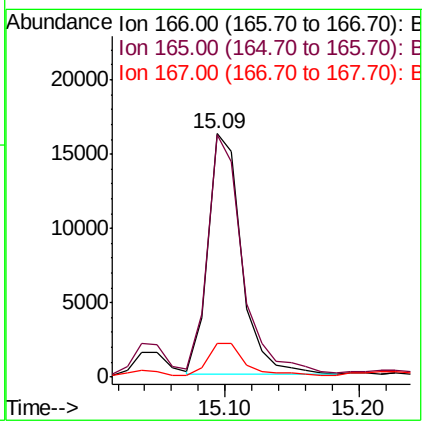


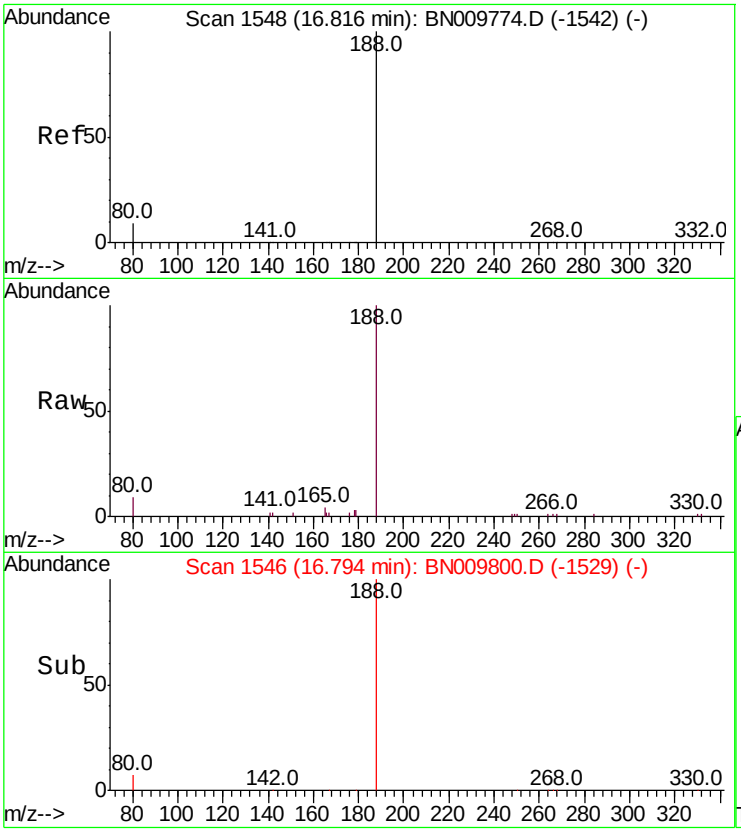


#18
Fluorene
Concen: 1.904 ng
RT: 15.09 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion:166 Resp: 28216

Ion	Ratio	Lower	Upper
166	100		
165	101.6	77.2	115.8
167	14.7	10.5	15.7



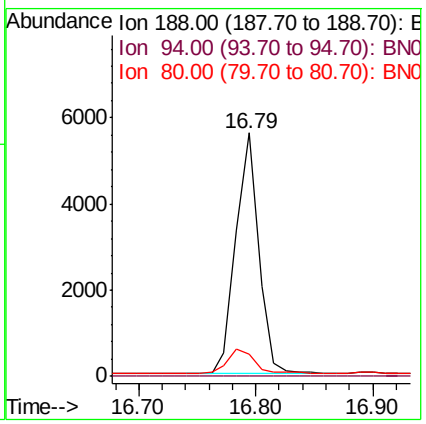


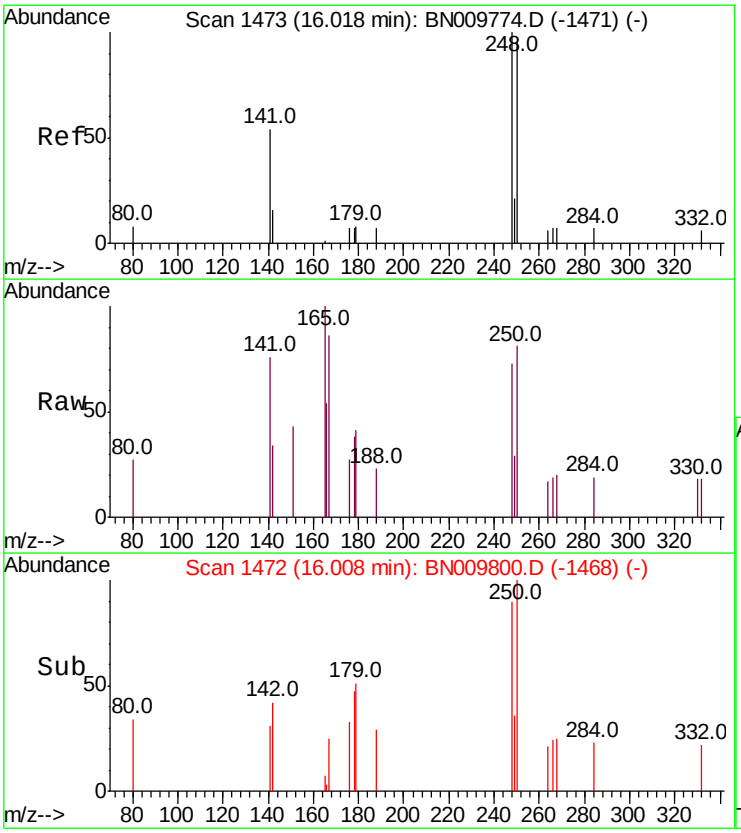
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 7572

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	8.3	12.5

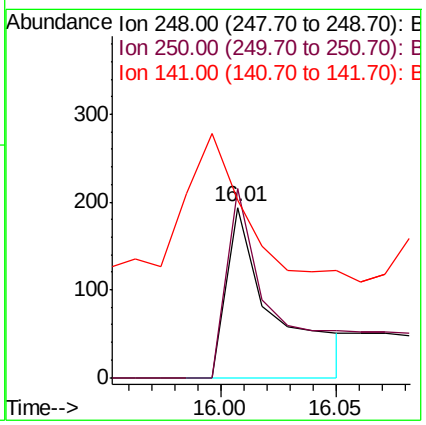


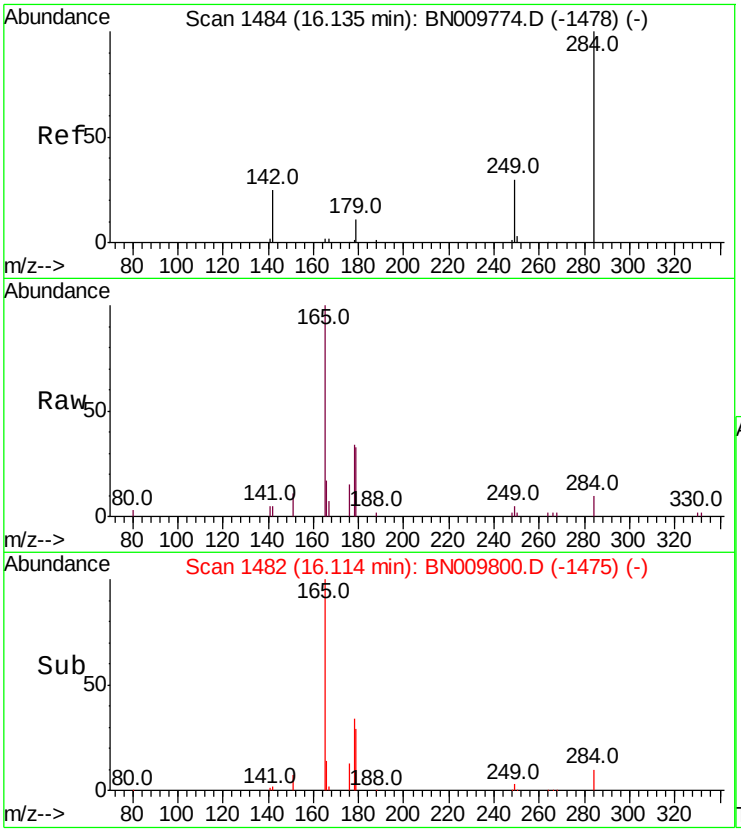


#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion:248 Resp: 283

Ion	Ratio	Lower	Upper
248	100		
250	110.8	76.2	114.4
141	104.1	57.8	86.6#



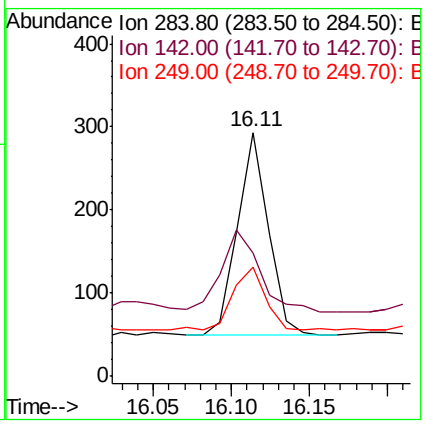


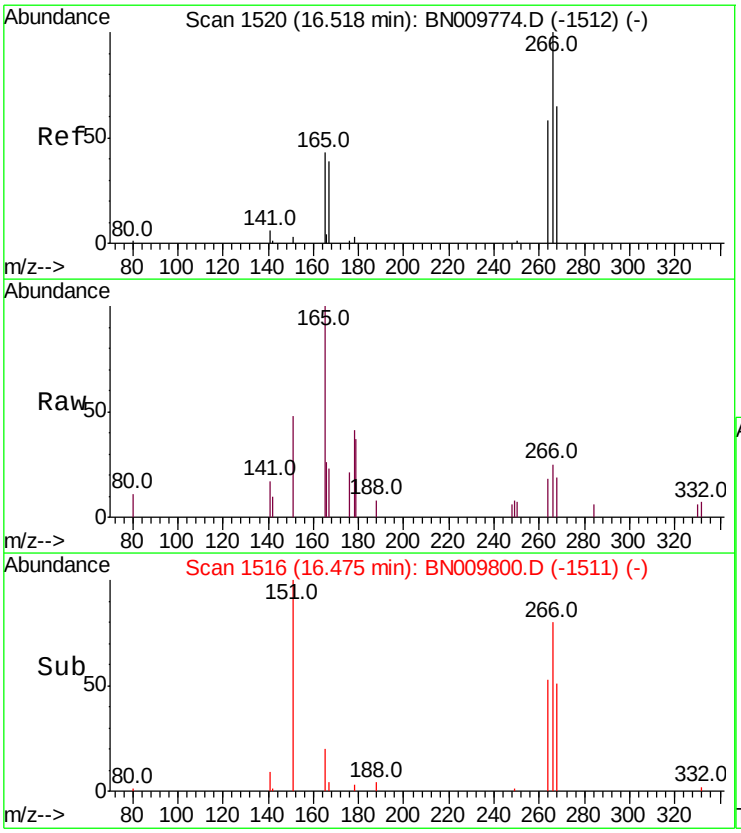
#21
Hexachlorobenzene
Concen: 0.071 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 337

Ion	Ratio	Lower	Upper
284	100		
142	50.4	33.3	49.9#
249	33.8	25.7	38.5

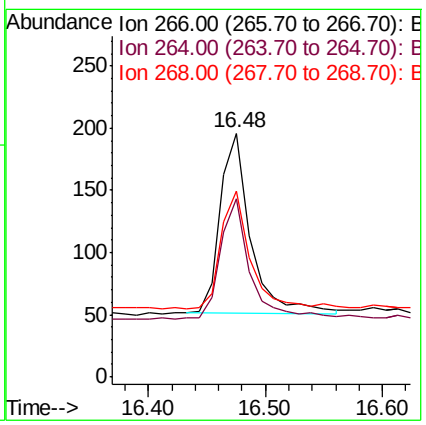


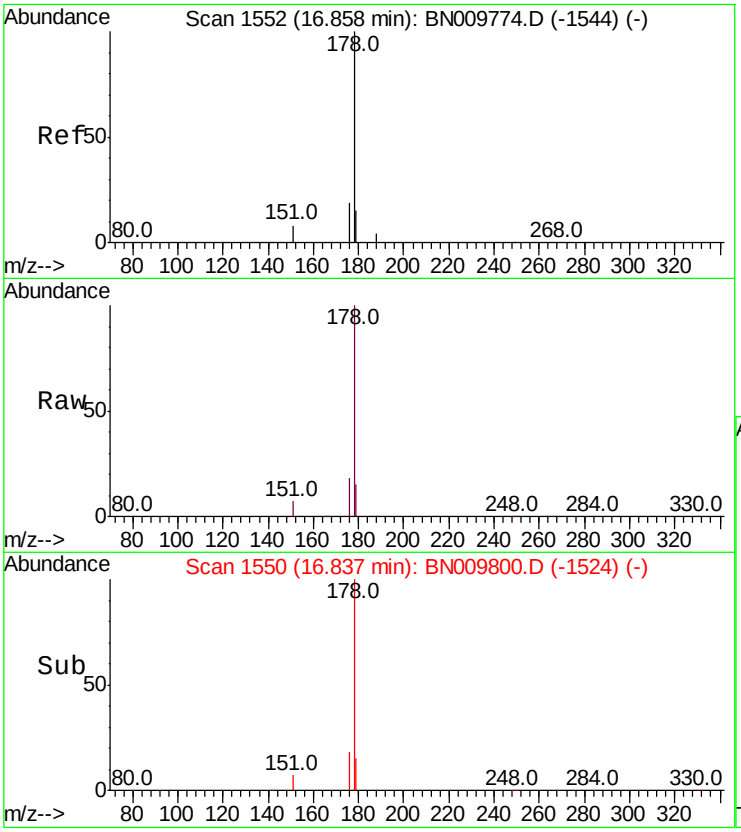


#22
Pentachlorophenol
Concen: 0.342 ng
RT: 16.48 min Scan# 1516
Delta R.T. -0.04 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion:266 Resp: 258

Ion	Ratio	Lower	Upper
266	100		
264	73.0	58.1	87.1
268	76.0	65.7	98.5



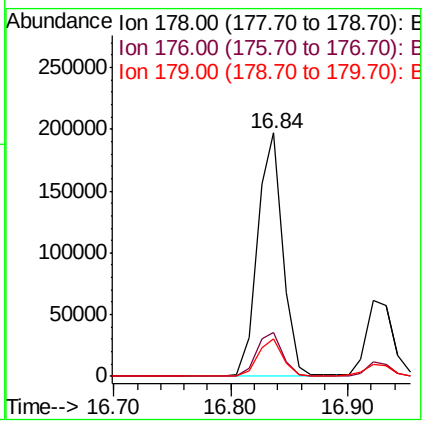


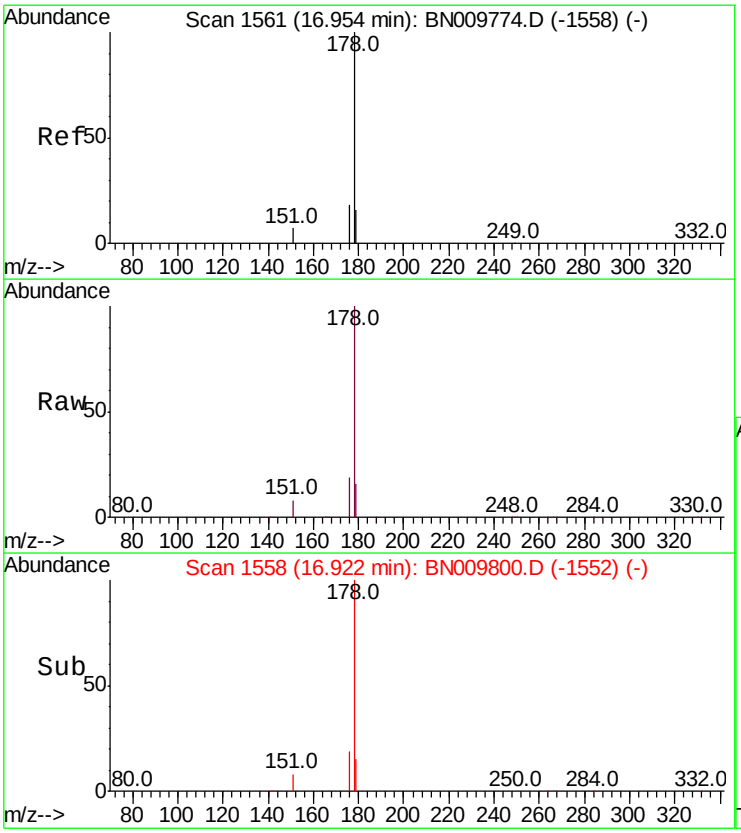
#23
Phenanthrene
Concen: 13.152 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 296385

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

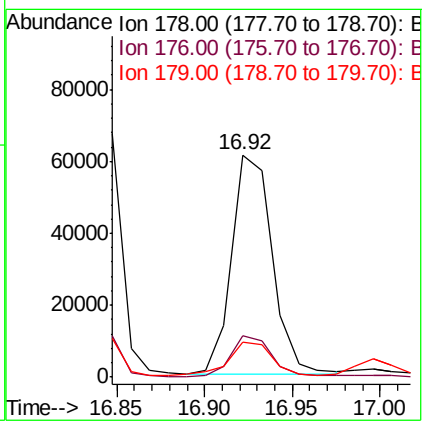


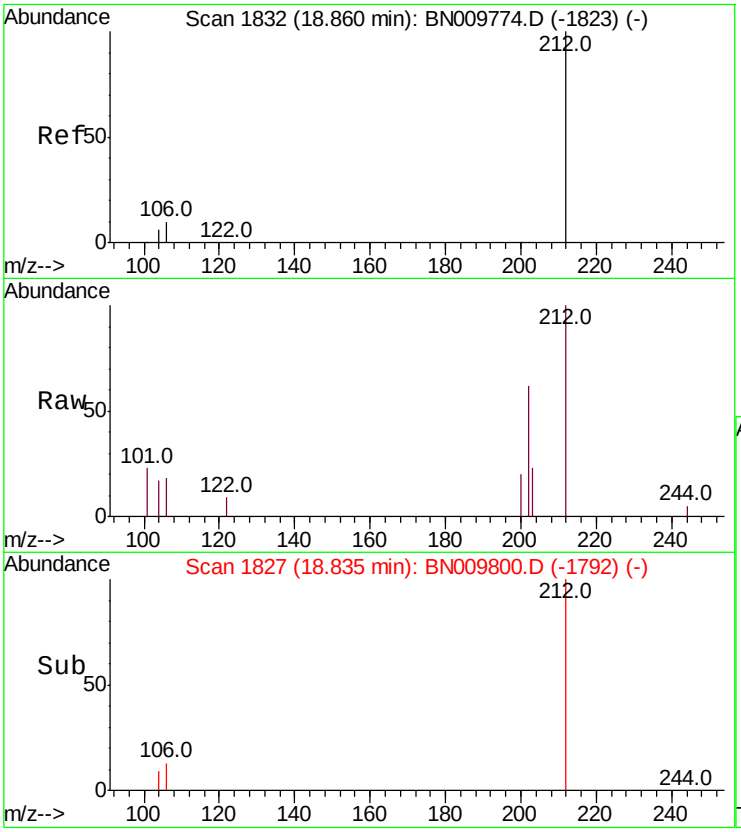


#24
Anthracene
Concen: 5.061 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.03 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion:178 Resp: 96406

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.3	21.5
179	16.3	12.4	18.6



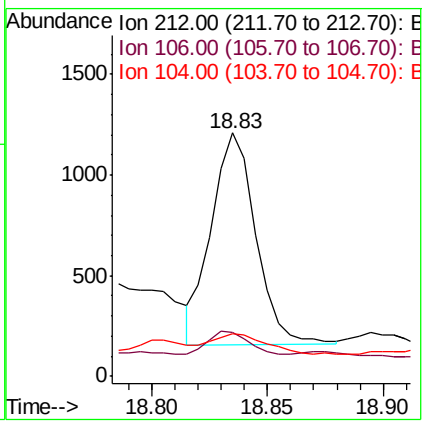


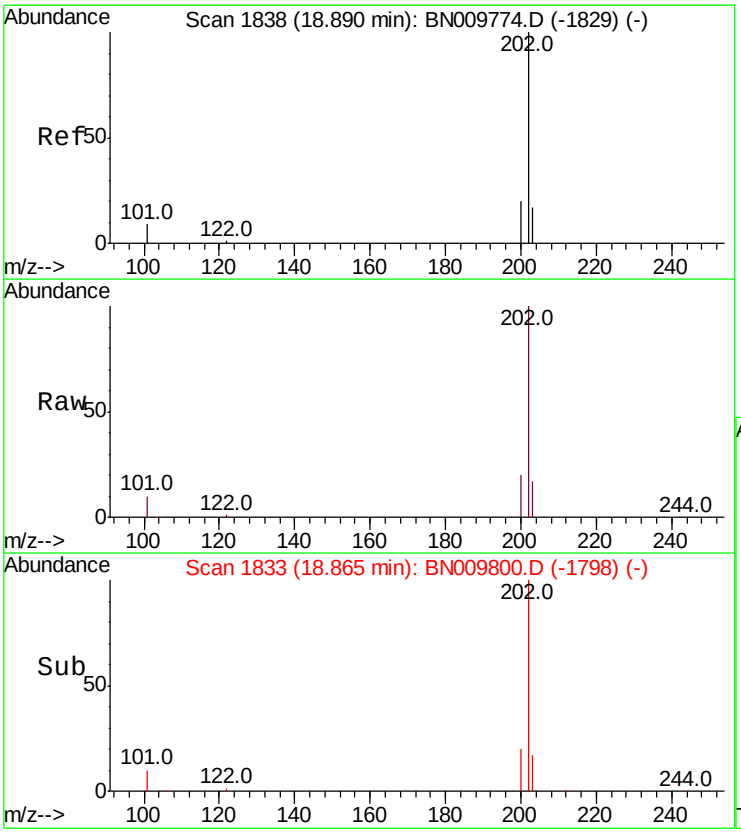
#25
Fluoranthene-d10
Concen: 0.054 ng
RT: 18.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 1403

Ion	Ratio	Lower	Upper
212	100		
106	11.8	8.4	12.6
104	13.5	4.8	7.2#

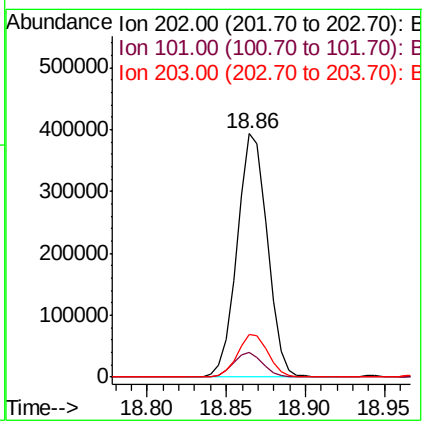


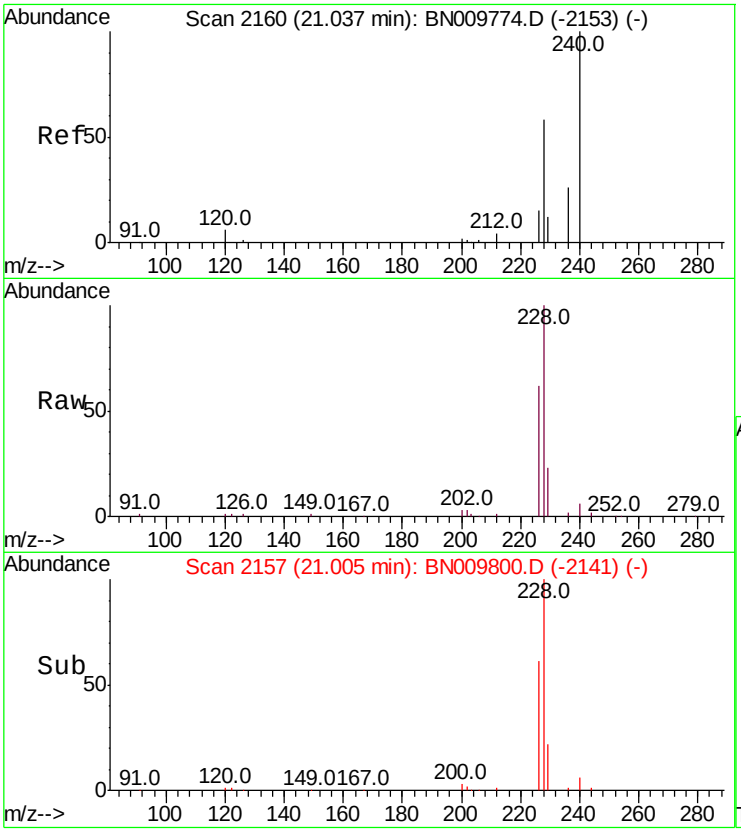


#26
Fluoranthene
Concen: 19.159 ng
RT: 18.86 min Scan# 1833
Delta R.T. -0.03 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion:202 Resp: 516965

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.1	10.7
203	17.5	13.8	20.6



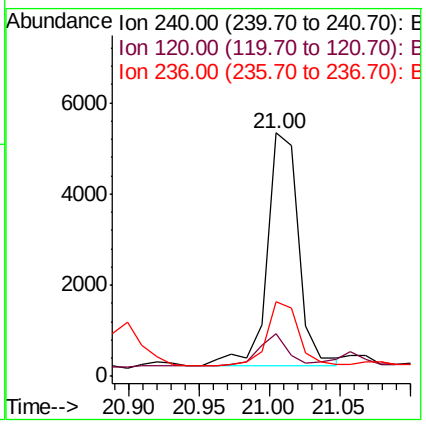


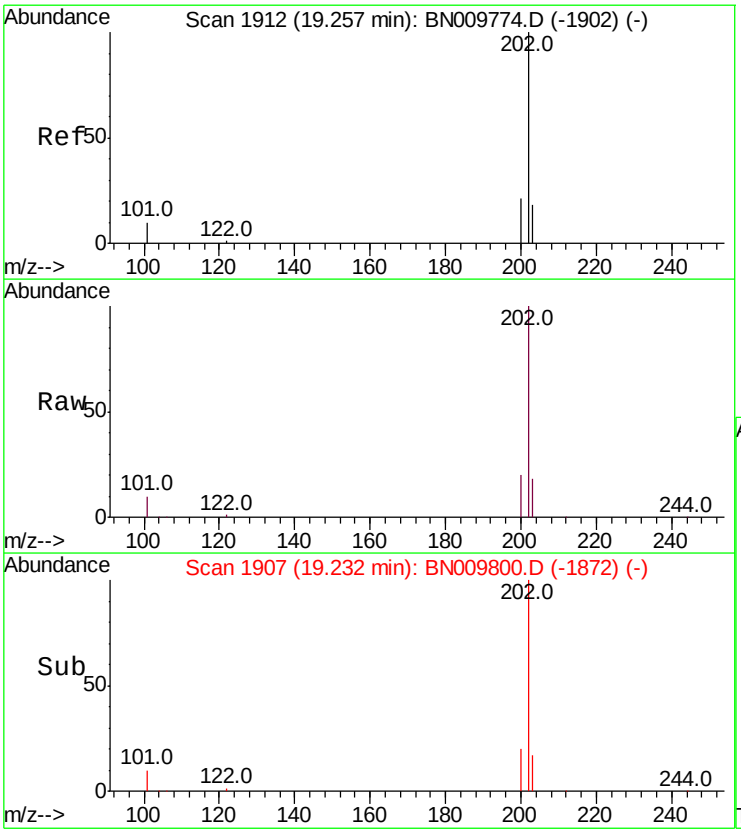
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.03 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 8031

Ion	Ratio	Lower	Upper
240	100		
120	17.7	7.9	11.9#
236	30.6	22.0	33.0

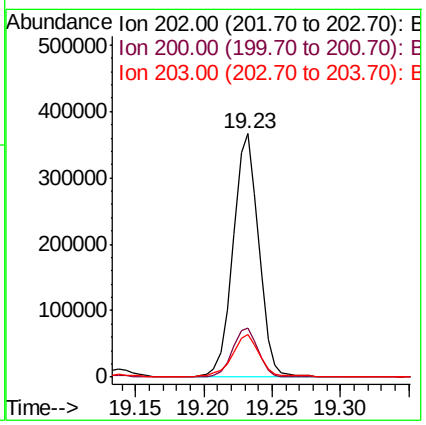


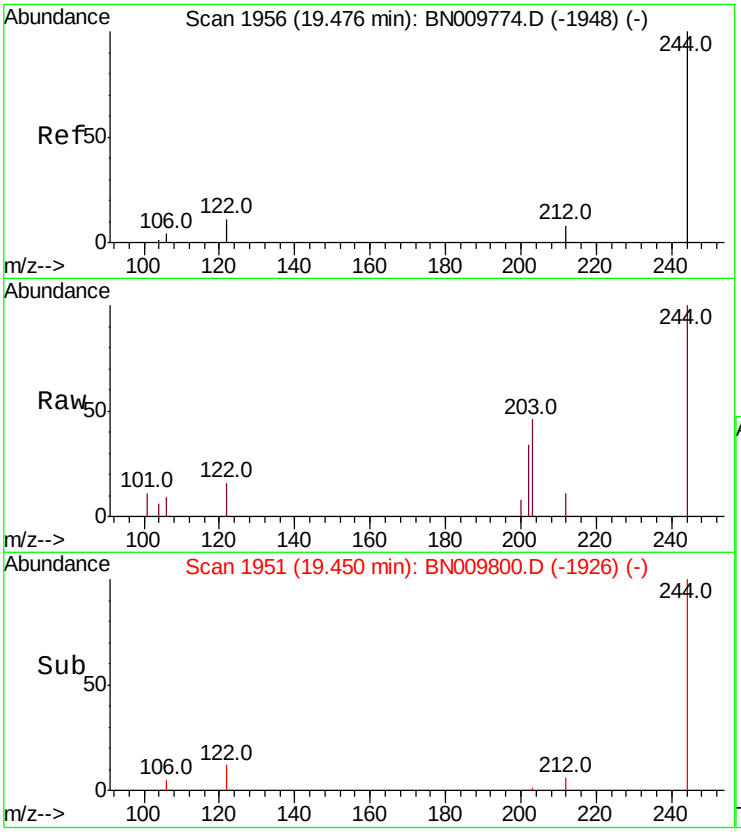


#28
Pyrene
Concen: 15.459 ng
RT: 19.23 min Scan# 1907
Delta R.T. -0.03 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion:202 Resp: 471450

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	19.1	13.9	20.9



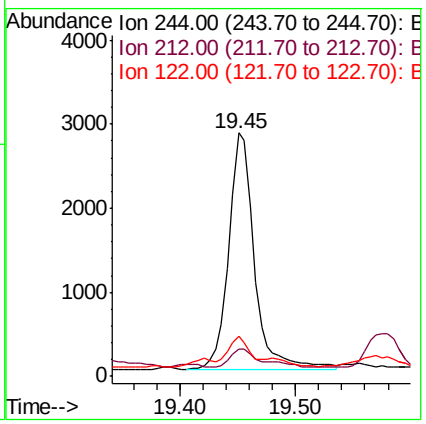


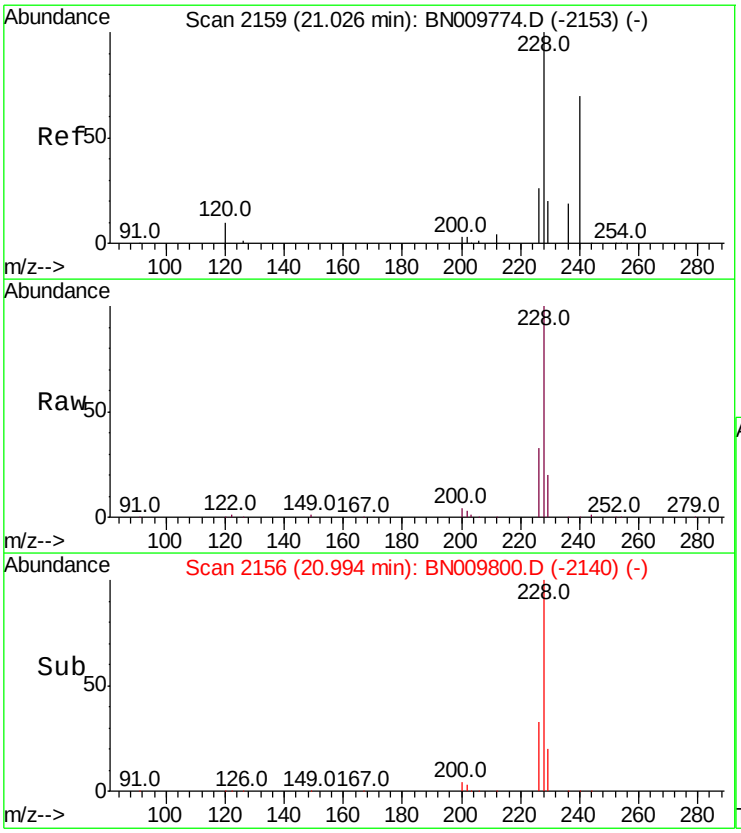
#29
Terphenyl-d14
Concen: 0.225 ng
RT: 19.45 min Scan# 1951
Delta R.T. -0.03 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4316

Ion	Ratio	Lower	Upper
244	100		
212	11.5	8.0	12.0
122	16.2	10.0	15.0#

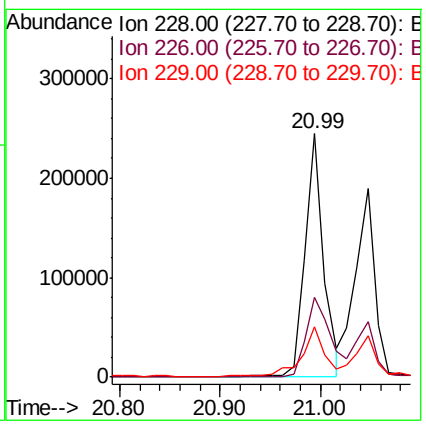


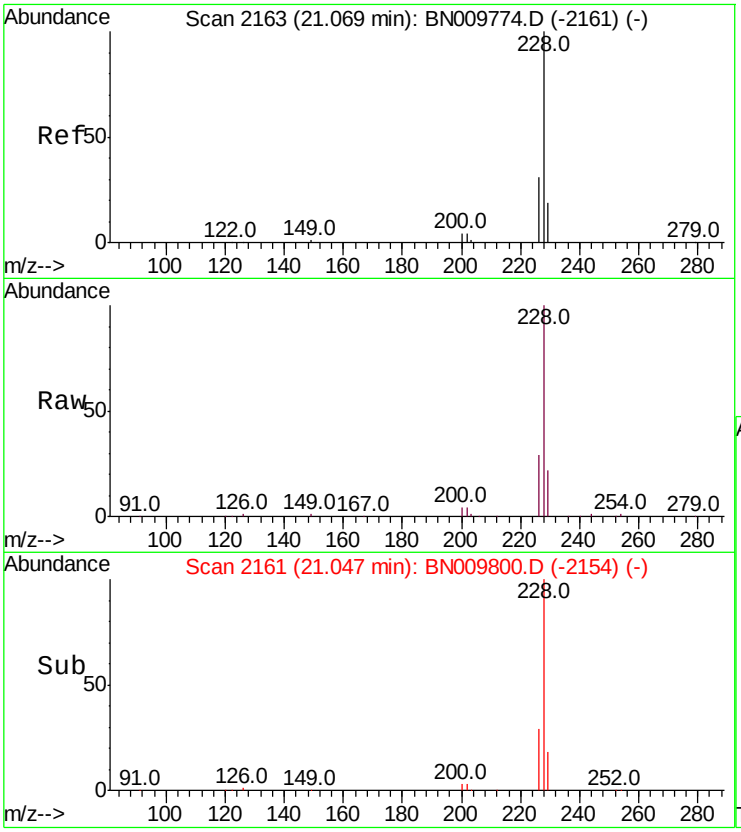


#30
Benzo(a)anthracene
Concen: 11.923 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.03 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion:228 Resp: 317765

Ion	Ratio	Lower	Upper
228	100		
226	32.7	21.8	32.8
229	20.5	17.1	25.7



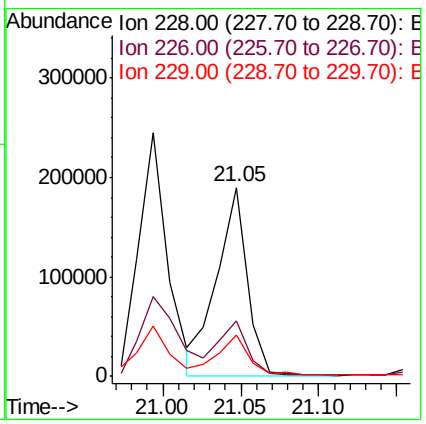


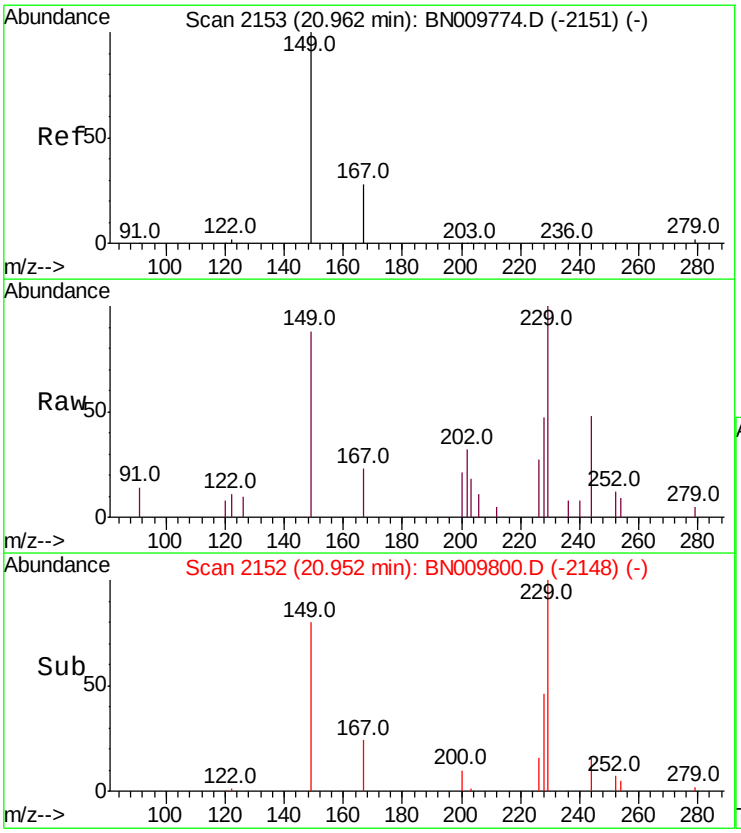
#31
Chrysene
Concen: 8.308 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 256176

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.8	37.2
229	22.0	16.4	24.6

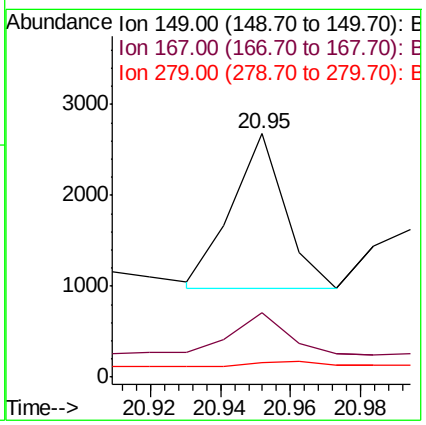


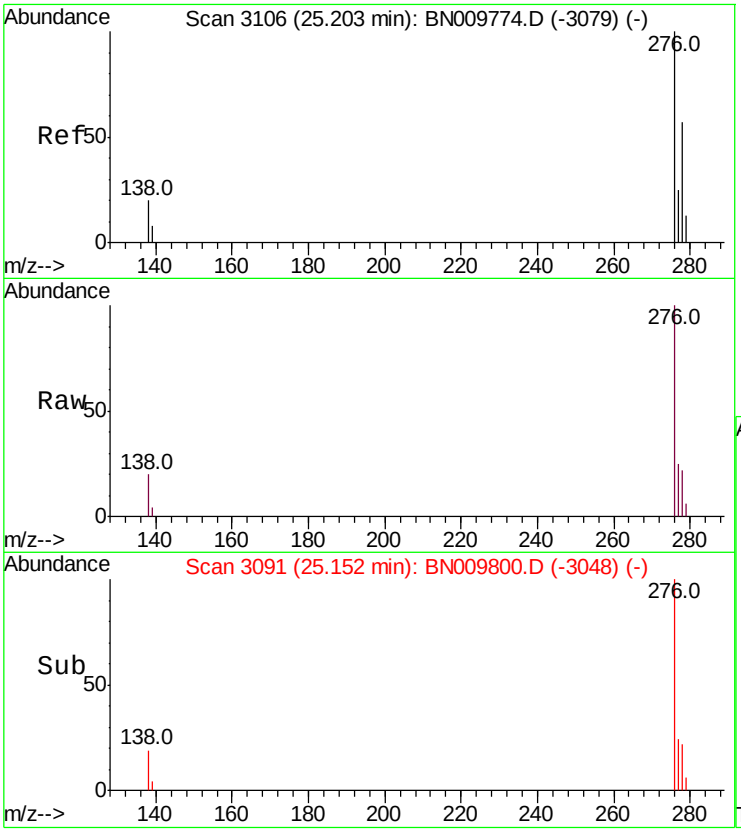


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.137 ng
RT: 20.95 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion:149 Resp: 1786

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.7	34.1
279	4.9	3.1	4.7#



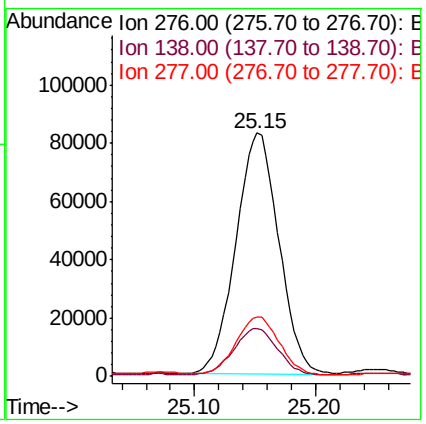


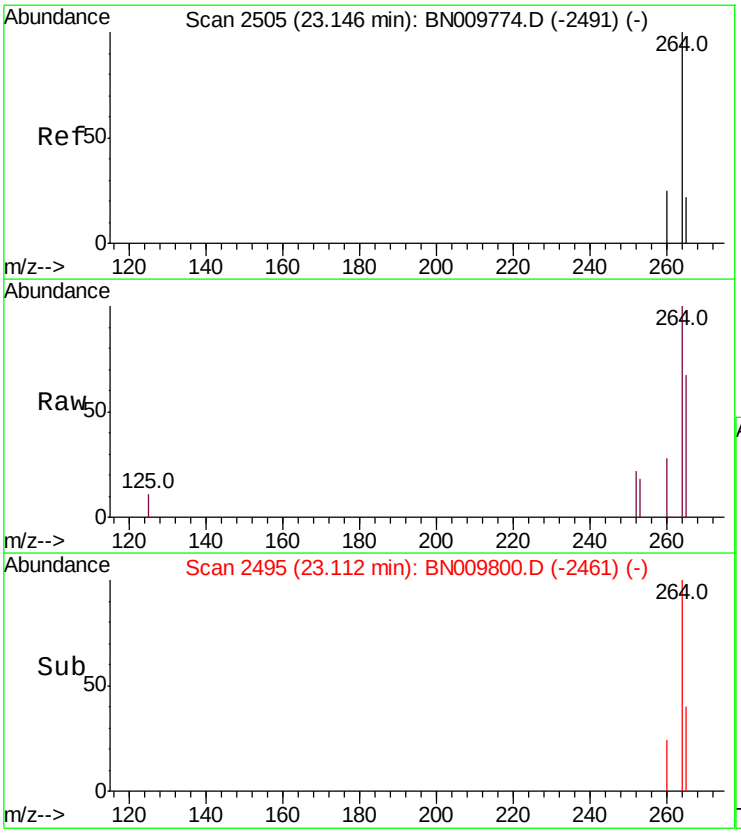
#33
Indeno(1,2,3-cd)pyrene
Concen: 6.336 ng
RT: 25.15 min Scan# 3091
Delta R.T. -0.05 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 203450

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.8	23.6
277	24.9	19.3	28.9

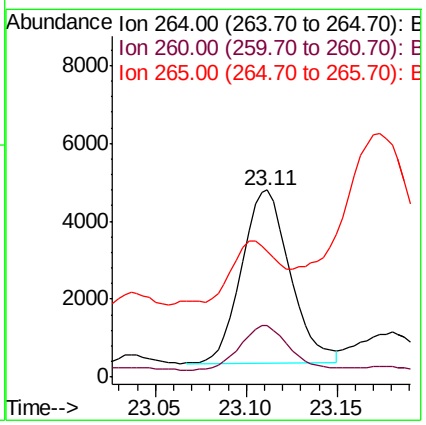


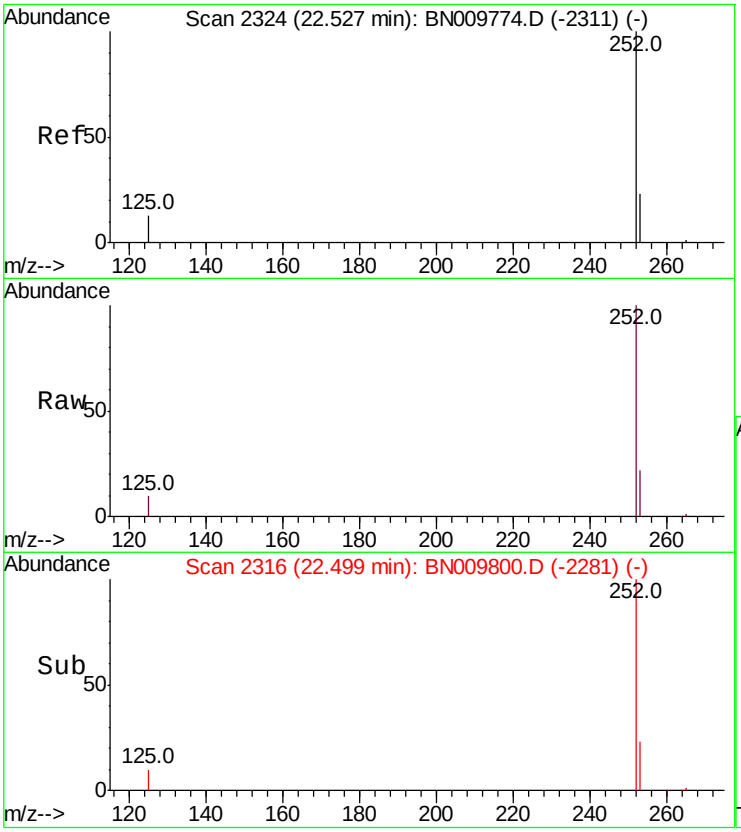


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2495
Delta R.T. -0.03 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion:264 Resp: 8314

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.1	31.7
265	67.3	57.5	86.3



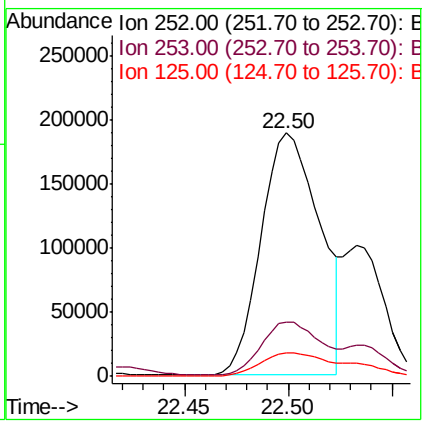


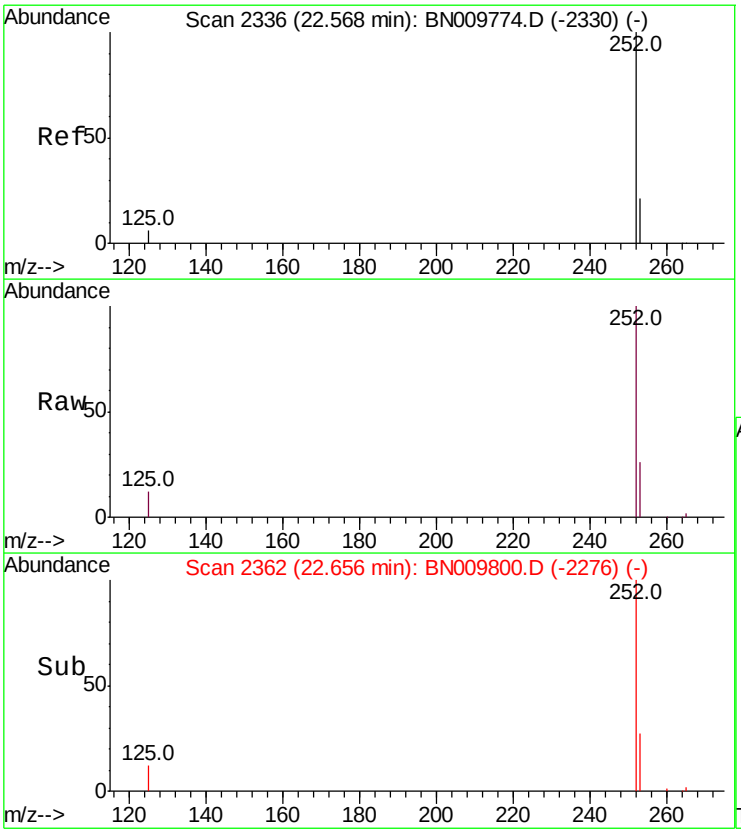
#35
Benzo(b)fluoranthene
Concen: 12.196 ng
RT: 22.50 min Scan# 2316
Delta R.T. -0.03 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 370676

Ion	Ratio	Lower	Upper
252	100		
253	22.4	23.0	34.6#
125	9.9	14.4	21.6#

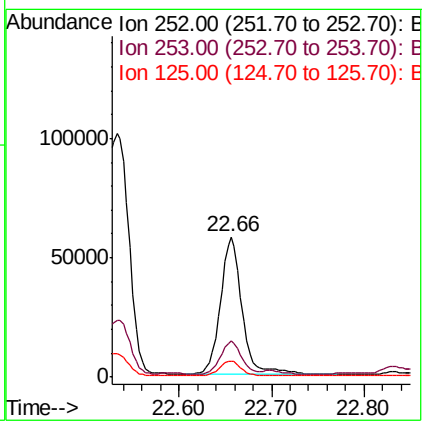


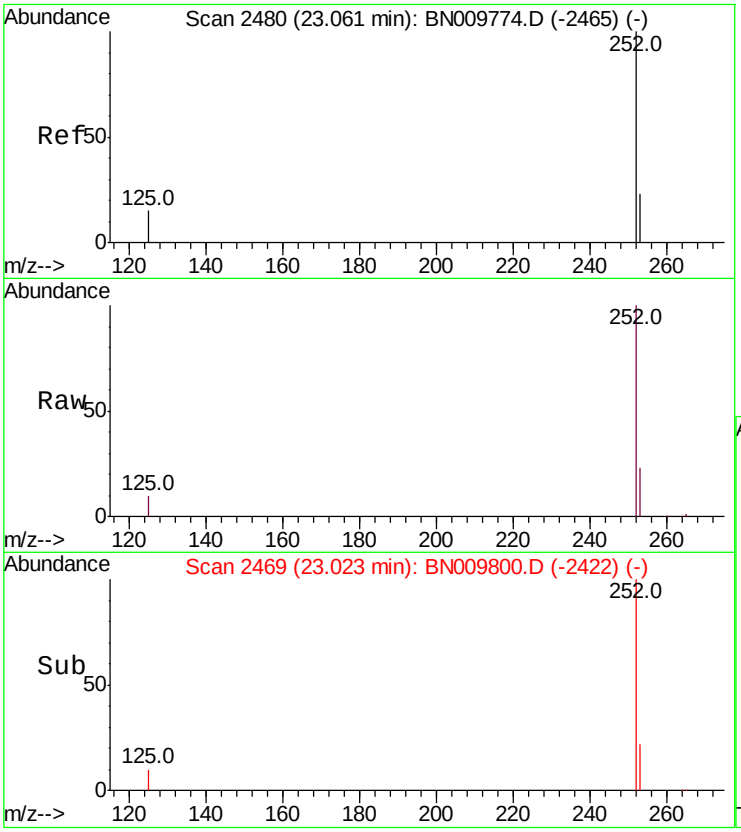


#36
Benzo(k)fluoranthene
Concen: 2.855 ng
RT: 22.66 min Scan# 2362
Delta R.T. 0.09 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion:252 Resp: 94468

Ion	Ratio	Lower	Upper
252	100		
253	25.6	22.2	33.2
125	11.6	10.5	15.7



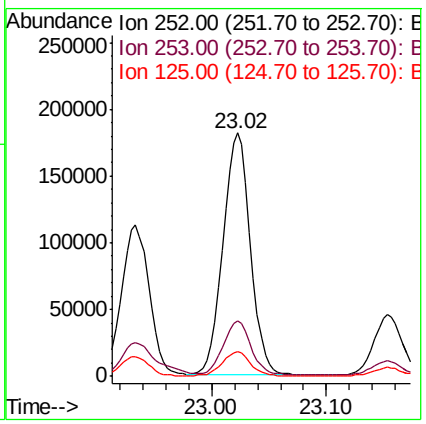


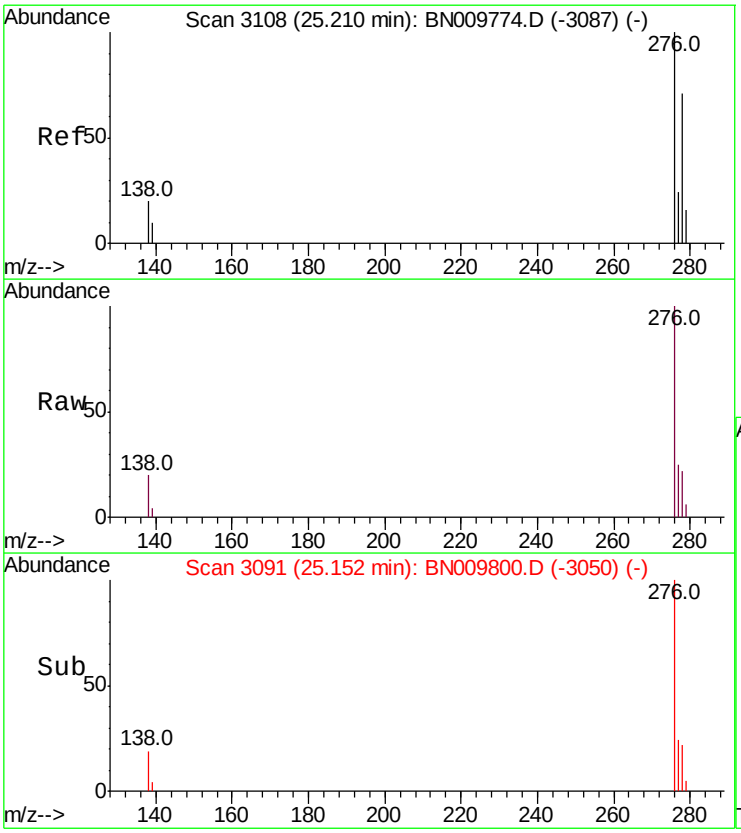
#37
Benzo(a)pyrene
Concen: 10.933 ng
RT: 23.02 min Scan# 2469
Delta R.T. -0.04 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 303208

Ion	Ratio	Lower	Upper
252	100		
253	22.8	25.3	37.9#
125	10.1	17.7	26.5#

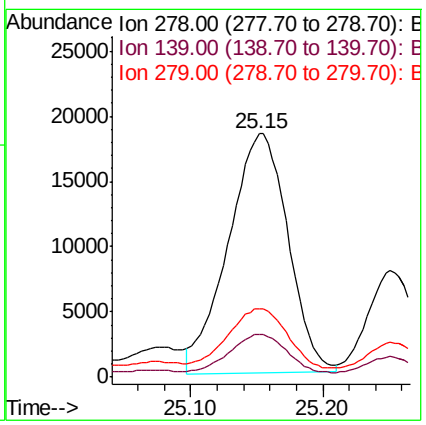


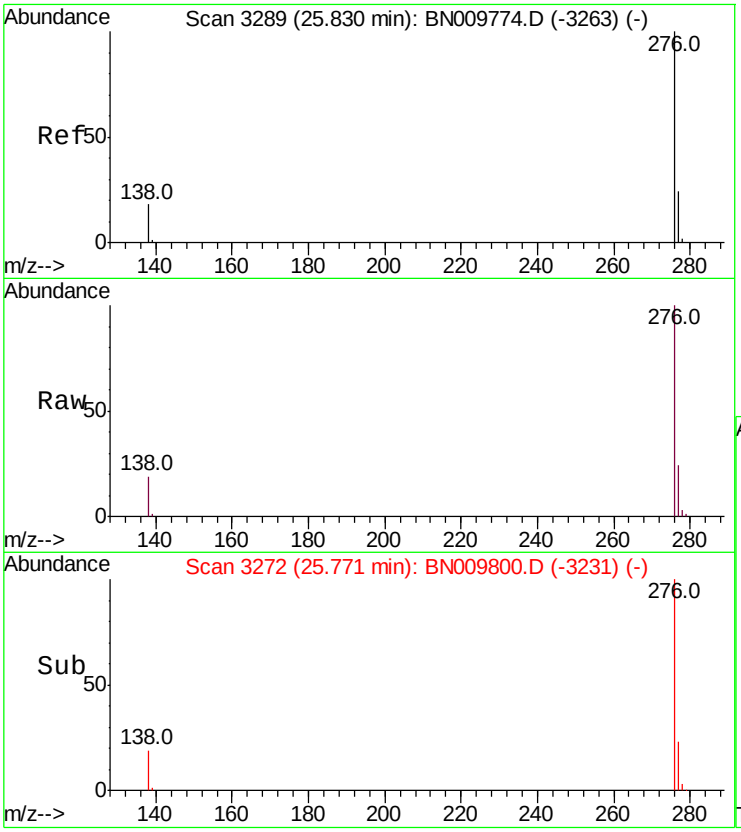


#38
Dibenzo(a,h)anthracene
Concen: 2.133 ng
RT: 25.15 min Scan# 3091
Delta R.T. -0.06 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Tgt Ion:278 Resp: 58243

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.5	21.7
279	28.2	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 7.063 ng
RT: 25.77 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BN009800.D
Acq: 21 Feb 2020 03:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 205463

Ion	Ratio	Lower	Upper
276	100		
277	23.9	21.4	32.0
138	19.4	16.6	24.8