Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
Data File : BN009788.D
Acq On : 20 Feb 2020 20:13
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 21 02:50:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed 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	1489	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	4968	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	3031	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	6307	0.40	ng		-0.01
27) Chrysene-d12	21.03	240	5798	0.40	ng		-0.01
34) Perylene-d12	23.13	264	5657	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	1461	0.44	ng		-0.02
5) Phenol-d6	6.62	99	1746	0.43	ng		-0.02
8) Nitrobenzene-d5	8.57	82	1754	0.42	ng		-0.03
11) 2-Methylnaphthalene-d10	11.76	152	3731	0.39	ng		-0.02
14) 2,4,6-Tribromophenol	15.57	330	471	0.40	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	4545	0.40	ng		-0.02
25) Fluoranthene-d10	18.85	212	7685	0.35	ng		0.00
29) Terphenyl-d14	19.46	244	10325	0.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	627	0.411	ng		95
3) n-Nitrosodimethylamine	3.40	42	1147	0.458	ng	#	86
6) bis(2-Chloroethyl)ether	6.86	93	1558	0.398	ng		89
9) Naphthalene	10.20	128	5267	0.389	ng		98
10) Hexachlorobutadiene	10.49	225	1151	0.386	ng	#	97
12) 2-Methylnaphthalene	11.84	142	3614	0.389	ng		98
16) Acenaphthylene	13.76	152	4831	0.374	ng		99
17) Acenaphthene	14.11	154	3446	0.379	ng		99
18) Fluorene	15.11	166	4294	0.358	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	1261	0.253	ng		97
21) Hexachlorobenzene	16.12	284	1569	0.400	ng		98
22) Pentachlorophenol	16.49	266	478	0.542	ng		92
23) Phenanthrene	16.85	178	6787	0.362	ng		99
24) Anthracene	16.94	178	5834	0.368	ng		99
26) Fluoranthene	18.88	202	8115	0.361	ng		99
28) Pyrene	19.25	202	8249	0.375	ng		99
30) Benzo(a)anthracene	21.00	228	7118	0.370	ng		98
31) Chrysene	21.06	228	7995	0.359	ng		99
32) Bis(2-ethylhexyl)phthalate	20.95	149	3955	0.421	ng		99
33) Indeno(1,2,3-cd)pyrene	25.18	276	8375	0.361	ng		98
35) Benzo(b)fluoranthene	22.51	252	7683	0.372	ng		98
36) Benzo(k)fluoranthene	22.55	252	8030	0.357	ng		99
37) Benzo(a)pyrene	23.04	252	7455	0.395	ng	#	92
38) Dibenzo(a,h)anthracene	25.19	278	6711	0.361	ng		98
39) Benzo(g,h,i)perylene	25.81	276	7105	0.359	ng		98

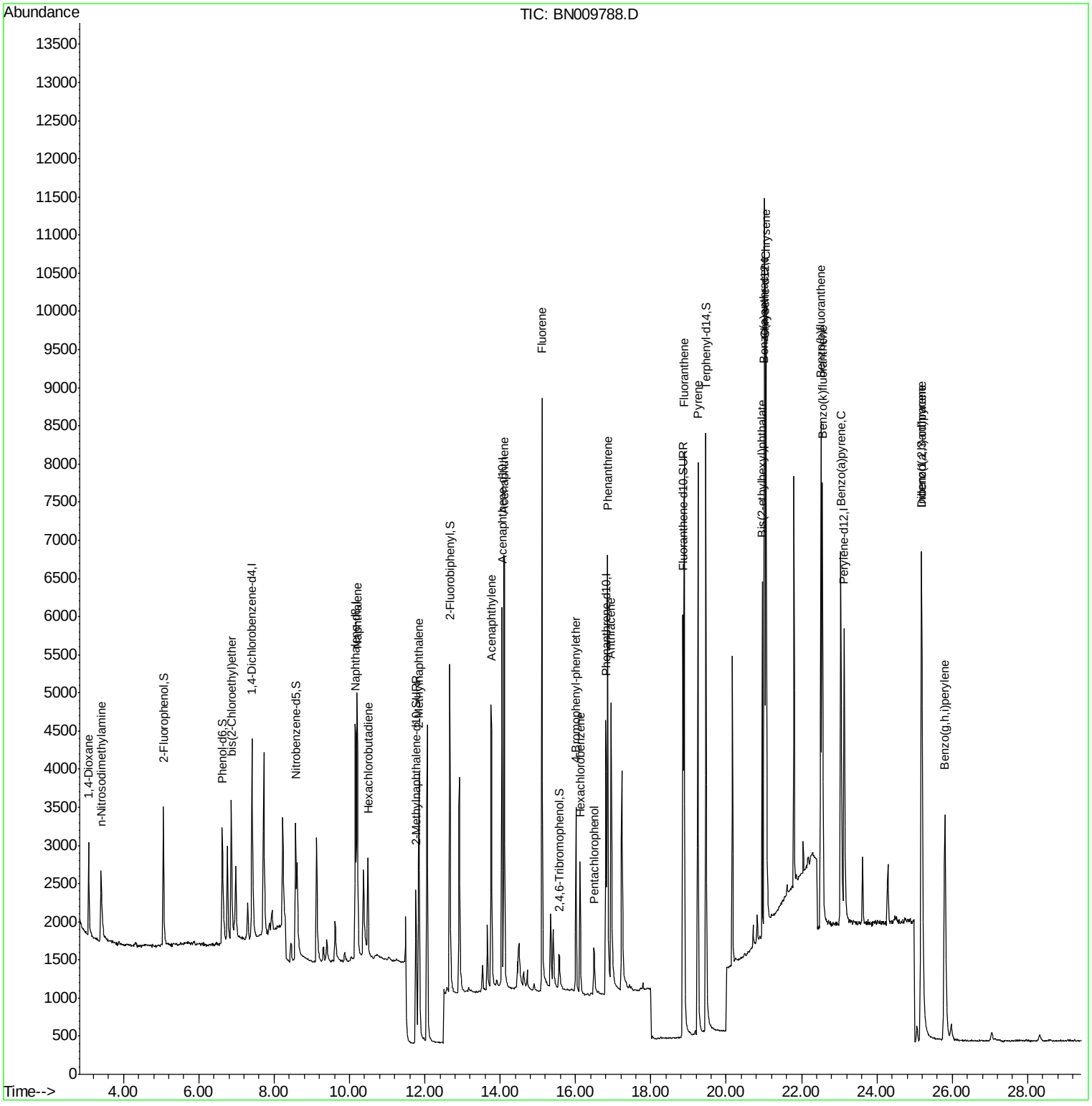
(#) = qualifier out of range (m) = manual integration (+) = signals summed

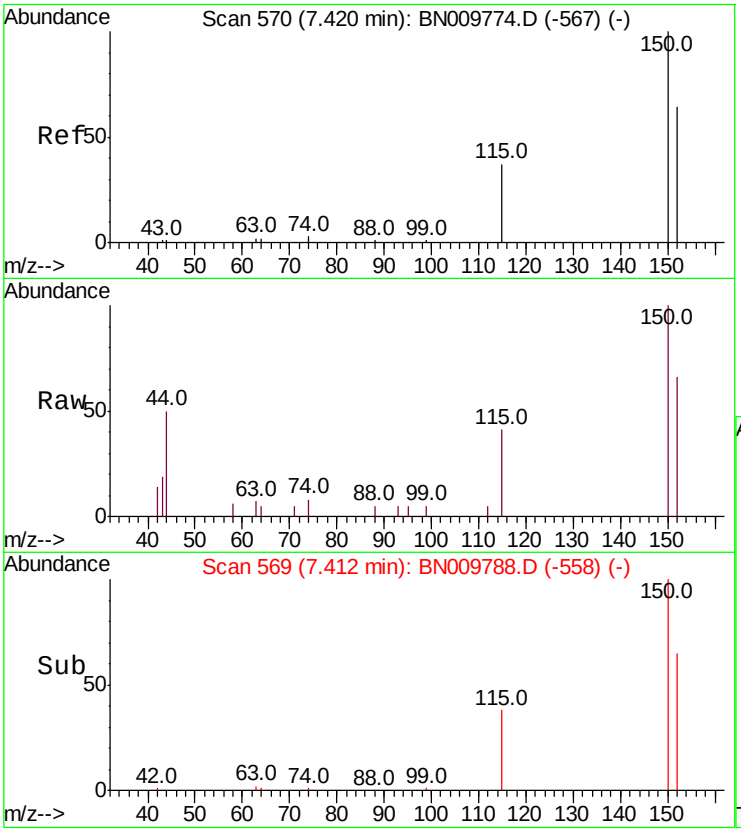
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
Data File : BN009788.D
Acq On : 20 Feb 2020 20:13
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 21 02:50:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



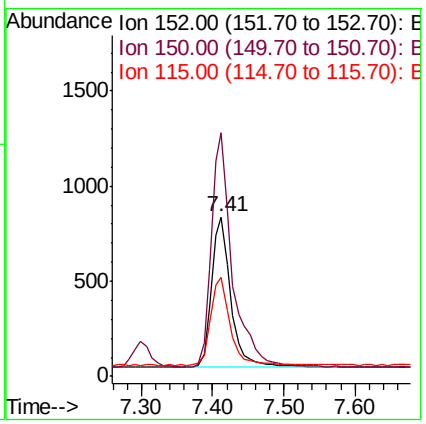


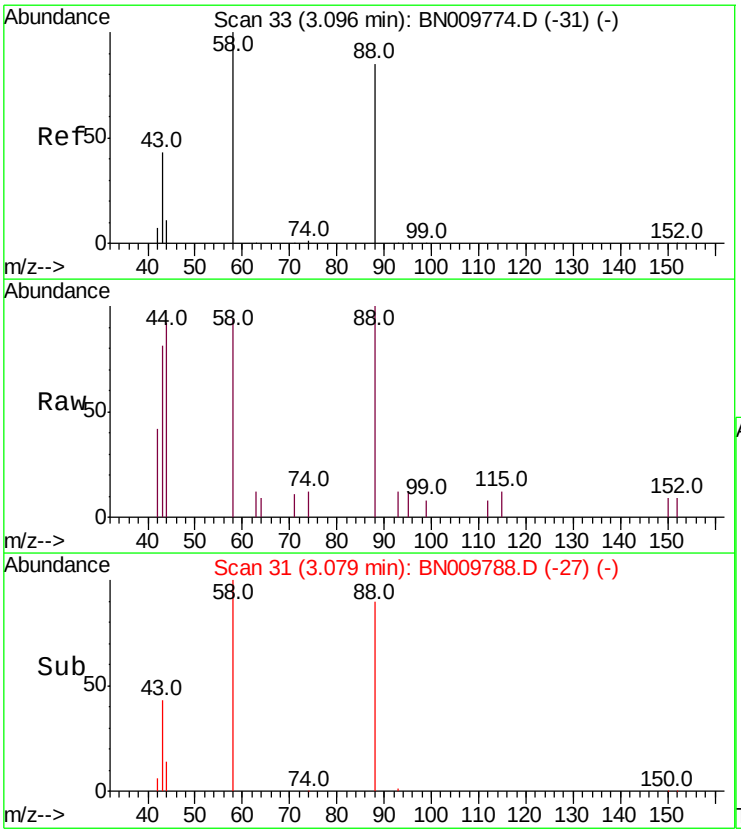
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1489

Ion	Ratio	Lower	Upper
152	100		
150	152.4	120.6	181.0
115	62.0	51.2	76.8

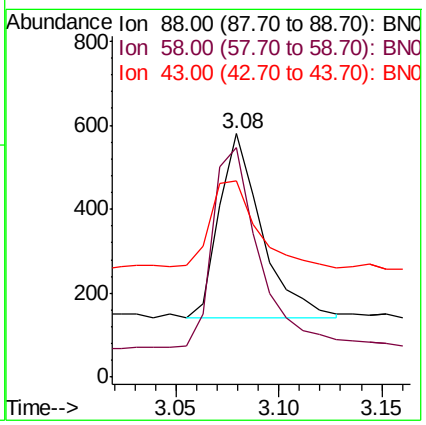


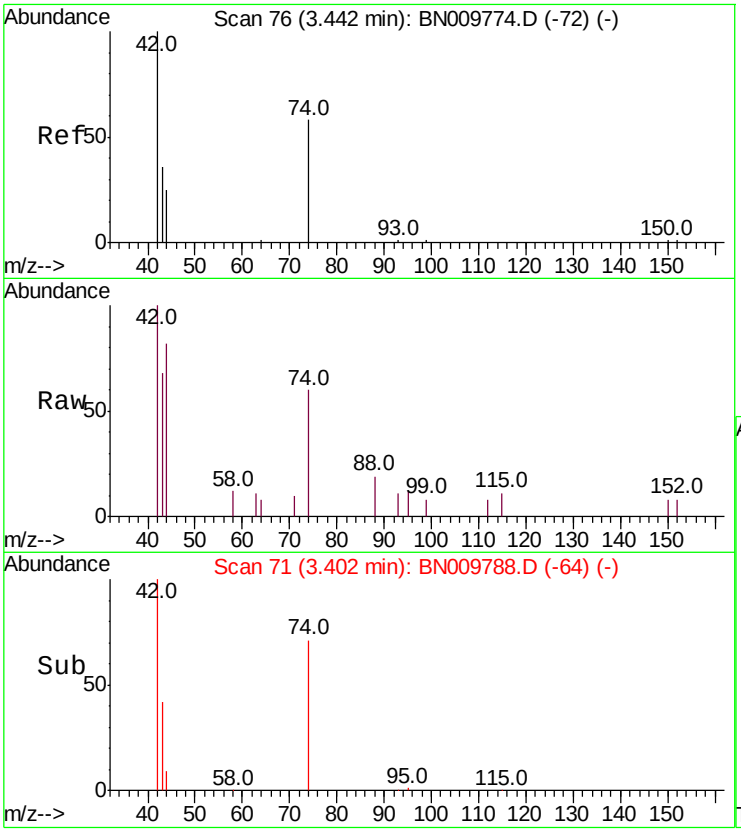


#2
1,4-Dioxane
Concen: 0.411 ng
RT: 3.08 min Scan# 31
Delta R.T. -0.02 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion: 88 Resp: 627

Ion	Ratio	Lower	Upper
88	100		
58	117.1	97.8	146.8
43	52.6	45.1	67.7



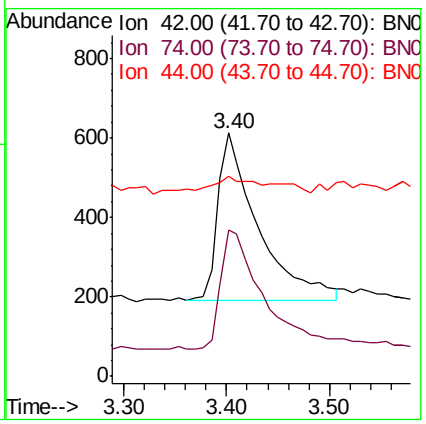


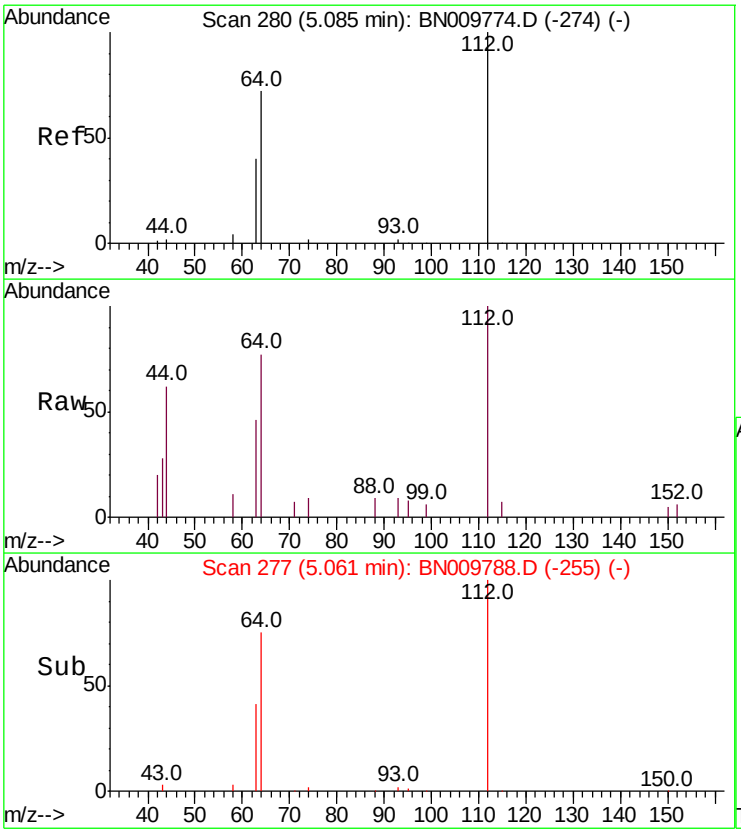
#3
n-Nitrosodimethylamine
Concen: 0.458 ng
RT: 3.40 min Scan# 71
Delta R.T. -0.04 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1147

Ion	Ratio	Lower	Upper
42	100		
74	75.2	51.2	76.8
44	7.6	2.6	4.0#

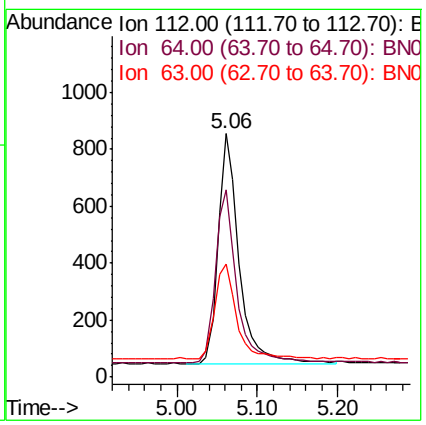


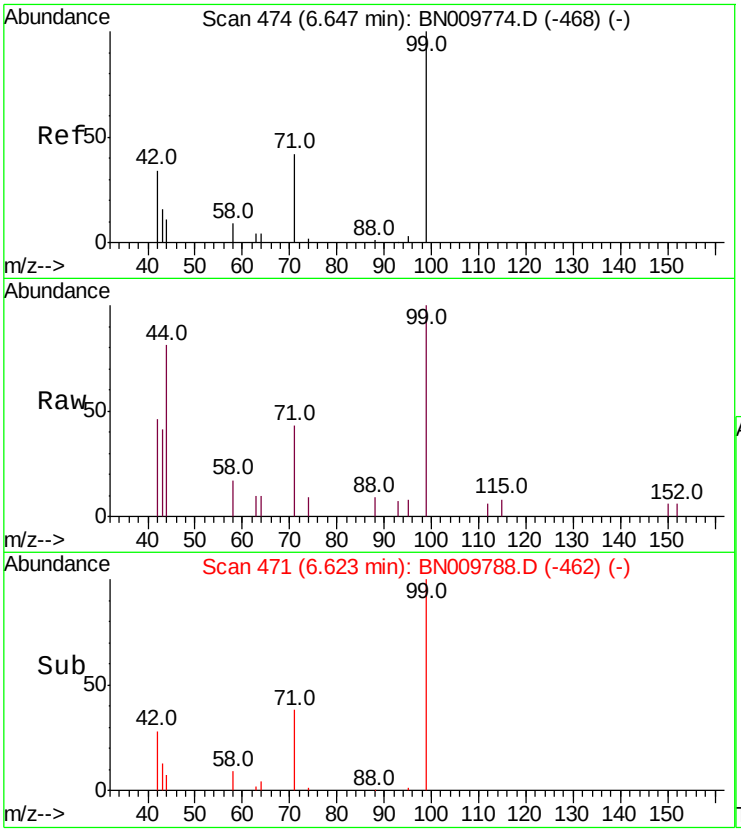


#4
2-Fluorophenol
Concen: 0.441 ng
RT: 5.06 min Scan# 277
Delta R.T. -0.02 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:112 Resp: 1461

Ion	Ratio	Lower	Upper
112	100		
64	77.1	65.8	98.6
63	42.6	38.7	58.1



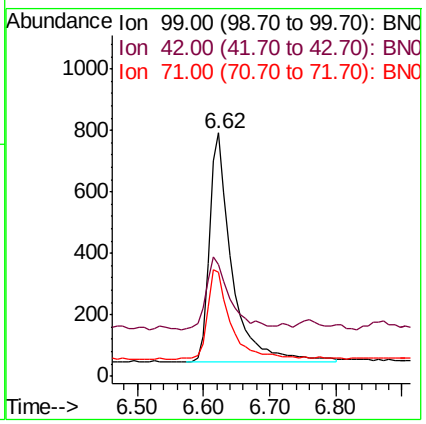


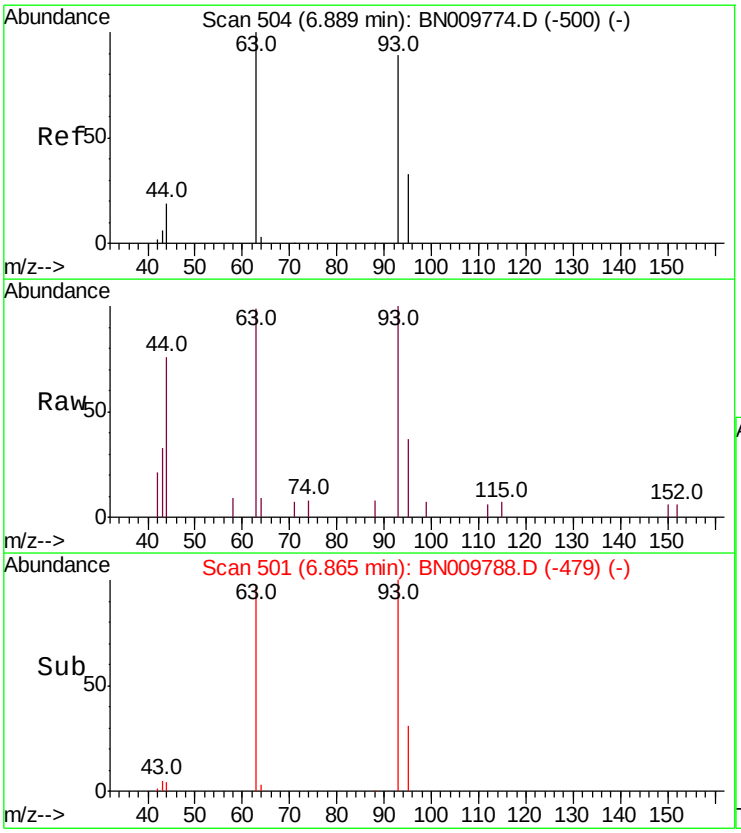
#5
Phenol-d6
Concen: 0.433 ng
RT: 6.62 min Scan# 471
Delta R.T. -0.02 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1746

Ion	Ratio	Lower	Upper
99	100		
42	33.2	30.8	46.2
71	40.1	34.9	52.3

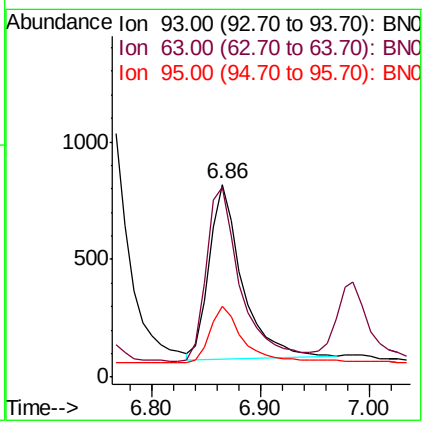


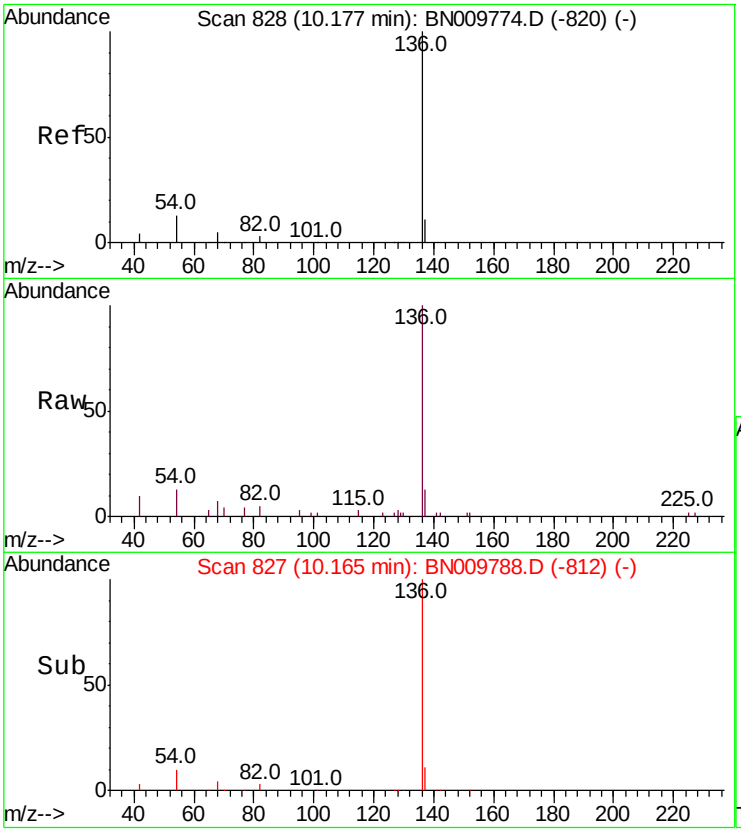


#6
bis(2-Chloroethyl)ether
Concen: 0.398 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.02 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion: 93 Resp: 1558

Ion	Ratio	Lower	Upper
93	100		
63	105.8	74.0	111.0
95	34.0	26.7	40.1



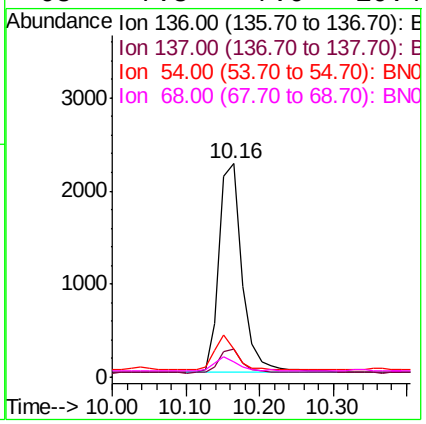


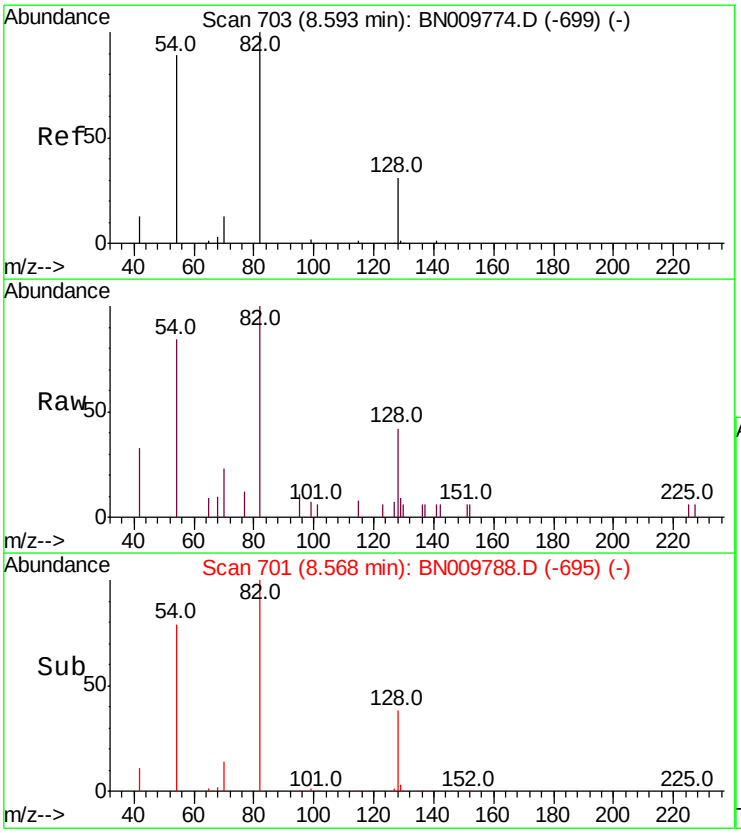
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4968

Ion	Ratio	Lower	Upper
136	100		
137	12.9	11.3	16.9
54	12.9	13.4	20.2#
68	7.3	7.0	10.4

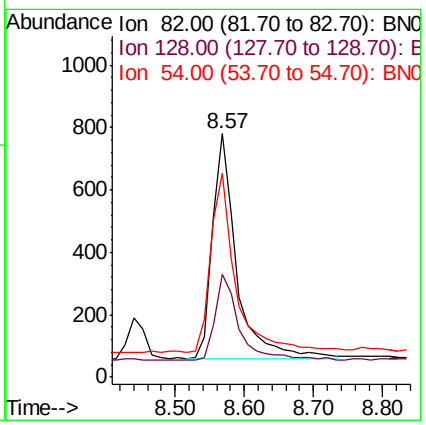


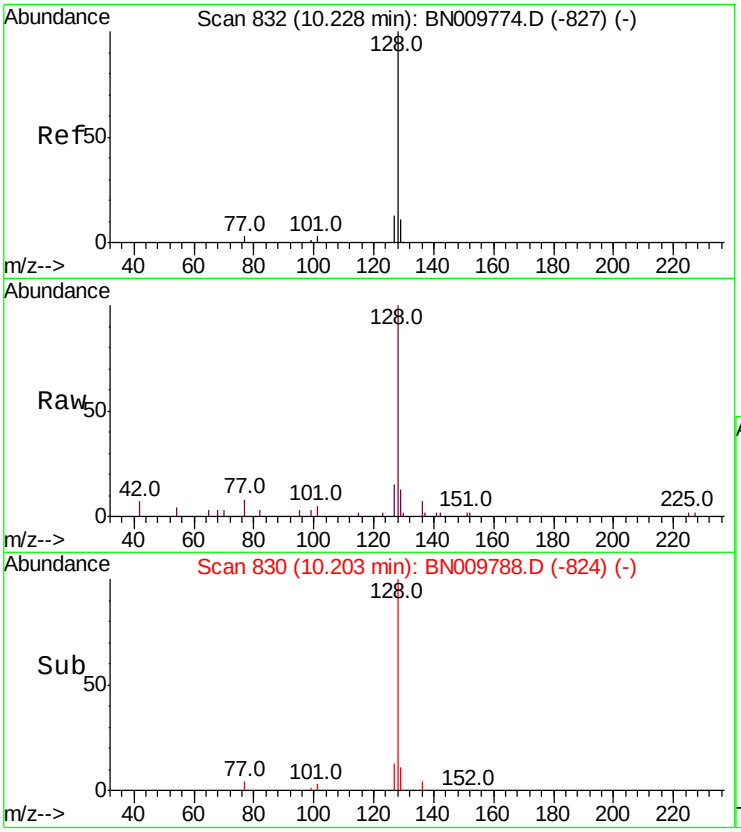


#8
Nitrobenzene-d5
Concen: 0.424 ng
RT: 8.57 min Scan# 701
Delta R.T. -0.03 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion: 82 Resp: 1754

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.5	48.7
54	84.0	73.5	110.3



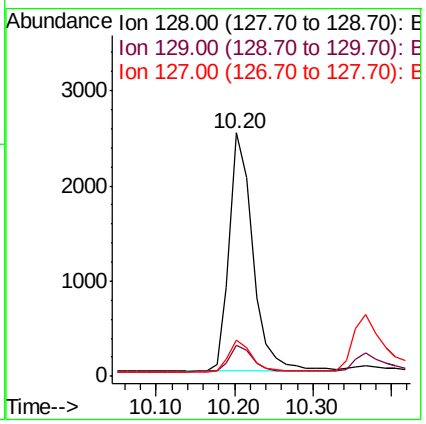


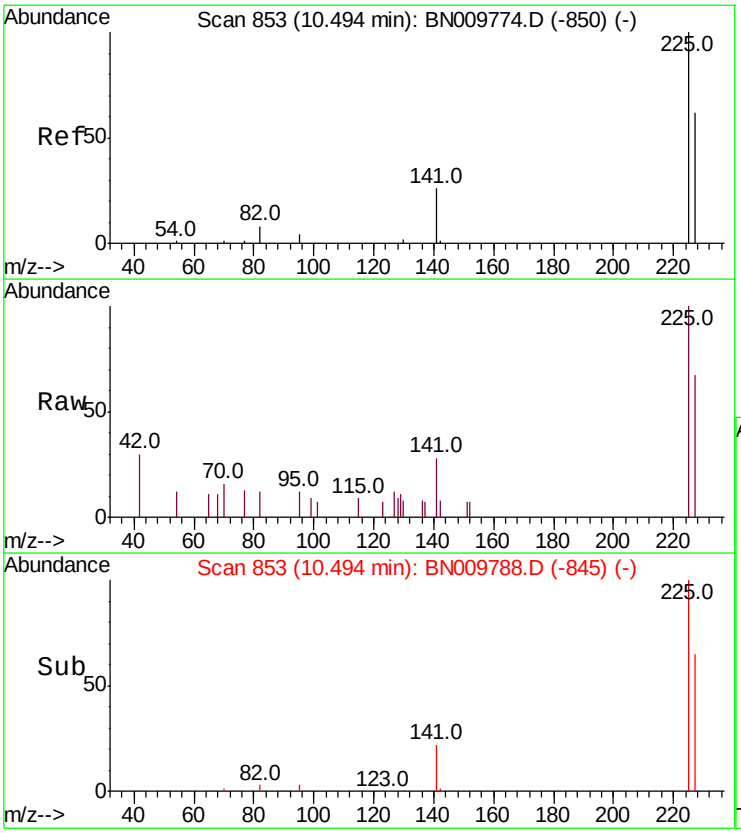
#9
Naphthalene
Concen: 0.389 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.03 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 5267

Ion	Ratio	Lower	Upper
128	100		
129	12.9	11.1	16.7
127	14.9	12.6	19.0

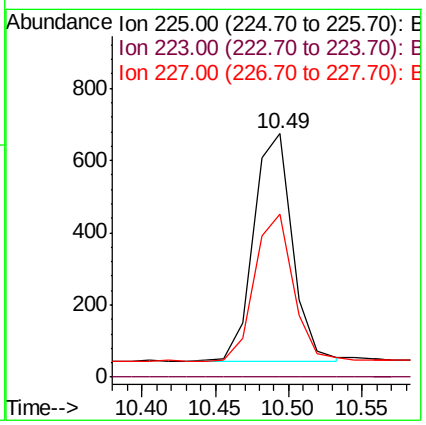


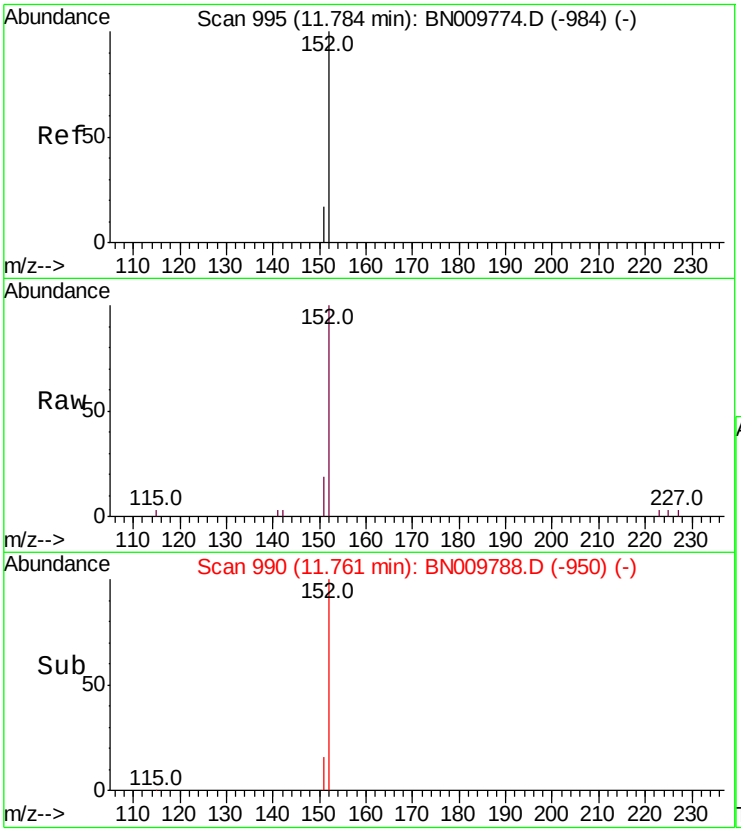


#10
Hexachlorobutadiene
Concen: 0.386 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.00 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:225 Resp: 1151

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	53.4	80.2



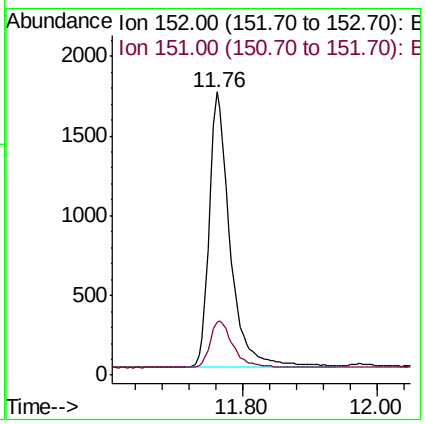


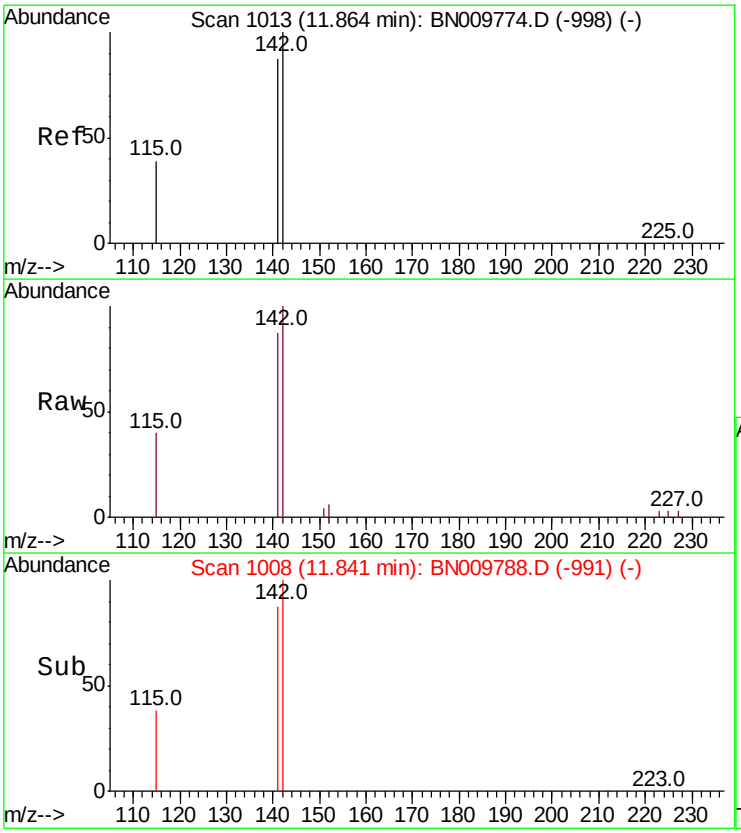
#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.02 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3731

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.1	22.7

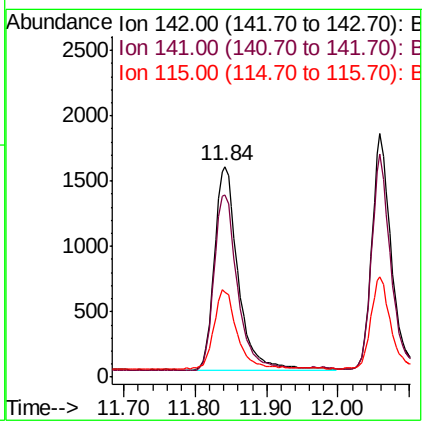


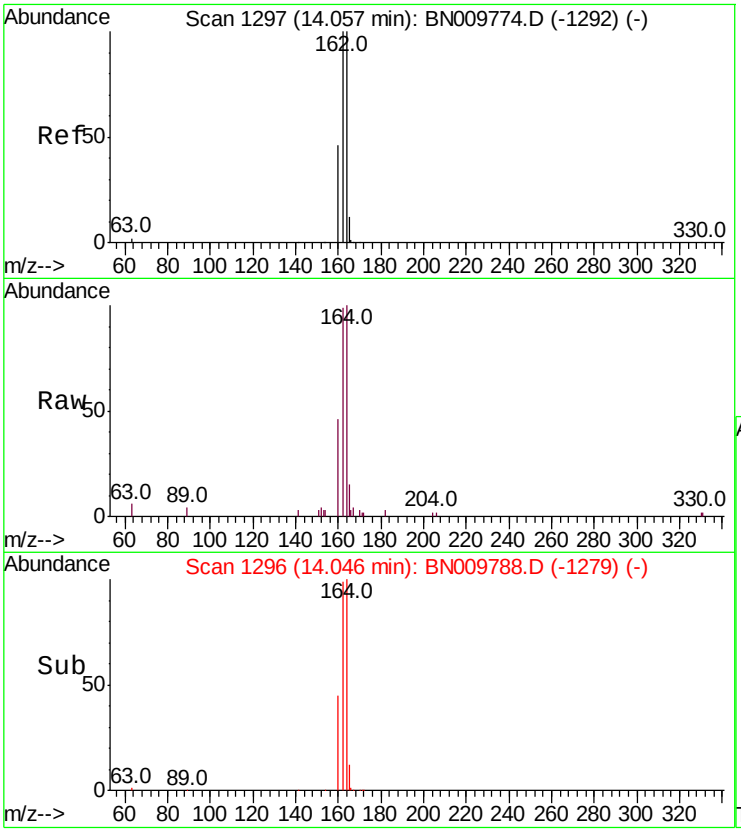


#12
2-Methylnaphthalene
Concen: 0.389 ng
RT: 11.84 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:142 Resp: 3614

Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.8	104.6
115	40.4	34.6	52.0



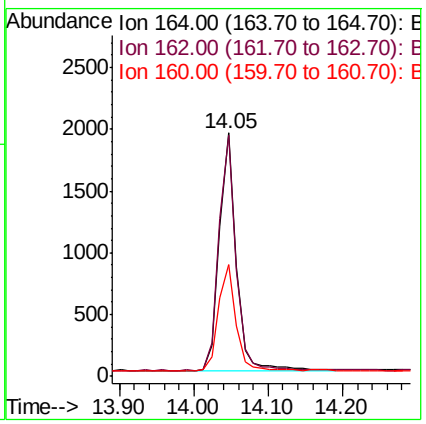


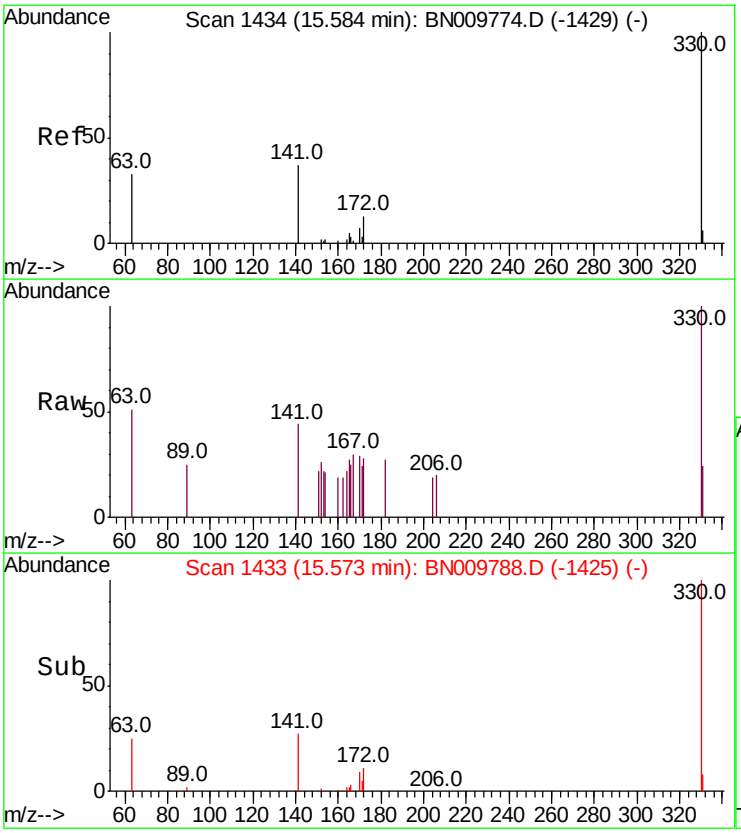
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3031

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.9	119.9
160	46.0	38.2	57.2

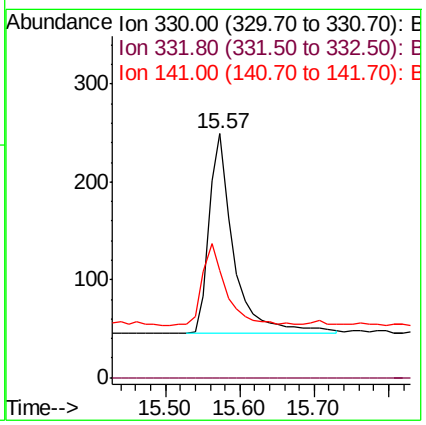


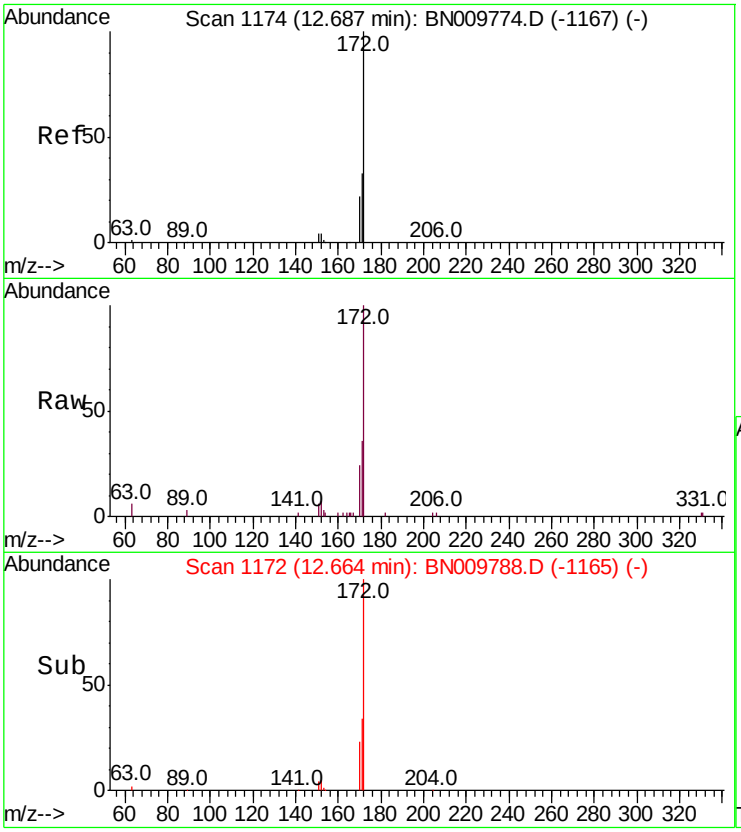


#14
2,4,6-Tribromophenol
Concen: 0.403 ng
RT: 15.57 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:330 Resp: 471

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.9	36.8	55.2



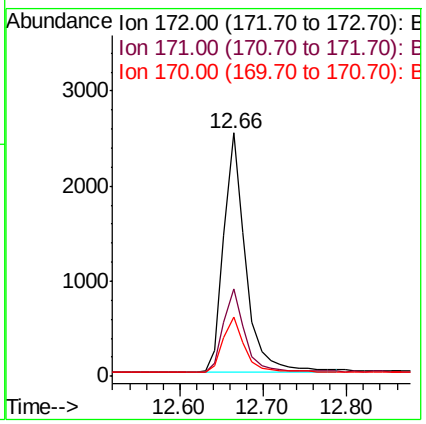


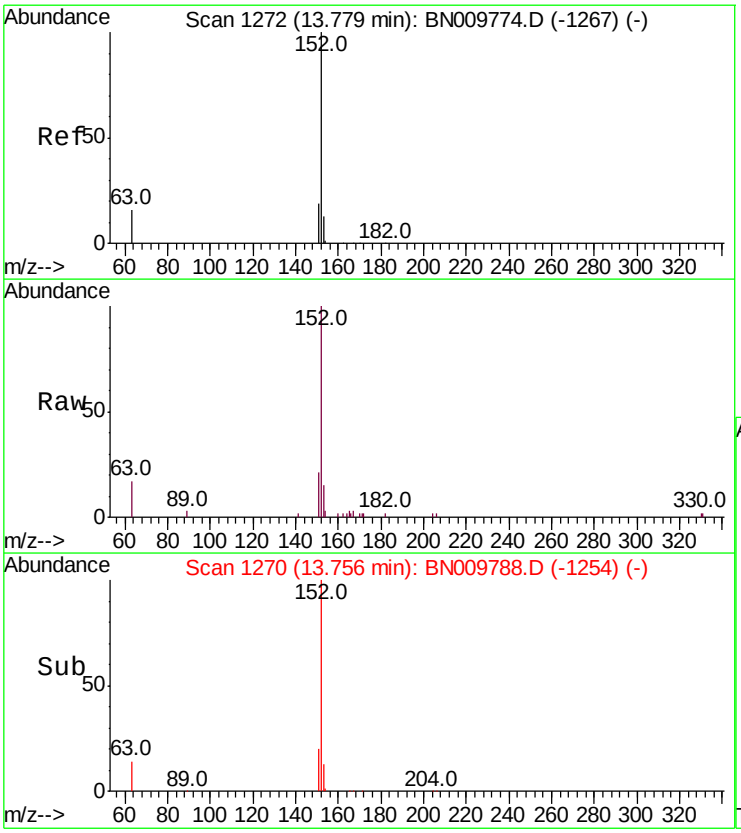
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 12.66 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4545

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.7	43.1
170	24.2	20.1	30.1

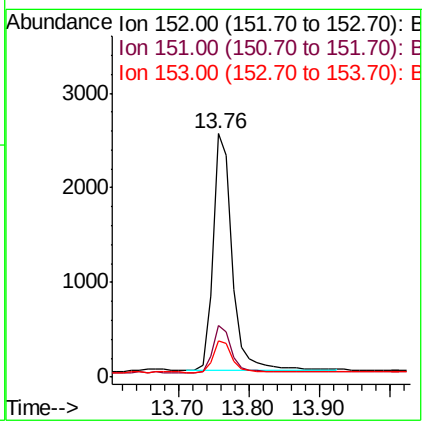


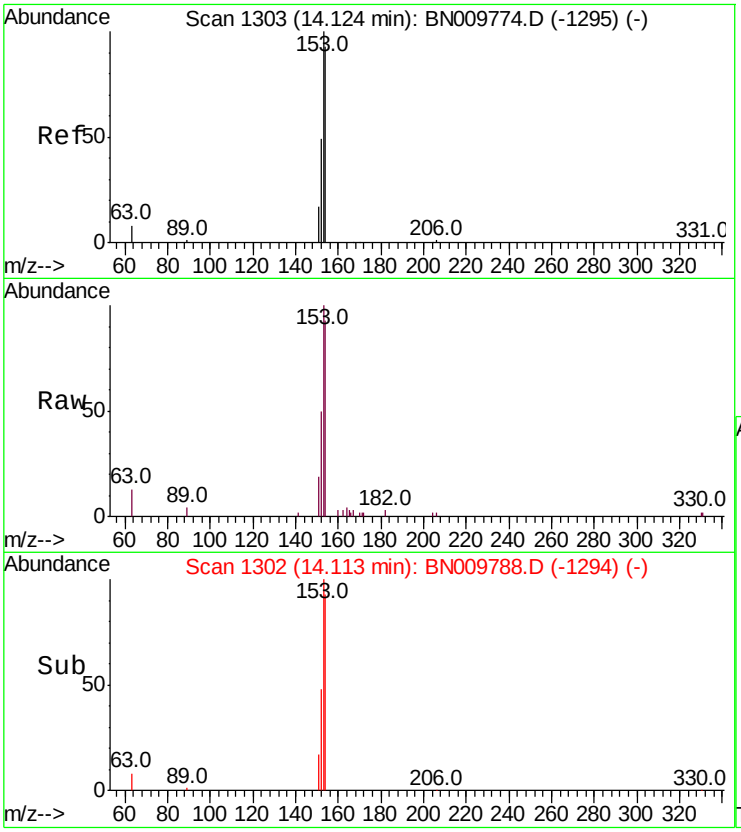


#16
Acenaphthylene
Concen: 0.374 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:152 Resp: 4831

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.4	10.2	15.4



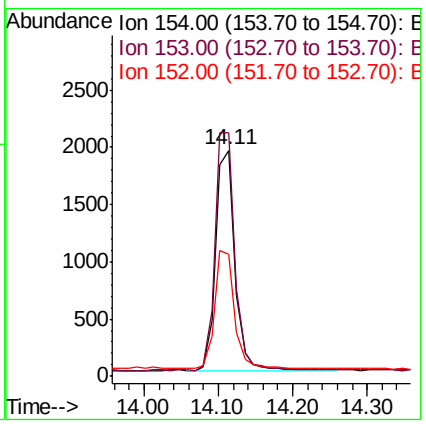


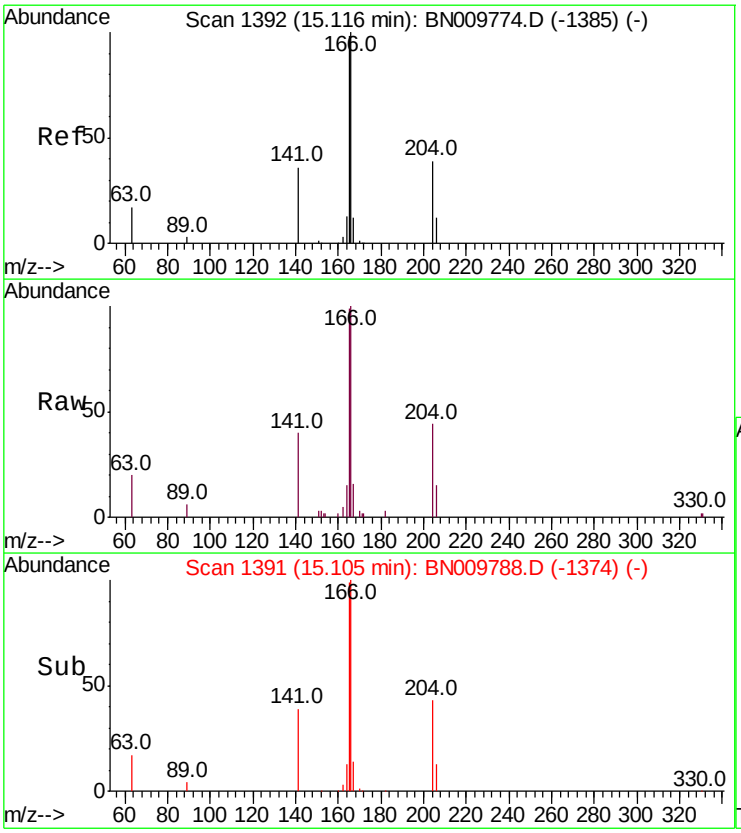
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.11 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3446

Ion	Ratio	Lower	Upper
154	100		
153	111.8	88.9	133.3
152	55.4	44.2	66.2

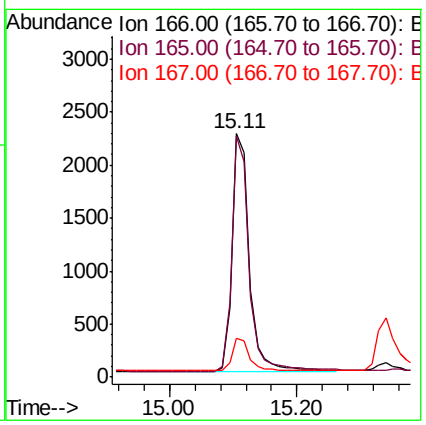


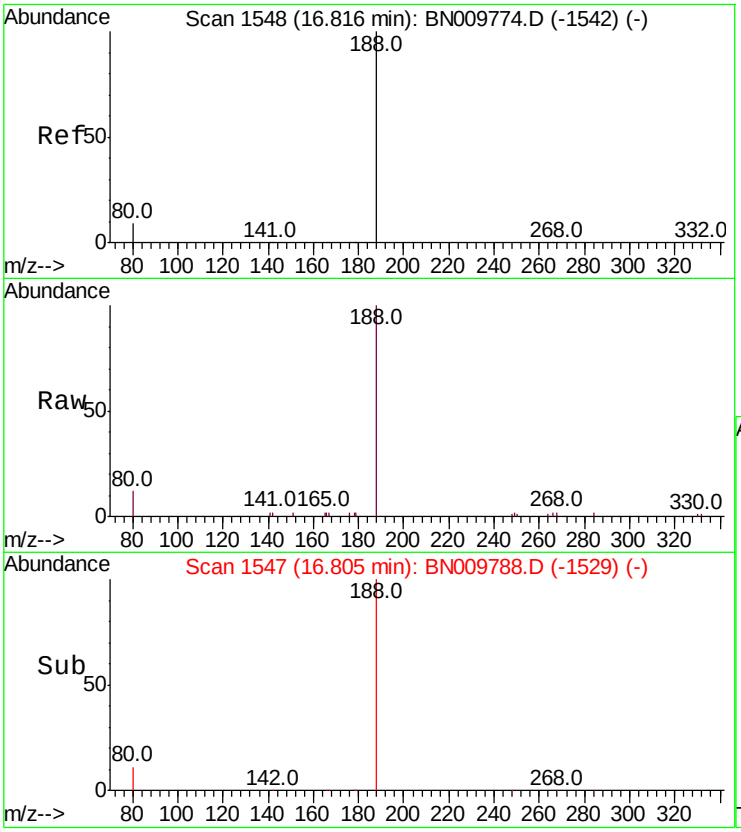


#18
Fluorene
Concen: 0.358 ng
RT: 15.11 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:166 Resp: 4294

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.2	115.8
167	13.2	10.5	15.7



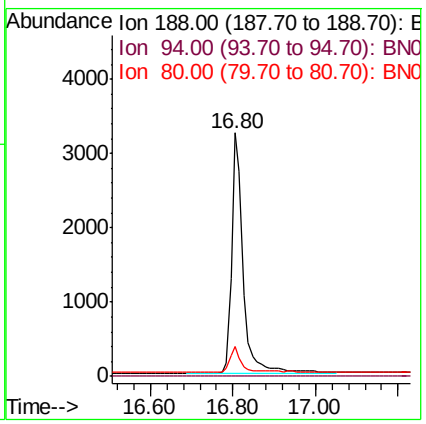


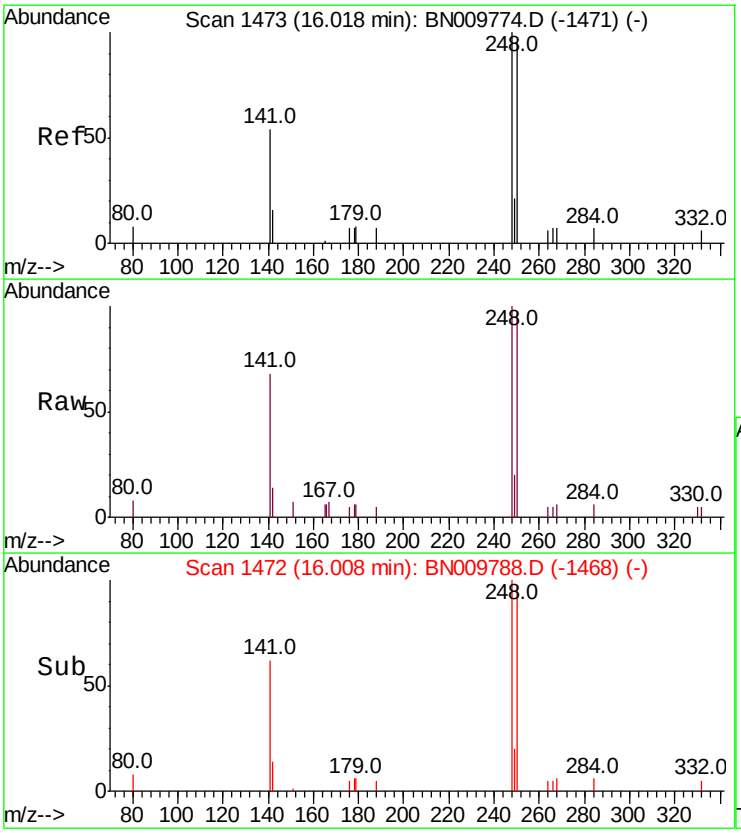
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 6307

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	8.3	12.5

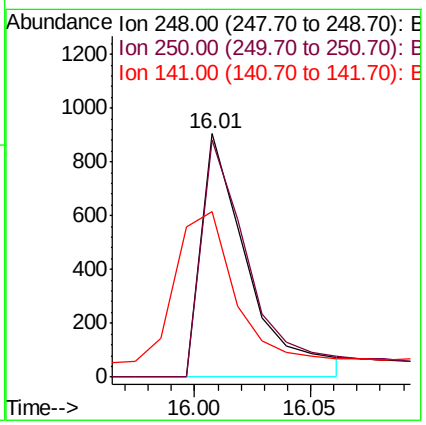


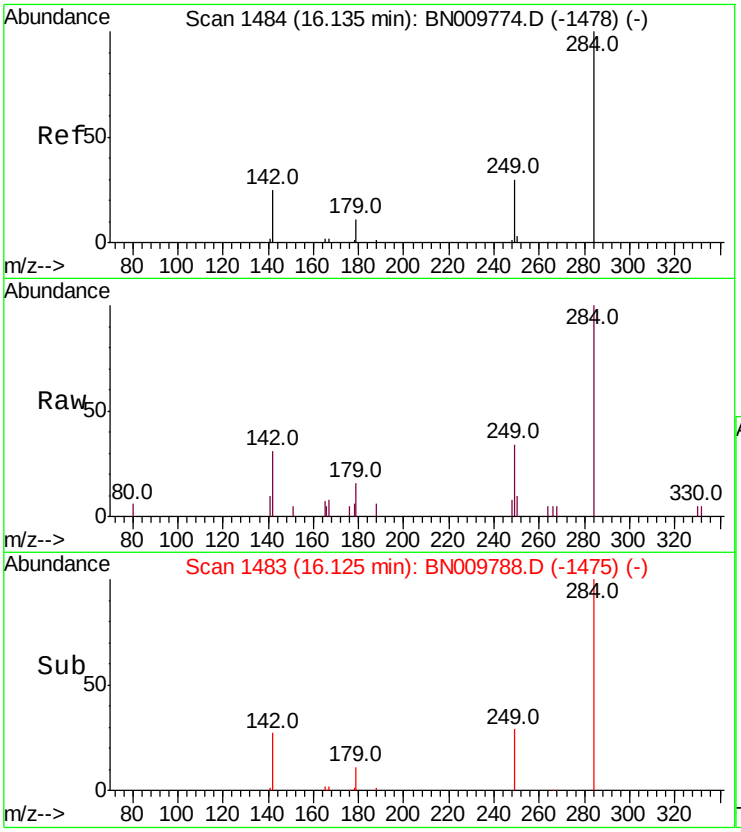


#20
4-Bromophenyl-phenylether
Concen: 0.253 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:248 Resp: 1261

Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.2	114.4
141	68.1	57.8	86.6



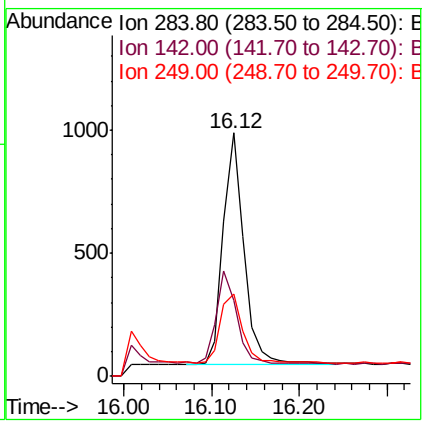


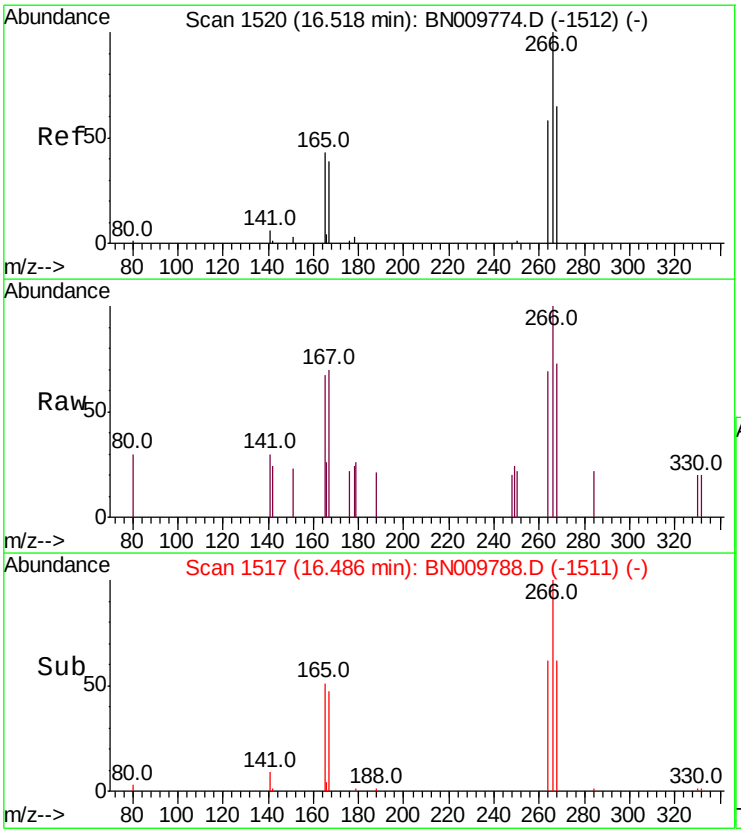
#21
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.12 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 1569

Ion	Ratio	Lower	Upper
284	100		
142	39.7	33.3	49.9
249	31.9	25.7	38.5

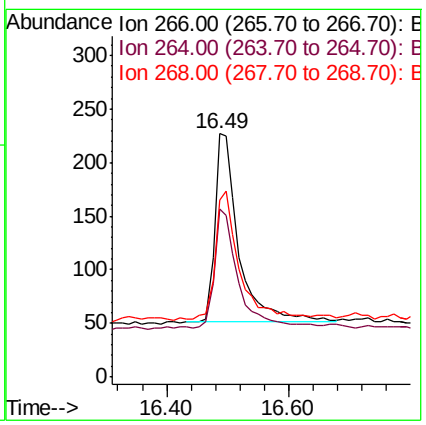


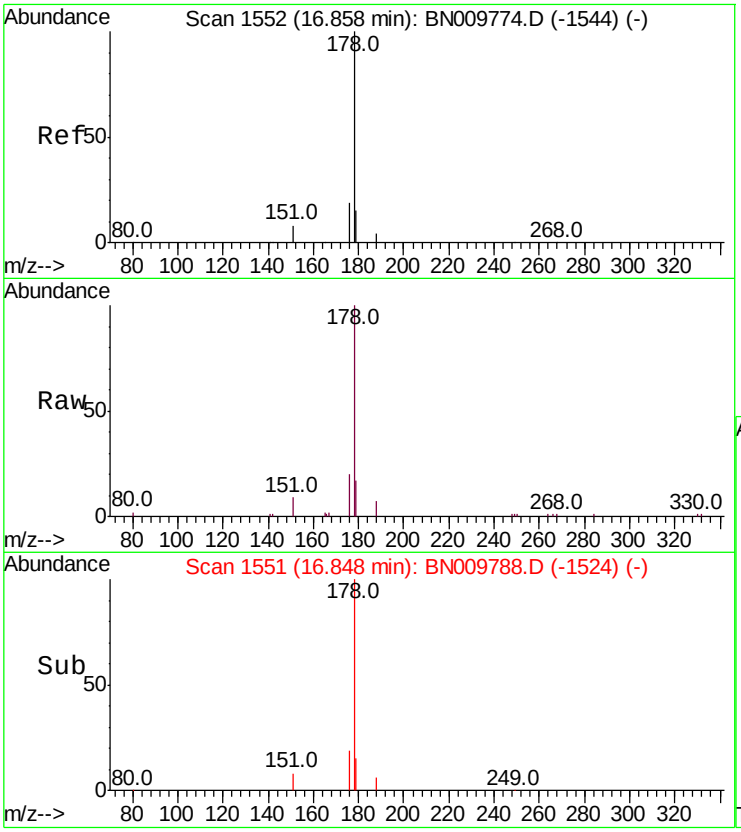


#22
Pentachlorophenol
Concen: 0.542 ng
RT: 16.49 min Scan# 1517
Delta R.T. -0.03 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:266 Resp: 478

Ion	Ratio	Lower	Upper
266	100		
264	69.2	58.1	87.1
268	72.7	65.7	98.5



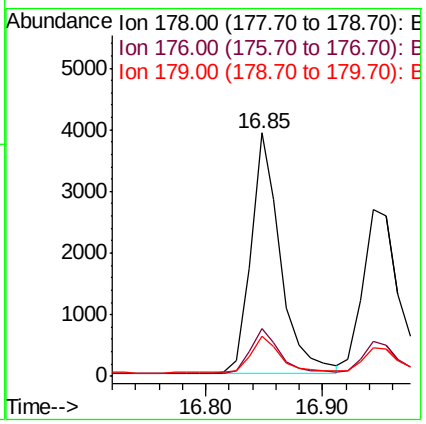


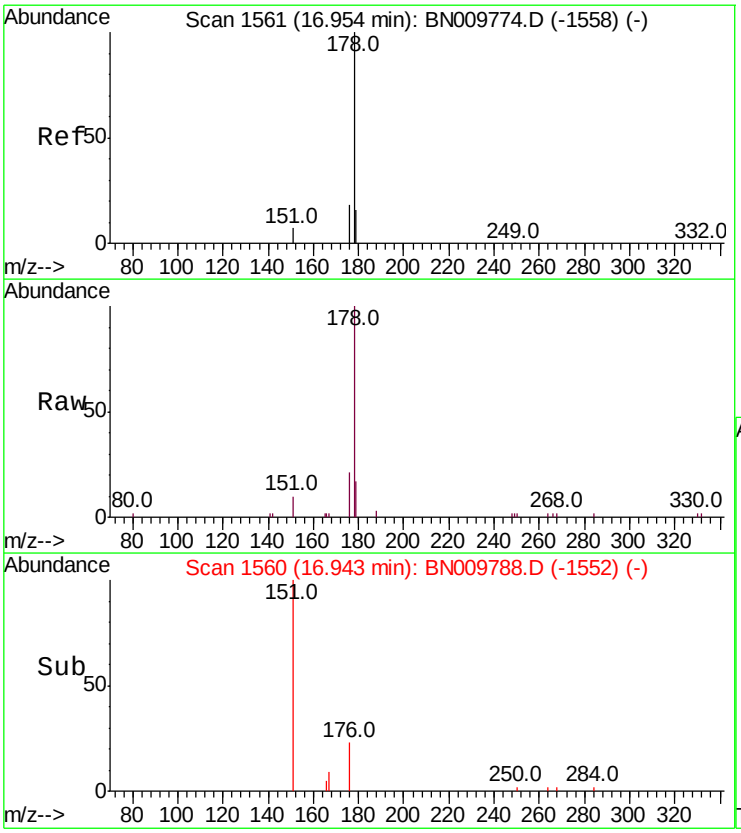
#23
Phenanthrene
Concen: 0.362 ng
RT: 16.85 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 6787

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.7	12.4	18.6

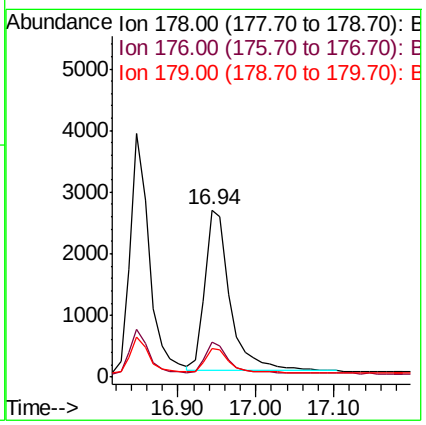


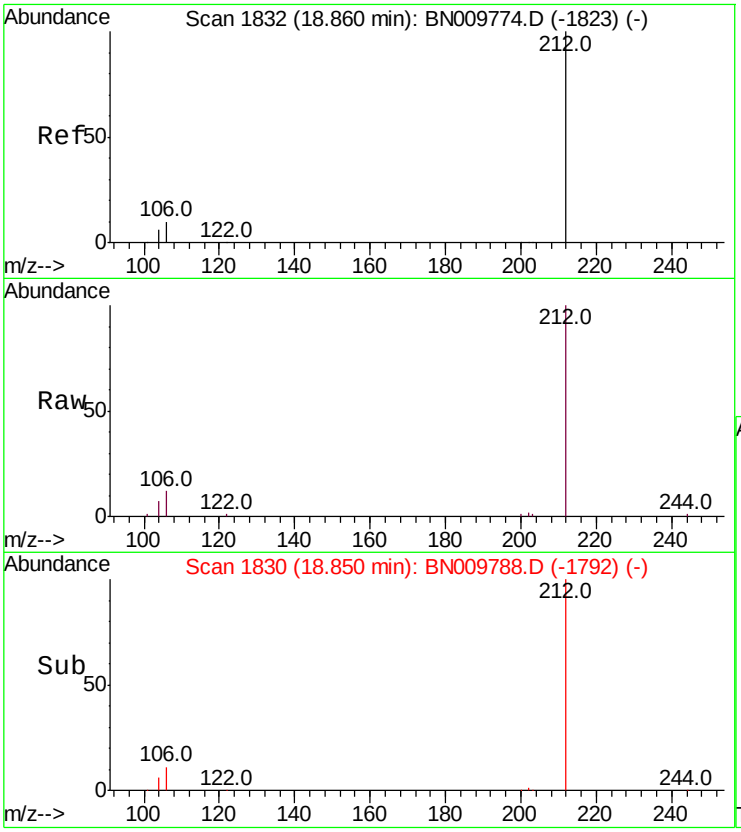


#24
Anthracene
Concen: 0.368 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:178 Resp: 5834

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.3	21.5
179	14.8	12.4	18.6



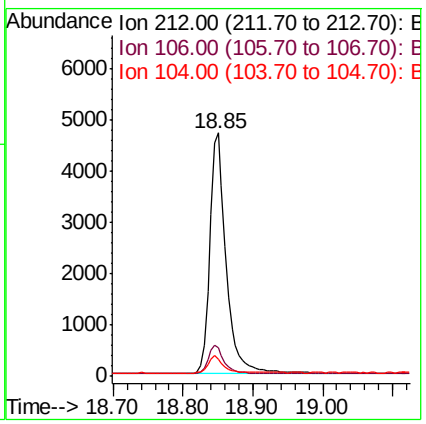


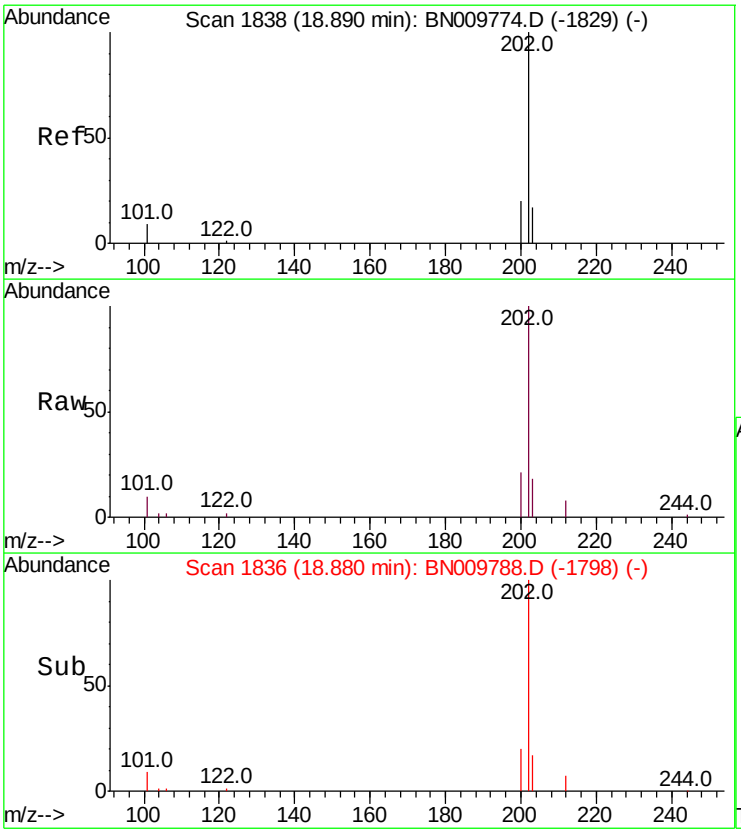
#25
Fluoranthene-d10
Concen: 0.352 ng
RT: 18.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 7685

Ion	Ratio	Lower	Upper
212	100		
106	11.4	8.4	12.6
104	7.1	4.8	7.2

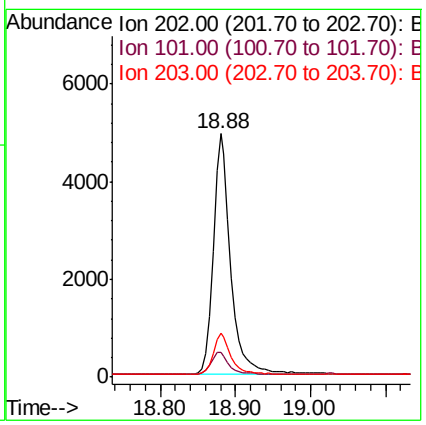


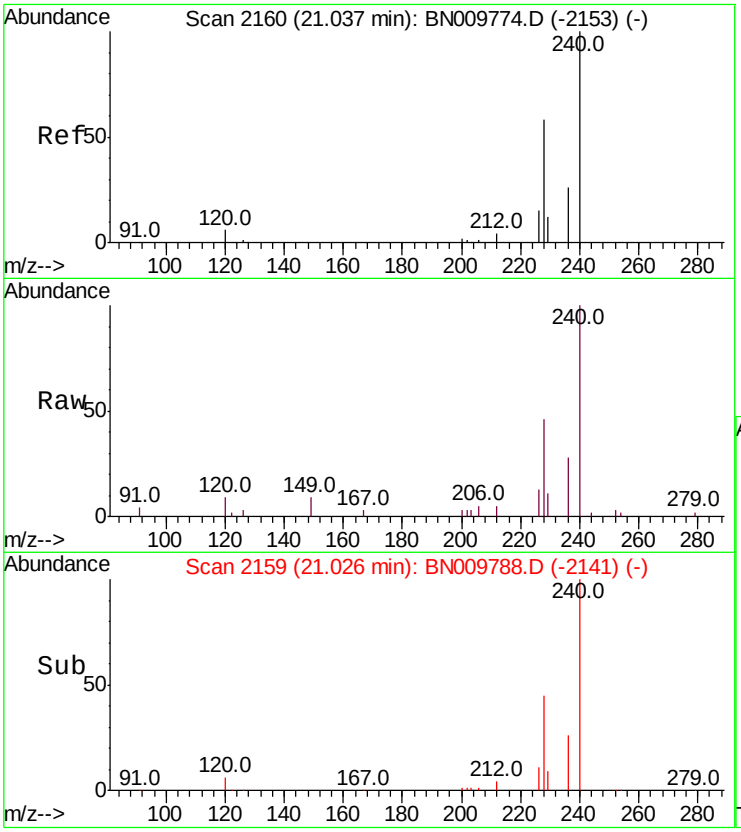


#26
Fluoranthene
Concen: 0.361 ng
RT: 18.88 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:202 Resp: 8115

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.1	10.7
203	16.9	13.8	20.6



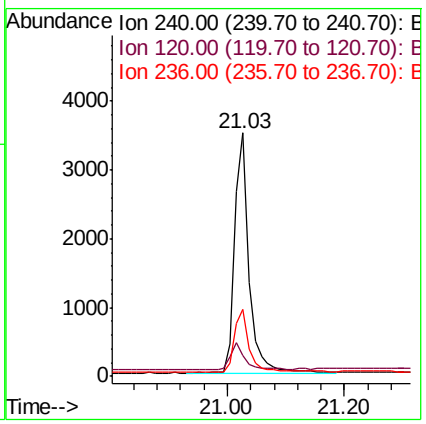


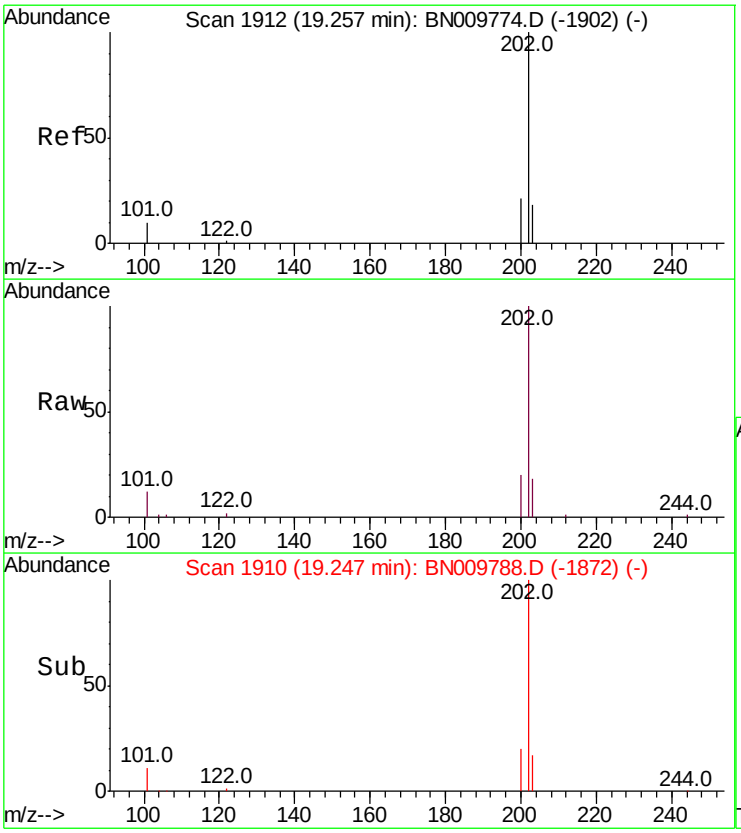
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 5798

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.9	11.9
236	27.8	22.0	33.0

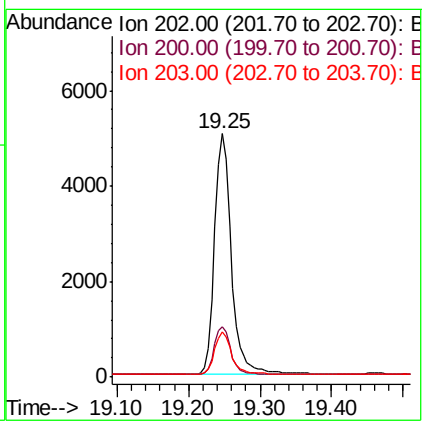


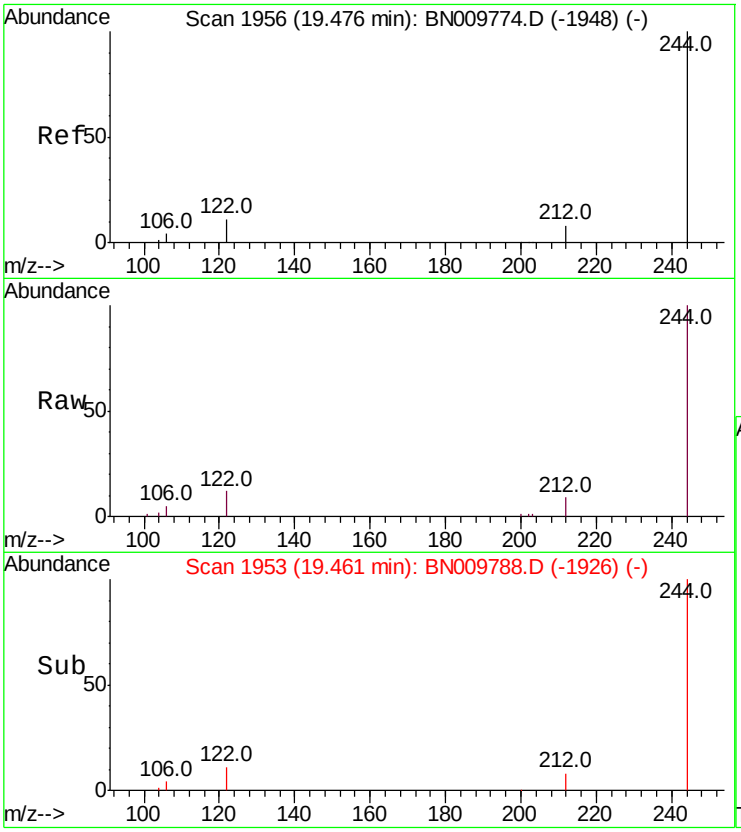


#28
Pyrene
Concen: 0.375 ng
RT: 19.25 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:202 Resp: 8249

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.4	24.6
203	17.5	13.9	20.9



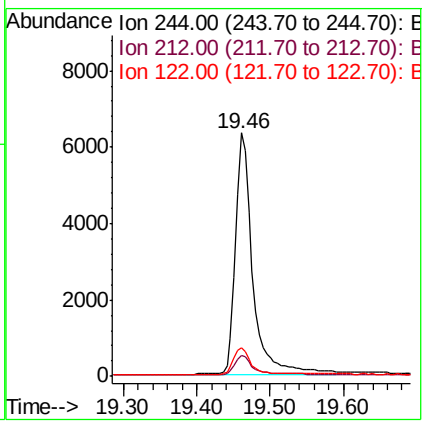


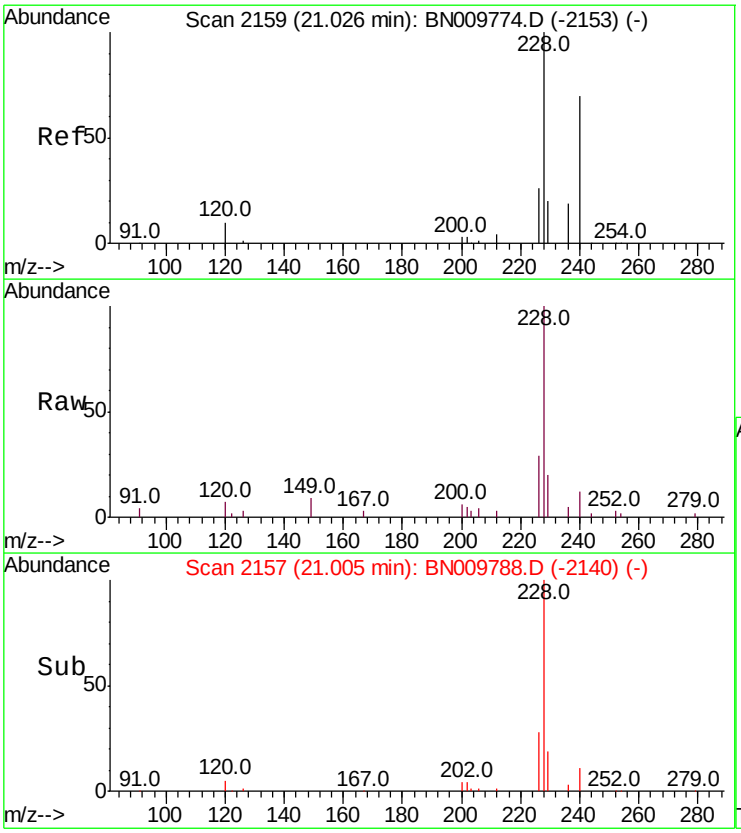
#29
Terphenyl-d14
Concen: 0.745 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 10325

Ion	Ratio	Lower	Upper
244	100		
212	8.6	8.0	12.0
122	11.8	10.0	15.0

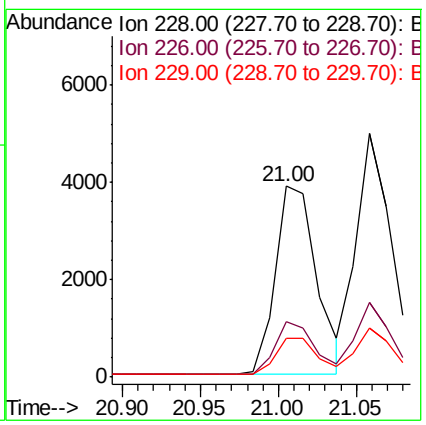


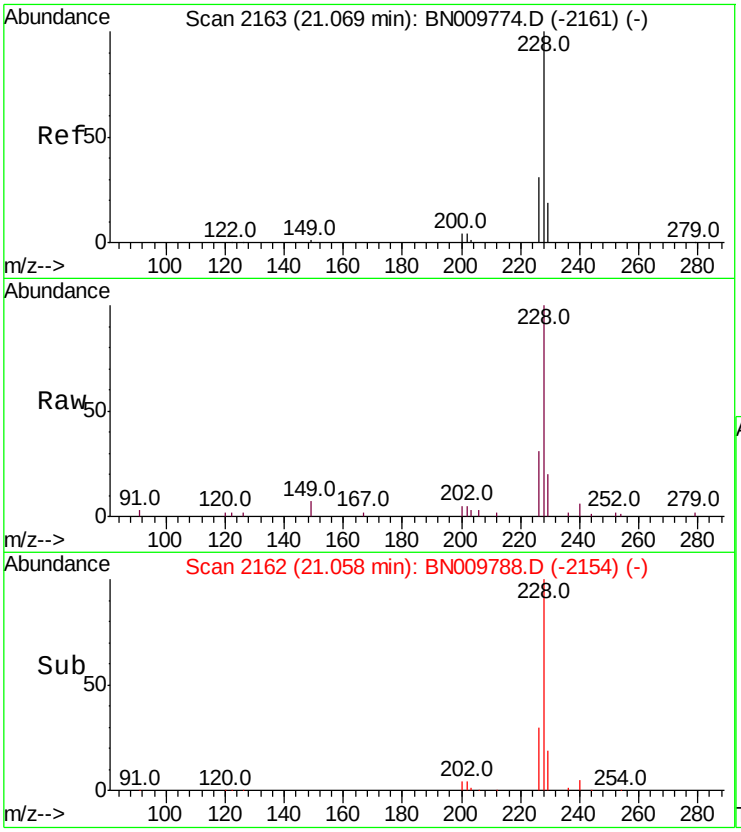


#30
Benzo(a)anthracene
Concen: 0.370 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:228 Resp: 7118

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.8	32.8
229	20.4	17.1	25.7



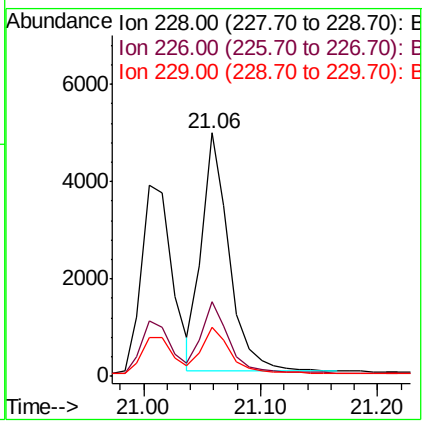


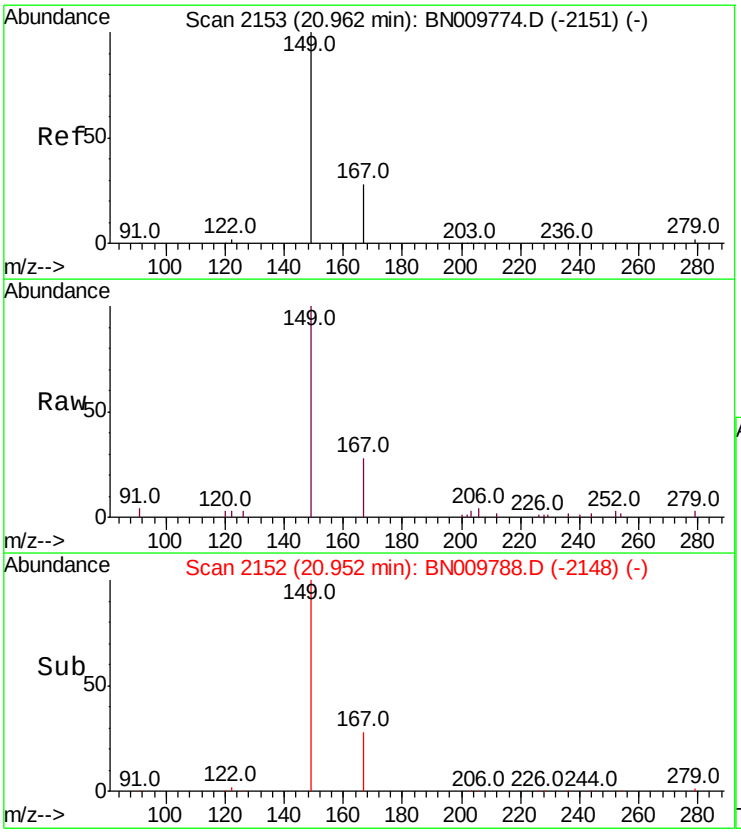
#31
Chrysene
Concen: 0.359 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 7995

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.8	37.2
229	20.3	16.4	24.6

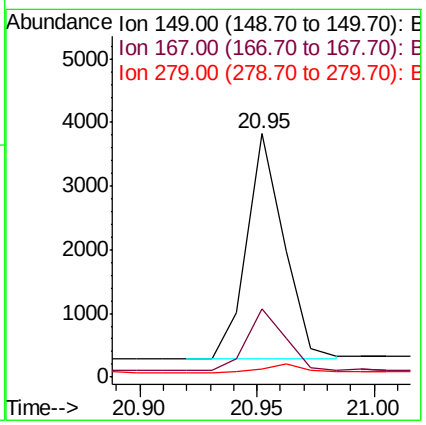


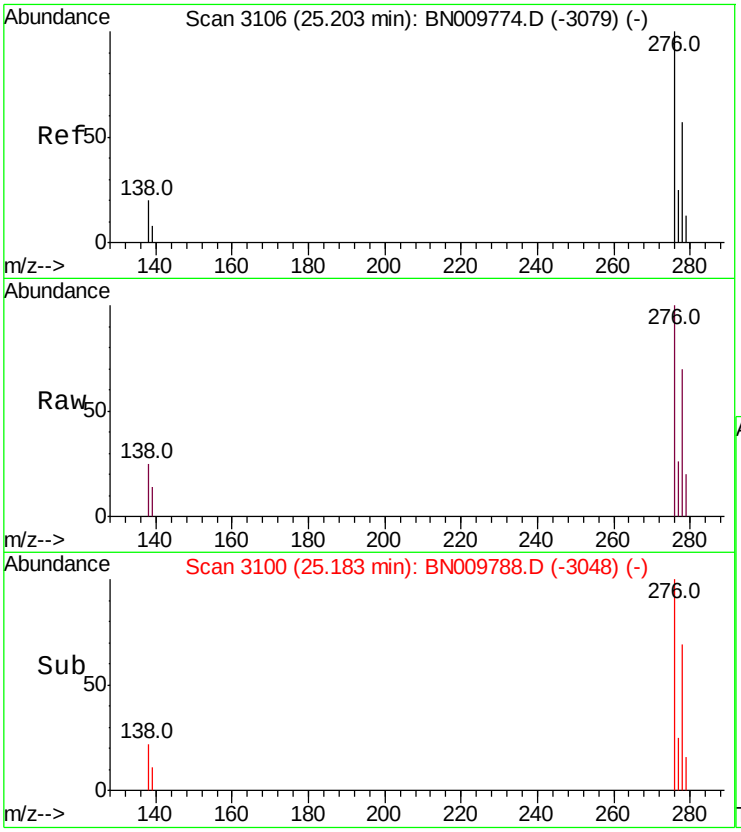


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.421 ng
RT: 20.95 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:149 Resp: 3955

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.7	34.1
279	4.1	3.1	4.7



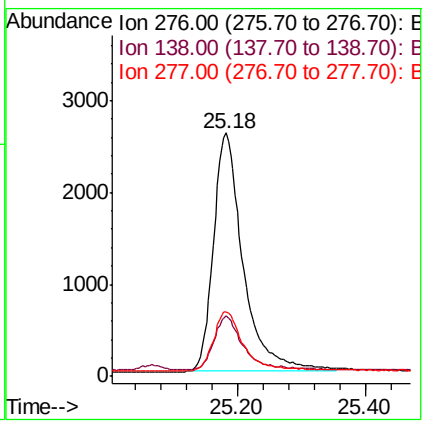


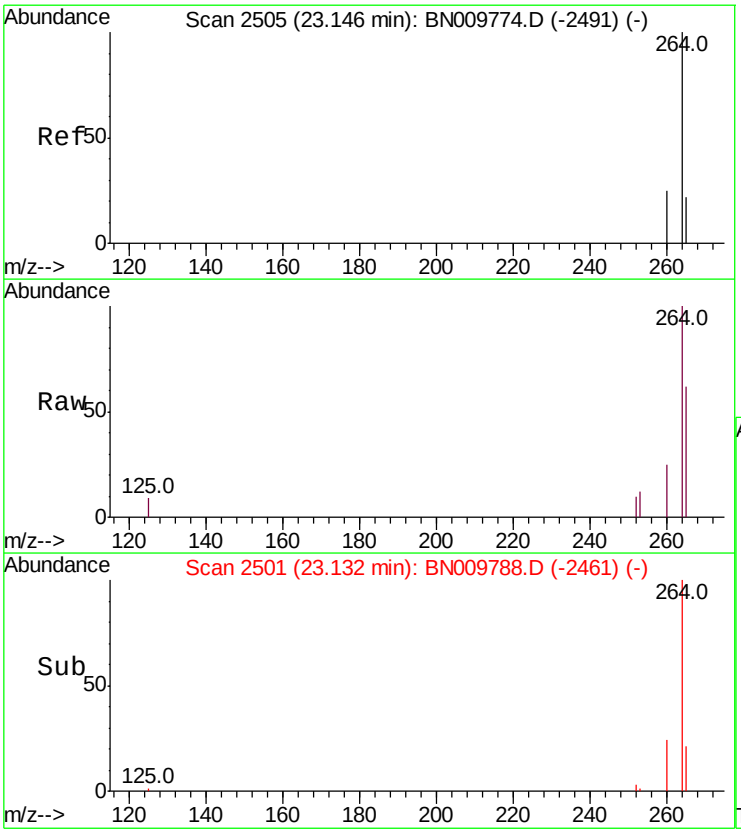
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.361 ng
RT: 25.18 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 8375

Ion	Ratio	Lower	Upper
276	100		
138	21.3	15.8	23.6
277	23.9	19.3	28.9

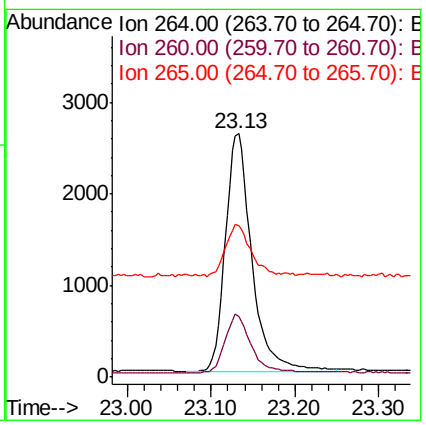


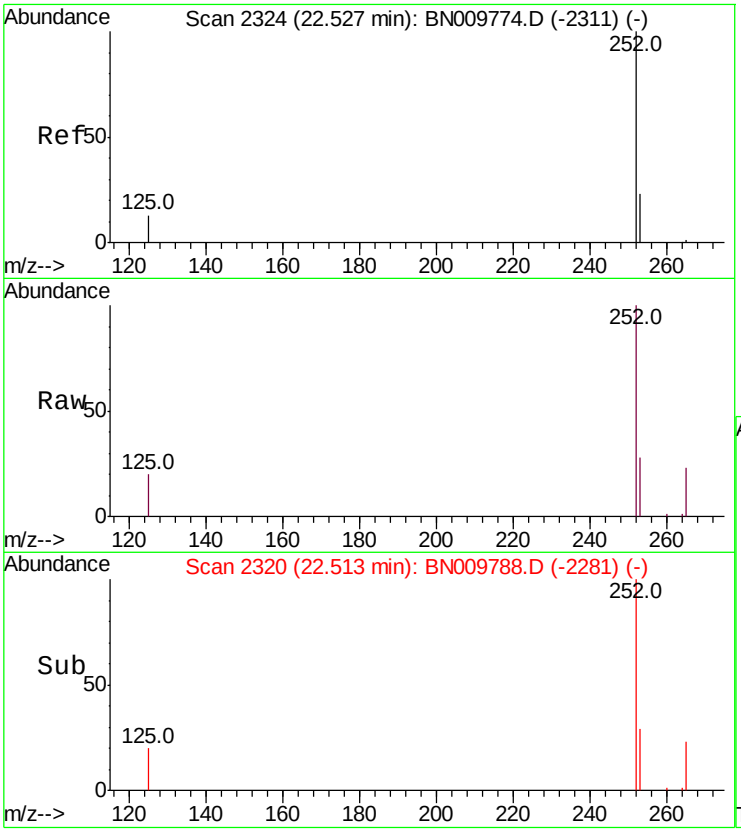


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:264 Resp: 5657

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.1	31.7
265	62.3	57.5	86.3



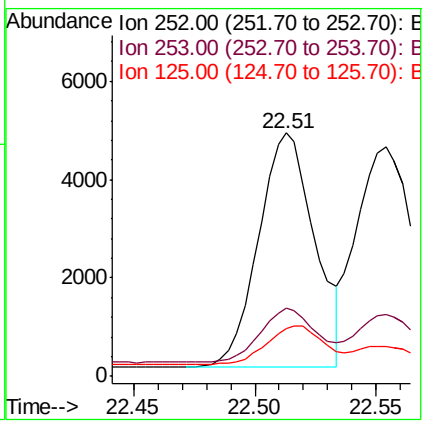


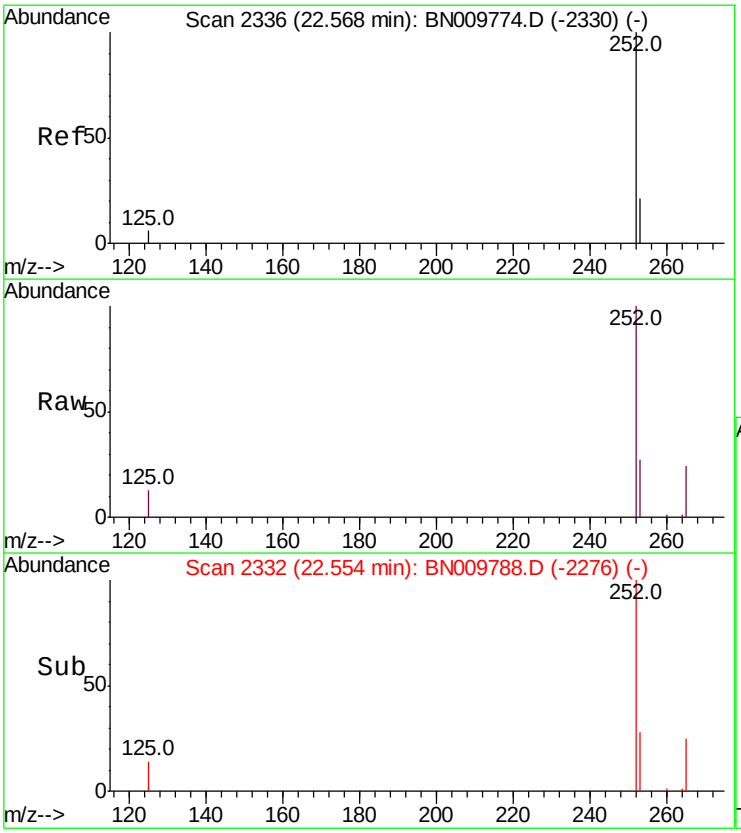
#35
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 22.51 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7683

Ion	Ratio	Lower	Upper
252	100		
253	28.1	23.0	34.6
125	19.7	14.4	21.6

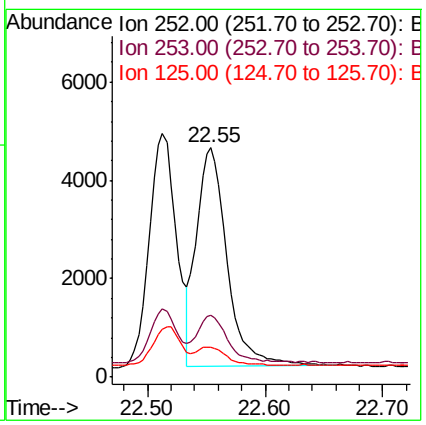


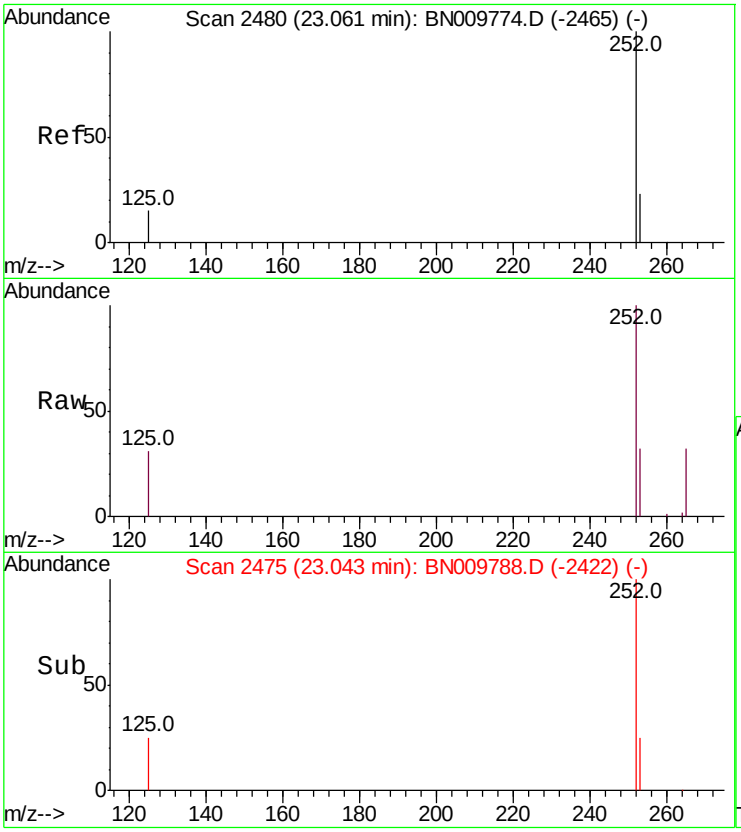


#36
Benzo(k)fluoranthene
Concen: 0.357 ng
RT: 22.55 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:252 Resp: 8030

Ion	Ratio	Lower	Upper
252	100		
253	27.1	22.2	33.2
125	13.2	10.5	15.7



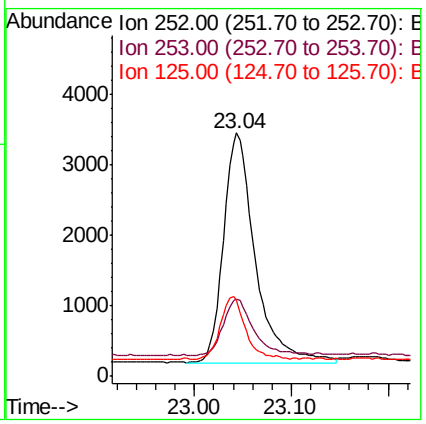


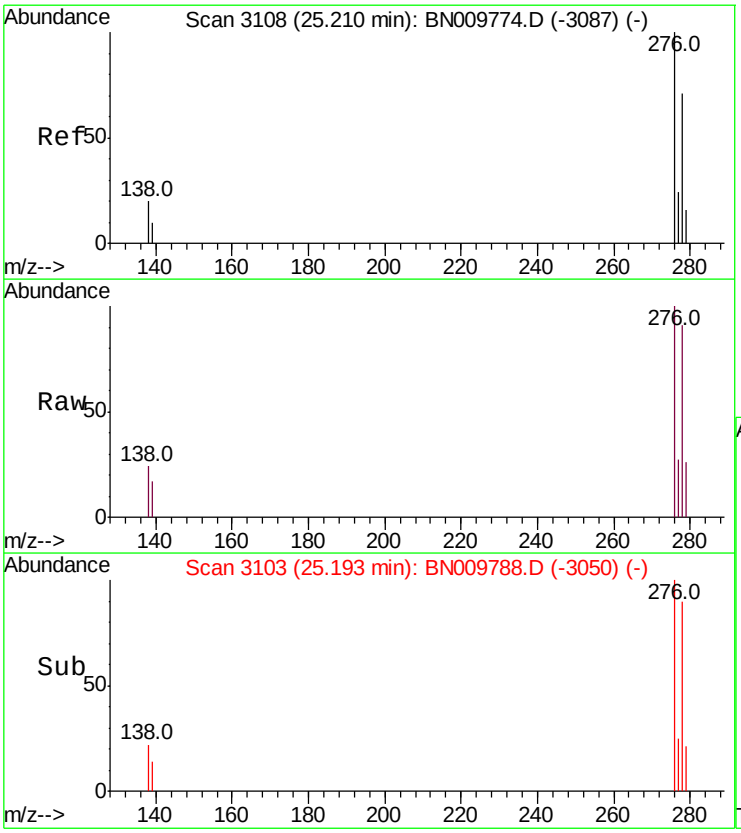
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.04 min Scan# 2475
Delta R.T. -0.02 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7455

Ion	Ratio	Lower	Upper
252	100		
253	31.8	25.3	37.9
125	31.0	17.7	26.5#

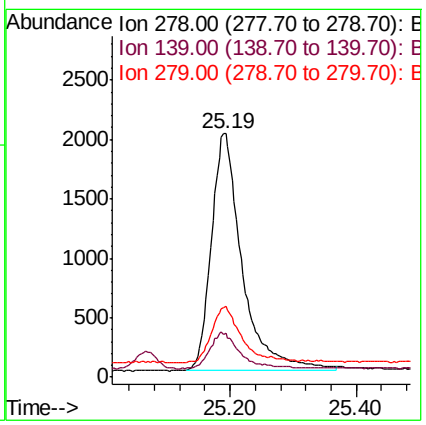


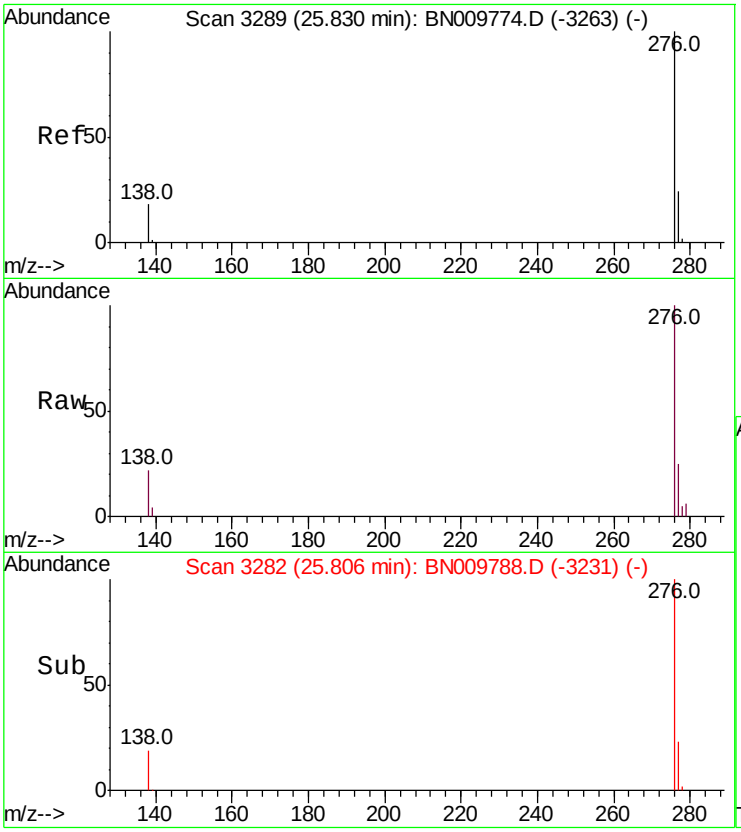


#38
Dibenzo(a,h)anthracene
Concen: 0.361 ng
RT: 25.19 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Tgt Ion:278 Resp: 6711

Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.5	21.7
279	29.0	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 0.359 ng
RT: 25.81 min Scan# 3282
Delta R.T. -0.02 min
Lab File: BN009788.D
Acq: 20 Feb 2020 20:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7105

Ion	Ratio	Lower	Upper
276	100		
277	25.4	21.4	32.0
138	21.6	16.6	24.8