Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011420\
Data File : BN009370.D
Acq On : 13 Jan 2020 18:41
Operator : JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN011420

Quant Time: Jan 14 09:38:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 09:33:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1545	0.40	ng		0.00
7) Naphthalene-d8	10.23	136	5410	0.40	ng		0.00
13) Acenaphthene-d10	14.10	164	3319	0.40	ng		0.00
19) Phenanthrene-d10	16.86	188	7310	0.40	ng		0.00
27) Chrysene-d12	21.07	240	6351	0.40	ng		0.00
34) Perylene-d12	23.19	264	6404	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1486	0.42	ng		0.00
5) Phenol-d6	6.68	99	1688	0.41	ng		0.00
8) Nitrobenzene-d5	8.63	82	1702	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.83	152	4169	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.62	330	467	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.73	172	5130	0.41	ng		0.00
25) Fluoranthene-d10	18.90	212	9626	0.38	ng		0.00
29) Terphenyl-d14	19.52	244	6094	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	688	0.427	ng		94
3) n-Nitrosodimethylamine	3.47	42	840	0.338	ng	#	92
6) bis(2-Chloroethyl)ether	6.93	93	1665	0.393	ng		92
9) Naphthalene	10.28	128	5974	0.408	ng		99
10) Hexachlorobutadiene	10.57	225	1302	0.406	ng	#	97
12) 2-Methylnaphthalene	11.91	142	4088	0.401	ng		99
16) Acenaphthylene	13.82	152	5576	0.389	ng		99
17) Acenaphthene	14.17	154	4094	0.407	ng		100
18) Fluorene	15.16	166	5252	0.400	ng		100
20) 4-Bromophenyl-phenylether	16.06	248	1734	0.394	ng	#	86
21) Hexachlorobenzene	16.18	284	1905	0.406	ng		98
22) Pentachlorophenol	16.55	266	457	0.423	ng		97
23) Phenanthrene	16.90	178	8721	0.397	ng		100
24) Anthracene	17.00	178	7043	0.382	ng		100
26) Fluoranthene	18.93	202	9869	0.383	ng		100
28) Pyrene	19.29	202	9975	0.414	ng		100
30) Benzo(a)anthracene	21.05	228	8343	0.400	ng		99
31) Chrysene	21.10	228	9415	0.394	ng		100
32) Bis(2-ethylhexyl)phthalate	21.00	149	3543	0.384	ng		98
33) Indeno(1,2,3-cd)pyrene	25.26	276	10220	0.411	ng		98
35) Benzo(b)fluoranthene	22.56	252	9190	0.390	ng		99
36) Benzo(k)fluoranthene	22.60	252	10243	0.394	ng		99
37) Benzo(a)pyrene	23.10	252	8292	0.400	ng		97
38) Dibenzo(a,h)anthracene	25.27	278	8043	0.386	ng		98
39) Benzo(g,h,i)perylene	25.88	276	8837	0.385	ng		99

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

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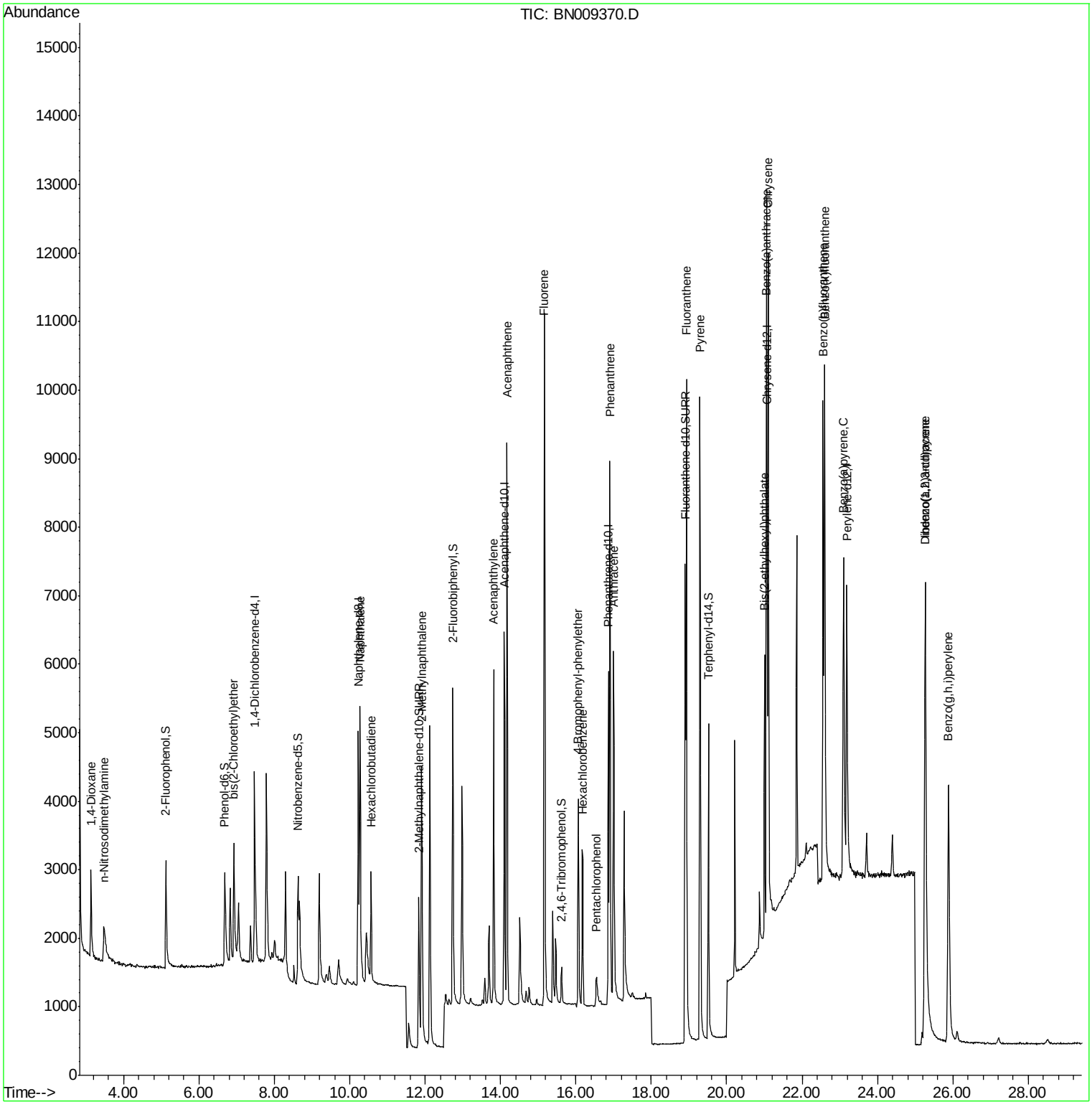
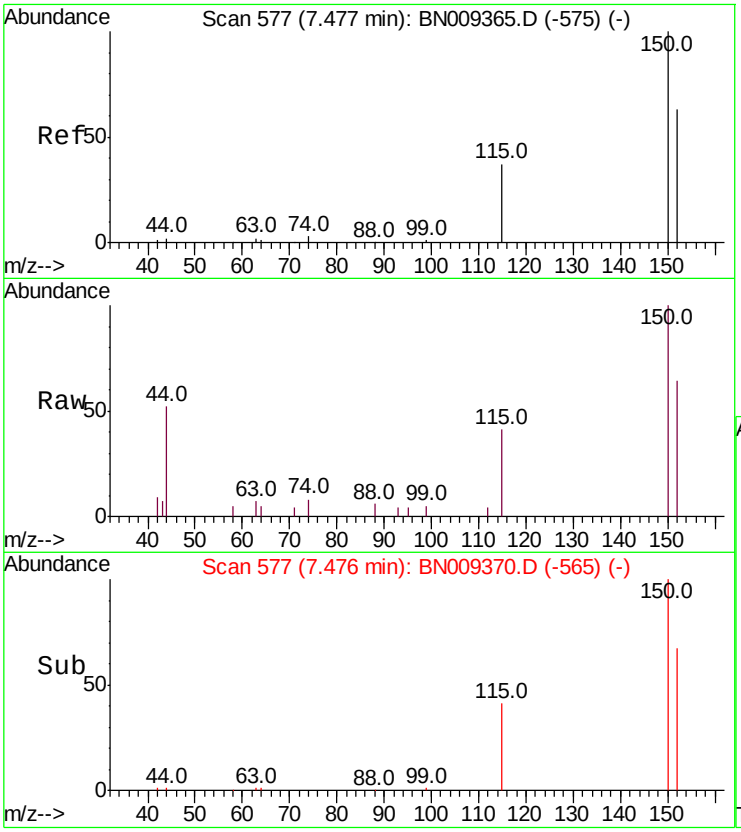
Operator : JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Quant Time: Jan 14 09:38:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 09:33:55 2020
Response via : Initial Calibration



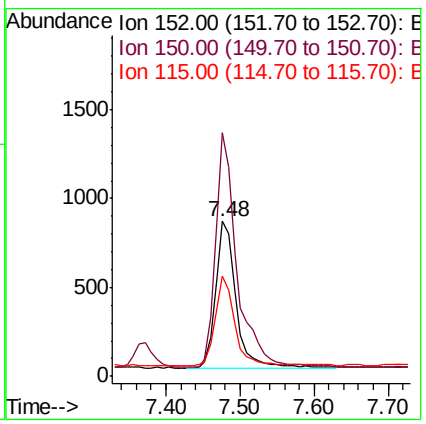


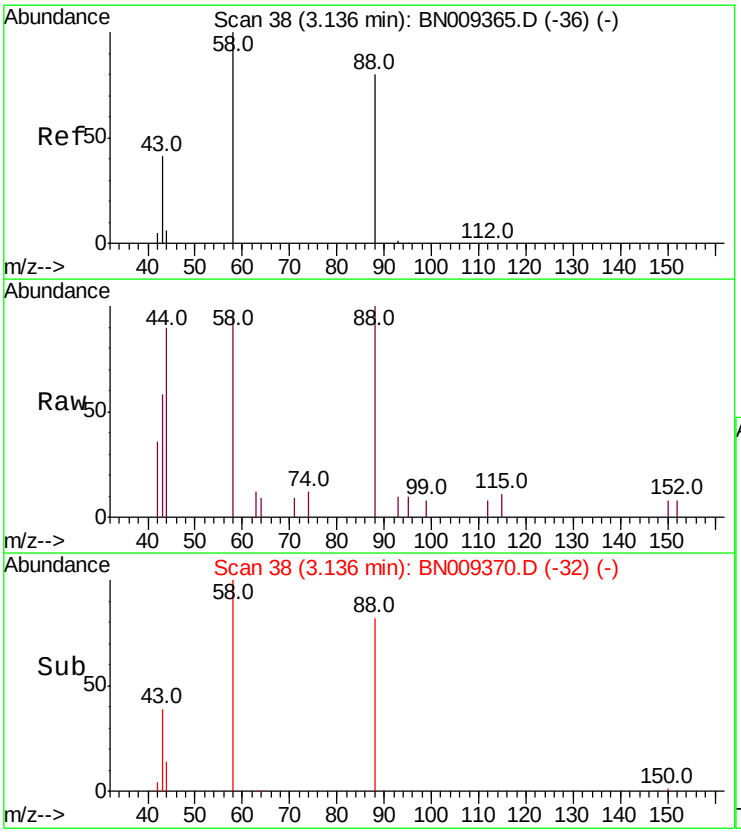
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:152 Resp: 1545

Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.7	188.5
115	65.0	53.3	79.9

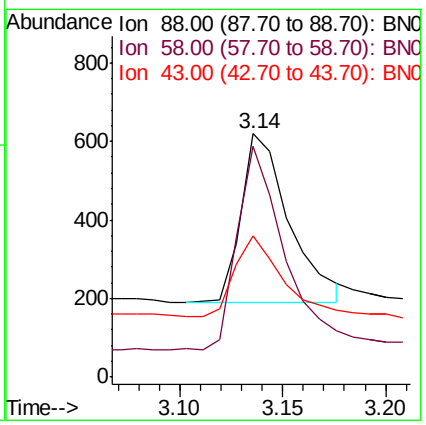


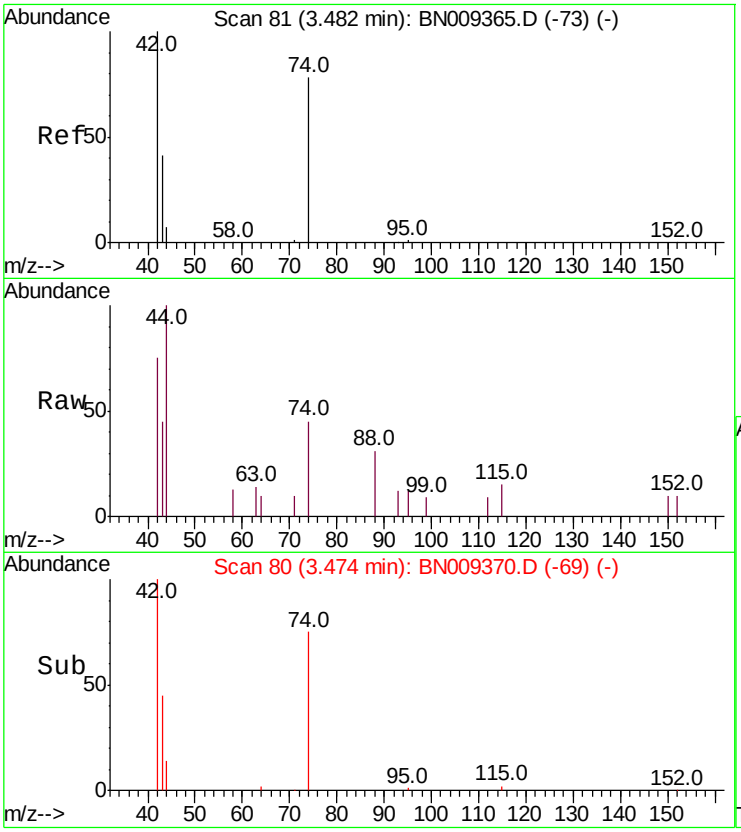


#2
1,4-Dioxane
Concen: 0.427 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion: 88 Resp: 688

Ion	Ratio	Lower	Upper
88	100		
58	119.3	100.2	150.2
43	47.8	43.1	64.7



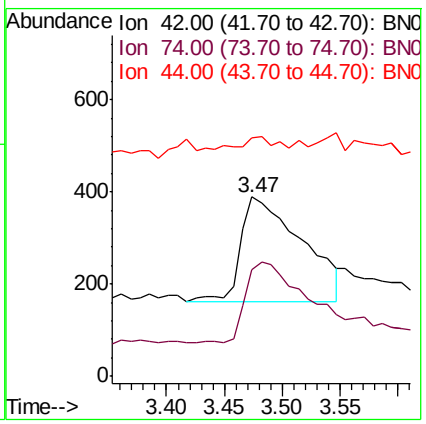


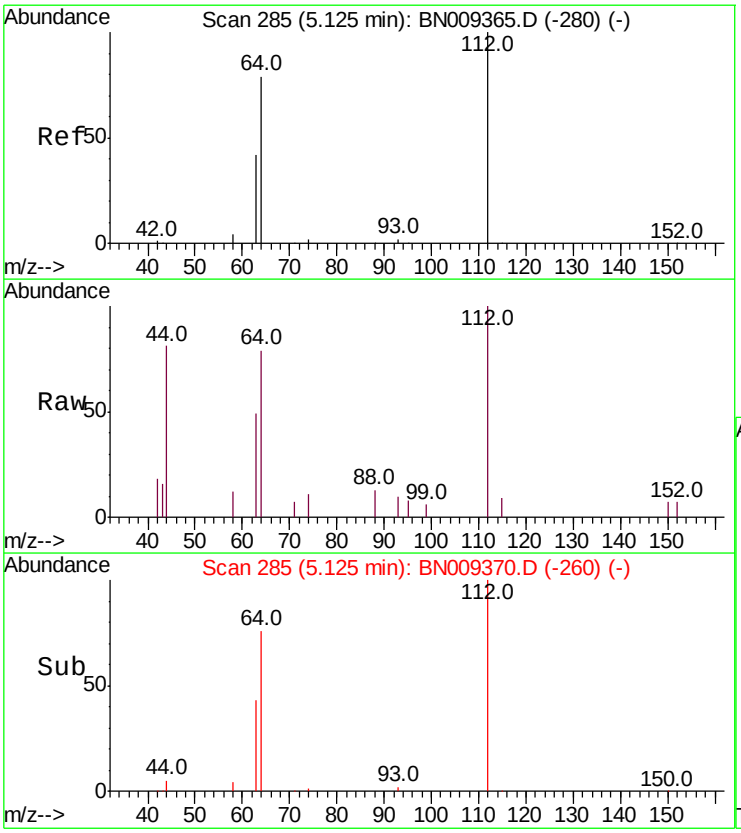
#3
n-Nitrosodimethylamine
Concen: 0.338 ng
RT: 3.47 min Scan# 80
Delta R.T. -0.01 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion: 42 Resp: 840

Ion	Ratio	Lower	Upper
42	100		
74	74.9	55.8	83.8
44	6.3	11.1	16.7#

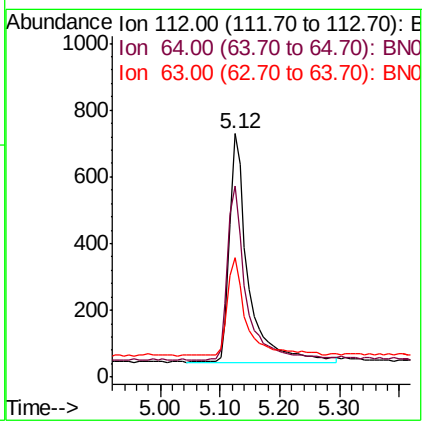


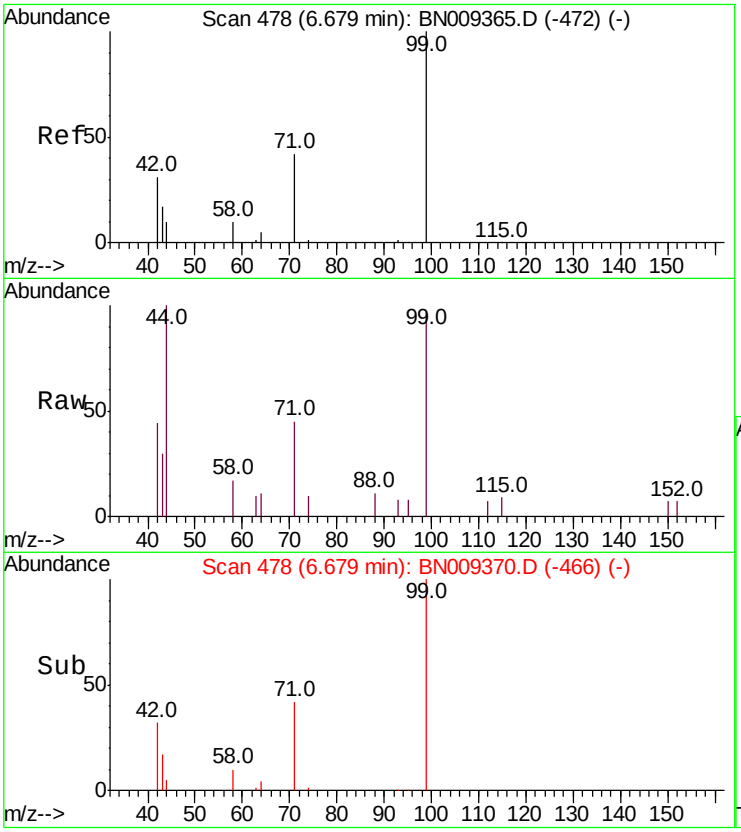


#4
2-Fluorophenol
Concen: 0.418 ng
RT: 5.12 min Scan# 285
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:112 Resp: 1486

Ion	Ratio	Lower	Upper
112	100		
64	77.3	61.5	92.3
63	41.5	35.0	52.4



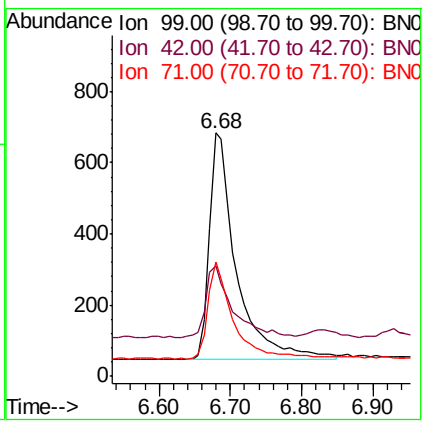


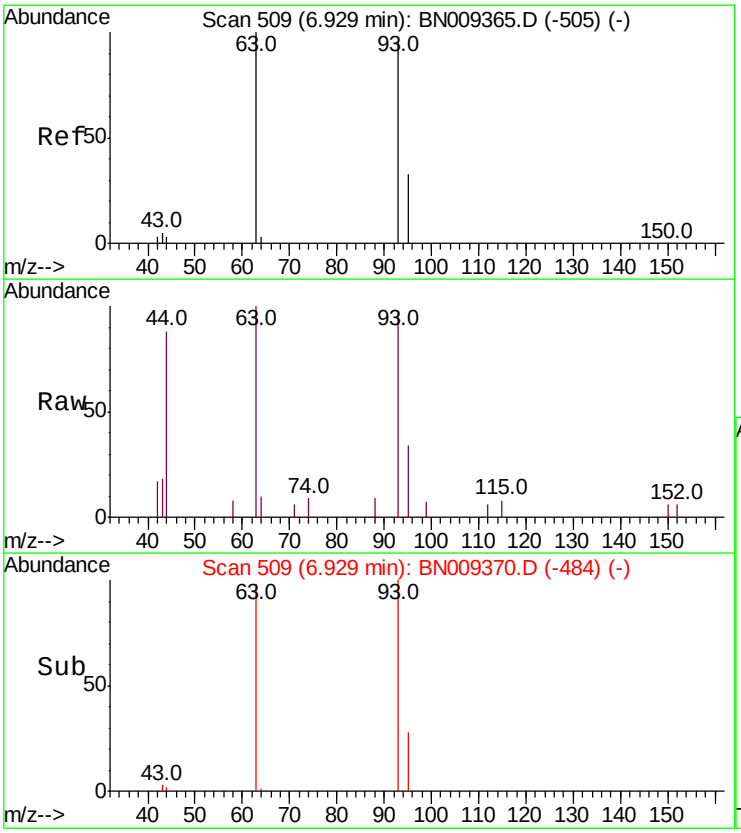
#5
Phenol-d6
Concen: 0.410 ng
RT: 6.68 min Scan# 478
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion: 99 Resp: 1688

Ion	Ratio	Lower	Upper
99	100		
42	30.8	27.6	41.4
71	40.2	33.0	49.6

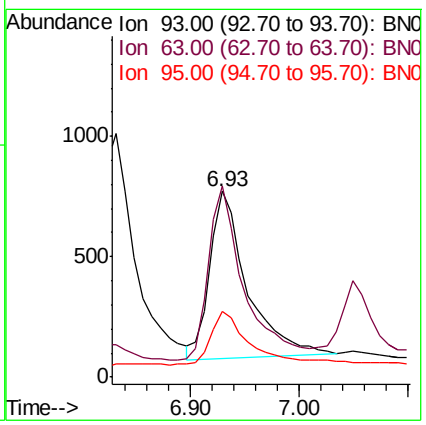


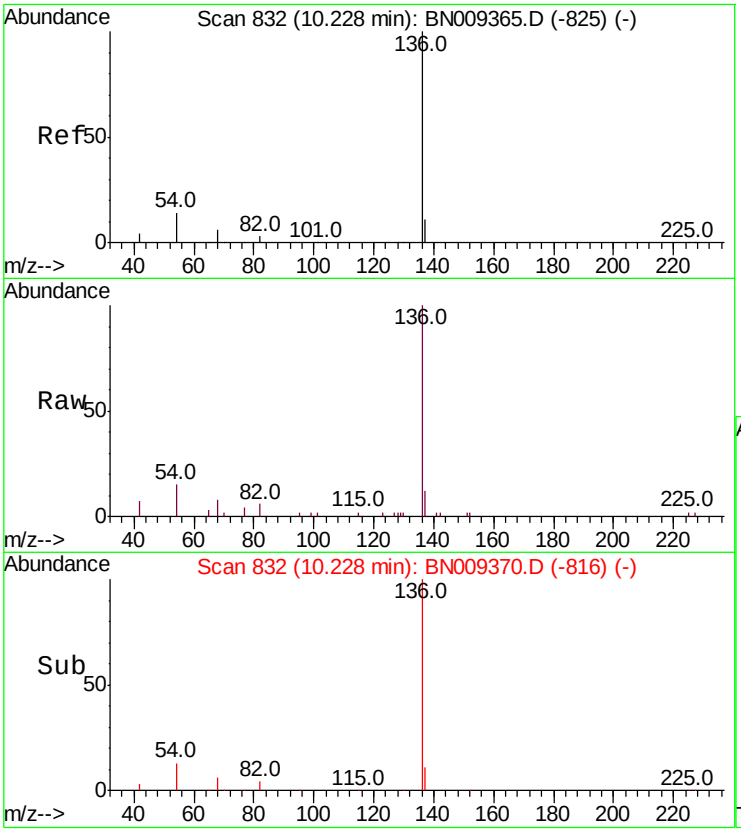


#6
bis(2-Chloroethyl)ether
Concen: 0.393 ng
RT: 6.93 min Scan# 509
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion: 93 Resp: 1665

Ion	Ratio	Lower	Upper
93	100		
63	98.9	85.1	127.7
95	32.1	30.2	45.4



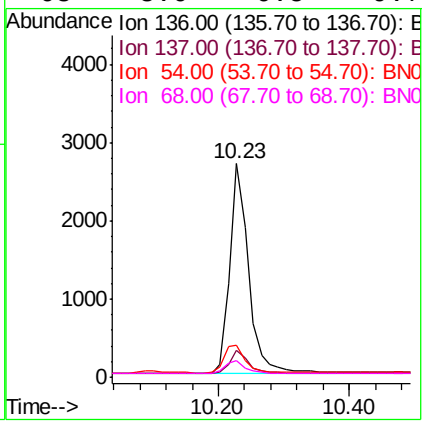


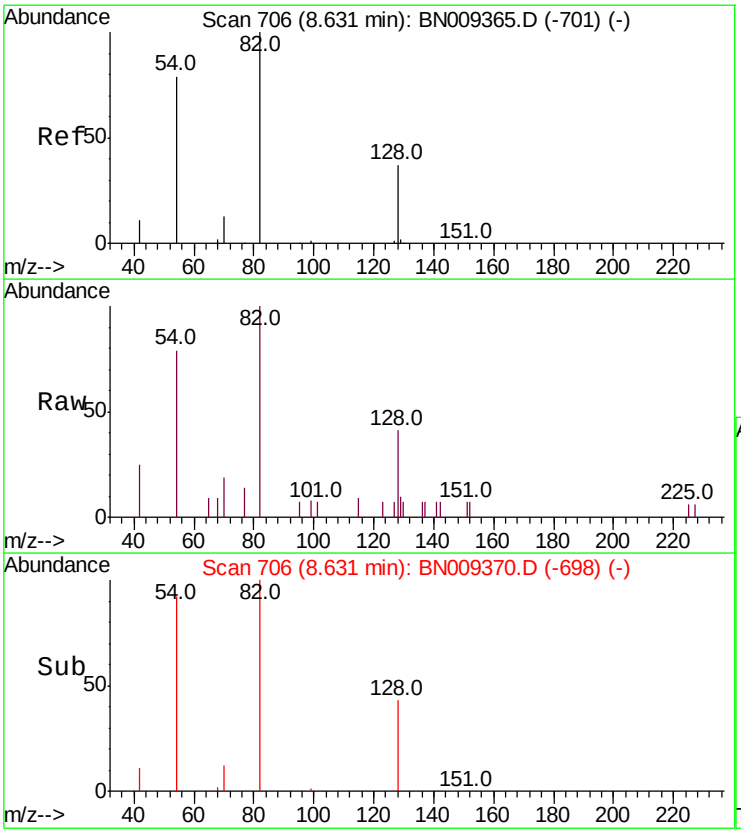
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:136 Resp: 5410

Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.3	15.5
54	15.2	12.6	19.0
68	8.0	6.5	9.7

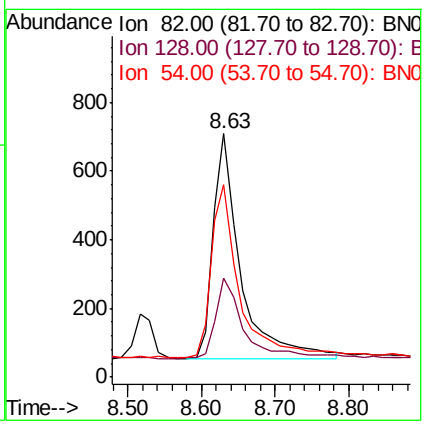


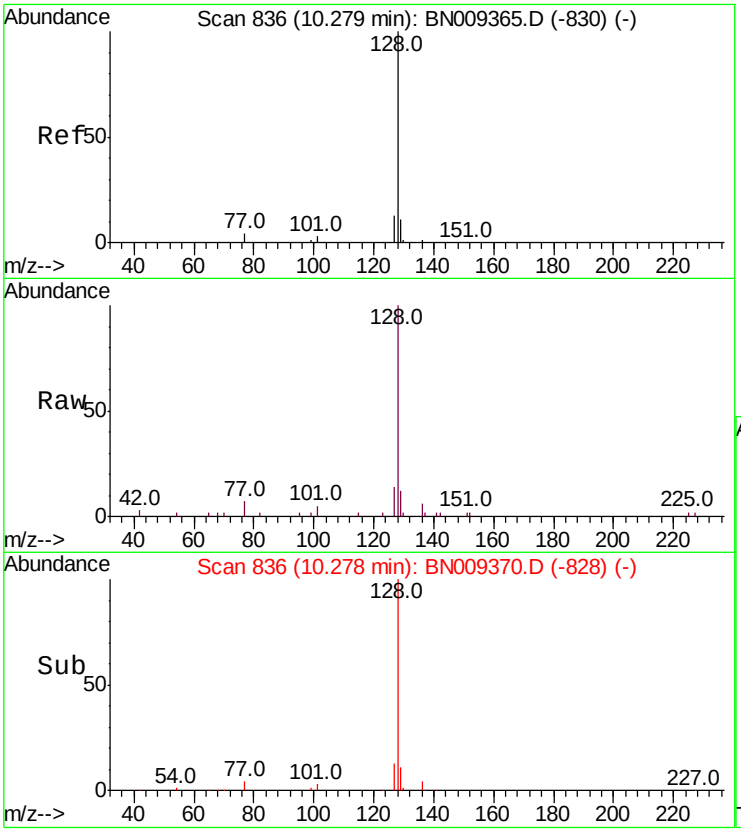


#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.63 min Scan# 706
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion: 82 Resp: 1702

Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.8	52.2
54	79.3	65.8	98.6



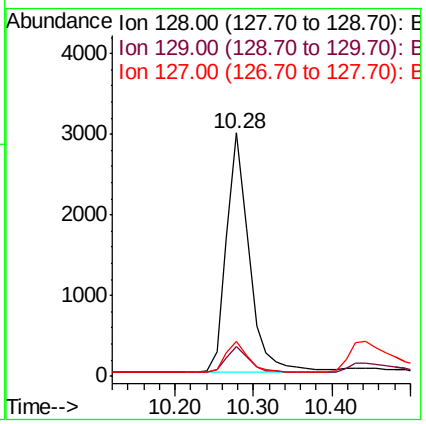


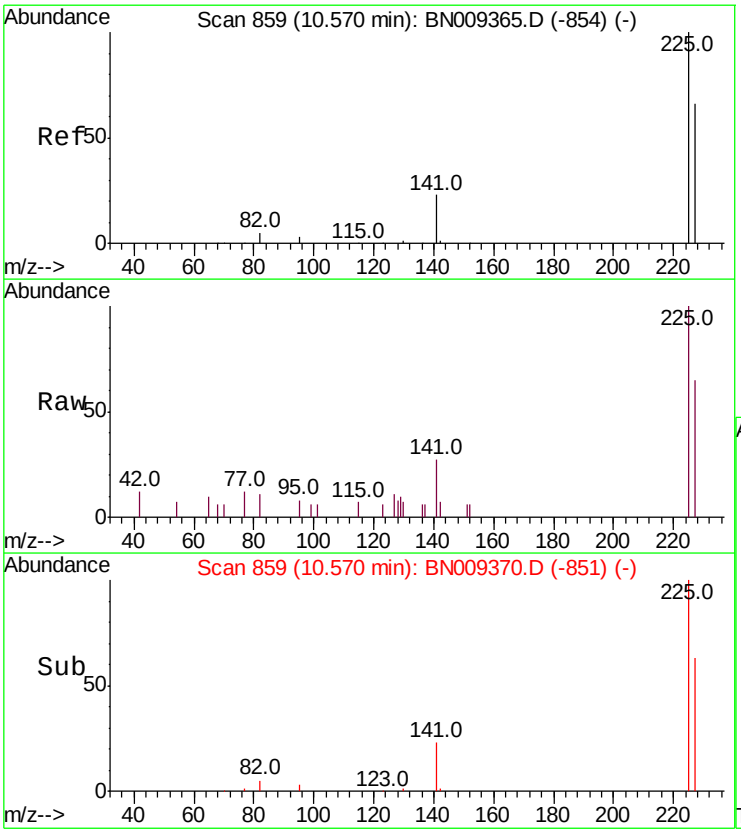
#9
Naphthalene
Concen: 0.408 ng
RT: 10.28 min Scan# 836
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:128 Resp: 5974

Ion	Ratio	Lower	Upper
128	100		
129	12.3	10.4	15.6
127	14.3	11.4	17.2

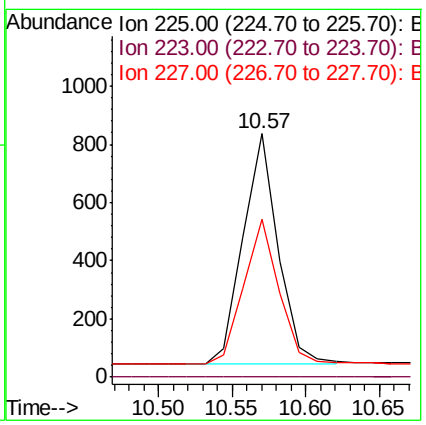


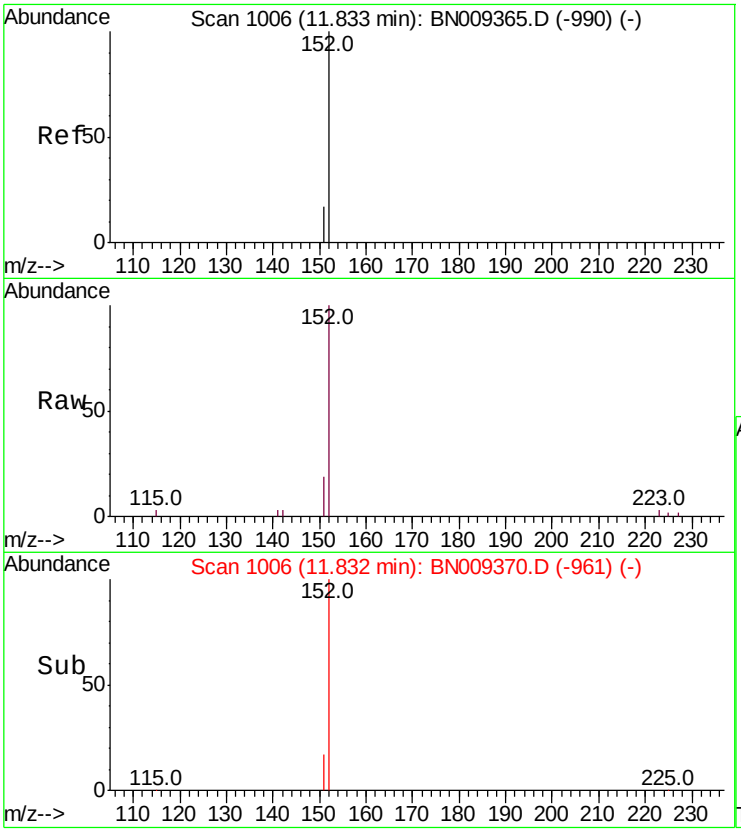


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.57 min Scan# 859
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:225 Resp: 1302

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	52.6	78.8



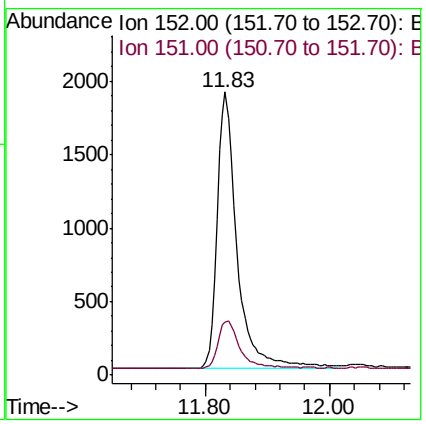


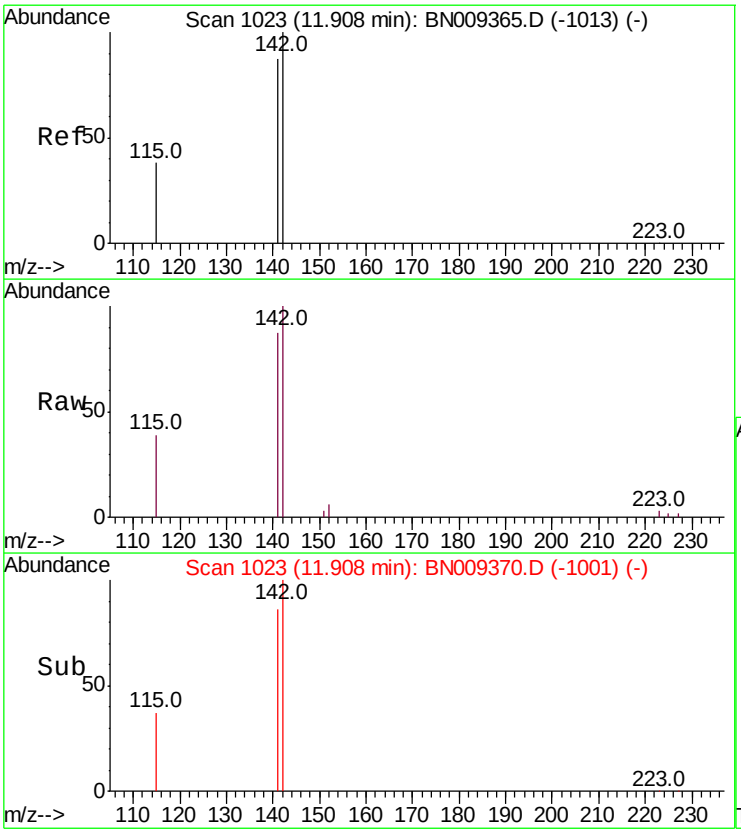
#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:152 Resp: 4169

Ion	Ratio	Lower	Upper
152	100		
151	19.0	14.8	22.2

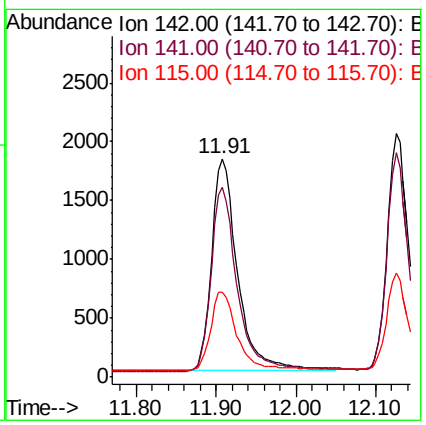


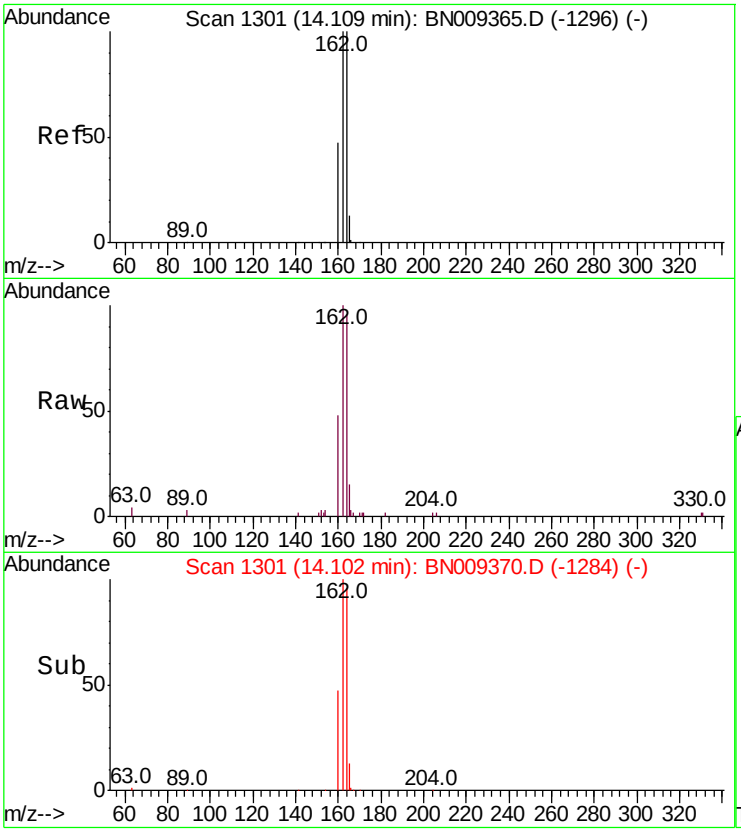


#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 11.91 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:142 Resp: 4088

Ion	Ratio	Lower	Upper
142	100		
141	86.6	69.8	104.6
115	39.0	32.5	48.7



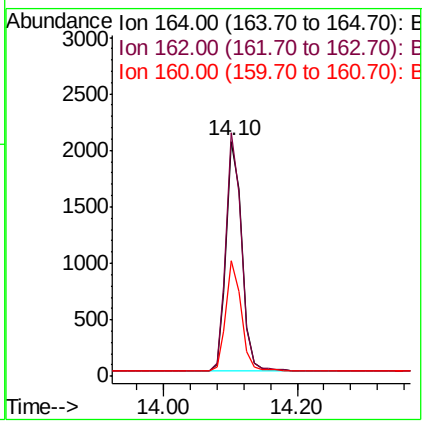


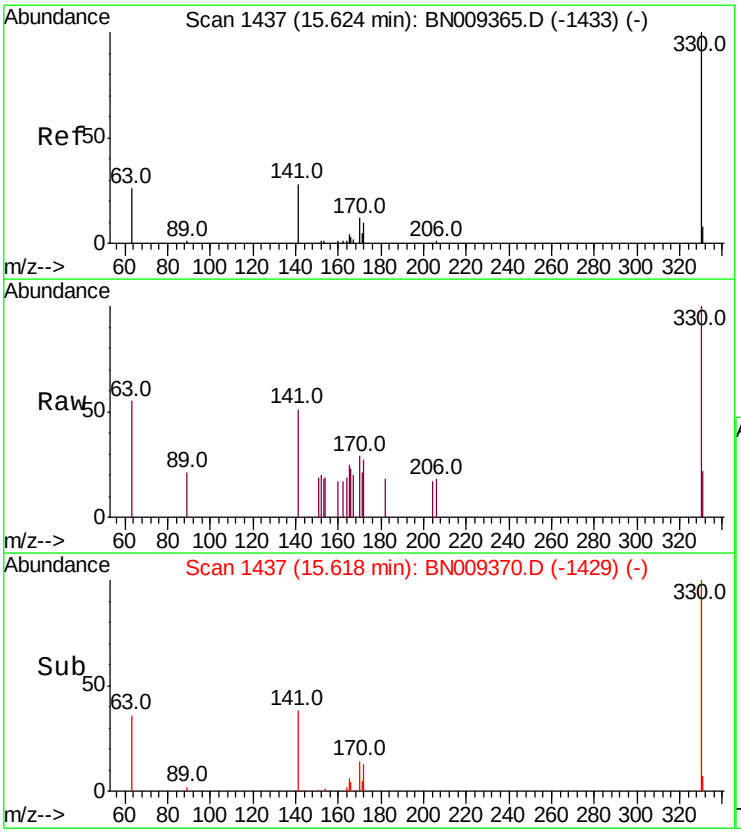
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:164 Resp: 3319

Ion	Ratio	Lower	Upper
164	100		
162	103.7	79.8	119.6
160	49.5	38.4	57.6

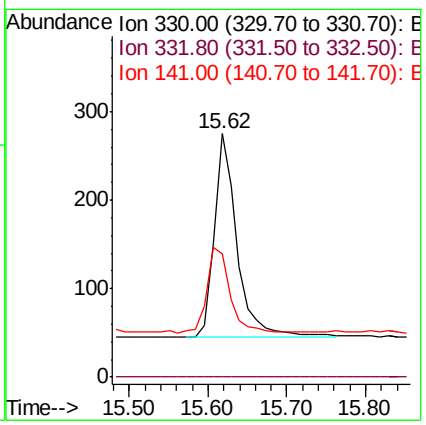


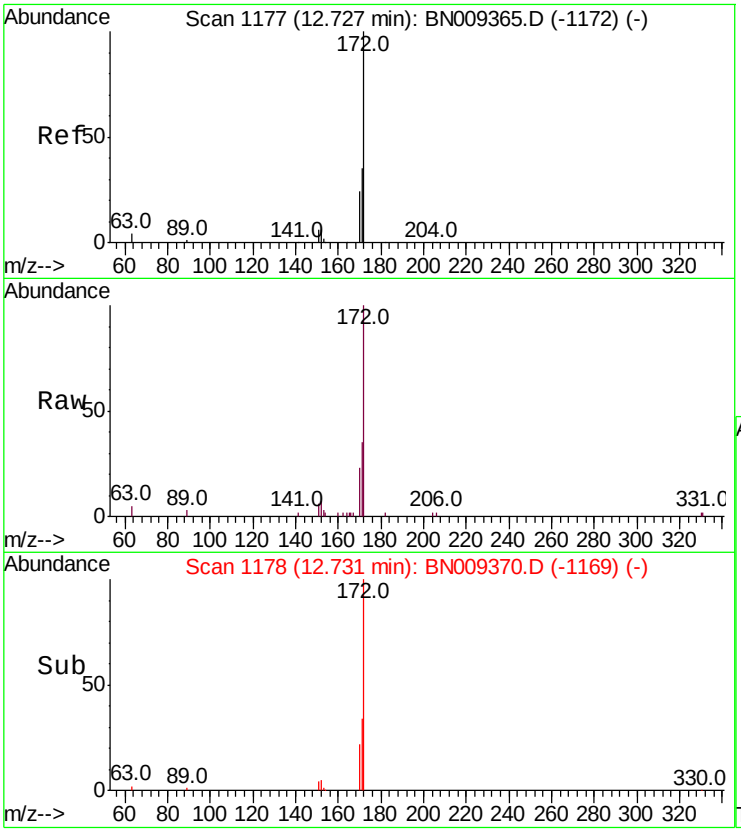


#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.62 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:330 Resp: 467

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.6	33.1	49.7



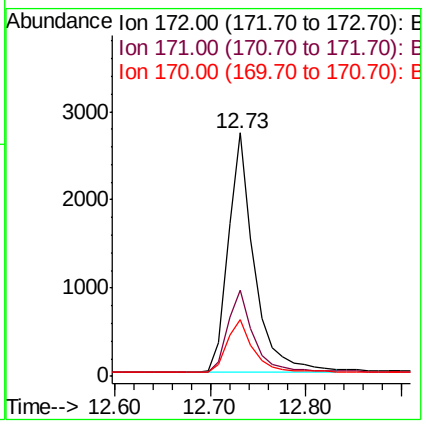


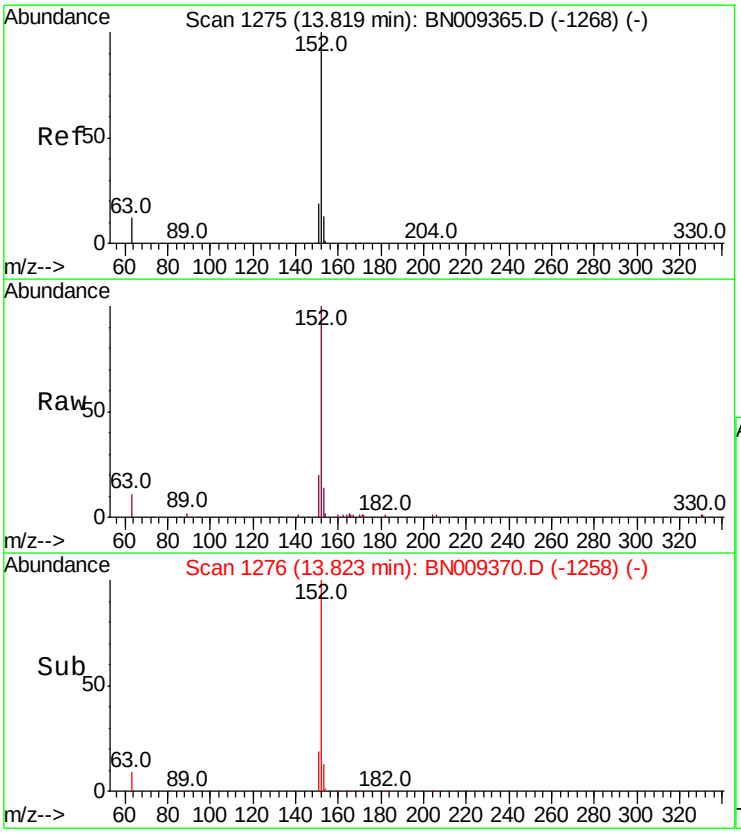
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.73 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:172 Resp: 5130

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.5	44.3
170	23.2	20.7	31.1

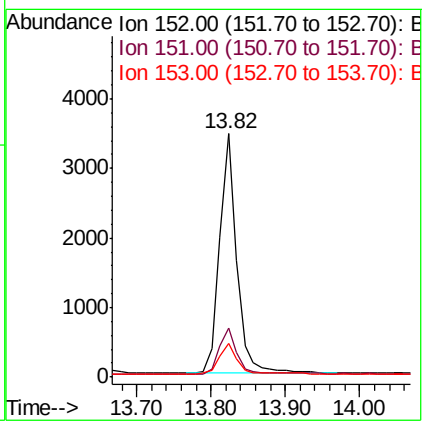


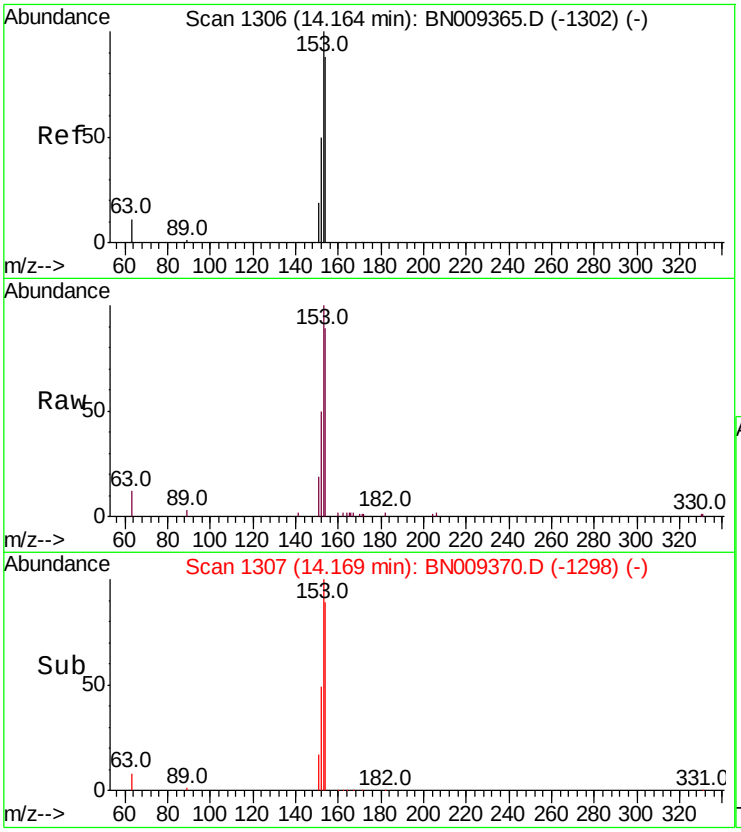


#16
Acenaphthylene
Concen: 0.389 ng
RT: 13.82 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:152 Resp: 5576

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.2
153	13.1	10.4	15.6



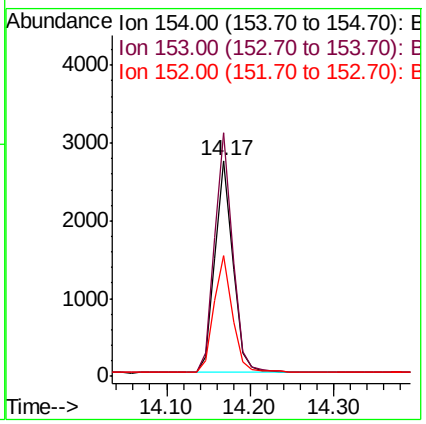


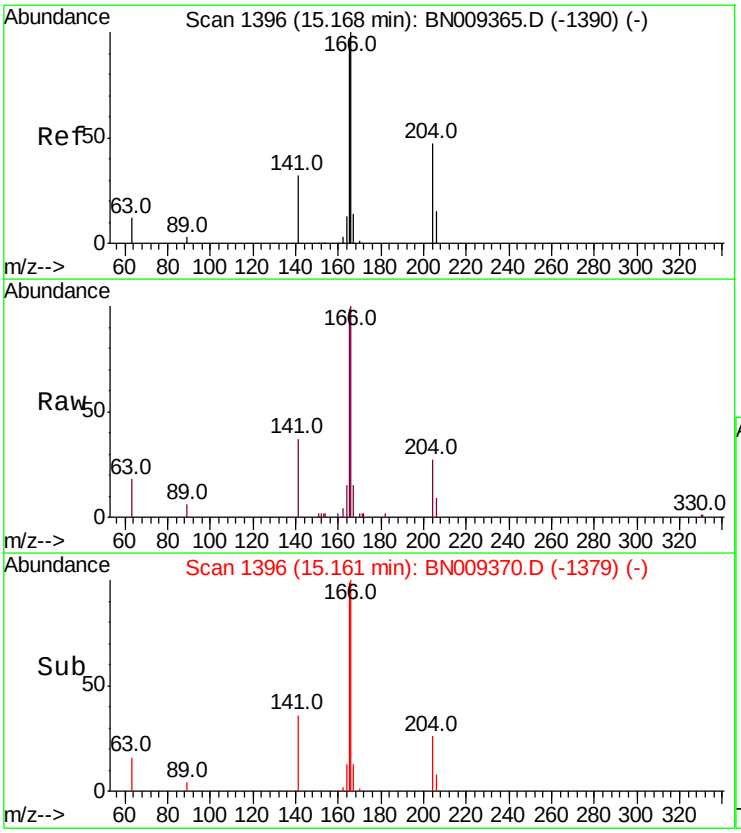
#17
Acenaphthene
Concen: 0.407 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:154 Resp: 4094

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.5	135.7
152	56.4	45.3	67.9

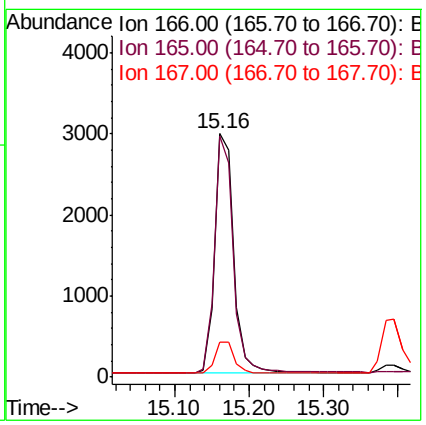


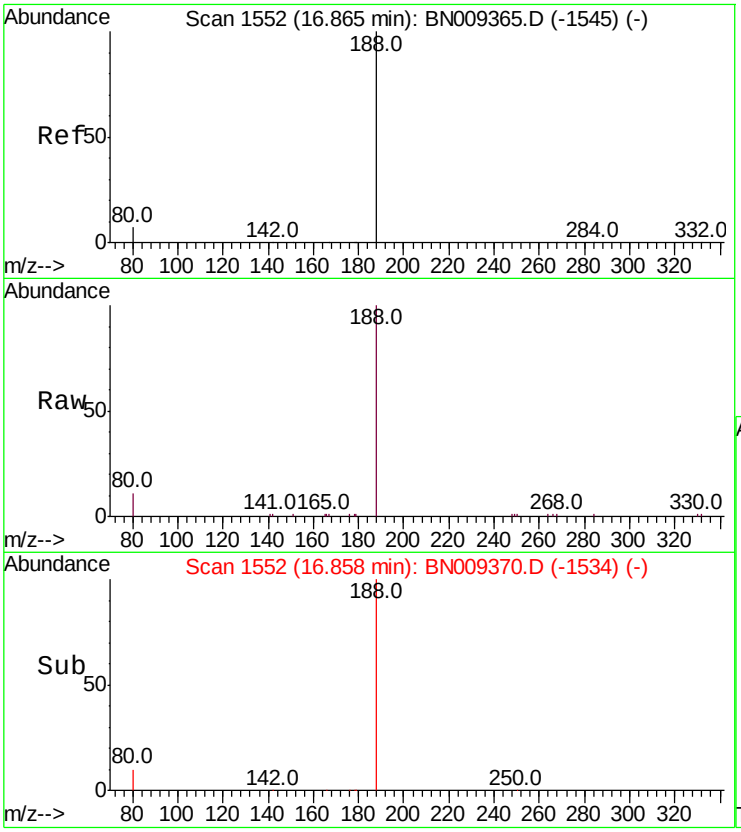


#18
Fluorene
Concen: 0.400 ng
RT: 15.16 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:166 Resp: 5252

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.2	117.2
167	13.7	11.0	16.6



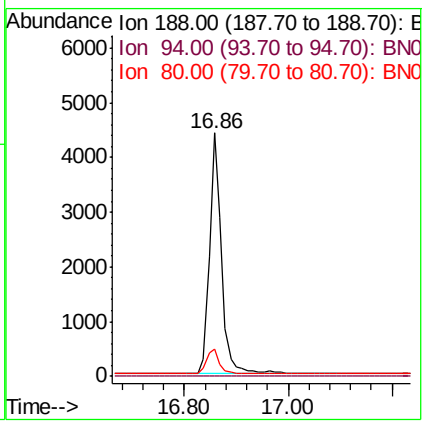


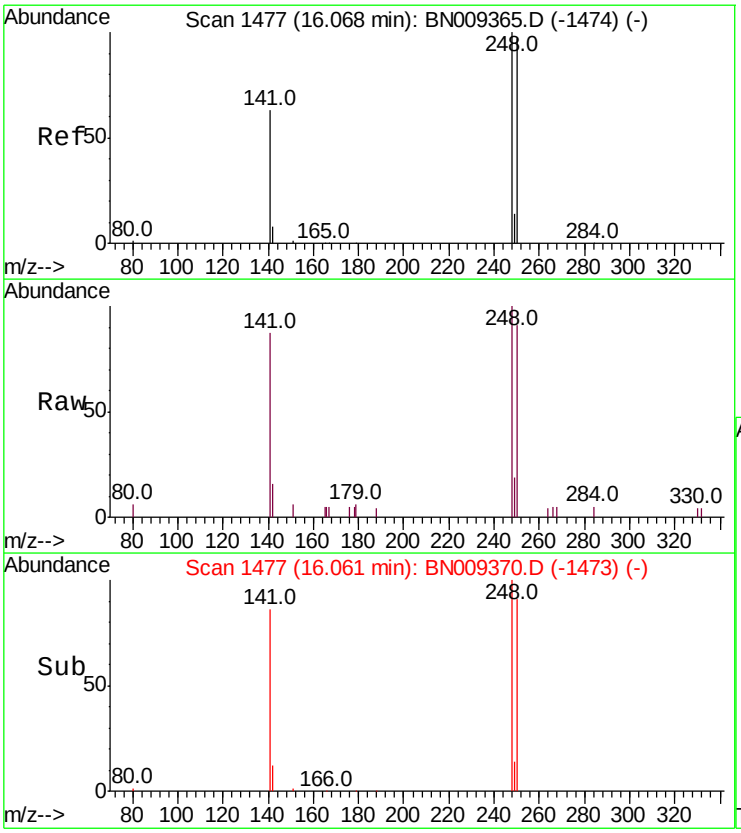
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.86 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:188 Resp: 7310

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	6.6	10.0#

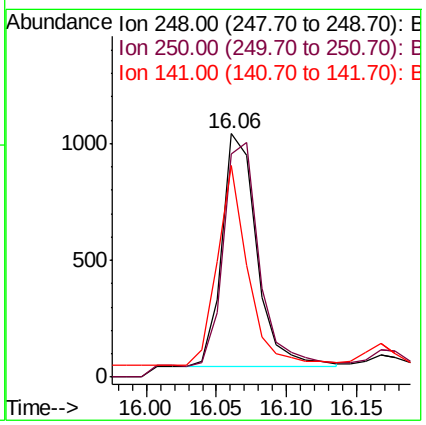


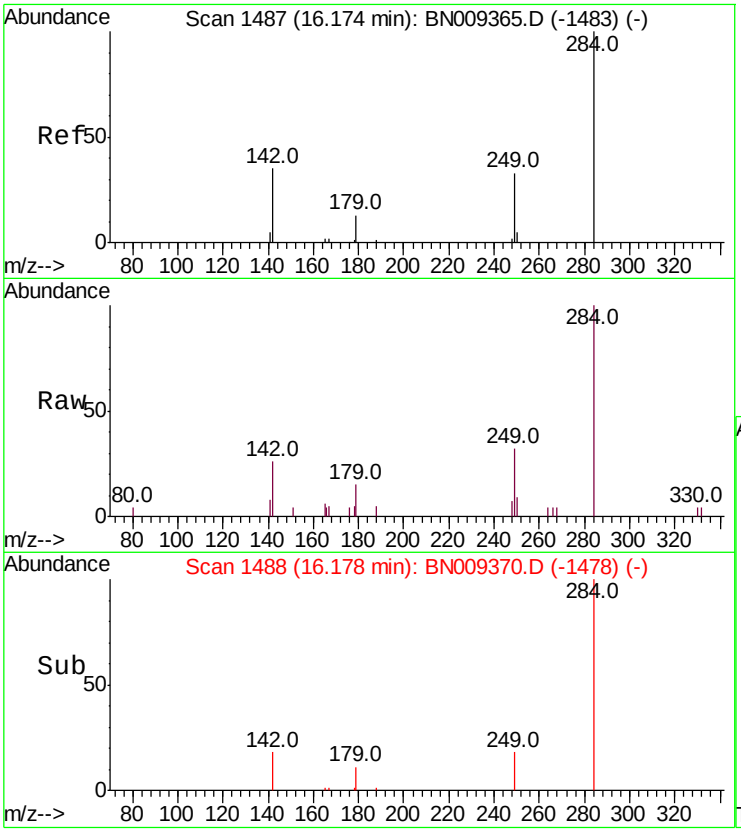


#20
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 16.06 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:248 Resp: 1734

Ion	Ratio	Lower	Upper
248	100		
250	91.5	77.8	116.8
141	86.7	53.4	80.0#



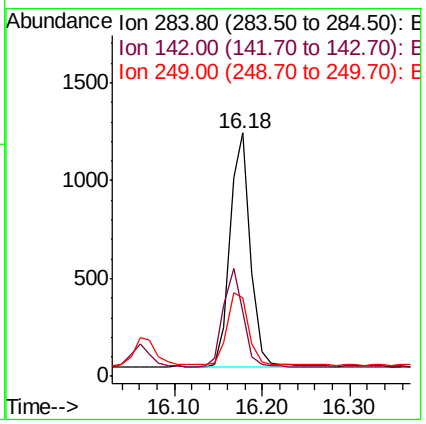


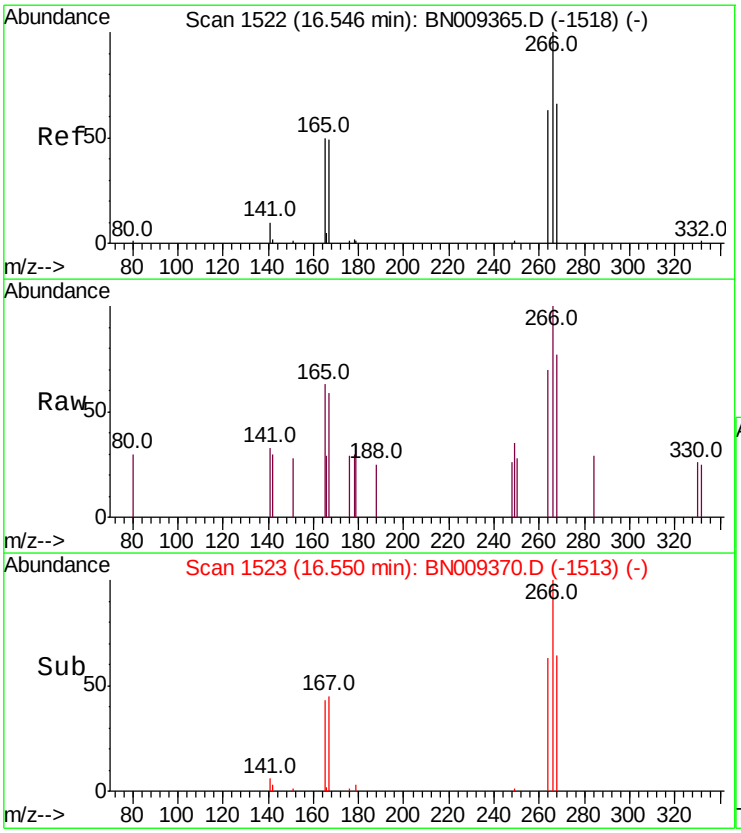
#21
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.18 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:284 Resp: 1905

Ion	Ratio	Lower	Upper
284	100		
142	40.6	33.8	50.8
249	32.7	27.0	40.4

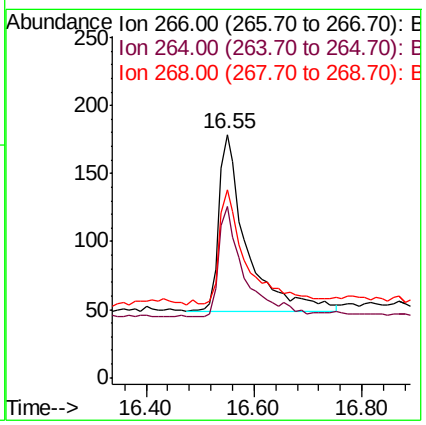


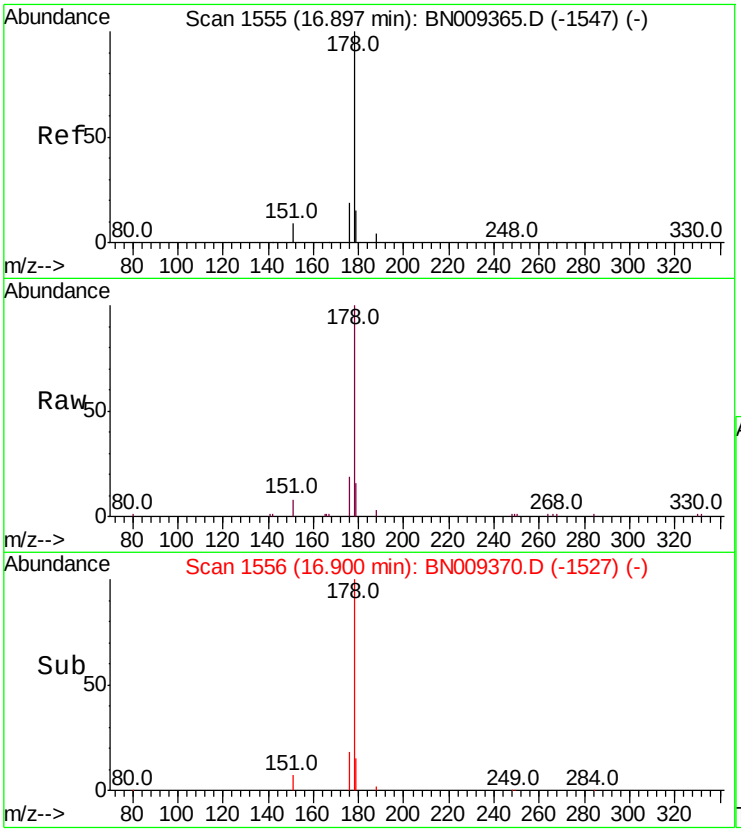


#22
Pentachlorophenol
Concen: 0.423 ng
RT: 16.55 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:266 Resp: 457

Ion	Ratio	Lower	Upper
266	100		
264	70.4	57.8	86.6
268	77.1	63.8	95.6



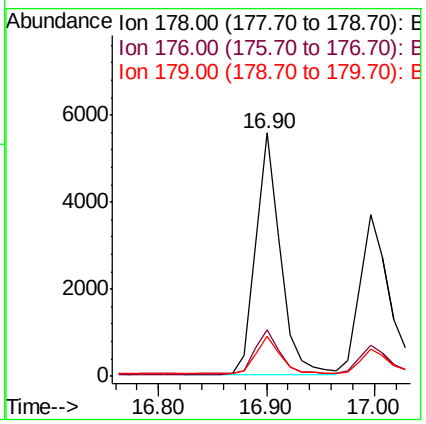


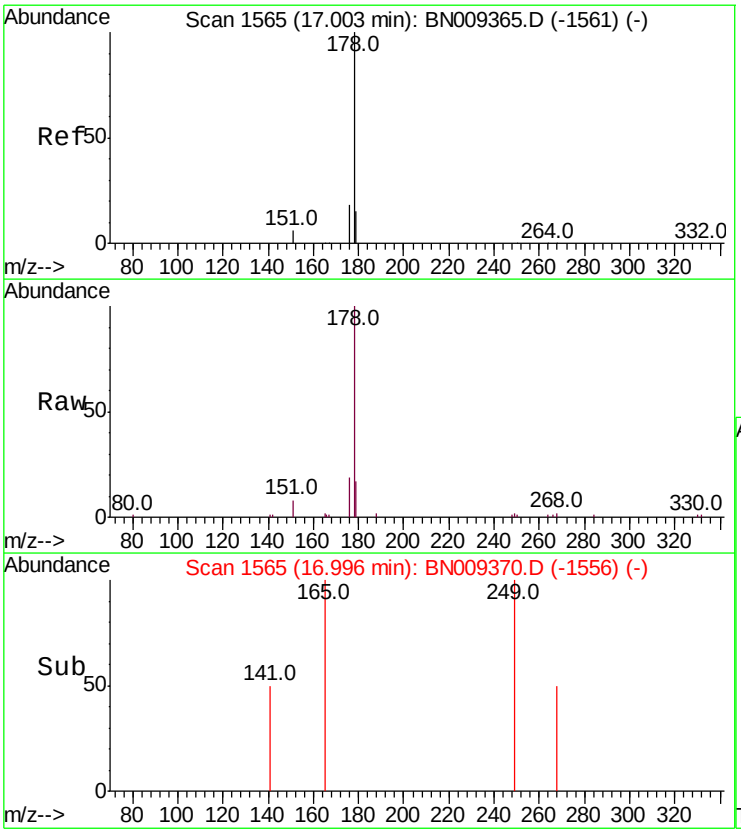
#23
Phenanthrene
Concen: 0.397 ng
RT: 16.90 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:178 Resp: 8721

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.3	12.3	18.5

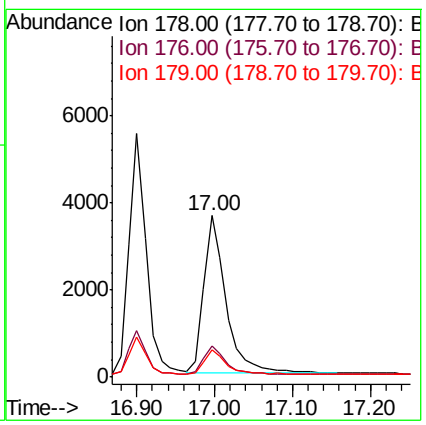


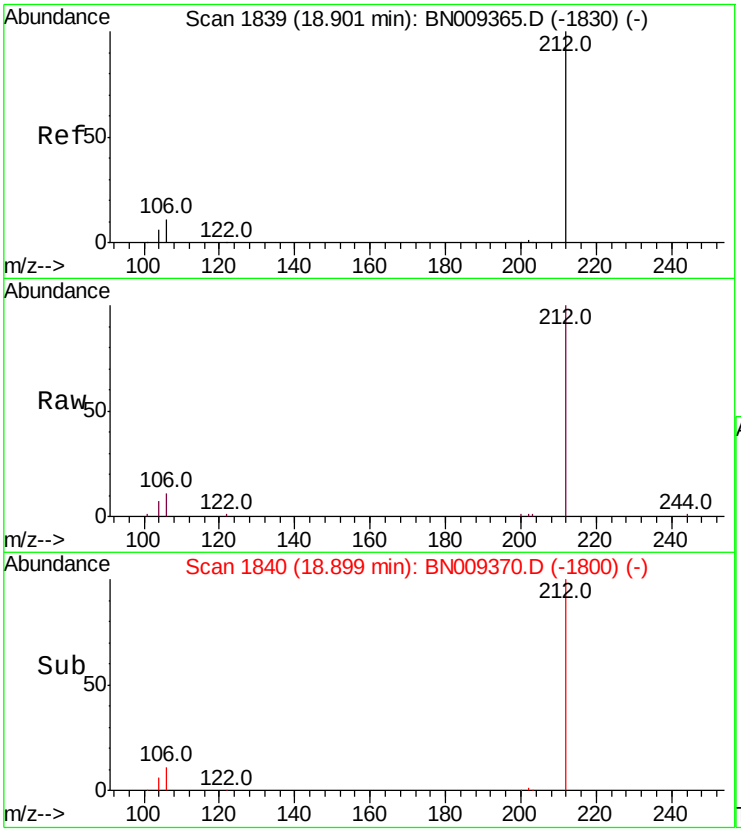


#24
Anthracene
Concen: 0.382 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:178 Resp: 7043

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.2	12.5	18.7



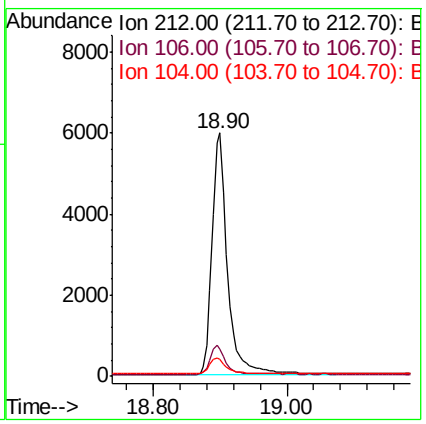


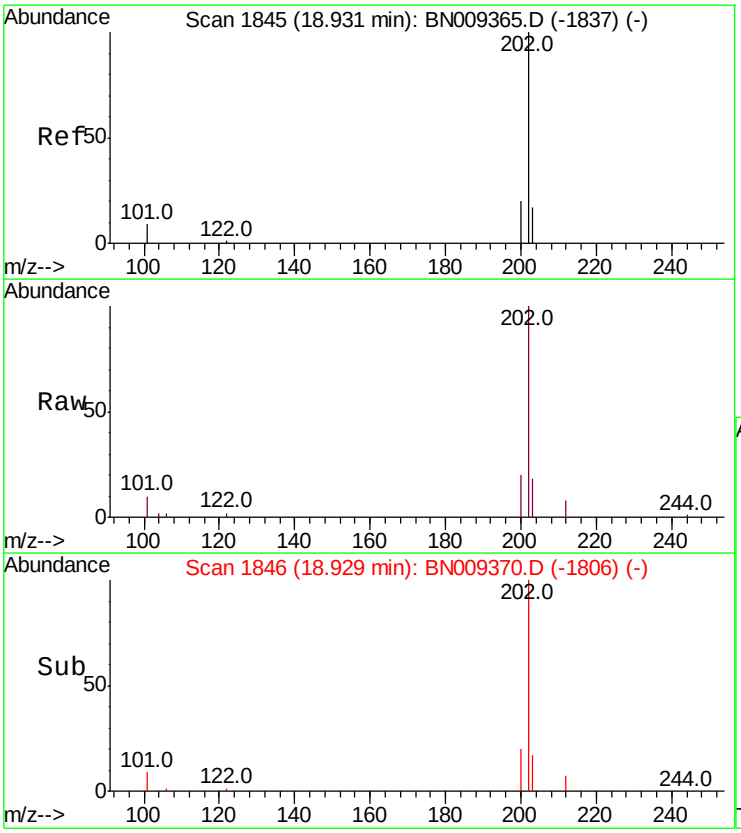
#25
Fluoranthene-d10
Concen: 0.384 ng
RT: 18.90 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:212 Resp: 9626

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.2	13.8
104	6.7	5.4	8.0

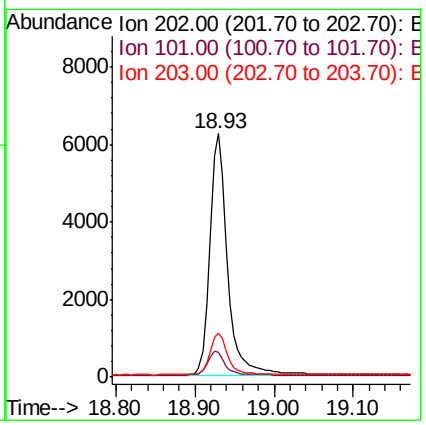


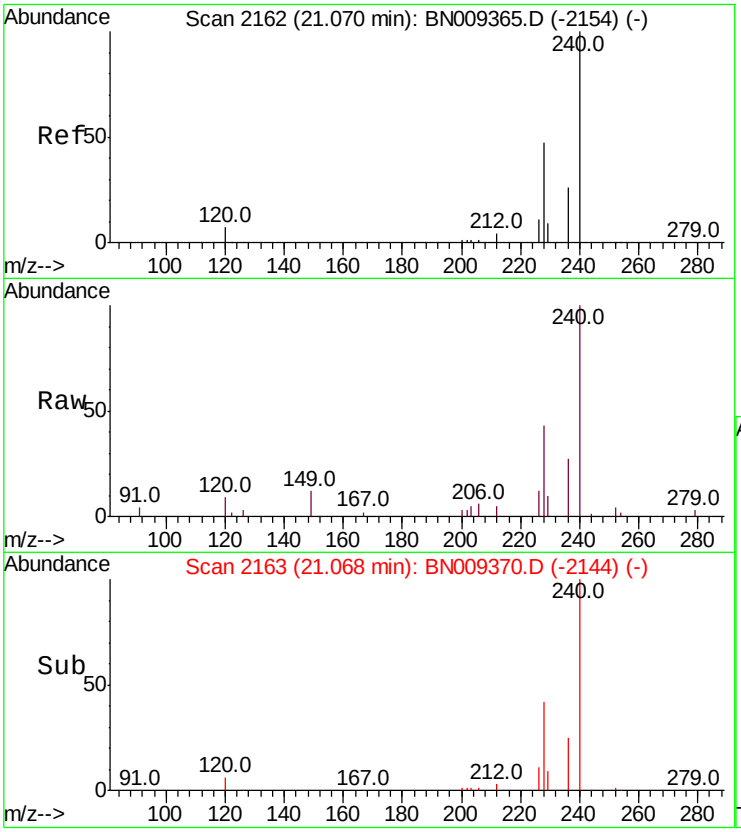


#26
Fluoranthene
Concen: 0.383 ng
RT: 18.93 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:202 Resp: 9869

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.0	12.0
203	17.0	13.5	20.3



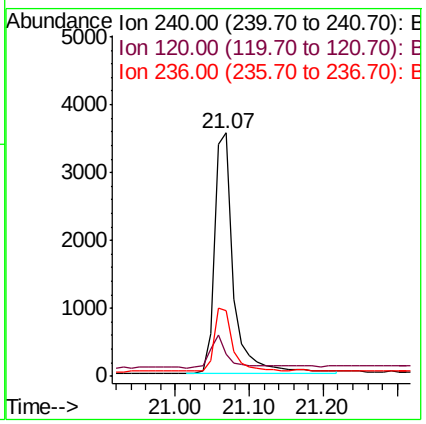


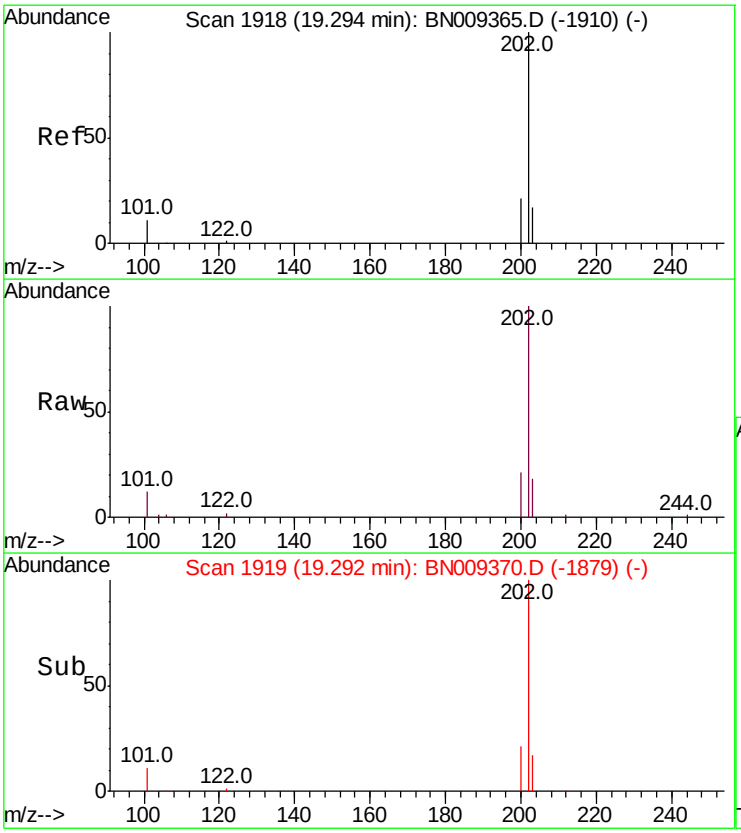
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:240 Resp: 6351

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.1	12.1
236	27.0	22.2	33.4

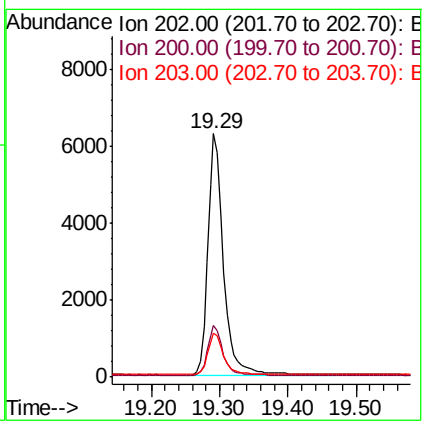


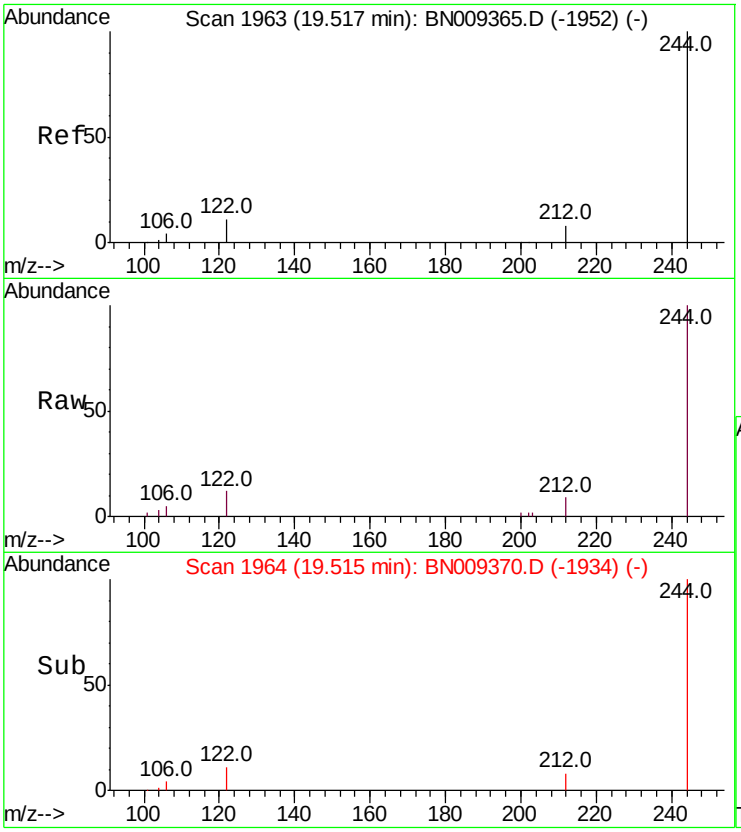


#28
Pyrene
Concen: 0.414 ng
RT: 19.29 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:202 Resp: 9975

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.3	14.1	21.1



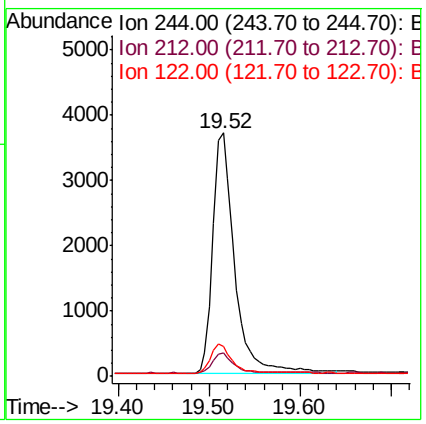


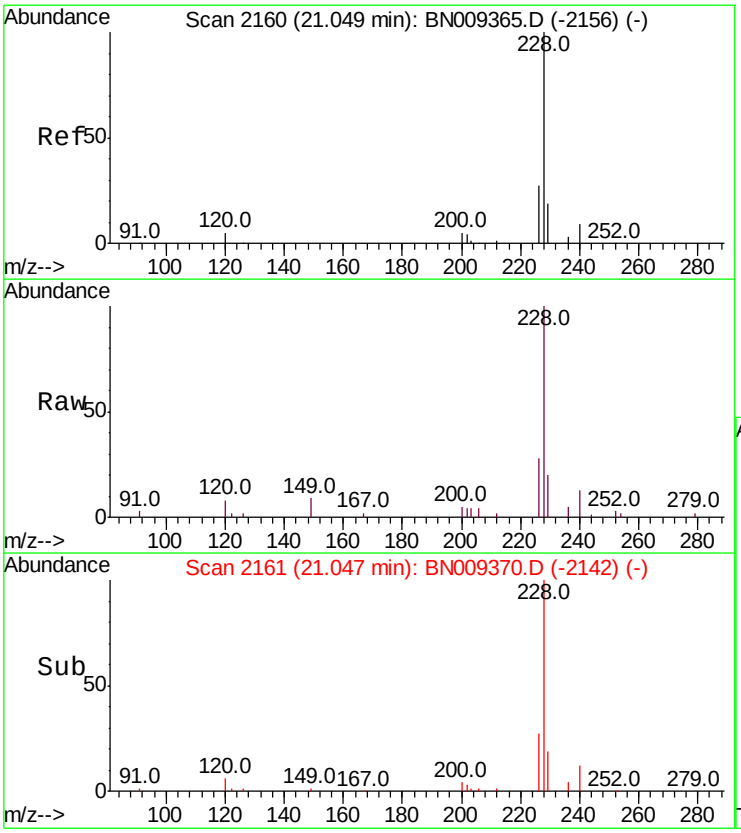
#29
Terphenyl-d14
Concen: 0.405 ng
RT: 19.52 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:244 Resp: 6094

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.5	11.3
122	12.4	9.8	14.6

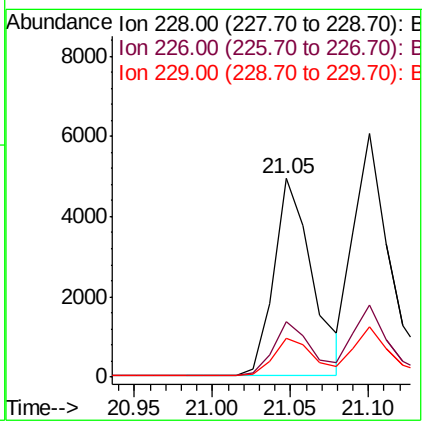


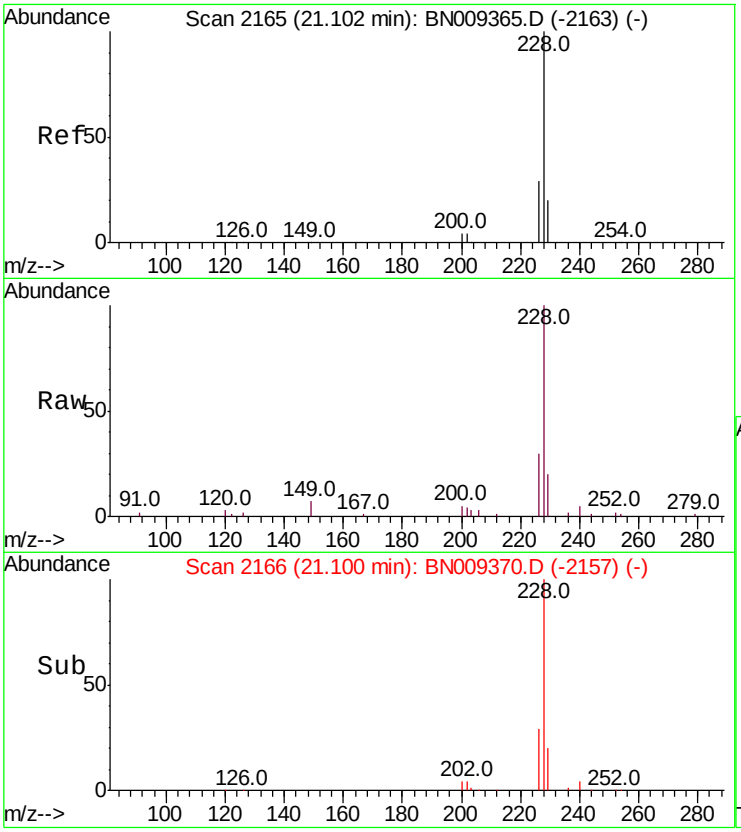


#30
Benzo(a)anthracene
Concen: 0.400 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:228 Resp: 8343

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.5	33.7
229	19.5	16.1	24.1



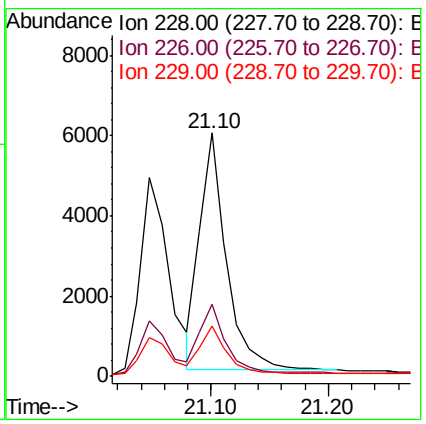


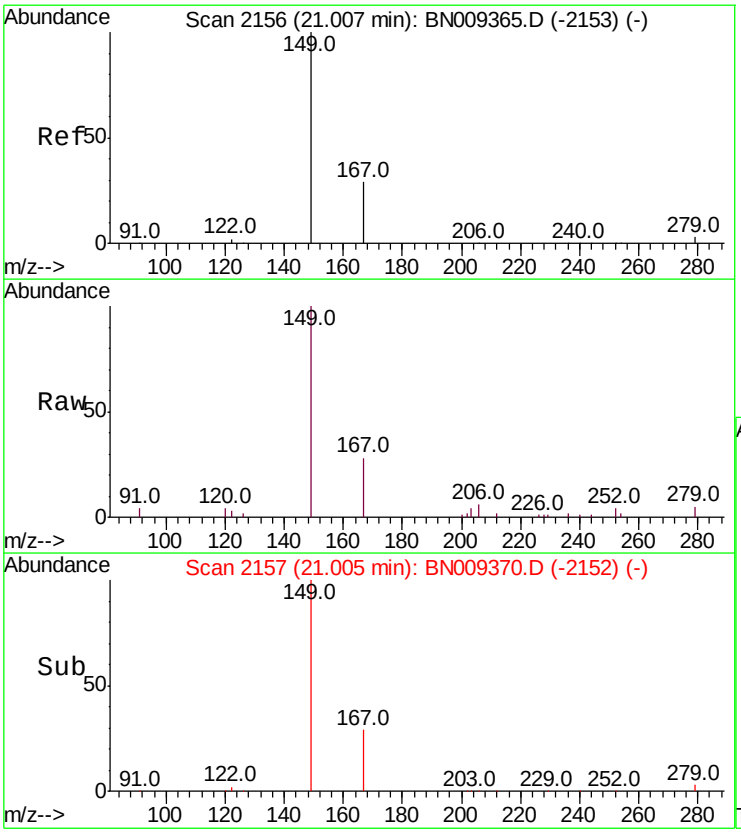
#31
Chrysene
Concen: 0.394 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:228 Resp: 9415

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	20.5	16.6	24.8

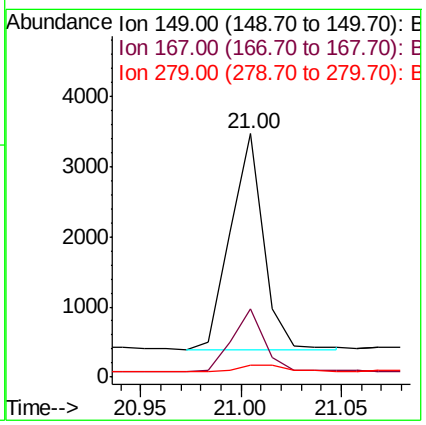


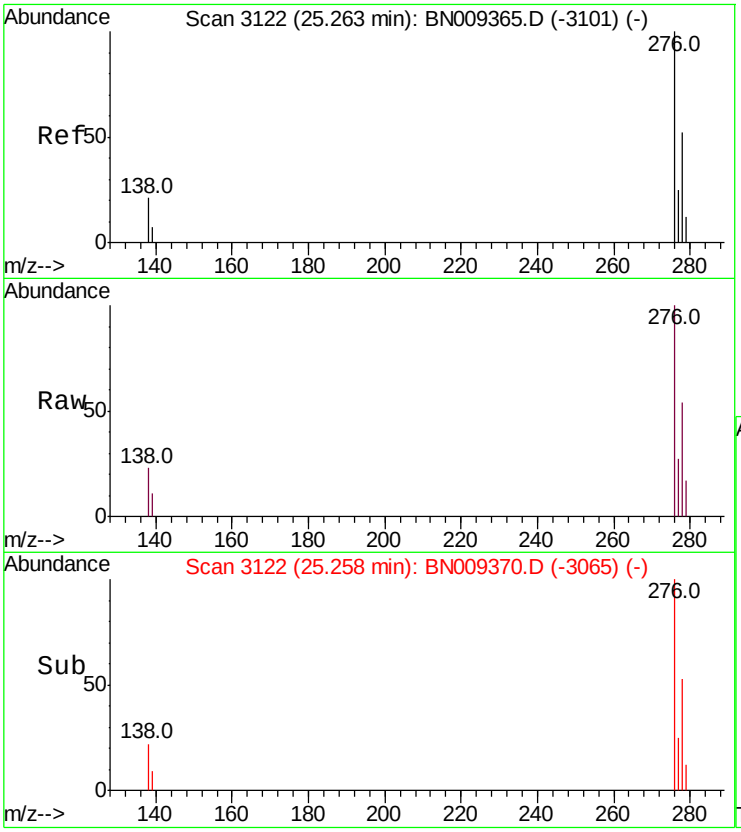


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.384 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:149 Resp: 3543

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.9	34.3
279	4.3	3.4	5.0



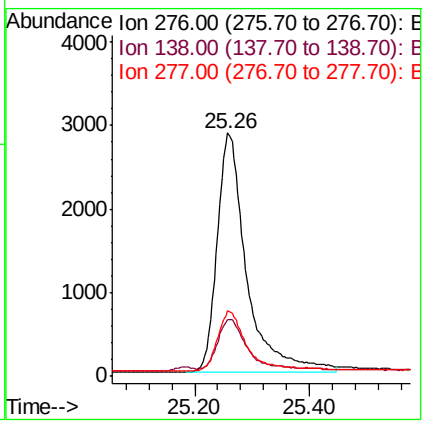


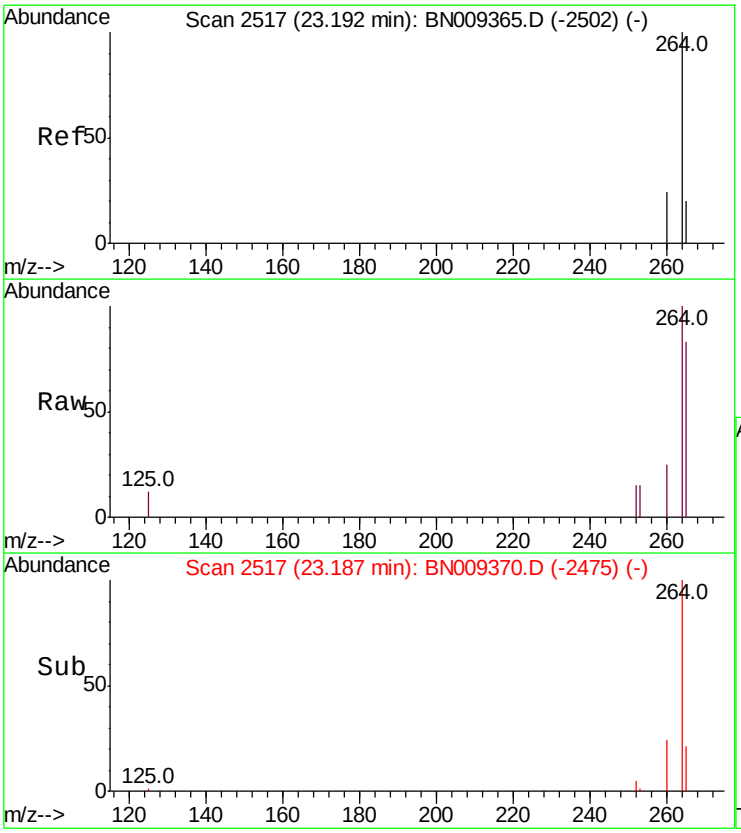
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng
RT: 25.26 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:276 Resp: 10220

Ion	Ratio	Lower	Upper
276	100		
138	20.8	15.9	23.9
277	24.1	19.8	29.6

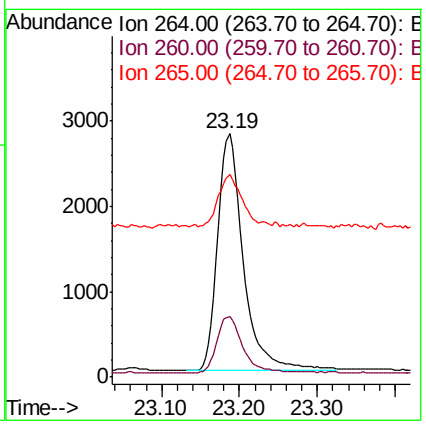


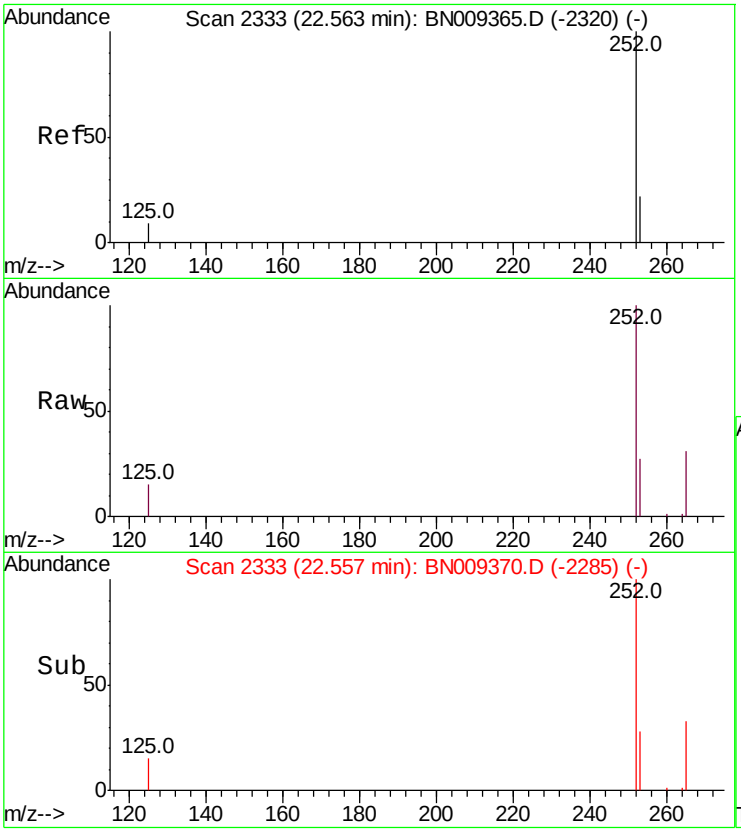


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:264 Resp: 6404

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	83.3	68.2	102.4



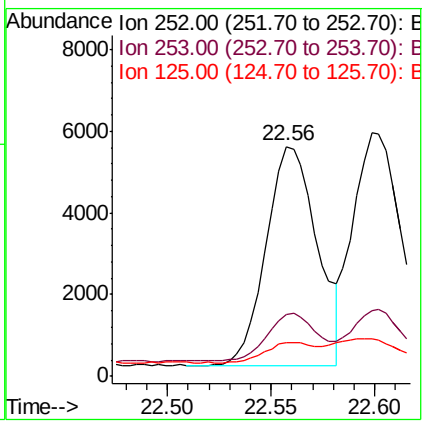


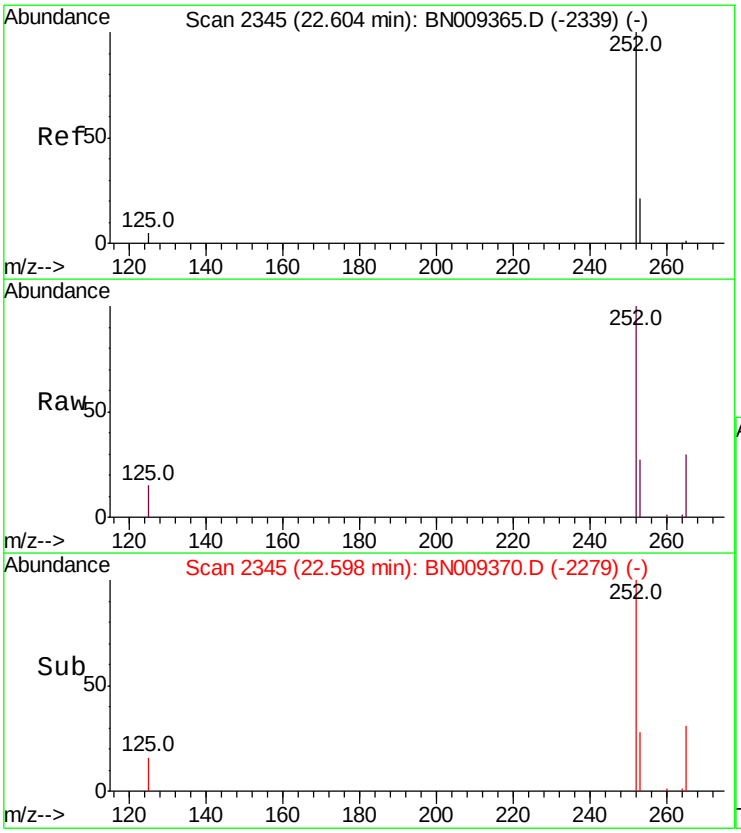
#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 22.56 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:252 Resp: 9190

Ion	Ratio	Lower	Upper
252	100		
253	27.0	22.4	33.6
125	14.5	11.6	17.4

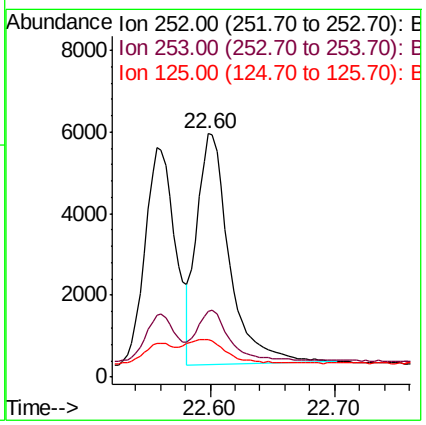


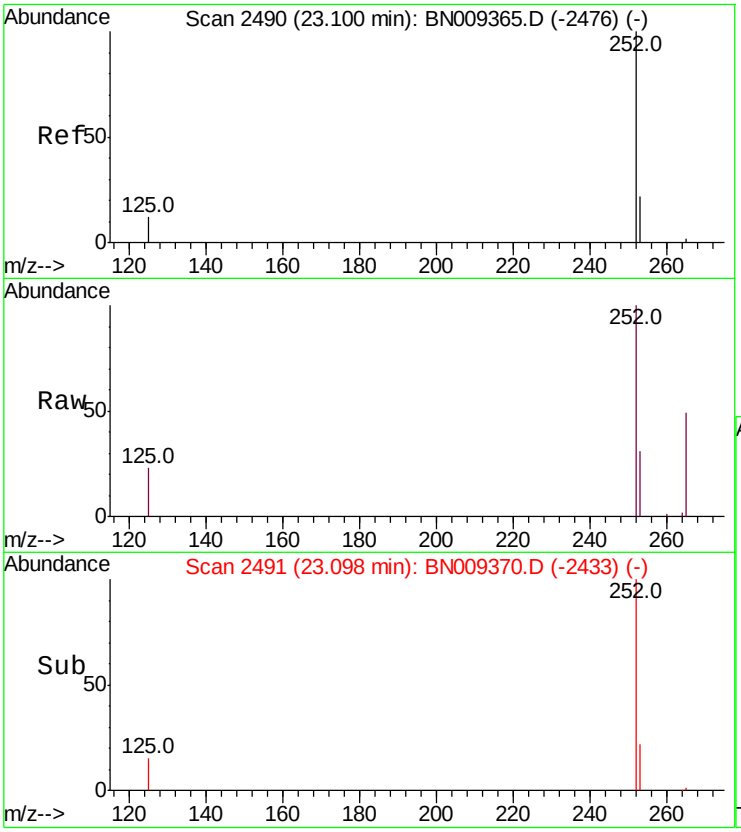


#36
Benzo(k)fluoranthene
Concen: 0.394 ng
RT: 22.60 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:252 Resp: 10243

Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.9	32.9
125	15.4	12.0	18.0



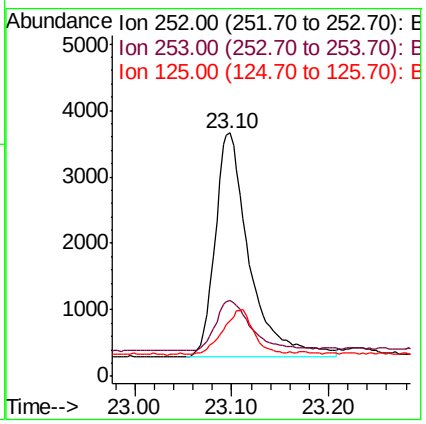


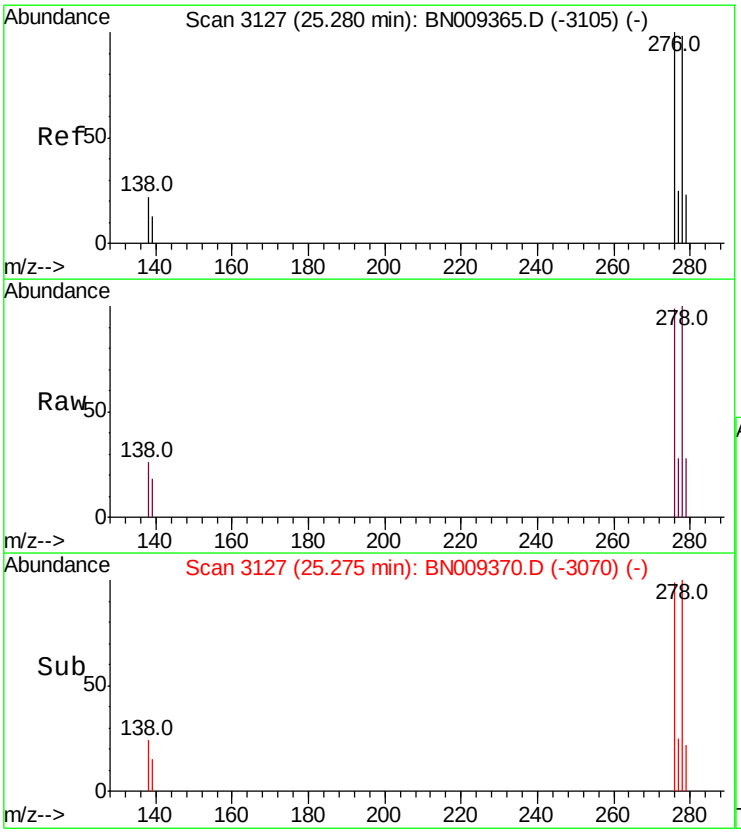
#37
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.10 min Scan# 2491
Delta R.T. -0.00 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:252 Resp: 8292

Ion	Ratio	Lower	Upper
252	100		
253	31.1	25.4	38.0
125	22.8	16.2	24.2

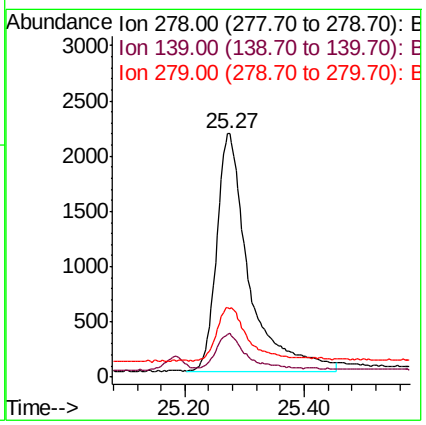


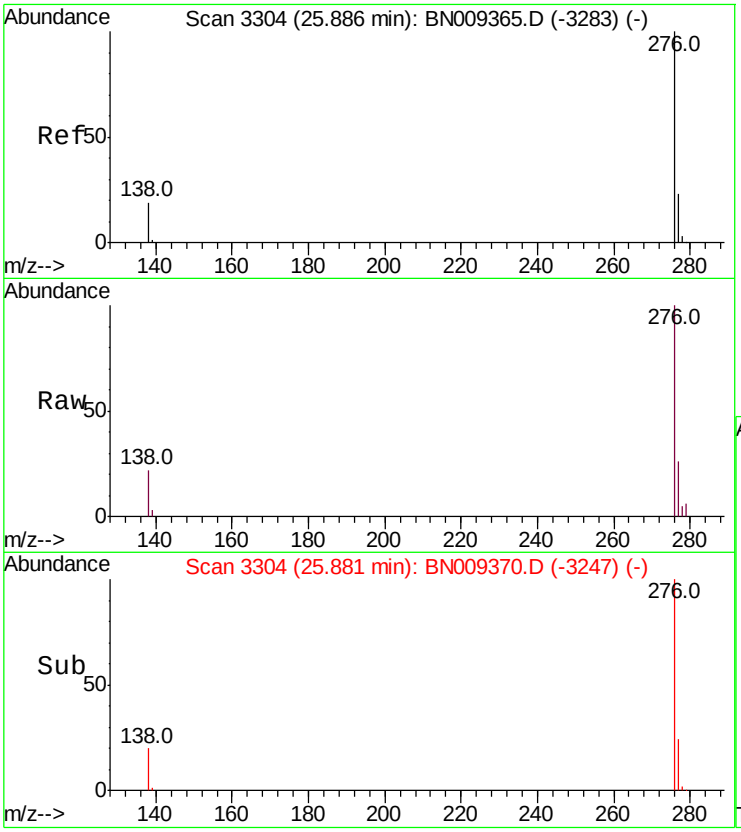


#38
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 25.27 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Tgt Ion:278 Resp: 8043

Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.5	21.7
279	28.2	24.2	36.4





#39
Benzo(g,h,i)perylene
Concen: 0.385 ng
RT: 25.88 min Scan# 3304
Delta R.T. -0.01 min
Lab File: BN009370.D
Acq: 13 Jan 2020 18:41

Instrument :
BNA_N
ClientSampleId :
ICVBN011420

Tgt Ion:276 Resp: 8837

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.6	30.8
138	21.8	17.1	25.7