Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007631.D
Acq On : 13 Sep 2019 17:38
Operator : HP/JU
Sample : K4858-07MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE122D2-20190909MS

Quant Time: Sep 14 03:00:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9671	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	38129	0.40	ng		-0.01
13) Acenaphthene-d10	14.34	164	19835	0.40	ng		0.00
19) Phenanthrene-d10	17.08	188	44195	0.40	ng		0.00
27) Chrysene-d12	21.27	240	43446	0.40	ng		-0.01
34) Perylene-d12	23.50	264	43626	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	4135	0.13	ng		0.00
5) Phenol-d6	6.89	99	3336	0.09	ng		0.00
8) Nitrobenzene-d5	8.86	82	9202	0.30	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	25988	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	2114	0.28	ng		0.00
15) 2-Fluorobiphenyl	12.97	172	32280	0.37	ng		0.00
25) Fluoranthene-d10	19.11	212	46244	0.33	ng		0.00
29) Terphenyl-d14	19.72	244	40632	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	62332	5.379	ng		90
3) n-Nitrosodimethylamine	3.03	42	174905	33.262	ng	#	1
6) bis(2-Chloroethyl)ether	7.15	93	11518	0.406	ng		97
9) Naphthalene	10.53	128	37898	0.347	ng		99
10) Hexachlorobutadiene	10.84	225	6408	0.291	ng	#	100
12) 2-Methylnaphthalene	12.15	142	25031	0.341	ng		100
16) Acenaphthylene	14.06	152	32494	0.315	ng		100
17) Acenaphthene	14.40	154	22461	0.334	ng		99
18) Fluorene	15.38	166	28282	0.333	ng		100
20) 4-Bromophenyl-phenylether	16.28	248	8983	0.329	ng	#	86
21) Hexachlorobenzene	16.39	284	8933	0.306	ng		99
22) Pentachlorophenol	16.73	266	3795	0.500	ng		97
23) Phenanthrene	17.12	178	47907	0.344	ng		100
24) Anthracene	17.21	178	39825	0.322	ng		100
26) Fluoranthene	19.14	202	54001	0.332	ng		99
28) Pyrene	19.51	202	55077	0.349	ng		99
30) Benzo(a)anthracene	21.26	228	50358	0.327	ng		99
31) Chrysene	21.31	228	54656	0.341	ng		98
32) Bis(2-ethylhexyl)phthalate	21.21	149	20221	0.387	ng		100
33) Indeno(1,2,3-cd)pyrene	25.71	276	56345	0.329	ng		100
35) Benzo(b)fluoranthene	22.83	252	52651	0.332	ng		98
36) Benzo(k)fluoranthene	22.83	252	52651	0.325	ng		99
37) Benzo(a)pyrene	23.40	252	48089	0.342	ng		97
38) Dibenzo(a,h)anthracene	25.73	278	46928	0.319	ng		100
39) Benzo(g,h,i)perylene	26.38	276	47067	0.323	ng		99

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

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Quant Time: Sep 14 03:00:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
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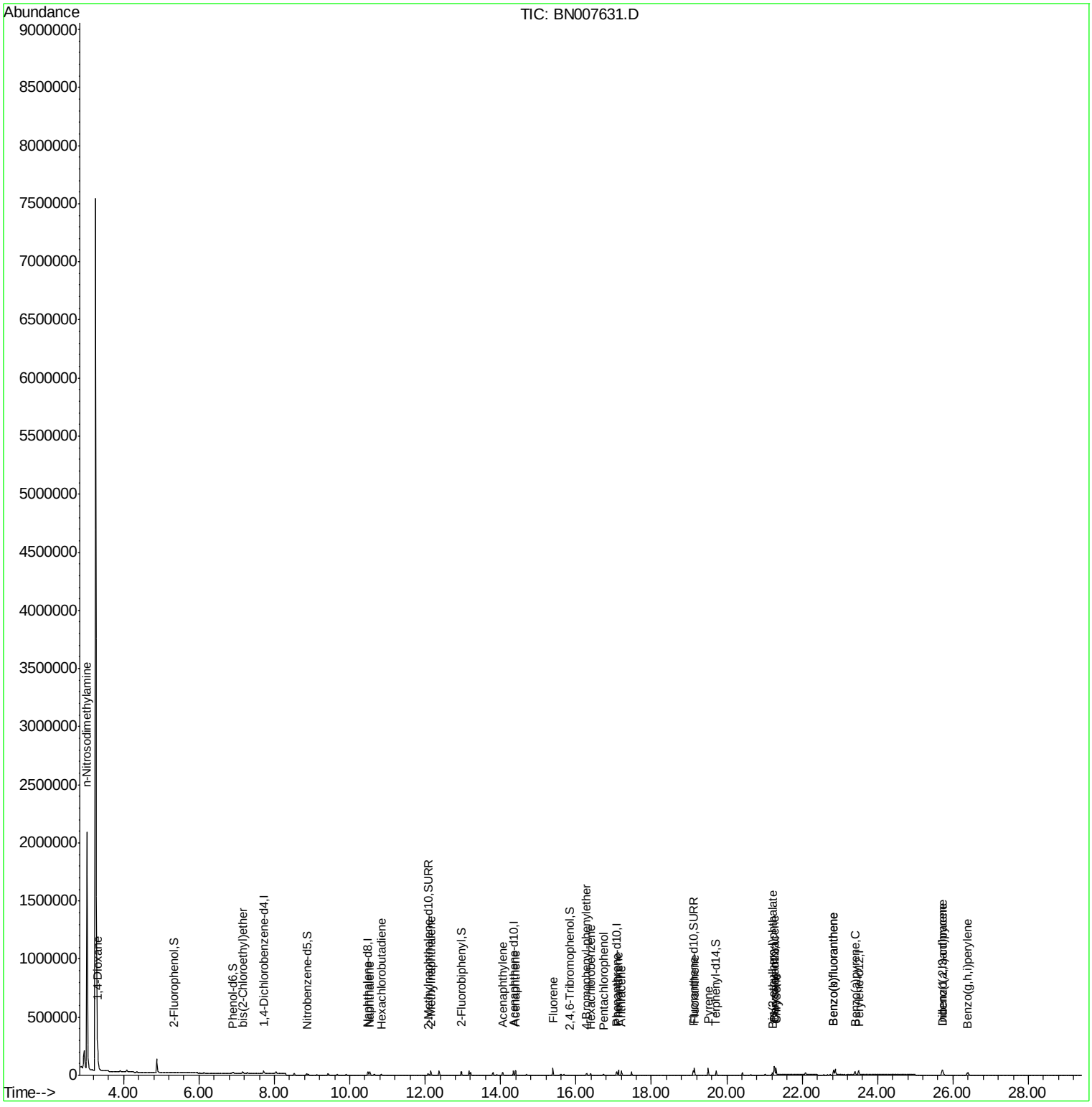
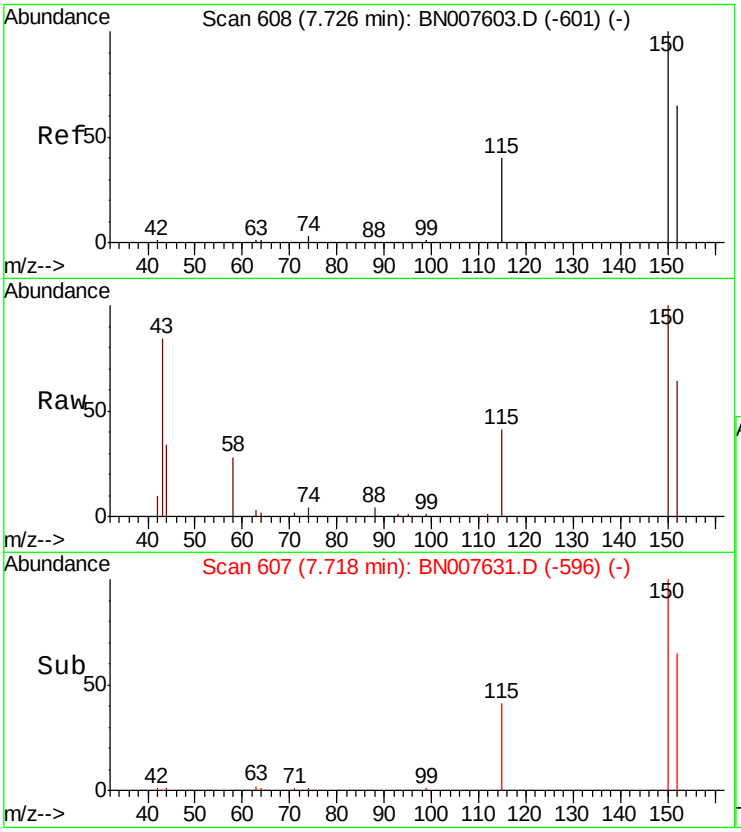


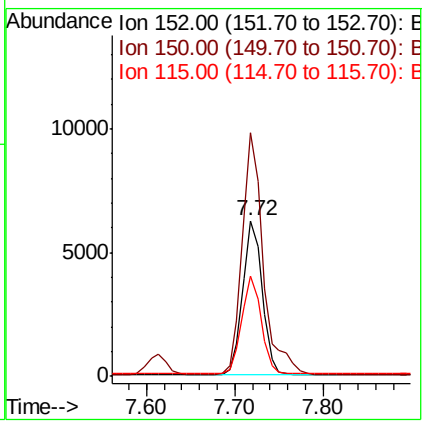


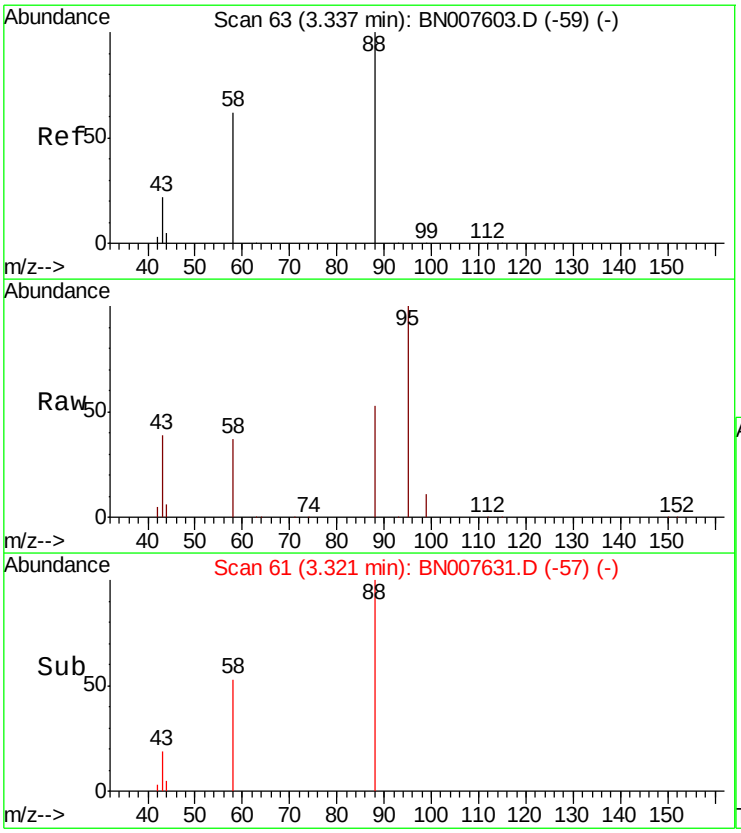
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:152 Resp: 9671

Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.4	183.6
115	64.6	50.4	75.6

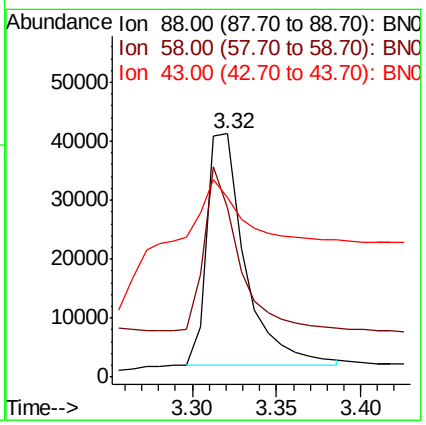


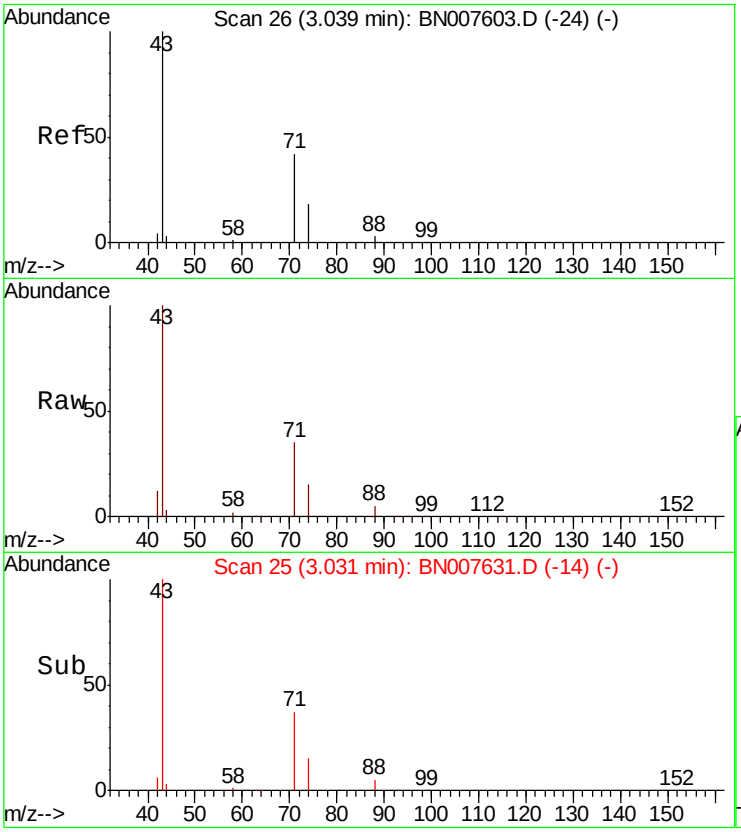


#2
1,4-Dioxane
Concen: 5.379 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion: 88 Resp: 62332

Ion	Ratio	Lower	Upper
88	100		
58	60.6	57.0	85.4
43	24.0	20.0	30.0



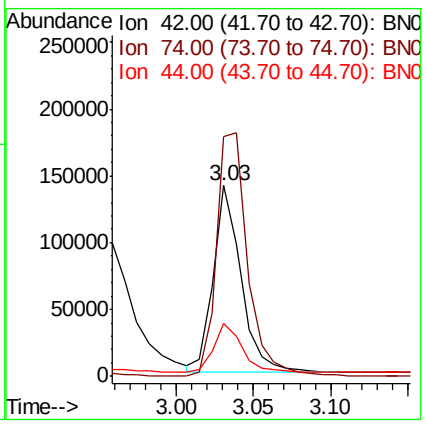


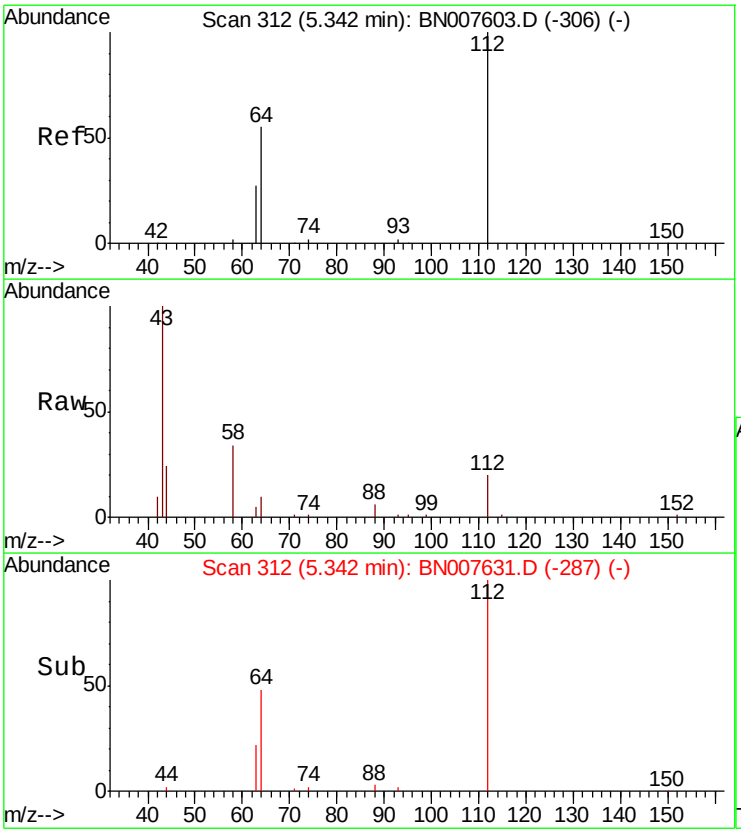
#3
n-Nitrosodimethylamine
Concen: 33.262 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion: 42 Resp: 174905

Ion	Ratio	Lower	Upper
42	100		
74	145.1	9.8	14.8#
44	26.5	0.0	0.0#

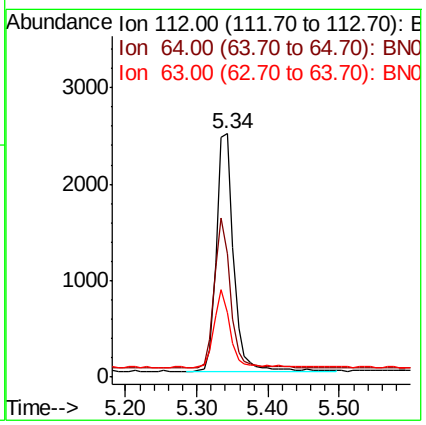


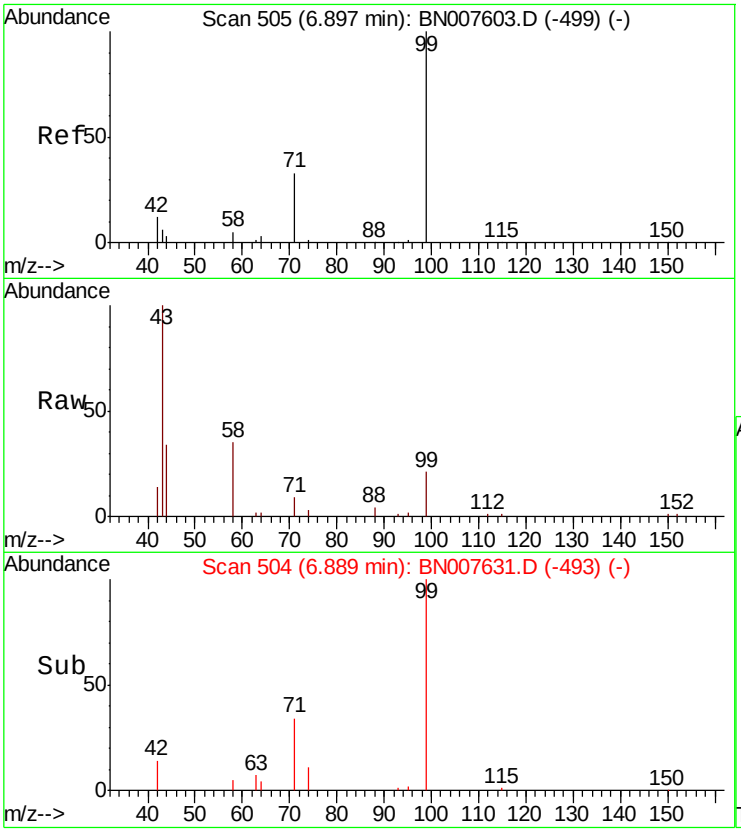


#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.34 min Scan# 312
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:112 Resp: 4135

Ion	Ratio	Lower	Upper
112	100		
64	59.0	48.5	72.7
63	29.5	24.4	36.6



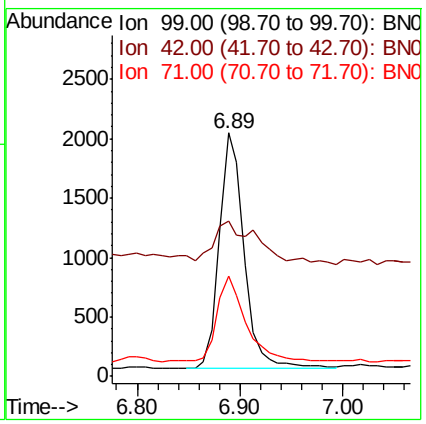


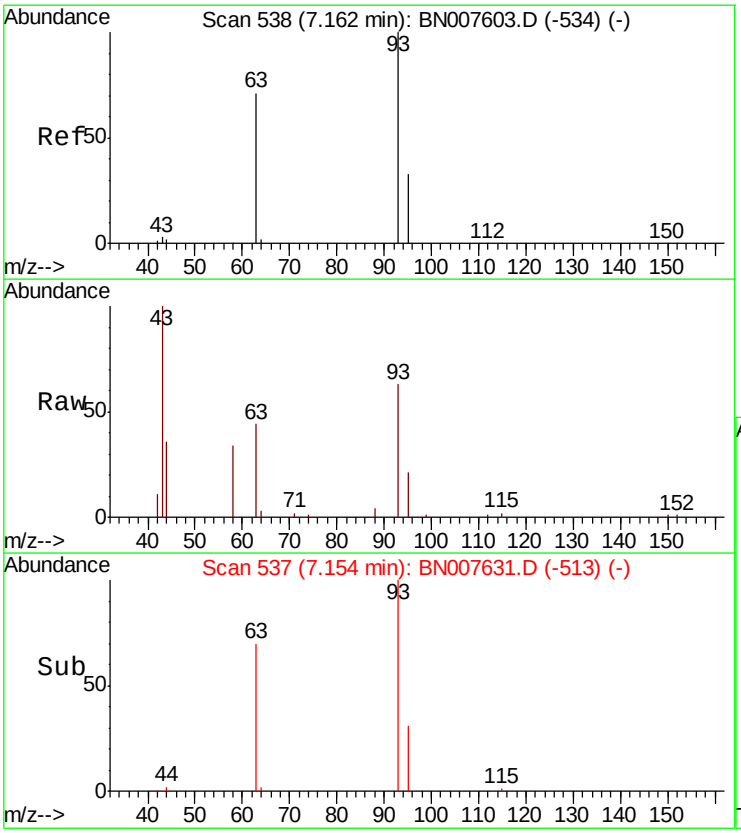
#5
Phenol-d6
Concen: 0.095 ng
RT: 6.89 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion: 99 Resp: 3336

Ion	Ratio	Lower	Upper
99	100		
42	24.9	11.8	17.6#
71	42.0	28.0	42.0

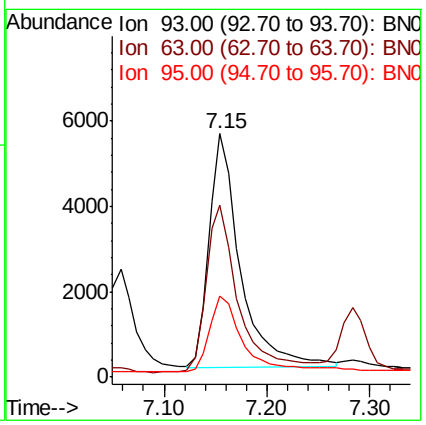


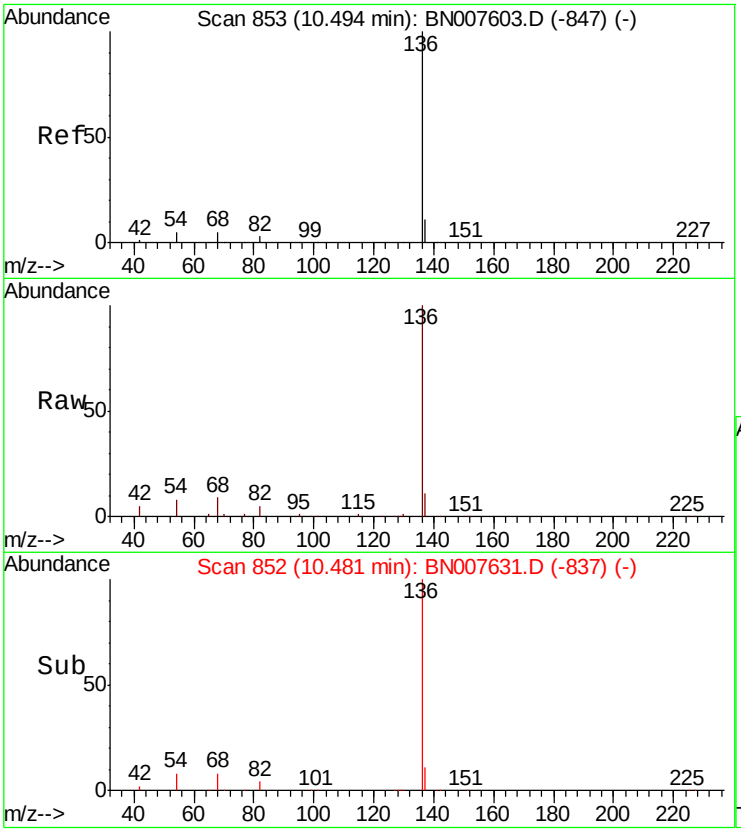


#6
bis(2-Chloroethyl)ether
Concen: 0.406 ng
RT: 7.15 min Scan# 537
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion: 93 Resp: 11518

Ion	Ratio	Lower	Upper
93	100		
63	73.4	61.2	91.8
95	34.3	27.2	40.8



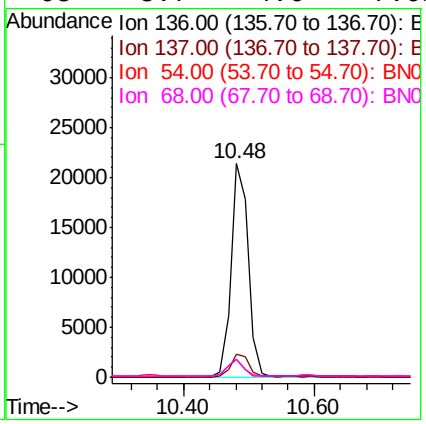


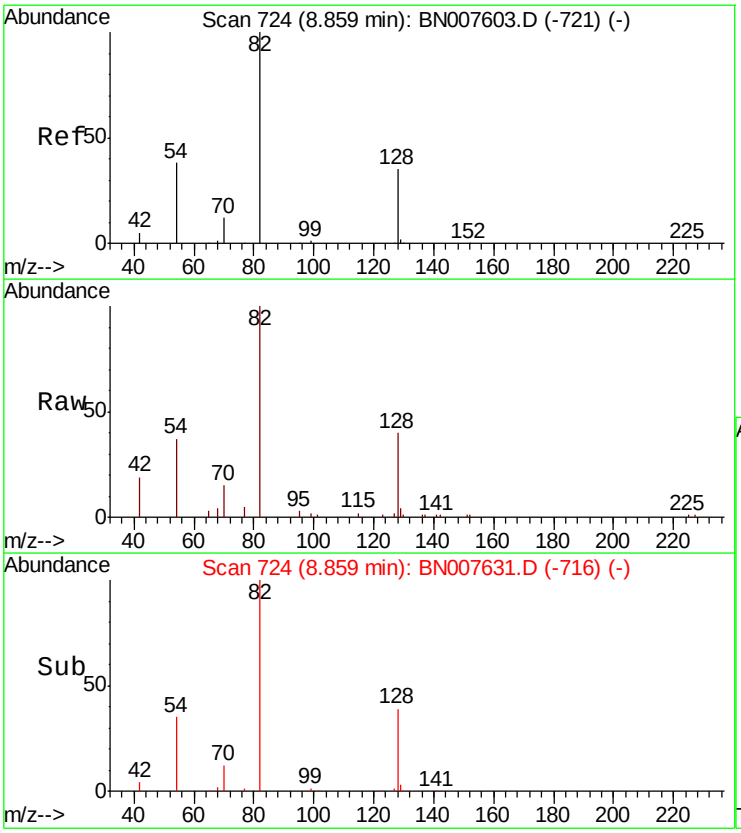
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 852
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:136 Resp: 38129

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	4.2	6.4#
68	8.7	4.6	7.0#

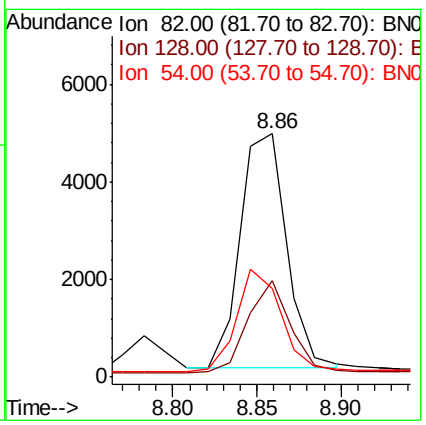


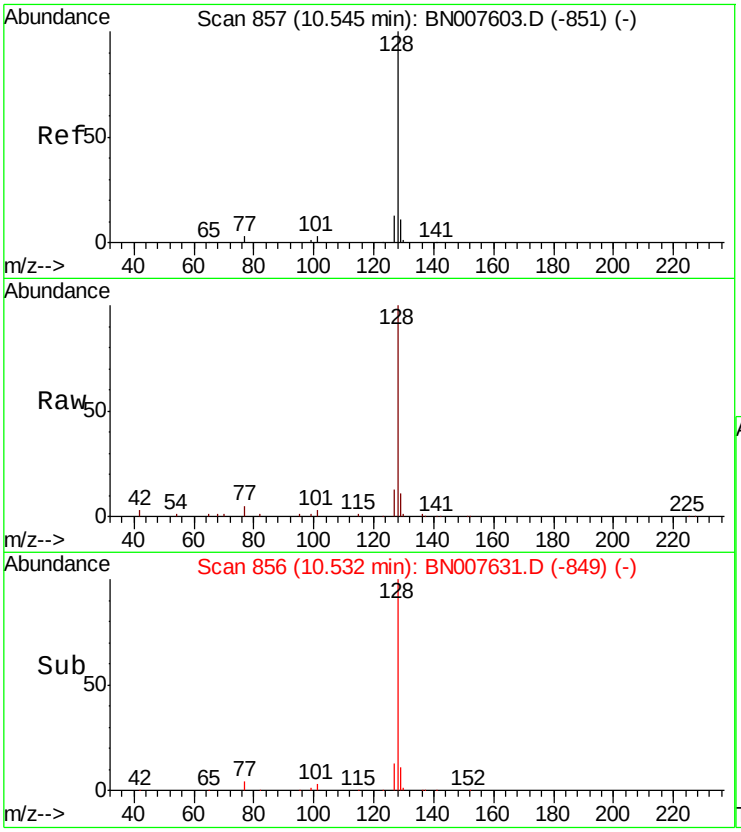


#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion: 82 Resp: 9202

Ion	Ratio	Lower	Upper
82	100		
128	39.8	27.9	41.9
54	36.5	30.9	46.3



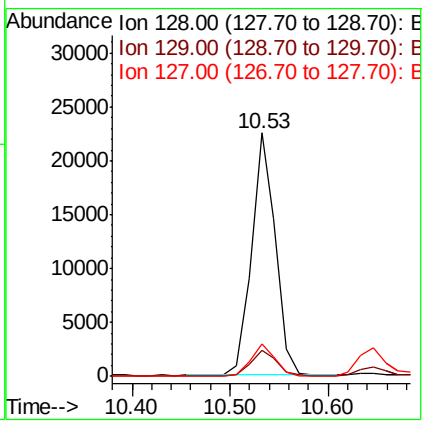


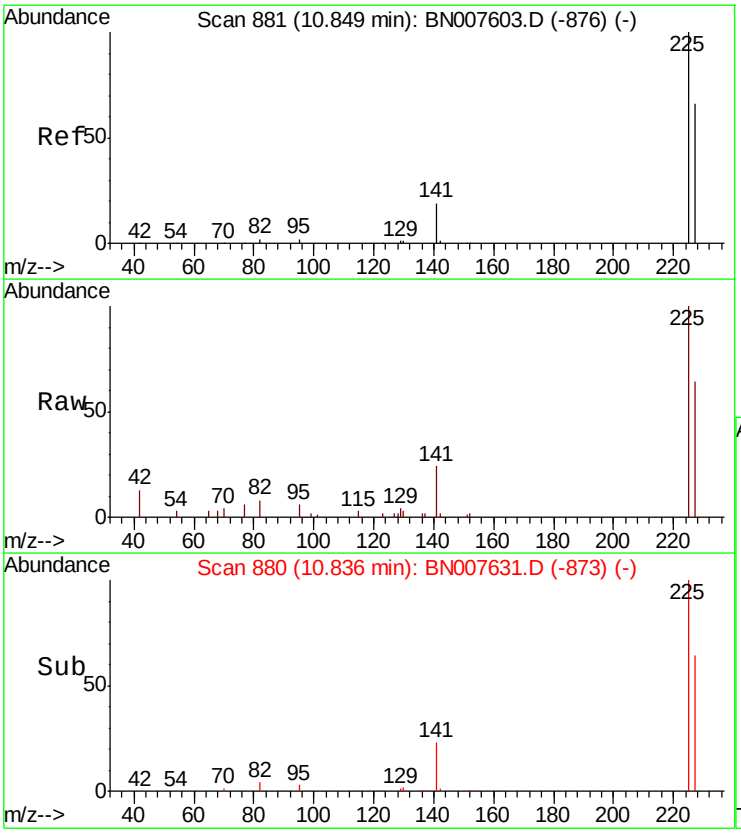
#9
Naphthalene
Concen: 0.347 ng
RT: 10.53 min Scan# 856
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:128 Resp: 37898

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.3	10.4	15.6

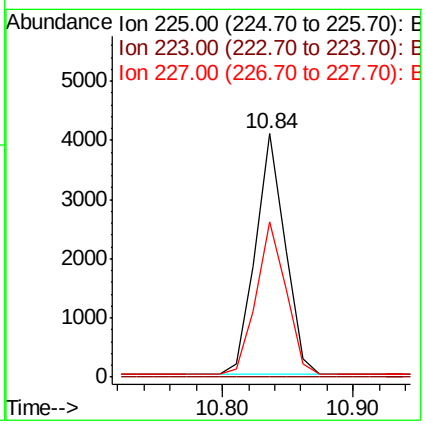


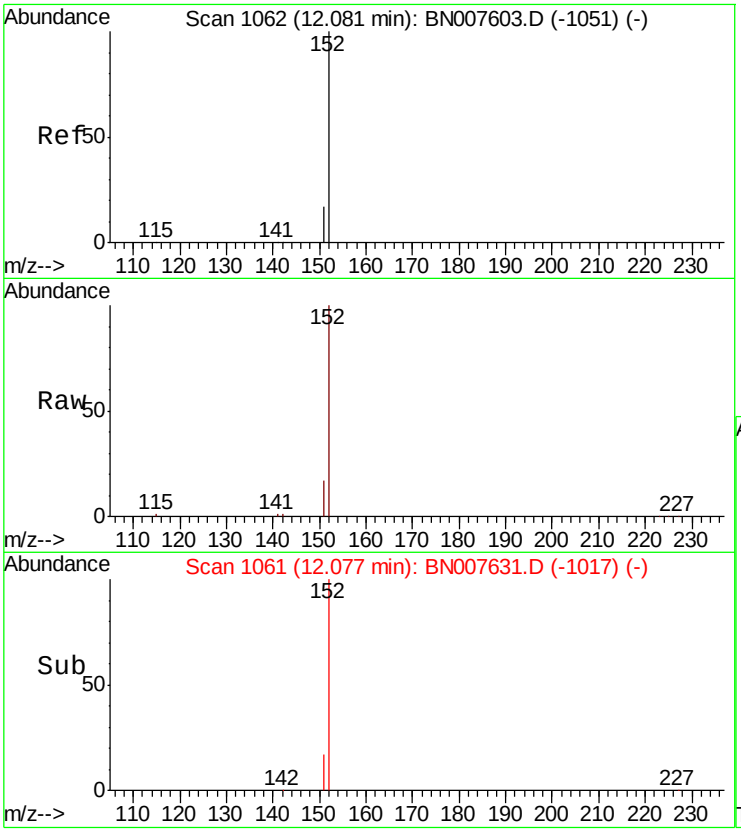


#10
Hexachlorobutadiene
Concen: 0.291 ng
RT: 10.84 min Scan# 880
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:225 Resp: 6408

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.3	76.9



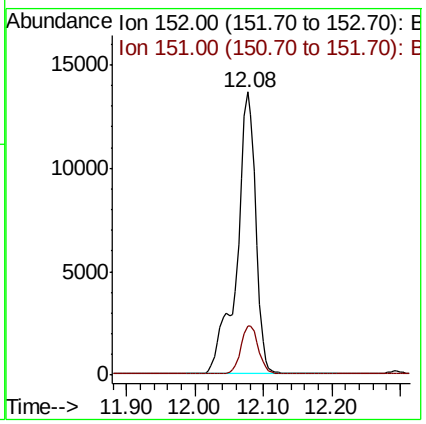


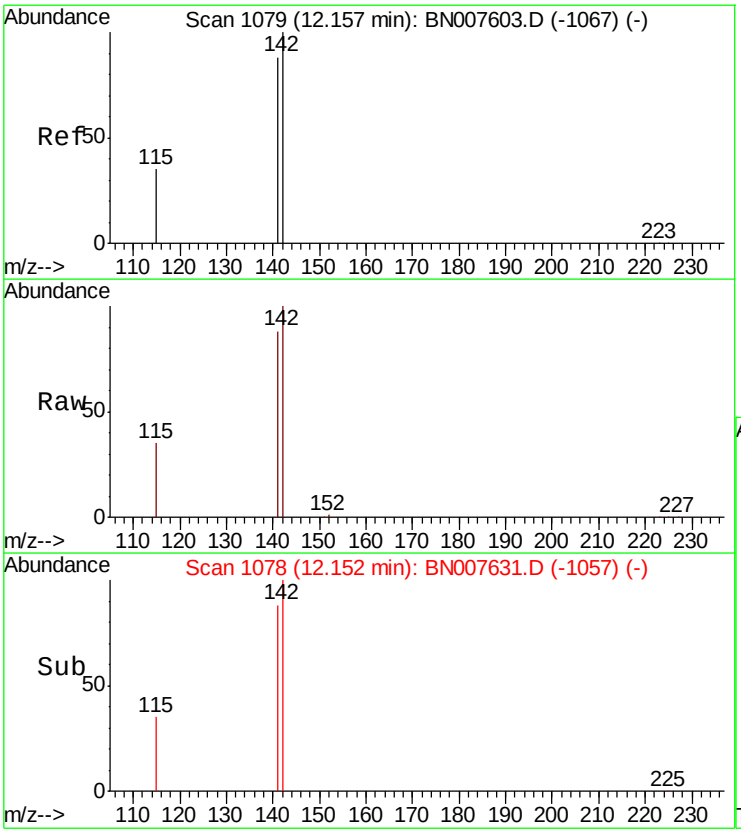
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.08 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:152 Resp: 25988

Ion	Ratio	Lower	Upper
152	100		
151	15.8	15.3	22.9

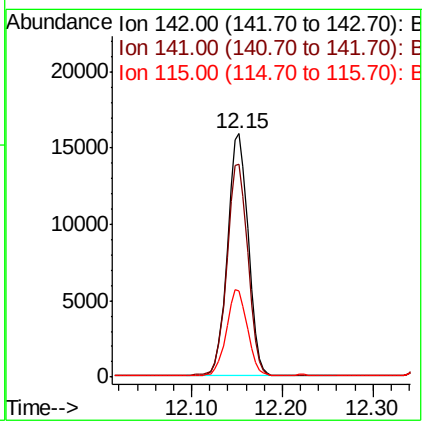


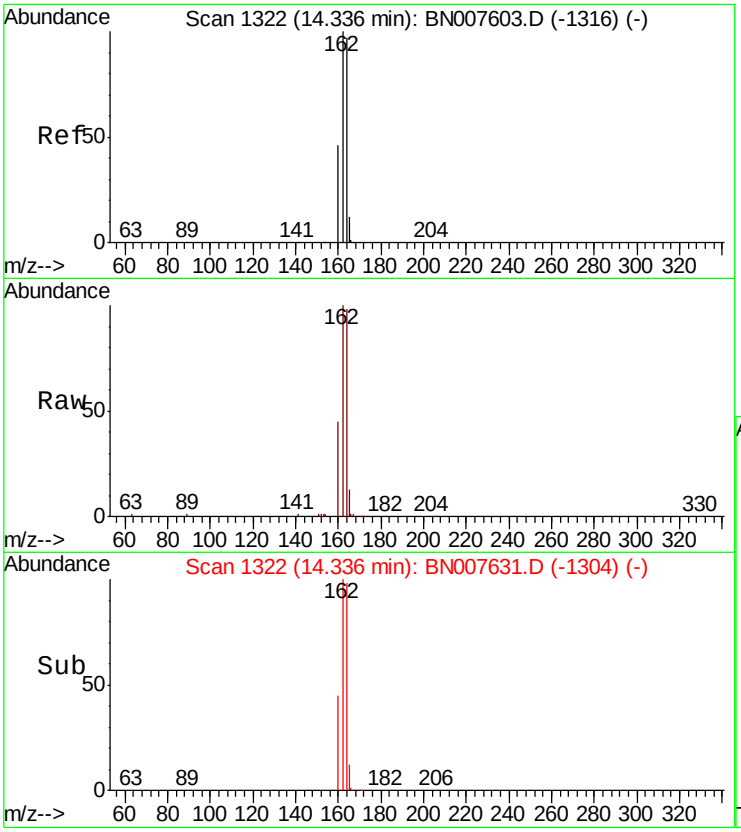


#12
2-Methylnaphthalene
Concen: 0.341 ng
RT: 12.15 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:142 Resp: 25031

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.5	105.7
115	35.5	28.4	42.6



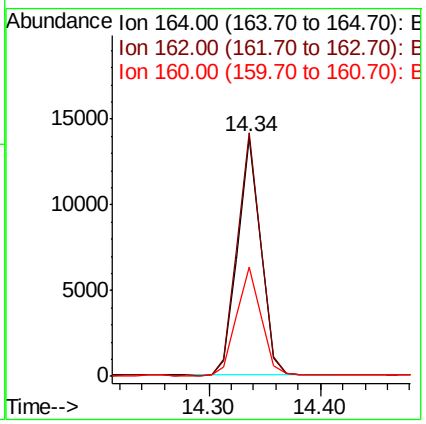


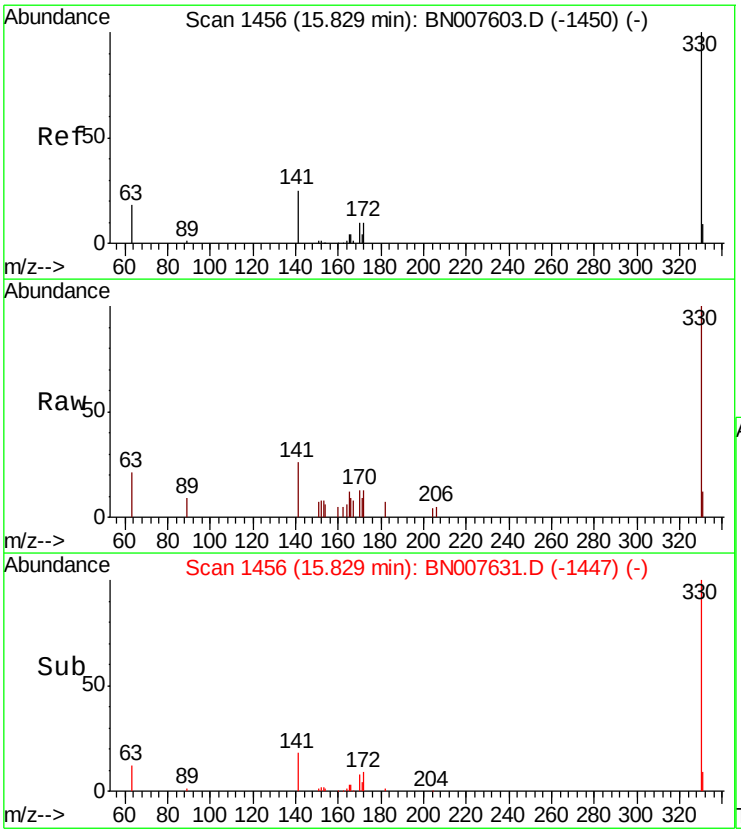
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:164 Resp: 19835

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.8	124.2
160	46.0	38.0	57.0

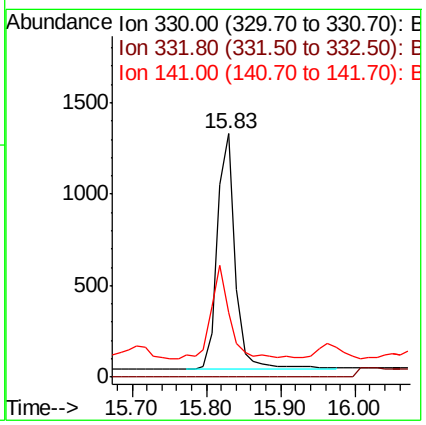


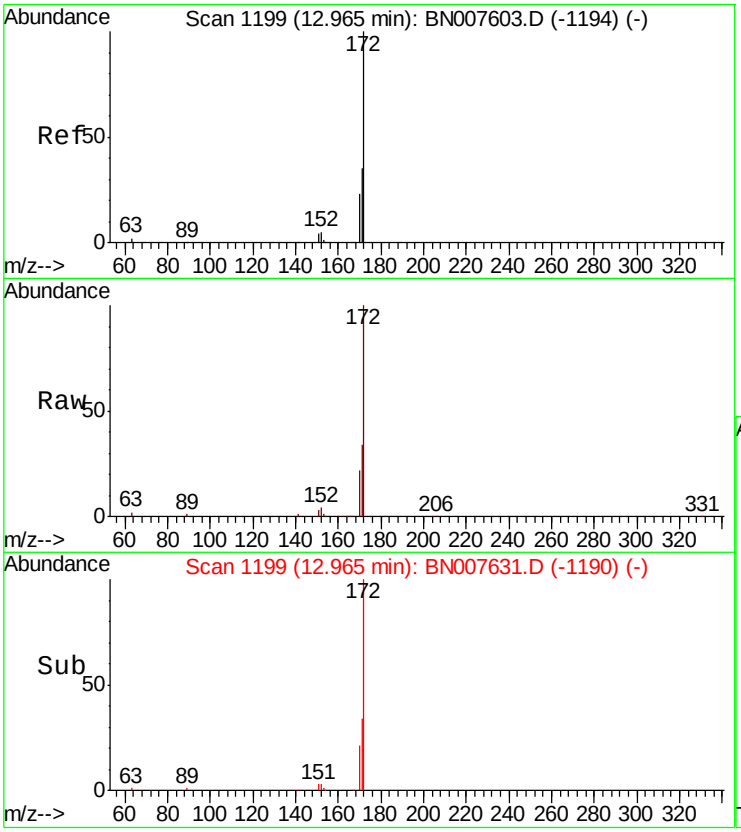


#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:330 Resp: 2114

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.3	30.1	45.1



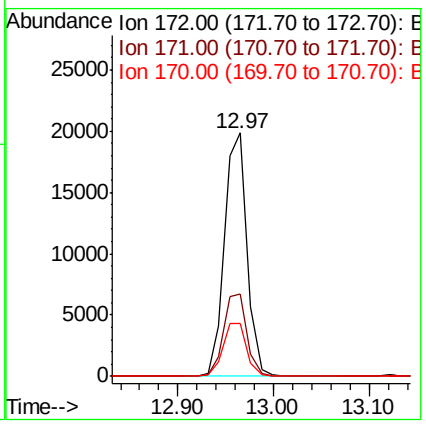


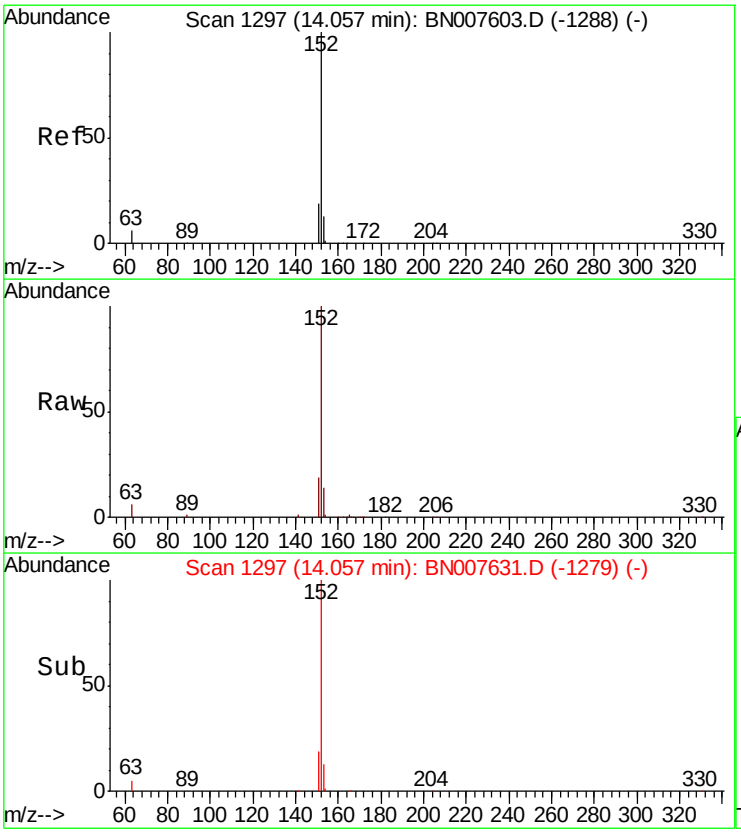
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:172 Resp: 32280

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.9	41.9
170	21.6	18.5	27.7

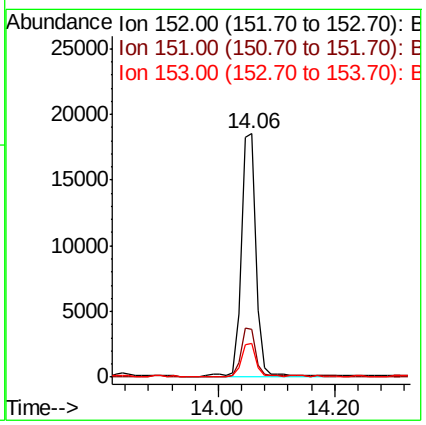


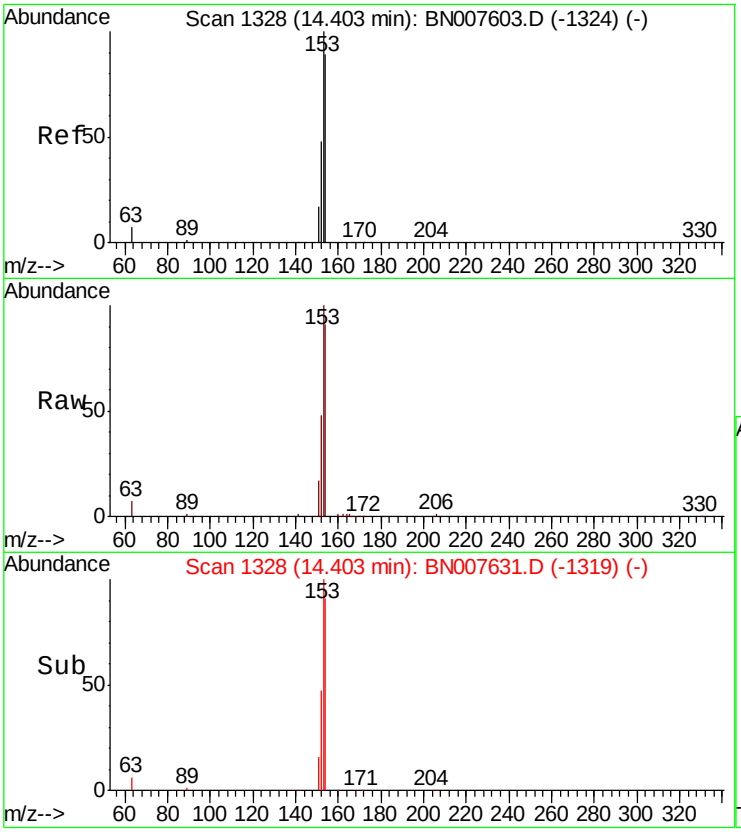


#16
Acenaphthylene
Concen: 0.315 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:152 Resp: 32494

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.4	15.6



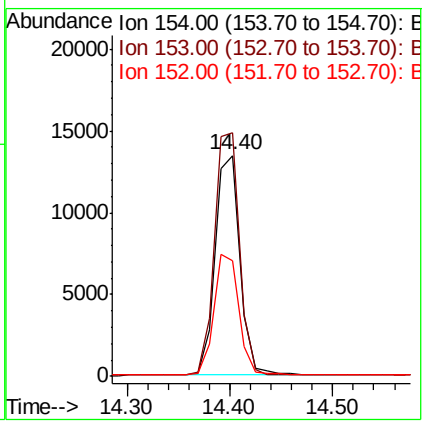


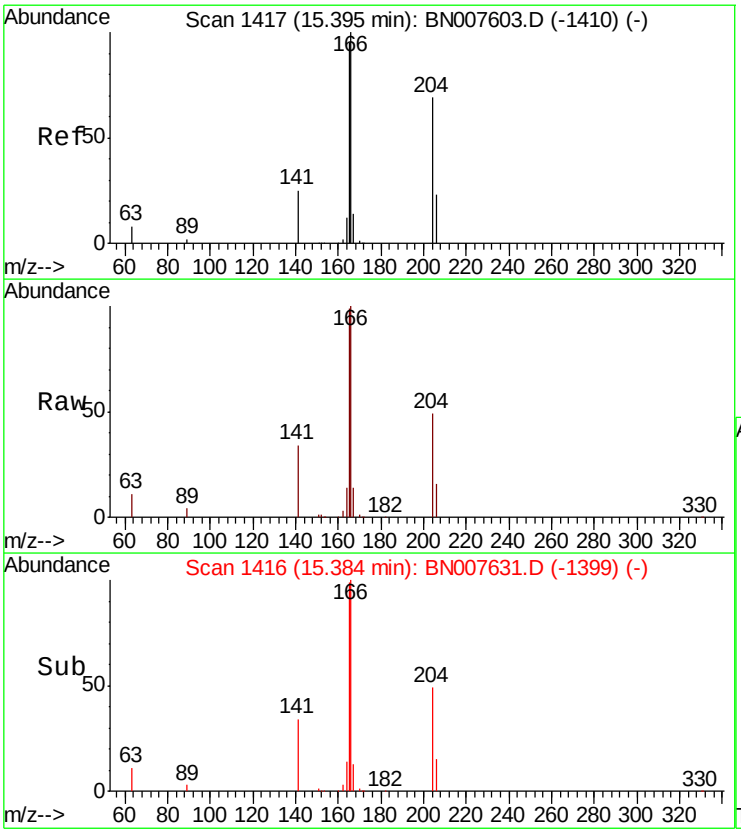
#17
Acenaphthene
Concen: 0.334 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:154 Resp: 22461

Ion	Ratio	Lower	Upper
154	100		
153	110.9	89.8	134.8
152	54.9	43.8	65.8

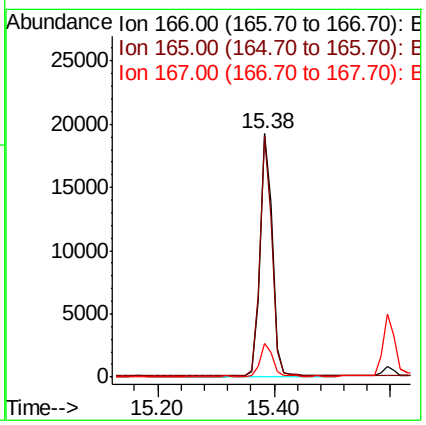


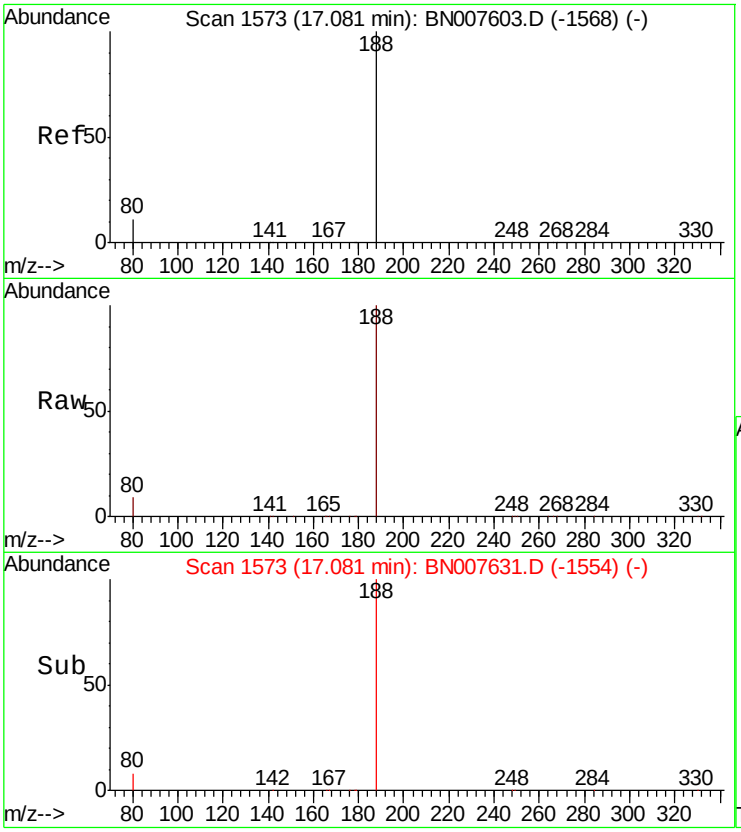


#18
Fluorene
Concen: 0.333 ng
RT: 15.38 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:166 Resp: 28282

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.6
167	13.5	10.8	16.2



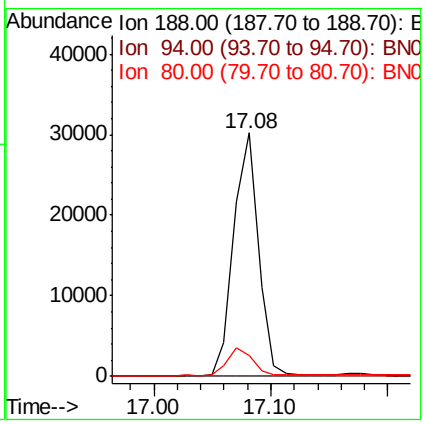


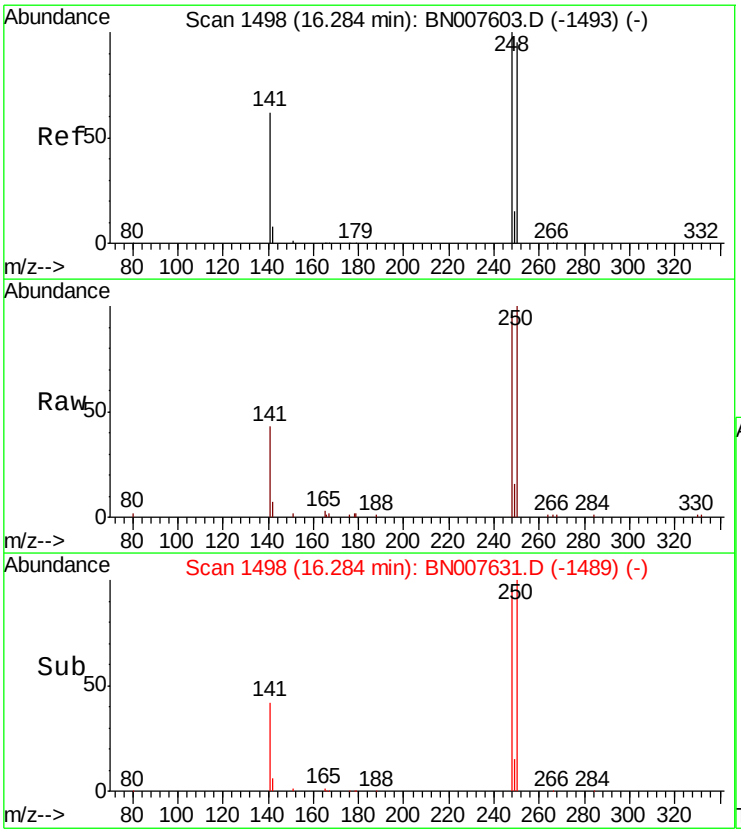
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:188 Resp: 44195

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	8.8	13.2#

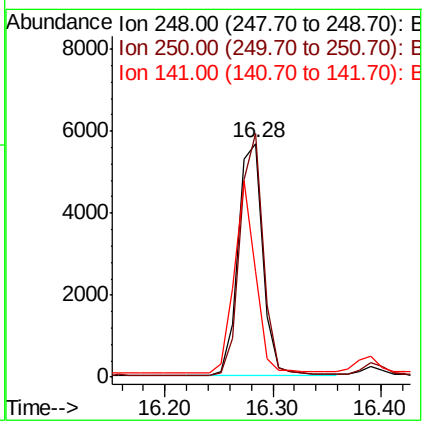


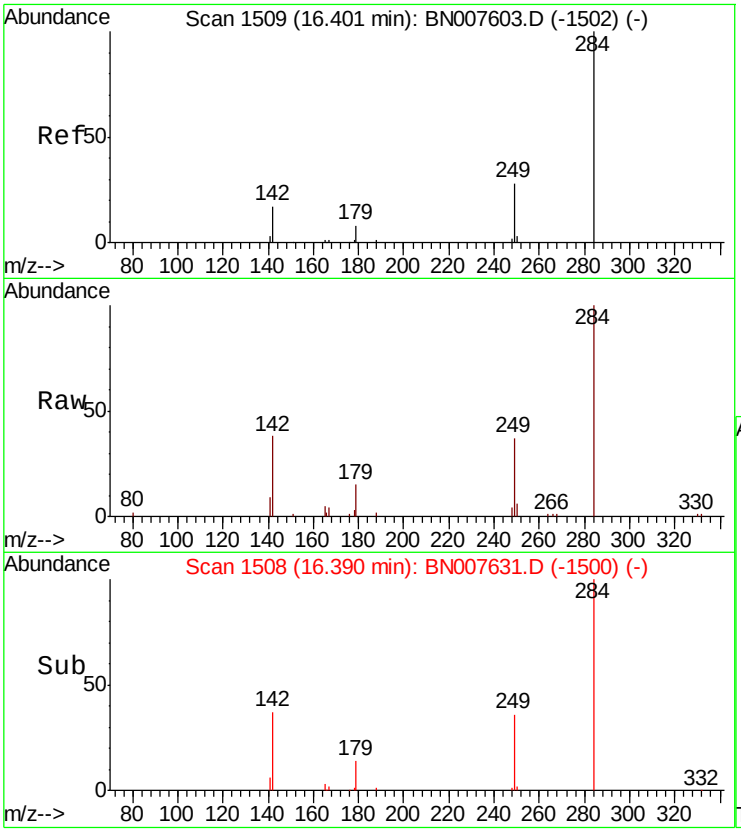


#20
4-Bromophenyl-phenylether
Concen: 0.329 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:248 Resp: 8983

Ion	Ratio	Lower	Upper
248	100		
250	104.1	76.3	114.5
141	44.8	49.7	74.5#



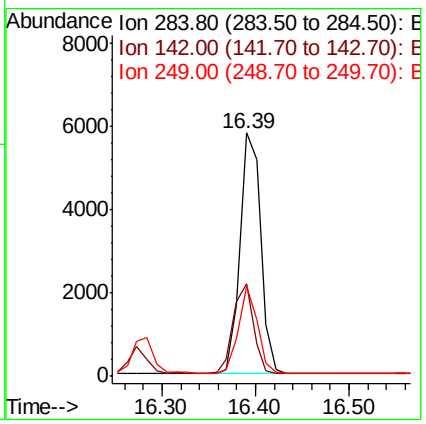


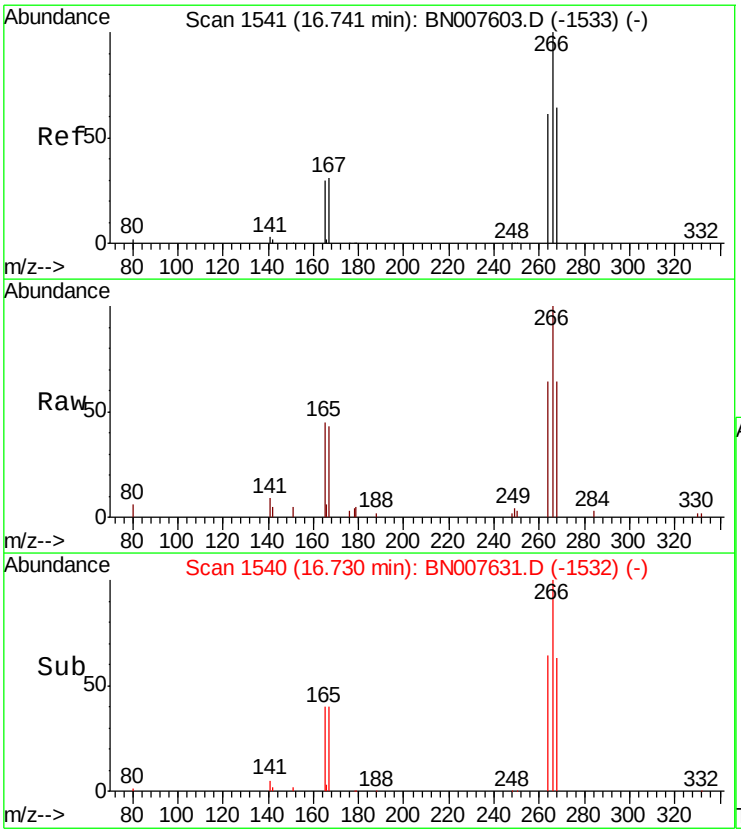
#21
Hexachlorobenzene
Concen: 0.306 ng
RT: 16.39 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:284 Resp: 8933

Ion	Ratio	Lower	Upper
284	100		
142	35.6	27.8	41.6
249	32.3	25.5	38.3

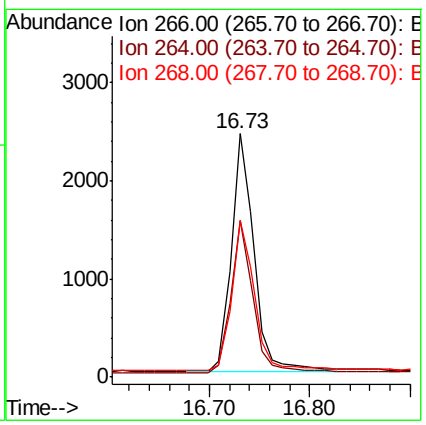


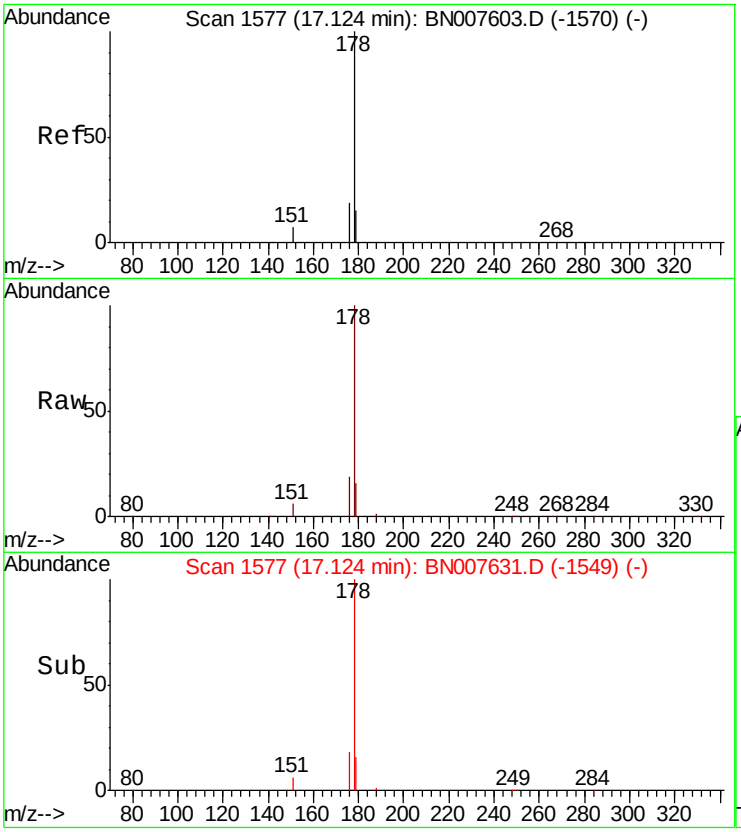


#22
Pentachlorophenol
Concen: 0.500 ng
RT: 16.73 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:266 Resp: 3795

Ion	Ratio	Lower	Upper
266	100		
264	64.2	49.4	74.0
268	64.4	53.0	79.6



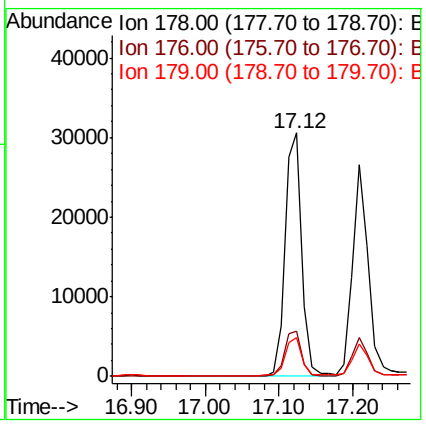


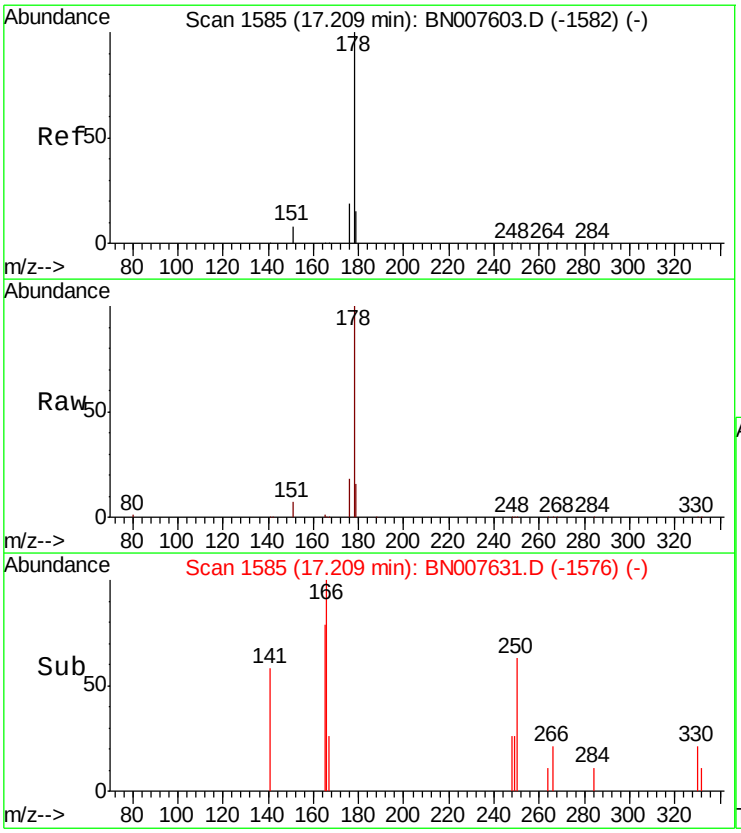
#23
Phenanthrene
Concen: 0.344 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:178 Resp: 47907

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.3	12.4	18.6

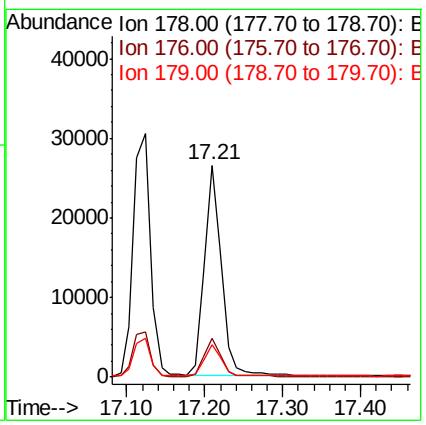


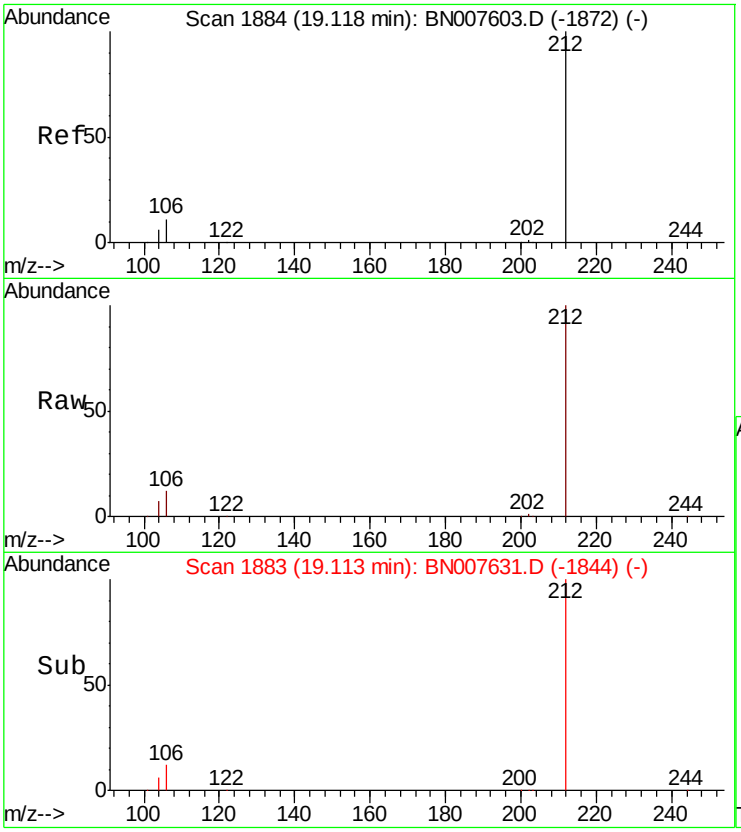


#24
Anthracene
Concen: 0.322 ng
RT: 17.21 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:178 Resp: 39825

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.4	12.4	18.6



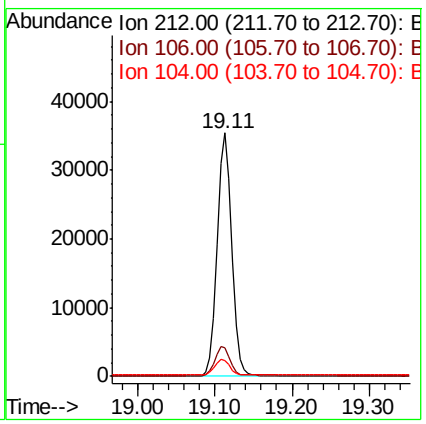


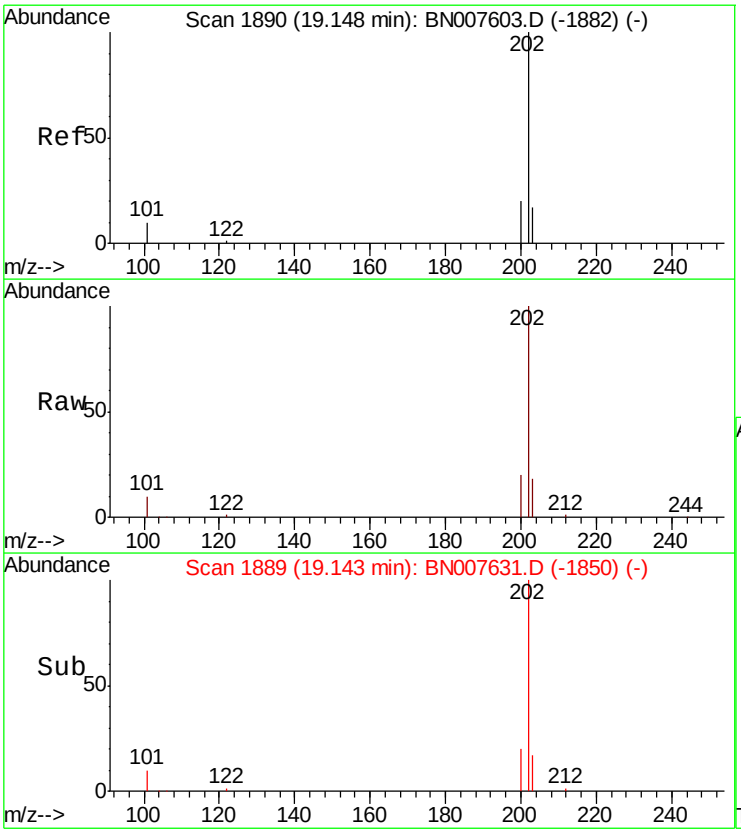
#25
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.11 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:212 Resp: 46244

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.6	14.4
104	6.8	5.4	8.0

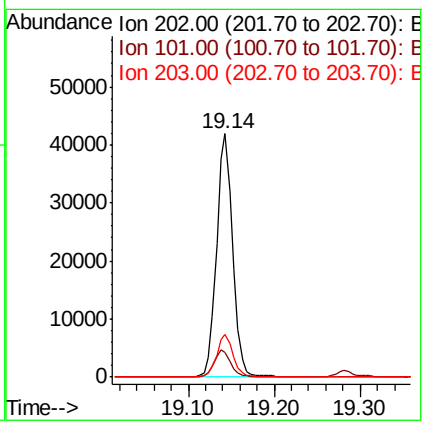


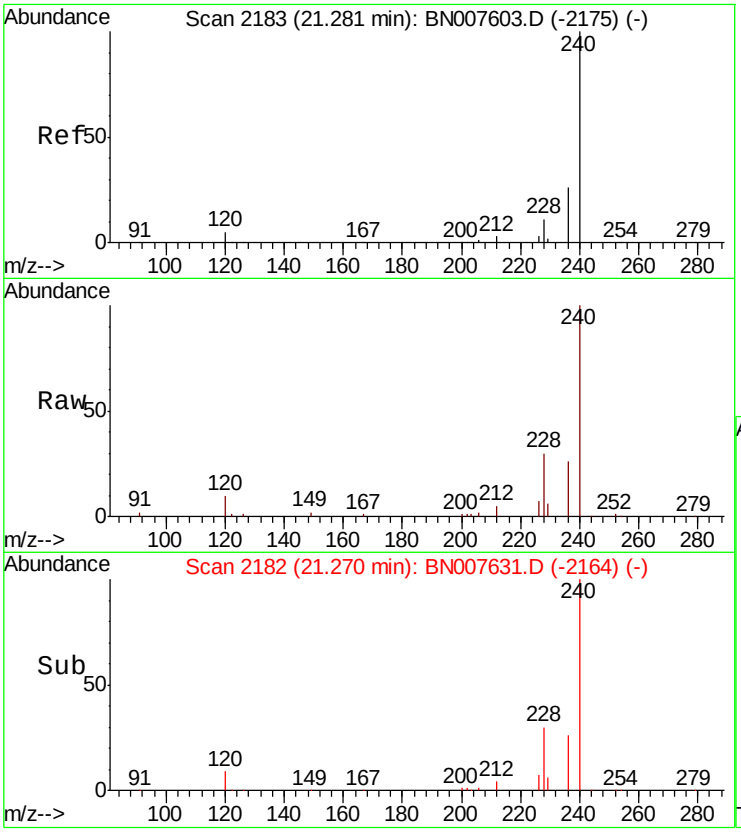


#26
Fluoranthene
Concen: 0.332 ng
RT: 19.14 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:202 Resp: 54001

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.6	13.0
203	17.1	13.8	20.6



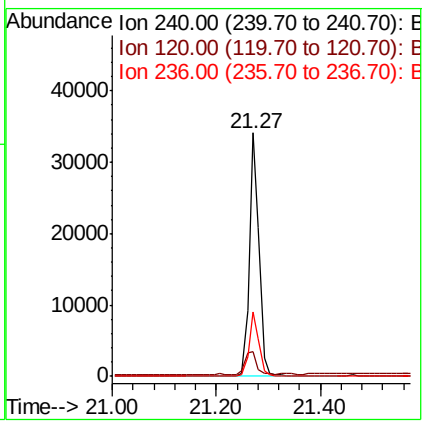


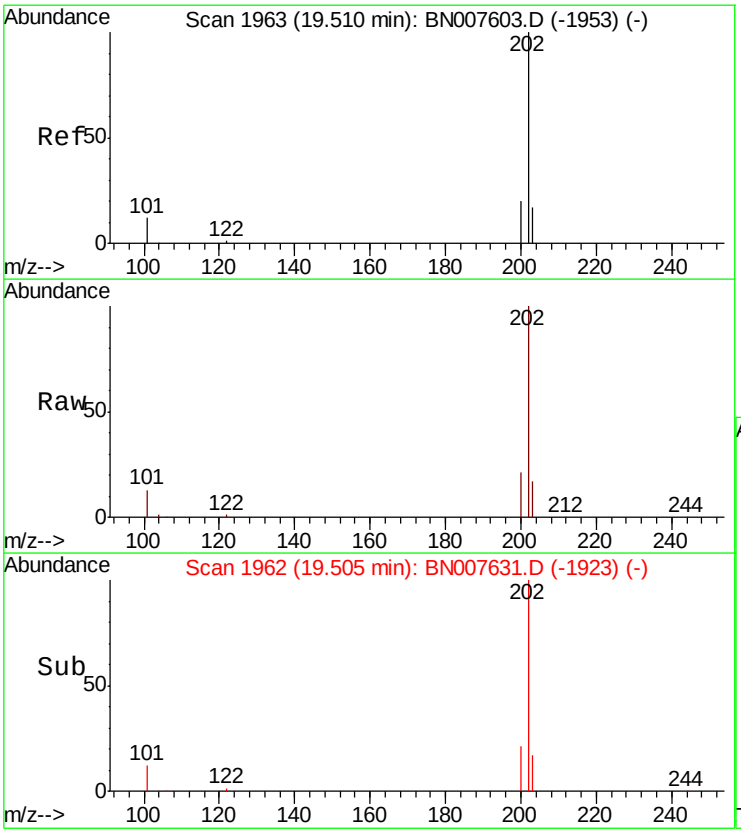
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:240 Resp: 43446

Ion	Ratio	Lower	Upper
240	100		
120	10.1	4.3	6.5#
236	26.4	20.8	31.2

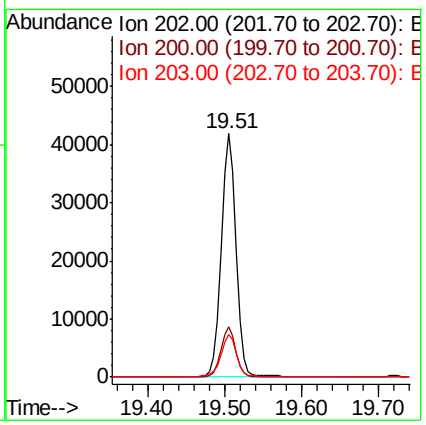


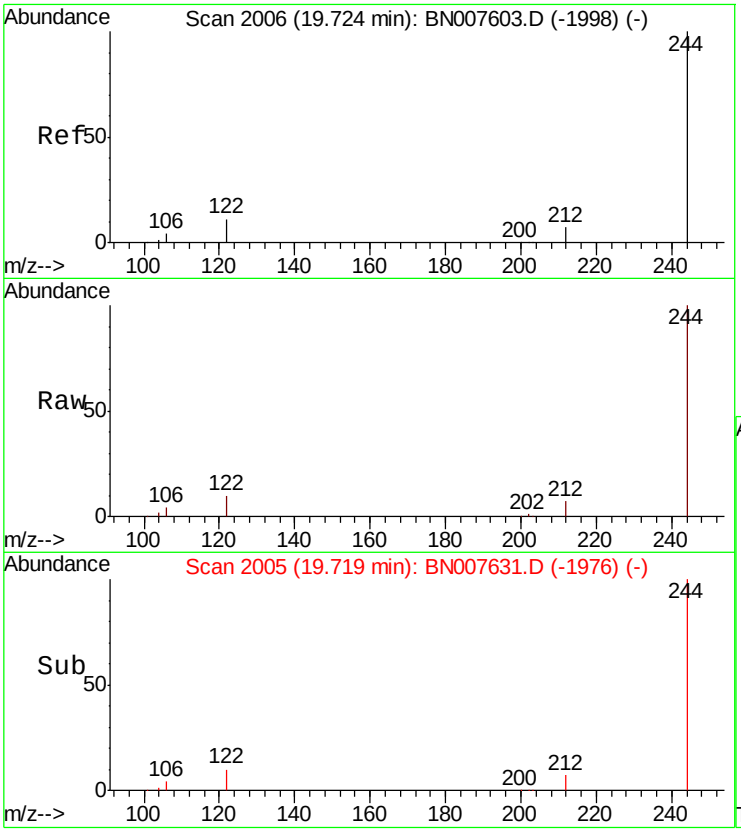


#28
Pyrene
Concen: 0.349 ng
RT: 19.51 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:202 Resp: 55077

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	18.0	14.0	21.0



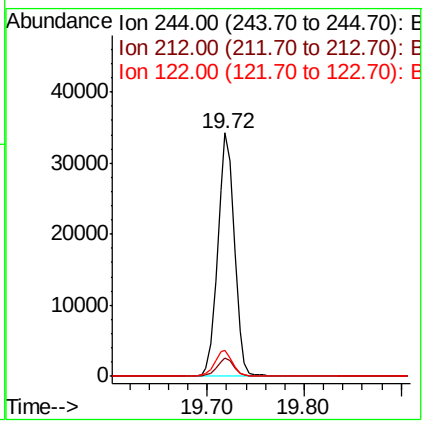


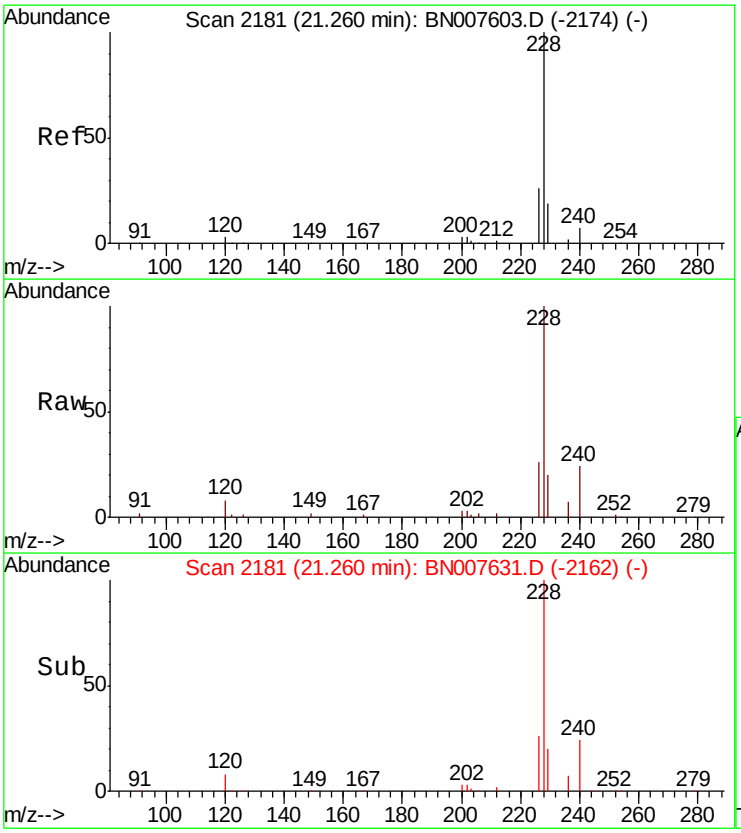
#29
Terphenyl-d14
Concen: 0.355 ng
RT: 19.72 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:244 Resp: 40632

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.4	8.6	12.8

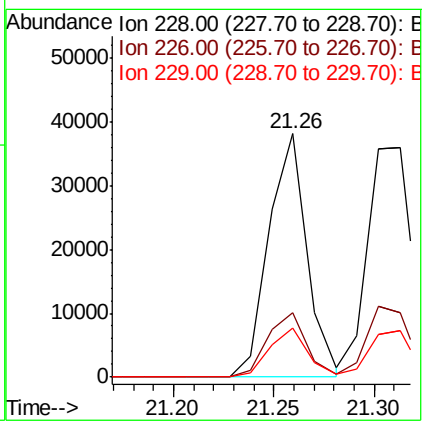


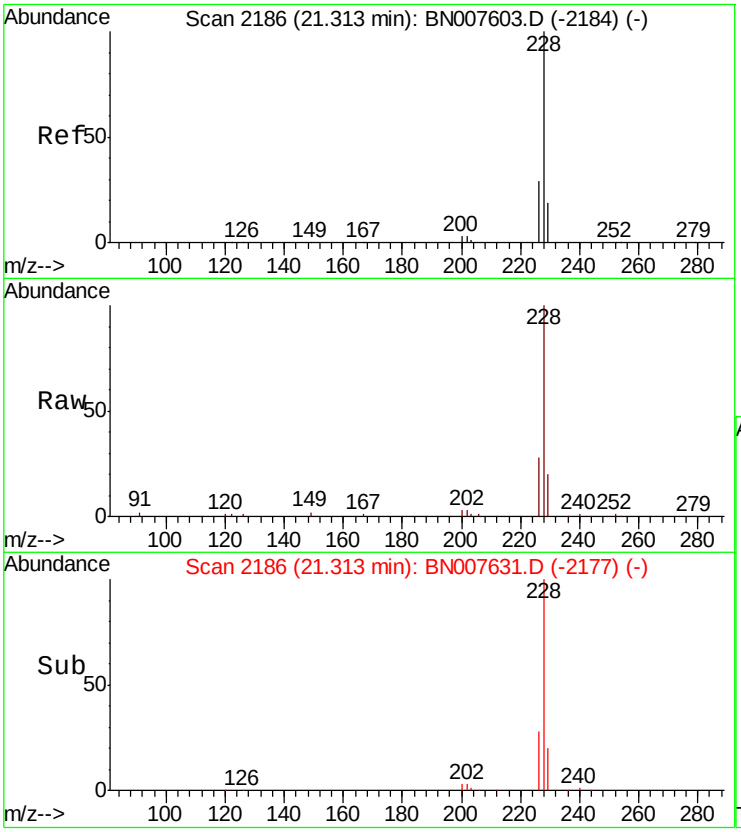


#30
Benzo(a)anthracene
Concen: 0.327 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:228 Resp: 50358

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.2	31.8
229	20.0	15.5	23.3



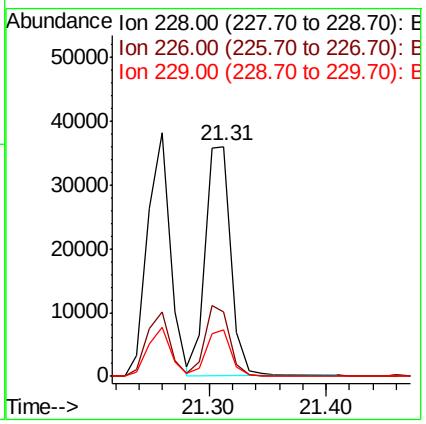


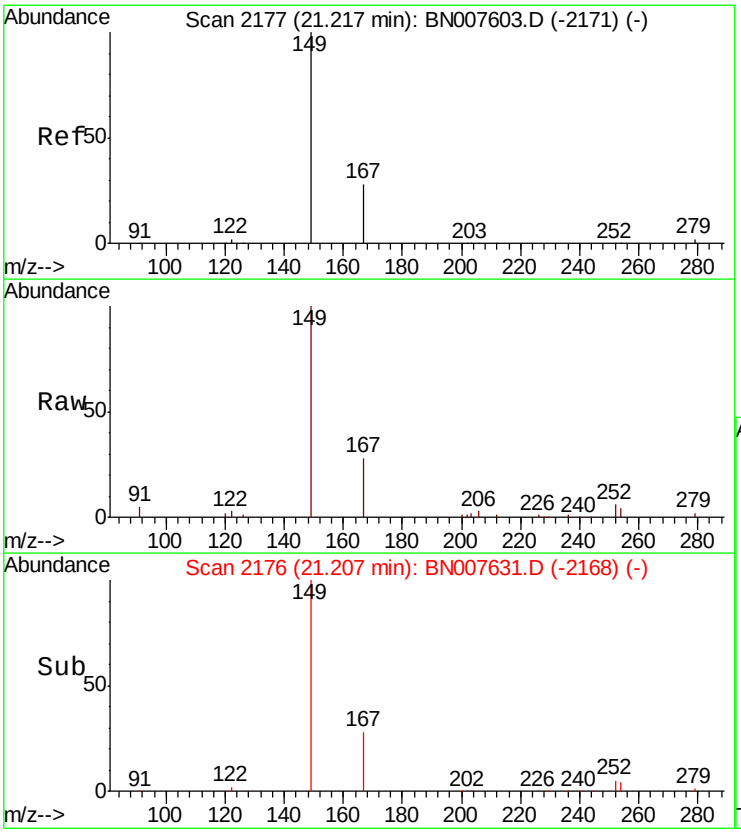
#31
Chrysene
Concen: 0.341 ng
RT: 21.31 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:228 Resp: 54656

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.4	35.2
229	20.1	15.5	23.3

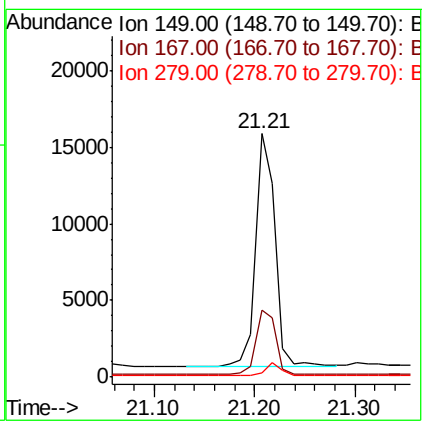


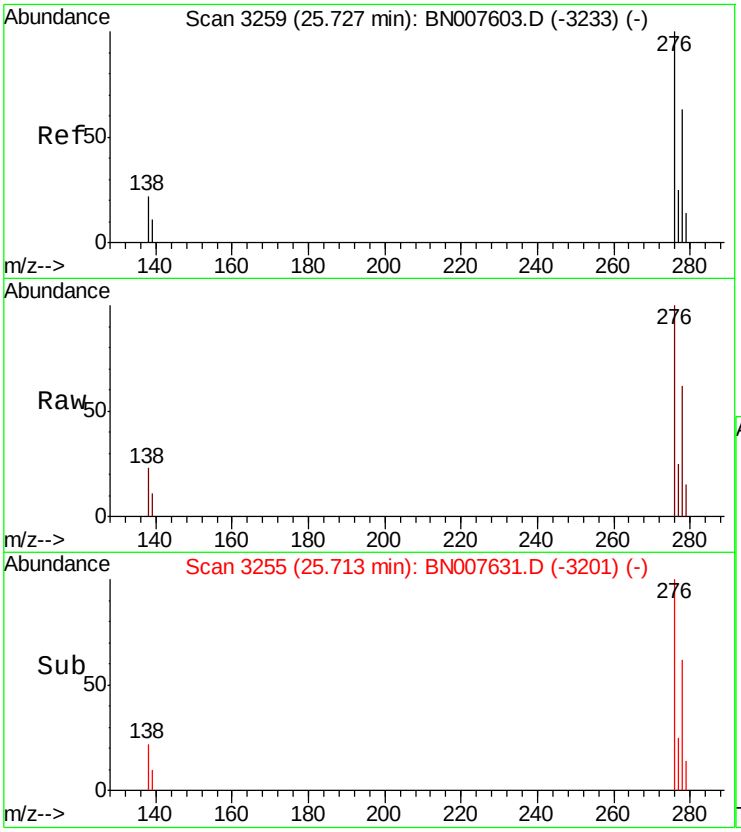


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.387 ng
RT: 21.21 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:149 Resp: 20221

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	4.5	3.8	5.6



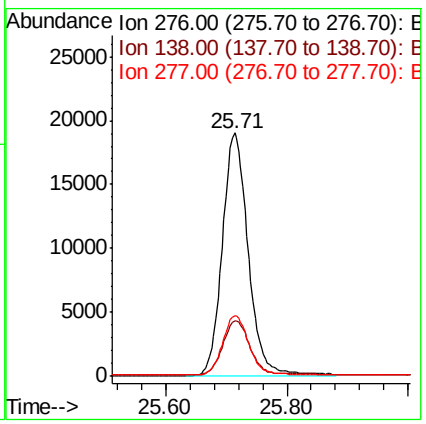


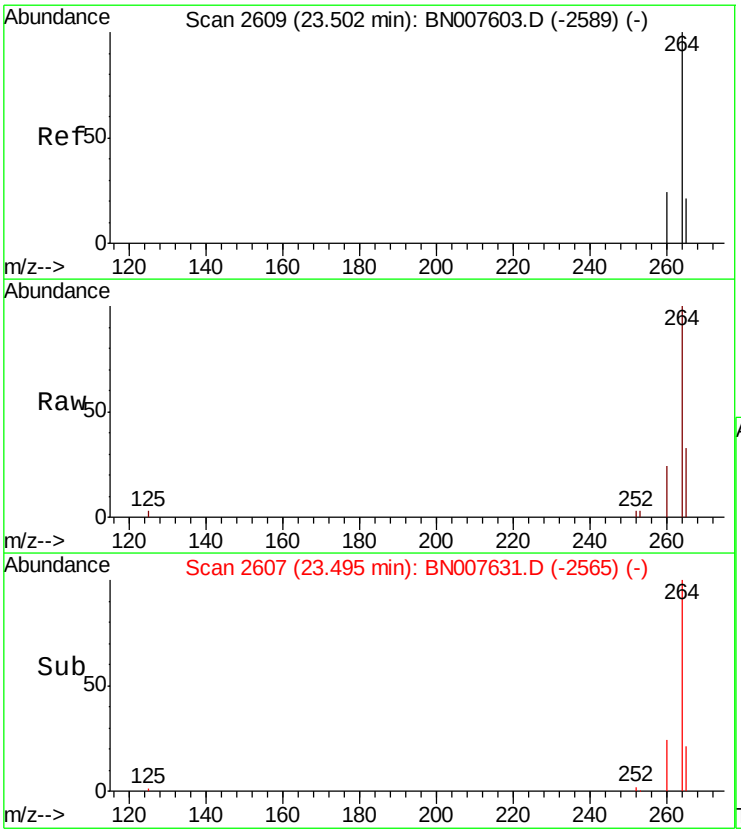
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng
RT: 25.71 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:276 Resp: 56345

Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.2	27.4
277	25.1	20.1	30.1

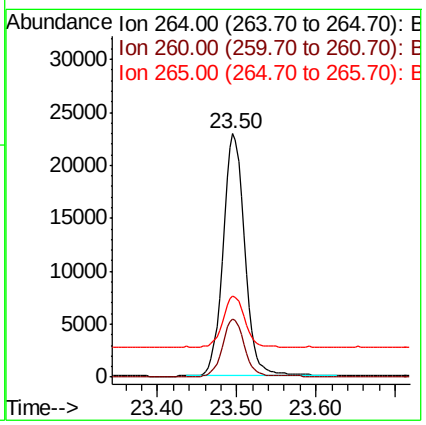


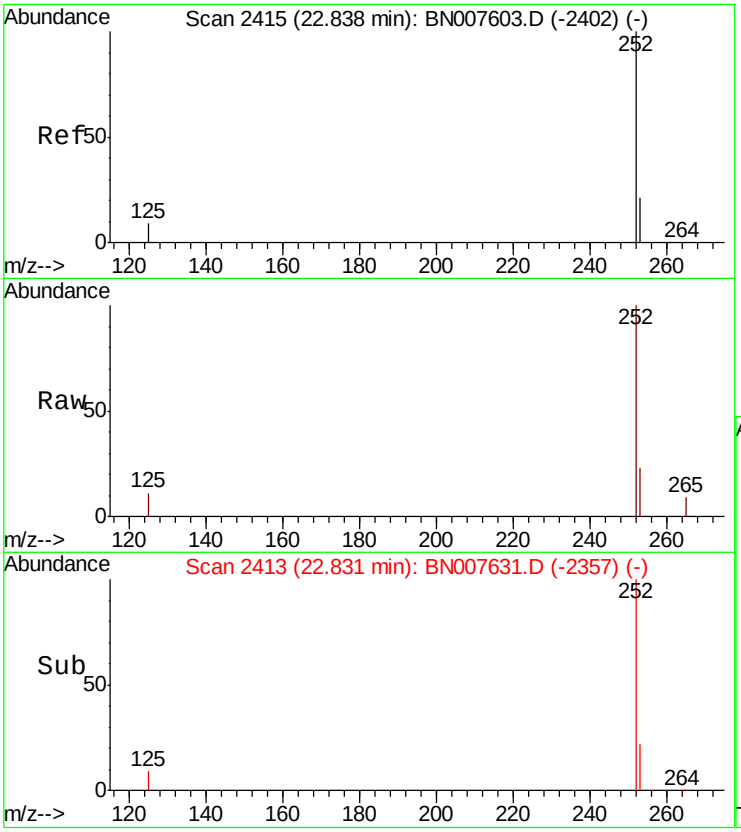


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:264 Resp: 43626

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	33.5	24.6	37.0



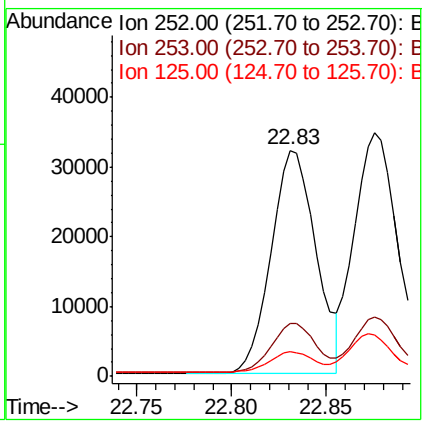


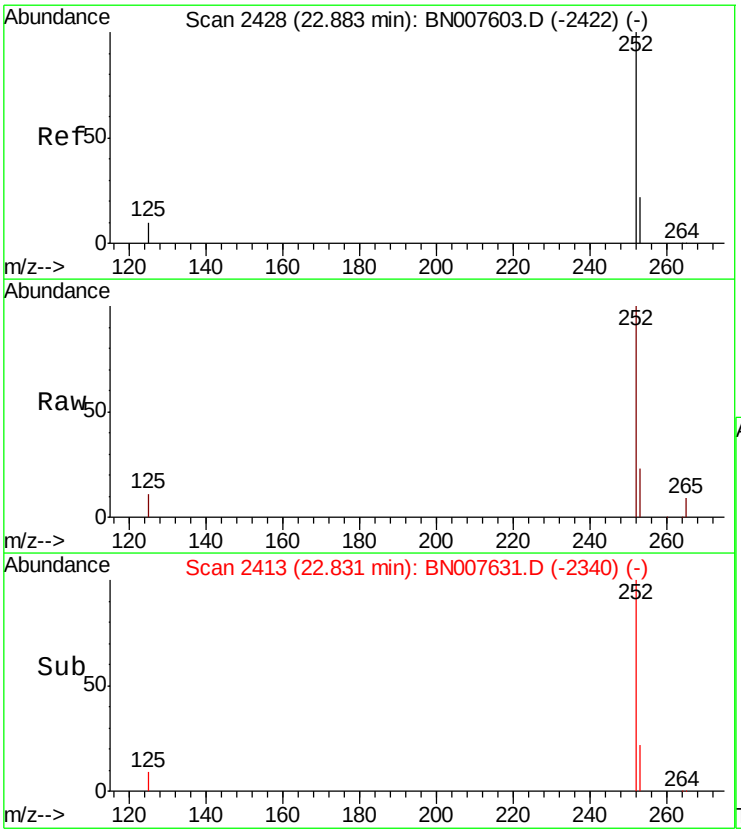
#35
Benzo(b)fluoranthene
Concen: 0.332 ng
RT: 22.83 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:252 Resp: 52651

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	11.0	8.0	12.0

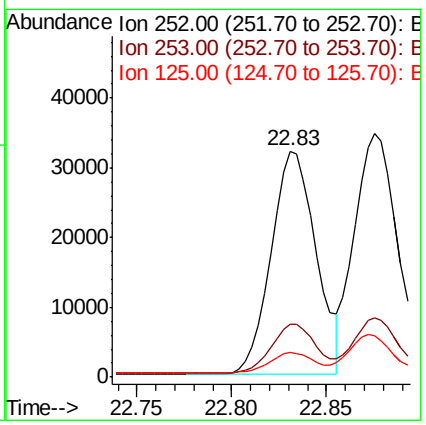


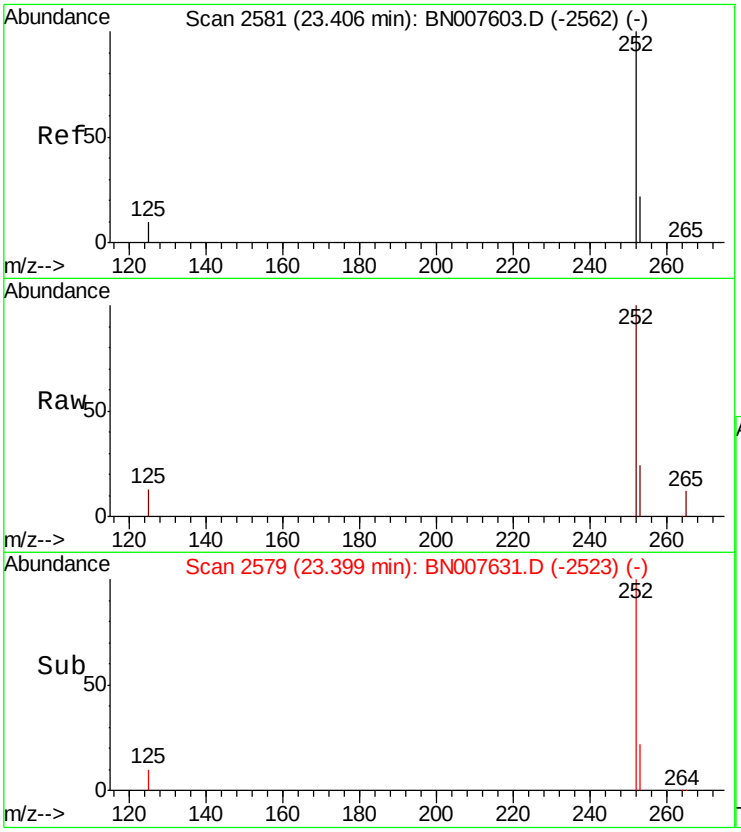


#36
Benzo(k)fluoranthene
Concen: 0.325 ng
RT: 22.83 min Scan# 2413
Delta R.T. -0.05 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:252 Resp: 52651

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	11.0	8.9	13.3



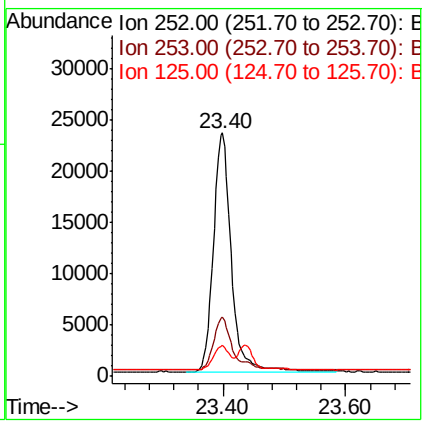


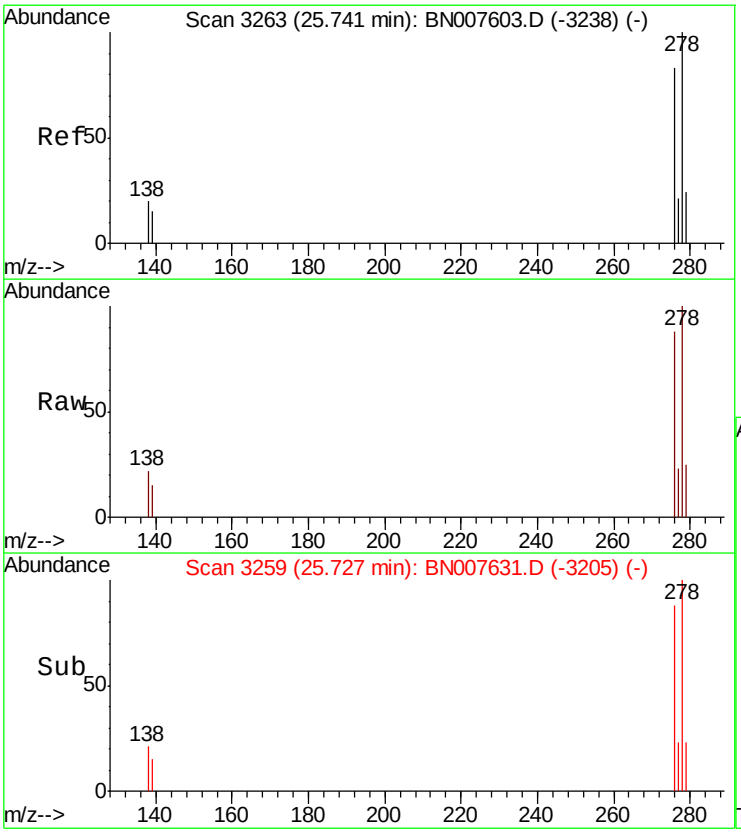
#37
Benzo(a)pyrene
Concen: 0.342 ng
RT: 23.40 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:252 Resp: 48089

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.3	27.5
125	12.7	8.9	13.3

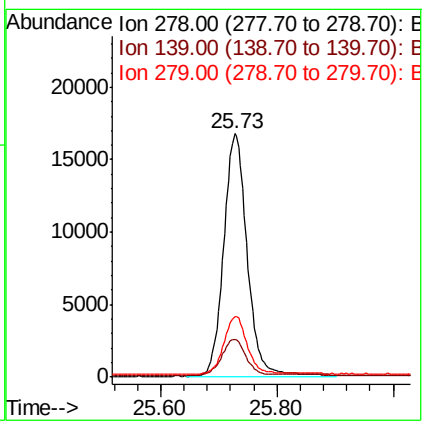


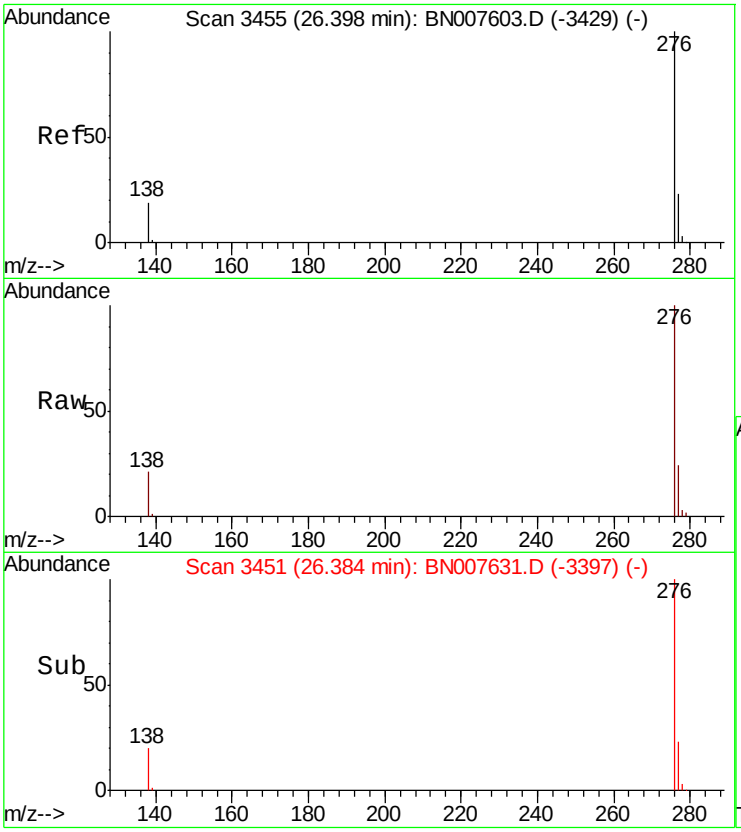


#38
Dibenzo(a,h)anthracene
Concen: 0.319 ng
RT: 25.73 min Scan# 3259
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Tgt Ion:278 Resp: 46928

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.6	18.8
279	24.6	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.323 ng
RT: 26.38 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BN007631.D
Acq: 13 Sep 2019 17:38

Instrument :
BNA_N
ClientSampleId :
RE122D2-20190909MS

Tgt Ion:276 Resp: 47067

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	21.1	15.8	23.6