Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092719\
Data File : BN007888.D
Acq On : 27 Sep 2019 16:40
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 27 18:45:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	8626	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	34425	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	20832	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	43619	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	48105	0.40	ng		-0.01
34) Perylene-d12	23.48	264	52402	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	11274	0.38	ng		-0.02
5) Phenol-d6	6.86	99	15069	0.41	ng		-0.02
8) Nitrobenzene-d5	8.82	82	13442	0.45	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	24596	0.42	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	4402	0.39	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	34860	0.41	ng		-0.01
25) Fluoranthene-d10	19.09	212	61368	0.42	ng		-0.01
29) Terphenyl-d14	19.70	244	52965	0.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	4376	0.455	ng		92
3) n-Nitrosodimethylamine	2.99	42	3115	0.707	ng	#	86
6) bis(2-Chloroethyl)ether	7.11	93	12630	0.517	ng	#	90
9) Naphthalene	10.49	128	41278	0.427	ng		99
10) Hexachlorobutadiene	10.80	225	8963	0.440	ng	#	99
12) 2-Methylnaphthalene	12.12	142	28058	0.430	ng		99
16) Acenaphthylene	14.02	152	47323	0.428	ng		99
17) Acenaphthene	14.37	154	28289	0.397	ng		99
18) Fluorene	15.36	166	36959	0.405	ng		84
20) 4-Bromophenyl-phenylether	16.25	248	11567	0.437	ng	#	79
21) Hexachlorobenzene	16.38	284	12788	0.442	ng		98
22) Pentachlorophenol	16.71	266	5699	0.534	ng		95
23) Phenanthrene	17.10	178	58720	0.432	ng		99
24) Anthracene	17.19	178	55397	0.451	ng		99
26) Fluoranthene	19.12	202	71158	0.421	ng		100
28) Pyrene	19.49	202	74007	0.451	ng		98
30) Benzo(a)anthracene	21.24	228	76242	0.430	ng		97
31) Chrysene	21.29	228	72779	0.422	ng		99
32) Bis(2-ethylhexyl)phthalate	21.19	149	66816	0.733	ng		98
33) Indeno(1,2,3-cd)pyrene	25.69	276	84583	0.391	ng		99
35) Benzo(b)fluoranthene	22.81	252	78062	0.429	ng		99
36) Benzo(k)fluoranthene	22.86	252	74122	0.412	ng		99
37) Benzo(a)pyrene	23.38	252	71964	0.421	ng	#	97
38) Dibenzo(a,h)anthracene	25.70	278	68388	0.391	ng		100
39) Benzo(g,h,i)perylene	26.36	276	70338	0.406	ng		99

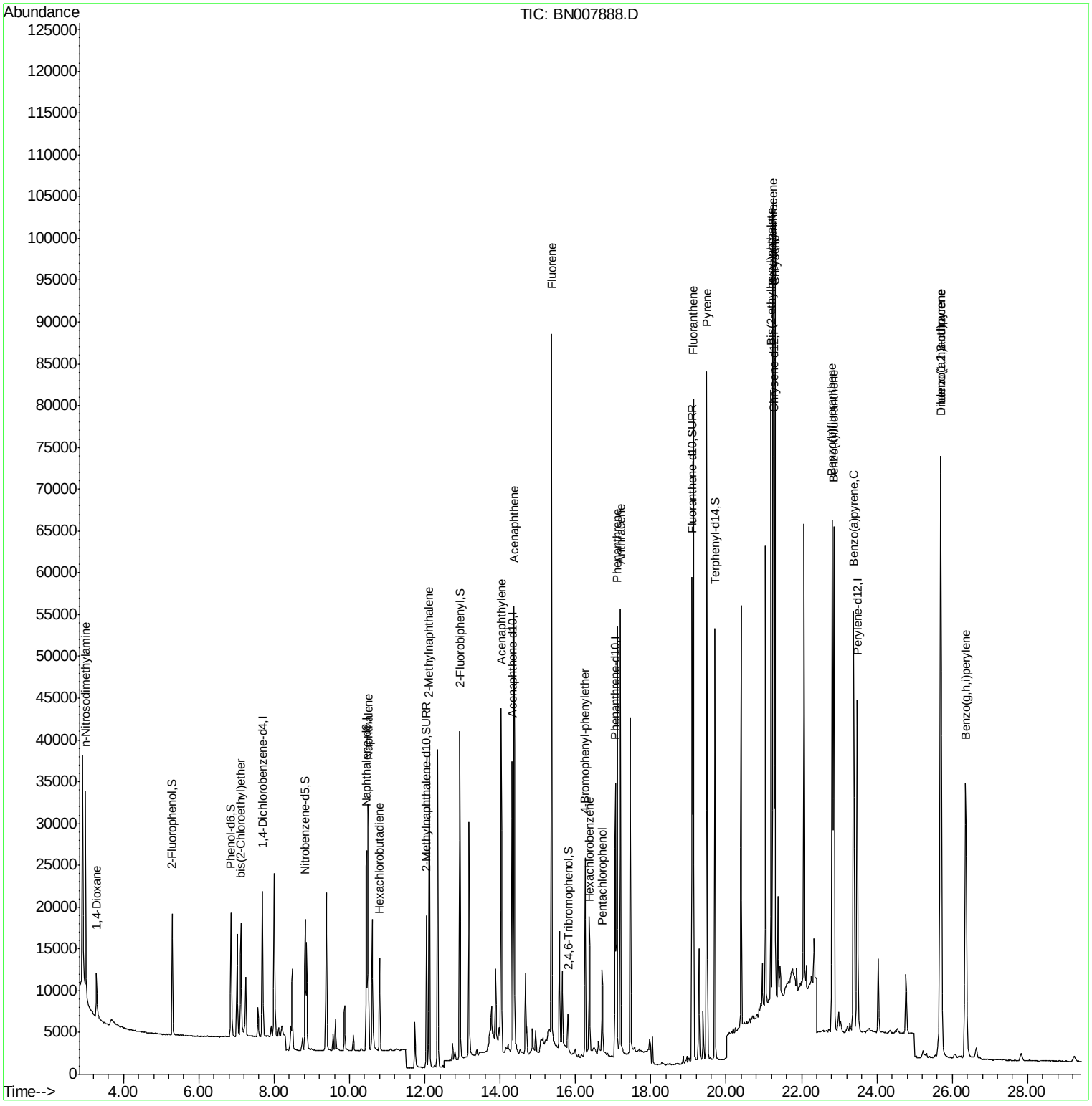
(#) = qualifier out of range (m) = manual integration (+) = signals summed

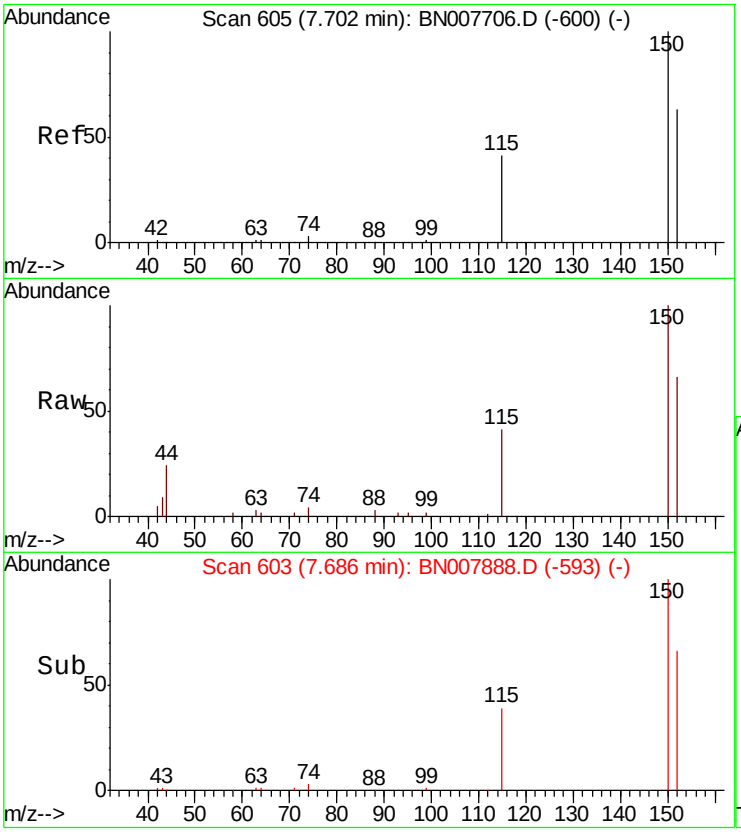
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092719\
Data File : BN007888.D
Acq On : 27 Sep 2019 16:40
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 27 18:45:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



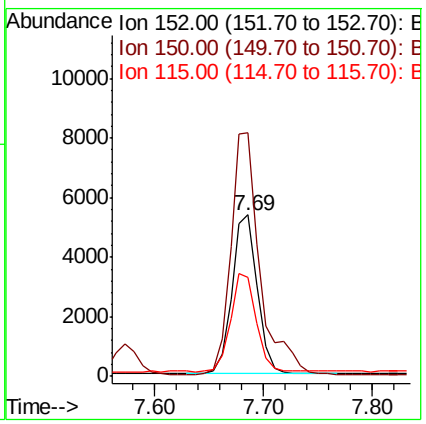


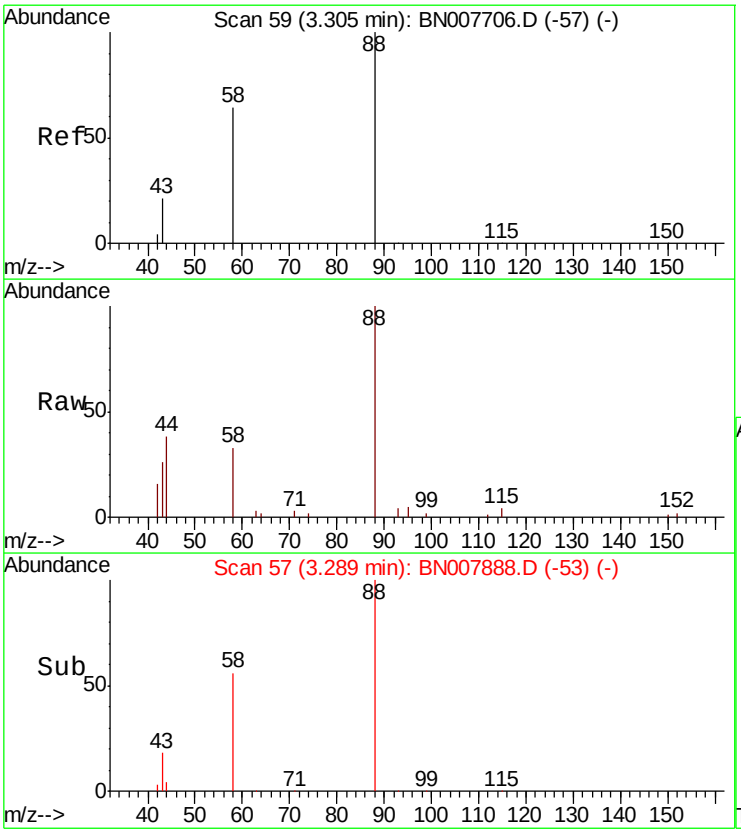
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8626

Ion	Ratio	Lower	Upper
152	100		
150	151.0	125.6	188.4
115	61.4	53.3	79.9

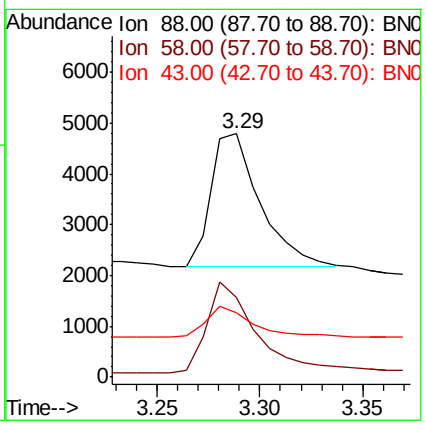


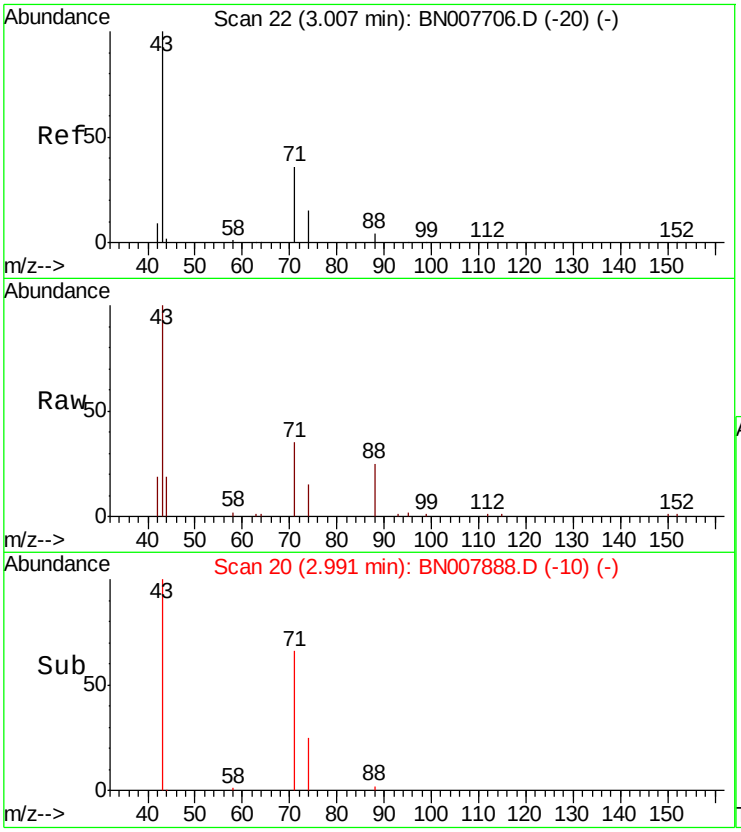


#2
1,4-Dioxane
Concen: 0.455 ng
RT: 3.29 min Scan# 57
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion: 88 Resp: 4376

Ion	Ratio	Lower	Upper
88	100		
58	62.2	44.6	66.8
43	20.0	14.4	21.6



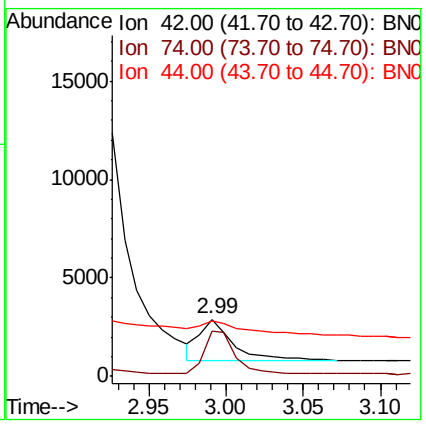


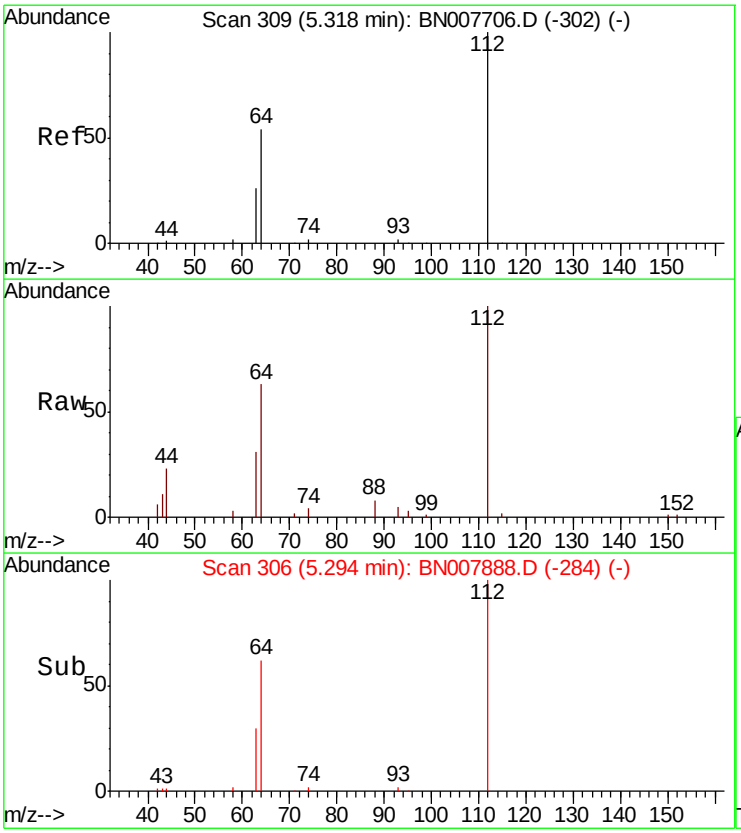
#3
n-Nitrosodimethylamine
Concen: 0.707 ng
RT: 2.99 min Scan# 20
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 3115

Ion	Ratio	Lower	Upper
42	100		
74	95.8	87.9	131.9
44	45.3	29.4	44.0#

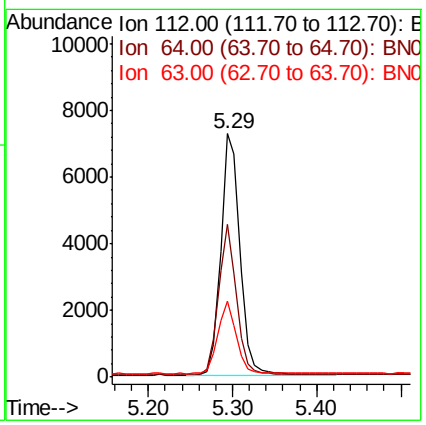


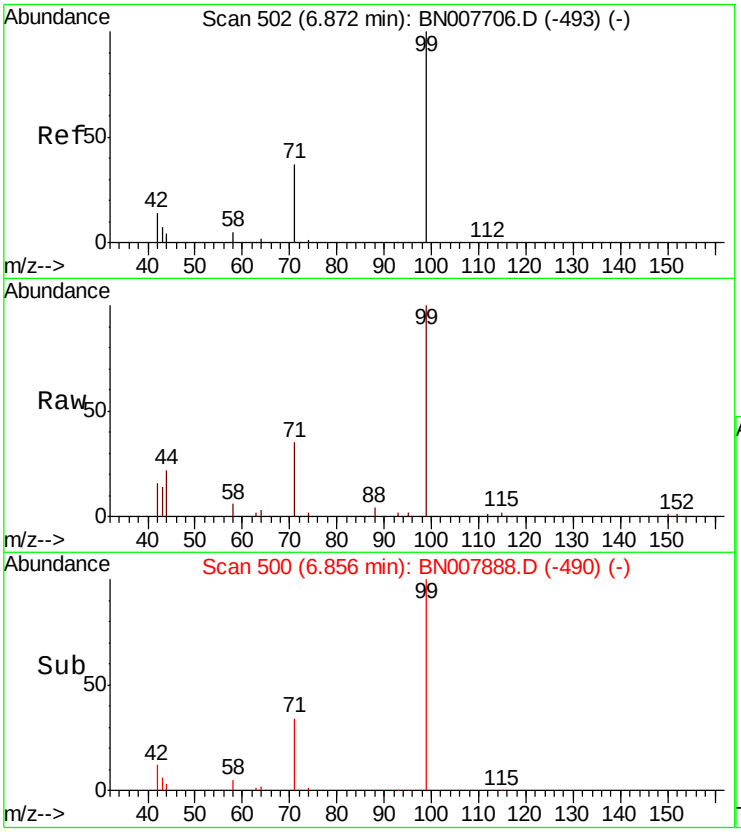


#4
2-Fluorophenol
Concen: 0.380 ng
RT: 5.29 min Scan# 306
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:112 Resp: 11274

Ion	Ratio	Lower	Upper
112	100		
64	58.5	46.6	70.0
63	28.8	23.1	34.7



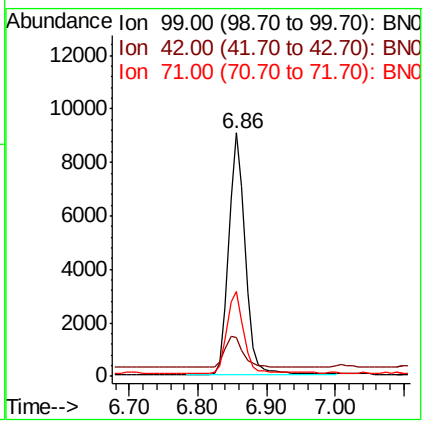


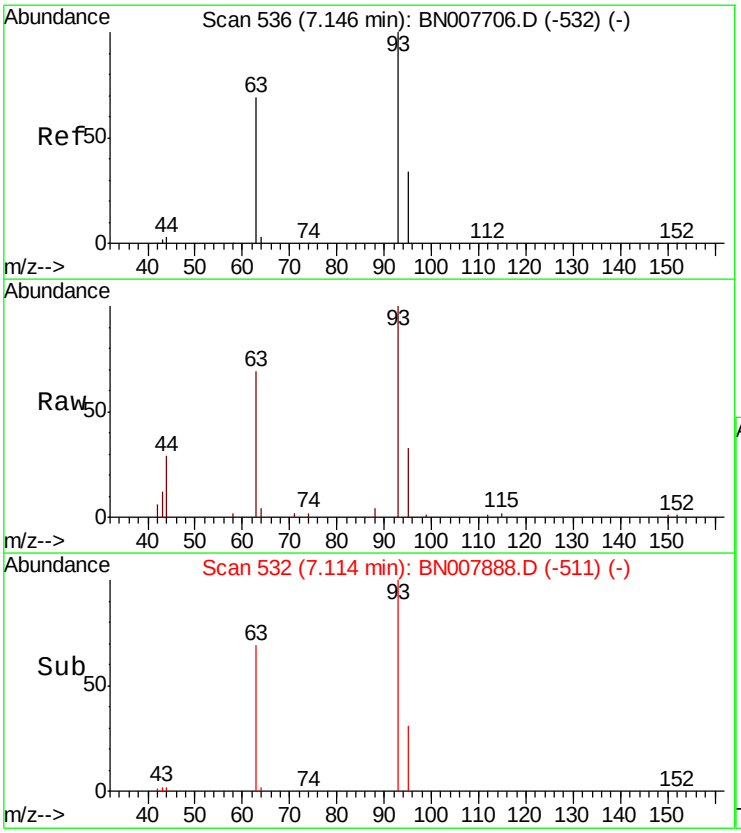
#5
Phenol-d6
Concen: 0.407 ng
RT: 6.86 min Scan# 500
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 15069

Ion	Ratio	Lower	Upper
99	100		
42	14.1	12.8	19.2
71	34.5	27.6	41.4

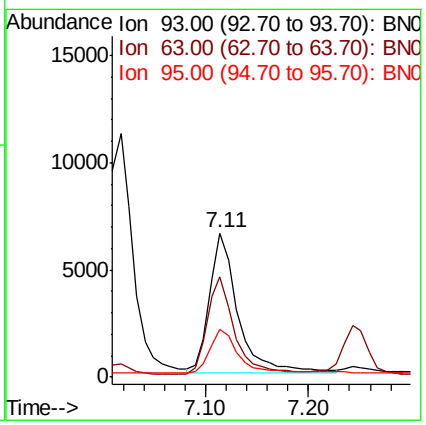


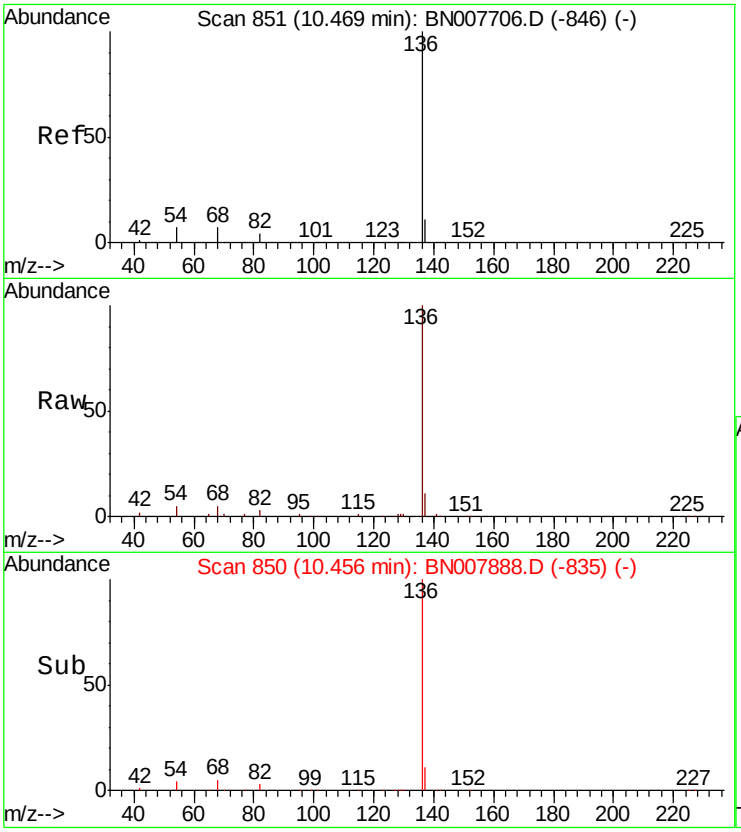


#6
bis(2-Chloroethyl)ether
Concen: 0.517 ng
RT: 7.11 min Scan# 532
Delta R.T. -0.03 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion: 93 Resp: 12630

Ion	Ratio	Lower	Upper
93	100		
63	66.8	59.3	88.9
95	31.3	31.4	47.0#



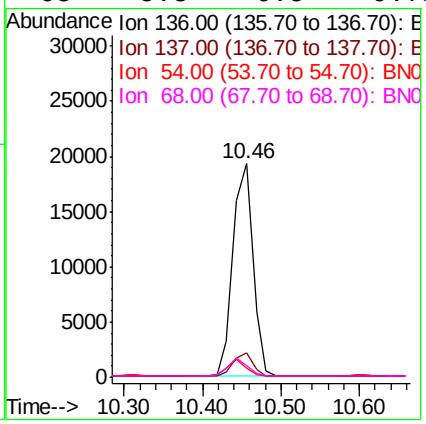


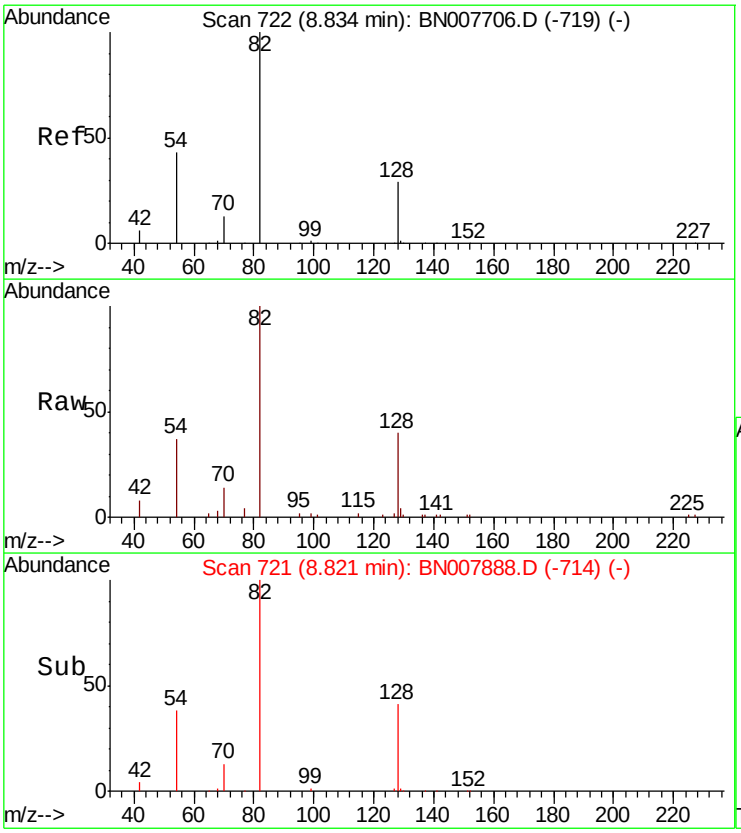
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 34425

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	4.5	5.8	8.8#
68	5.3	6.5	9.7#

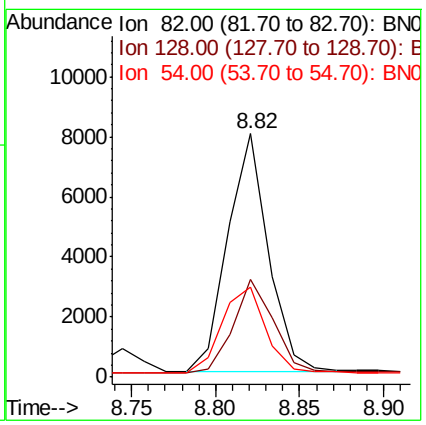


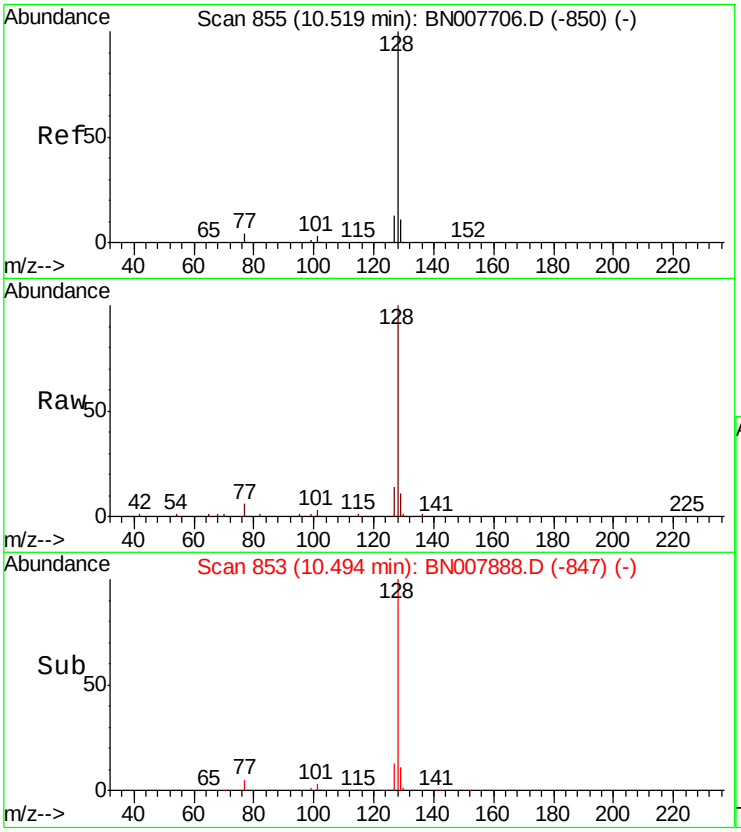


#8
Nitrobenzene-d5
Concen: 0.446 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion: 82 Resp: 13442

Ion	Ratio	Lower	Upper
82	100		
128	39.9	24.5	36.7#
54	36.7	35.2	52.8



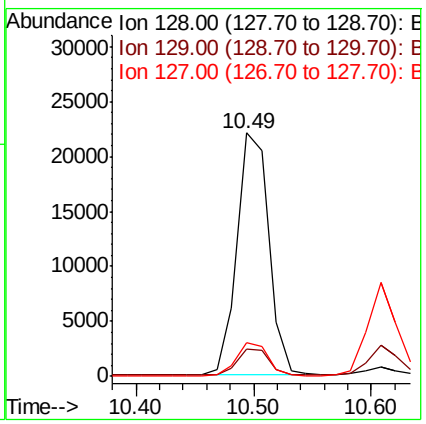


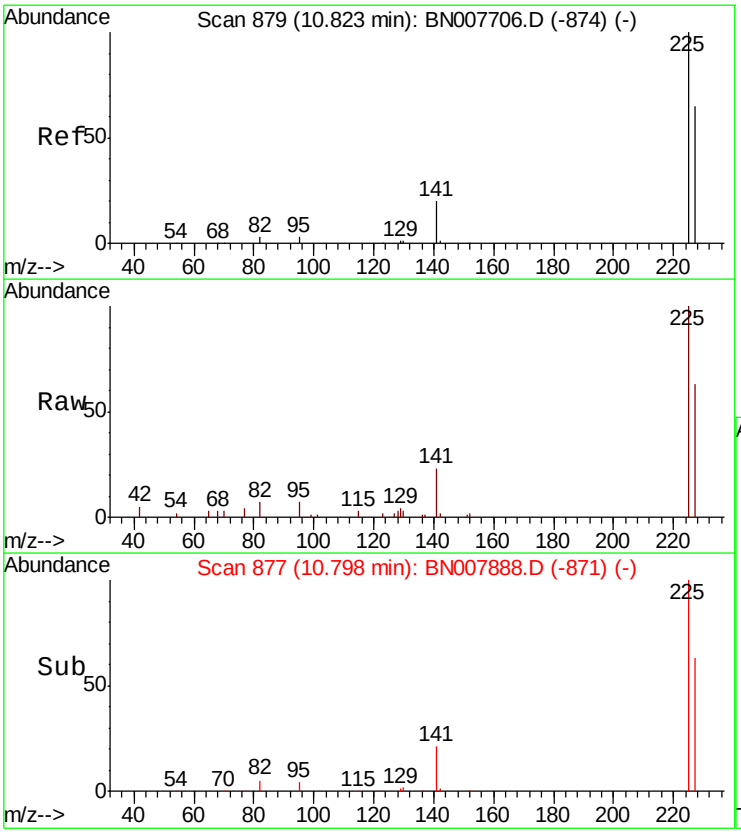
#9
Naphthalene
Concen: 0.427 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 41278

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.7	10.6	15.8

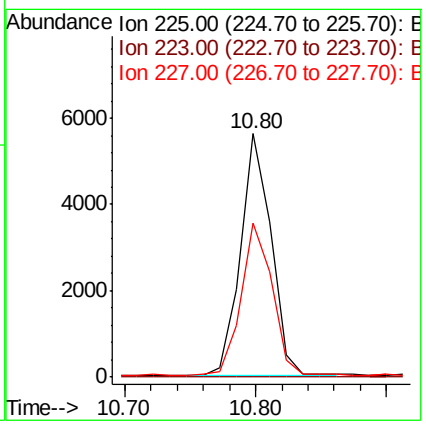


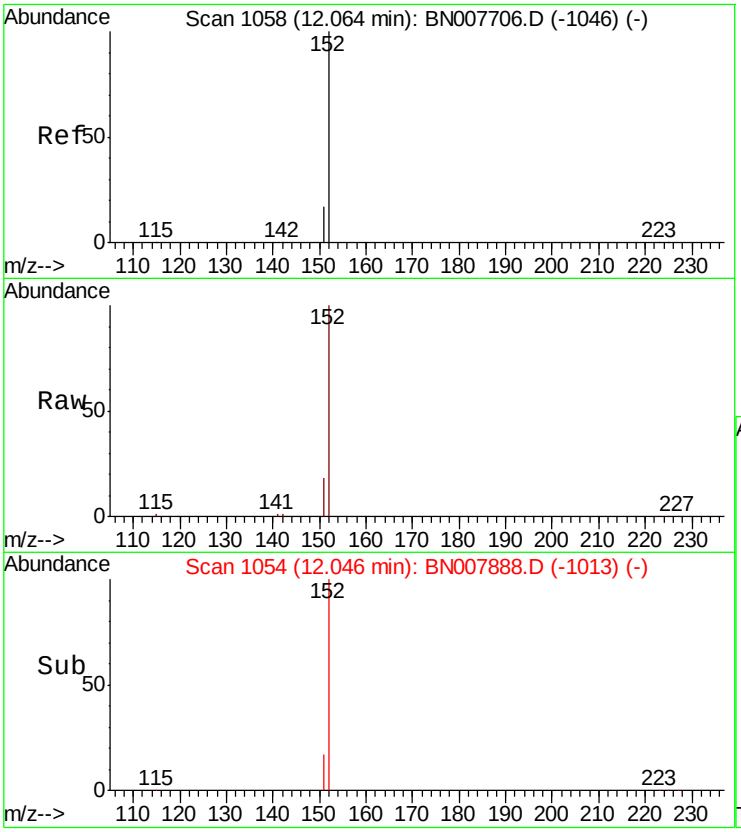


#10
Hexachlorobutadiene
Concen: 0.440 ng
RT: 10.80 min Scan# 877
Delta R.T. -0.03 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:225 Resp: 8963

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.2	76.8



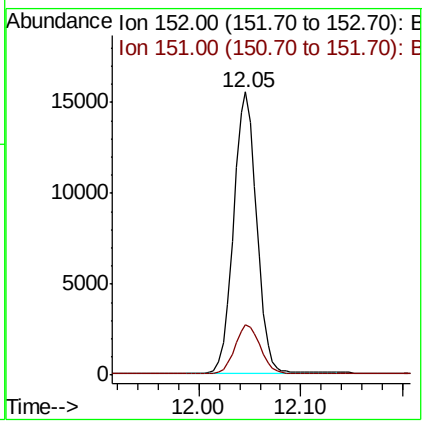


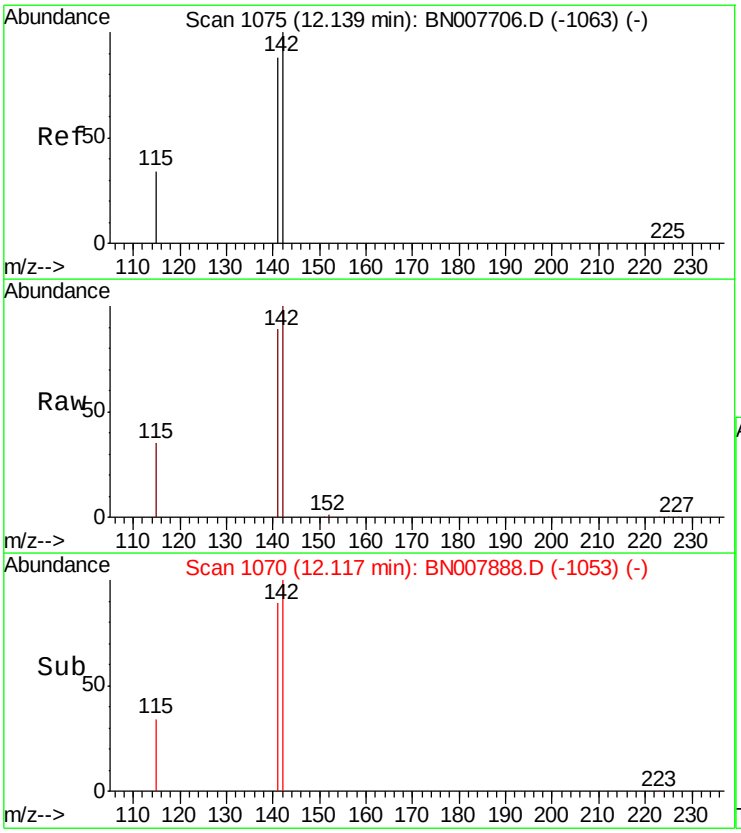
#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 24596

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2

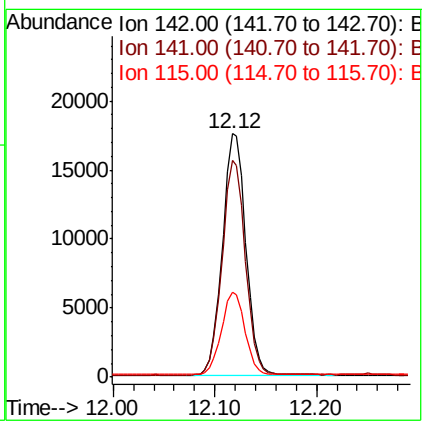


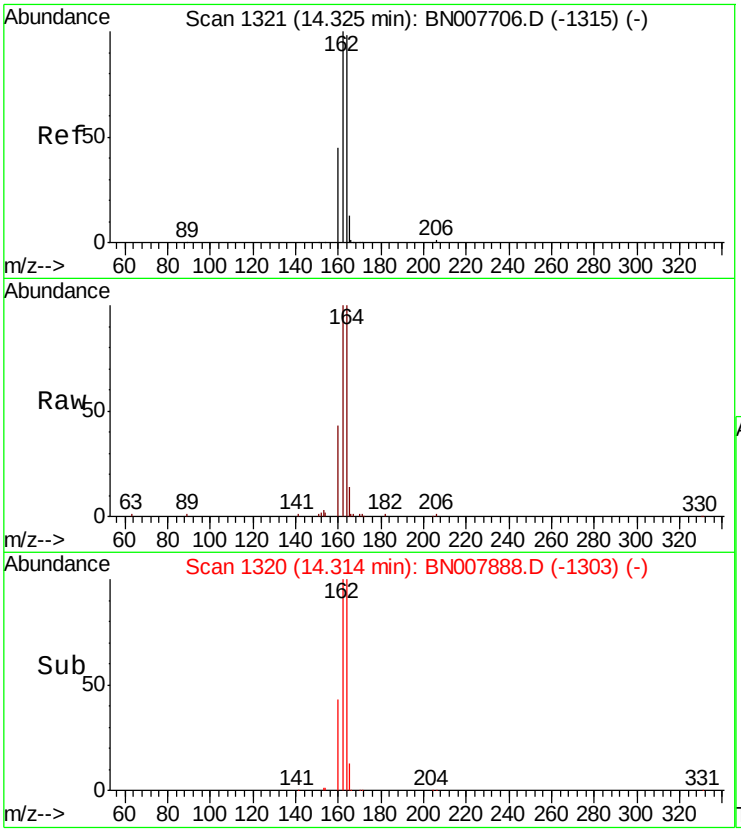


#12
2-Methylnaphthalene
Concen: 0.430 ng
RT: 12.12 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:142 Resp: 28058

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.6	106.0
115	34.9	28.3	42.5



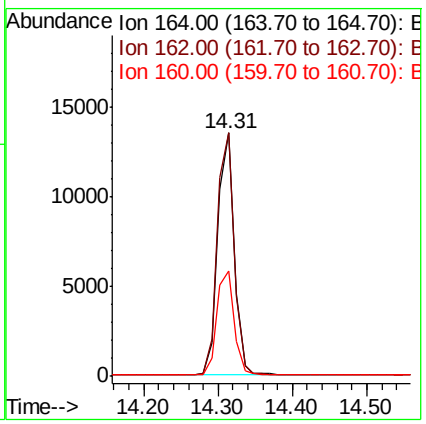


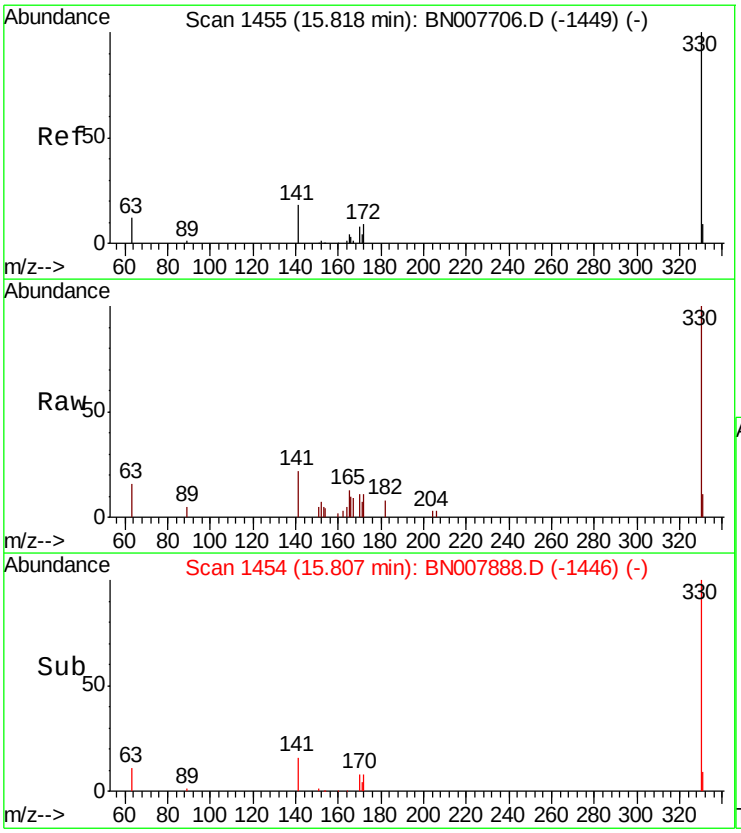
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 20832

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.7	122.5
160	43.5	37.0	55.4

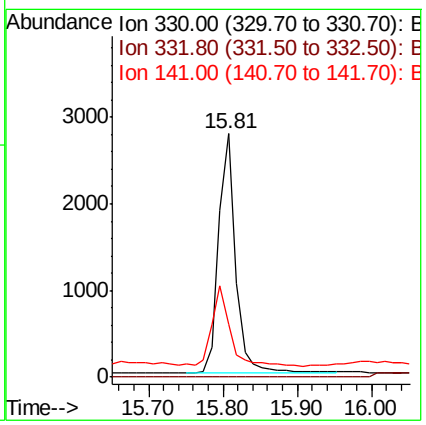


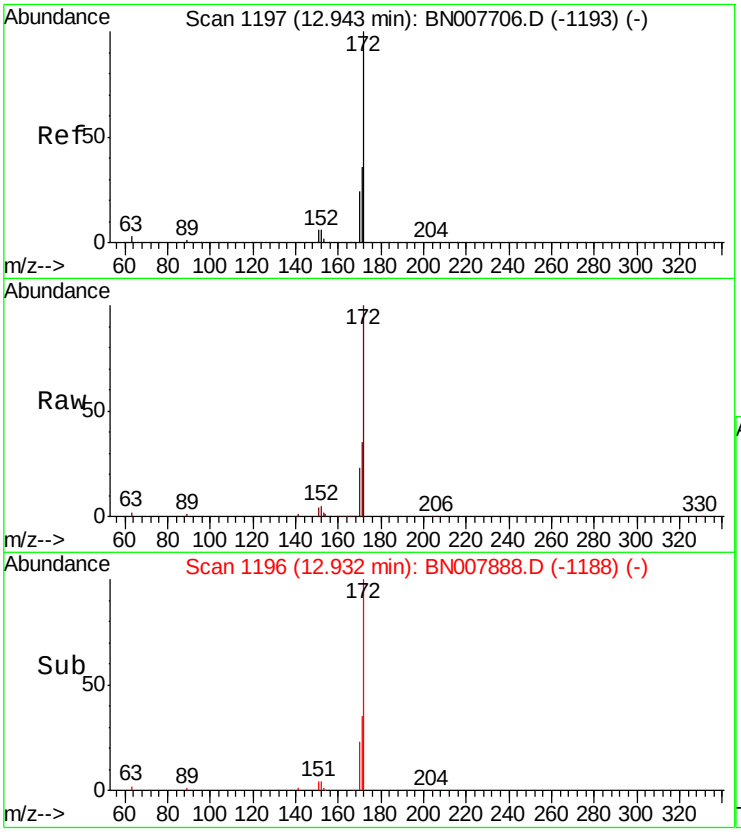


#14
2,4,6-Tribromophenol
Concen: 0.388 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:330 Resp: 4402

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.1	28.7	43.1



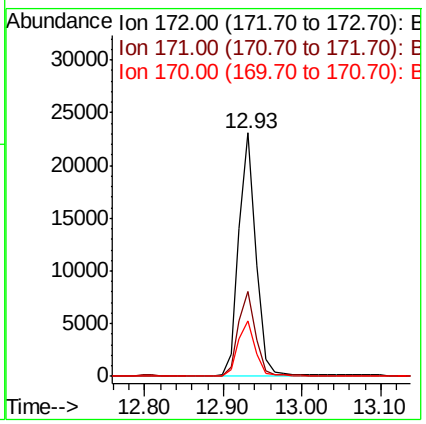


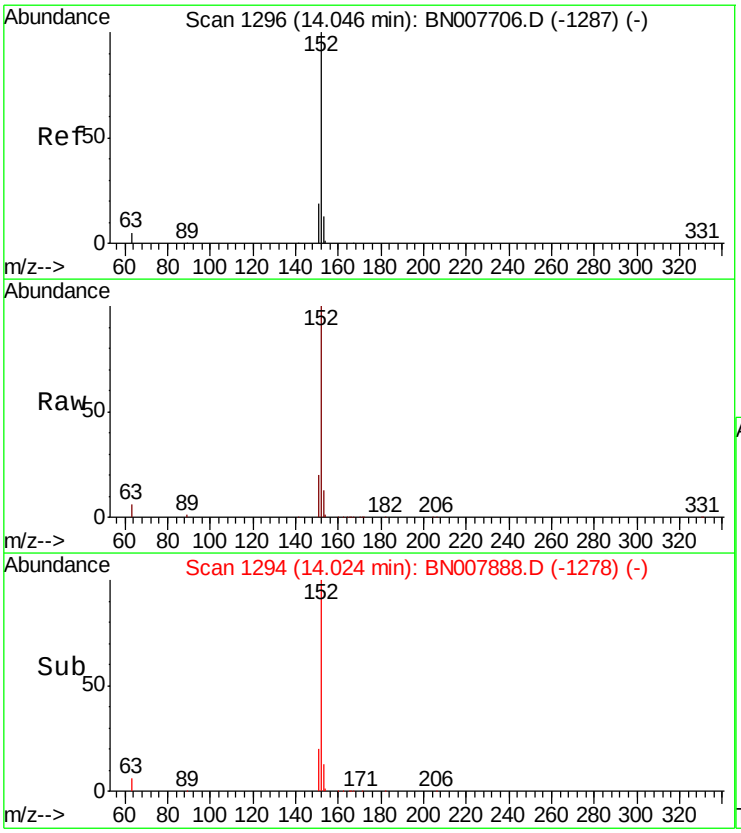
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 34860

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.8	43.2
170	22.9	19.5	29.3

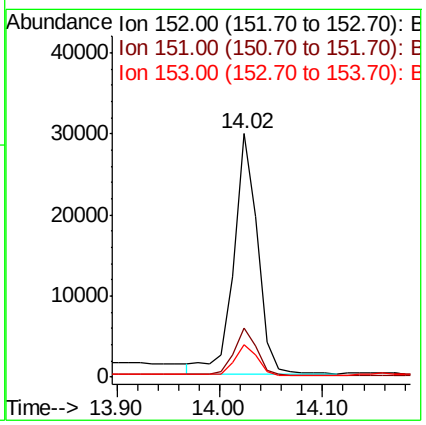


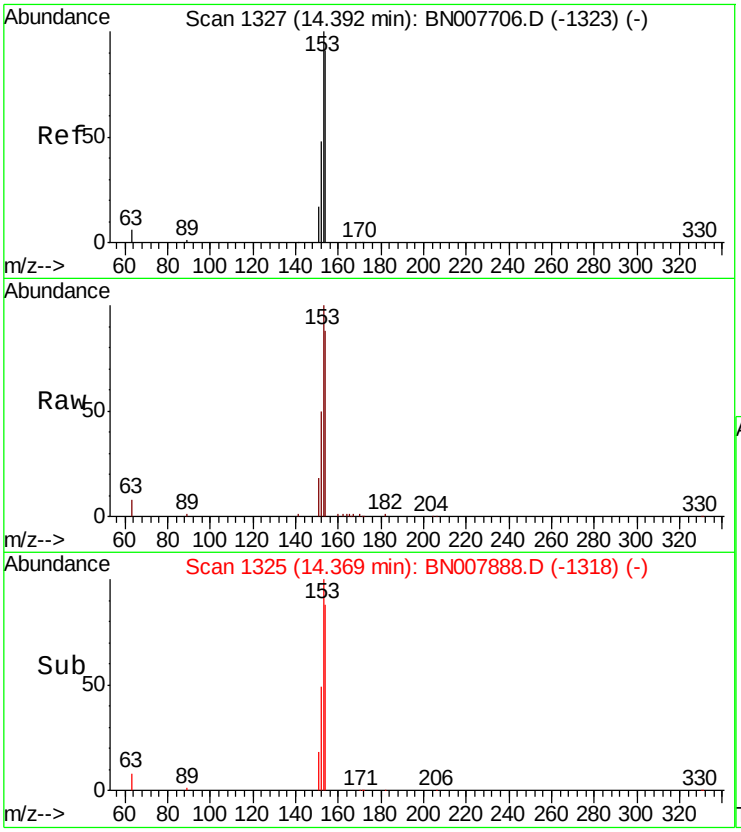


#16
Acenaphthylene
Concen: 0.428 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:152 Resp: 47323

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3
153	12.6	10.4	15.6



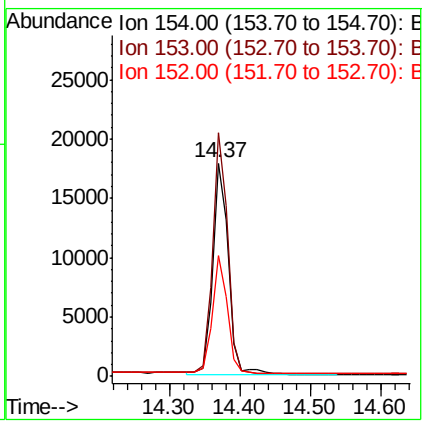


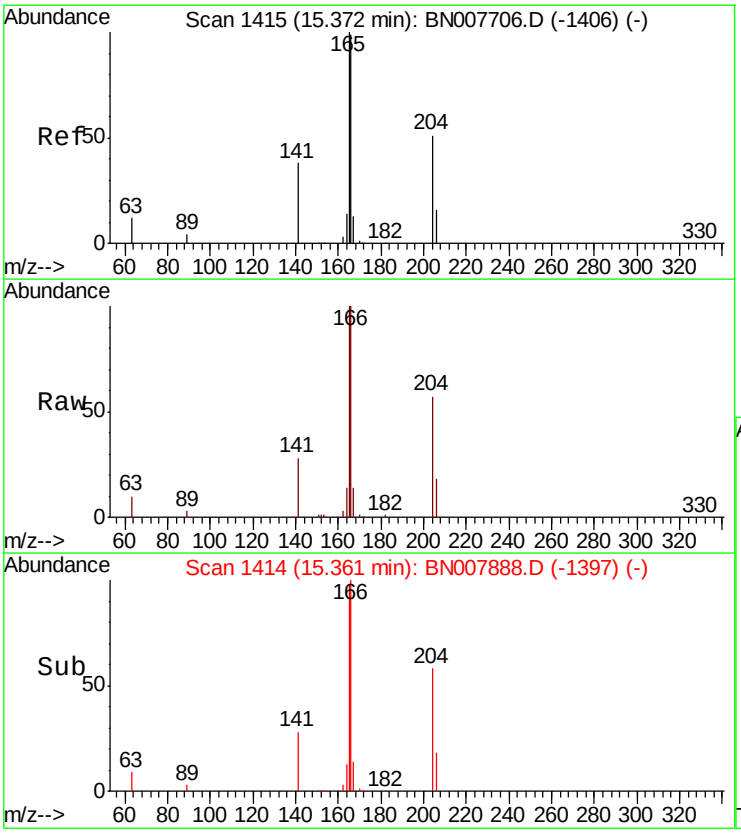
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 28289

Ion	Ratio	Lower	Upper
154	100		
153	107.7	87.0	130.4
152	52.5	42.7	64.1

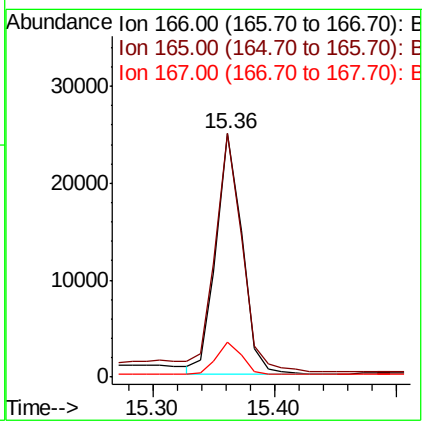


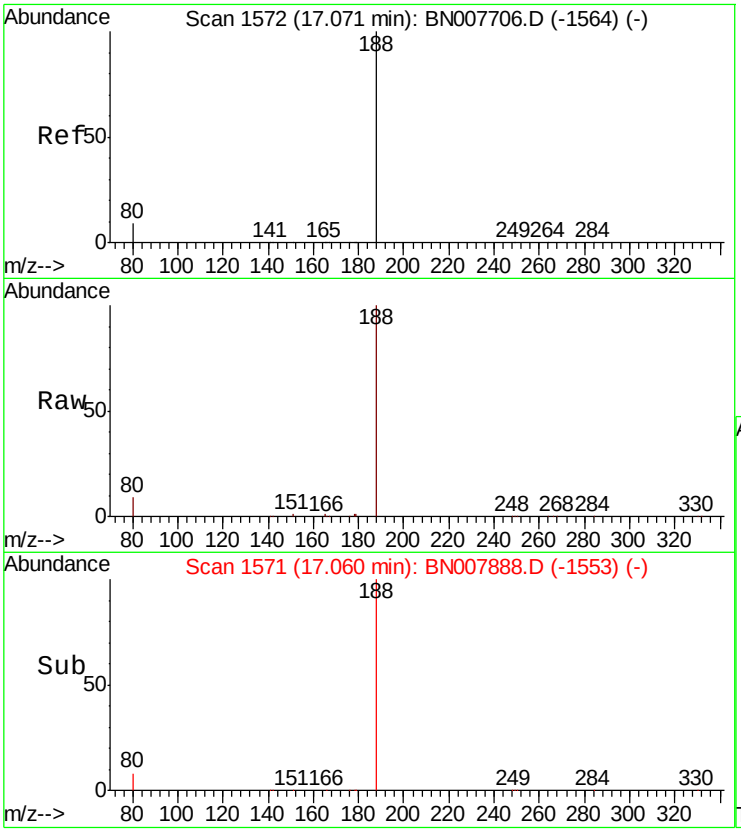


#18
Fluorene
Concen: 0.405 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:166 Resp: 36959

Ion	Ratio	Lower	Upper
166	100		
165	115.6	78.0	117.0
167	12.9	10.9	16.3



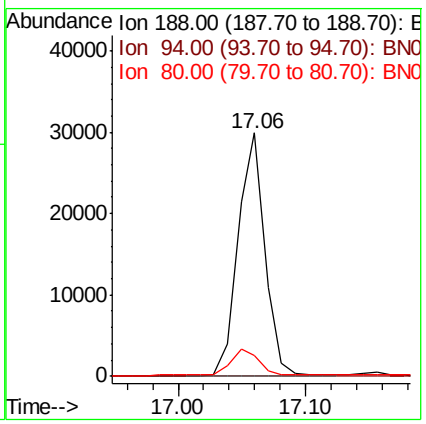


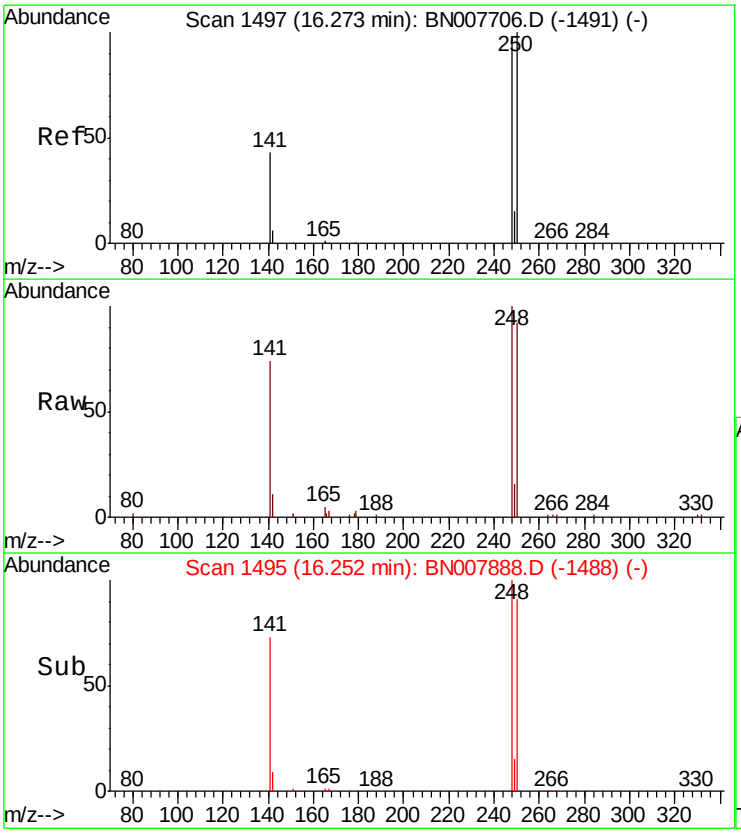
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 43619

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	7.4	11.2

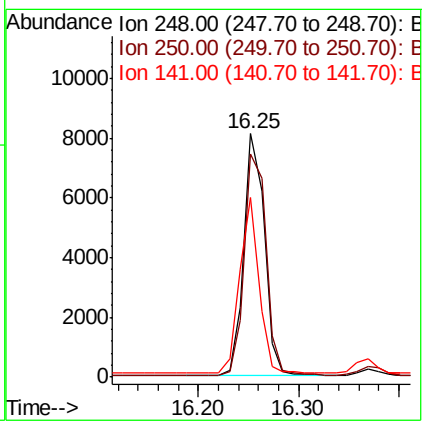


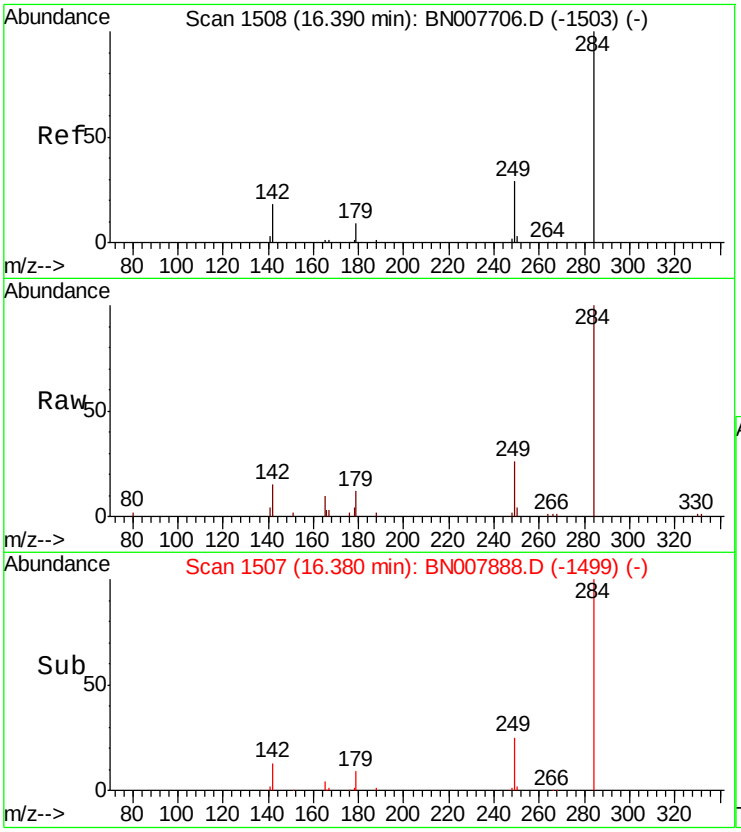


#20
4-Bromophenyl-phenylether
Concen: 0.437 ng
RT: 16.25 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:248 Resp: 11567

Ion	Ratio	Lower	Upper
248	100		
250	91.6	82.2	123.4
141	73.9	36.3	54.5#



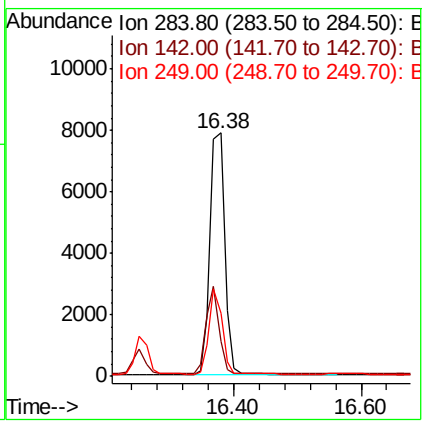


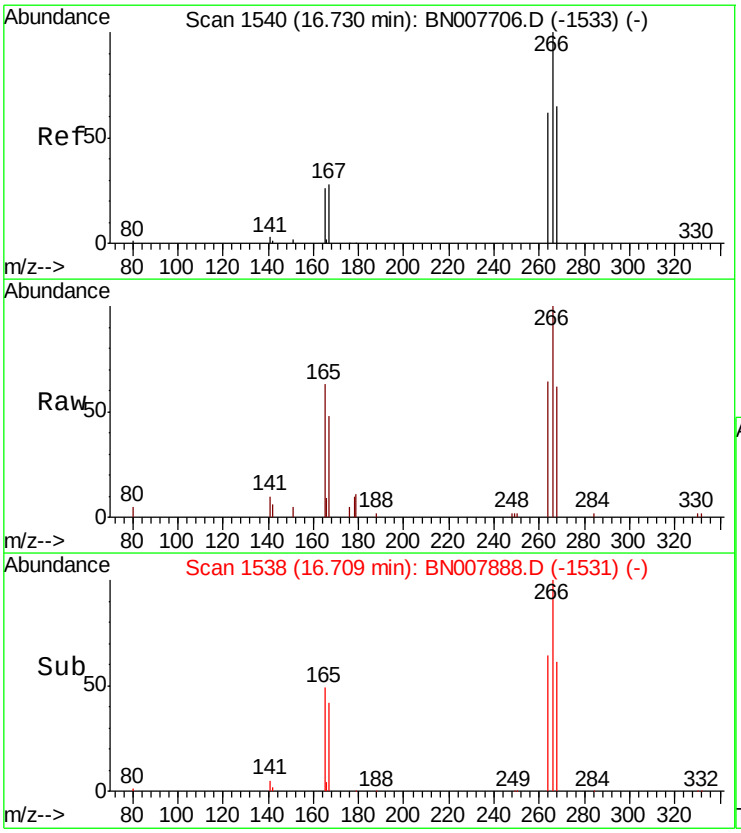
#21
Hexachlorobenzene
Concen: 0.442 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 12788

Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.8	38.6
249	30.8	25.9	38.9

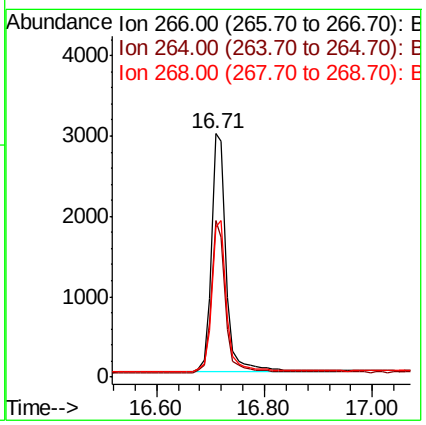


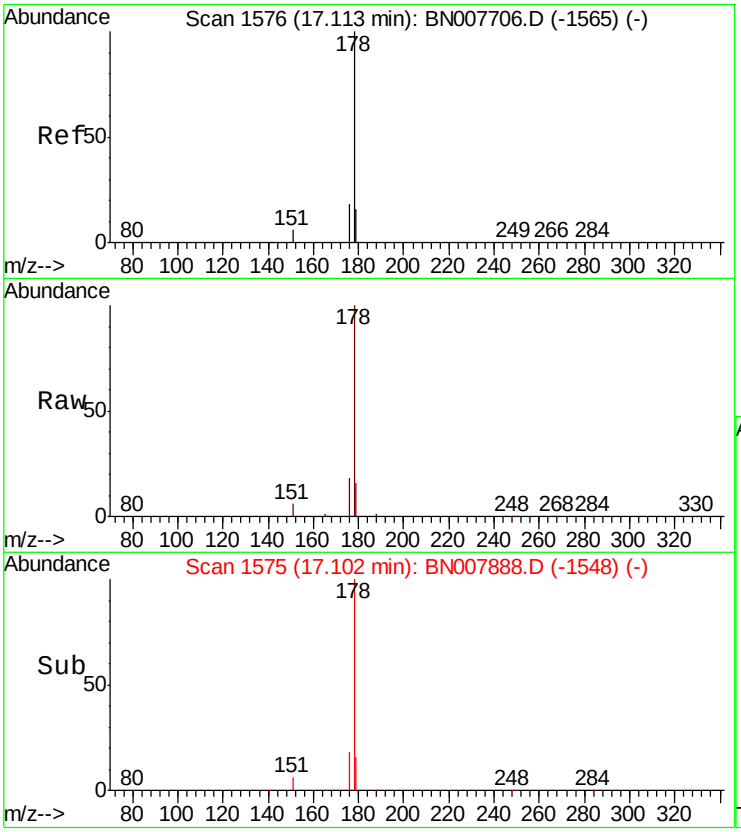


#22
Pentachlorophenol
Concen: 0.534 ng
RT: 16.71 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:266 Resp: 5699

Ion	Ratio	Lower	Upper
266	100		
264	64.4	50.0	75.0
268	61.7	54.2	81.4



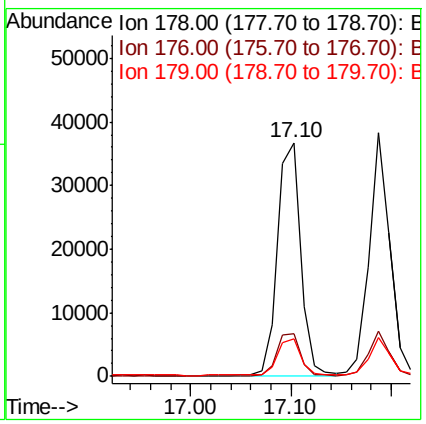


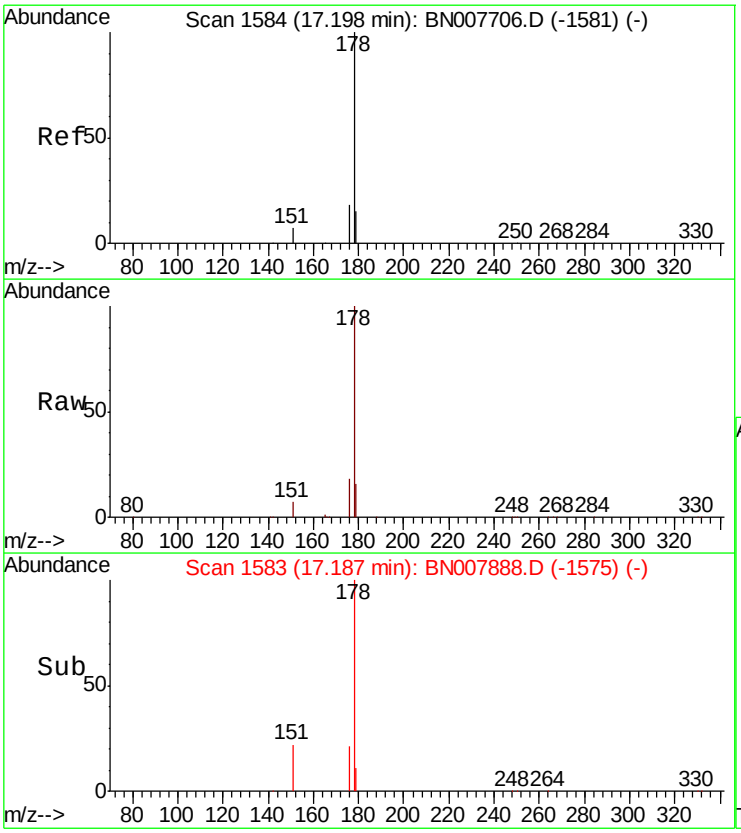
#23
Phenanthrene
Concen: 0.432 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 58720

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	16.0	12.5	18.7

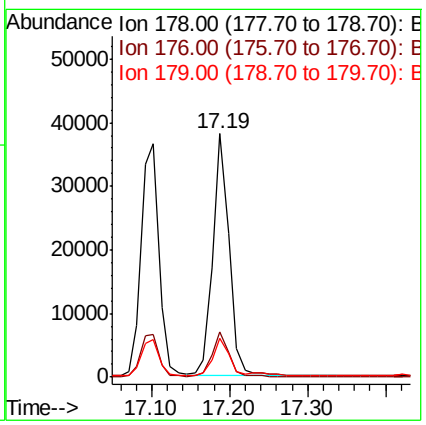


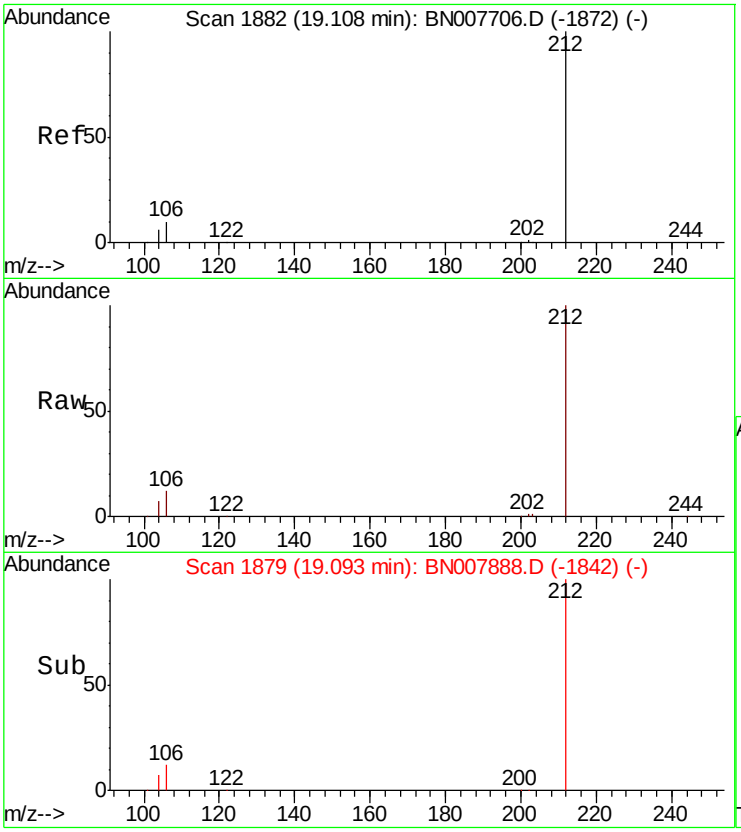


#24
Anthracene
Concen: 0.451 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:178 Resp: 55397

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	21.8
179	14.8	12.2	18.4



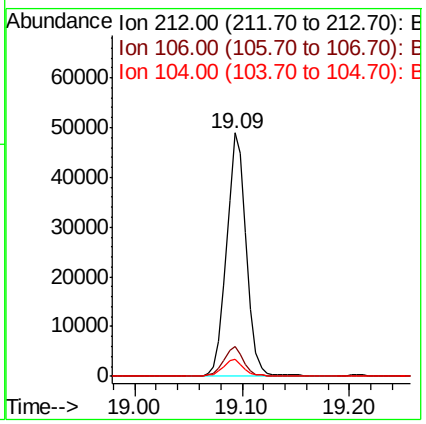


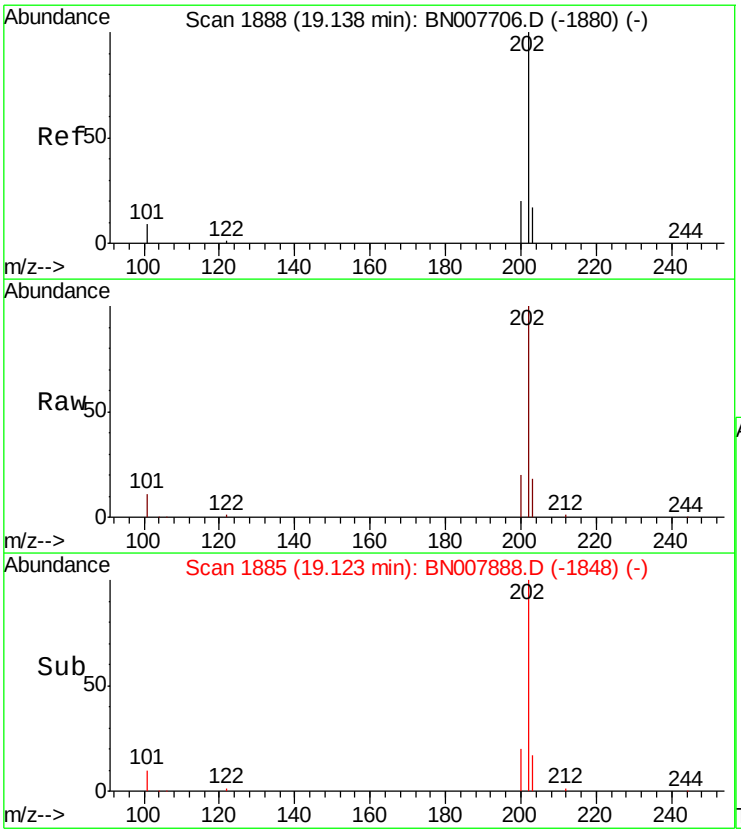
#25
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 61368

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.4	14.0
104	6.7	5.3	7.9

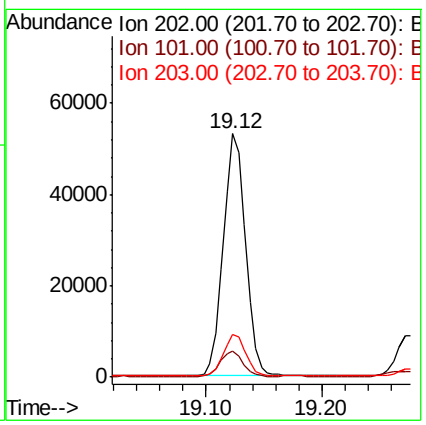


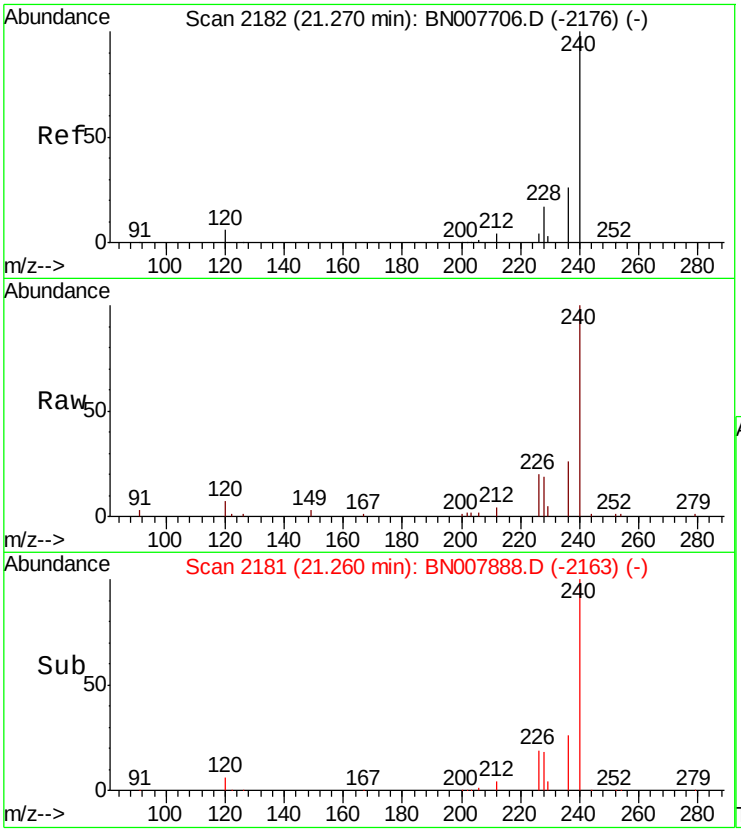


#26
Fluoranthene
Concen: 0.421 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:202 Resp: 71158

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.4	12.6
203	17.2	13.8	20.8



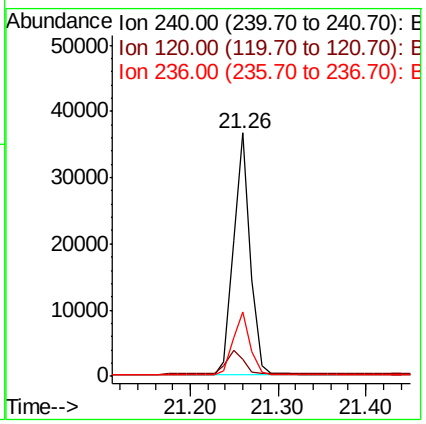


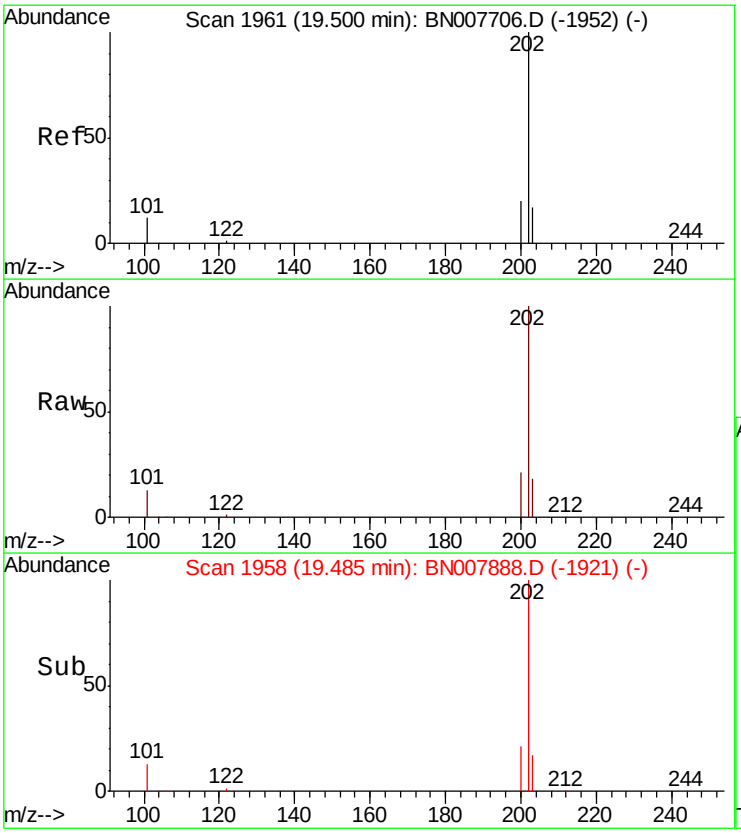
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 48105

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.4	8.2
236	26.4	21.0	31.4

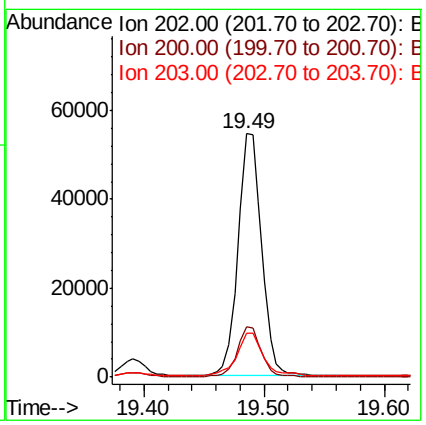


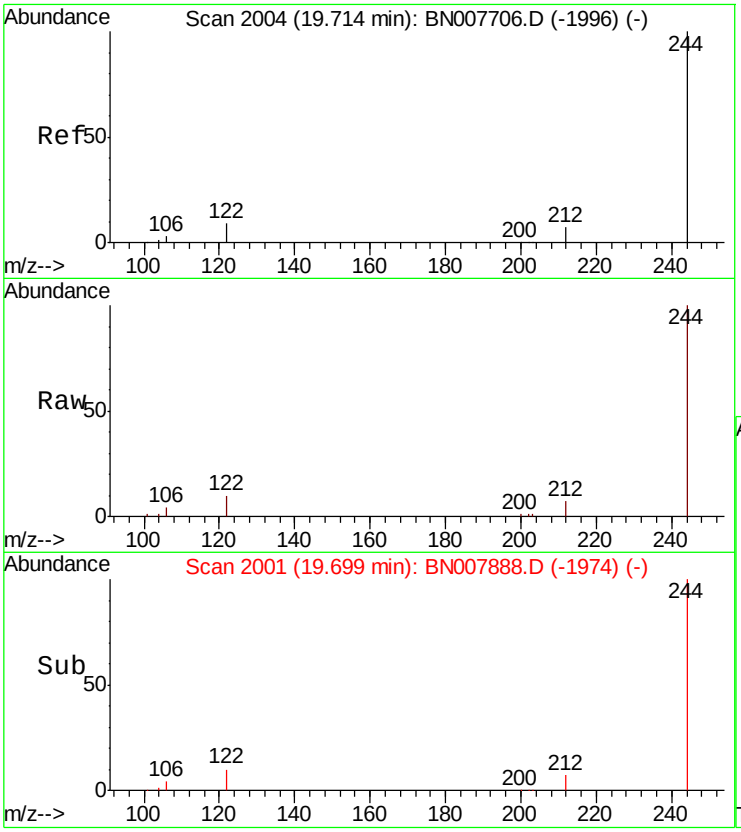


#28
Pyrene
Concen: 0.451 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:202 Resp: 74007

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	19.8	14.1	21.1



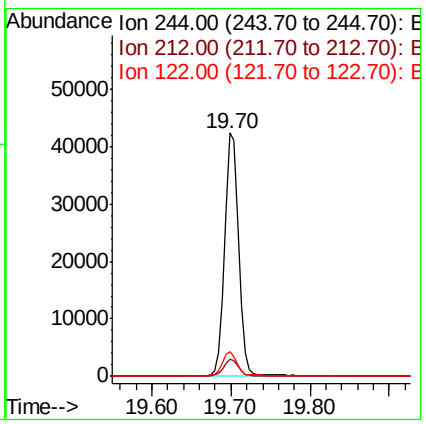


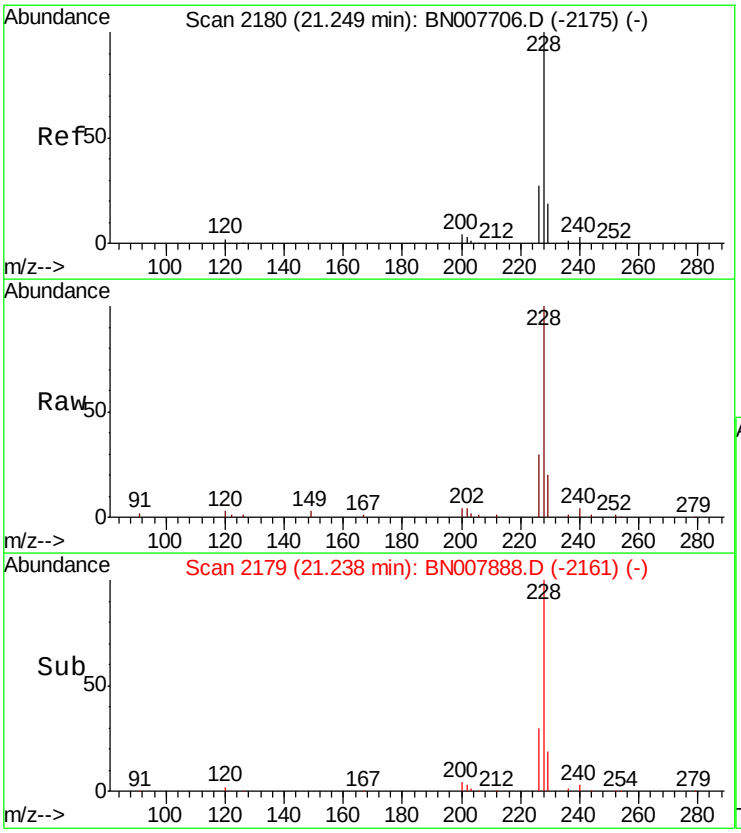
#29
Terphenyl-d14
Concen: 0.448 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 52965

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.3	7.4	11.2

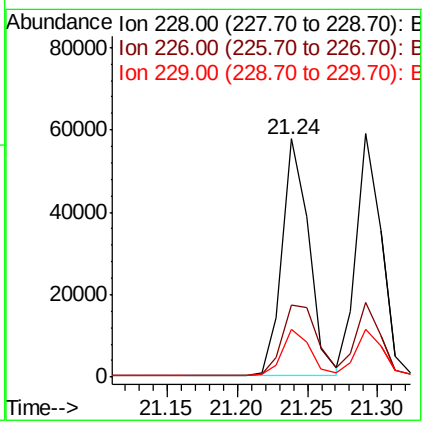


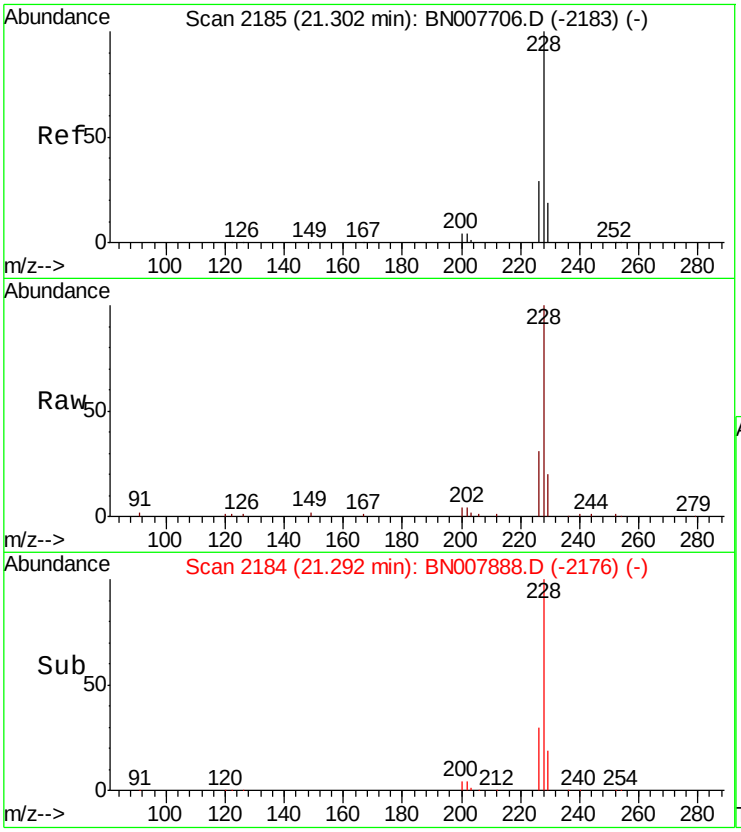


#30
Benzo(a)anthracene
Concen: 0.430 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:228 Resp: 76242

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.1	33.1
229	19.9	15.8	23.6



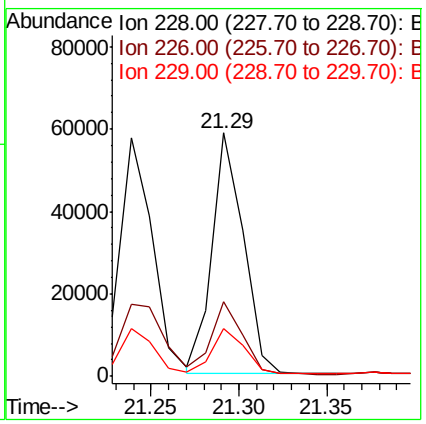


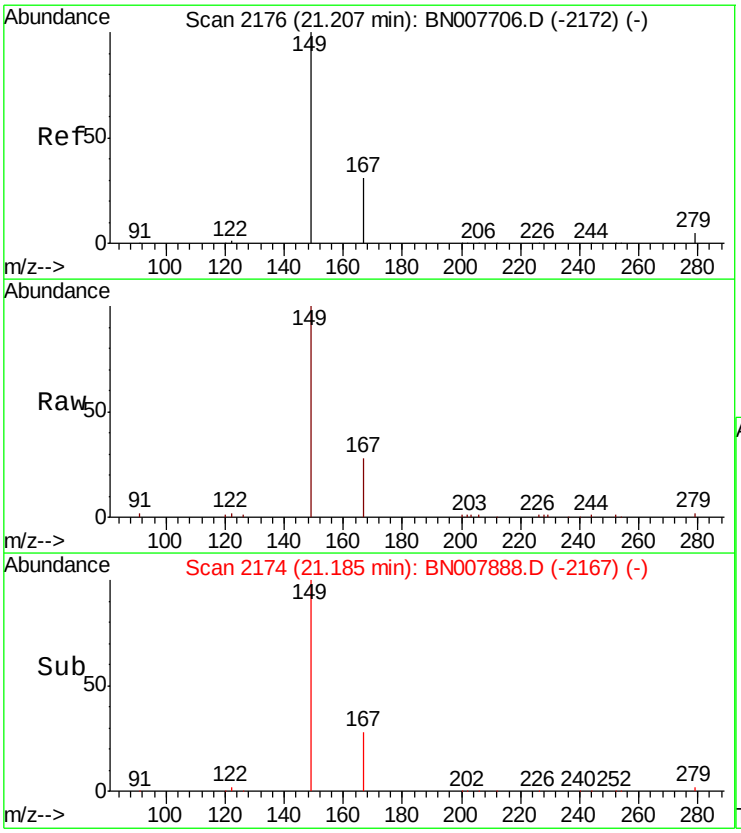
#31
Chrysene
Concen: 0.422 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 72779

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	19.9	15.8	23.6

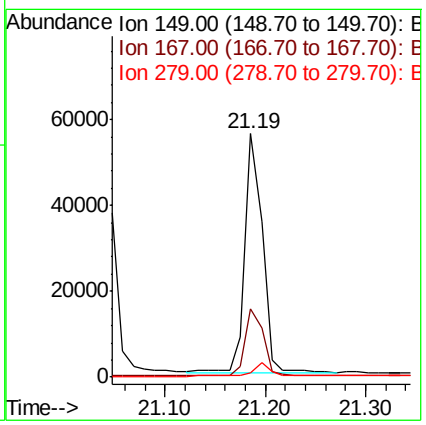


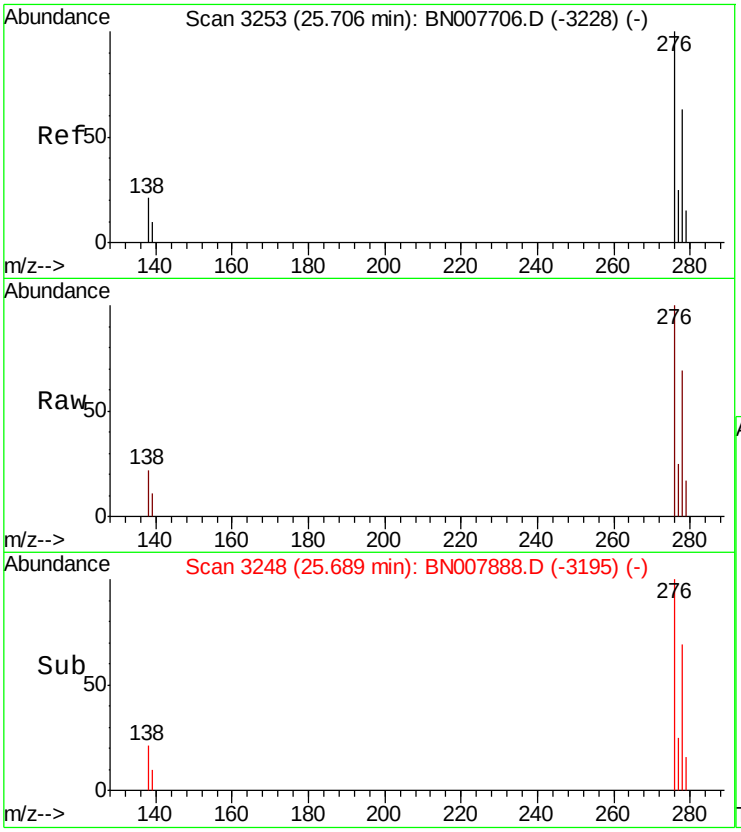


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.733 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:149 Resp: 66816

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.7	35.5
279	5.2	4.2	6.2



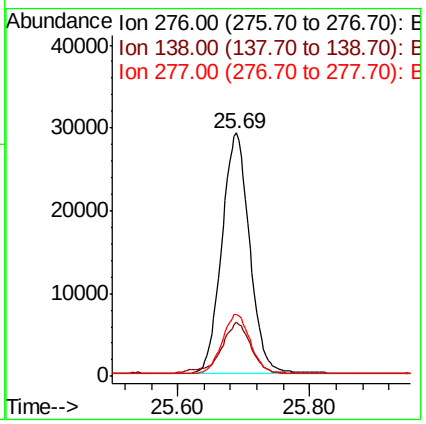


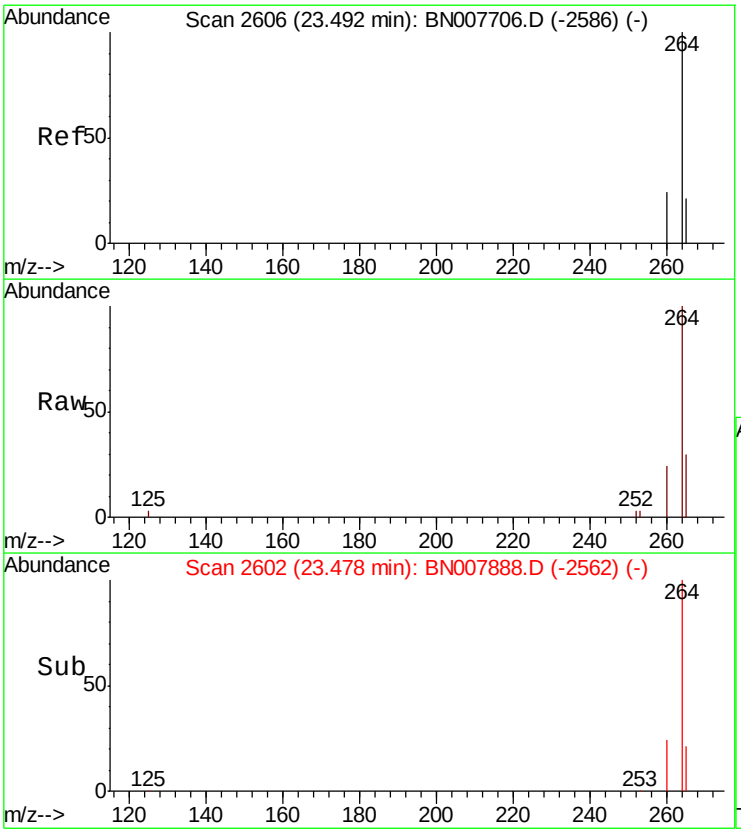
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng
RT: 25.69 min Scan# 3248
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 84583

Ion	Ratio	Lower	Upper
276	100		
138	22.8	17.1	25.7
277	24.9	20.0	30.0

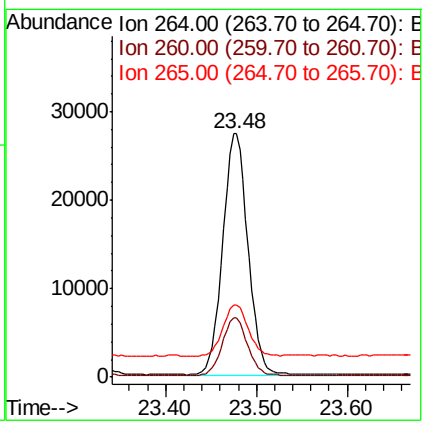


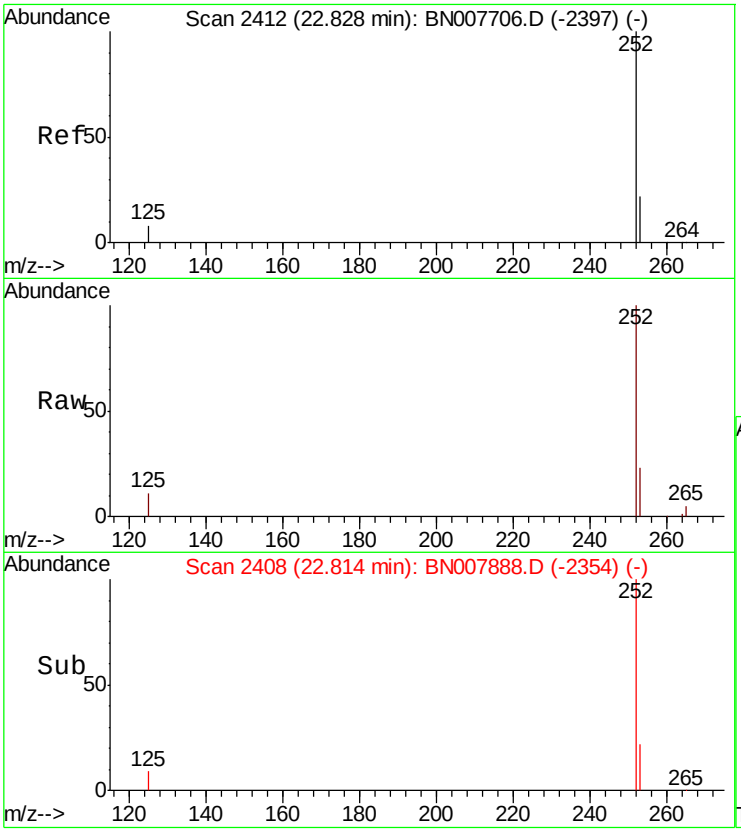


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:264 Resp: 52402

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	29.7	26.9	40.3



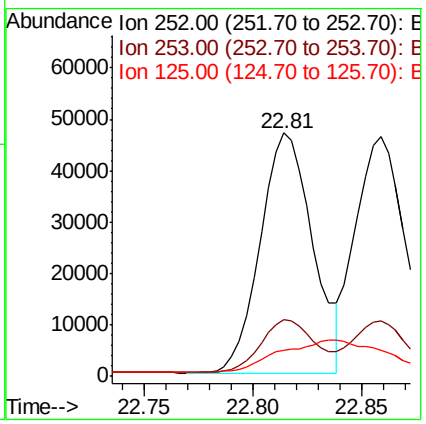


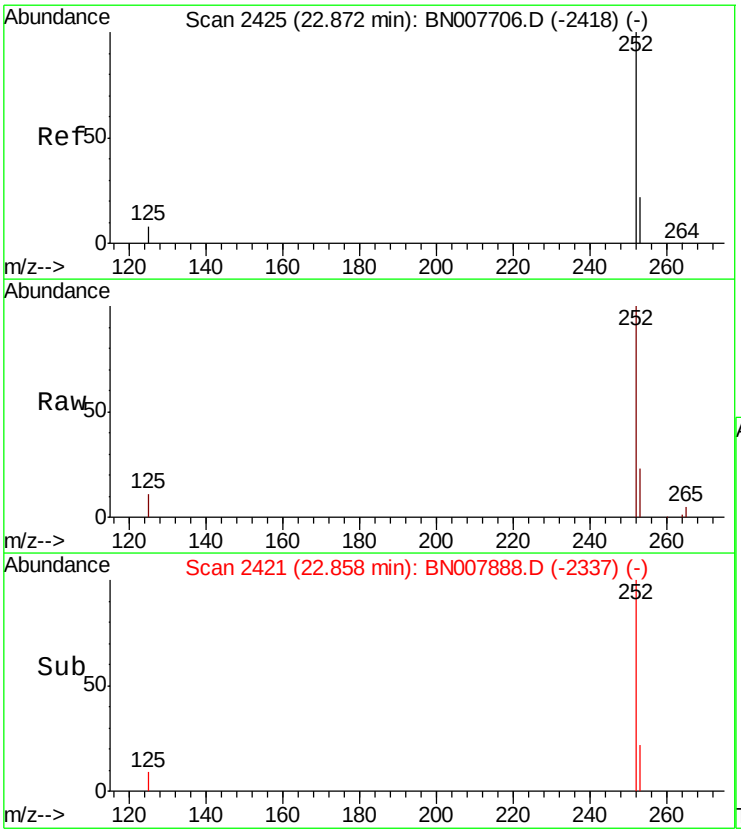
#35
Benzo(b)fluoranthene
Concen: 0.429 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 78062

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	10.9	8.2	12.4

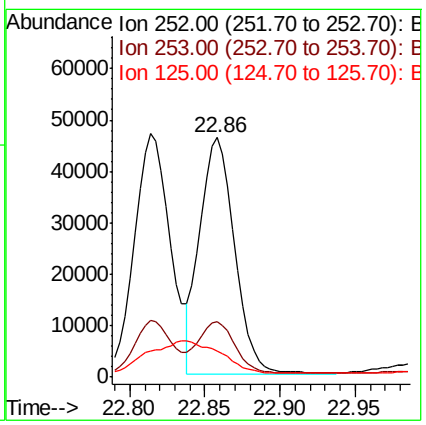


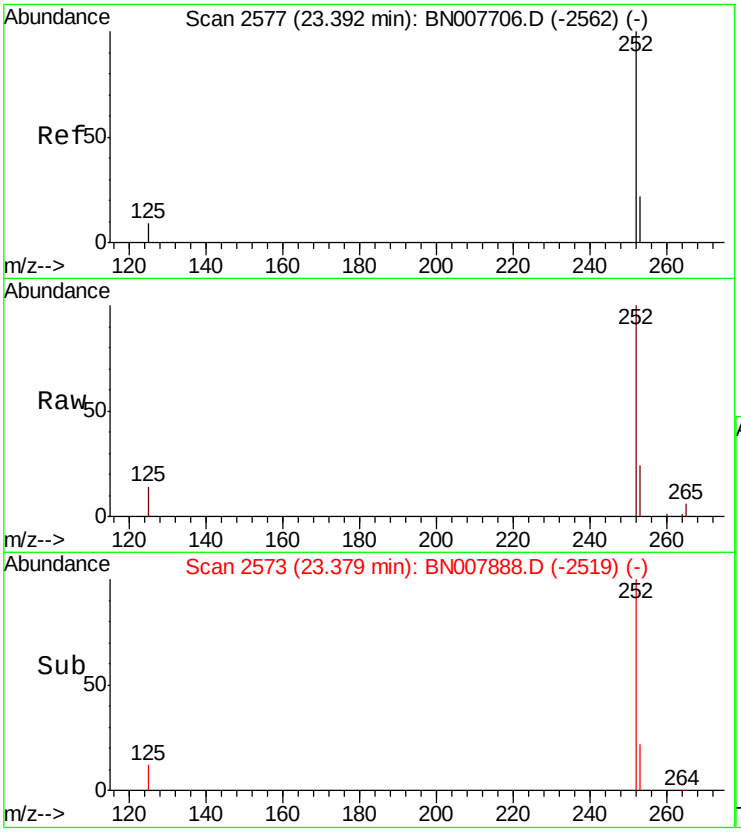


#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 22.86 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:252 Resp: 74122

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	11.1	8.4	12.6



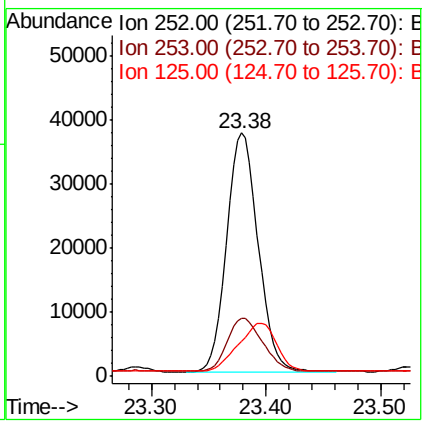


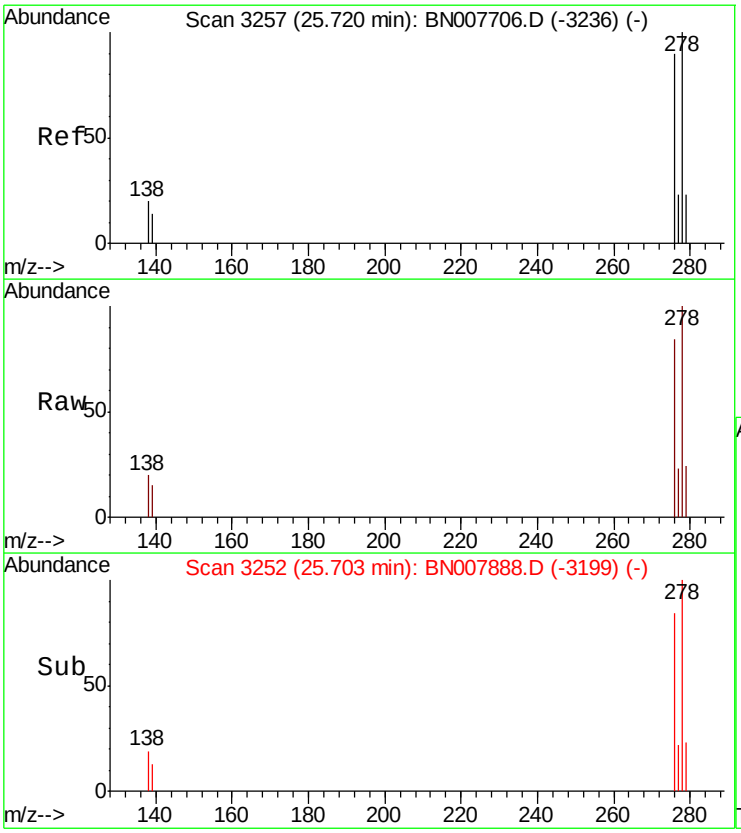
#37
Benzo(a)pyrene
Concen: 0.421 ng
RT: 23.38 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 71964

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.6	27.8
125	14.3	9.4	14.0#

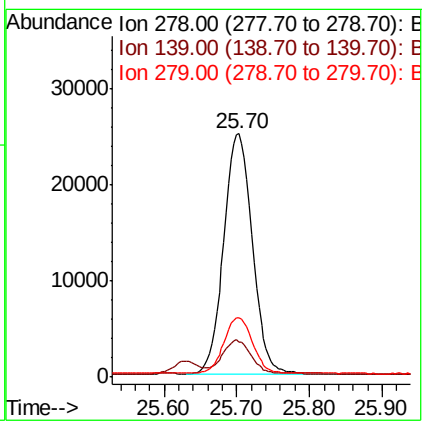


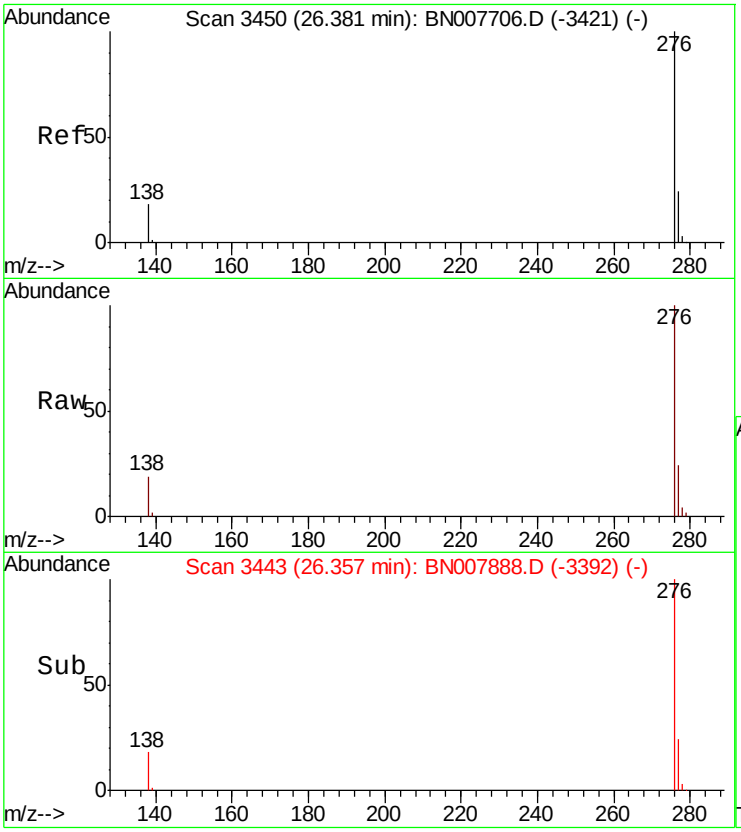


#38
Dibenzo(a,h)anthracene
Concen: 0.391 ng
RT: 25.70 min Scan# 3252
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Tgt Ion:278 Resp: 68388

Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.8	17.6
279	24.4	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.406 ng
RT: 26.36 min Scan# 3443
Delta R.T. -0.02 min
Lab File: BN007888.D
Acq: 27 Sep 2019 16:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 70338

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	19.4	15.1	22.7