Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
Data File : BN007743.D
Acq On : 19 Sep 2019 16:24
Operator : HP/JU
Sample : PB123061BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 20 01:48:48 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	7.70	152	10912	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	44282	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	24535	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	59317	0.40	ng		0.00
27) Chrysene-d12	21.26	240	76150	0.40	ng		0.00
34) Perylene-d12	23.49	264	74131	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	10188	0.27	ng		0.00
5) Phenol-d6	6.87	99	13849	0.29	ng		0.00
8) Nitrobenzene-d5	8.83	82	12398	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	12.06	152	25915	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	3416	0.26	ng		0.00
15) 2-Fluorobiphenyl	12.95	172	38329	0.38	ng		0.00
25) Fluoranthene-d10	19.10	212	66704	0.33	ng		0.00
29) Terphenyl-d14	19.71	244	55807	0.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	4107	0.338	ng	#	83
3) n-Nitrosodimethylamine	3.01	42	1913	0.343	ng	#	88
6) bis(2-Chloroethyl)ether	7.14	93	10899	0.353	ng		98
9) Naphthalene	10.52	128	44646	0.359	ng		99
10) Hexachlorobutadiene	10.82	225	8796	0.336	ng	#	99
12) 2-Methylnaphthalene	12.13	142	29756	0.354	ng		100
16) Acenaphthylene	14.04	152	44291	0.340	ng		100
17) Acenaphthene	14.39	154	28904	0.345	ng		98
18) Fluorene	15.38	166	37258	0.347	ng		100
20) 4-Bromophenyl-phenylether	16.27	248	11997	0.333	ng		95
21) Hexachlorobenzene	16.39	284	13410	0.341	ng		98
22) Pentachlorophenol	16.73	266	8102	0.558	ng		97
23) Phenanthrene	17.11	178	63967	0.346	ng		100
24) Anthracene	17.19	178	54045	0.324	ng		100
26) Fluoranthene	19.13	202	78230	0.340	ng		100
28) Pyrene	19.50	202	88258	0.340	ng		100
30) Benzo(a)anthracene	21.25	228	83947	0.299	ng		98
31) Chrysene	21.30	228	87958	0.322	ng		99
32) Bis(2-ethylhexyl)phthalate	21.20	149	28692	0.199	ng		99
33) Indeno(1,2,3-cd)pyrene	25.70	276	104138	0.304	ng		99
35) Benzo(b)fluoranthene	22.82	252	84865	0.330	ng		98
36) Benzo(k)fluoranthene	22.87	252	89638	0.352	ng		99
37) Benzo(a)pyrene	23.39	252	76959	0.318	ng		98
38) Dibenzo(a,h)anthracene	25.71	278	83861	0.339	ng		99
39) Benzo(g,h,i)perylene	26.37	276	80511	0.329	ng		98

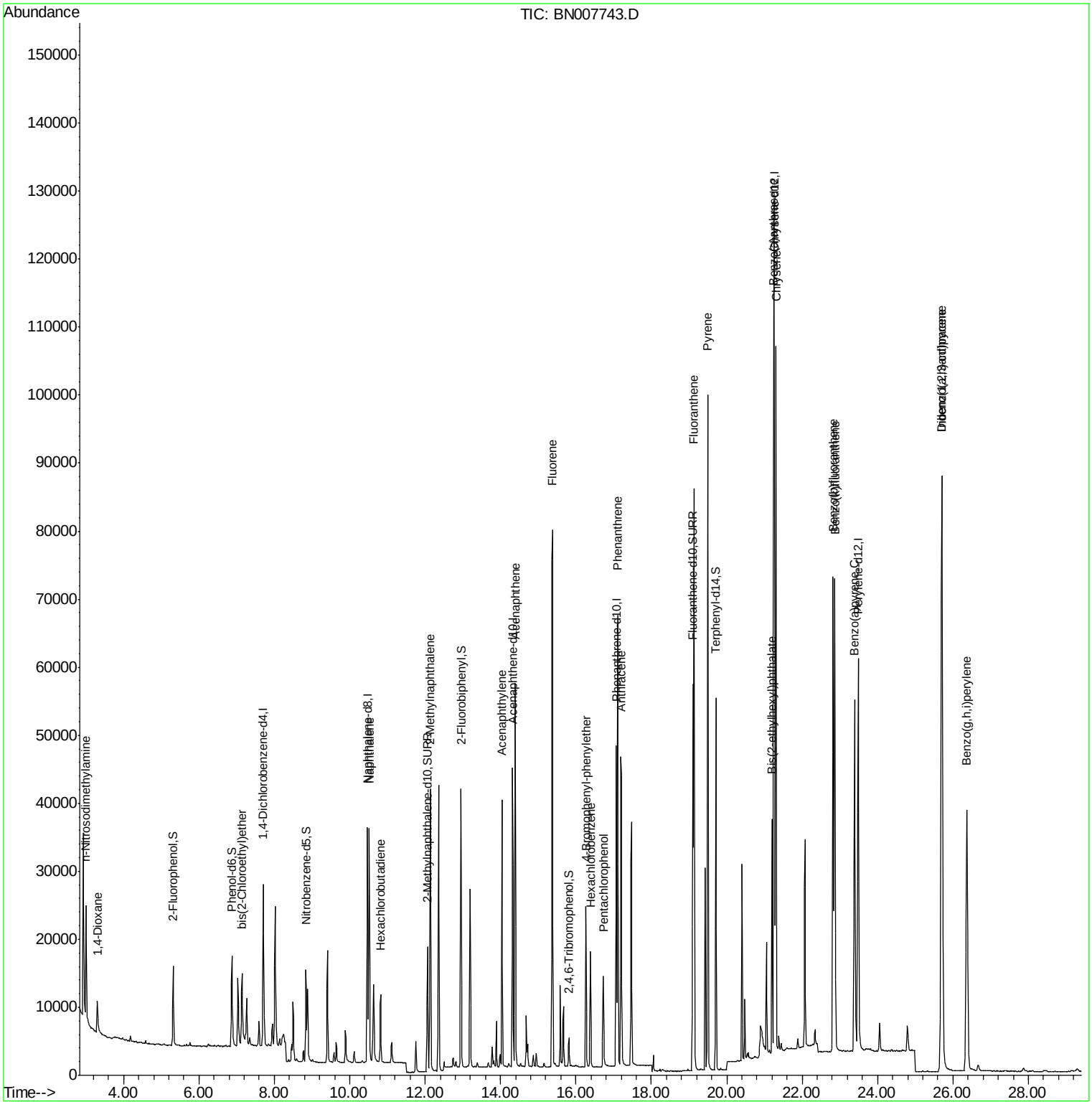
(#) = qualifier out of range (m) = manual integration (+) = signals summed

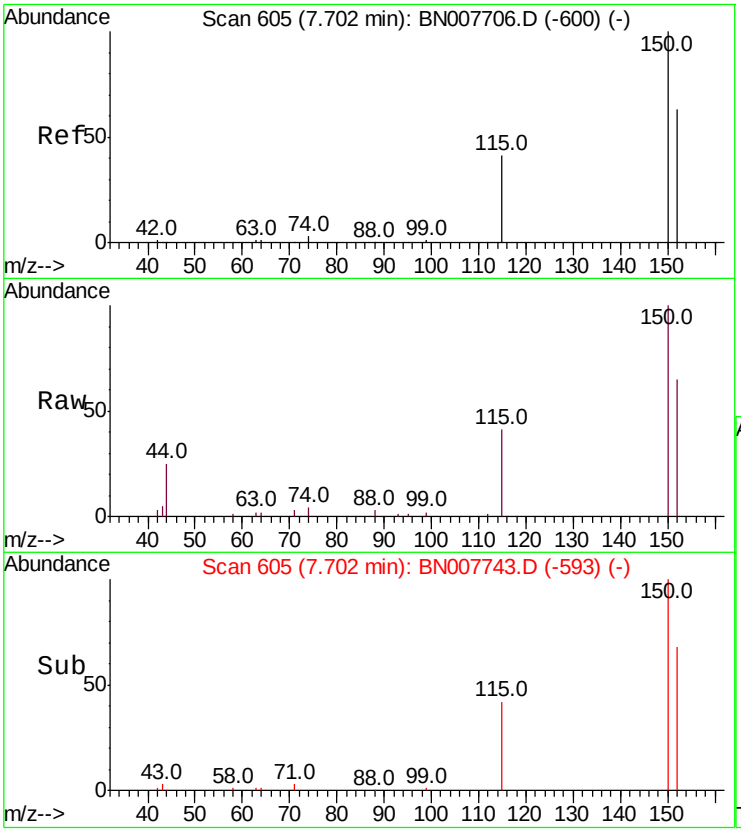
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
Data File : BN007743.D
Acq On : 19 Sep 2019 16:24
Operator : HP/JU
Sample : PB123061BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 20 01:48:48 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



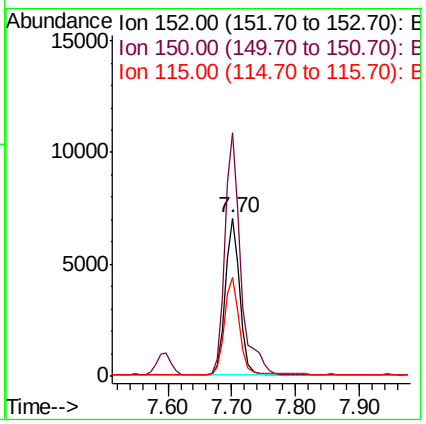


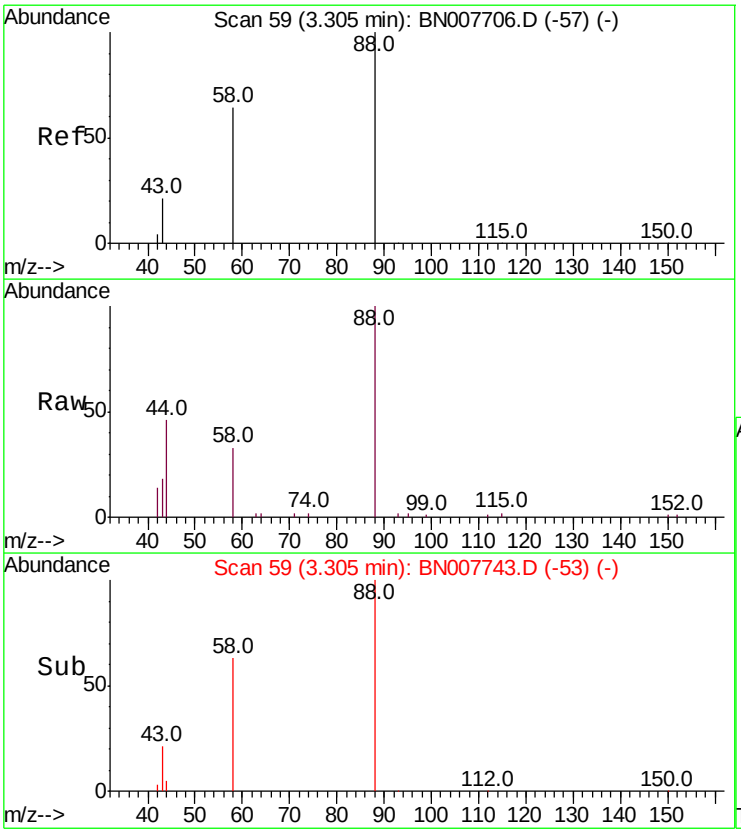
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10912

Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.6	188.4
115	62.6	53.3	79.9

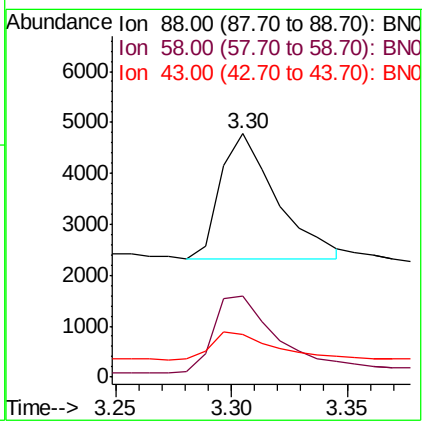


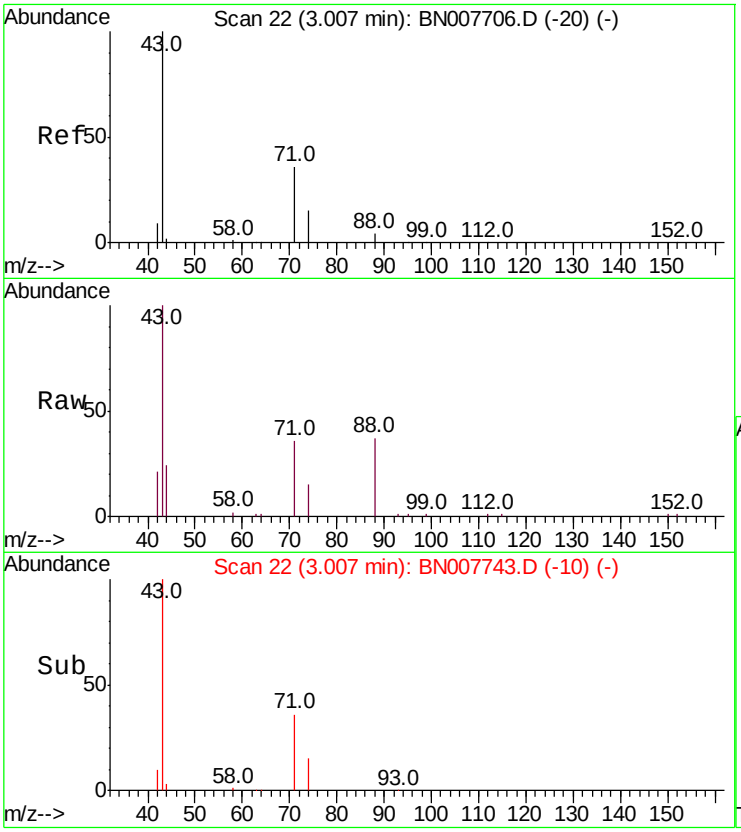


#2
1,4-Dioxane
Concen: 0.338 ng
RT: 3.30 min Scan# 59
Delta R.T. 0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion: 88 Resp: 4107

Ion	Ratio	Lower	Upper
88	100		
58	68.8	44.6	66.8#
43	25.0	14.4	21.6#



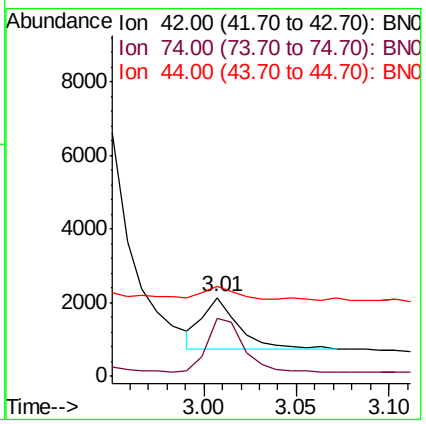


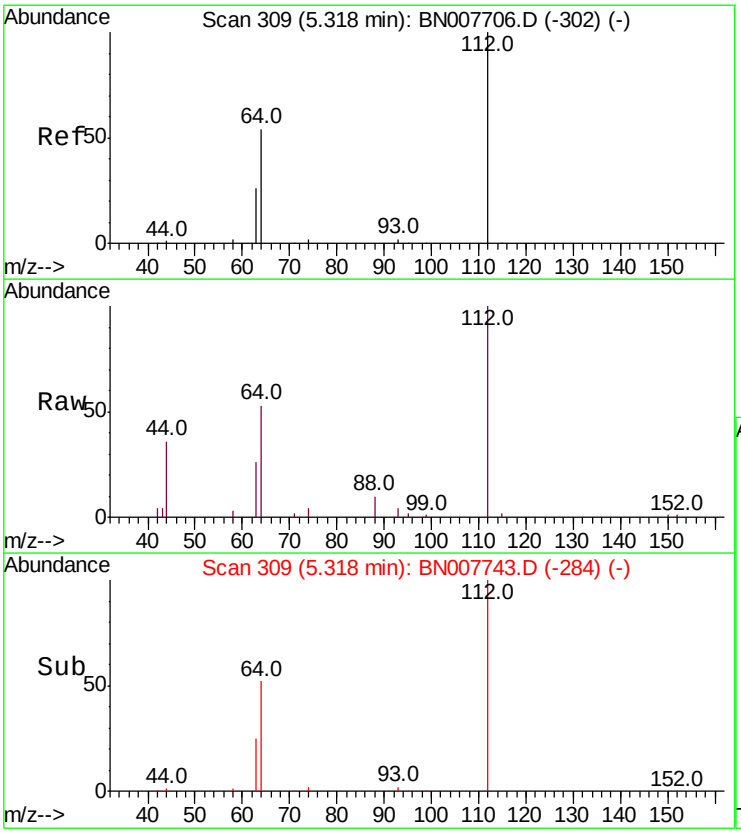
#3
n-Nitrosodimethylamine
Concen: 0.343 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1913

Ion	Ratio	Lower	Upper
42	100		
74	102.1	87.9	131.9
44	20.5	29.4	44.0#

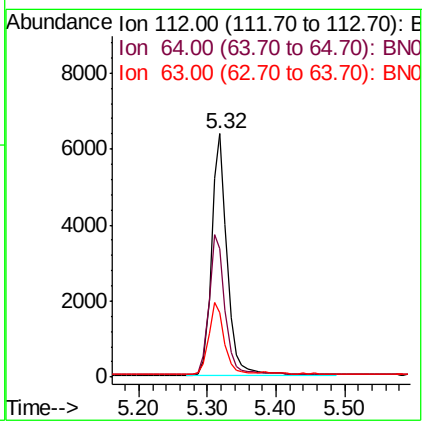


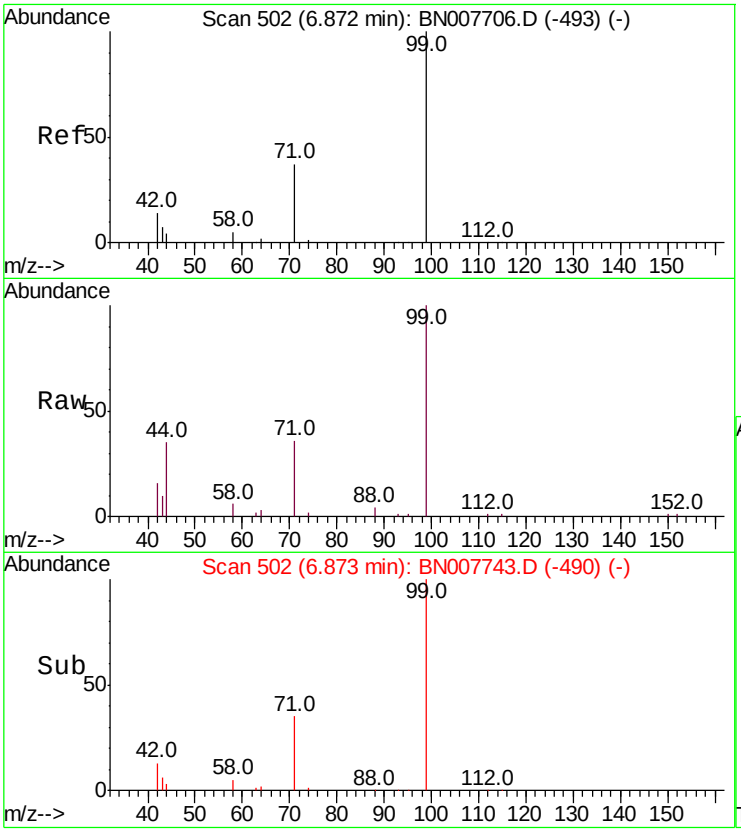


#4
2-Fluorophenol
Concen: 0.271 ng
RT: 5.32 min Scan# 309
Delta R.T. 0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:112 Resp: 10188

Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.6	70.0
63	29.3	23.1	34.7



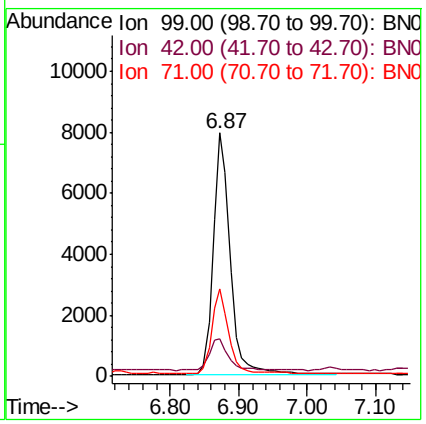


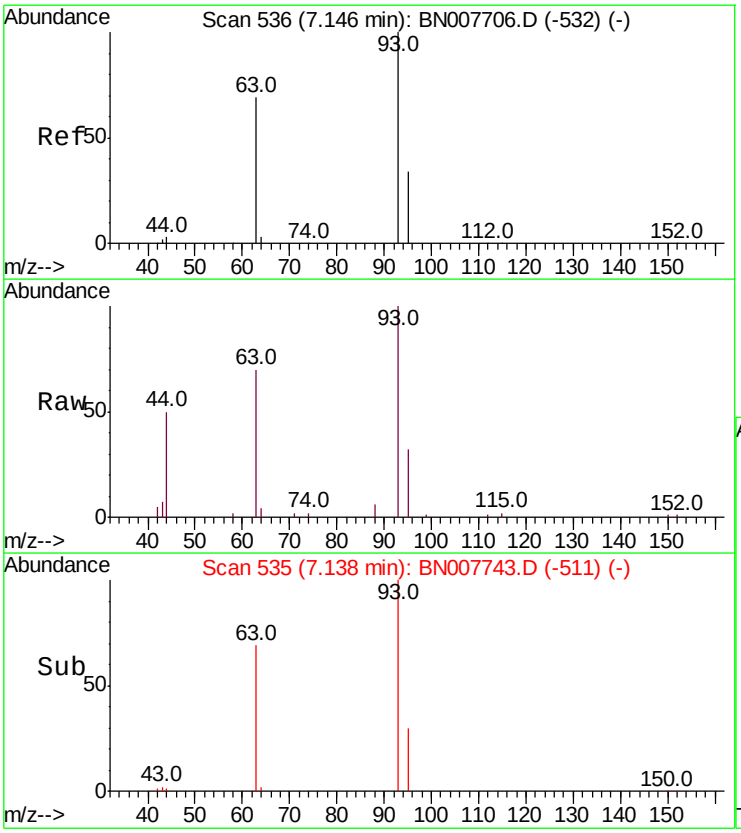
#5
Phenol-d6
Concen: 0.294 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 13849

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.8	19.2
71	35.2	27.6	41.4

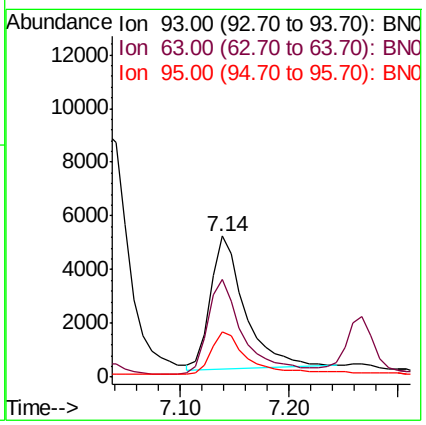


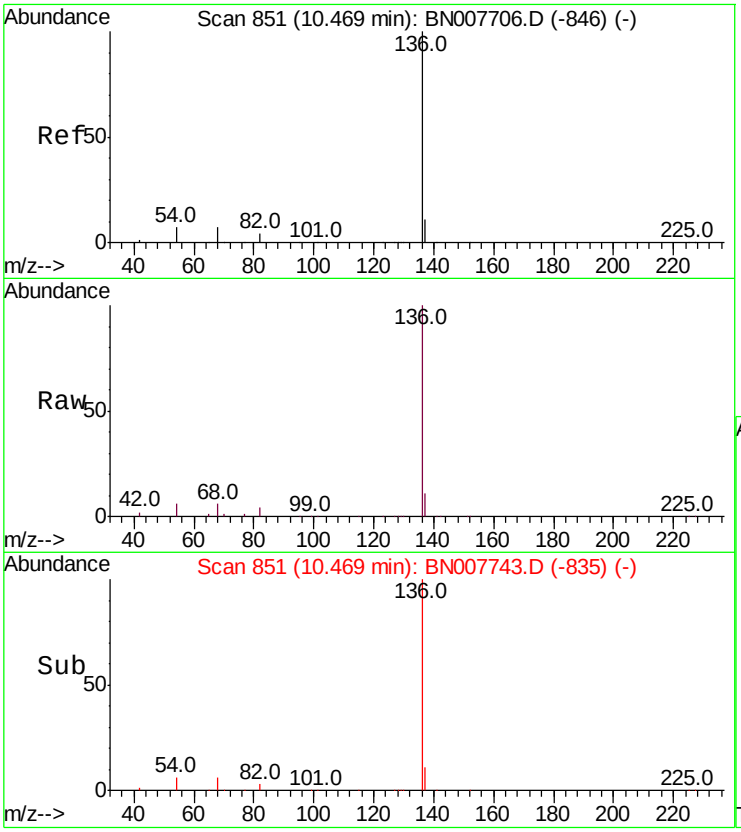


#6
bis(2-Chloroethyl)ether
Concen: 0.353 ng
RT: 7.14 min Scan# 535
Delta R.T. -0.01 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion: 93 Resp: 10899

Ion	Ratio	Lower	Upper
93	100		
63	75.2	59.3	88.9
95	36.7	31.4	47.0



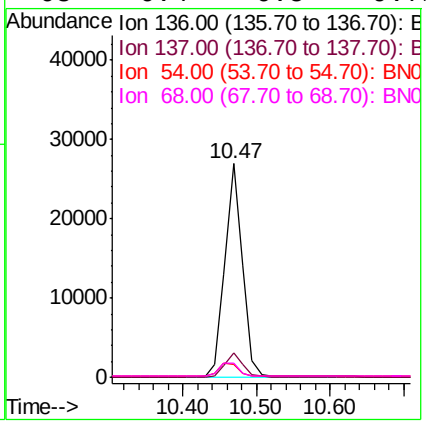


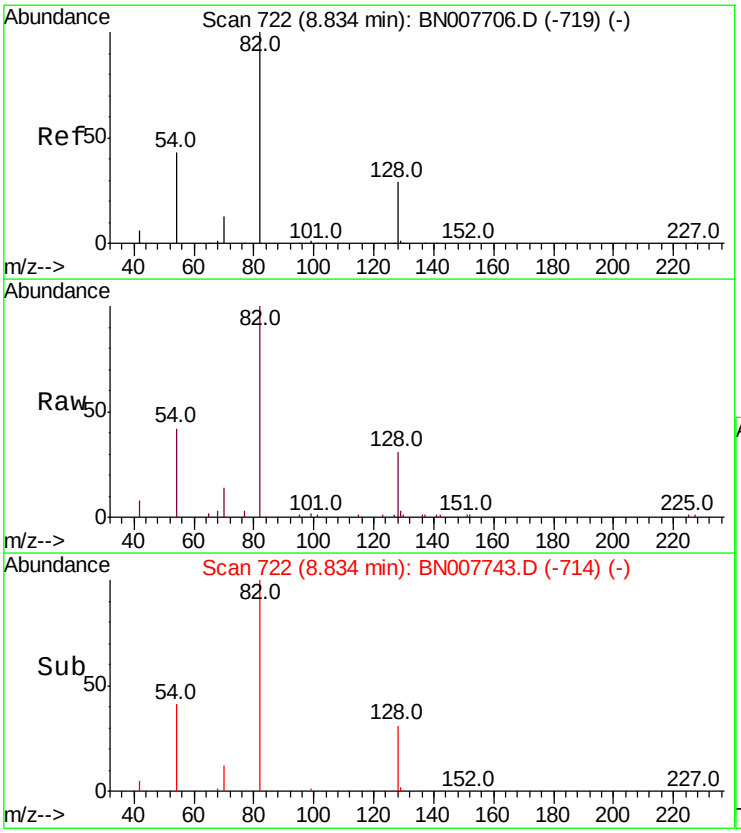
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 851
Delta R.T. 0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 44282

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	5.8	5.8	8.8#
68	6.4	6.5	9.7#

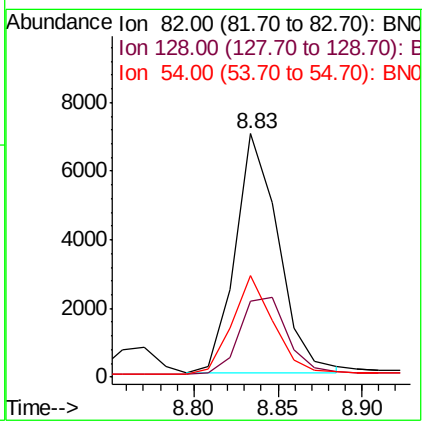


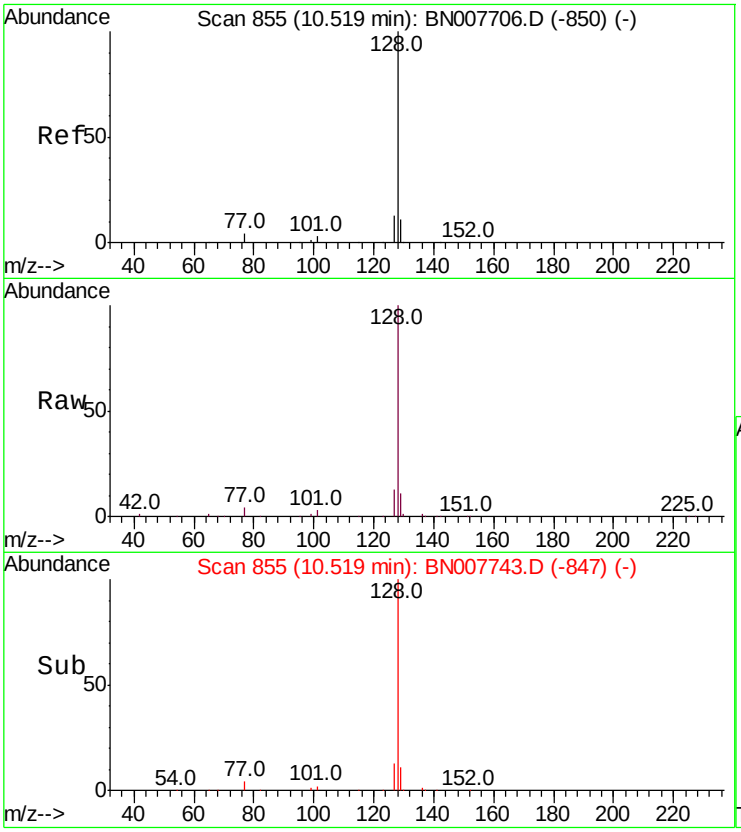


#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 8.83 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion: 82 Resp: 12398

Ion	Ratio	Lower	Upper
82	100		
128	31.2	24.5	36.7
54	41.7	35.2	52.8



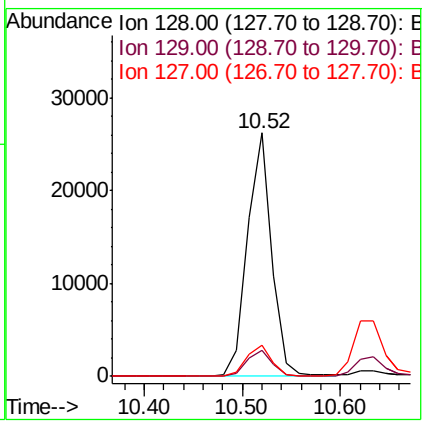


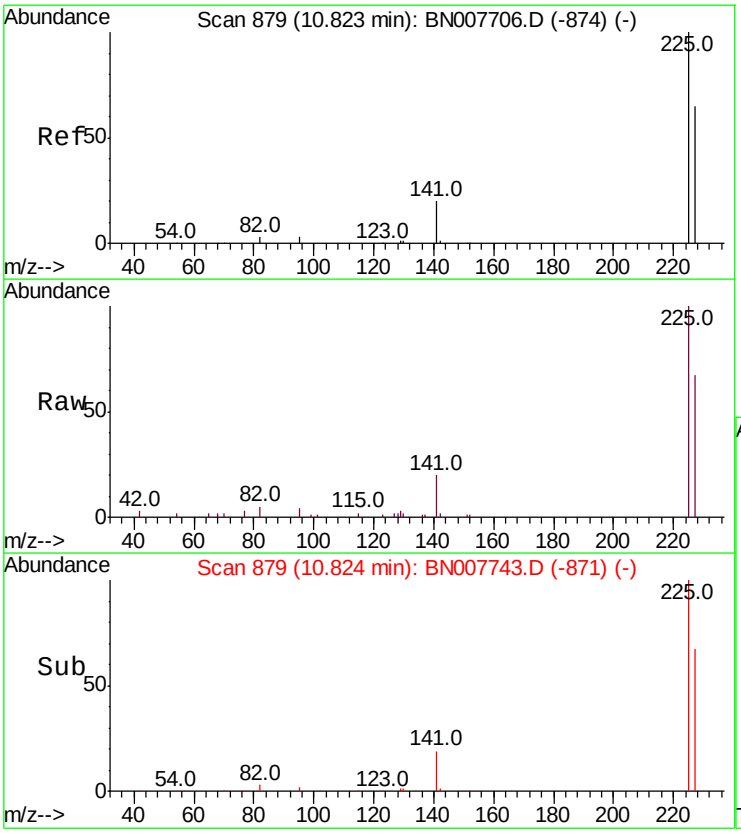
#9
Naphthalene
Concen: 0.359 ng
RT: 10.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 44646

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	12.9	10.6	15.8

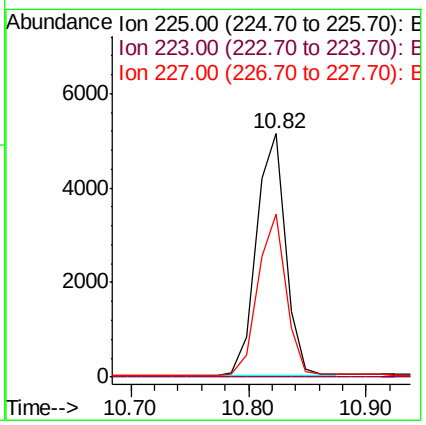


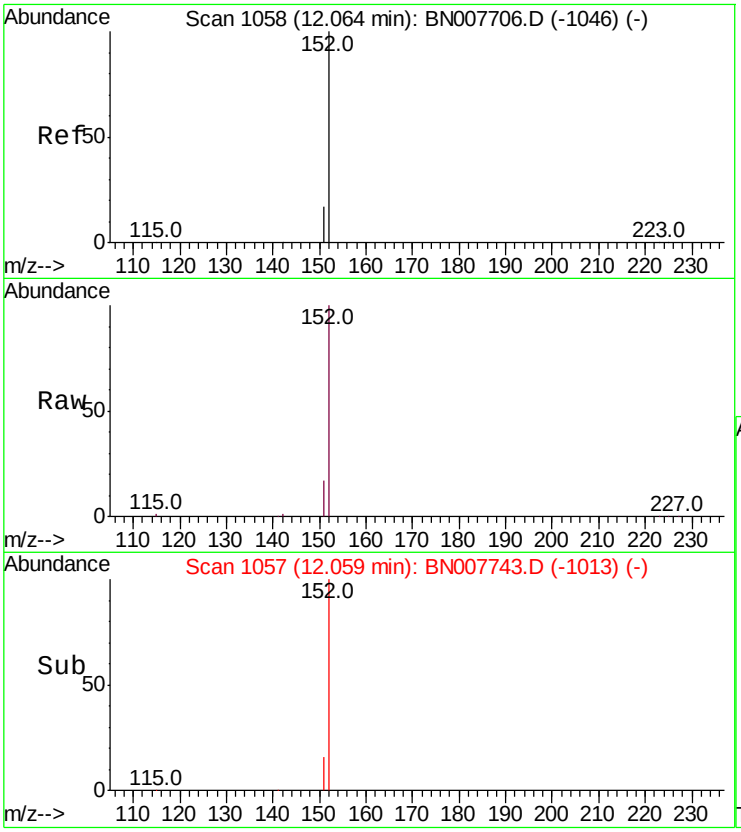


#10
Hexachlorobutadiene
Concen: 0.336 ng
RT: 10.82 min Scan# 879
Delta R.T. 0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:225 Resp: 8796

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	51.2	76.8



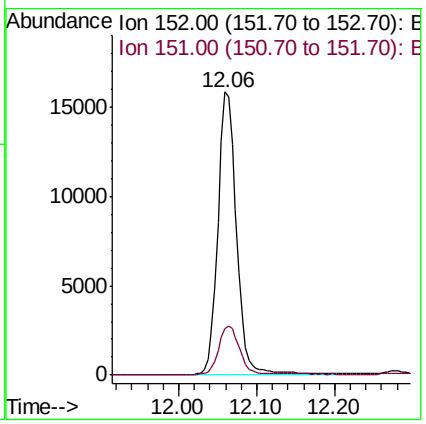


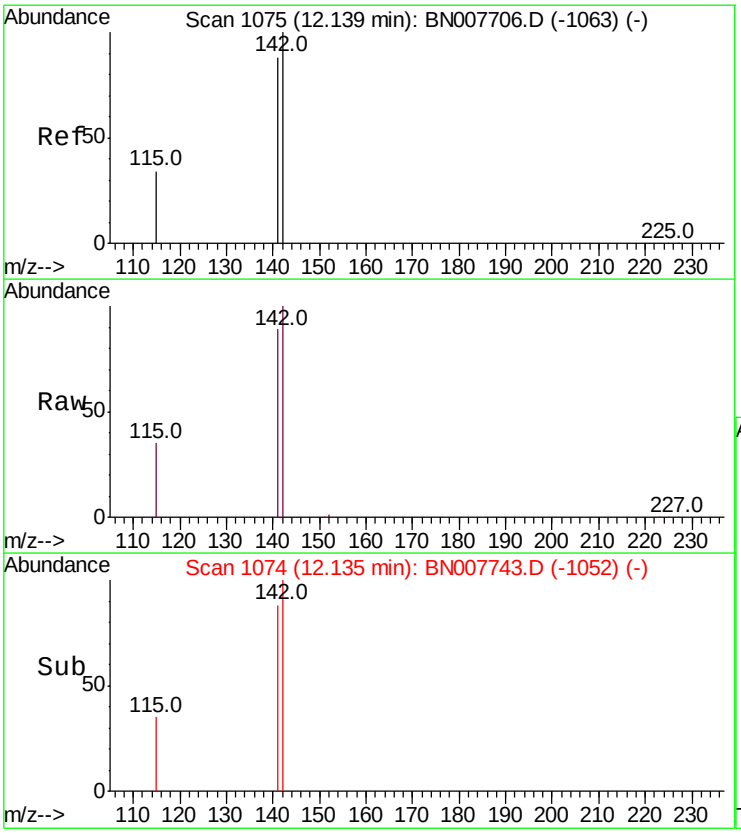
#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.06 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 25915

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2

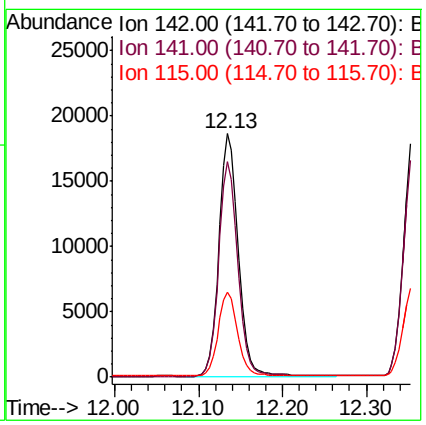


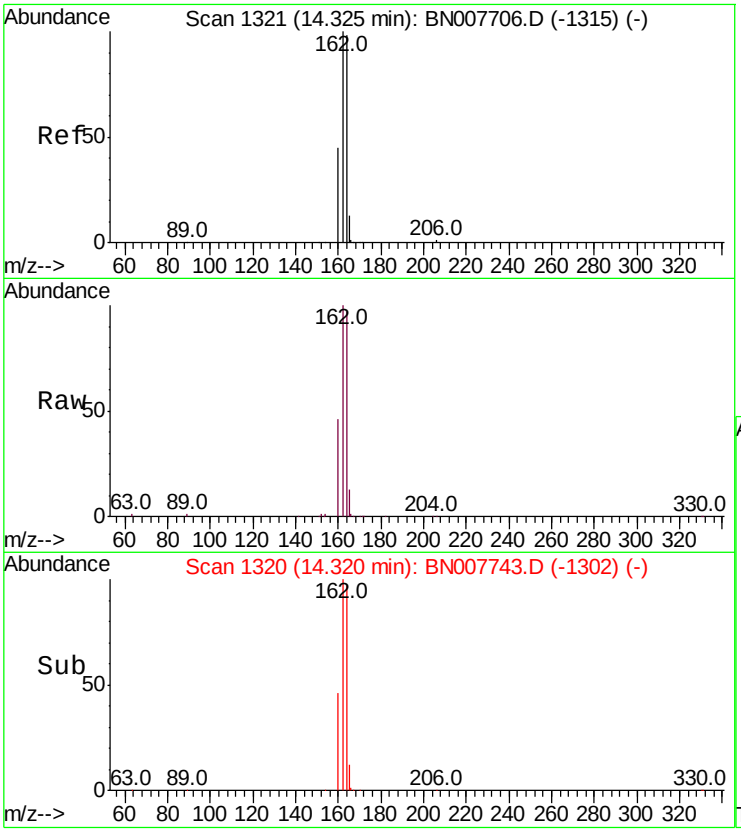


#12
2-Methylnaphthalene
Concen: 0.354 ng
RT: 12.13 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:142 Resp: 29756

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.6	106.0
115	35.1	28.3	42.5



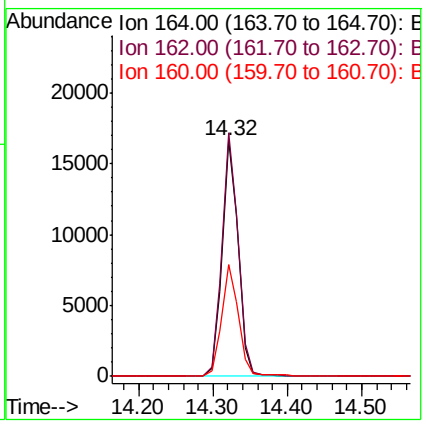


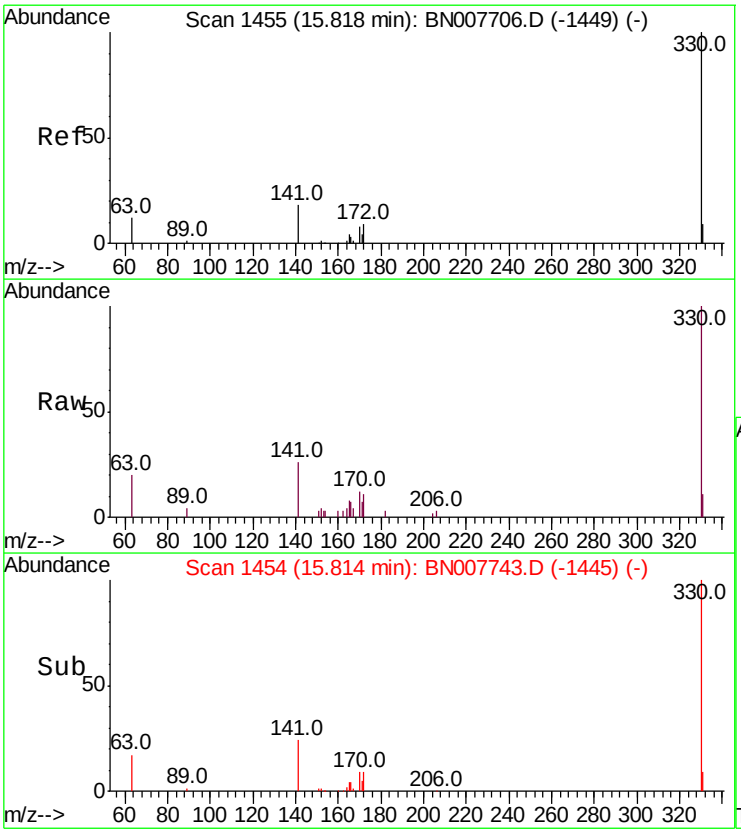
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 24535

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.7	122.5
160	47.6	37.0	55.4

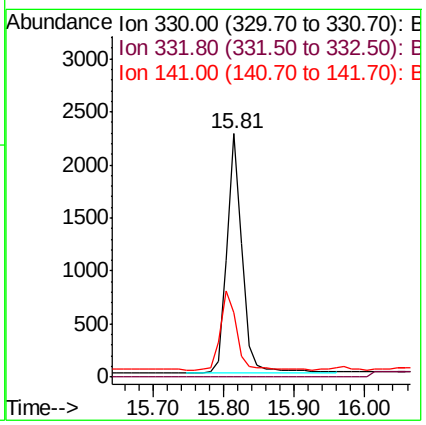


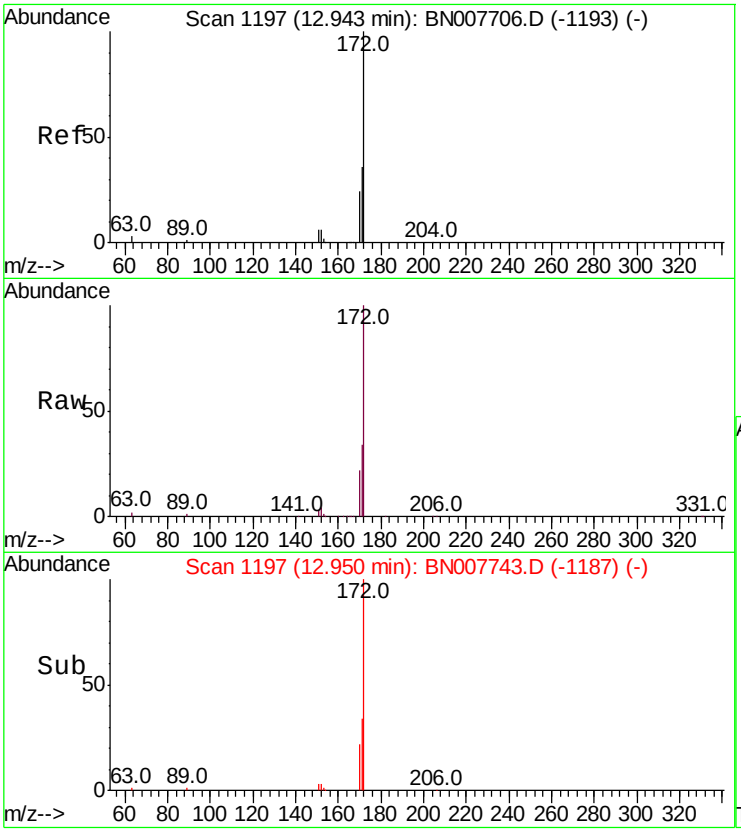


#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:330 Resp: 3416

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.0	28.7	43.1



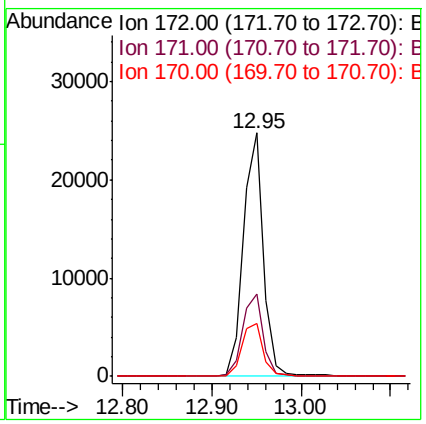


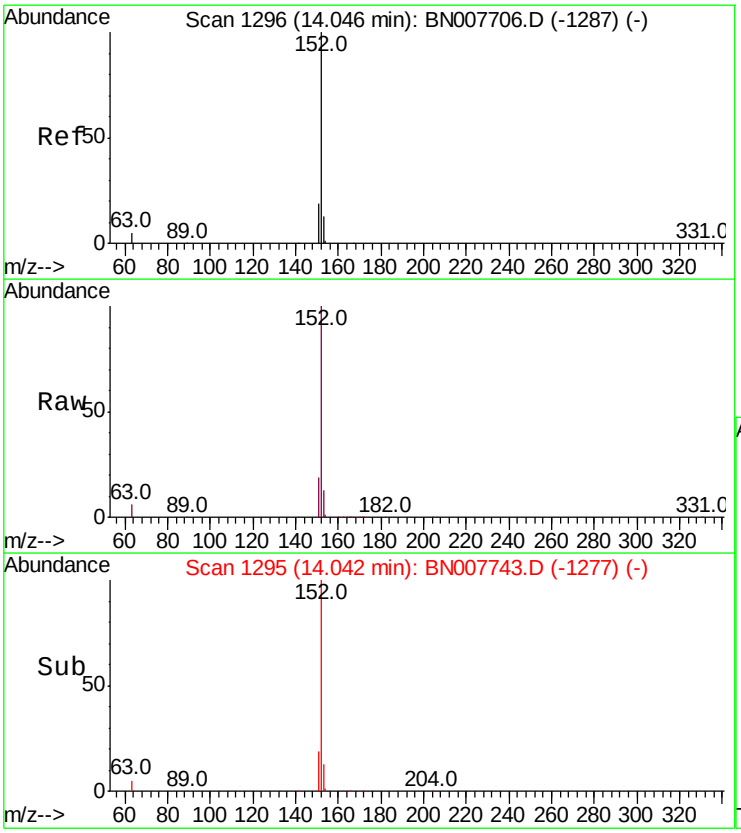
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.95 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 38329

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.8	43.2
170	21.9	19.5	29.3

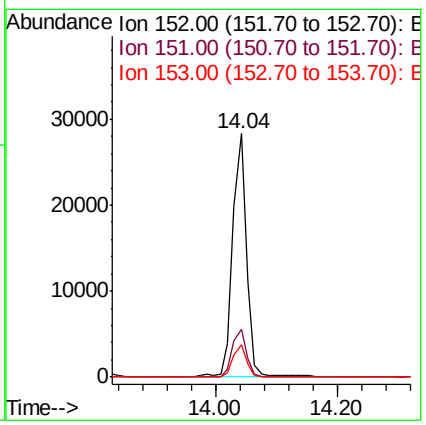


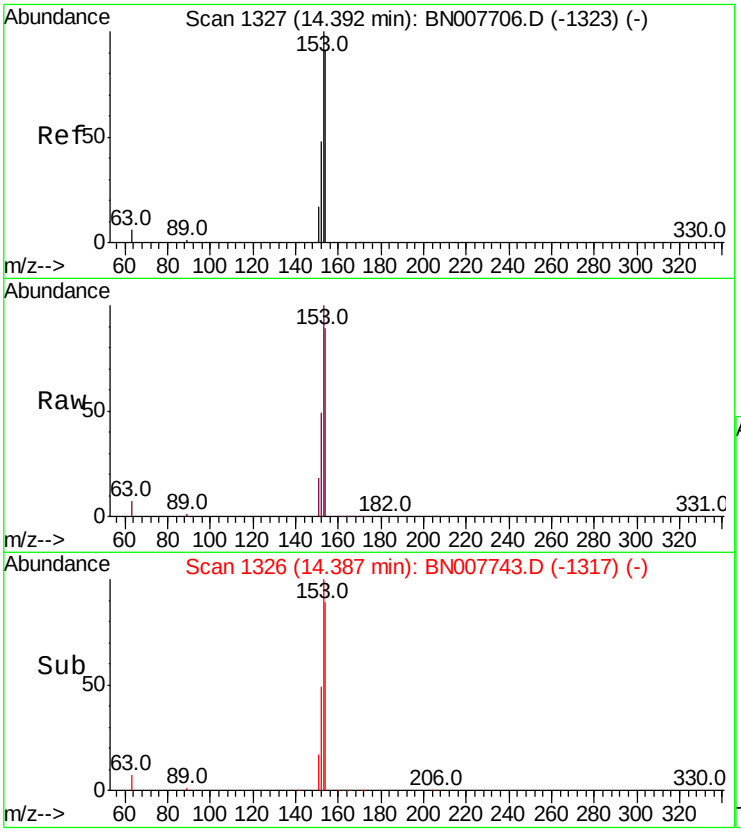


#16
Acenaphthylene
Concen: 0.340 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:152 Resp: 44291

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.1	10.4	15.6



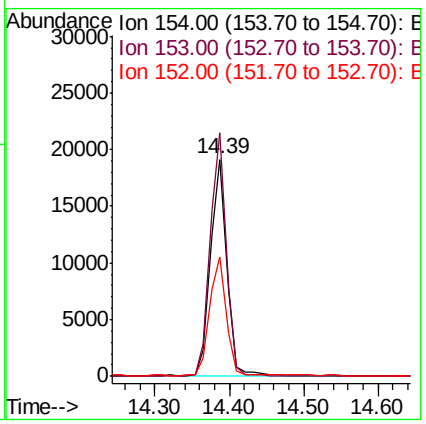


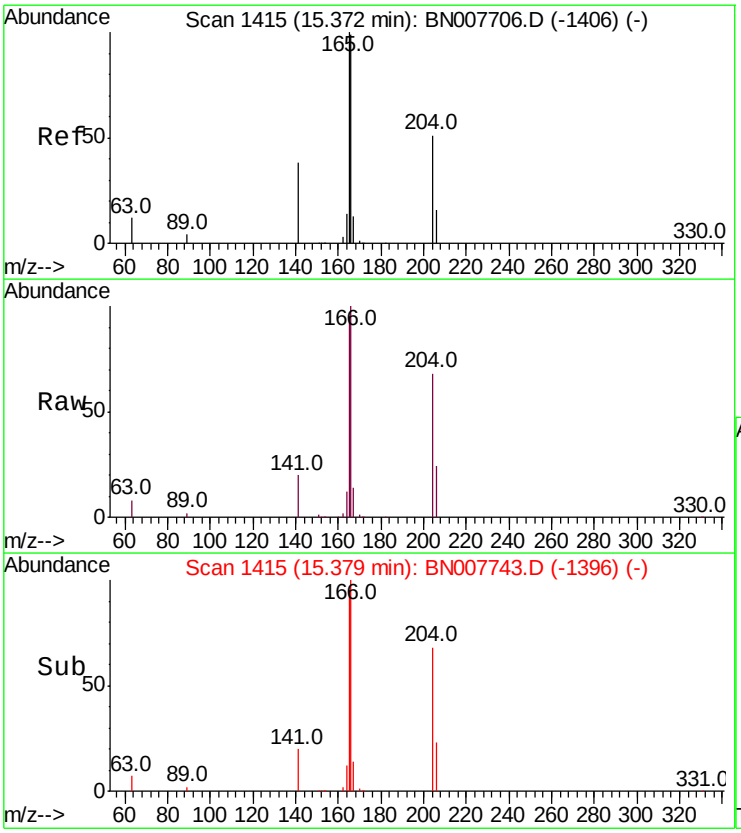
#17
Acenaphthene
Concen: 0.345 ng
RT: 14.39 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 28904

Ion	Ratio	Lower	Upper
154	100		
153	110.7	87.0	130.4
152	55.6	42.7	64.1

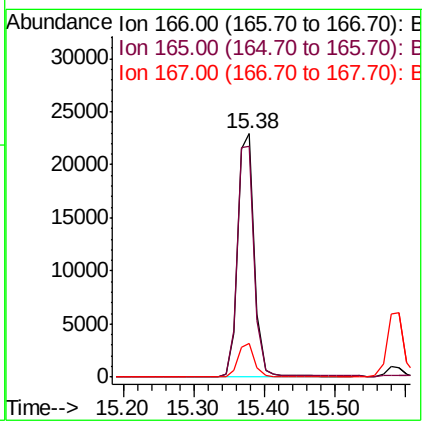


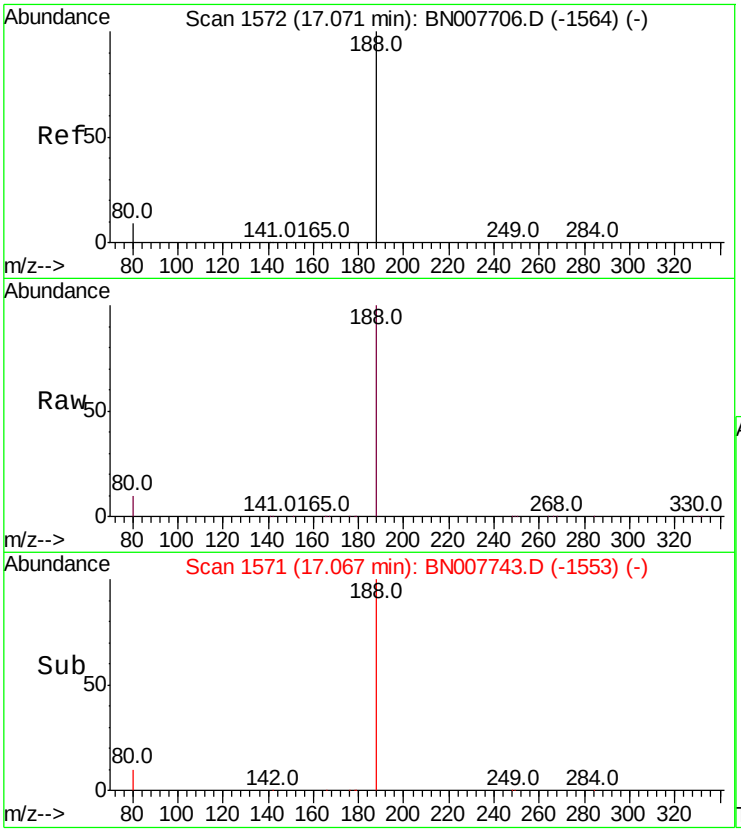


#18
Fluorene
Concen: 0.347 ng
RT: 15.38 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:166 Resp: 37258

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.0	117.0
167	13.5	10.9	16.3



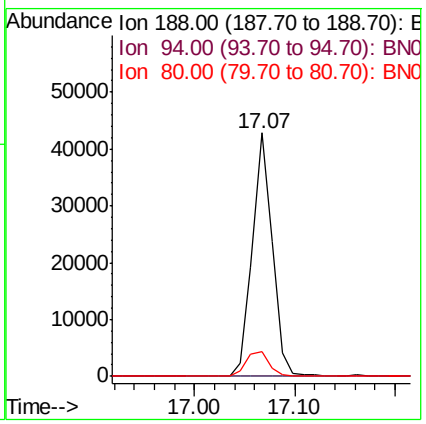


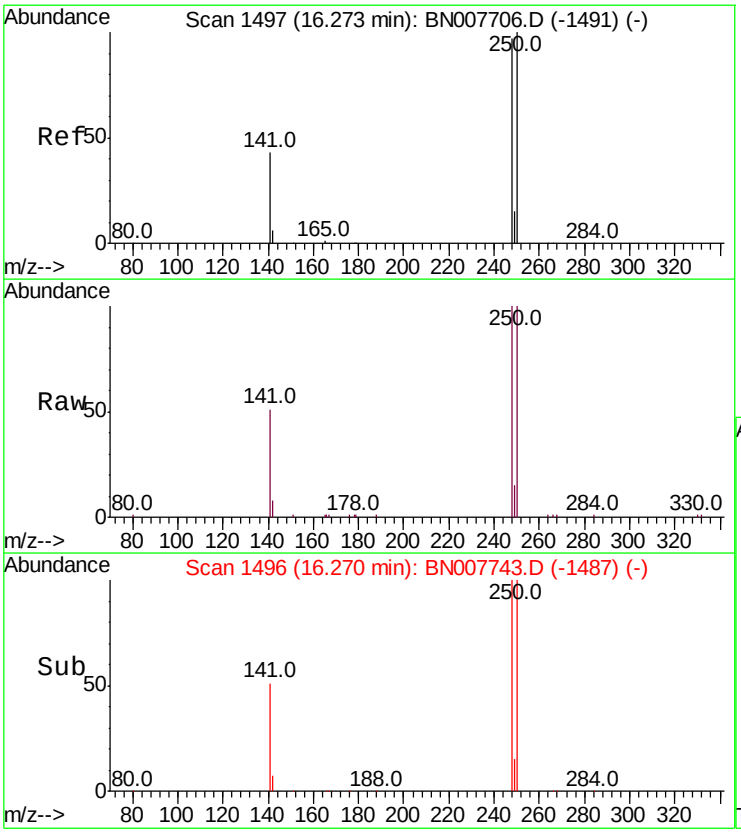
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 59317

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	7.4	11.2

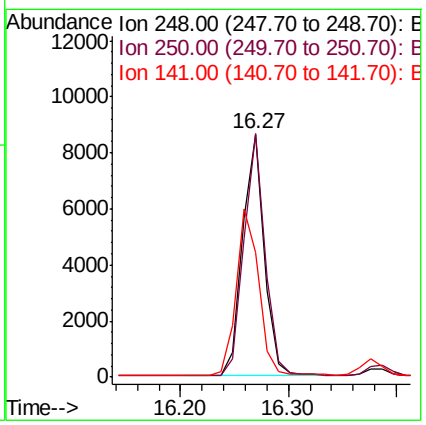


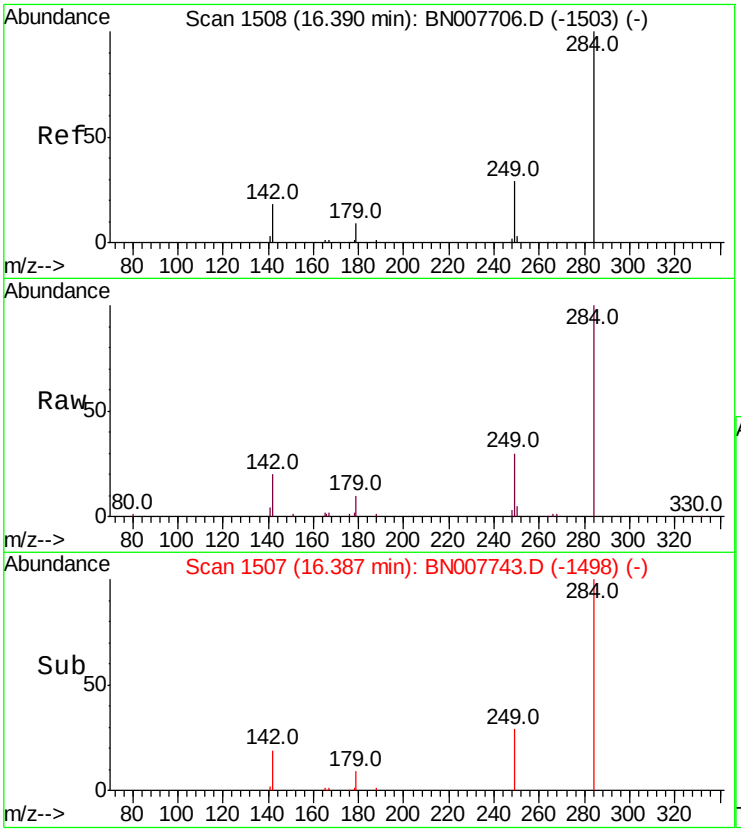


#20
4-Bromophenyl-phenylether
Concen: 0.333 ng
RT: 16.27 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:248 Resp: 11997

Ion	Ratio	Lower	Upper
248	100		
250	100.2	82.2	123.4
141	51.5	36.3	54.5



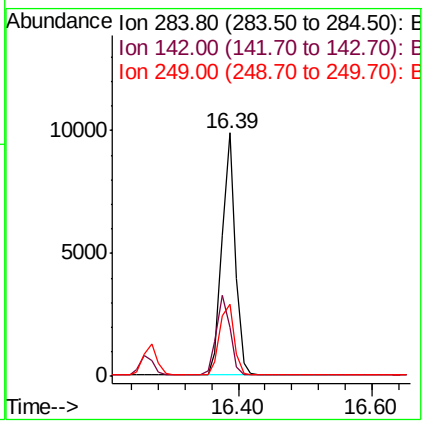


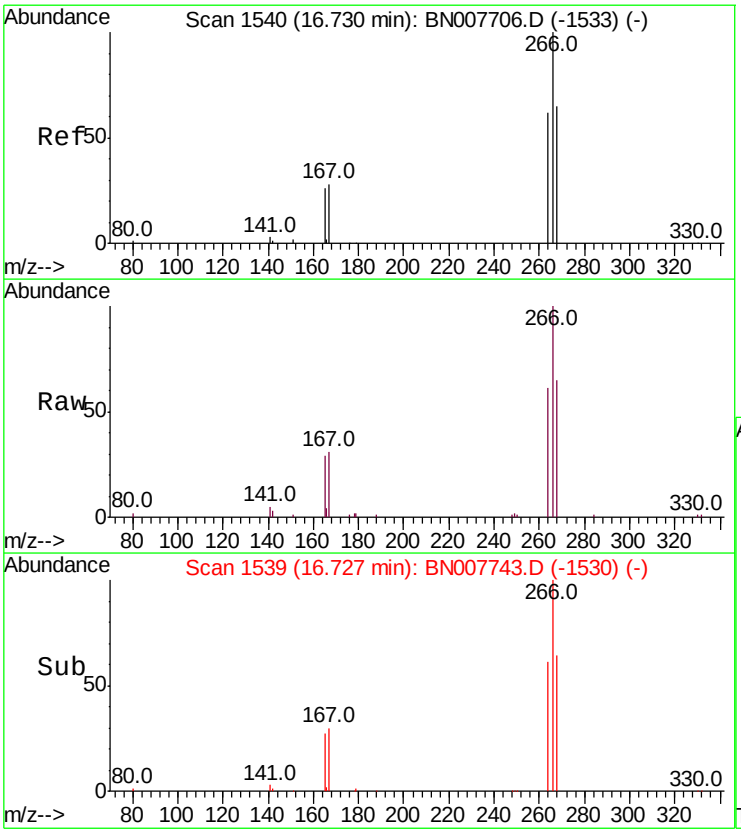
#21
Hexachlorobenzene
Concen: 0.341 ng
RT: 16.39 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 13410

Ion	Ratio	Lower	Upper
284	100		
142	33.6	25.8	38.6
249	32.0	25.9	38.9

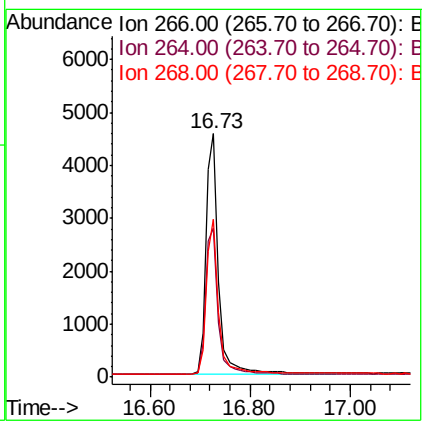


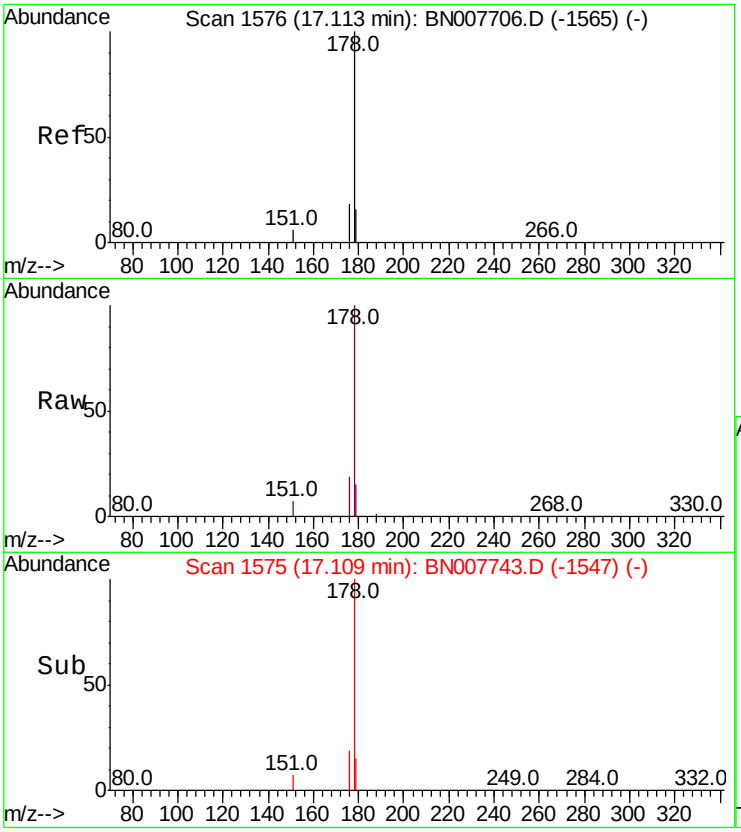


#22
Pentachlorophenol
Concen: 0.558 ng
RT: 16.73 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:266 Resp: 8102

Ion	Ratio	Lower	Upper
266	100		
264	61.3	50.0	75.0
268	64.8	54.2	81.4



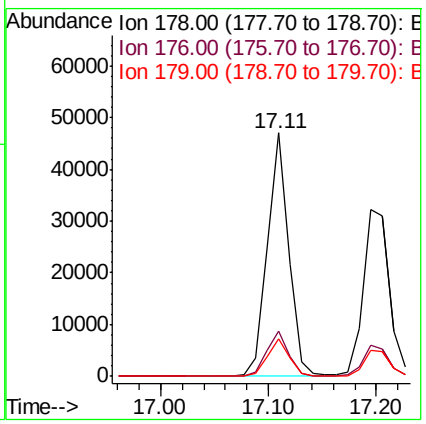


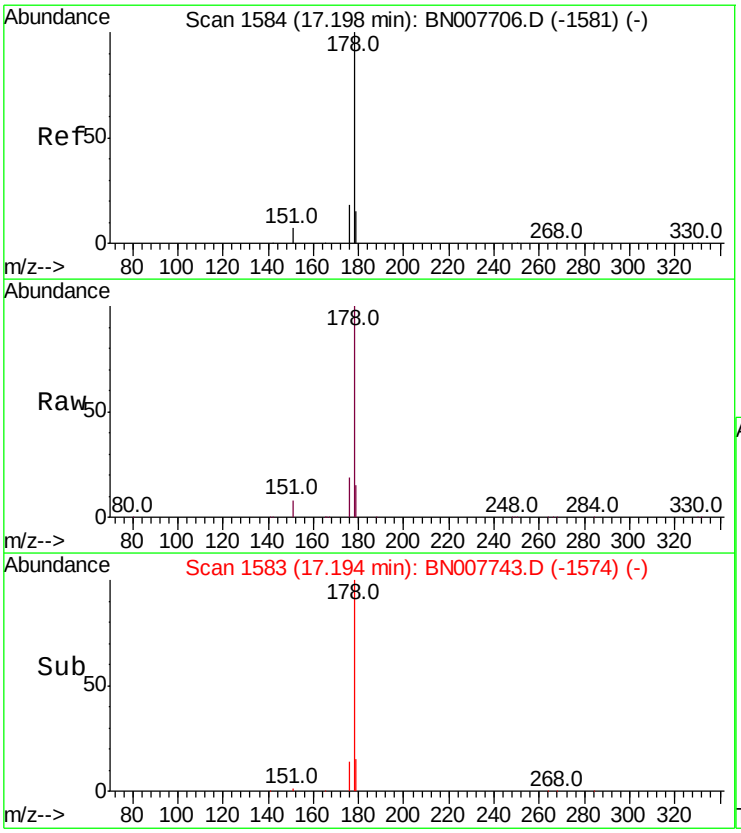
#23
Phenanthrene
Concen: 0.346 ng
RT: 17.11 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 63967

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.5	12.5	18.7

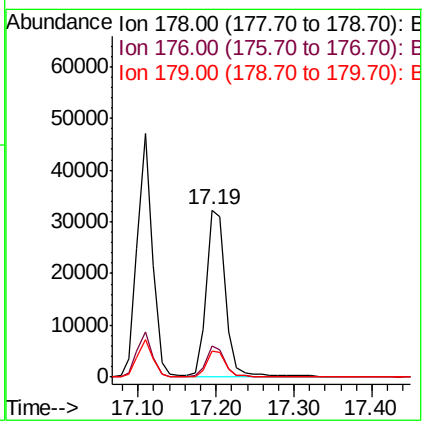


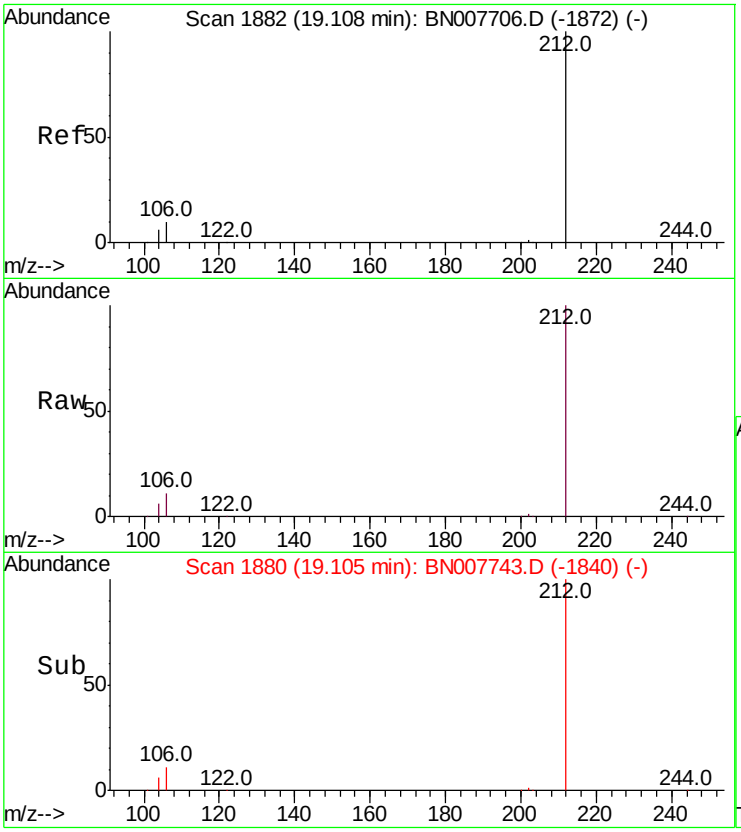


#24
Anthracene
Concen: 0.324 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:178 Resp: 54045

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.3	12.2	18.4



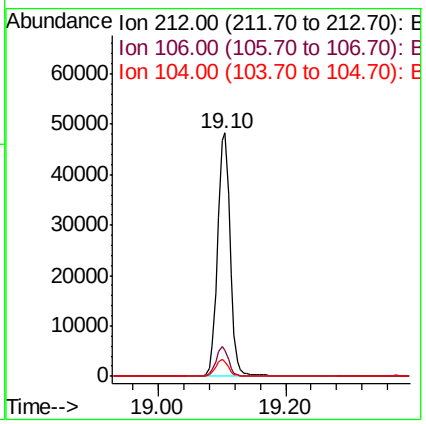


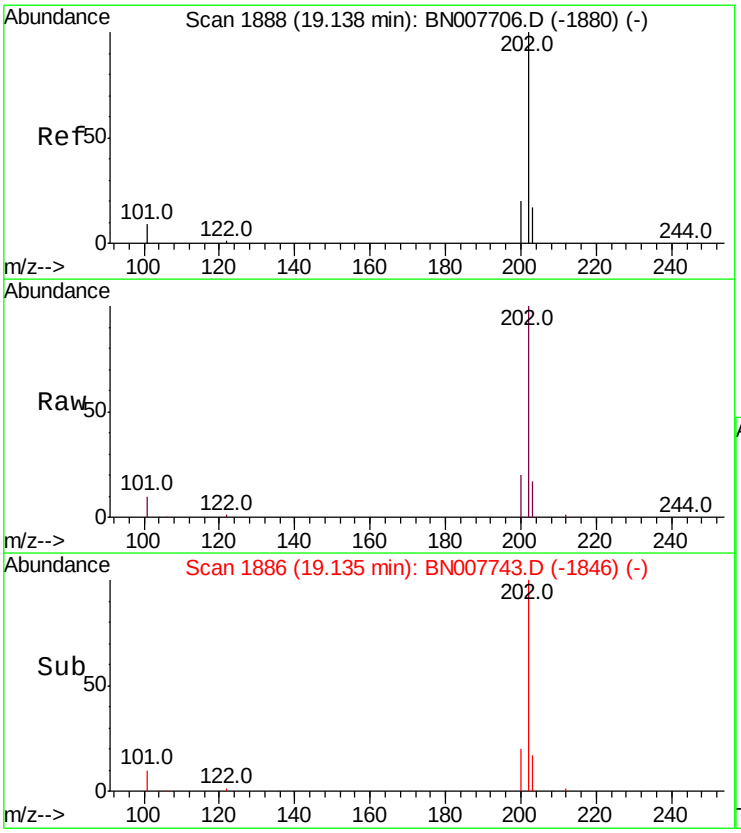
#25
Fluoranthene-d10
Concen: 0.334 ng
RT: 19.10 min Scan# 1880
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 66704

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.4	14.0
104	6.6	5.3	7.9

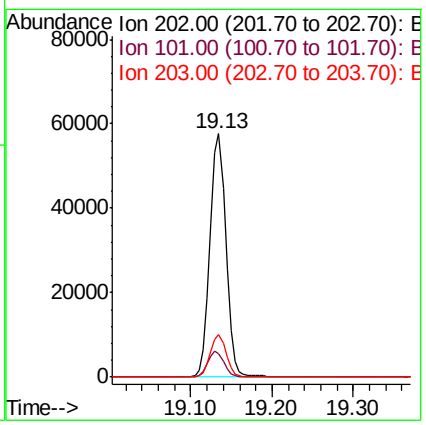


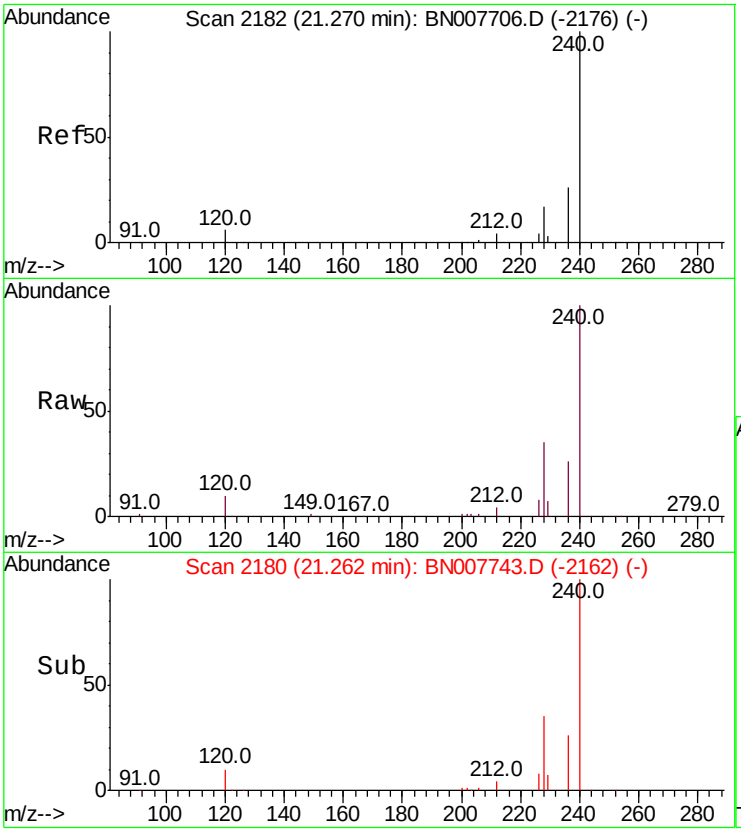


#26
Fluoranthene
Concen: 0.340 ng
RT: 19.13 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:202 Resp: 78230

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.4	12.6
203	17.2	13.8	20.8



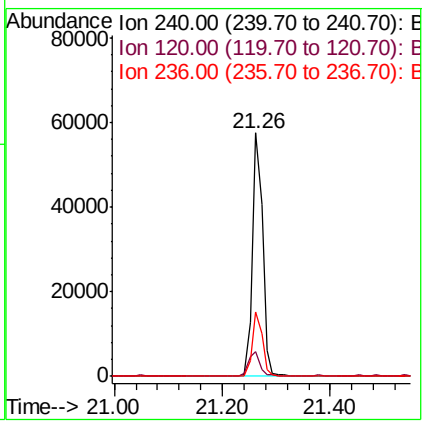


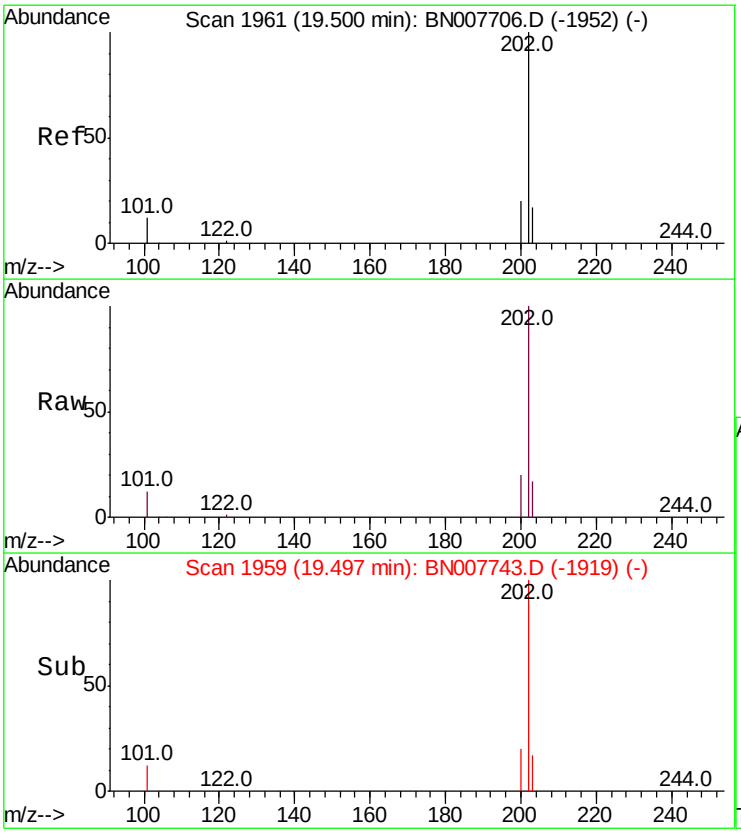
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 76150

Ion	Ratio	Lower	Upper
240	100		
120	10.1	5.4	8.2#
236	26.3	21.0	31.4

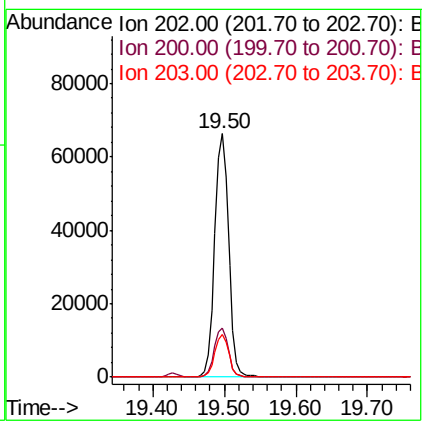


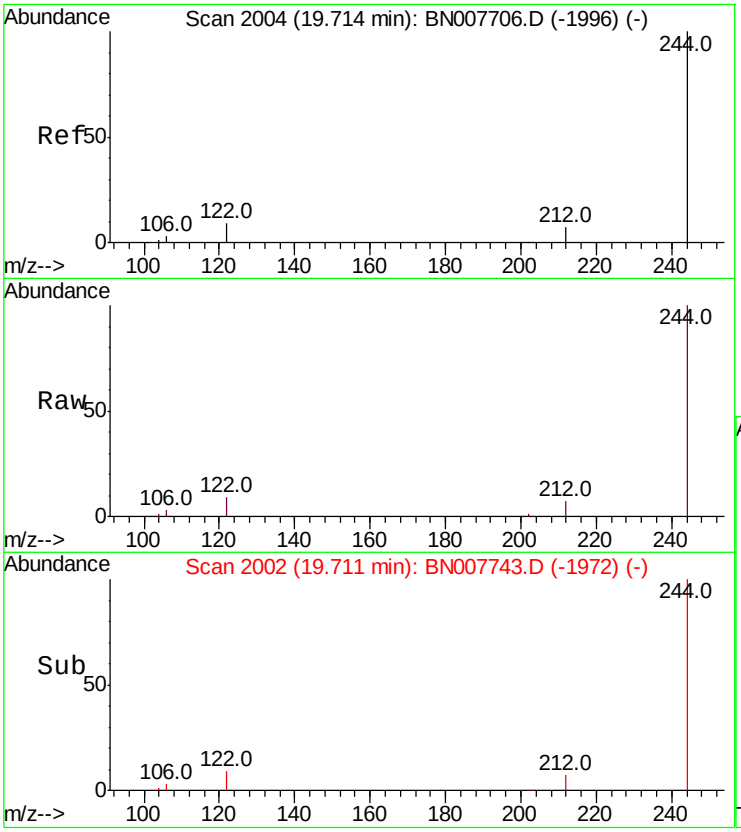


#28
Pyrene
Concen: 0.340 ng
RT: 19.50 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:202 Resp: 88258

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.5	14.1	21.1



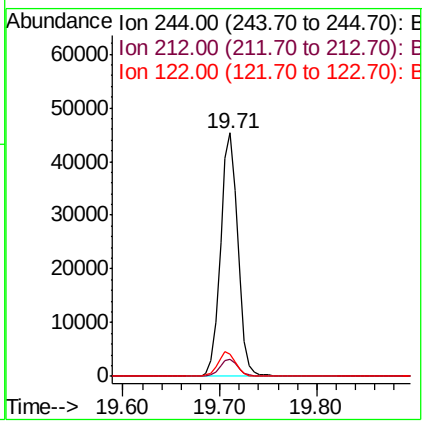


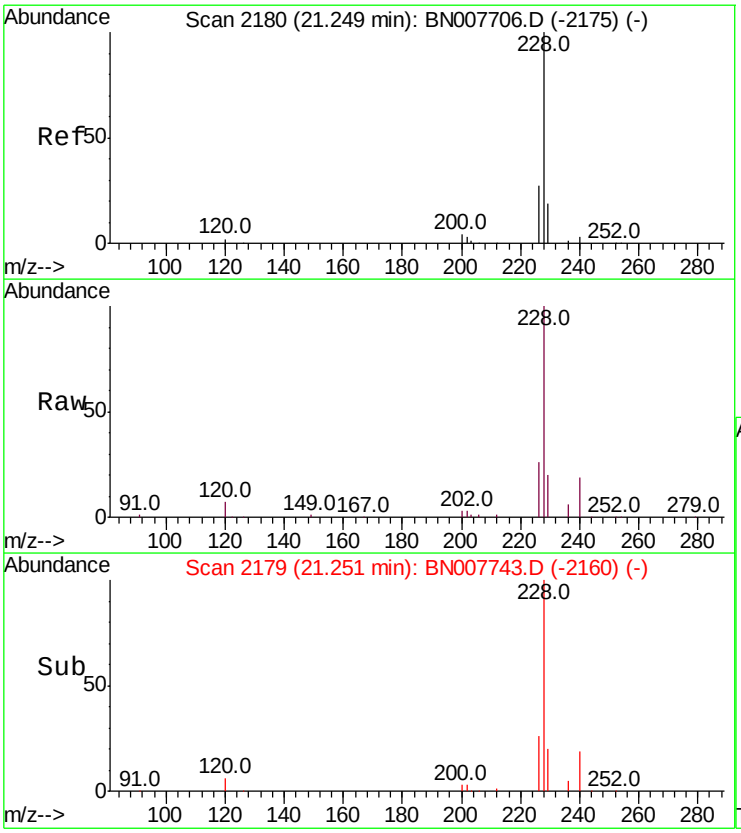
#29
Terphenyl-d14
Concen: 0.298 ng
RT: 19.71 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 55807

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.3	7.4	11.2

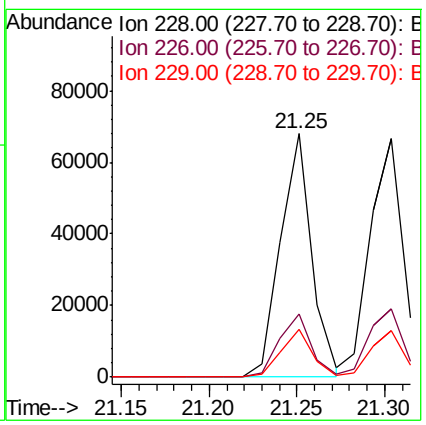


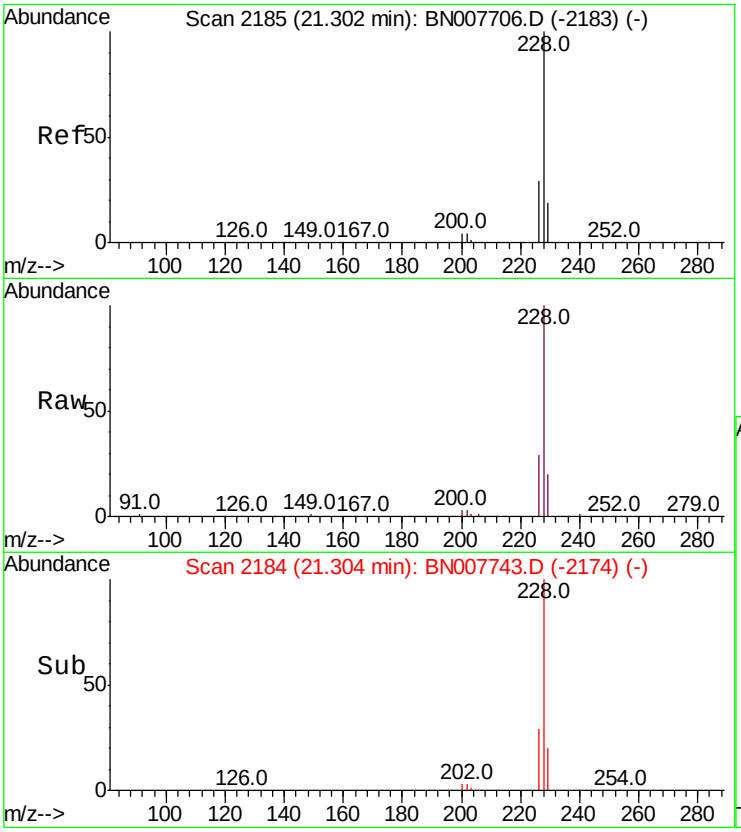


#30
Benzo(a)anthracene
Concen: 0.299 ng
RT: 21.25 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:228 Resp: 83947

Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.1	33.1
229	19.6	15.8	23.6



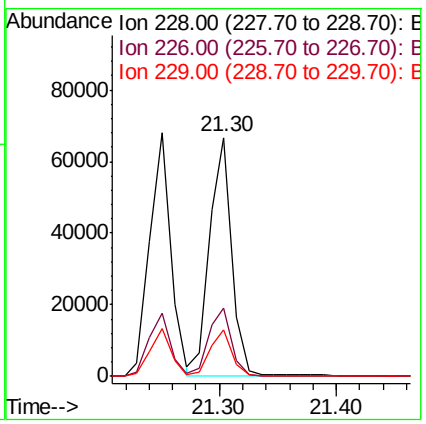


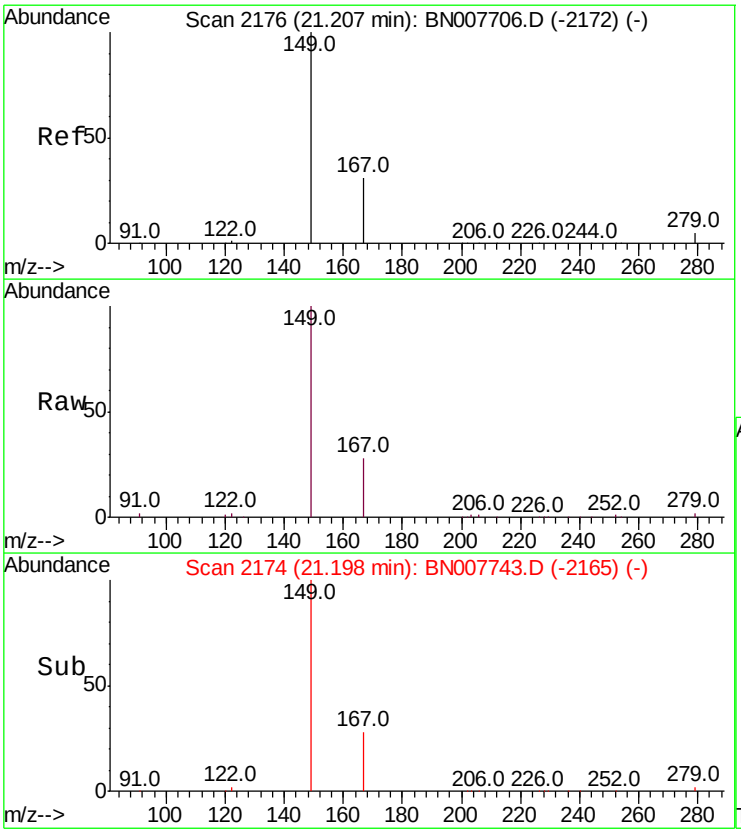
#31
Chrysene
Concen: 0.322 ng
RT: 21.30 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 87958

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.9	35.9
229	19.7	15.8	23.6

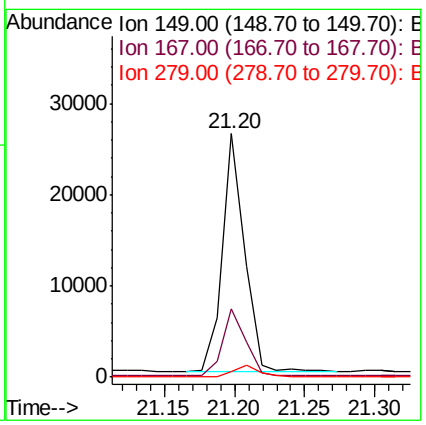


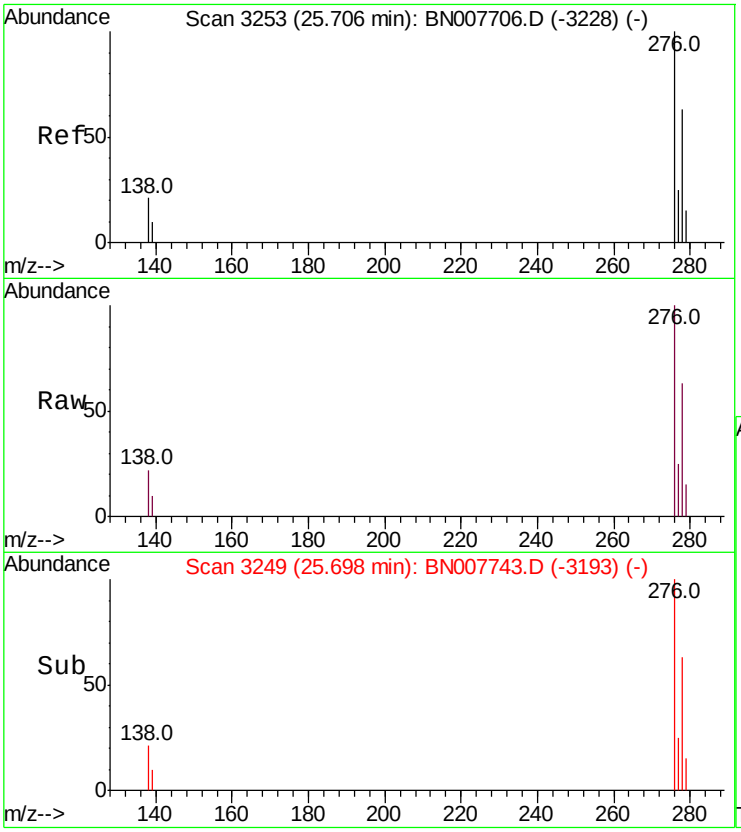


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.199 ng
RT: 21.20 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:149 Resp: 28692

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.7	35.5
279	4.8	4.2	6.2



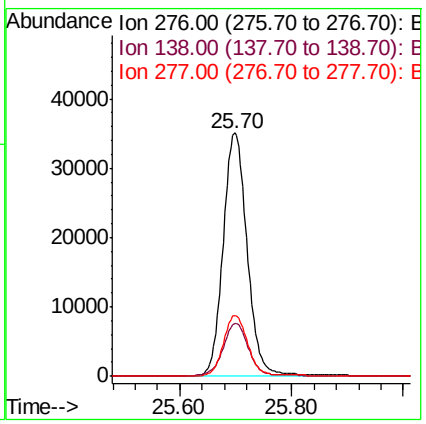


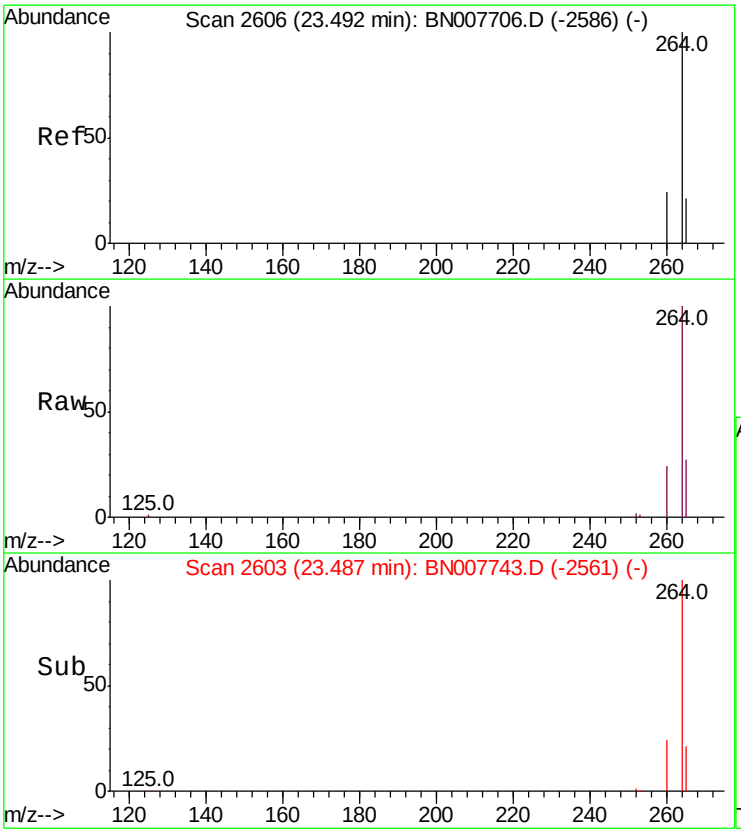
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng
RT: 25.70 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 104138

Ion	Ratio	Lower	Upper
276	100		
138	22.8	17.1	25.7
277	25.1	20.0	30.0

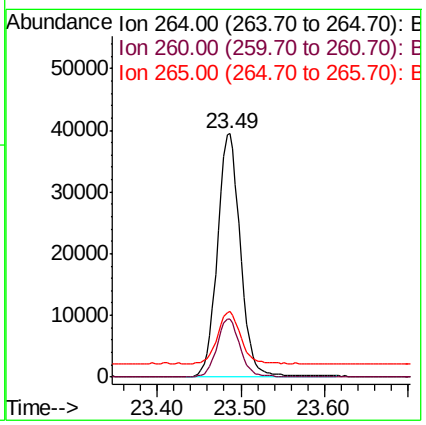


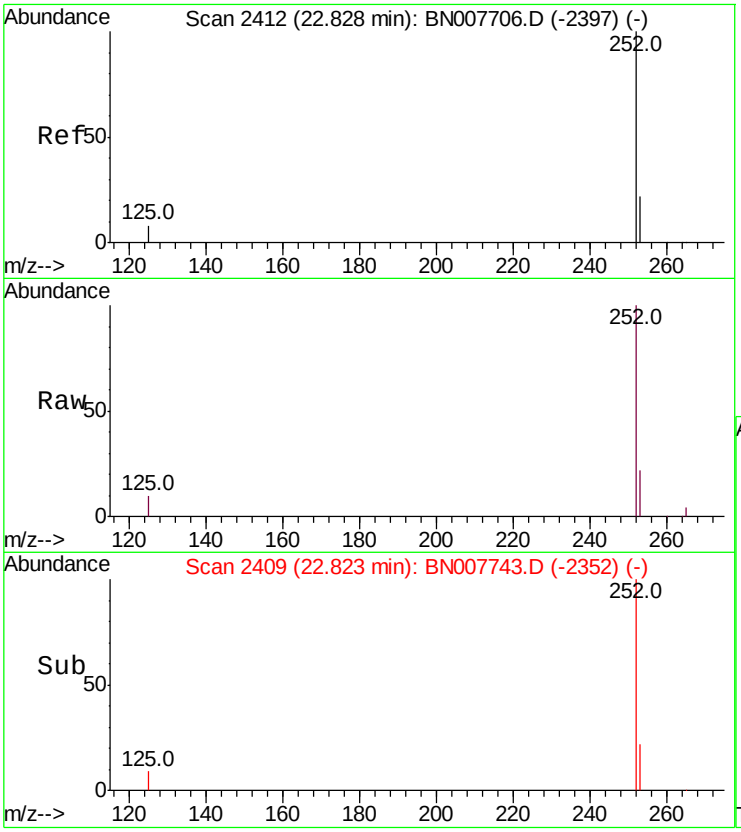


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:264 Resp: 74131

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	26.9	26.9	40.3#



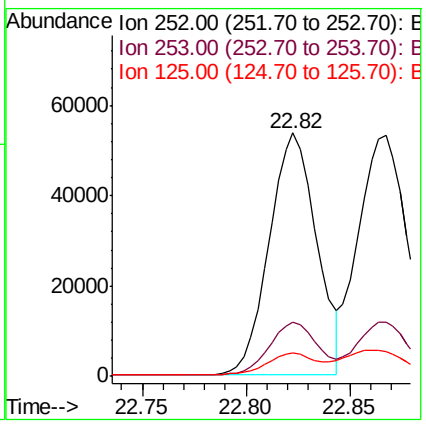


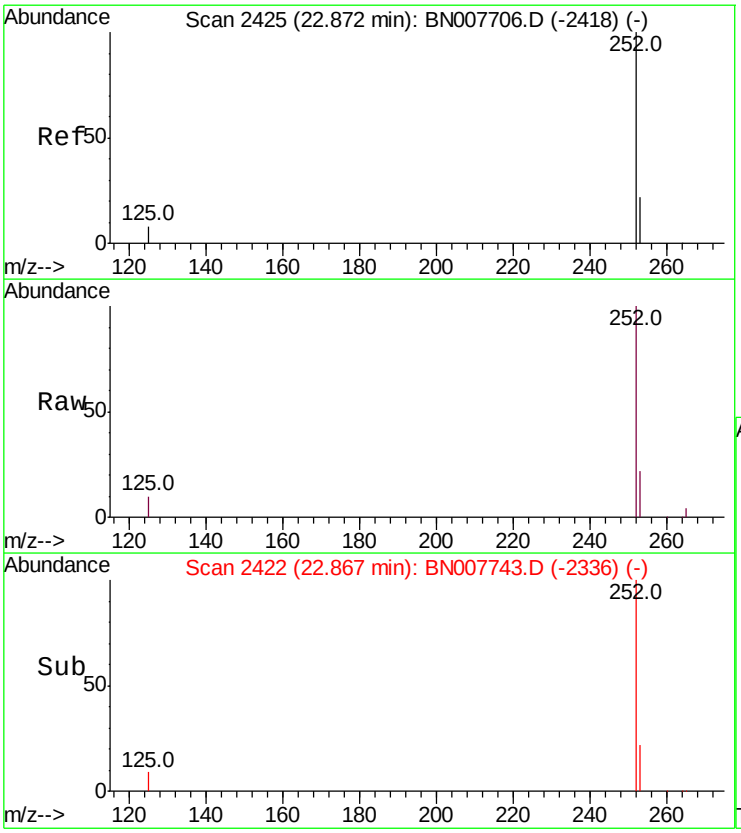
#35
Benzo(b)fluoranthene
Concen: 0.330 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 84865

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	9.5	8.2	12.4

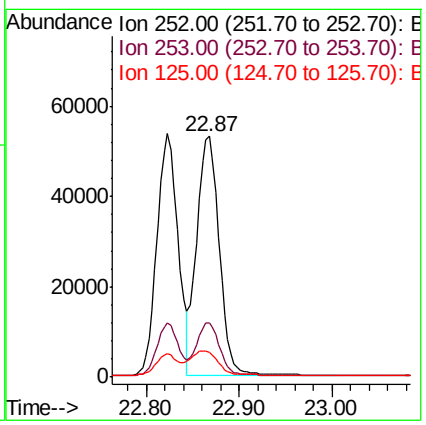


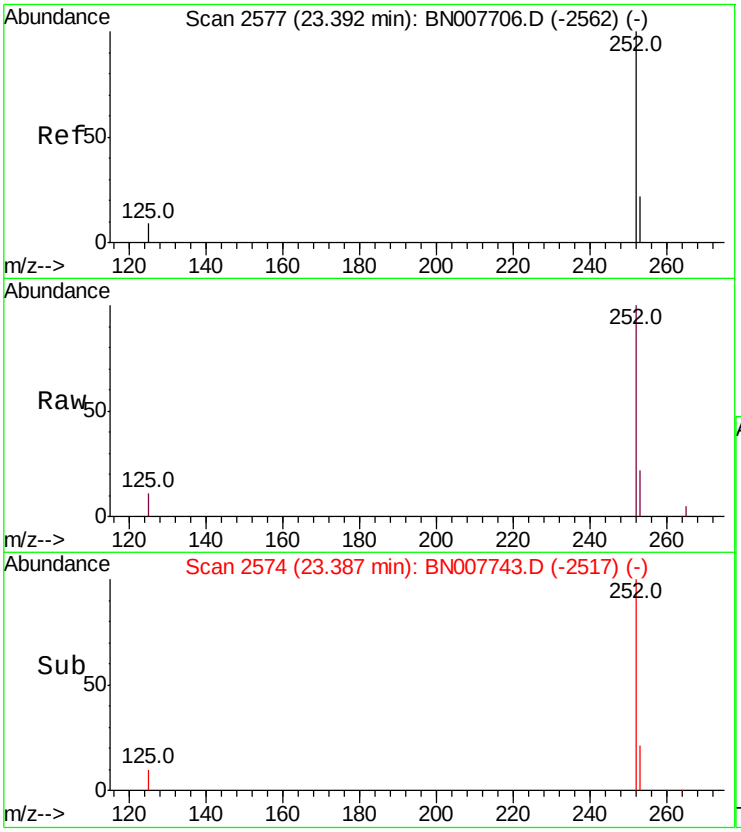


#36
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 22.87 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:252 Resp: 89638

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	10.1	8.4	12.6



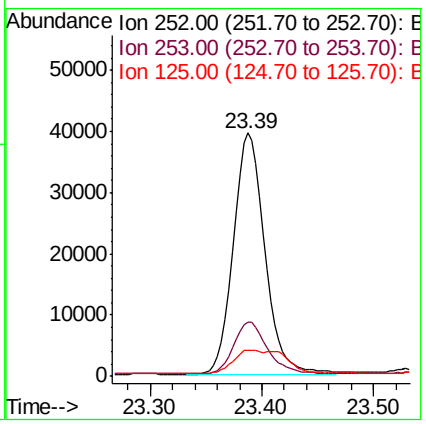


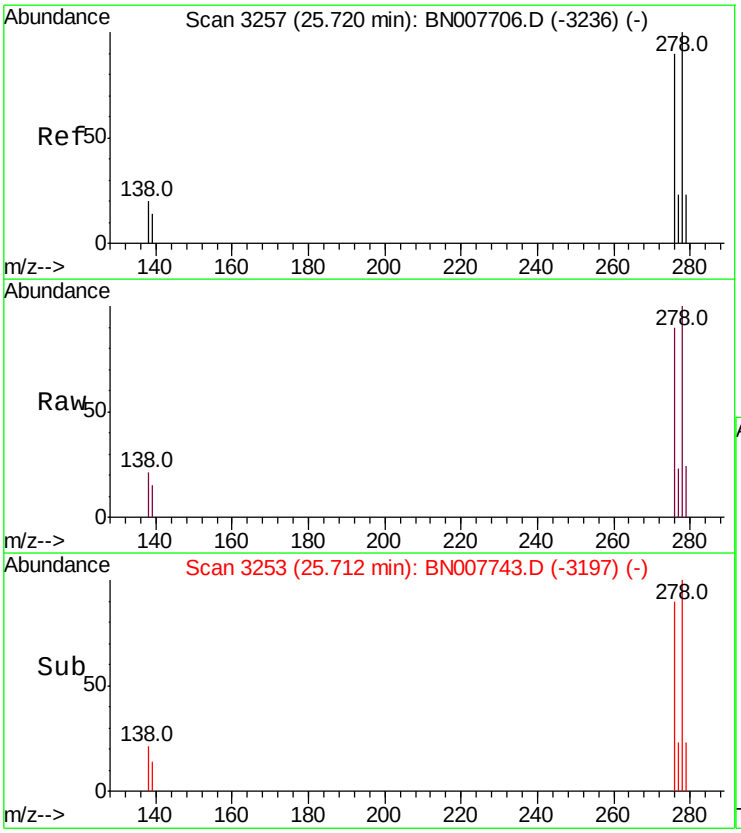
#37
Benzo(a)pyrene
Concen: 0.318 ng
RT: 23.39 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 76959

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	27.8
125	10.9	9.4	14.0

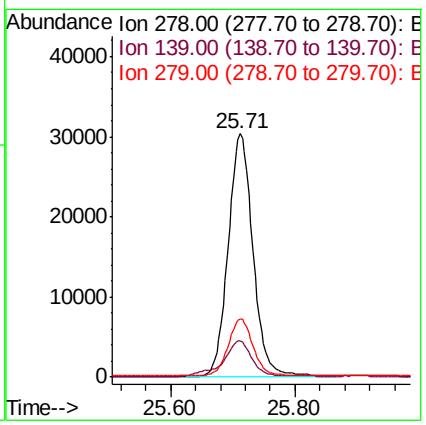


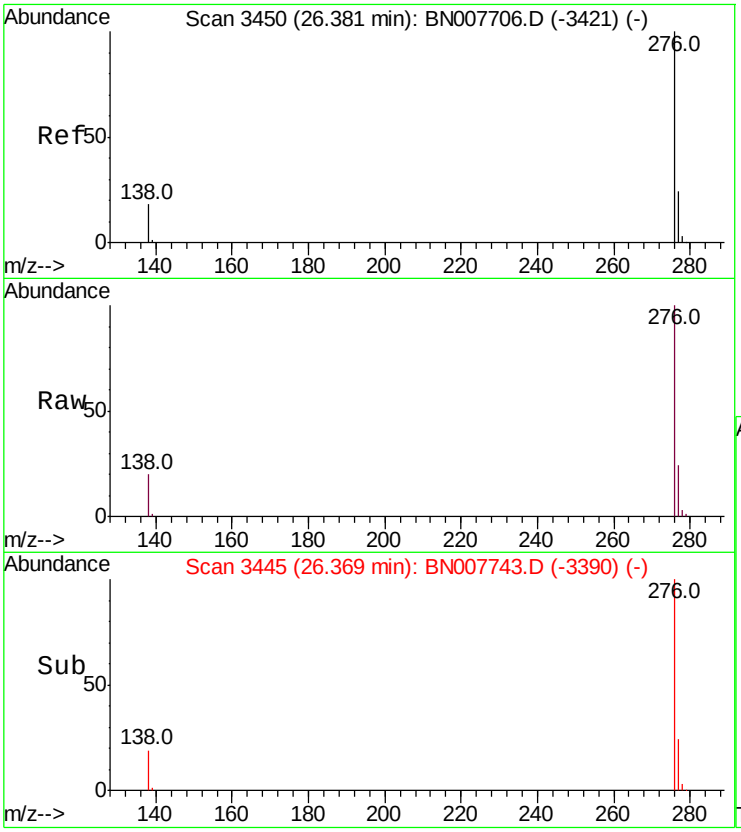


#38
Dibenzo(a,h)anthracene
Concen: 0.339 ng
RT: 25.71 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Tgt Ion:278 Resp: 83861

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.8	17.6
279	23.9	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.329 ng
RT: 26.37 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BN007743.D
Acq: 19 Sep 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 80511

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.8	29.8
138	19.6	15.1	22.7