Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090819\
Data File : BN007561.D
Acq On : 08 Sep 2019 21:37
Operator : HP/JU
Sample : PB122882BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 09 04:47:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	5749	0.40	ng		-0.02
7) Naphthalene-d8	10.14	136	23336	0.40	ng		-0.03
13) Acenaphthene-d10	14.04	164	12002	0.40	ng		-0.02
19) Phenanthrene-d10	16.79	188	27112	0.40	ng		0.00
27) Chrysene-d12	21.00	240	25919	0.40	ng		-0.01
34) Perylene-d12	23.11	264	29346	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	6427	0.32	ng		-0.02
5) Phenol-d6	6.58	99	7701	0.30	ng		0.00
8) Nitrobenzene-d5	8.53	82	6908	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	13995	0.36	ng		-0.01
14) 2,4,6-Tribromophenol	15.54	330	1599	0.25	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	18909	0.39	ng		0.00
25) Fluoranthene-d10	18.84	212	30008	0.34	ng		-0.01
29) Terphenyl-d14	19.46	244	23948	0.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	4039	0.423	ng	#	84
3) n-Nitrosodimethylamine	3.34	42	1048	0.236	ng	#	74
6) bis(2-Chloroethyl)ether	6.83	93	7362	0.355	ng		97
9) Naphthalene	10.19	128	26042	0.391	ng	#	89
10) Hexachlorobutadiene	10.49	225	4734	0.347	ng	#	99
12) 2-Methylnaphthalene	11.82	142	16704	0.368	ng		95
16) Acenaphthylene	13.75	152	23850	0.336	ng		100
17) Acenaphthene	14.10	154	16061	0.387	ng		99
18) Fluorene	15.09	166	19648	0.374	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	2432	0.227	ng		95
21) Hexachlorobenzene	16.10	284	7025	0.387	ng		98
22) Pentachlorophenol	16.46	266	1098	0.194	ng	#	65
23) Phenanthrene	16.83	178	31065	0.381	ng		99
24) Anthracene	16.92	178	26961	0.329	ng		99
26) Fluoranthene	18.86	202	36832	0.352	ng	#	97
28) Pyrene	19.23	202	38135	0.366	ng		99
30) Benzo(a)anthracene	20.99	228	33687	0.331	ng		99
31) Chrysene	21.05	228	39019	0.397	ng		99
32) Bis(2-ethylhexyl)phthalate	20.95	149	16424	0.230	ng		98
33) Indeno(1,2,3-cd)pyrene	25.17	276	48332	0.408	ng	#	94
35) Benzo(b)fluoranthene	22.49	252	37383	0.352	ng		97
36) Benzo(k)fluoranthene	22.53	252	46293	0.441	ng	#	91
37) Benzo(a)pyrene	23.02	252	37213	0.368	ng		97
38) Dibenzo(a,h)anthracene	25.18	278	38617	0.383	ng		99
39) Benzo(g,h,i)perylene	25.79	276	39061	0.388	ng		99

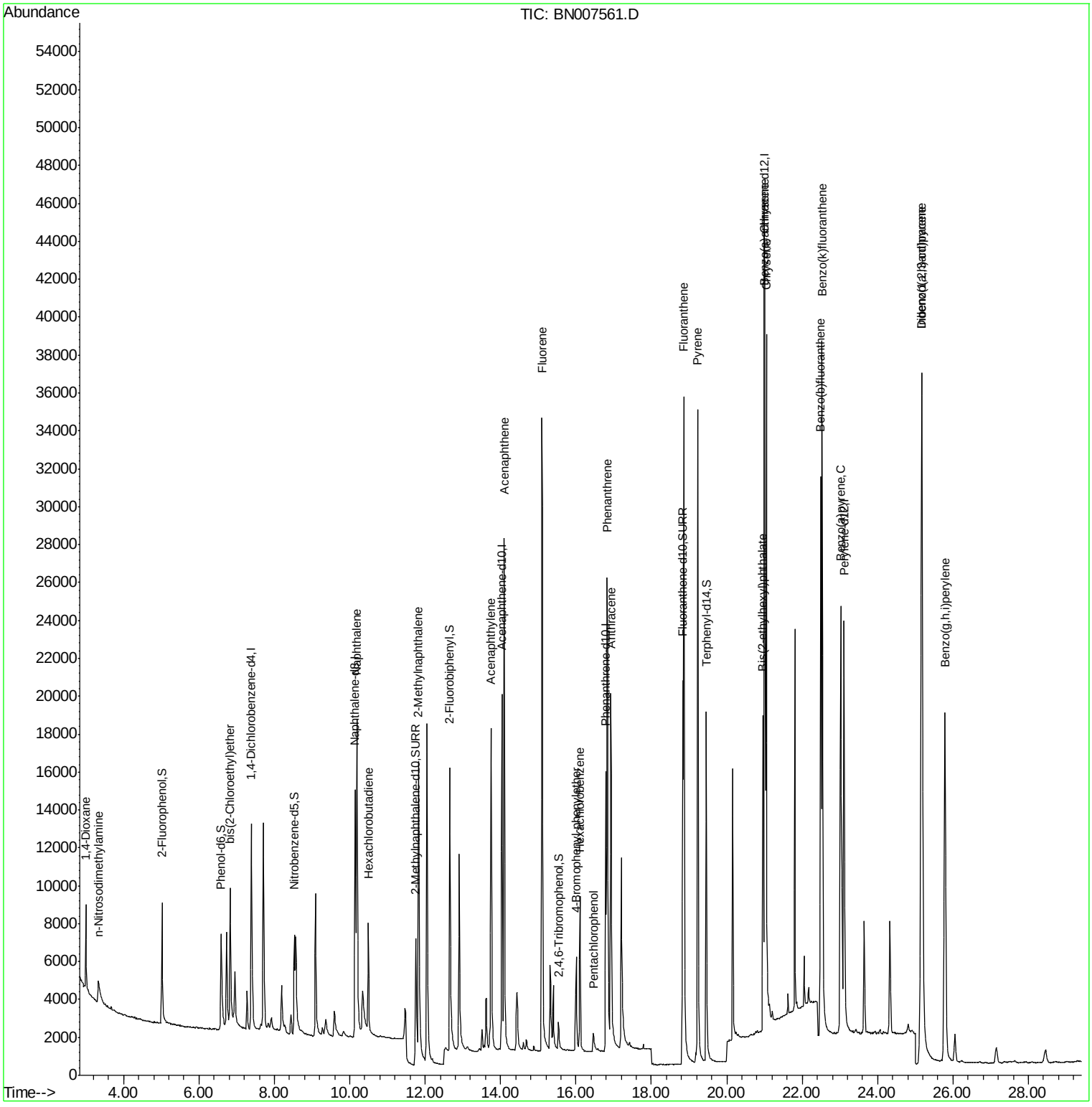
(#) = qualifier out of range (m) = manual integration (+) = signals summed

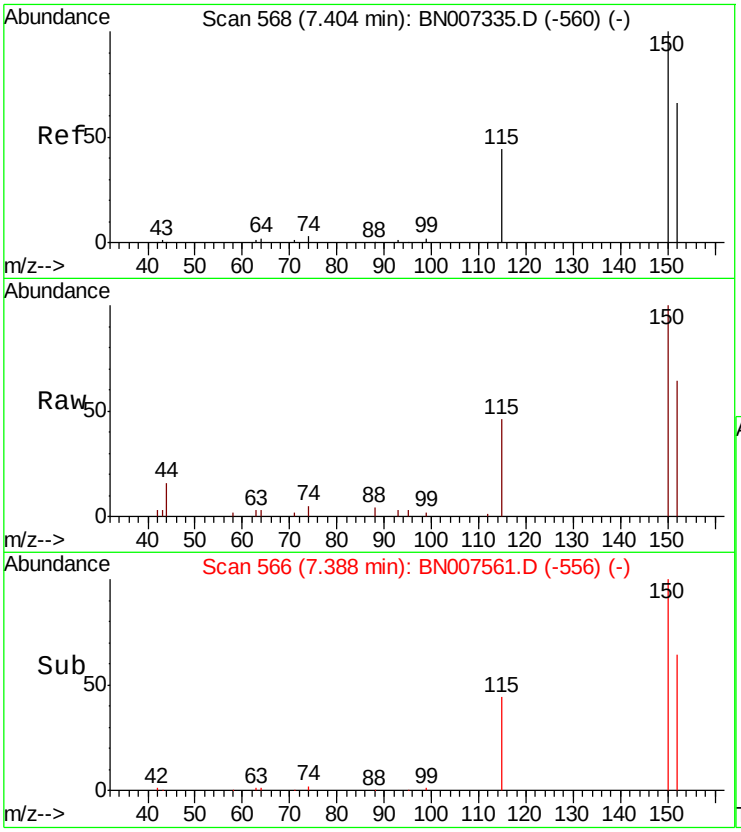
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090819\
Data File : BN007561.D
Acq On : 08 Sep 2019 21:37
Operator : HP/JU
Sample : PB122882BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 09 04:47:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration



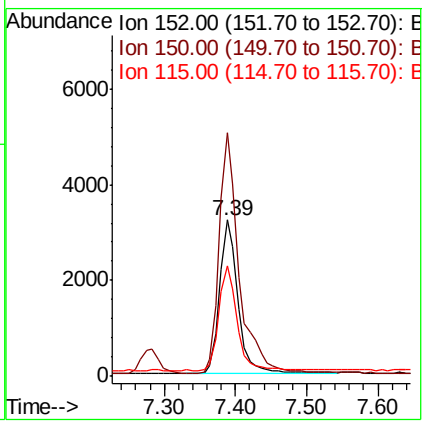


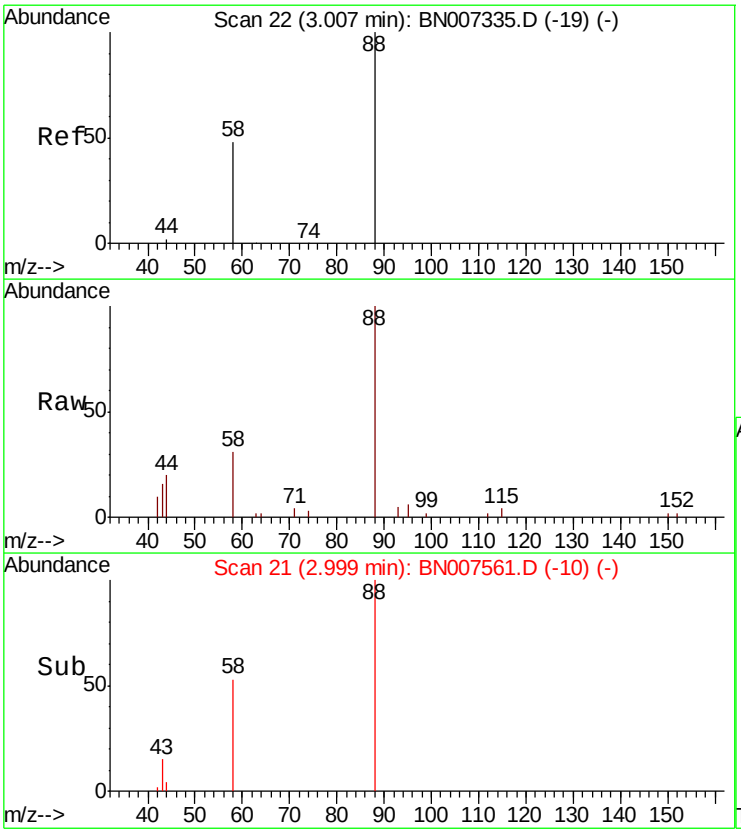
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5749

Ion	Ratio	Lower	Upper
152	100		
150	155.6	109.1	163.7
115	70.9	59.6	89.4

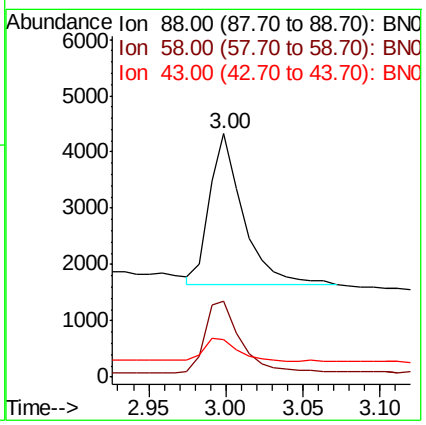


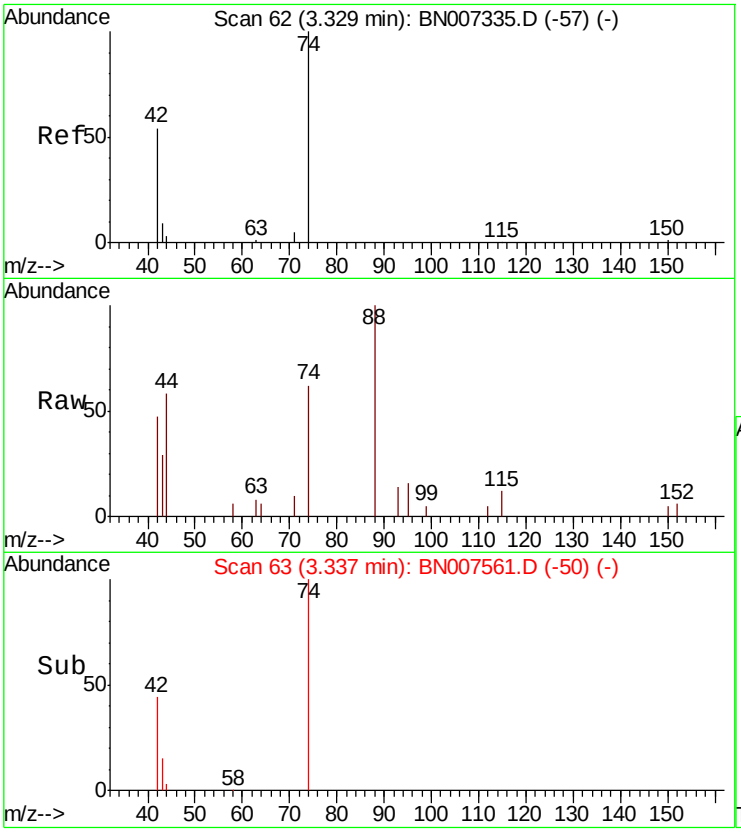


#2
1,4-Dioxane
Concen: 0.423 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion: 88 Resp: 4039

Ion	Ratio	Lower	Upper
88	100		
58	50.6	50.5	75.7
43	15.4	0.0	0.0#



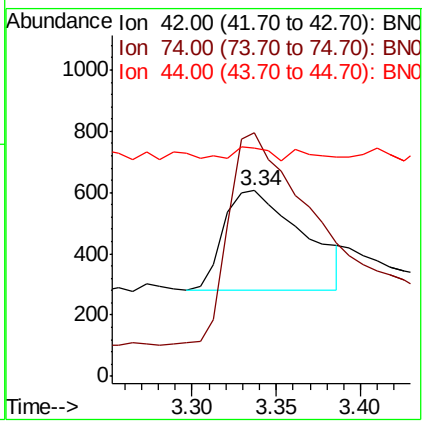


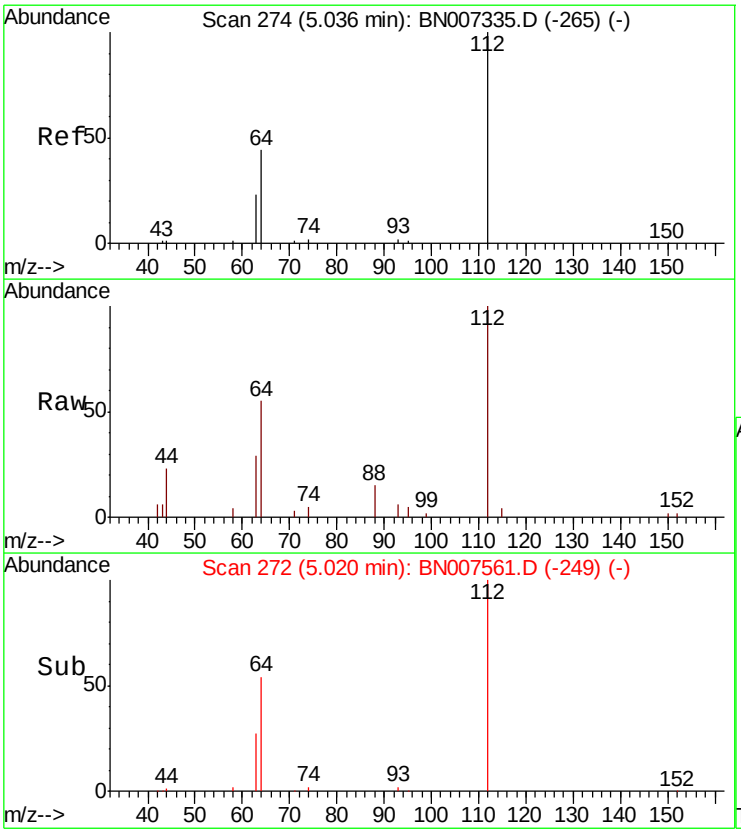
#3
n-Nitrosodimethylamine
Concen: 0.236 ng
RT: 3.34 min Scan# 63
Delta R.T. 0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1048

Ion	Ratio	Lower	Upper
42	100		
74	218.0	144.7	217.1#
44	6.4	3.2	4.8#

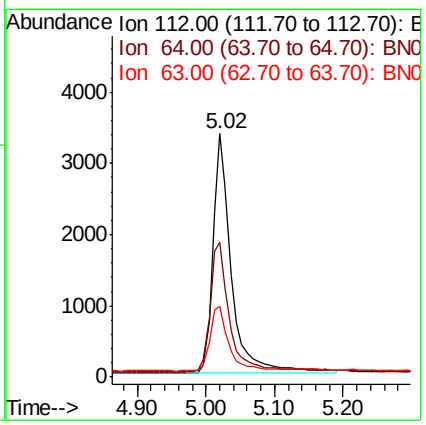


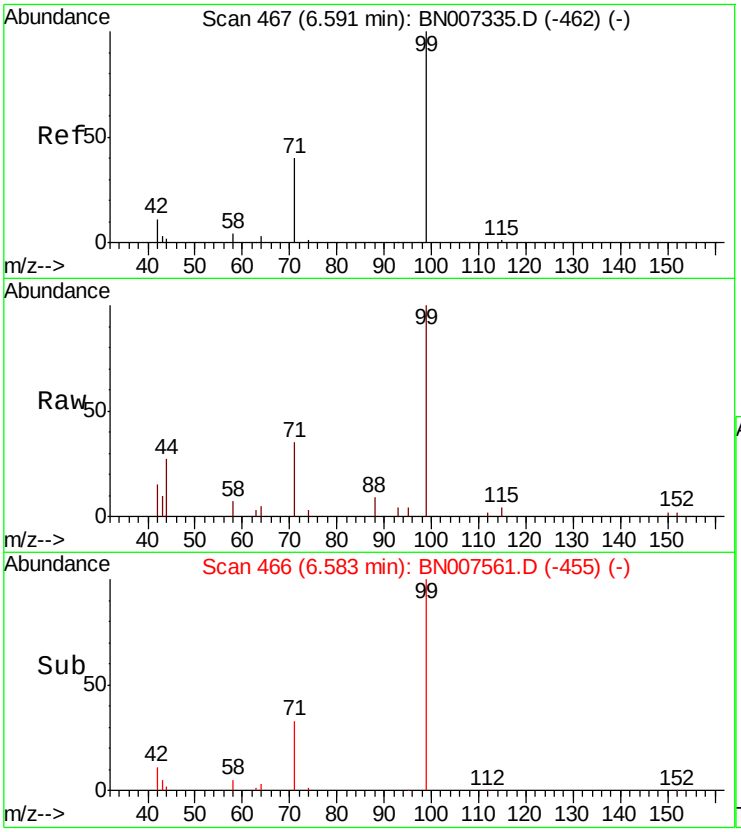


#4
2-Fluorophenol
Concen: 0.316 ng
RT: 5.02 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:112 Resp: 6427

Ion	Ratio	Lower	Upper
112	100		
64	57.3	42.3	63.5
63	28.6	23.6	35.4



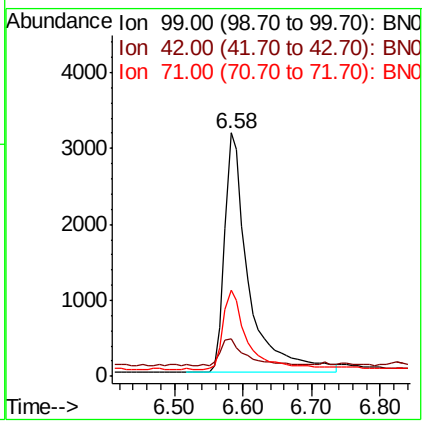


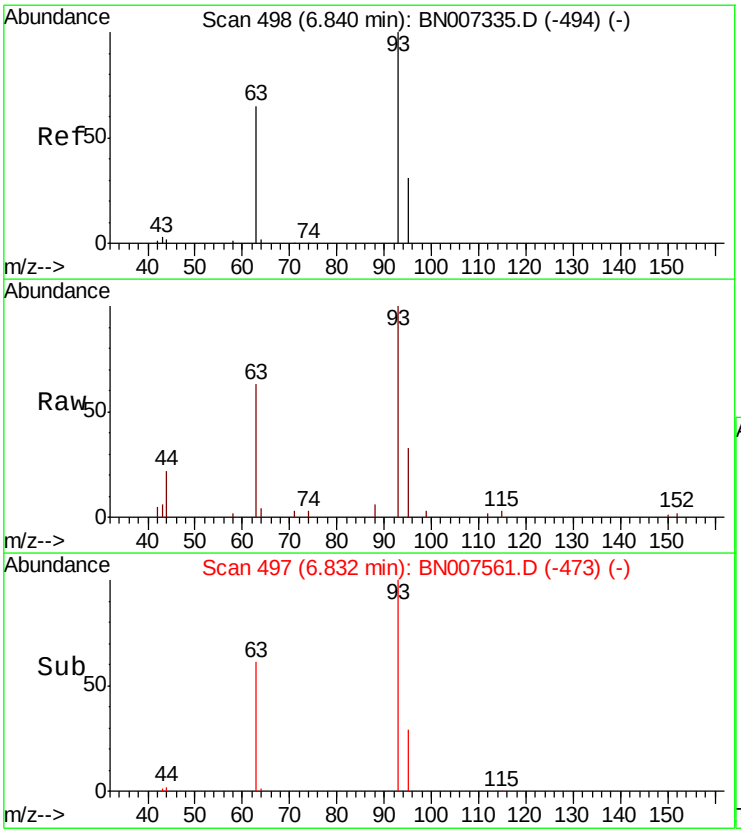
#5
Phenol-d6
Concen: 0.296 ng
RT: 6.58 min Scan# 466
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7701

Ion	Ratio	Lower	Upper
99	100		
42	11.5	11.2	16.8
71	32.2	31.8	47.8

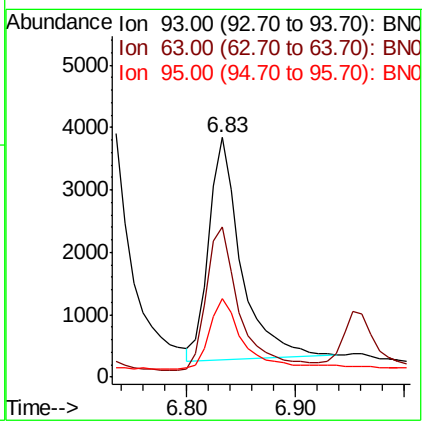


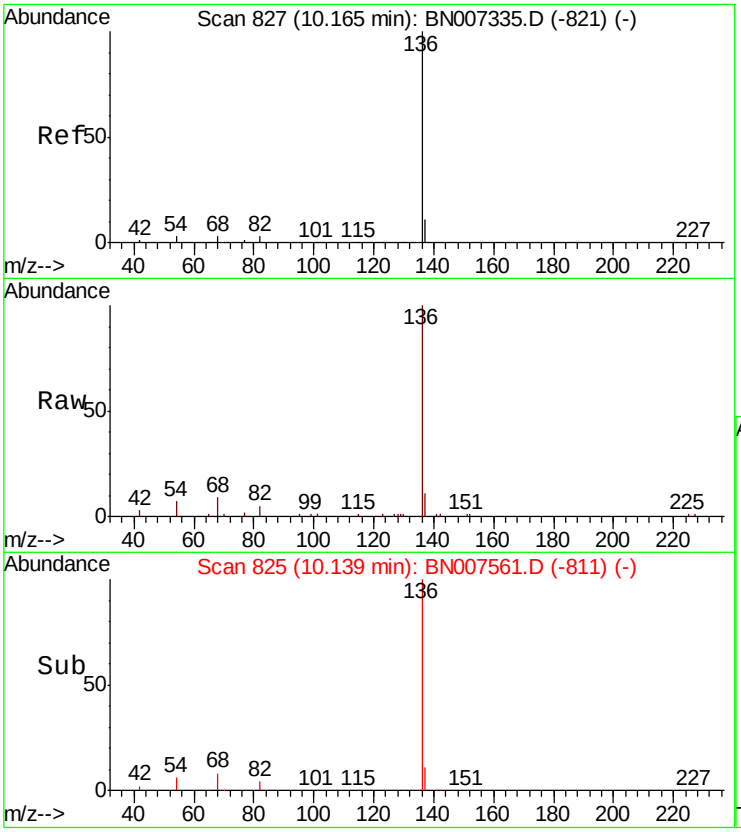


#6
bis(2-Chloroethyl)ether
Concen: 0.355 ng
RT: 6.83 min Scan# 497
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion: 93 Resp: 7362

Ion	Ratio	Lower	Upper
93	100		
63	68.7	51.9	77.9
95	35.0	27.7	41.5



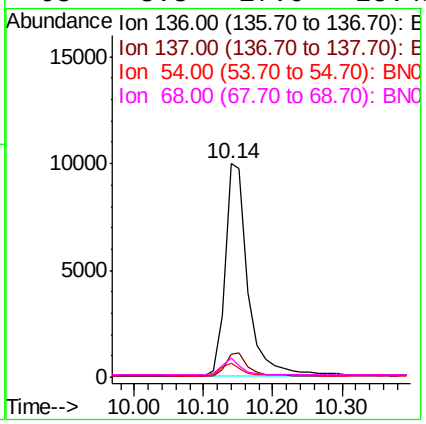


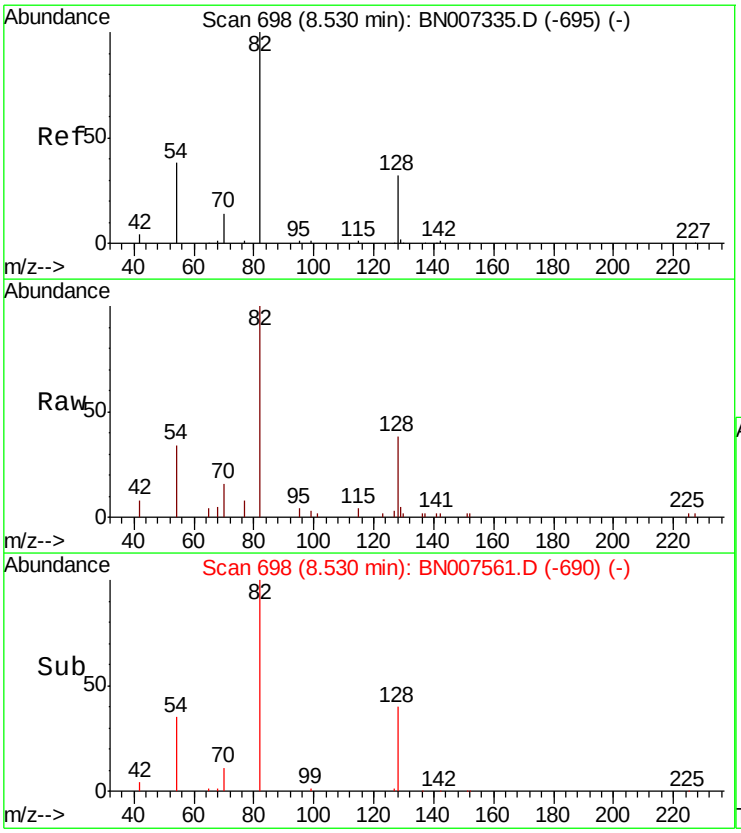
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 825
Delta R.T. -0.03 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 23336

Ion	Ratio	Lower	Upper
136	100		
137	11.0	12.9	19.3#
54	6.7	8.6	12.8#
68	8.8	17.0	25.4#

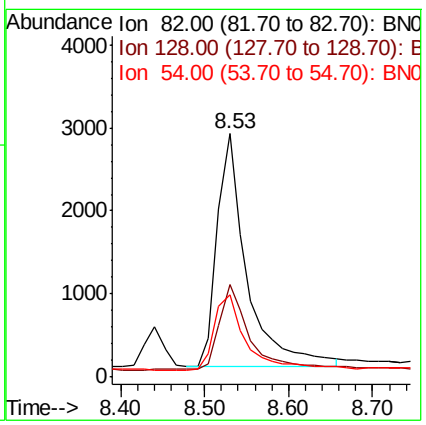


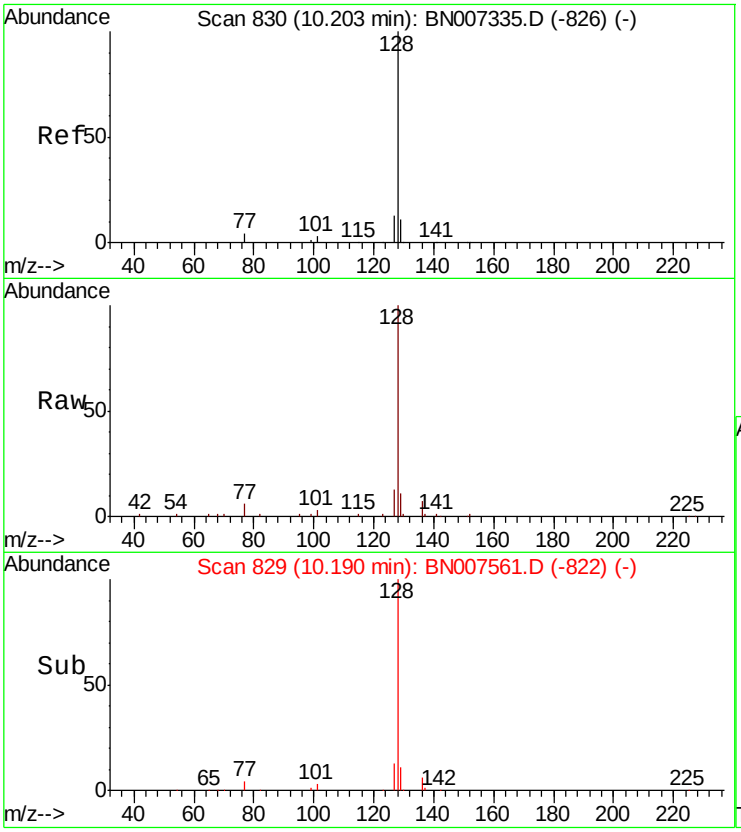


#8
Nitrobenzene-d5
Concen: 0.340 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion: 82 Resp: 6908

Ion	Ratio	Lower	Upper
82	100		
128	38.0	19.7	29.5#
54	33.9	25.8	38.6



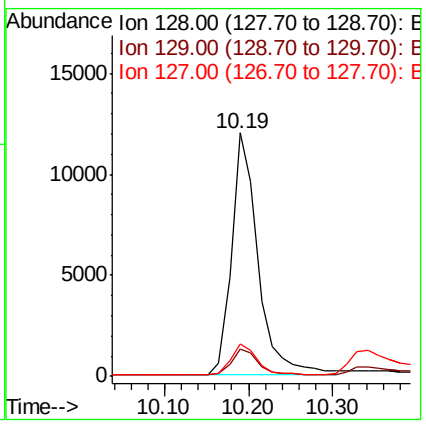


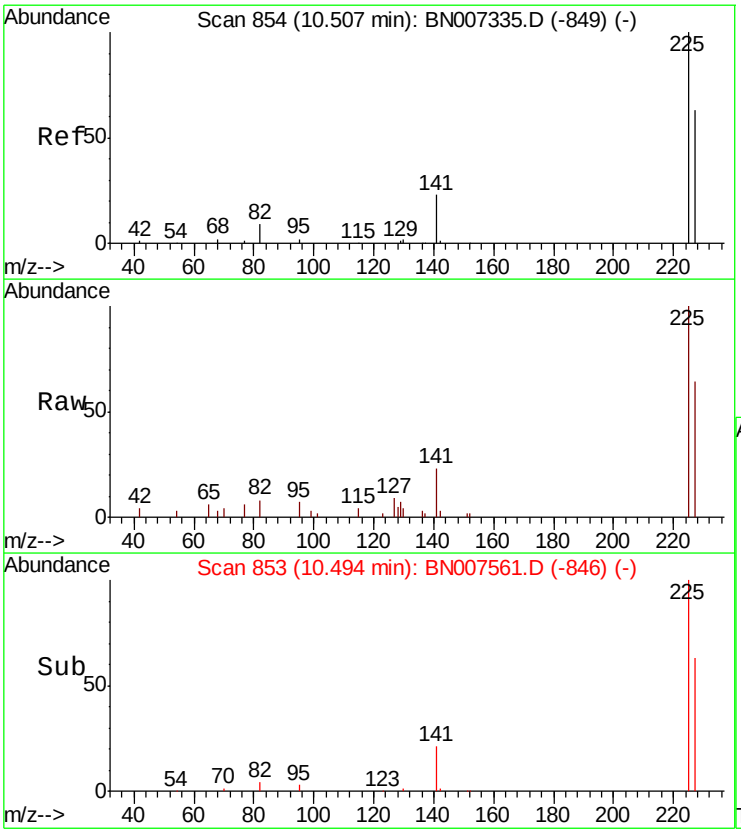
#9
Naphthalene
Concen: 0.391 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 26042

Ion	Ratio	Lower	Upper
128	100		
129	11.2	11.1	16.7
127	13.3	15.5	23.3#

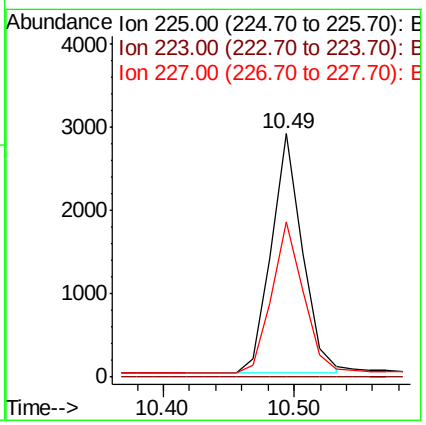


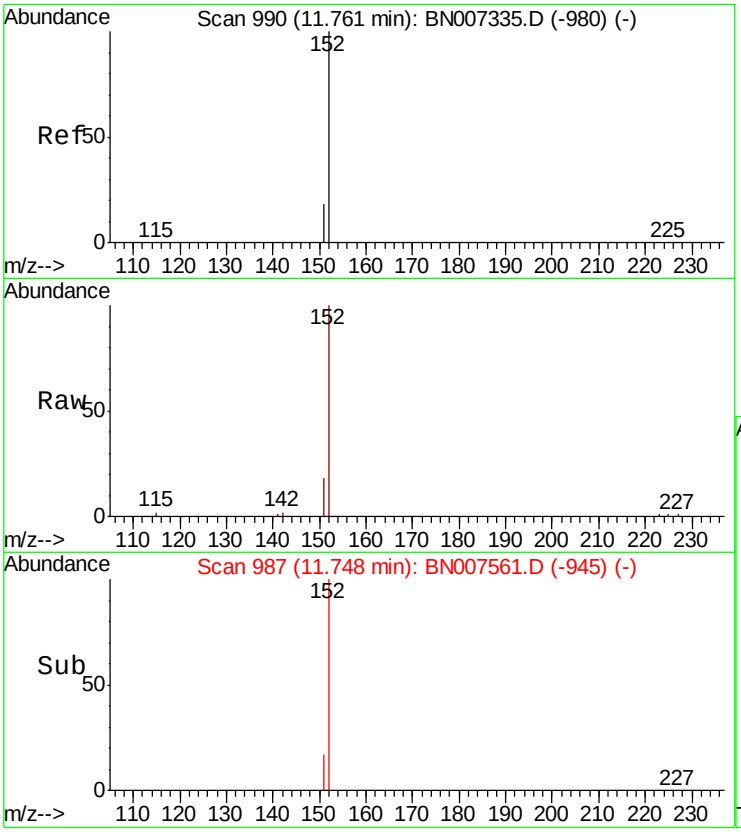


#10
Hexachlorobutadiene
Concen: 0.347 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:225 Resp: 4734

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	50.7	76.1



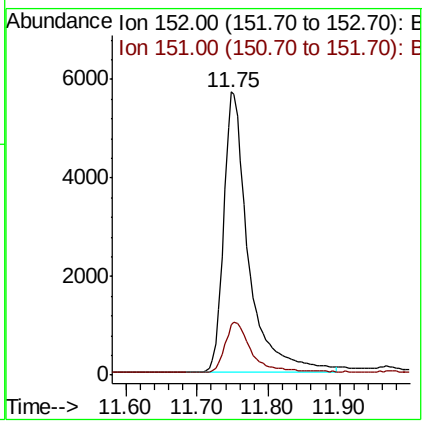


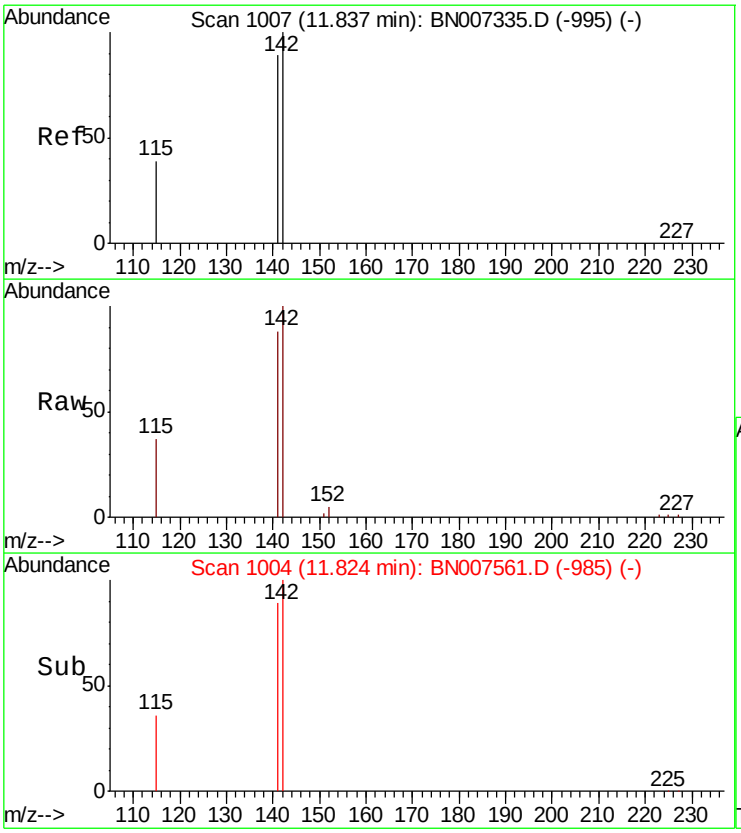
#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 11.75 min Scan# 987
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 13995

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2

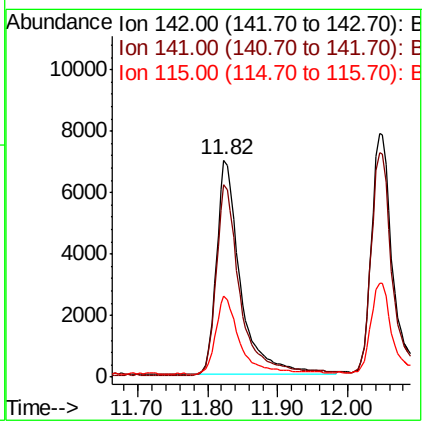


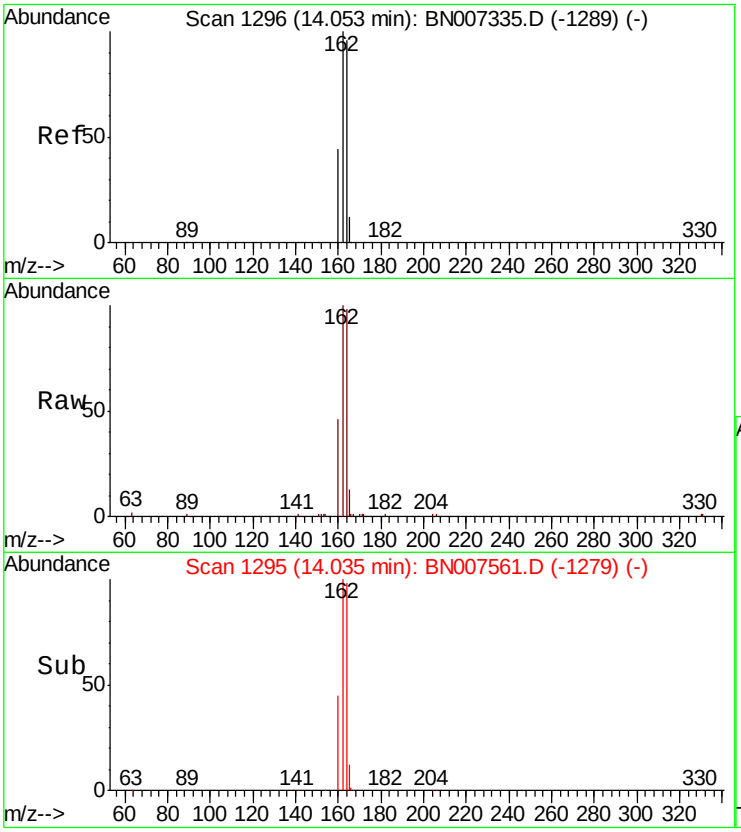


#12
2-Methylnaphthalene
Concen: 0.368 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:142 Resp: 16704

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.8	109.2
115	37.3	35.2	52.8



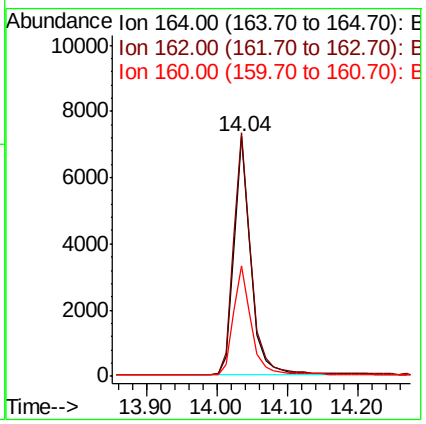


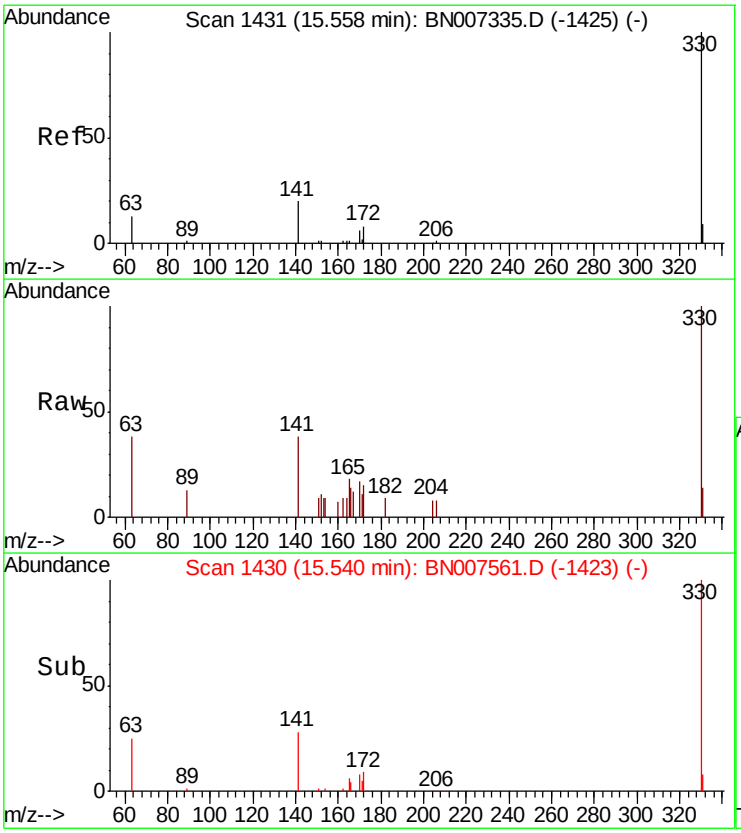
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 12002

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.5	125.3
160	46.4	38.2	57.4

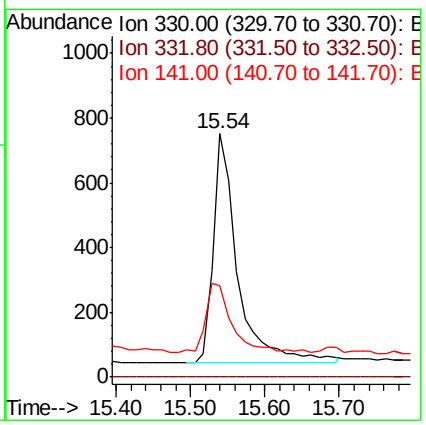


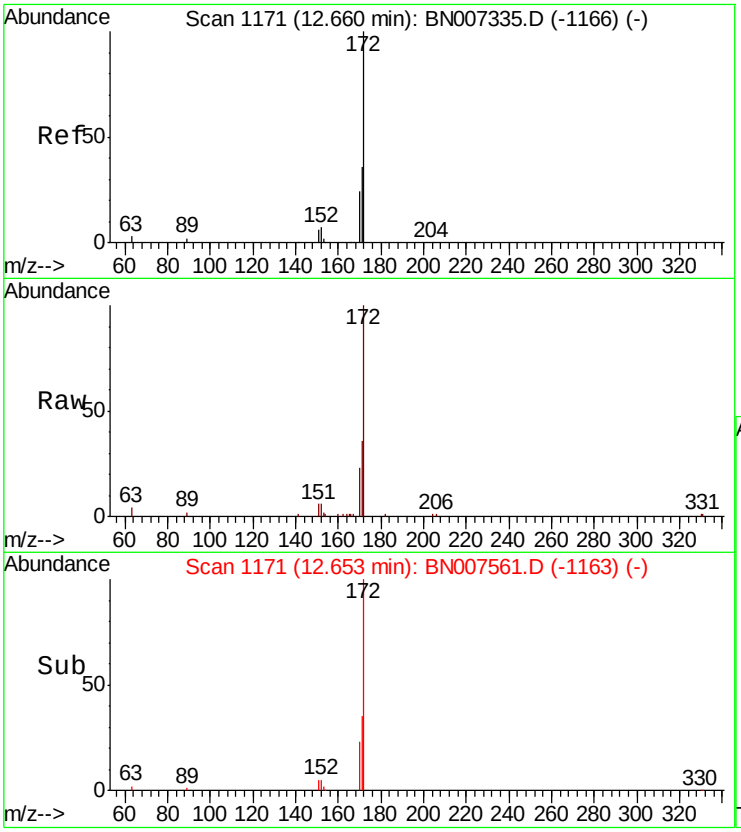


#14
2,4,6-Tribromophenol
Concen: 0.255 ng
RT: 15.54 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:330 Resp: 1599

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.2	26.9	40.3



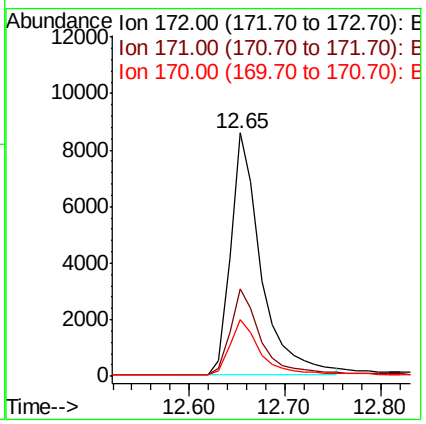


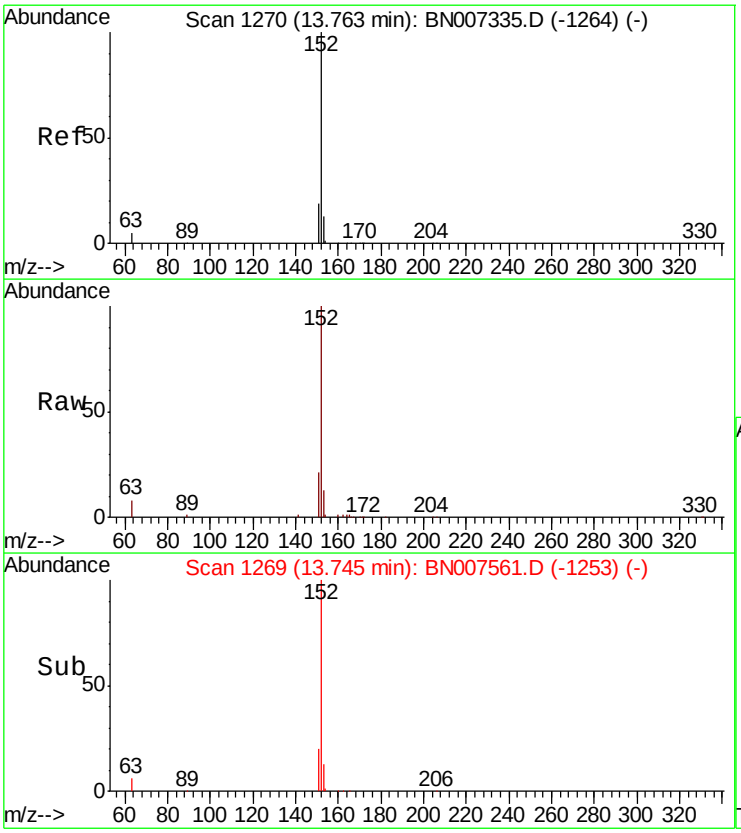
#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 18909

Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.3	45.5
170	23.5	20.7	31.1

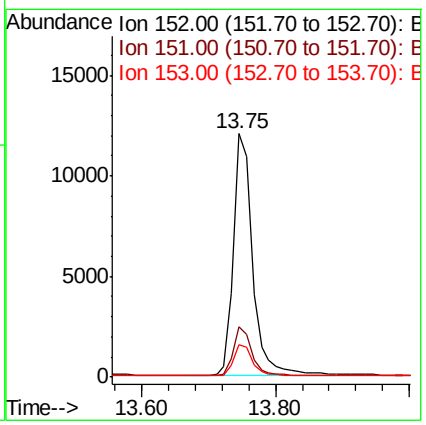


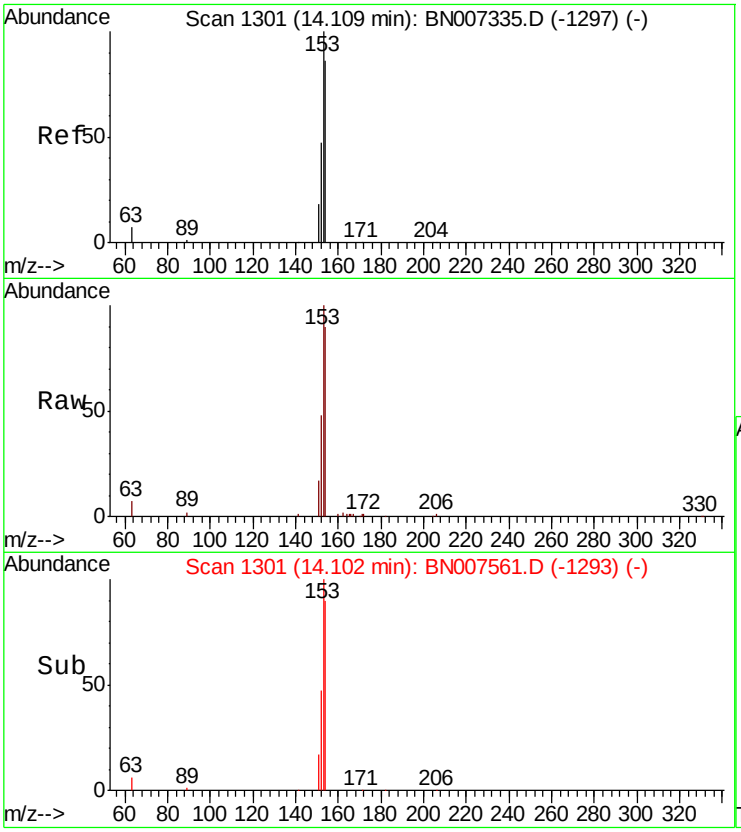


#16
Acenaphthylene
Concen: 0.336 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:152 Resp: 23850

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.0	10.6	15.8



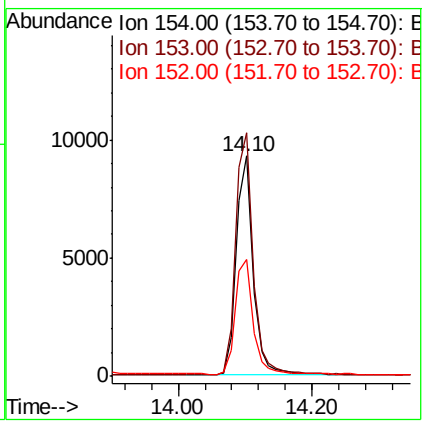


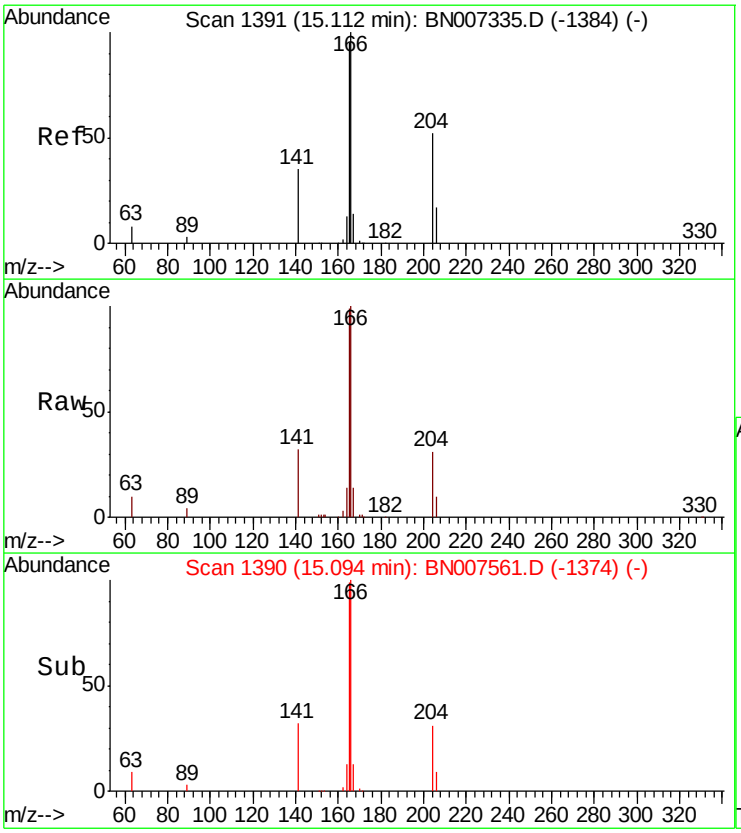
#17
Acenaphthene
Concen: 0.387 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 16061

Ion	Ratio	Lower	Upper
154	100		
153	113.7	92.8	139.2
152	54.7	43.8	65.8

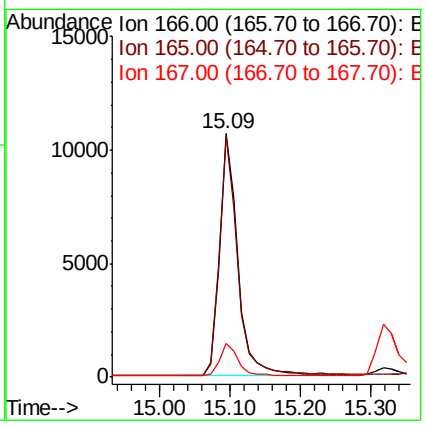


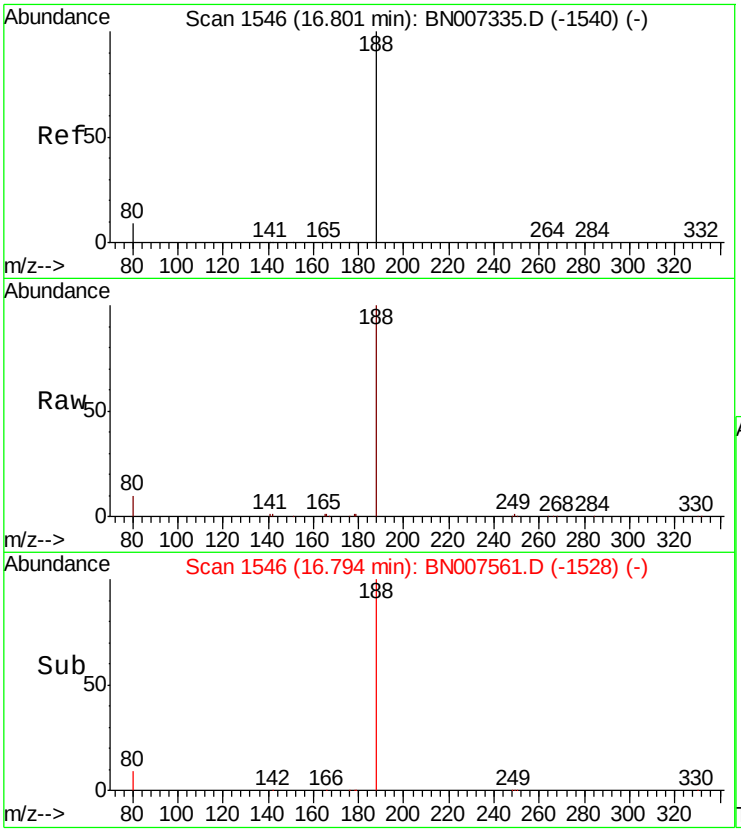


#18
Fluorene
Concen: 0.374 ng
RT: 15.09 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:166 Resp: 19648

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.0	118.4
167	13.4	10.6	15.8



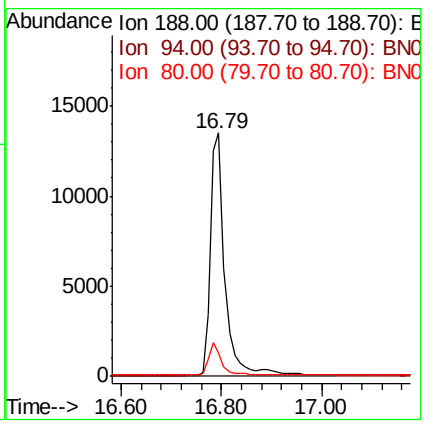


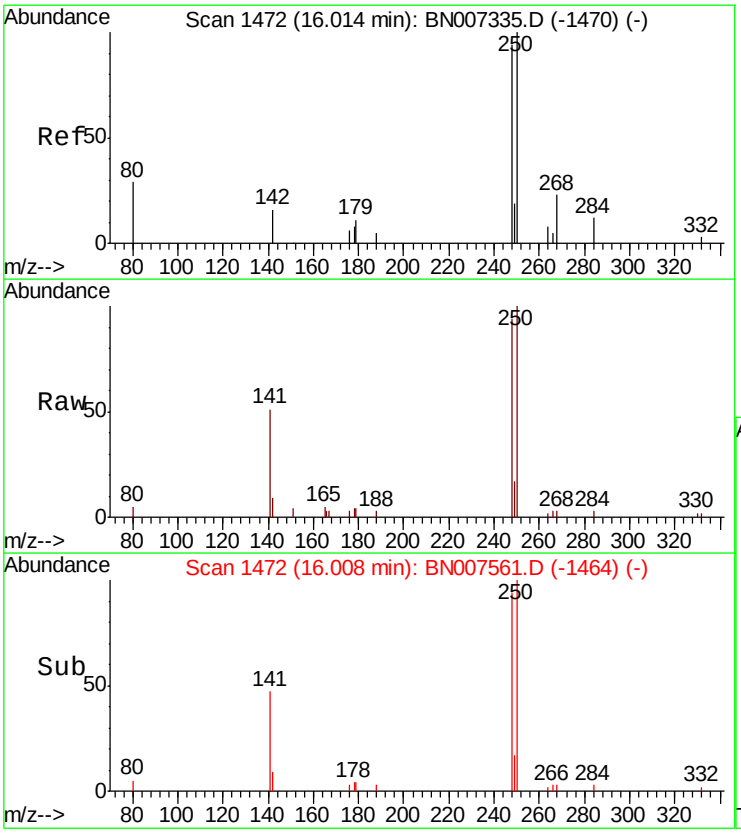
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 27112

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	11.8	17.8#

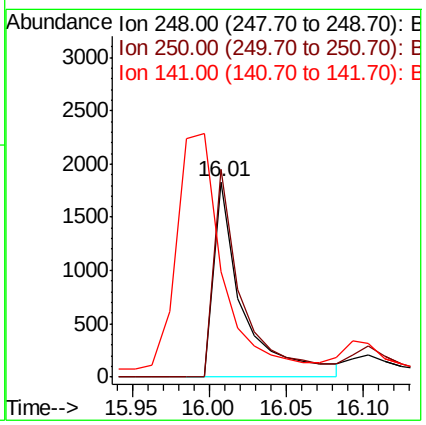


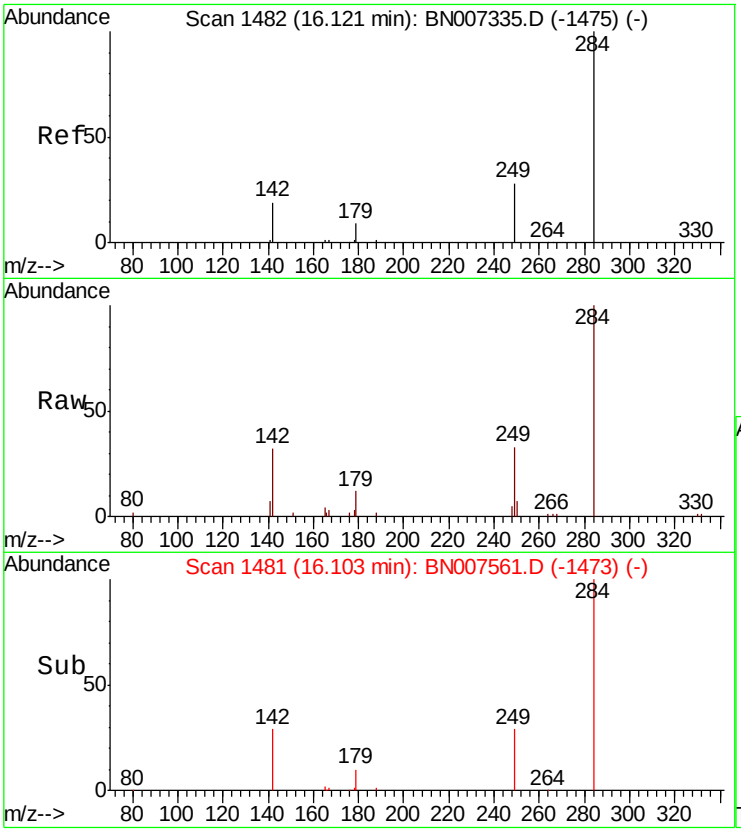


#20
4-Bromophenyl-phenylether
Concen: 0.227 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:248 Resp: 2432

Ion	Ratio	Lower	Upper
248	100		
250	106.1	85.0	127.6
141	54.1	51.7	77.5



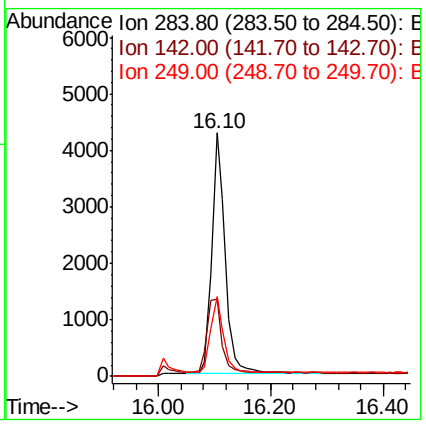


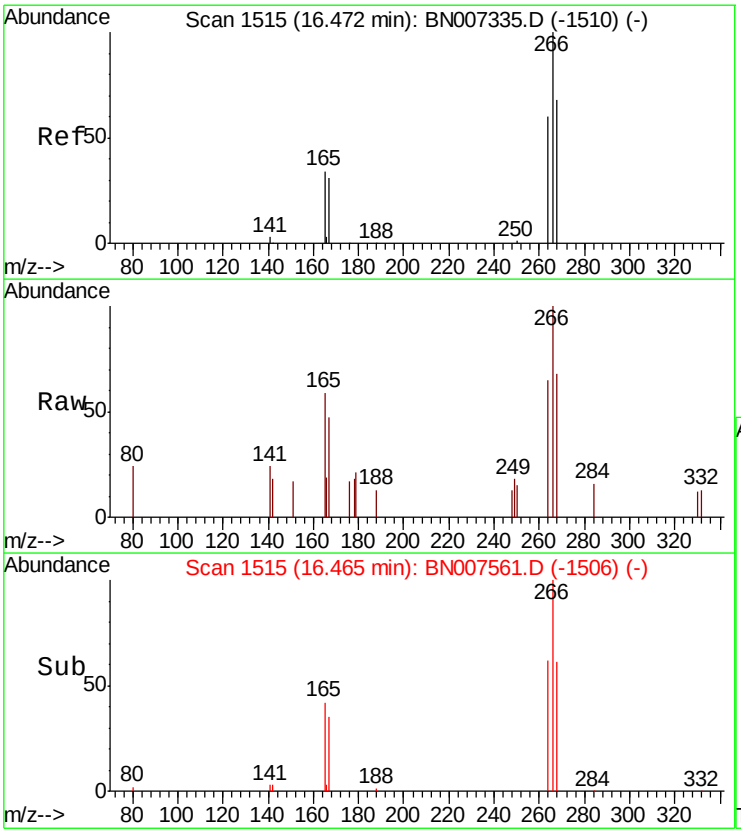
#21
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 7025

Ion	Ratio	Lower	Upper
284	100		
142	33.8	29.0	43.6
249	30.9	24.9	37.3

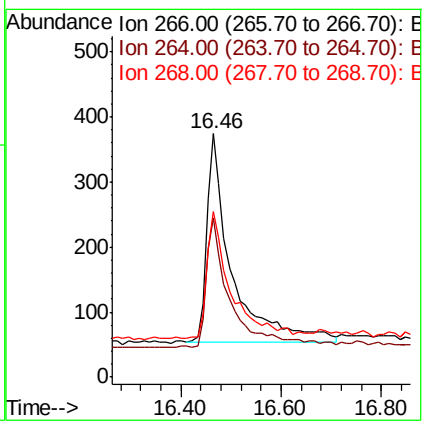


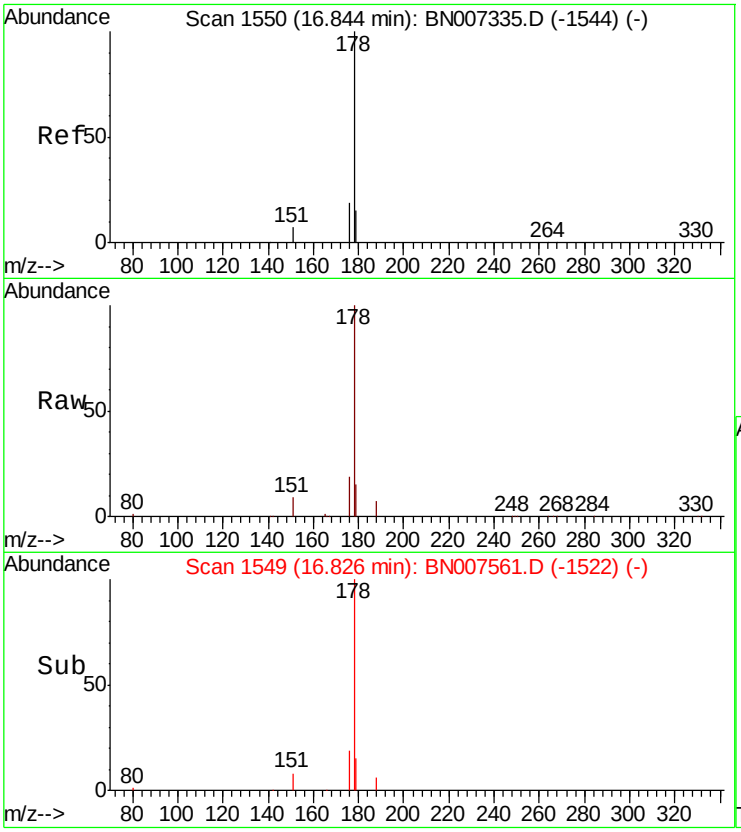


#22
Pentachlorophenol
Concen: 0.194 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:266 Resp: 1098

Ion	Ratio	Lower	Upper
266	100		
264	65.2	57.8	86.8
268	68.2	99.7	149.5#



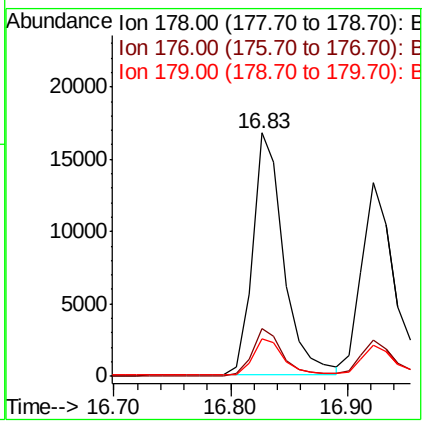


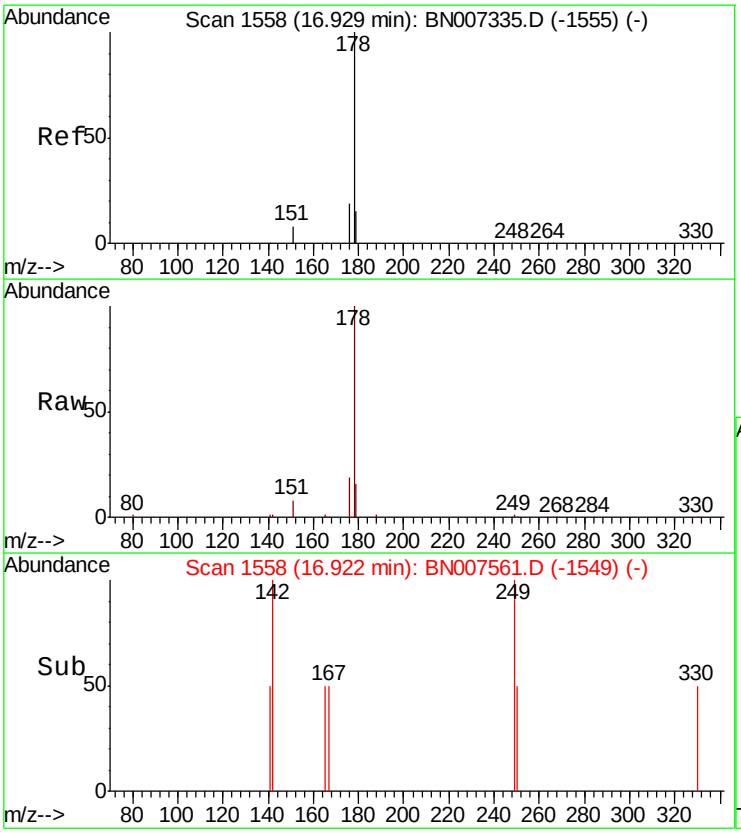
#23
Phenanthrene
Concen: 0.381 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 31065

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.4	12.6	19.0

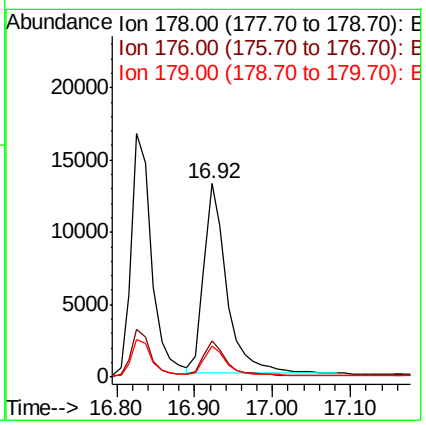


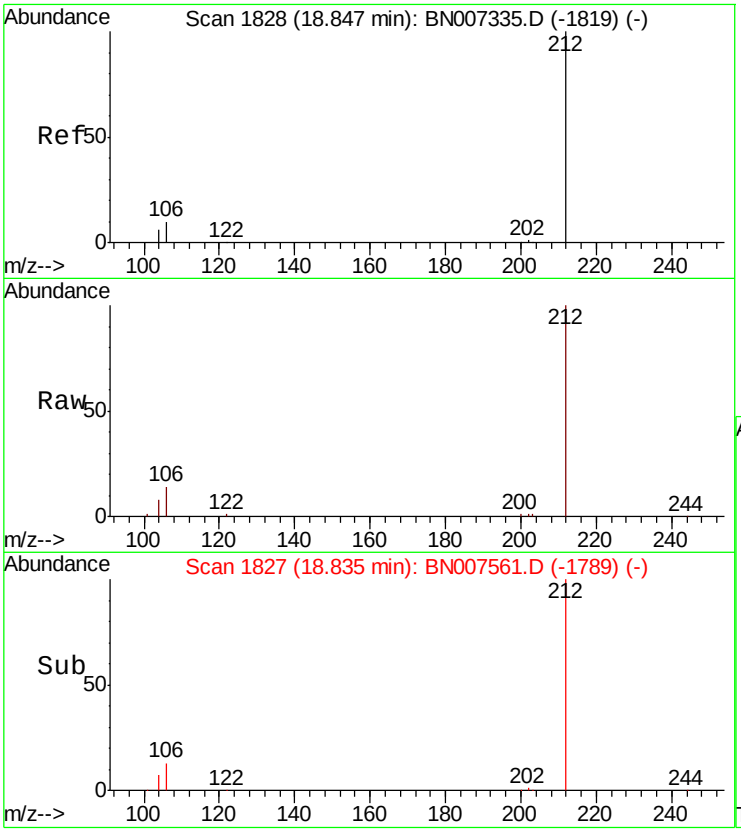


#24
Anthracene
Concen: 0.329 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:178 Resp: 26961

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.0	12.4	18.6



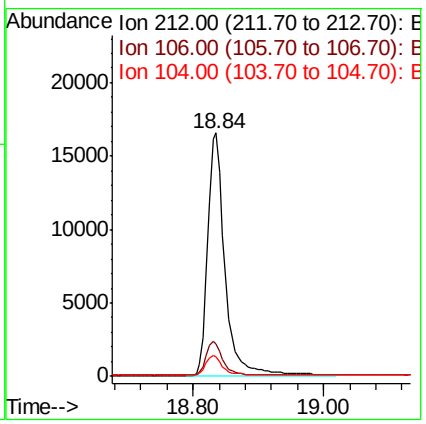


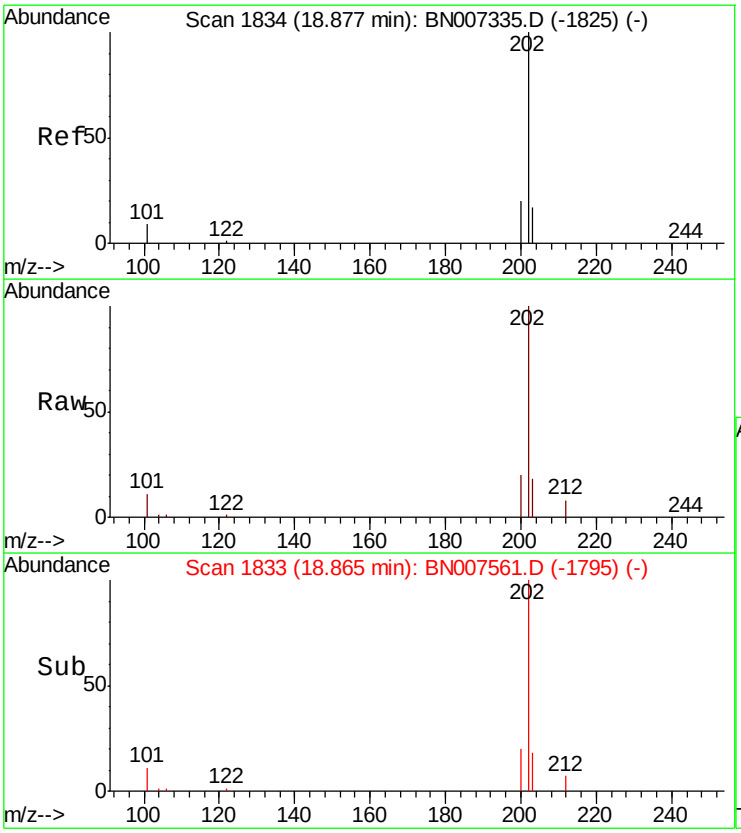
#25
Fluoranthene-d10
Concen: 0.344 ng
RT: 18.84 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 30008

Ion	Ratio	Lower	Upper
212	100		
106	13.7	9.0	13.4#
104	7.8	5.4	8.2

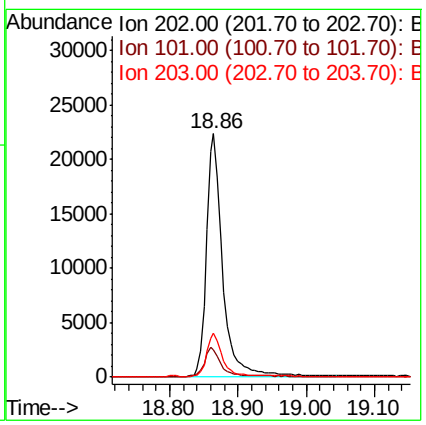


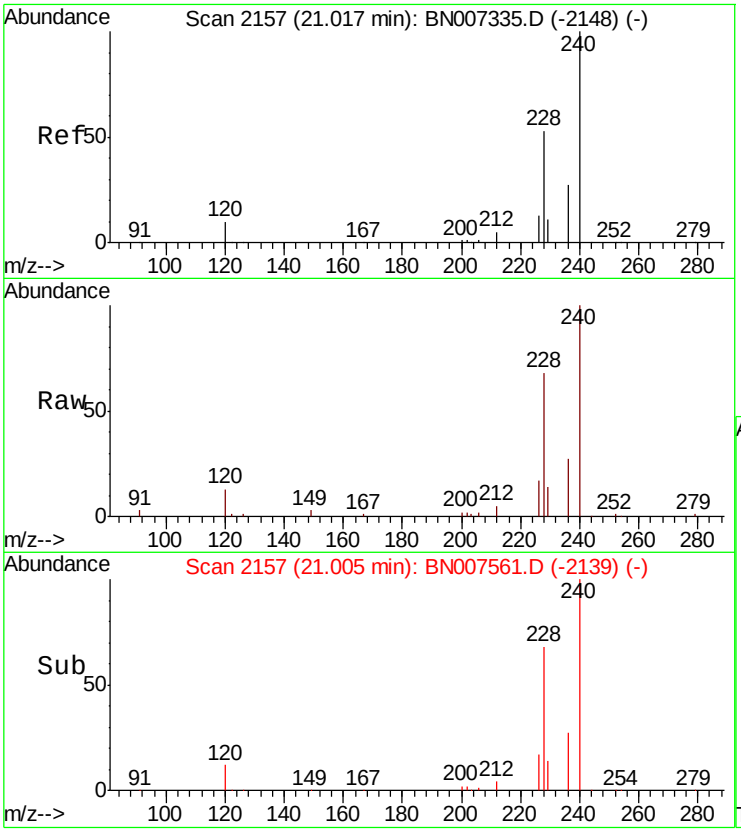


#26
Fluoranthene
Concen: 0.352 ng
RT: 18.86 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:202 Resp: 36832

Ion	Ratio	Lower	Upper
202	100		
101	12.0	7.7	11.5#
203	17.2	13.7	20.5



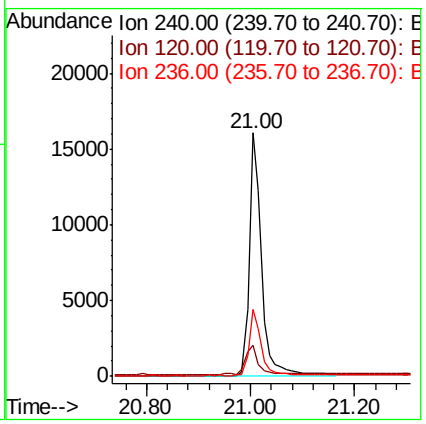


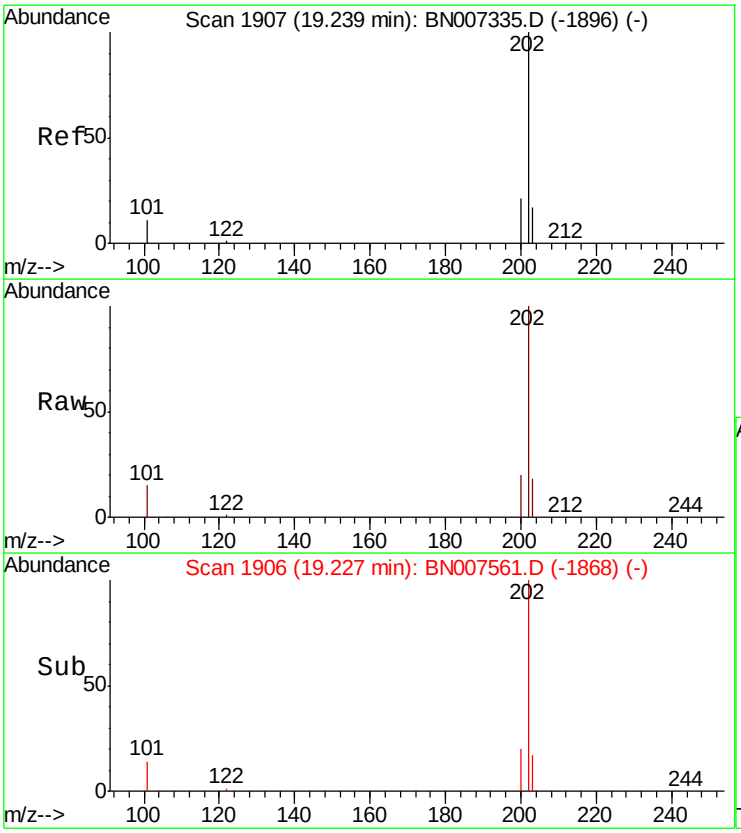
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 25919

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.6	14.4
236	27.5	22.2	33.2

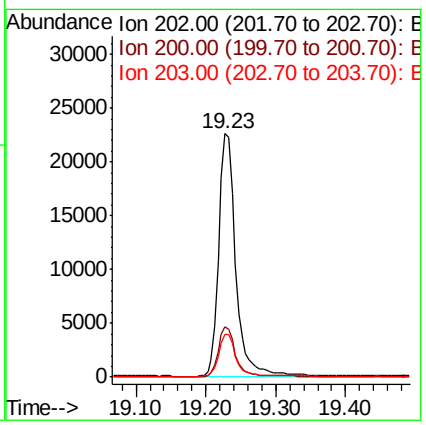


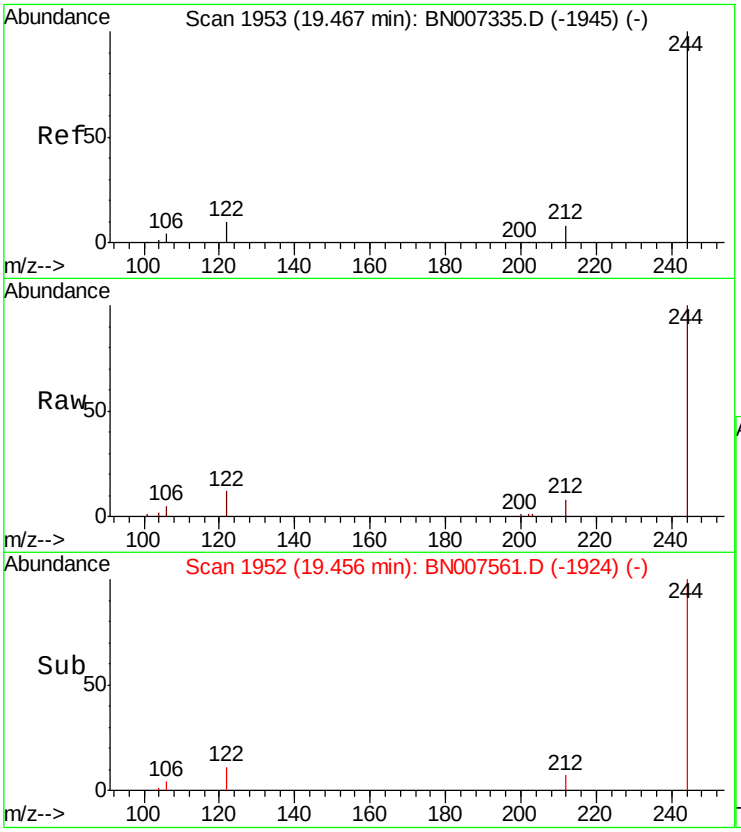


#28
Pyrene
Concen: 0.366 ng
RT: 19.23 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:202 Resp: 38135

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	25.0
203	17.5	14.2	21.4



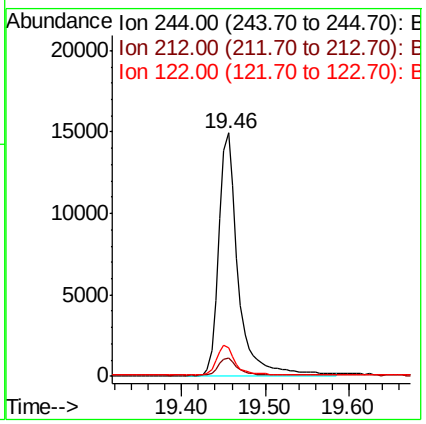


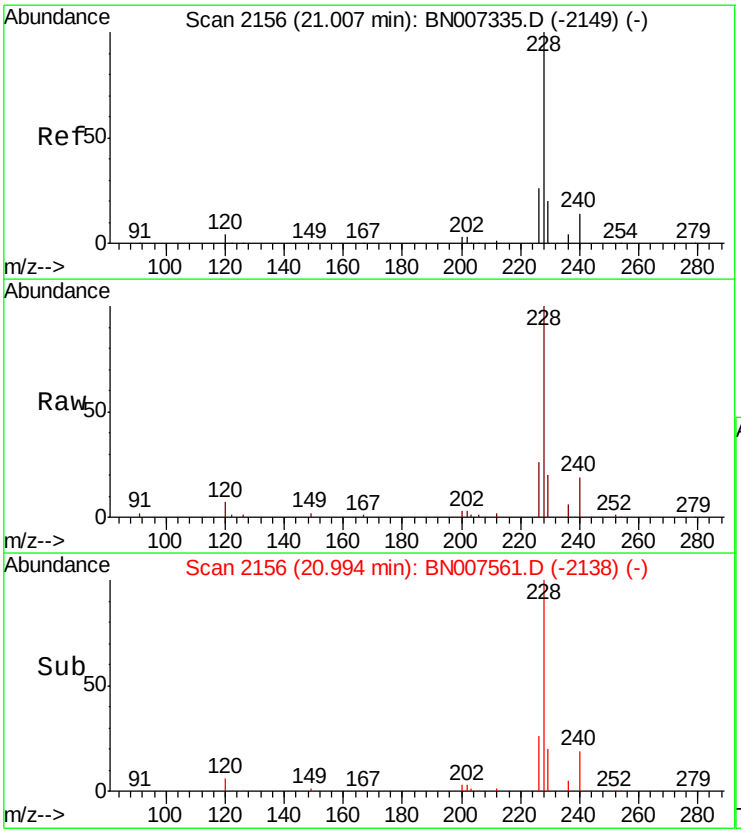
#29
Terphenyl-d14
Concen: 0.353 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 23948

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.0	10.6
122	11.6	9.6	14.4

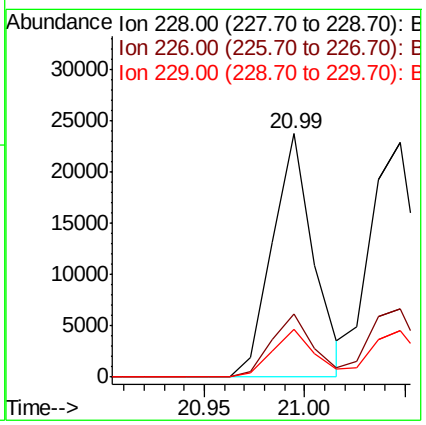


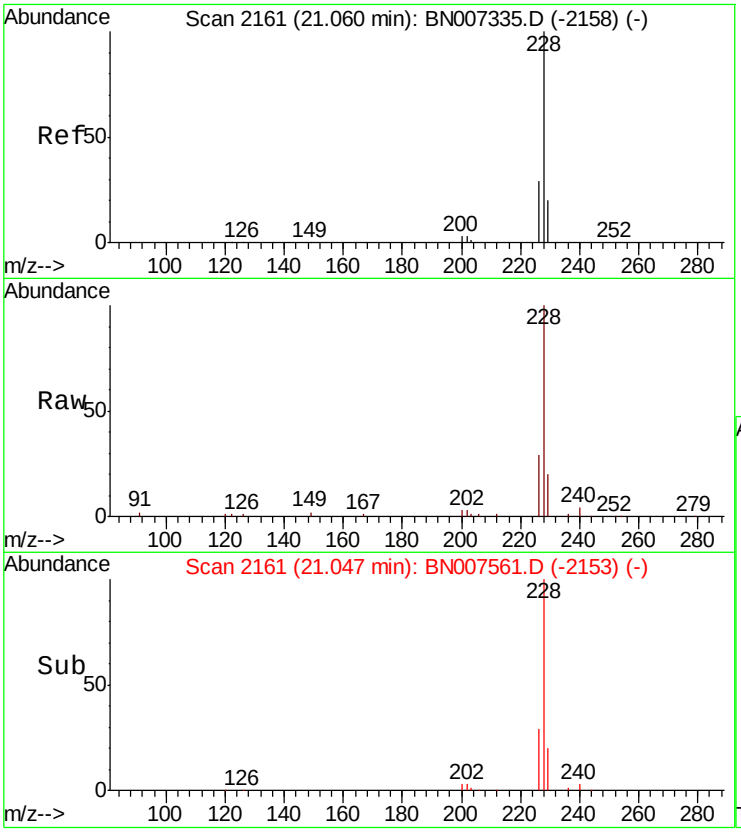


#30
Benzo(a)anthracene
Concen: 0.331 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:228 Resp: 33687

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.3	31.9
229	19.8	16.1	24.1



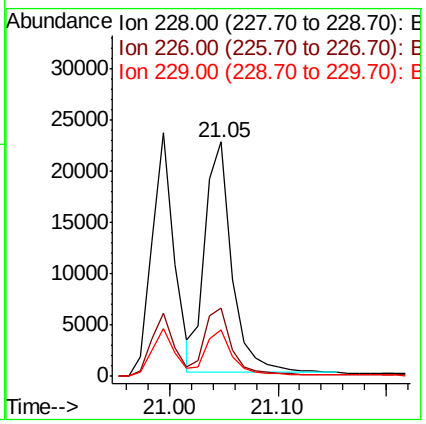


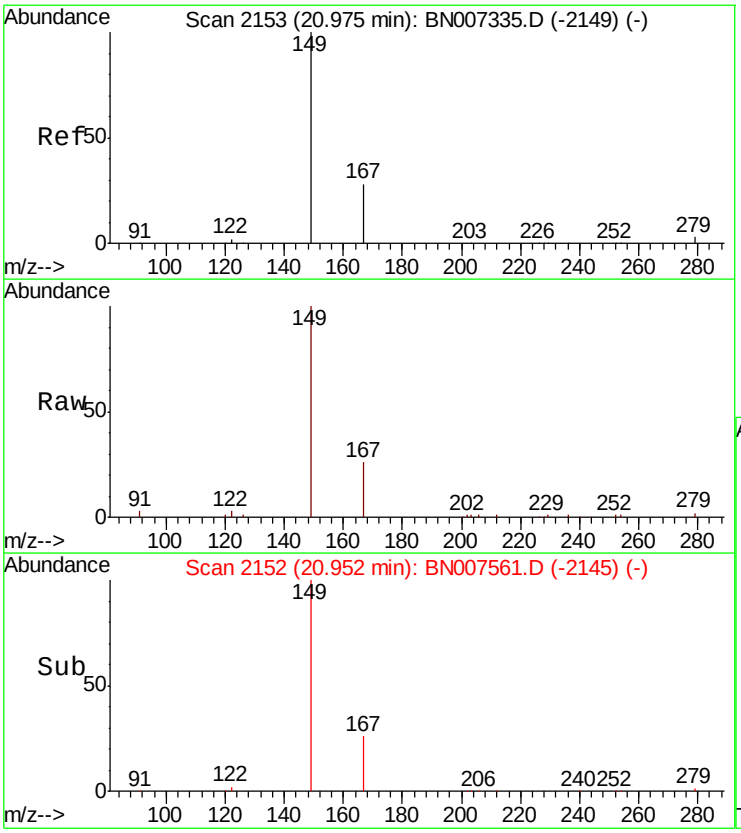
#31
Chrysene
Concen: 0.397 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 39019

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.5	35.3
229	19.9	16.6	24.8

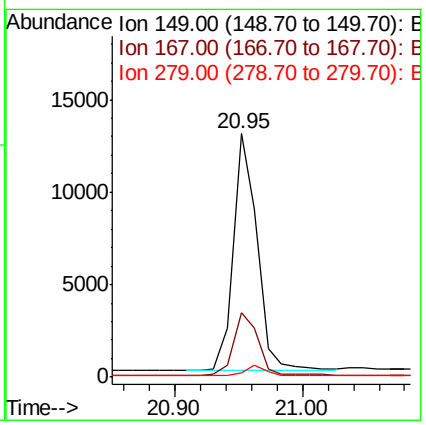


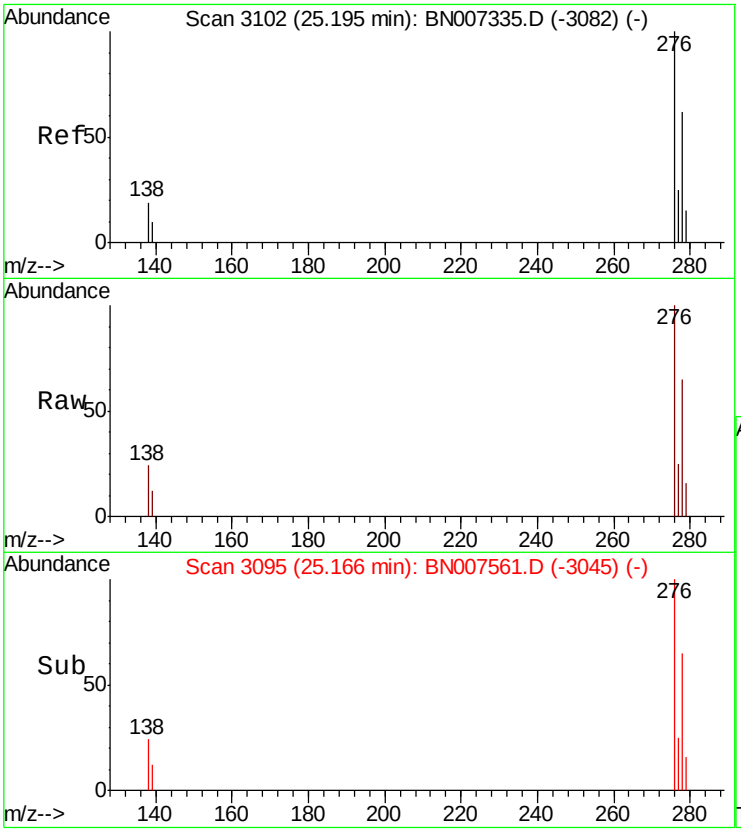


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.230 ng
RT: 20.95 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:149 Resp: 16424

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.8	34.2
279	4.0	3.5	5.3



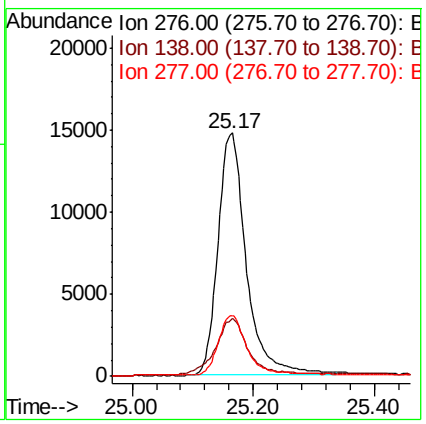


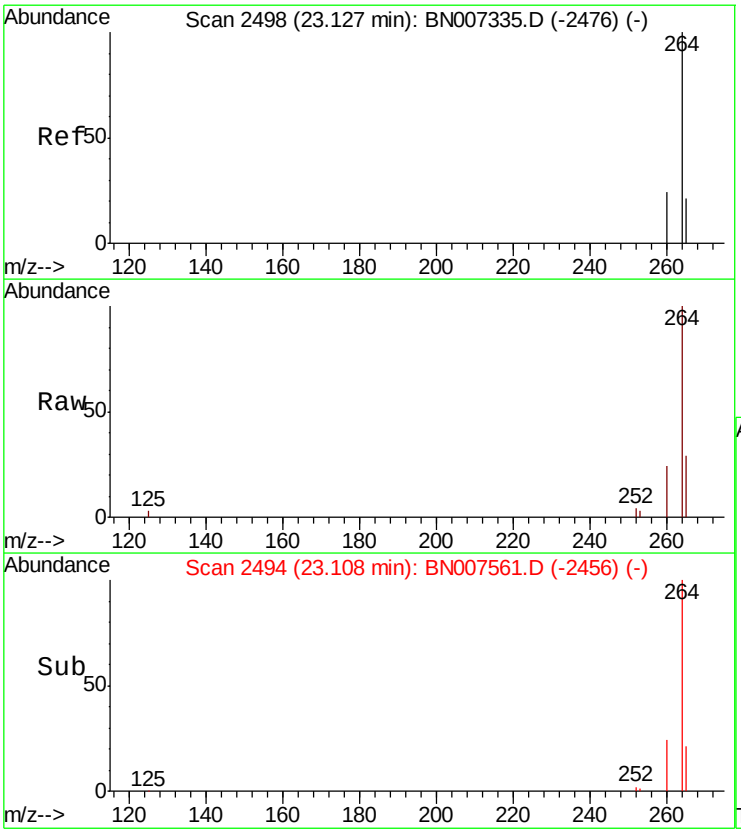
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng
RT: 25.17 min Scan# 3095
Delta R.T. -0.03 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 48332

Ion	Ratio	Lower	Upper
276	100		
138	25.3	15.1	22.7#
277	24.5	19.7	29.5

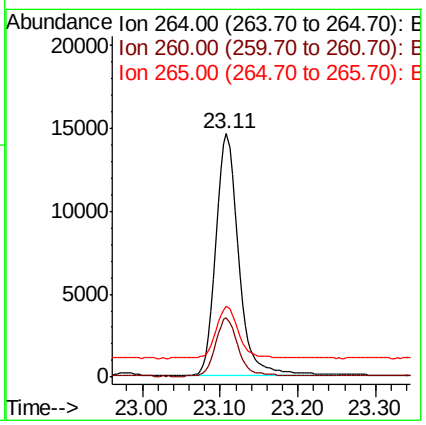


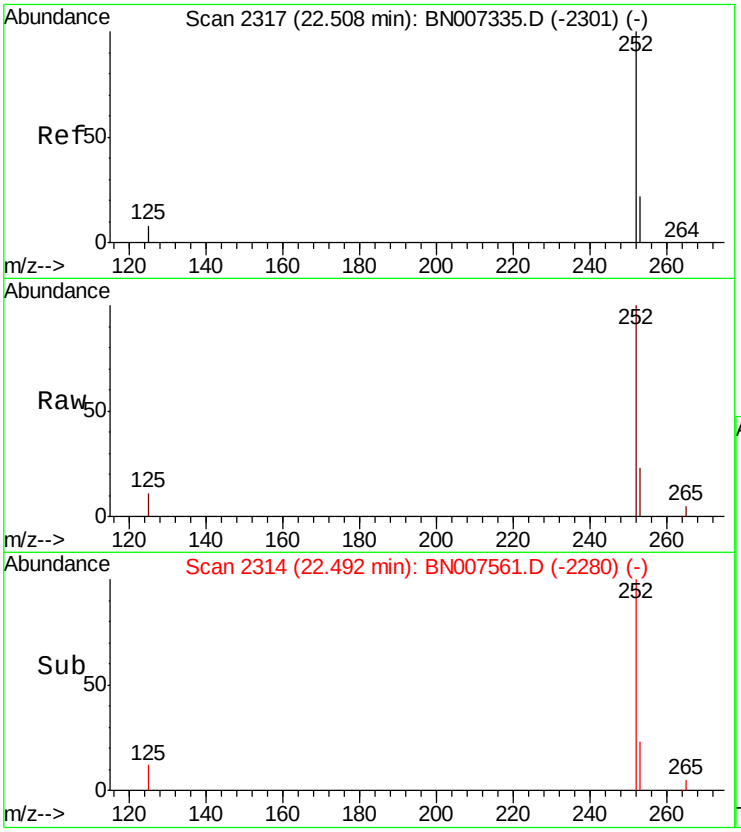


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:264 Resp: 29346

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	28.9	29.9	44.9#



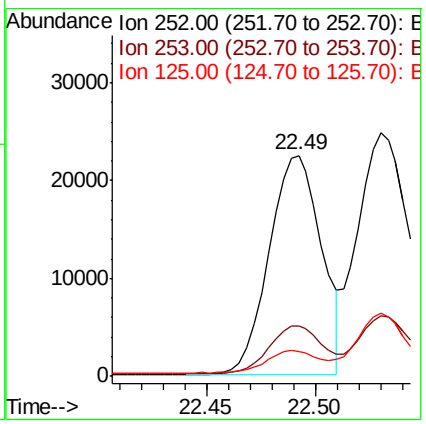


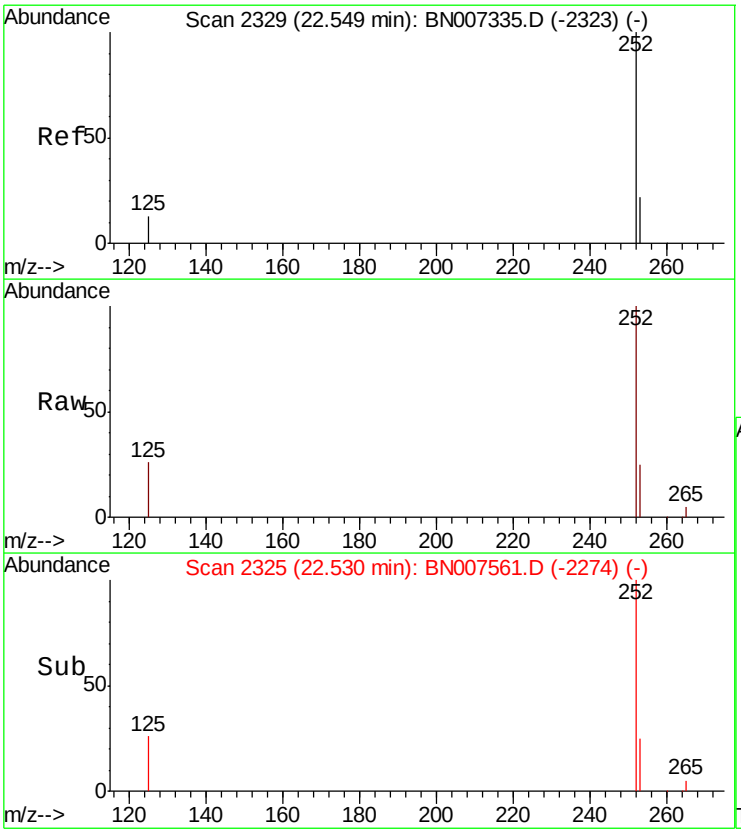
#35
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 22.49 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 37383

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.2	28.8
125	11.5	10.6	16.0

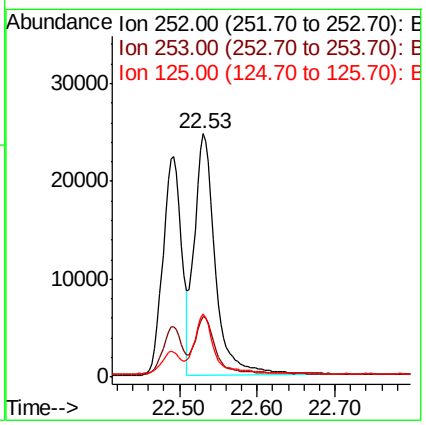


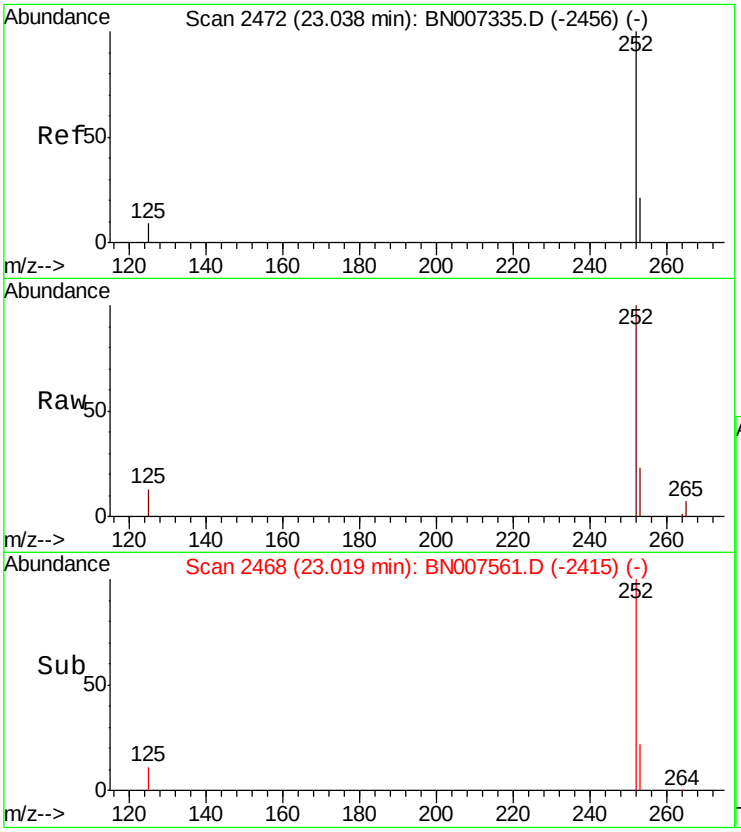


#36
Benzo(k)fluoranthene
Concen: 0.441 ng
RT: 22.53 min Scan# 2325
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:252 Resp: 46293

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.4	29.2
125	25.7	13.1	19.7#



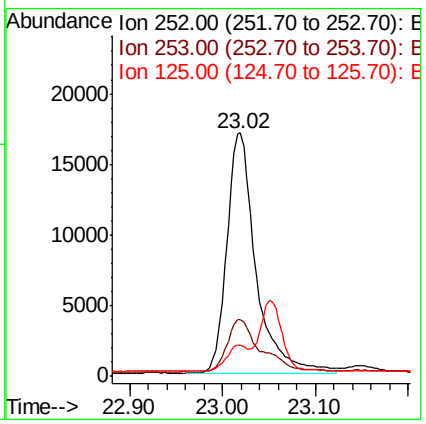


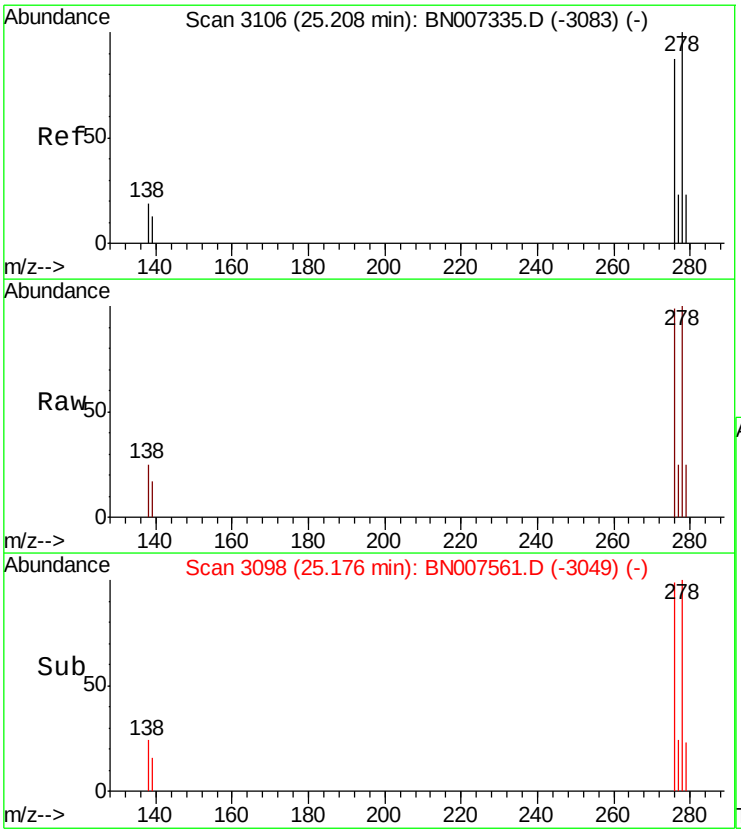
#37
Benzo(a)pyrene
Concen: 0.368 ng
RT: 23.02 min Scan# 2468
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 37213

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.5	29.3
125	12.9	12.1	18.1

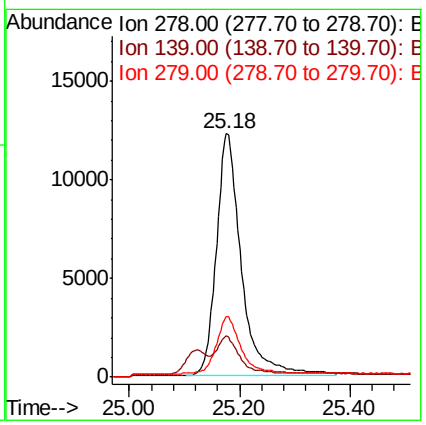


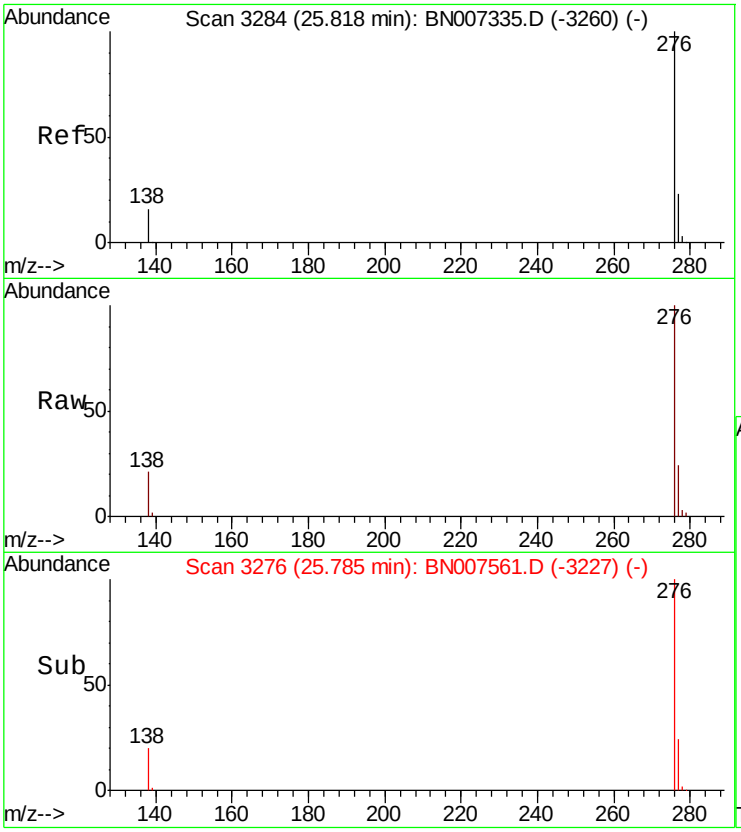


#38
Dibenzo(a,h)anthracene
Concen: 0.383 ng
RT: 25.18 min Scan# 3098
Delta R.T. -0.03 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:278 Resp: 38617

Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.7	20.5
279	24.7	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.388 ng
RT: 25.79 min Scan# 3276
Delta R.T. -0.03 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 39061

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	21.1	16.3	24.5