Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
Data File : BN007407.D
Acq On : 26 Aug 2019 12:54
Operator : HP/JU
Sample : PB122289BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 26 17:26:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5553	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	21601	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	10995	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	24801	0.40	ng		0.00
27) Chrysene-d12	21.03	240	25736	0.40	ng		0.00
34) Perylene-d12	23.13	264	25844	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	5966	0.30	ng		0.00
5) Phenol-d6	6.59	99	6967	0.27	ng		0.00
8) Nitrobenzene-d5	8.53	82	6032	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	12174	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1734	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	16297	0.37	ng		0.00
25) Fluoranthene-d10	18.84	212	26451	0.33	ng		0.00
29) Terphenyl-d14	19.47	244	19189	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	3429	0.372	ng	#	75
3) n-Nitrosodimethylamine	3.33	42	1218	0.284	ng	#	87
6) bis(2-Chloroethyl)ether	6.84	93	6736	0.336	ng		96
9) Naphthalene	10.20	128	21961	0.356	ng	#	90
10) Hexachlorobutadiene	10.51	225	4219	0.334	ng	#	99
12) 2-Methylnaphthalene	11.83	142	14130	0.336	ng		97
16) Acenaphthylene	13.76	152	21264	0.327	ng		99
17) Acenaphthene	14.10	154	13576	0.357	ng		97
18) Fluorene	15.10	166	16319	0.339	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	3485	0.356	ng		95
21) Hexachlorobenzene	16.11	284	6153	0.370	ng		97
22) Pentachlorophenol	16.46	266	3295	0.638	ng	#	63
23) Phenanthrene	16.84	178	26202	0.351	ng		99
24) Anthracene	16.93	178	22903	0.305	ng		100
26) Fluoranthene	18.87	202	32431	0.339	ng		100
28) Pyrene	19.24	202	33071	0.319	ng		99
30) Benzo(a)anthracene	21.00	228	29626	0.293	ng		99
31) Chrysene	21.06	228	30636	0.314	ng		99
32) Bis(2-ethylhexyl)phthalate	20.97	149	12356	0.170	ng		99
33) Indeno(1,2,3-cd)pyrene	25.19	276	36895	0.314	ng		98
35) Benzo(b)fluoranthene	22.55	252	31474	0.336	ng		99
36) Benzo(k)fluoranthene	22.55	252	31474	0.340	ng	#	95
37) Benzo(a)pyrene	23.04	252	28412	0.319	ng	#	96
38) Dibenzo(a,h)anthracene	25.21	278	29352	0.330	ng		98
39) Benzo(g,h,i)perylene	25.82	276	30625	0.346	ng		98

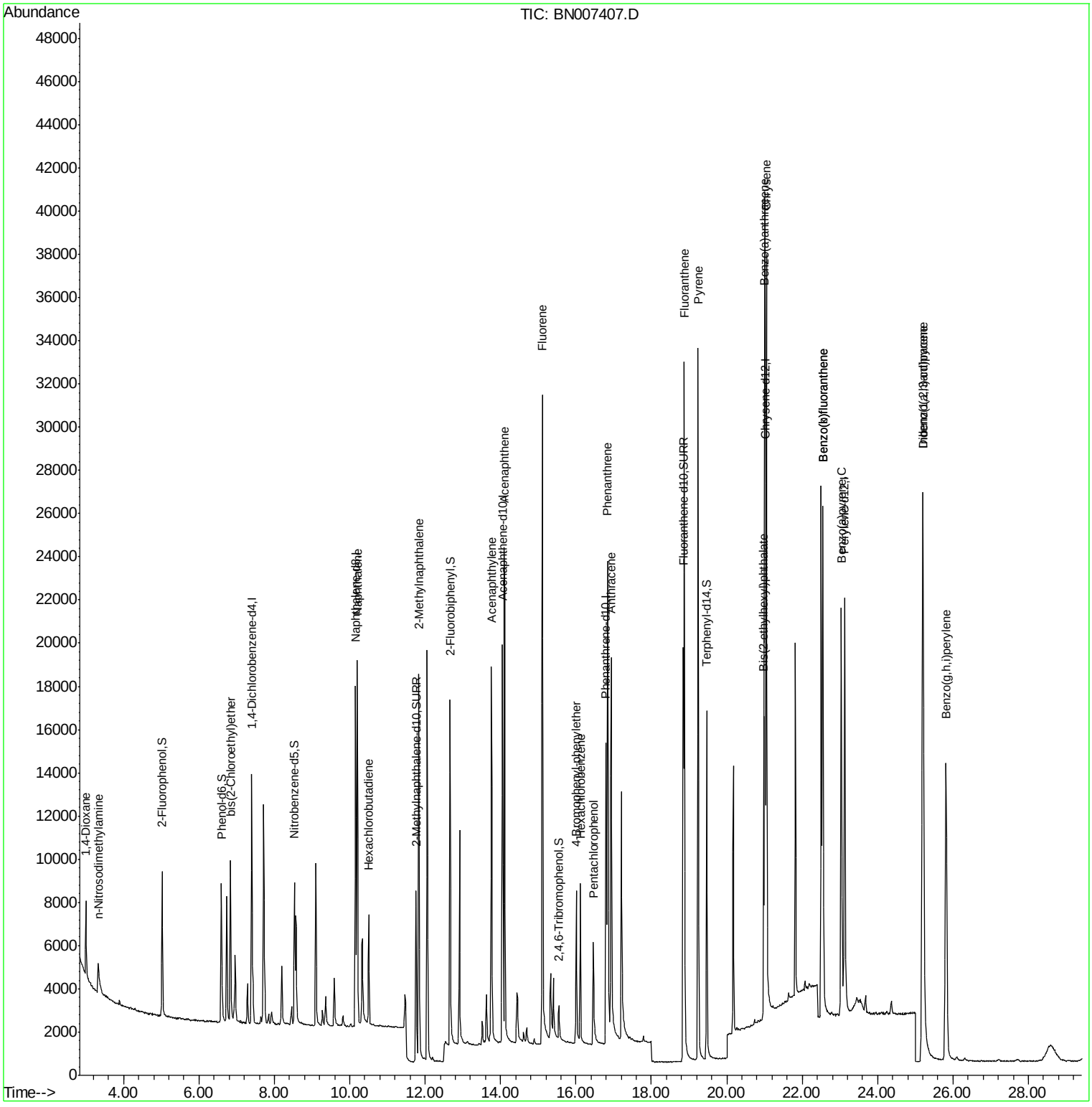
(#) = qualifier out of range (m) = manual integration (+) = signals summed

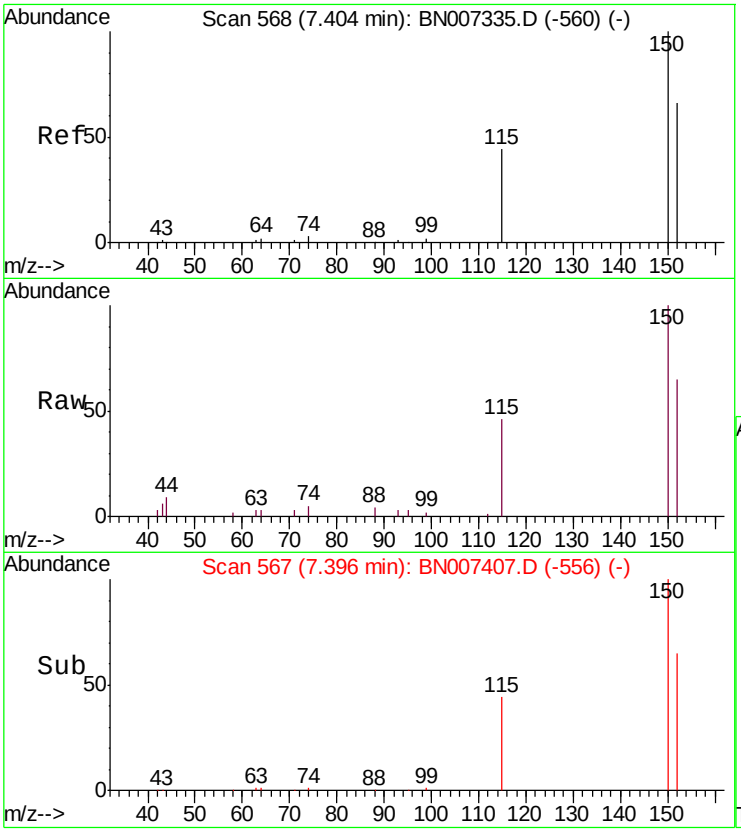
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
Data File : BN007407.D
Acq On : 26 Aug 2019 12:54
Operator : HP/JU
Sample : PB122289BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 26 17:26:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration



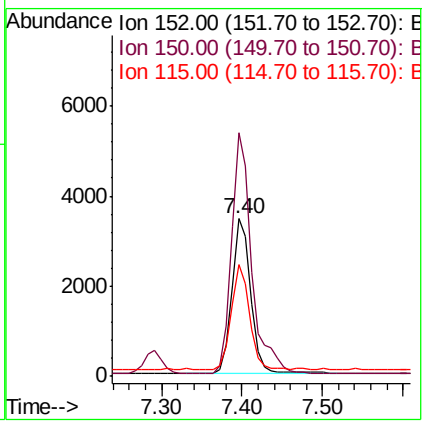


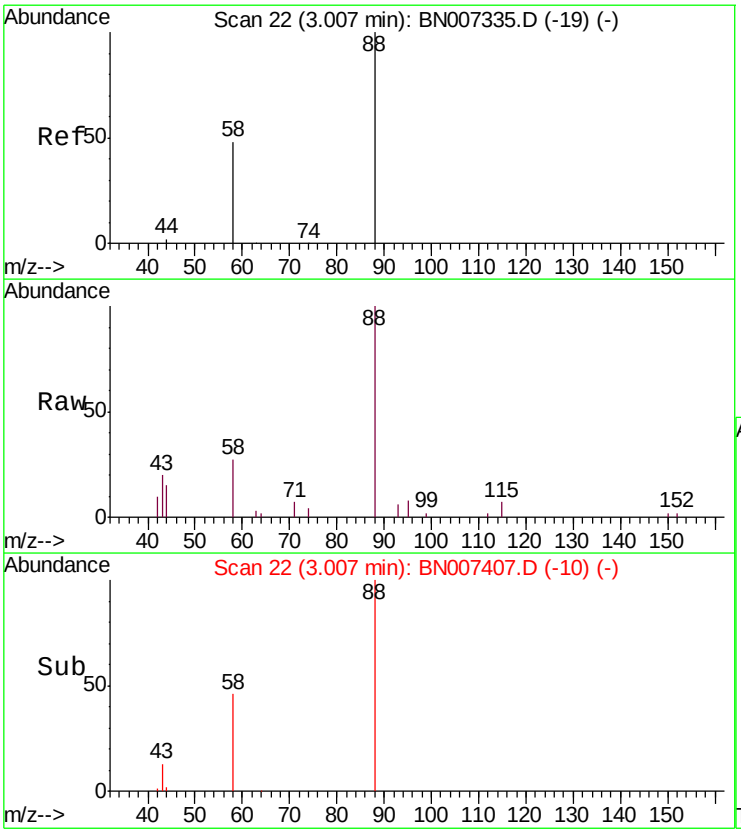
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5553

Ion	Ratio	Lower	Upper
152	100		
150	154.8	109.1	163.7
115	71.3	59.6	89.4

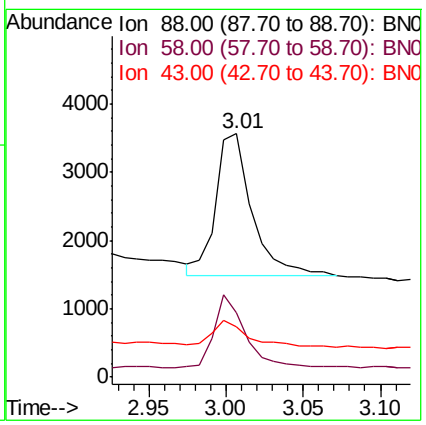


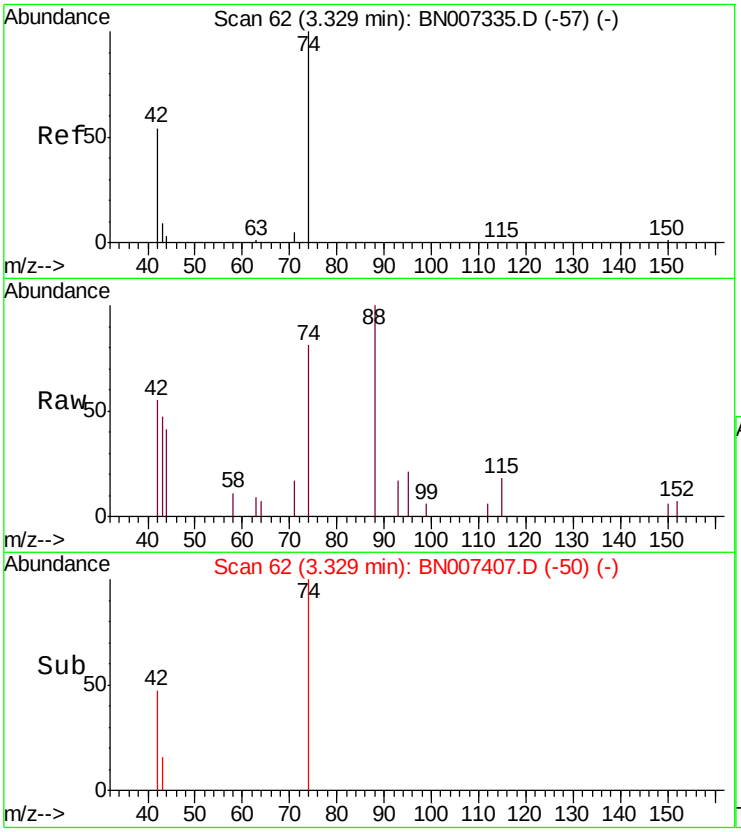


#2
1,4-Dioxane
Concen: 0.372 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion: 88 Resp: 3429

Ion	Ratio	Lower	Upper
88	100		
58	43.7	50.5	75.7#
43	18.9	0.0	0.0#



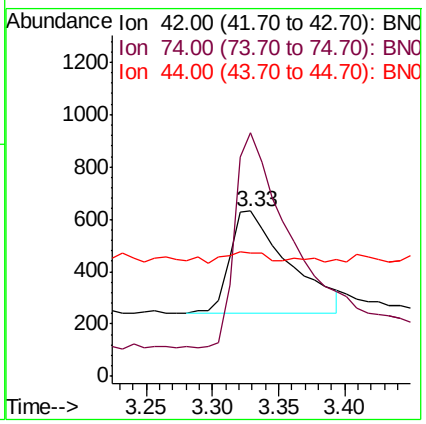


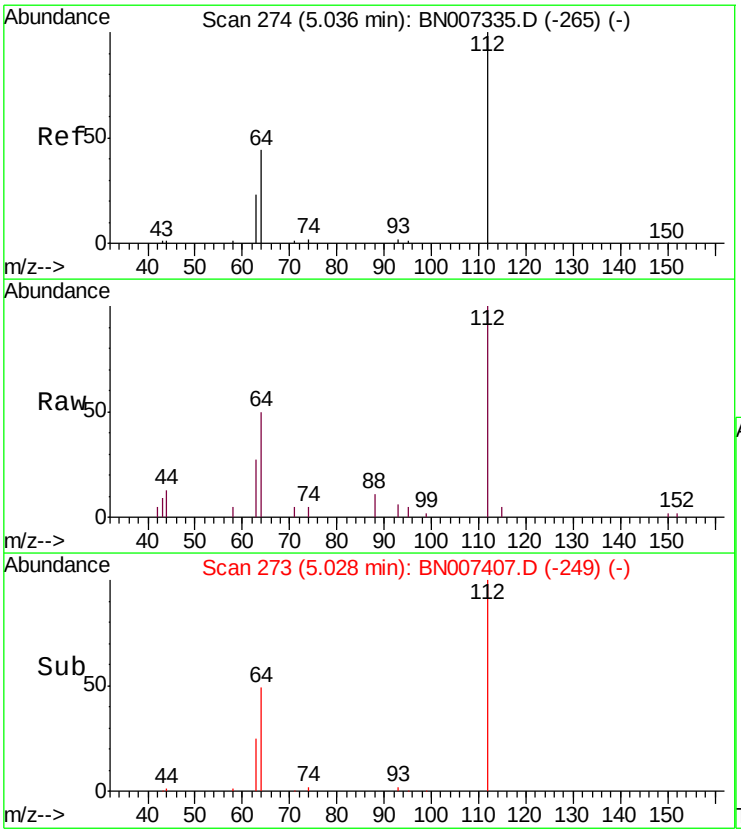
#3
n-Nitrosodimethylamine
Concen: 0.284 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1218

Ion	Ratio	Lower	Upper
42	100		
74	199.0	144.7	217.1
44	8.5	3.2	4.8#

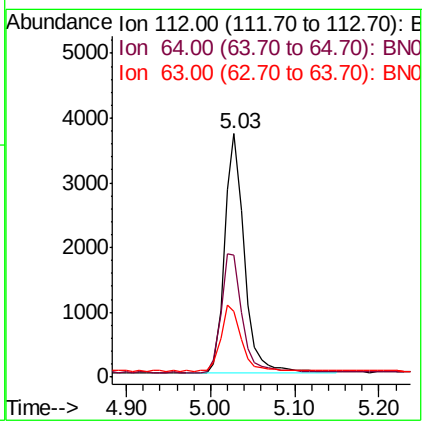


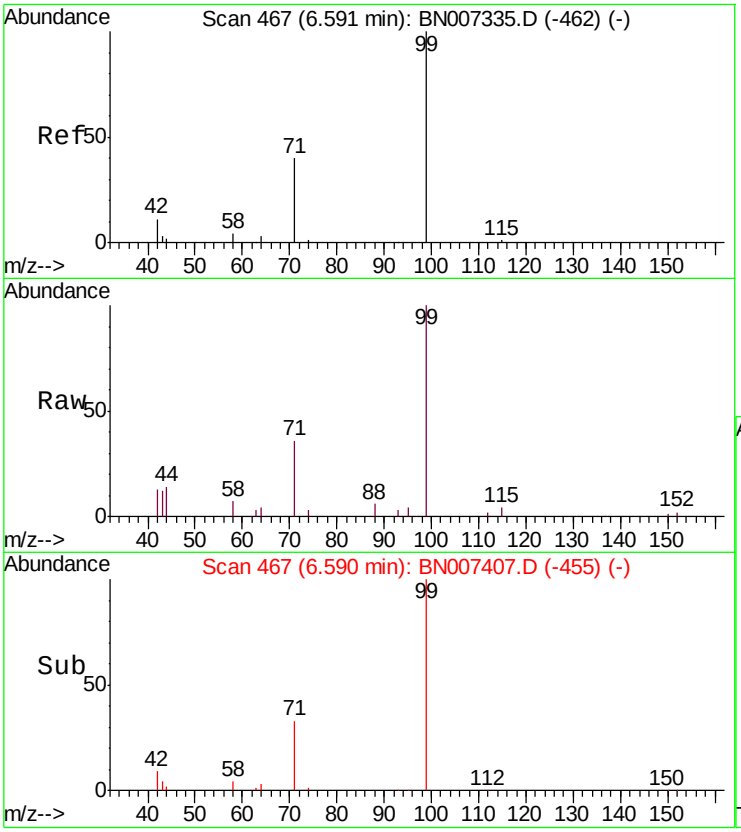


#4
2-Fluorophenol
Concen: 0.303 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:112 Resp: 5966

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.3	63.5
63	28.8	23.6	35.4



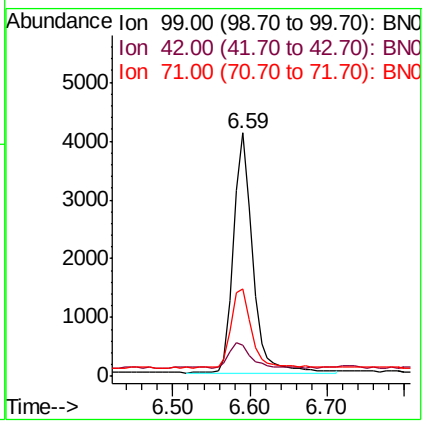


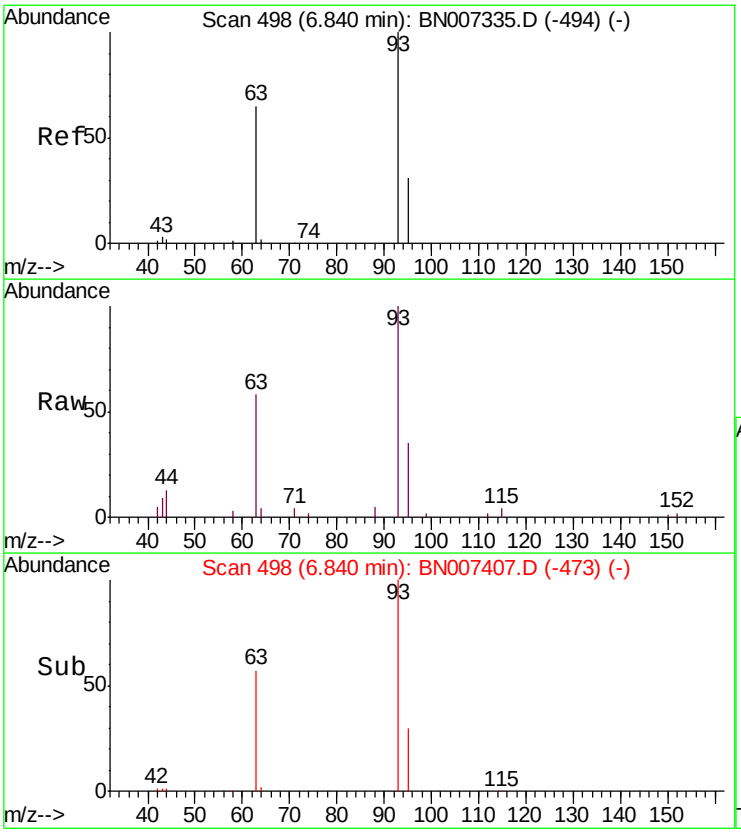
#5
Phenol-d6
Concen: 0.275 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6967

Ion	Ratio	Lower	Upper
99	100		
42	12.1	11.2	16.8
71	35.3	31.8	47.8

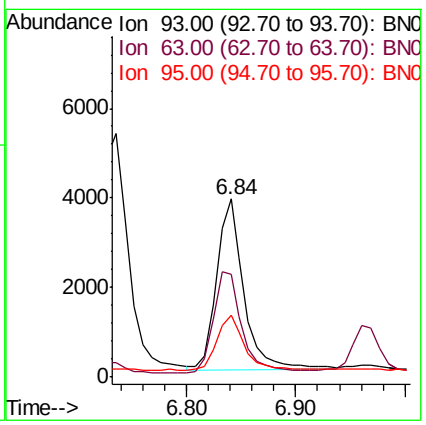


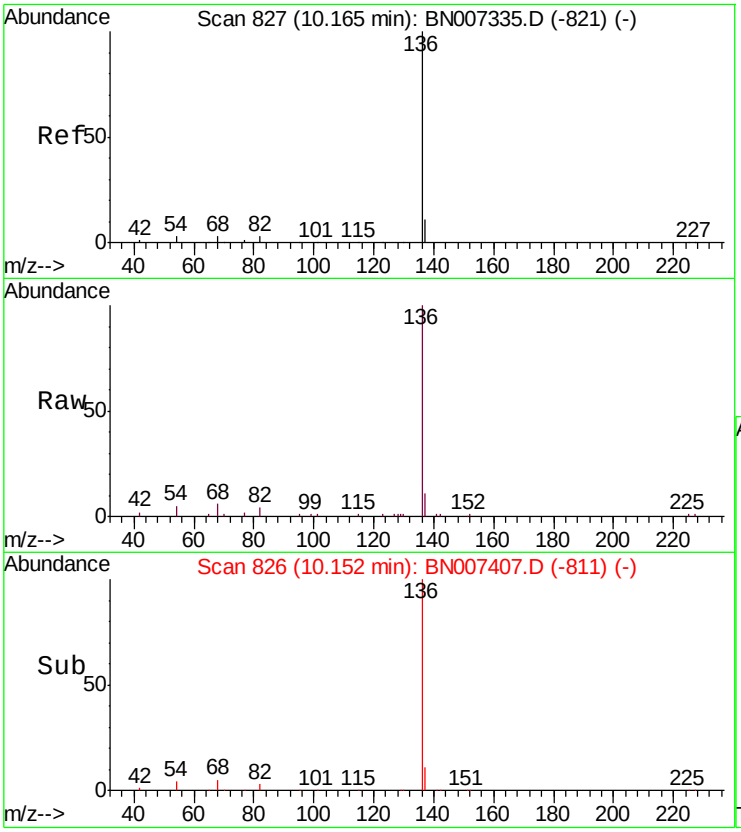


#6
bis(2-Chloroethyl)ether
Concen: 0.336 ng
RT: 6.84 min Scan# 498
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion: 93 Resp: 6736

Ion	Ratio	Lower	Upper
93	100		
63	62.1	51.9	77.9
95	31.8	27.7	41.5



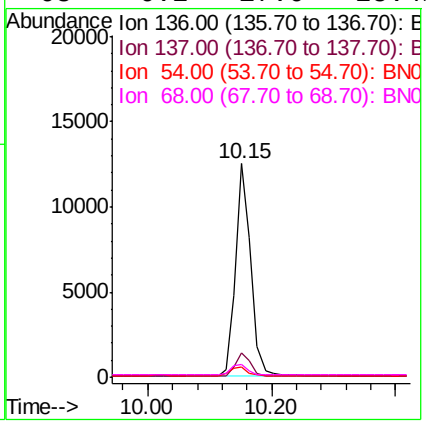


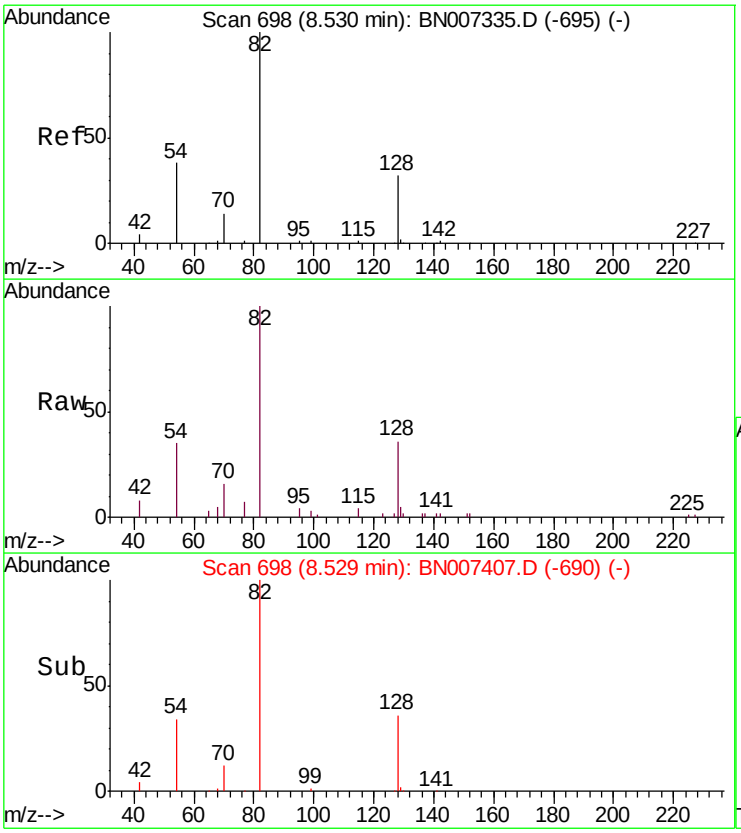
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 21601

Ion	Ratio	Lower	Upper
136	100		
137	11.5	12.9	19.3#
54	4.8	8.6	12.8#
68	6.2	17.0	25.4#

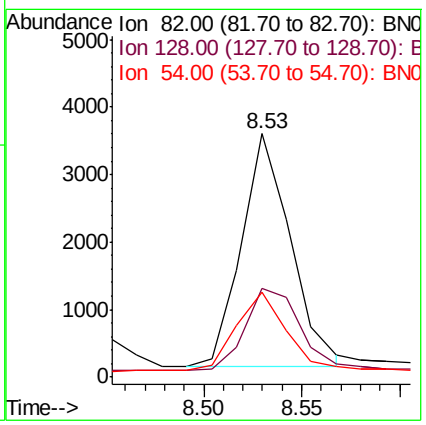


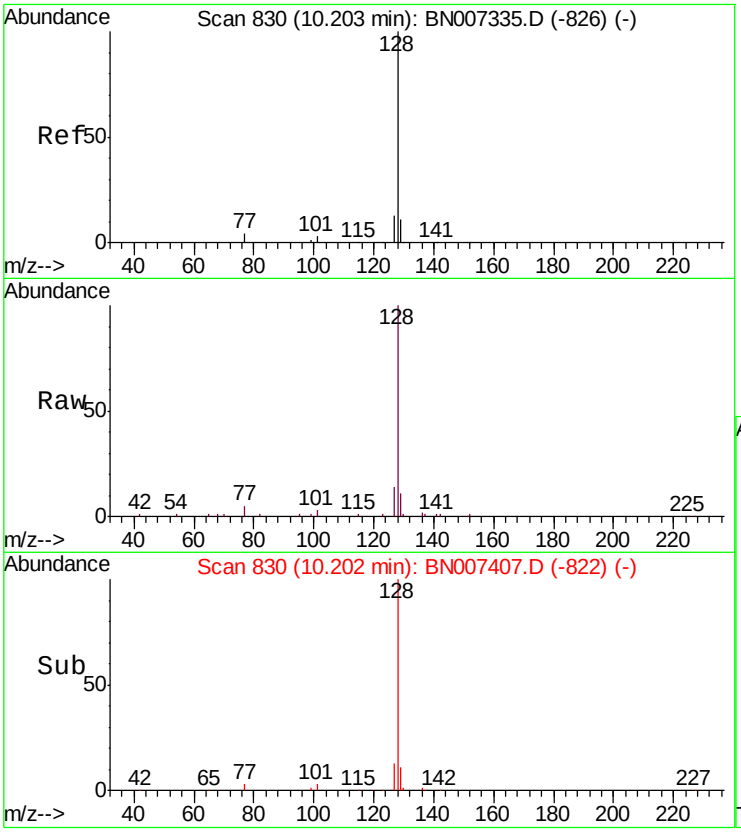


#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion: 82 Resp: 6032

Ion	Ratio	Lower	Upper
82	100		
128	36.4	19.7	29.5#
54	34.6	25.8	38.6



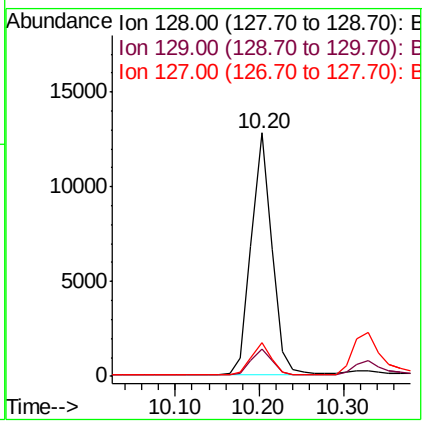


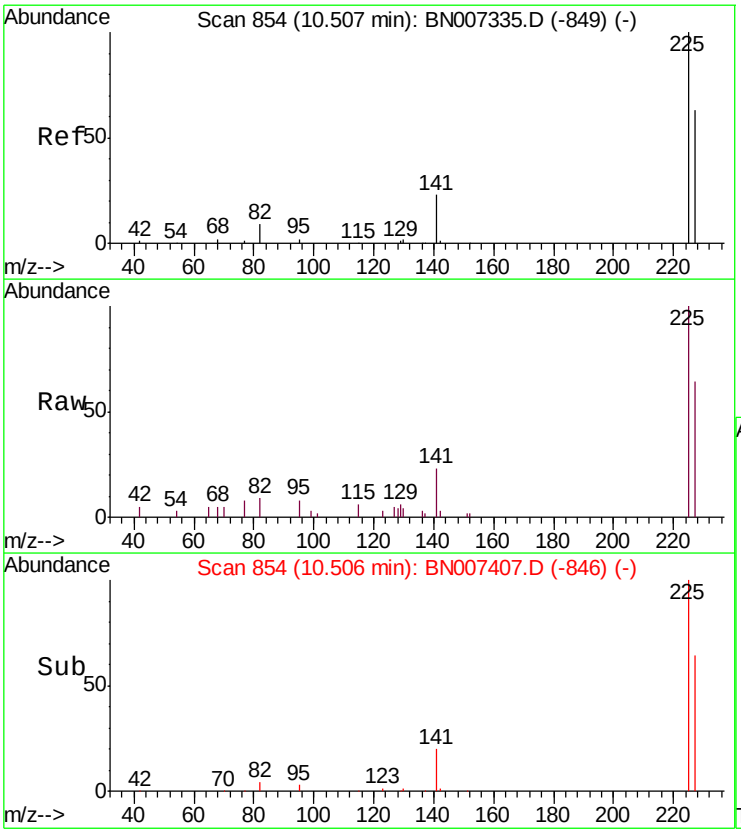
#9
Naphthalene
Concen: 0.356 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 21961

Ion	Ratio	Lower	Upper
128	100		
129	11.2	11.1	16.7
127	13.7	15.5	23.3#

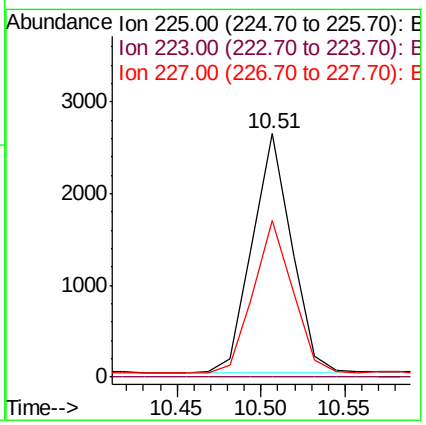


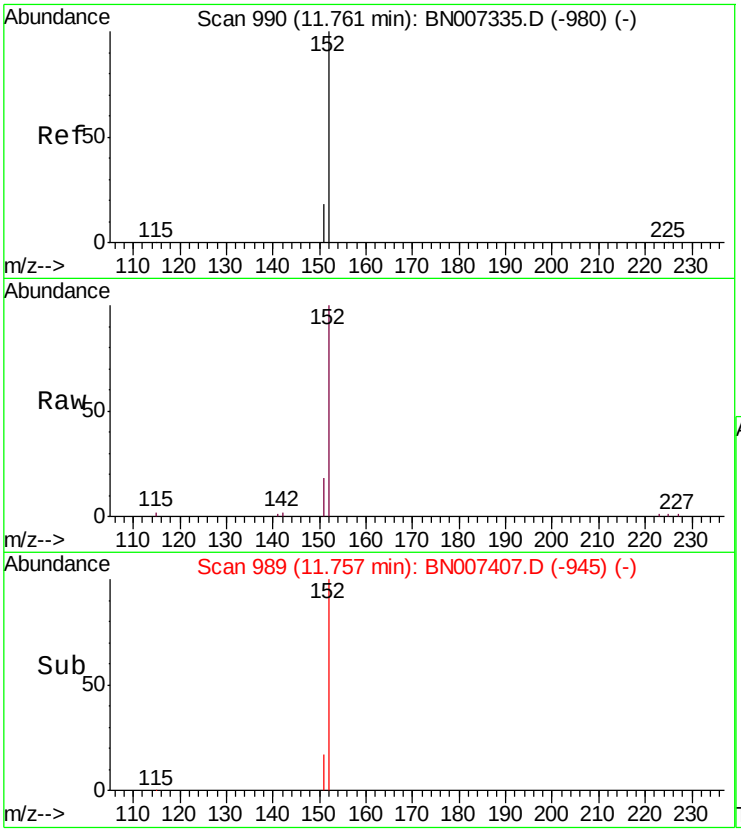


#10
Hexachlorobutadiene
Concen: 0.334 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:225 Resp: 4219

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.7	76.1



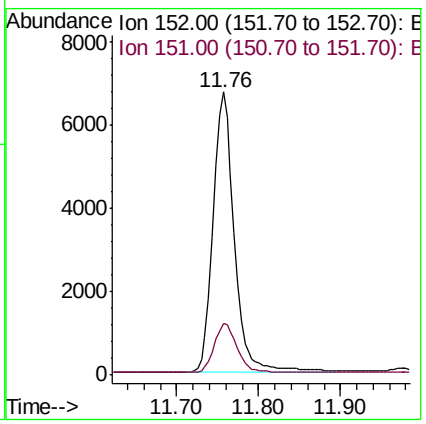


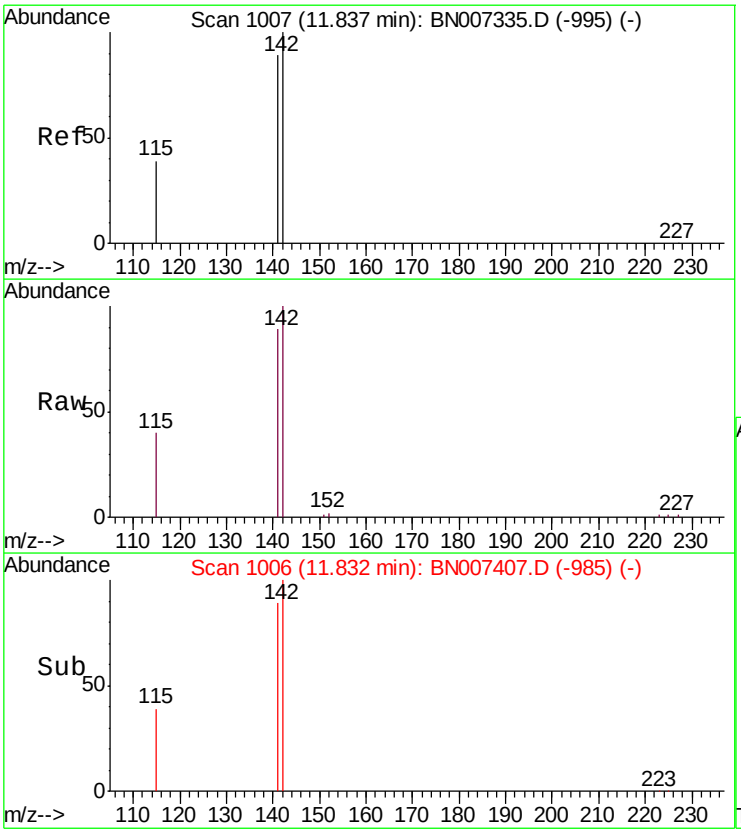
#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12174

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.2

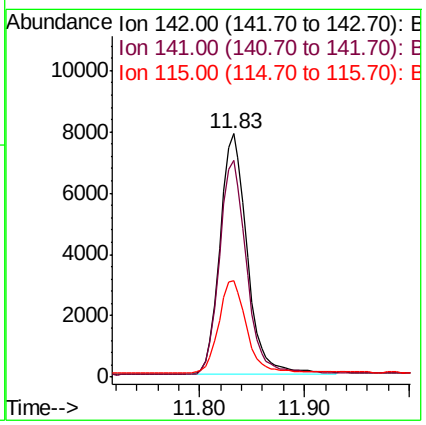


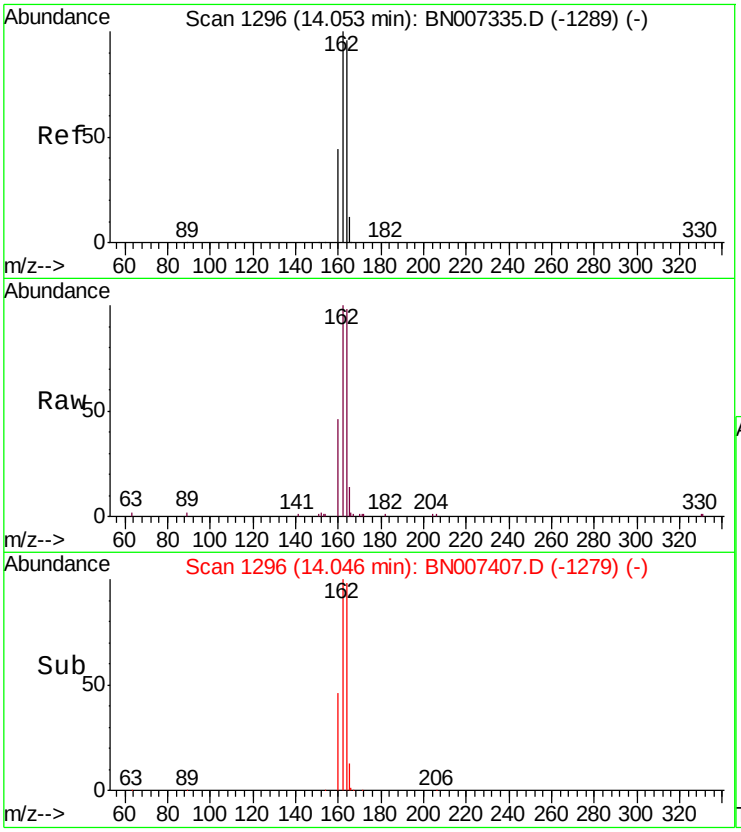


#12
2-Methylnaphthalene
Concen: 0.336 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:142 Resp: 14130

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.8	109.2
115	39.8	35.2	52.8



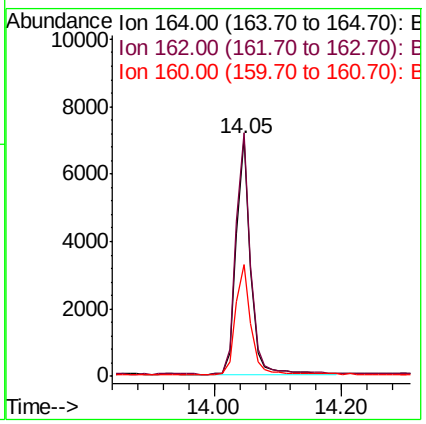


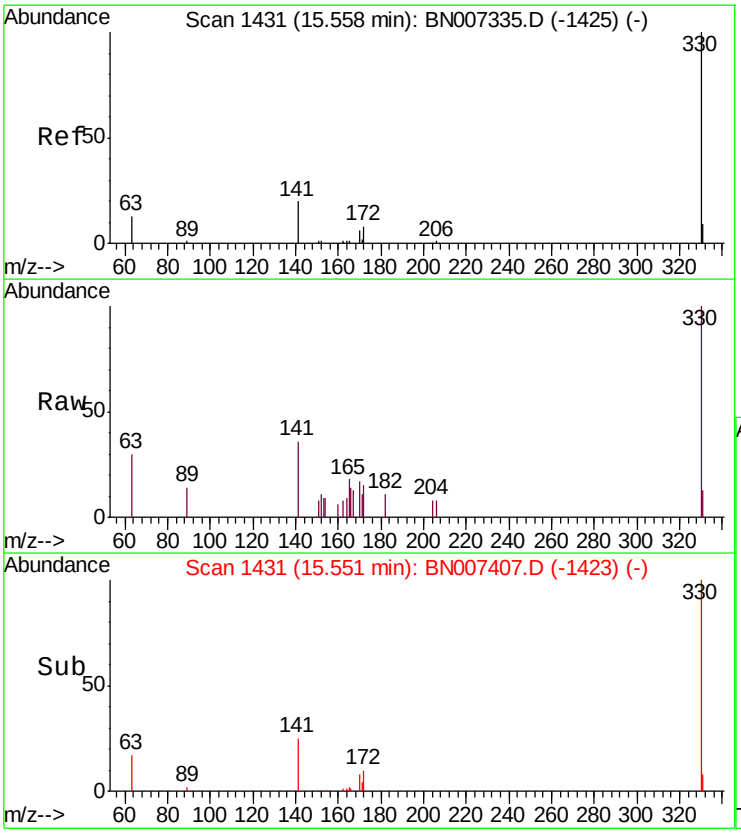
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 10995

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.5	125.3
160	47.1	38.2	57.4

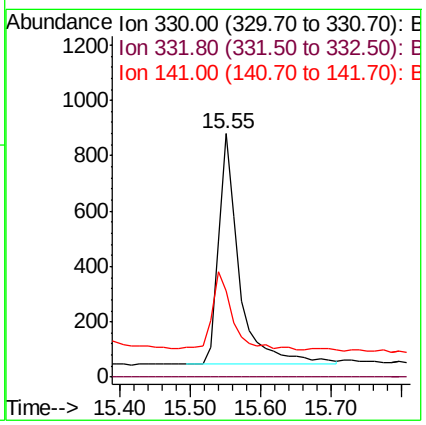


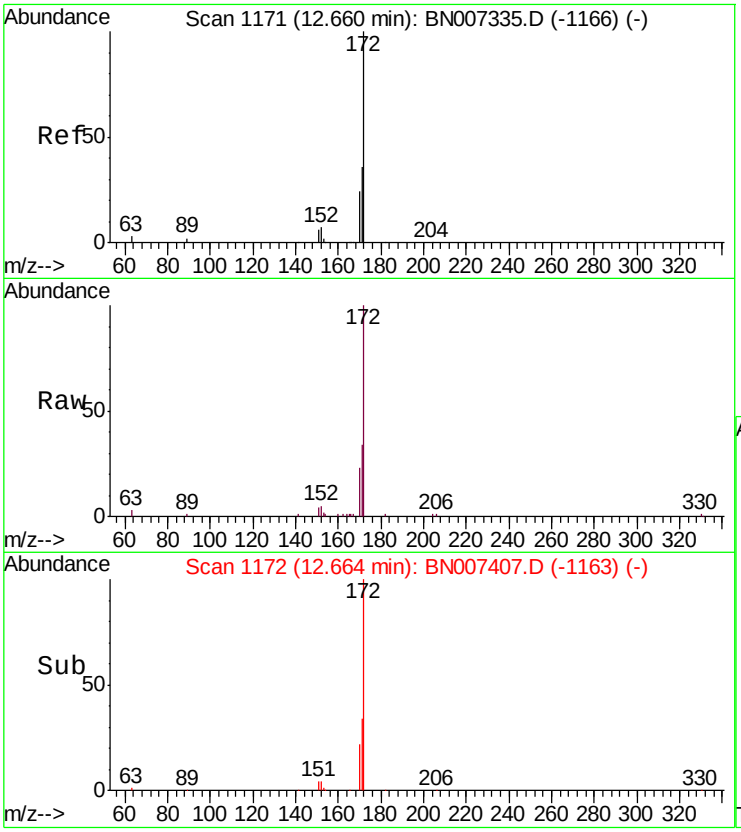


#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:330 Resp: 1734

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.7	26.9	40.3



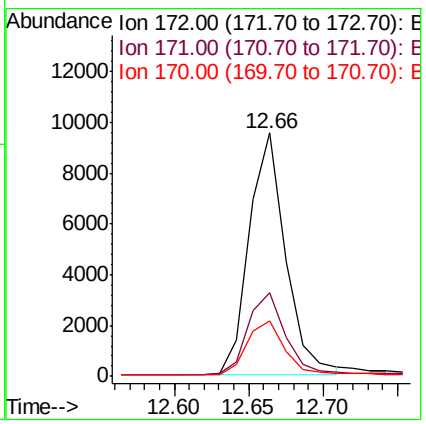


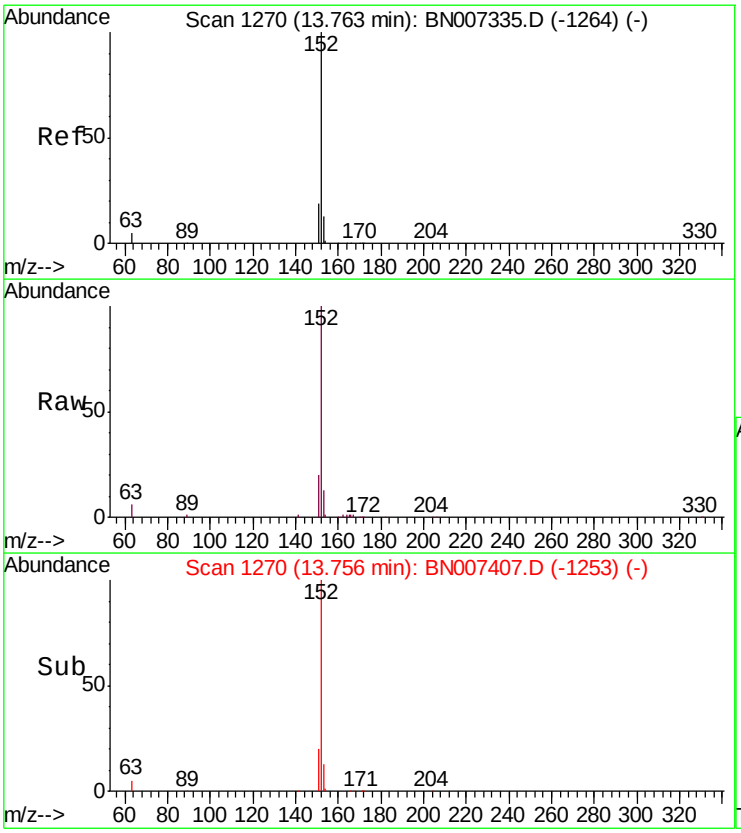
#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 16297

Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.3	45.5
170	22.6	20.7	31.1

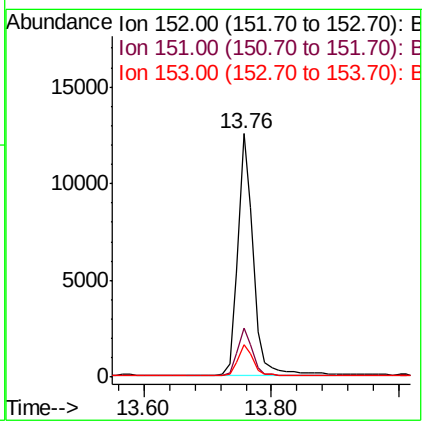


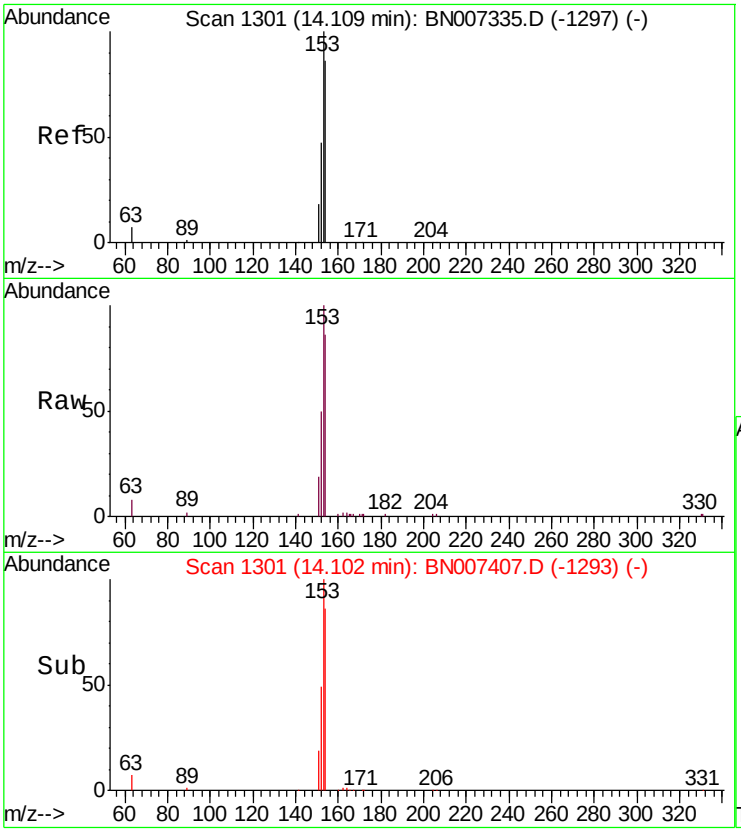


#16
Acenaphthylene
Concen: 0.327 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:152 Resp: 21264

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.3	10.6	15.8



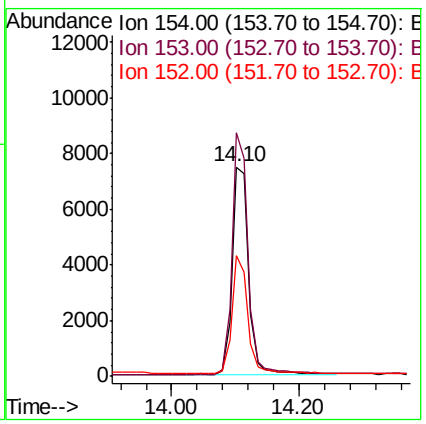


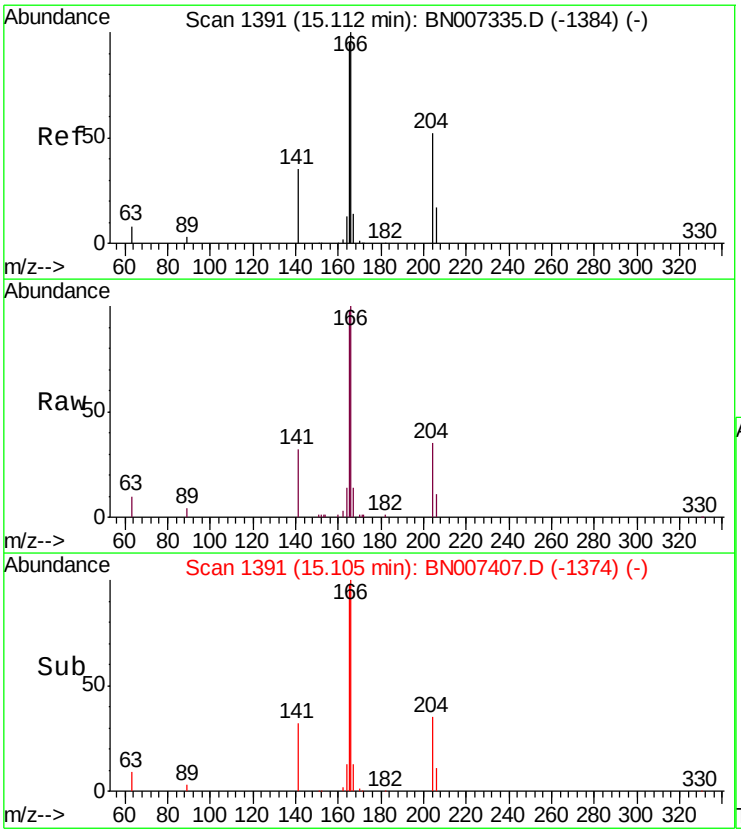
#17
Acenaphthene
Concen: 0.357 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 13576

Ion	Ratio	Lower	Upper
154	100		
153	112.1	92.8	139.2
152	54.3	43.8	65.8

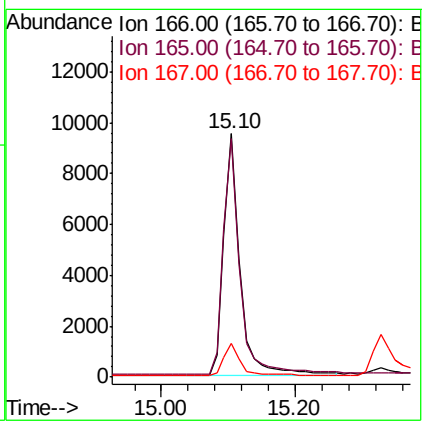


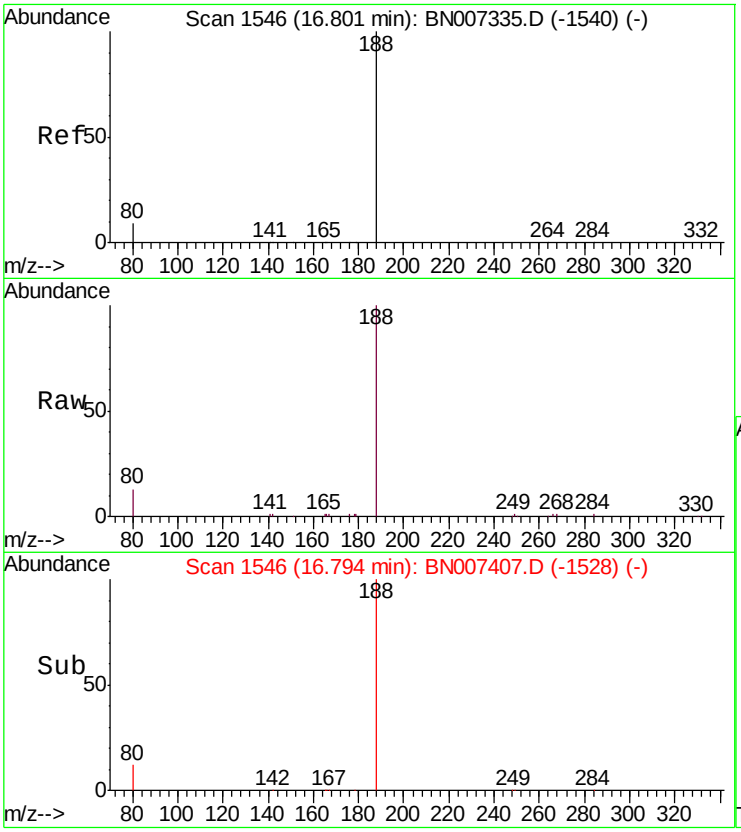


#18
Fluorene
Concen: 0.339 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:166 Resp: 16319

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.4
167	13.7	10.6	15.8



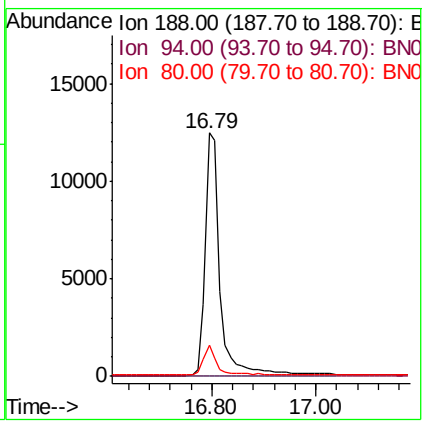


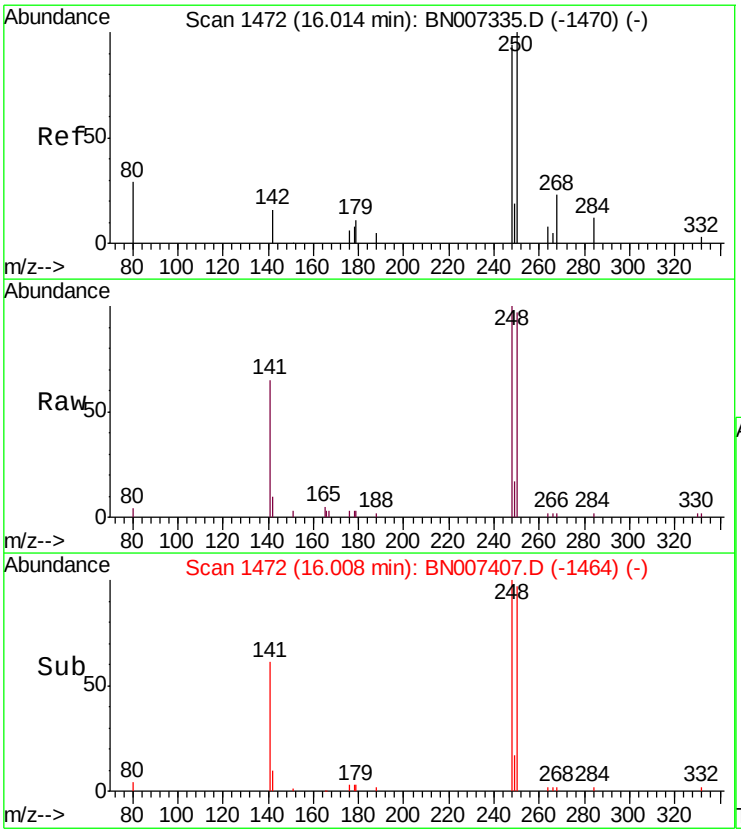
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 24801

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	11.8	17.8

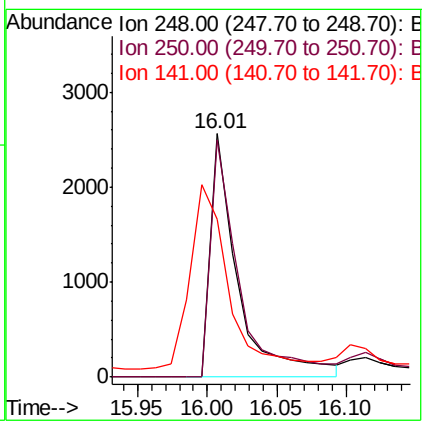


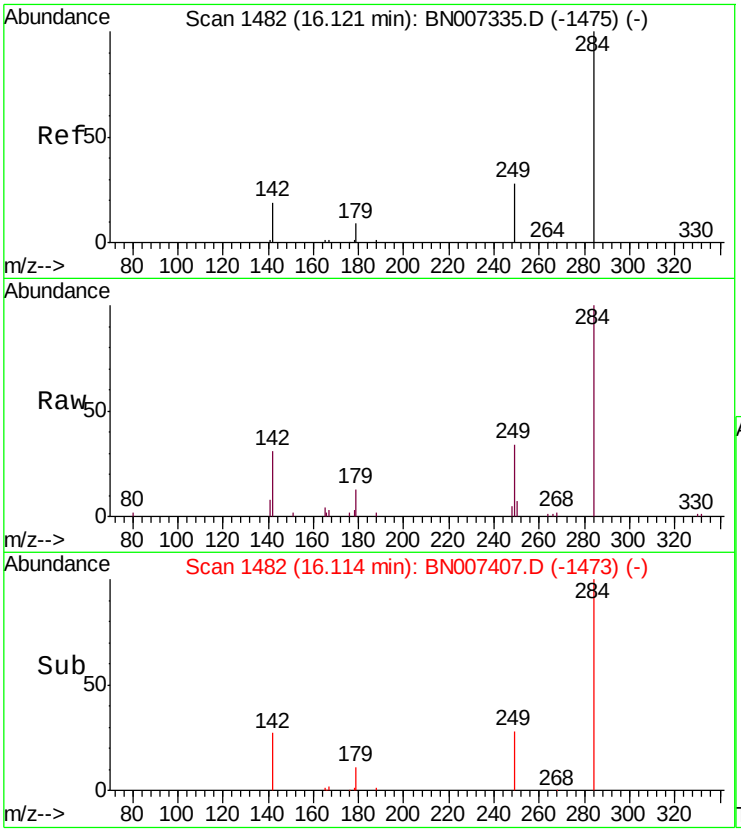


#20
4-Bromophenyl-phenylether
Concen: 0.356 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:248 Resp: 3485

Ion	Ratio	Lower	Upper
248	100		
250	97.4	85.0	127.6
141	64.7	51.7	77.5



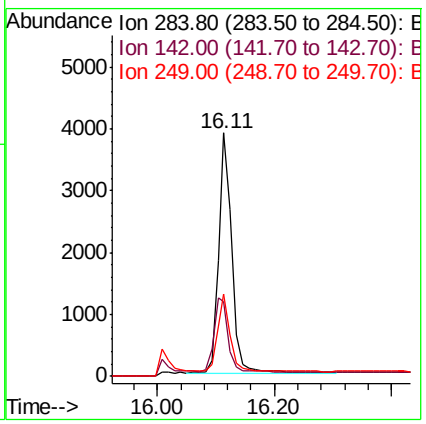


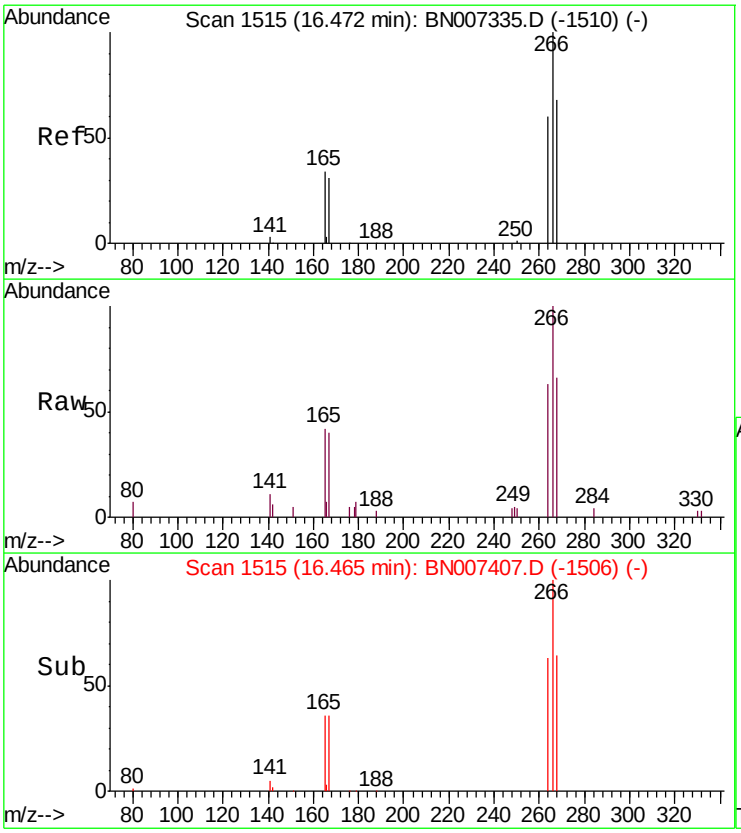
#21
Hexachlorobenzene
Concen: 0.370 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 6153

Ion	Ratio	Lower	Upper
284	100		
142	34.3	29.0	43.6
249	29.9	24.9	37.3

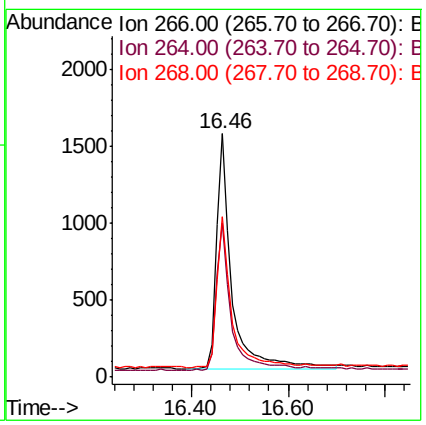


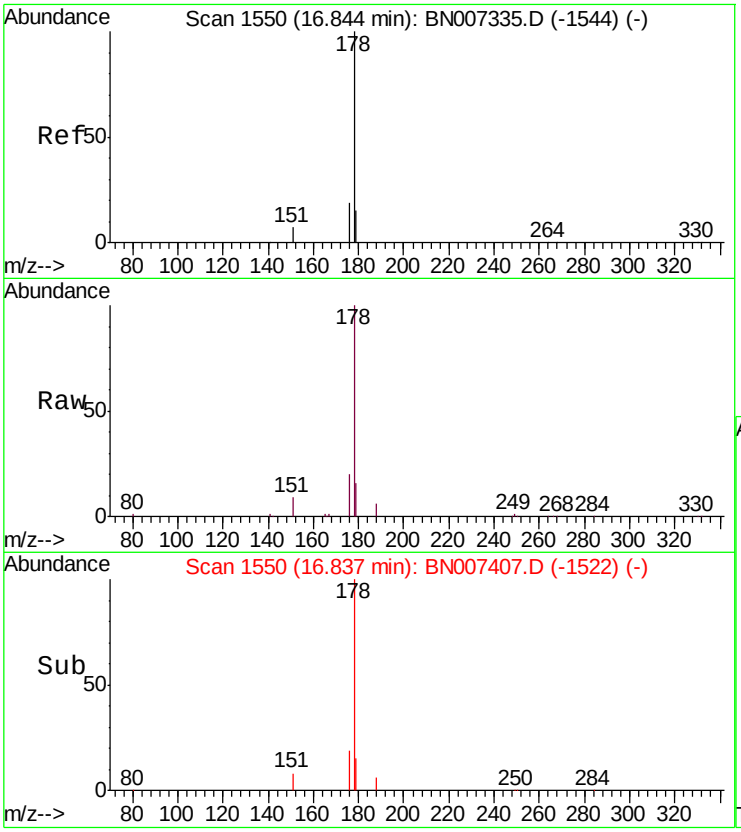


#22
Pentachlorophenol
Concen: 0.638 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:266 Resp: 3295

Ion	Ratio	Lower	Upper
266	100		
264	63.2	57.8	86.8
268	65.7	99.7	149.5#



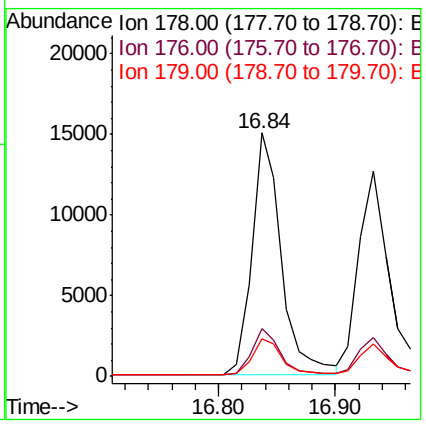


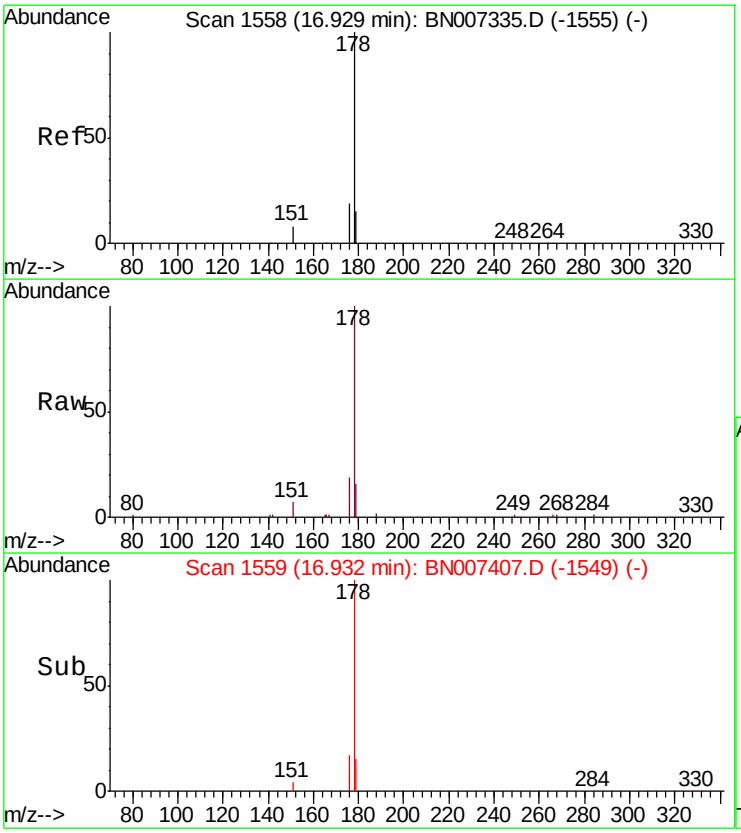
#23
Phenanthrene
Concen: 0.351 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 26202

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.2	12.6	19.0

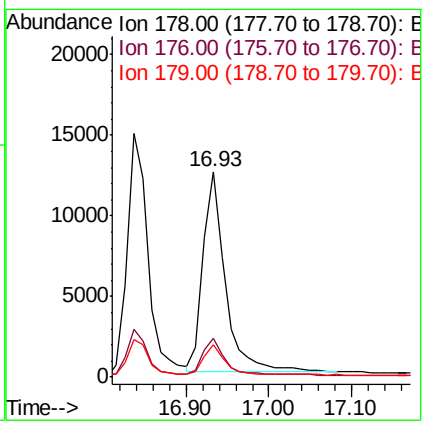


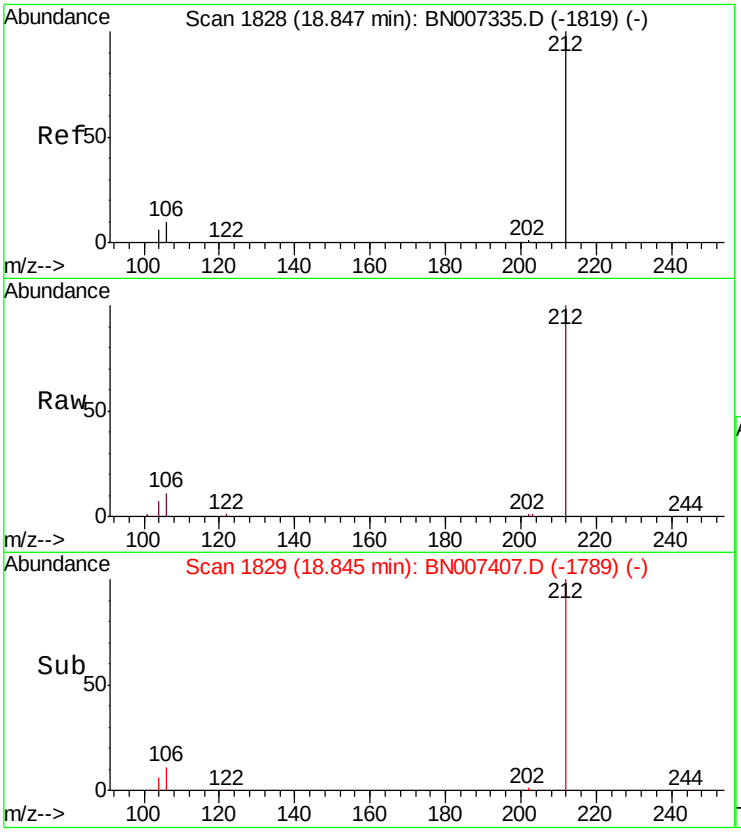


#24
Anthracene
Concen: 0.305 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:178 Resp: 22903

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.2	12.4	18.6



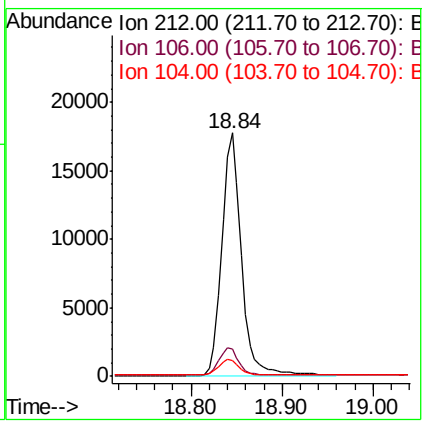


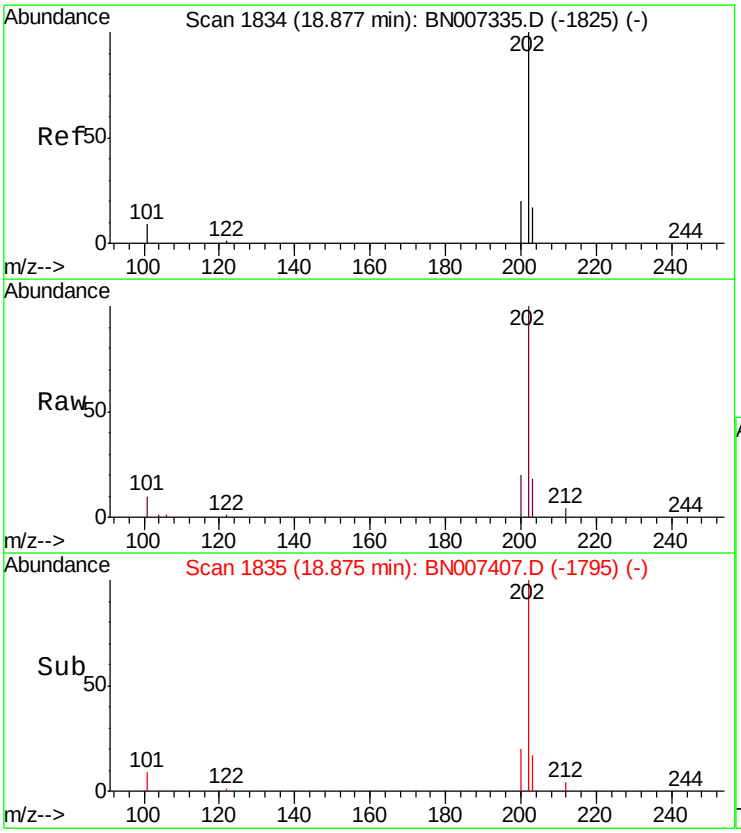
#25
Fluoranthene-d10
Concen: 0.331 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 26451

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.0	13.4
104	6.7	5.4	8.2

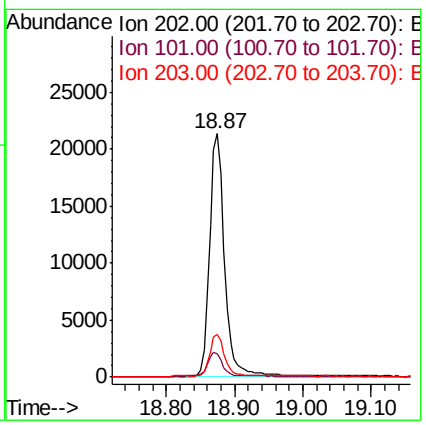


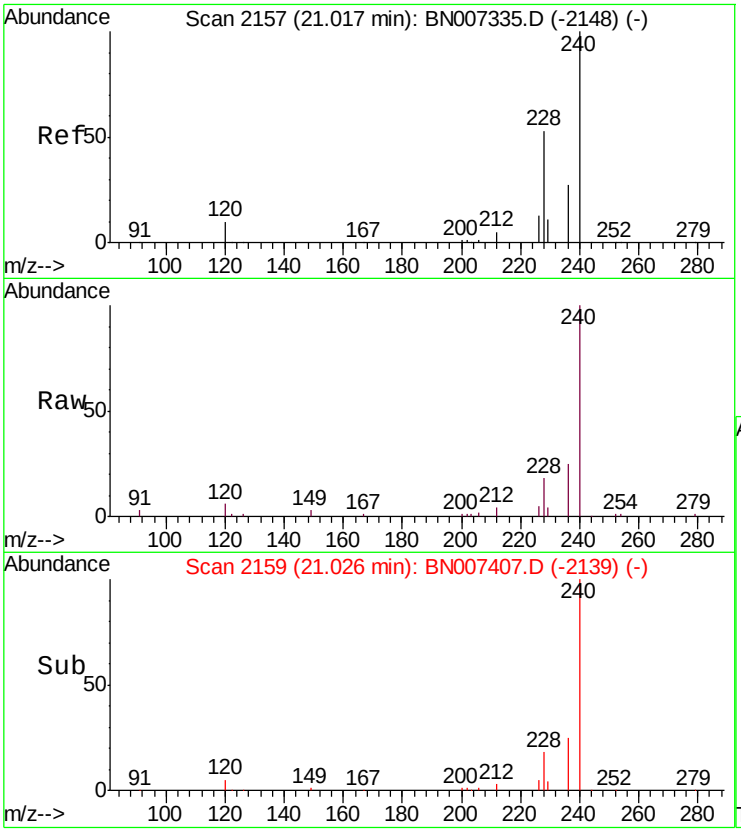


#26
Fluoranthene
Concen: 0.339 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:202 Resp: 32431

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.7	11.5
203	17.1	13.7	20.5



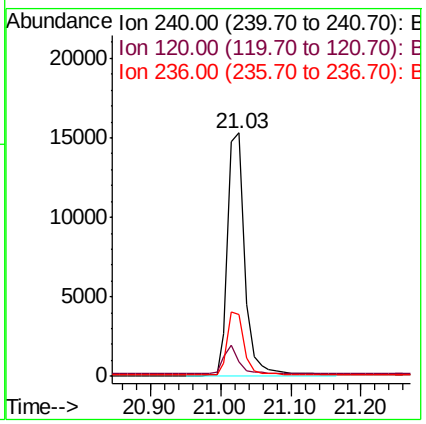


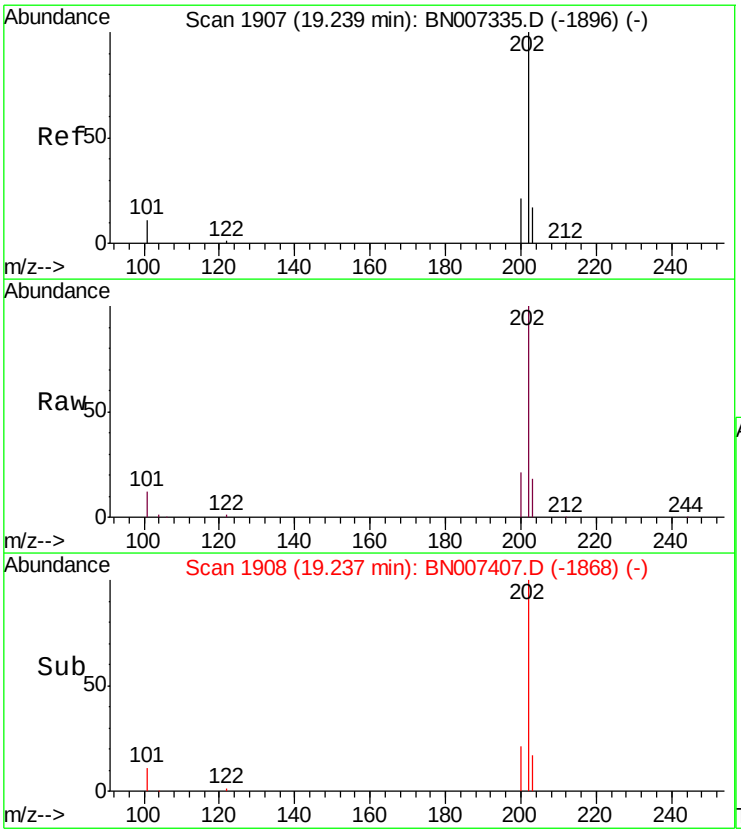
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. 0.01 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 25736

Ion	Ratio	Lower	Upper
240	100		
120	6.0	9.6	14.4#
236	25.3	22.2	33.2

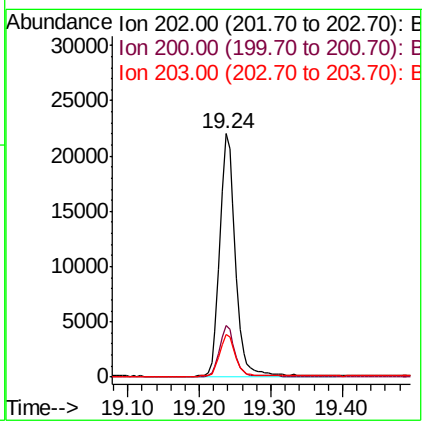


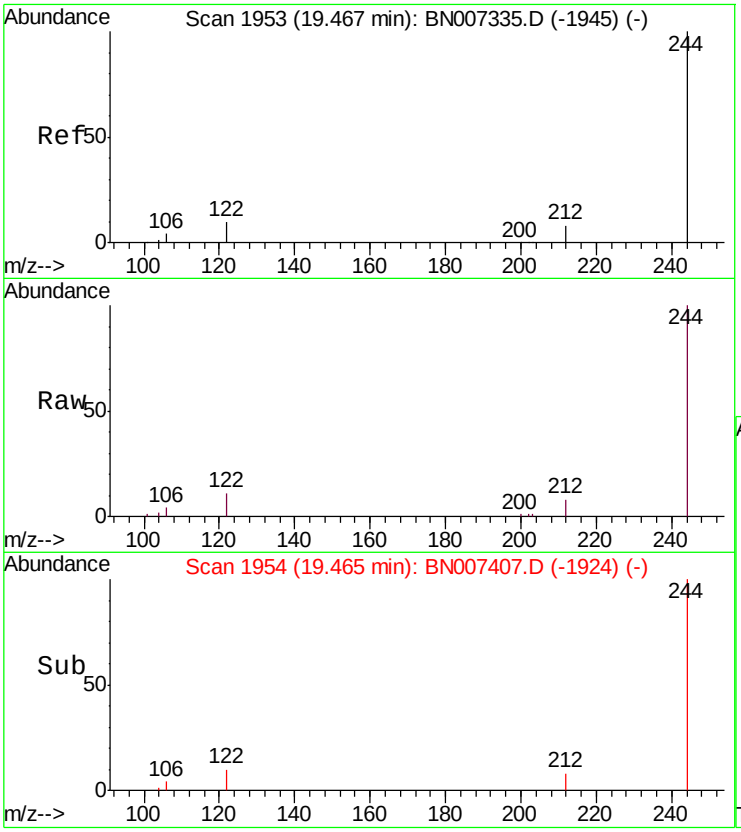


#28
Pyrene
Concen: 0.319 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:202 Resp: 33071

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.4	14.2	21.4



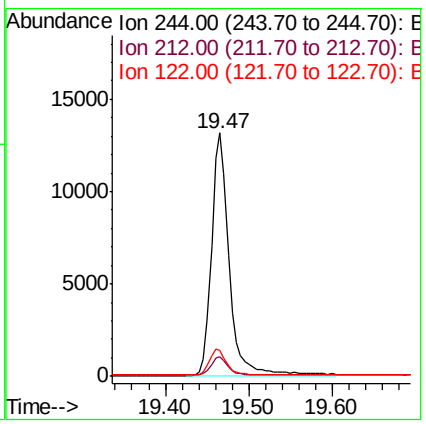


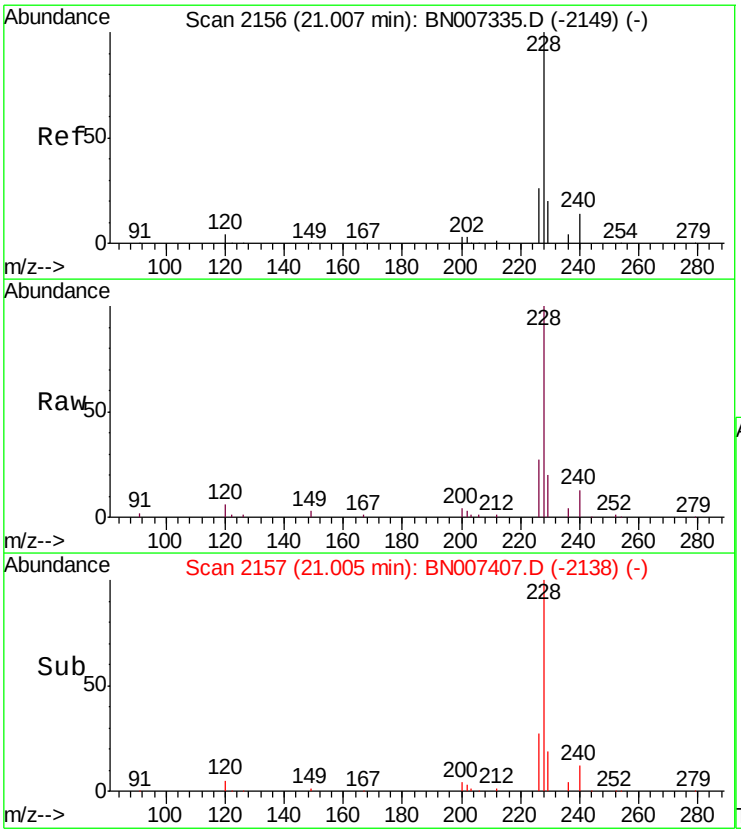
#29
Terphenyl-d14
Concen: 0.285 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 19189

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.6
122	10.5	9.6	14.4

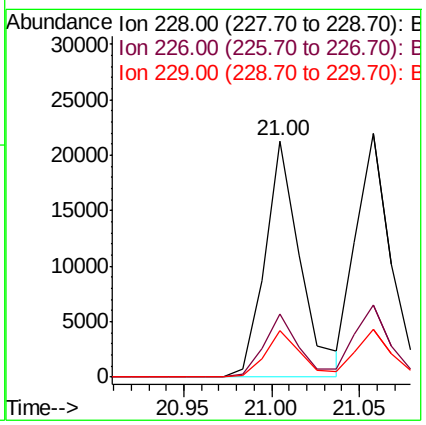


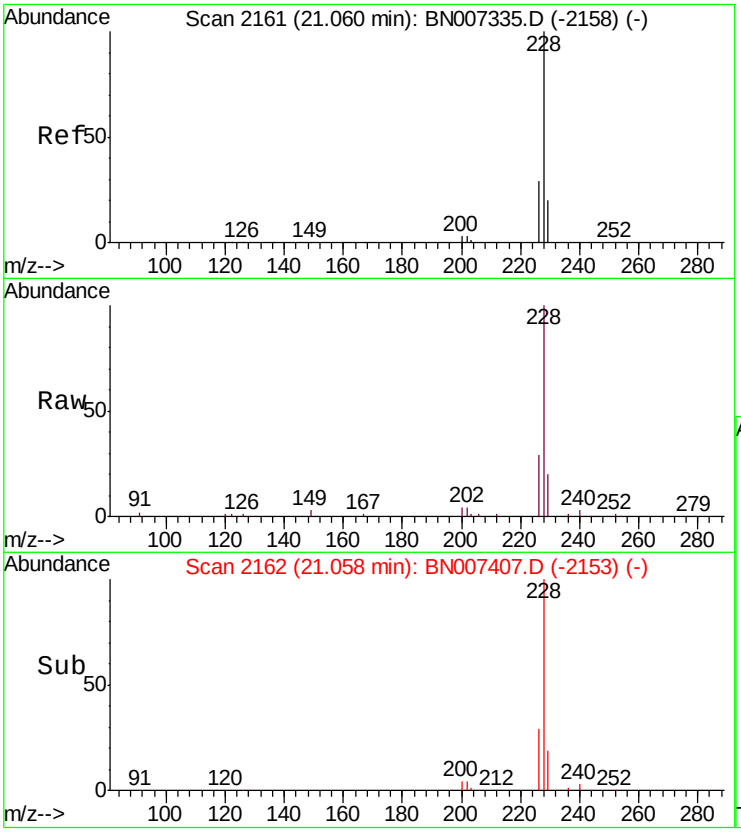


#30
Benzo(a)anthracene
Concen: 0.293 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:228 Resp: 29626

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.3	31.9
229	19.6	16.1	24.1



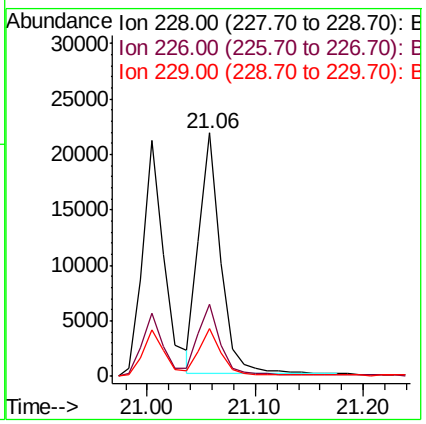


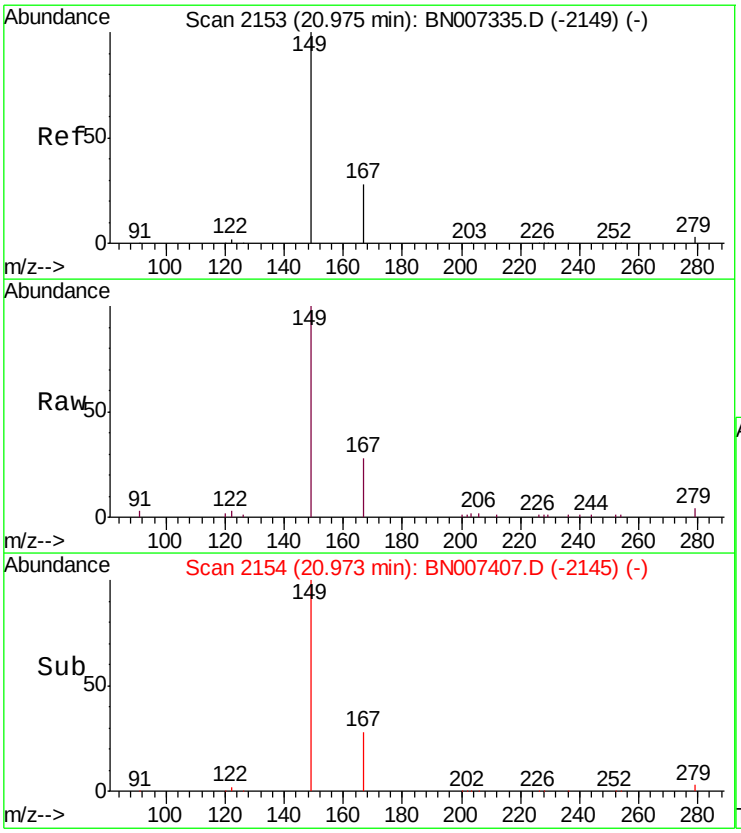
#31
Chrysene
Concen: 0.314 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 30636

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.5	35.3
229	19.6	16.6	24.8

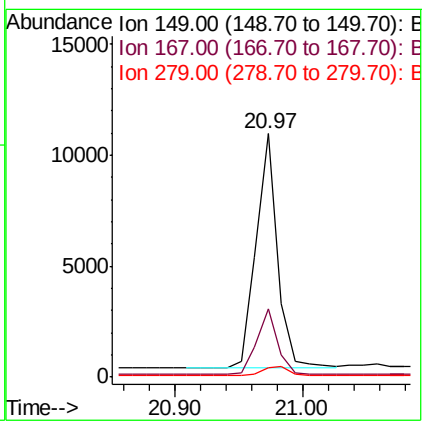


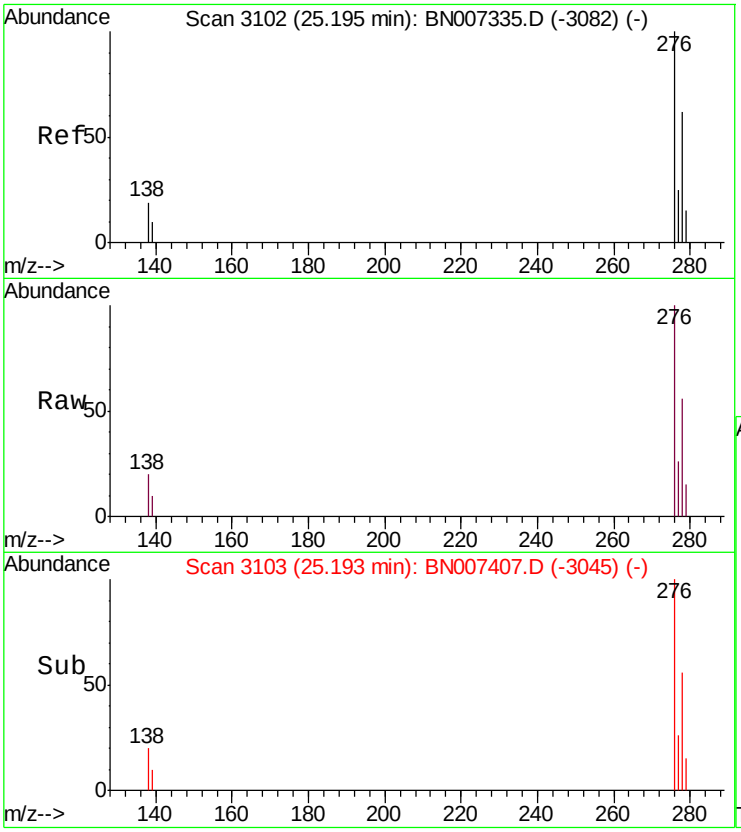


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.170 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:149 Resp: 12356

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.8	34.2
279	4.1	3.5	5.3



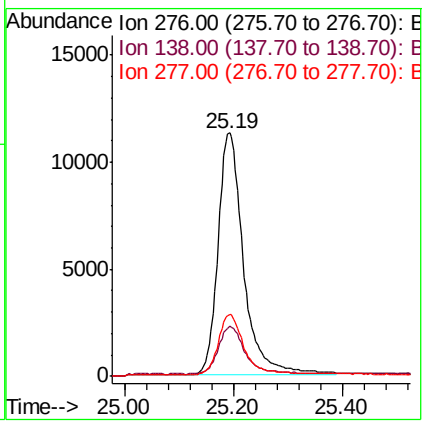


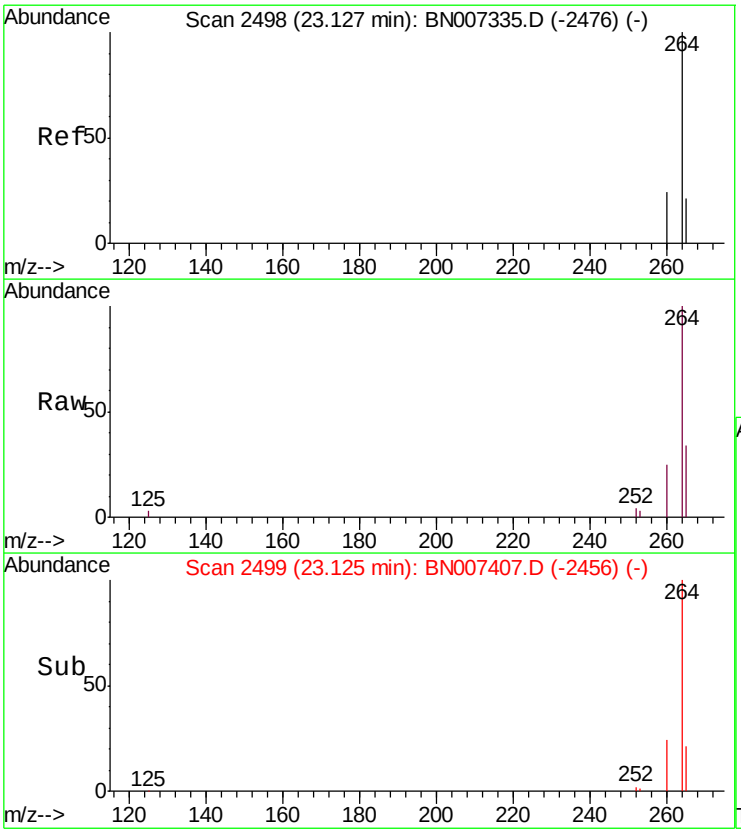
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.314 ng
RT: 25.19 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 36895

Ion	Ratio	Lower	Upper
276	100		
138	20.7	15.1	22.7
277	25.0	19.7	29.5

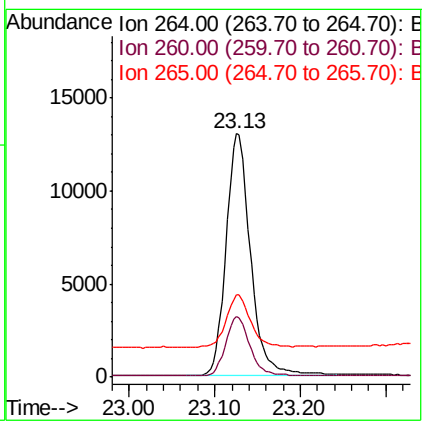


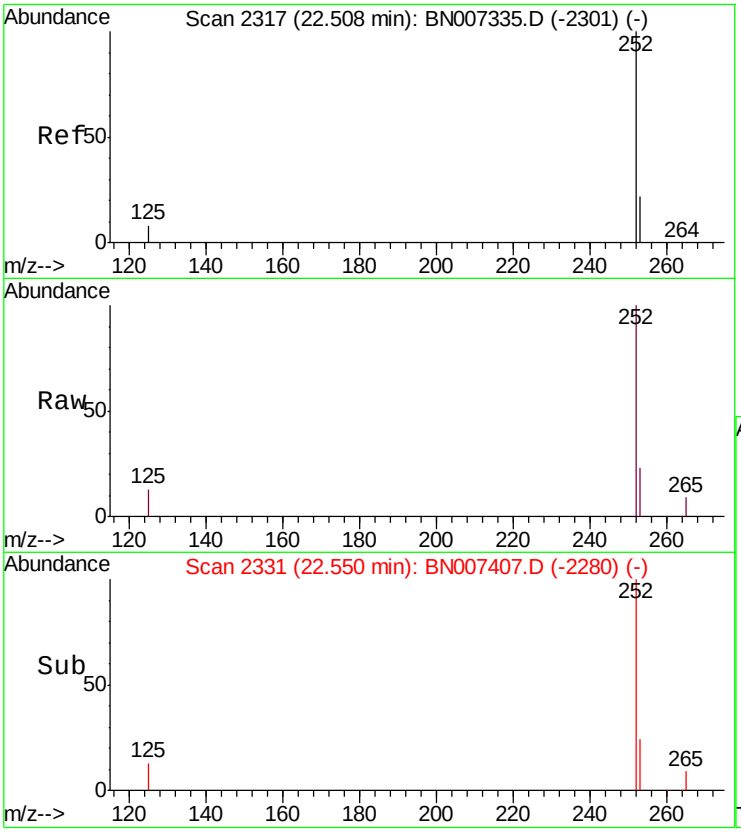


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:264 Resp: 25844

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	33.6	29.9	44.9



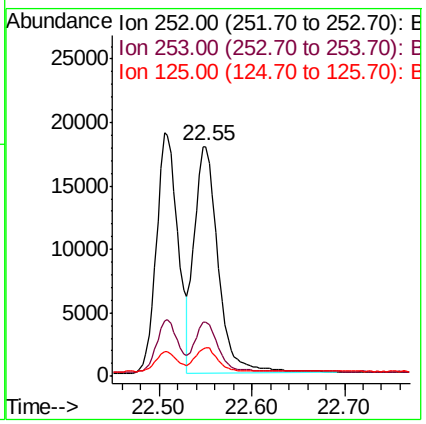


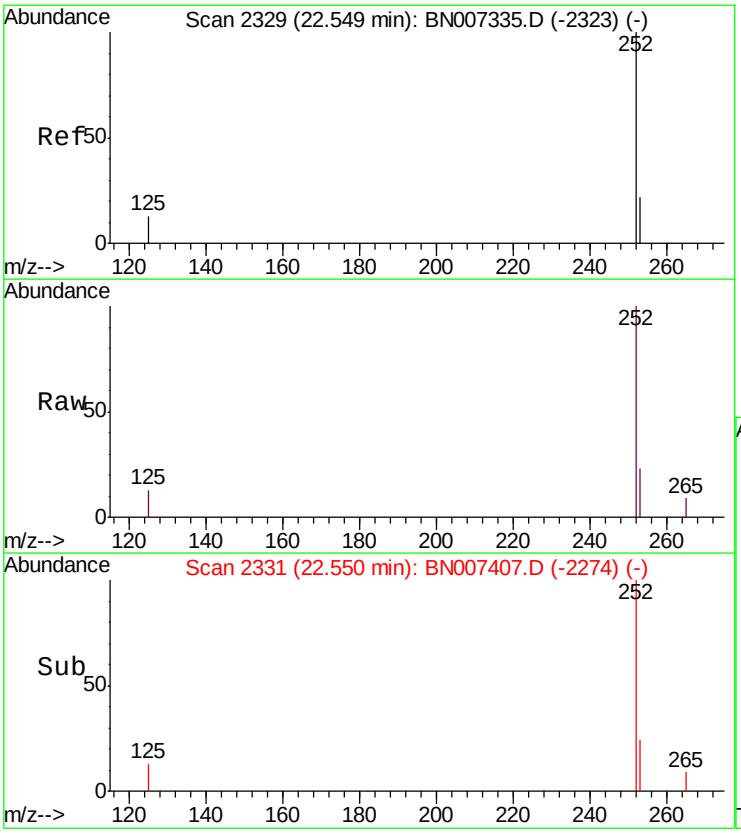
#35
Benzo(b)fluoranthene
Concen: 0.336 ng
RT: 22.55 min Scan# 2331
Delta R.T. 0.04 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 31474

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.2	28.8
125	12.6	10.6	16.0

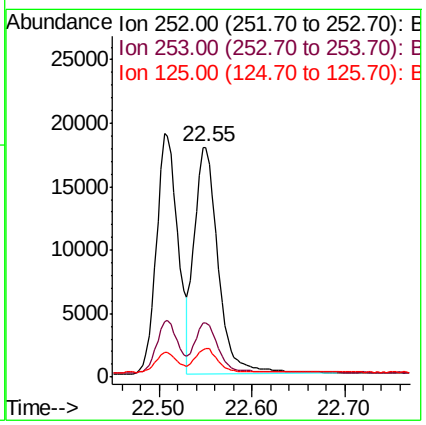


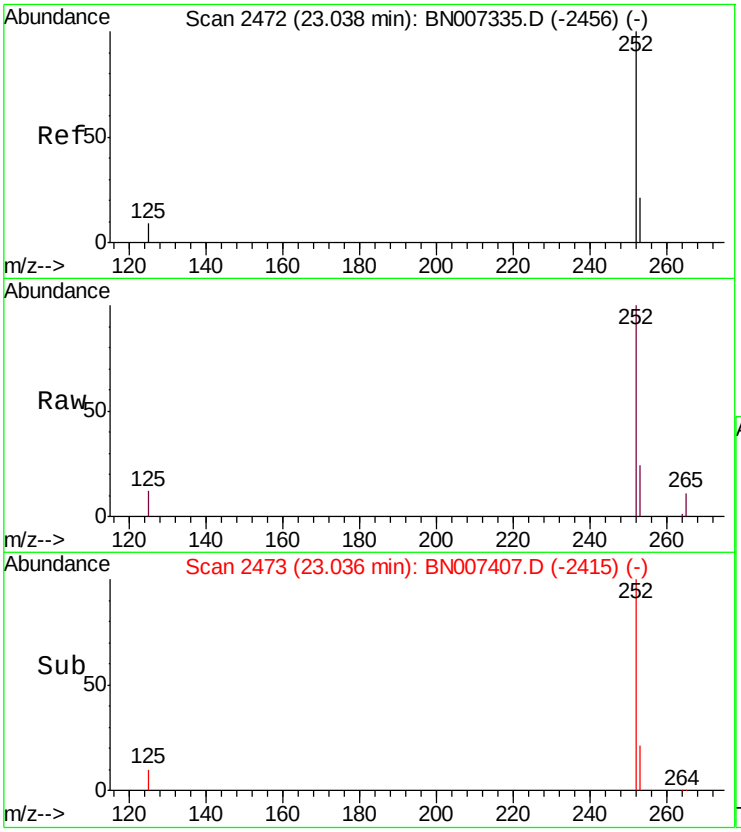


#36
Benzo(k)fluoranthene
Concen: 0.340 ng
RT: 22.55 min Scan# 2331
Delta R.T. 0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:252 Resp: 31474

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.4	29.2
125	12.6	13.1	19.7#



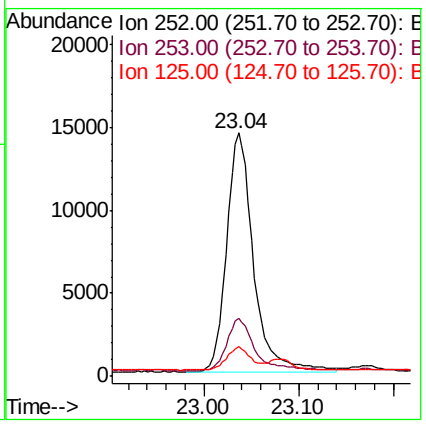


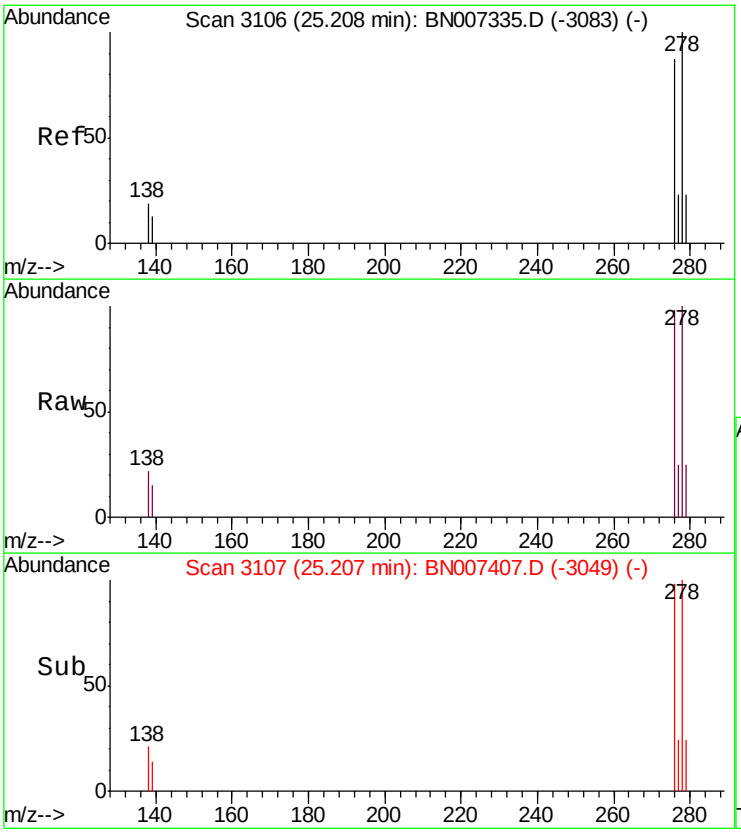
#37
Benzo(a)pyrene
Concen: 0.319 ng
RT: 23.04 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 28412

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.5	29.3
125	12.1	12.1	18.1#

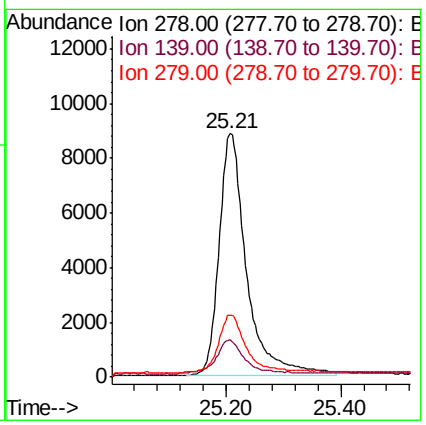


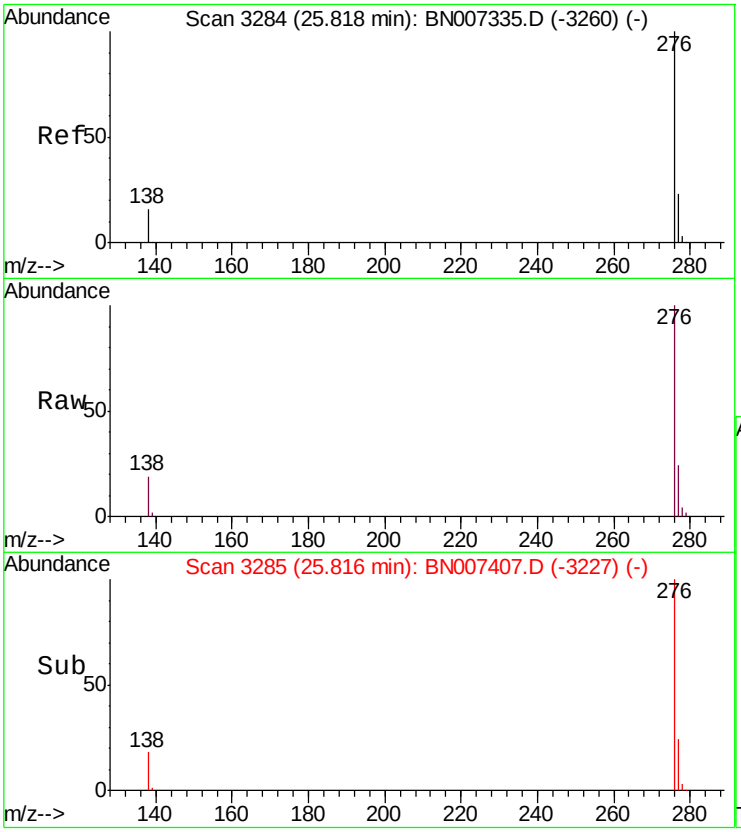


#38
Dibenzo(a,h)anthracene
Concen: 0.330 ng
RT: 25.21 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Tgt Ion:278 Resp: 29352

Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.7	20.5
279	25.4	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.346 ng
RT: 25.82 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BN007407.D
Acq: 26 Aug 2019 12:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 30625

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.6	29.4
138	18.7	16.3	24.5