Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007368.D
Acq On : 24 Aug 2019 17:54
Operator : HP/JU
Sample : K4495-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : N1-SB2-1.0-1.5-082219

Quant Time: Aug 24 23:42:05 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	5824	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	24753	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	13559	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	30073	0.40	ng		0.00
27) Chrysene-d12	21.02	240	30643	0.40	ng		0.00
34) Perylene-d12	23.12	264	33113	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	6790	0.33	ng		0.00
5) Phenol-d6	6.59	99	8920	0.34	ng		0.00
8) Nitrobenzene-d5	8.53	82	6705	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	12576	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	2278	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	15455	0.28	ng		0.00
25) Fluoranthene-d10	18.84	212	25195	0.26	ng		0.00
29) Terphenyl-d14	19.47	244	18366	0.23	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.20	128	4520	0.064	ng		95
12) 2-Methylnaphthalene	11.83	142	2389	0.050	ng		95
16) Acenaphthylene	13.76	152	3323	0.041	ng	#	95
17) Acenaphthene	14.11	154	13497	0.288	ng		98
18) Fluorene	15.10	166	17472	0.294	ng		99
20) 4-Bromophenyl-phenylether	16.04	248	328	0.028	ng	#	1
23) Phenanthrene	16.84	178	267622	2.959	ng		99
24) Anthracene	16.93	178	55979	0.615	ng	#	94
26) Fluoranthene	18.87	202	422445	3.637	ng		100
28) Pyrene	19.24	202	350457	2.843	ng	#	94
30) Benzo(a)anthracene	21.00	228	194737	1.618	ng		99
31) Chrysene	21.06	228	154524	1.330	ng		97
32) Bis(2-ethylhexyl)phthalate	20.97	149	11451	0.128	ng		93
33) Indeno(1,2,3-cd)pyrene	25.18	276	109874	0.785	ng		98
35) Benzo(b)fluoranthene	22.66	252	26608	0.222	ng		93
36) Benzo(k)fluoranthene	22.66	252	28869	0.243	ng		93
37) Benzo(a)pyrene	22.94	252	107401	0.941	ng		98
38) Dibenzo(a,h)anthracene	25.19	278	27112	0.238	ng	#	91
39) Benzo(g,h,i)perylene	25.81	276	107739	0.949	ng		97

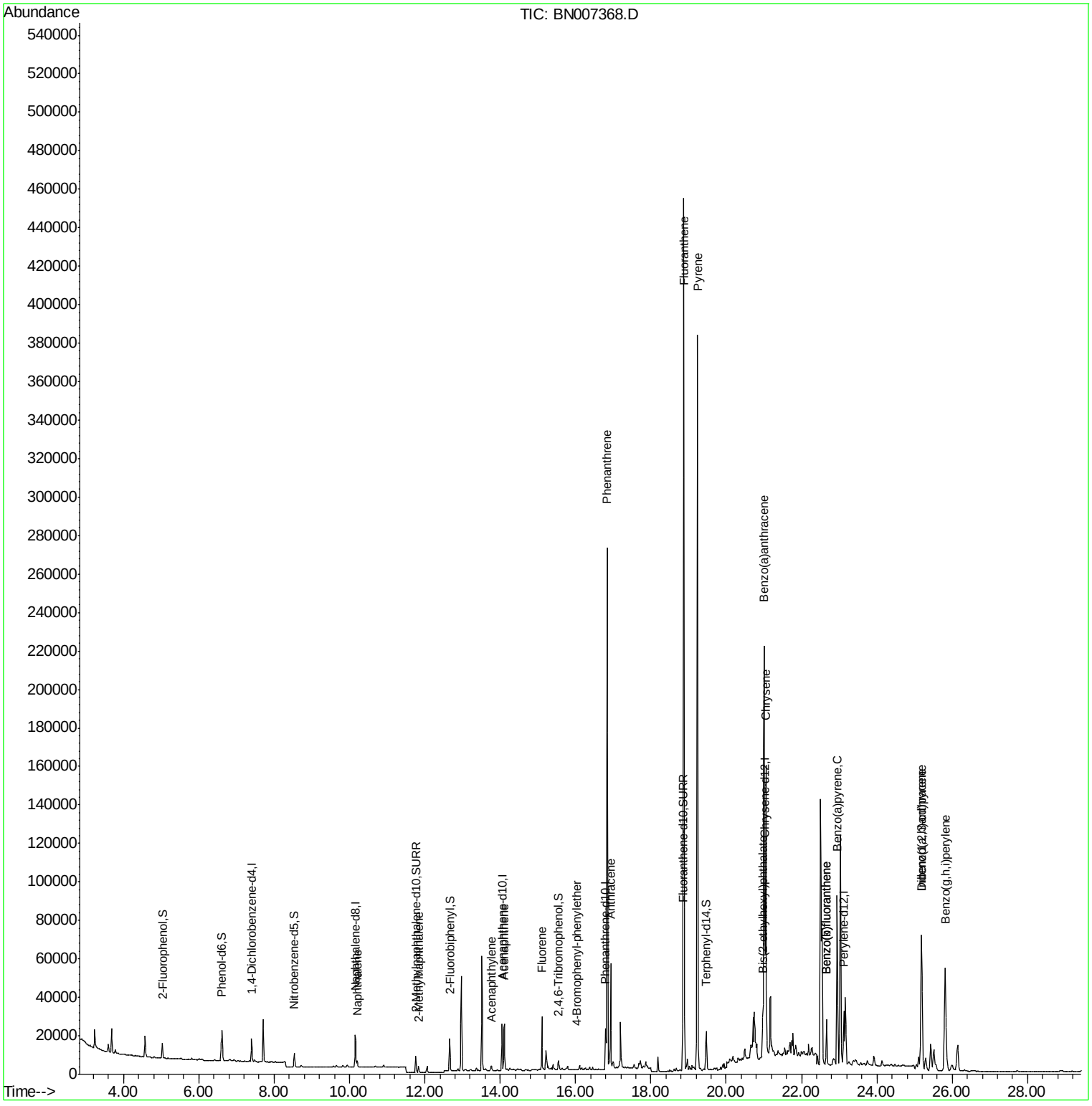
(#) = qualifier out of range (m) = manual integration (+) = signals summed

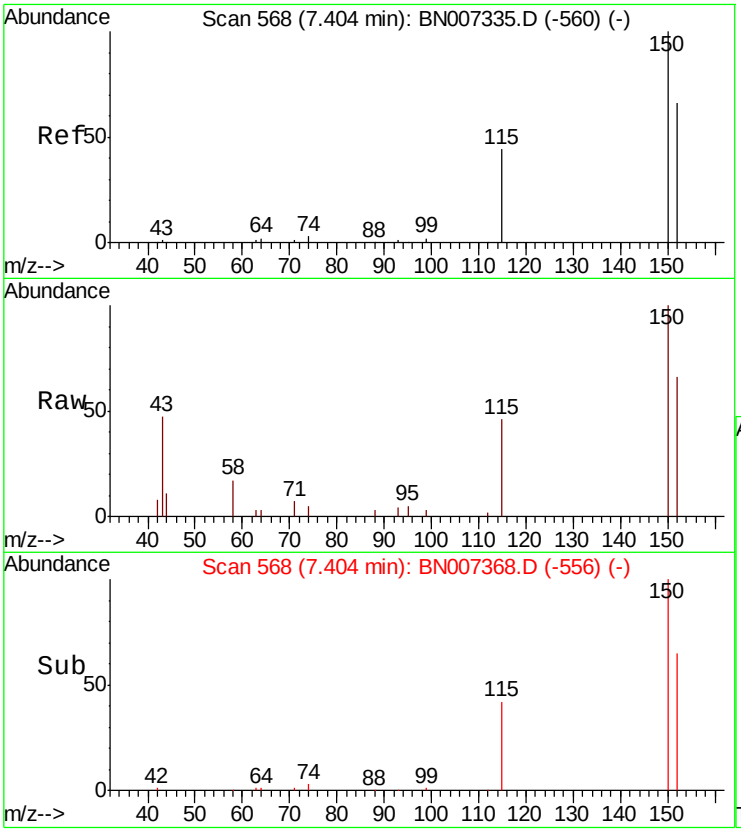
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007368.D
Acq On : 24 Aug 2019 17:54
Operator : HP/JU
Sample : K4495-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Quant Time: Aug 24 23:42:05 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



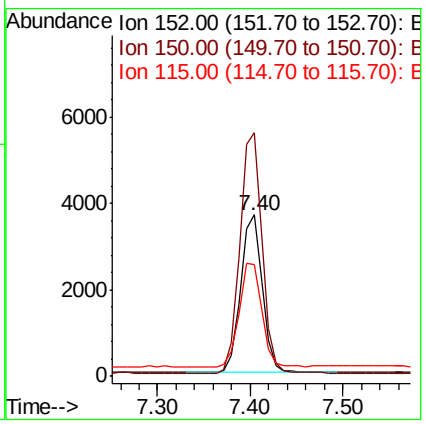


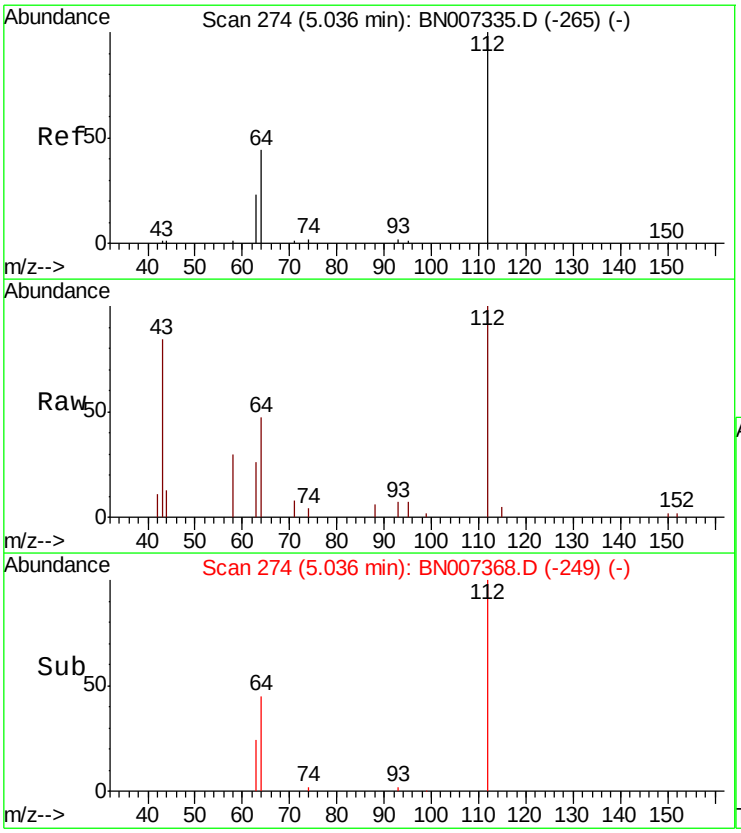
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion:152 Resp: 5824

Ion	Ratio	Lower	Upper
152	100		
150	150.6	109.1	163.7
115	69.3	59.6	89.4

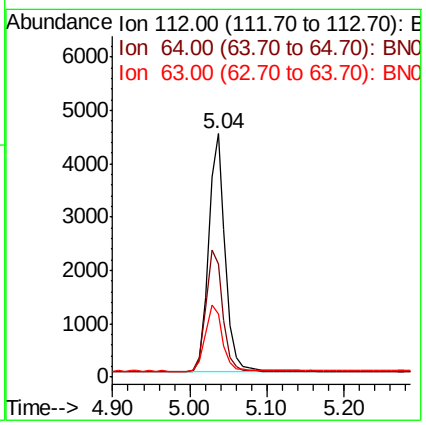


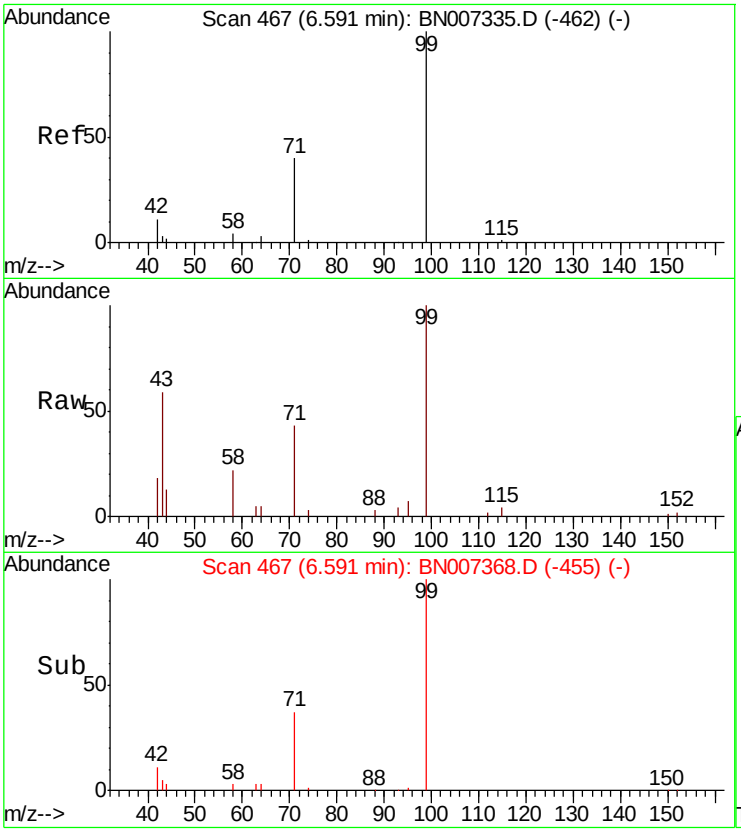


#4
2-Fluorophenol
Concen: 0.331 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion:112 Resp: 6790

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.3	63.5
63	29.3	23.6	35.4



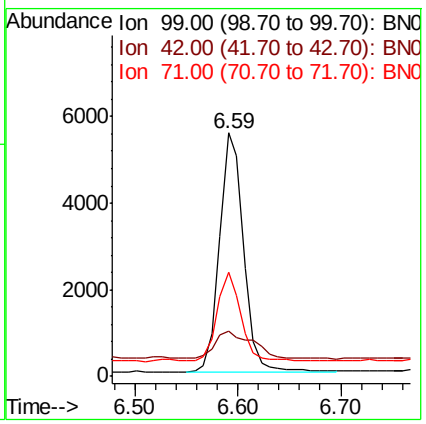


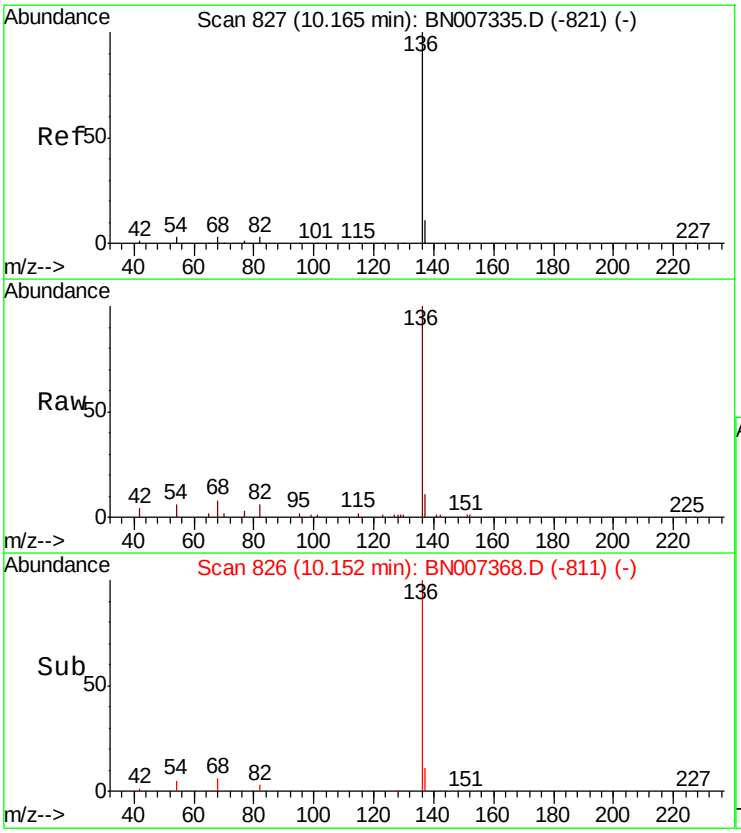
#5
Phenol-d6
Concen: 0.343 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion: 99 Resp: 8920

Ion	Ratio	Lower	Upper
99	100		
42	18.6	11.2	16.8#
71	37.5	31.8	47.8

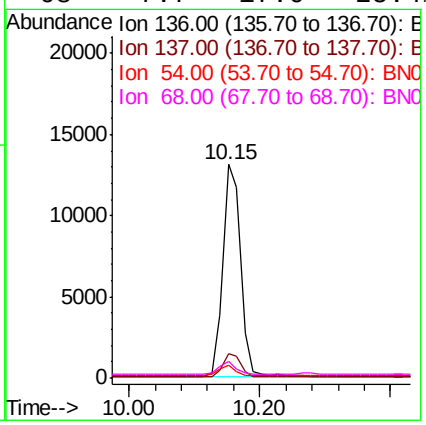


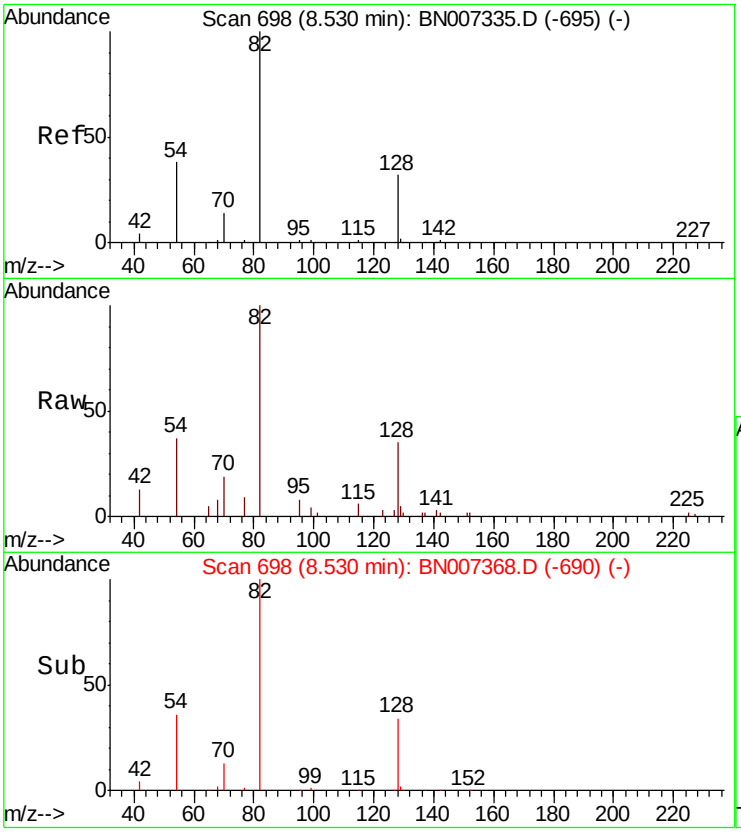


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion:136 Resp: 24753

Ion	Ratio	Lower	Upper
136	100		
137	11.4	12.9	19.3#
54	6.1	8.6	12.8#
68	7.7	17.0	25.4#



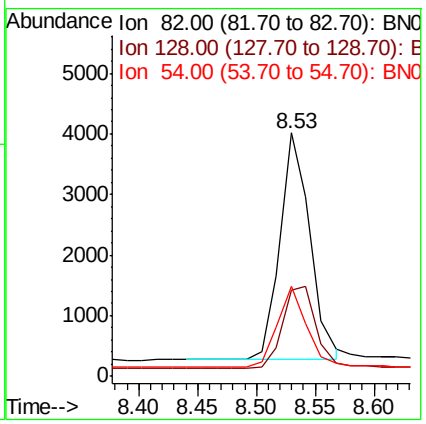


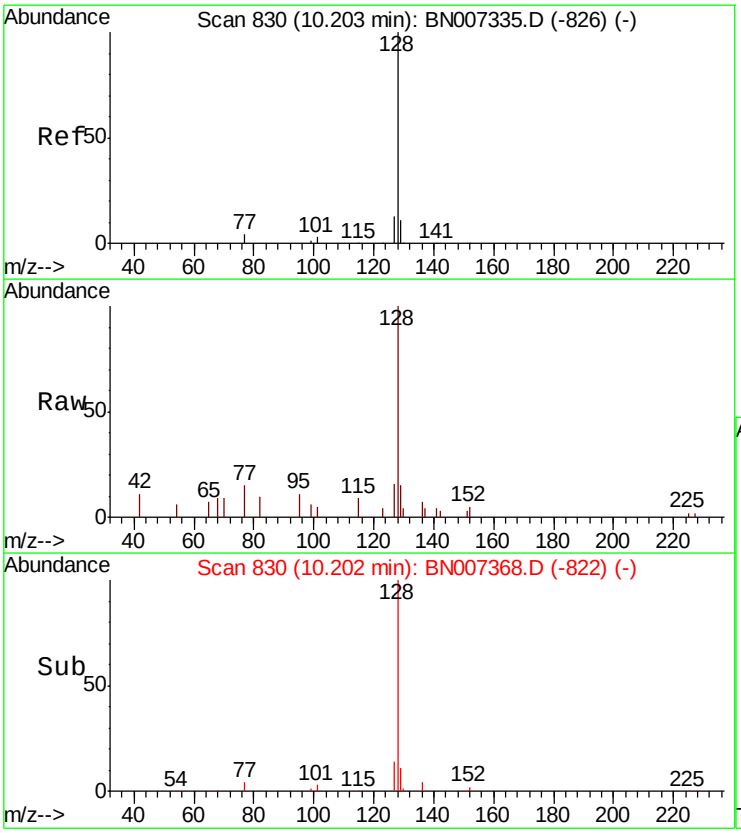
#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion: 82 Resp: 6705

Ion	Ratio	Lower	Upper
82	100		
128	35.3	19.7	29.5#
54	36.9	25.8	38.6

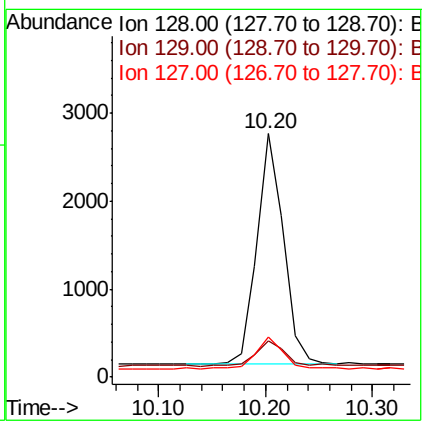


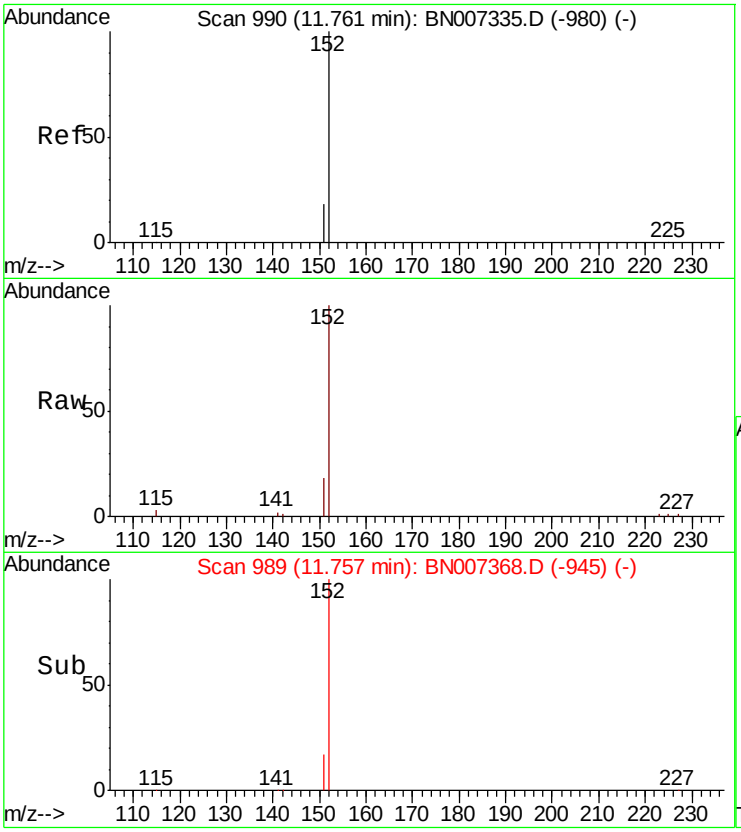


#9
Naphthalene
Concen: 0.064 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion:128 Resp: 4520

Ion	Ratio	Lower	Upper
128	100		
129	15.0	11.1	16.7
127	16.2	15.5	23.3



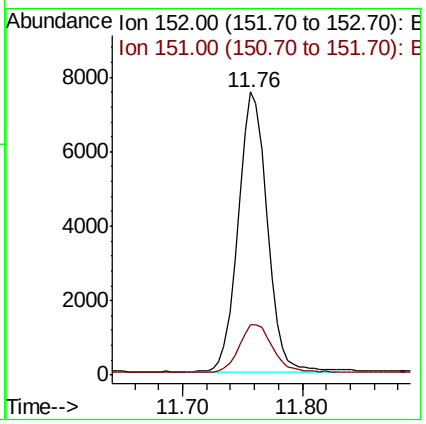


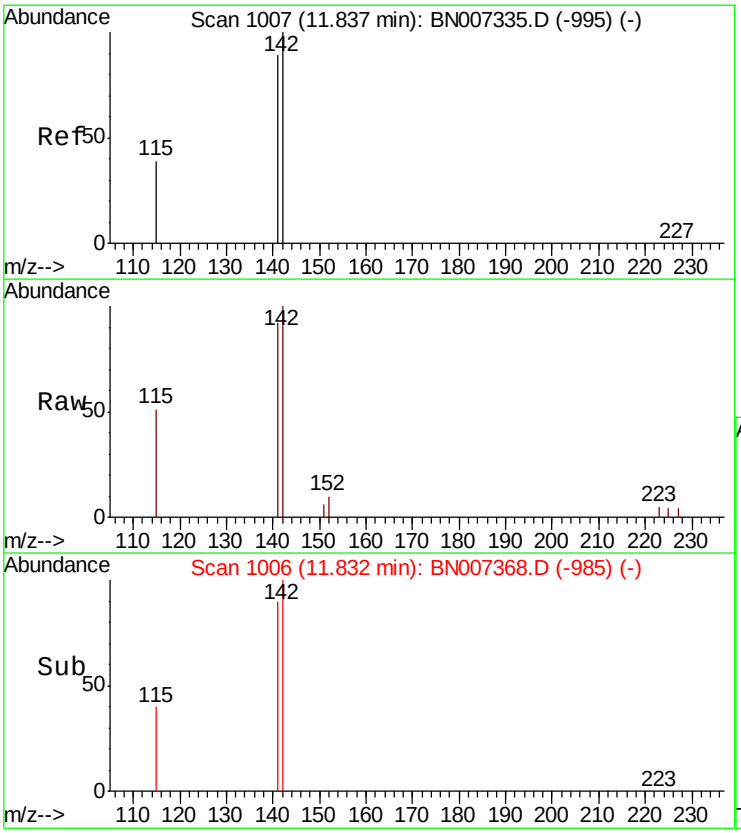
#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion:152 Resp: 12576

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.2

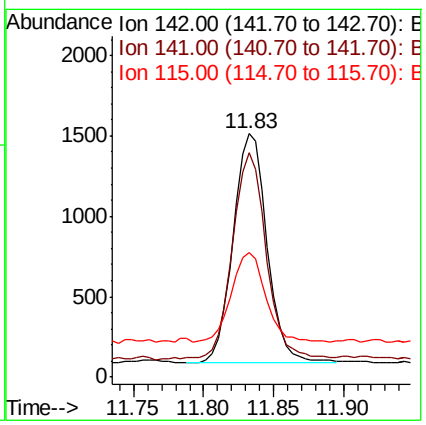


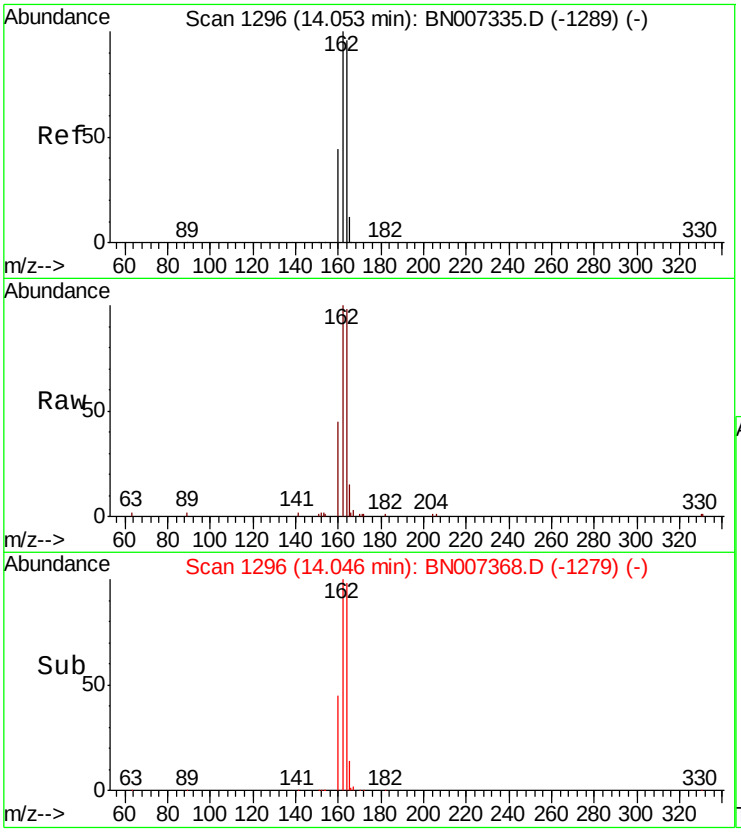


#12
2-Methylnaphthalene
Concen: 0.050 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion:142 Resp: 2389

Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.8	109.2
115	51.2	35.2	52.8



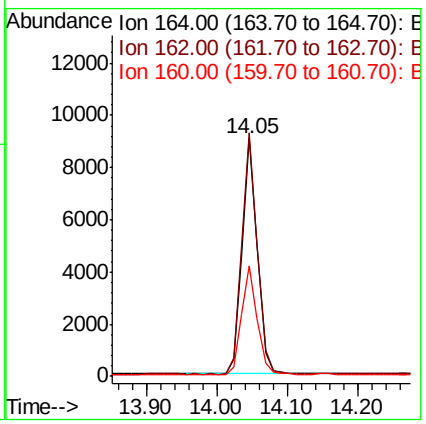


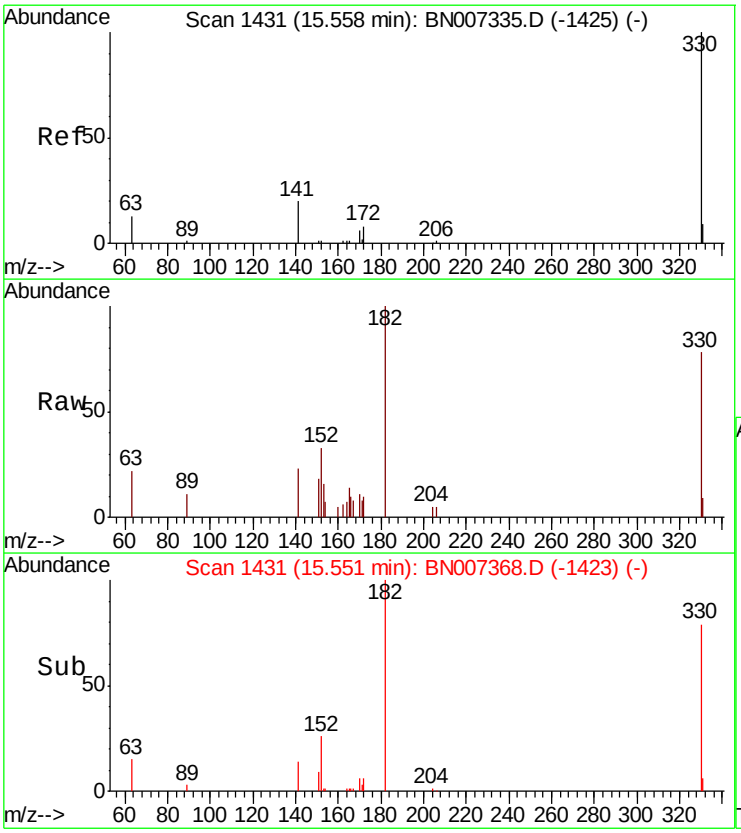
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion:164 Resp: 13559

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.5	125.3
160	46.3	38.2	57.4

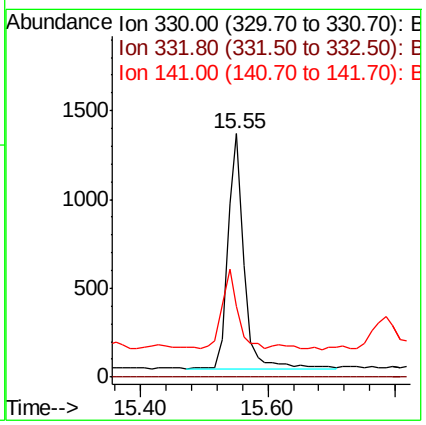


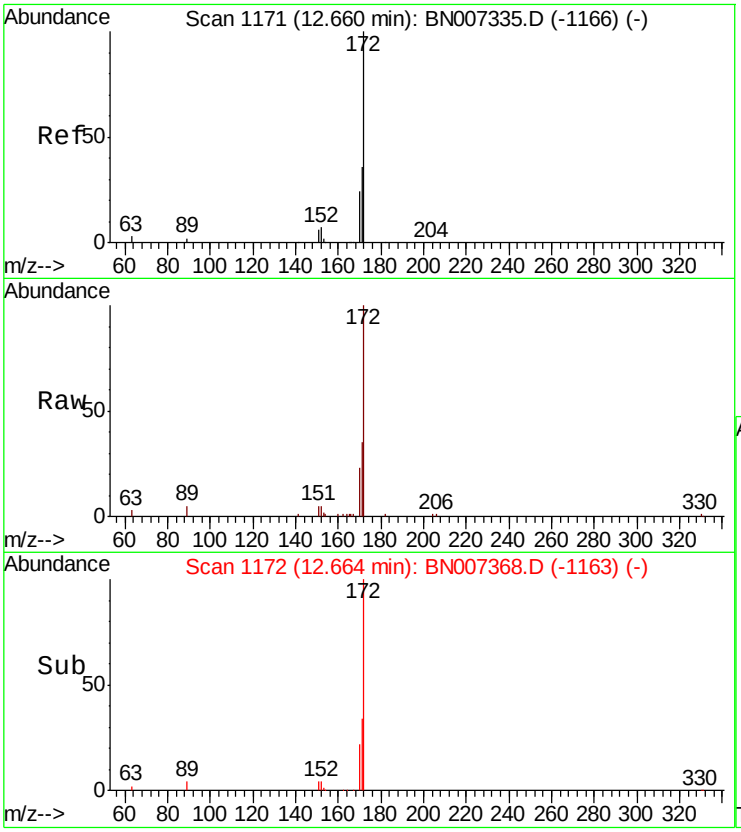


#14
2,4,6-Tribromophenol
Concen: 0.321 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion:330 Resp: 2278

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.1	26.9	40.3



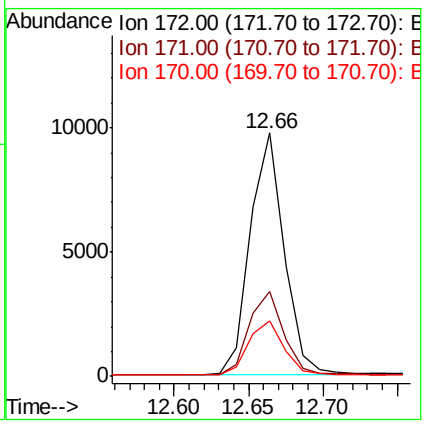


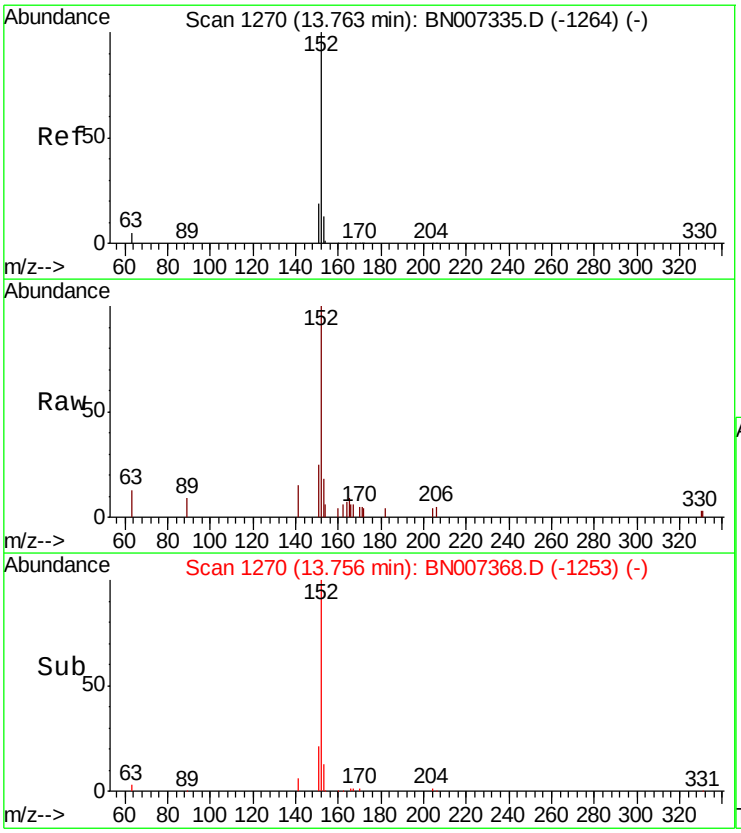
#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion:172 Resp: 15455

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.3	45.5
170	22.6	20.7	31.1

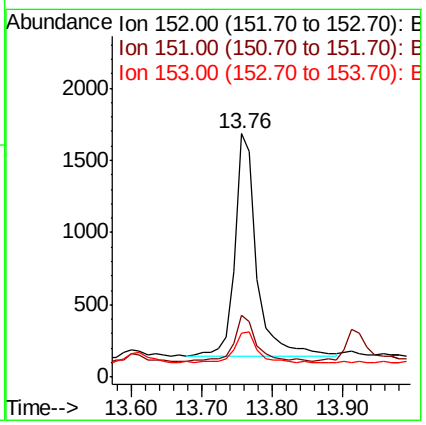


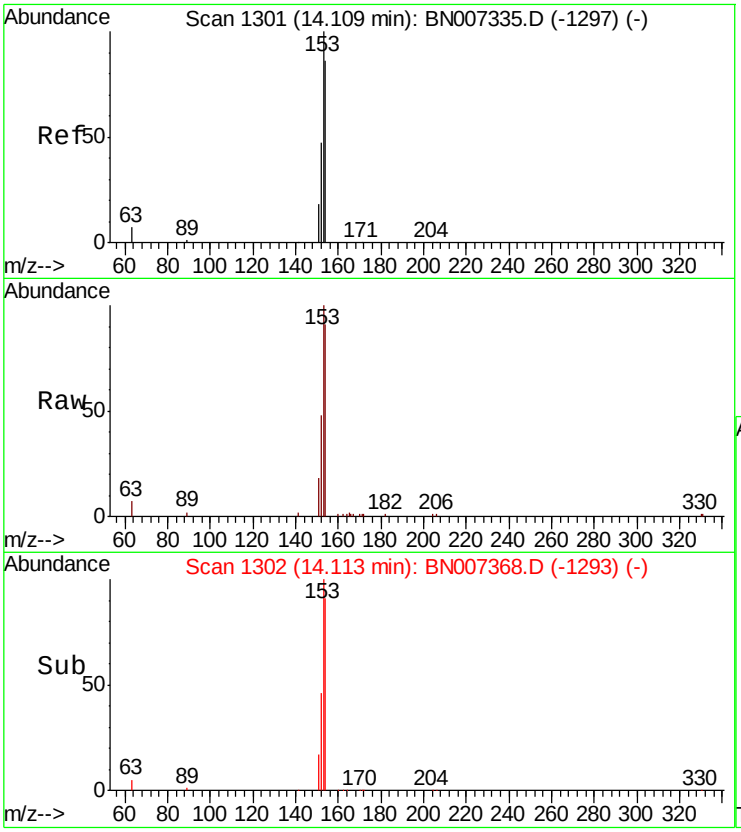


#16
Acenaphthylene
Concen: 0.041 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion:152 Resp: 3323

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.1	24.1
153	16.1	10.6	15.8#



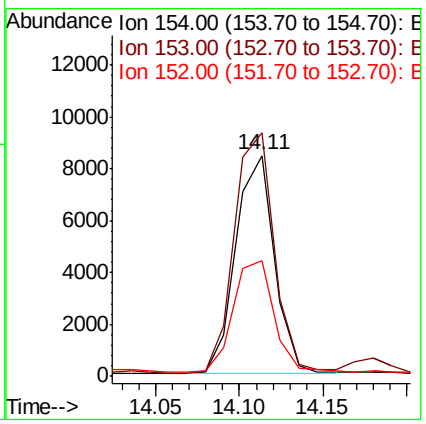


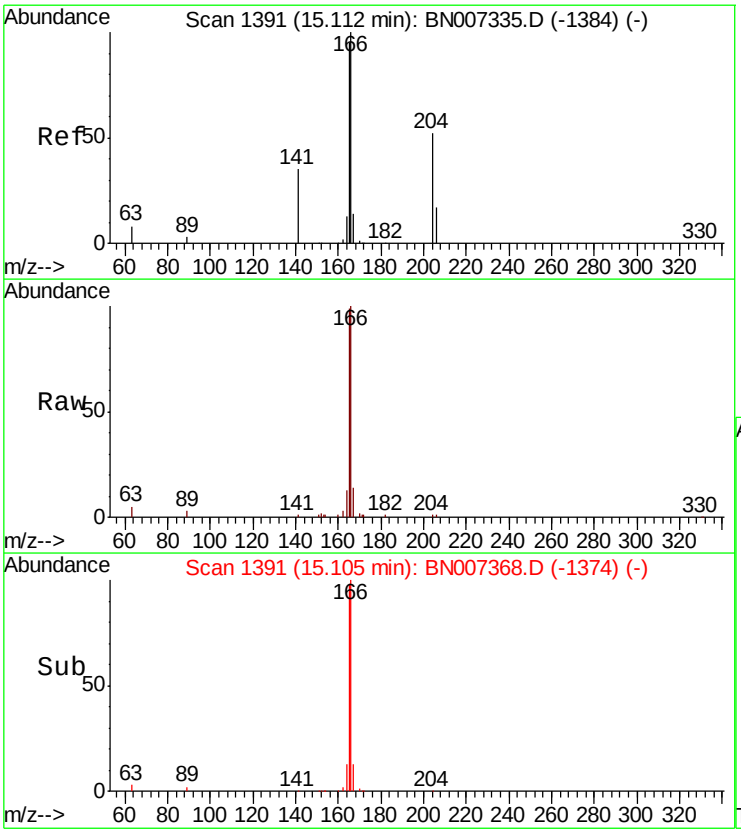
#17
Acenaphthene
Concen: 0.288 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion:154 Resp: 13497

Ion	Ratio	Lower	Upper
154	100		
153	113.4	92.8	139.2
152	55.6	43.8	65.8

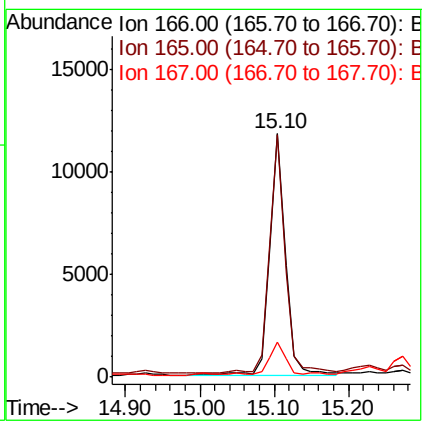


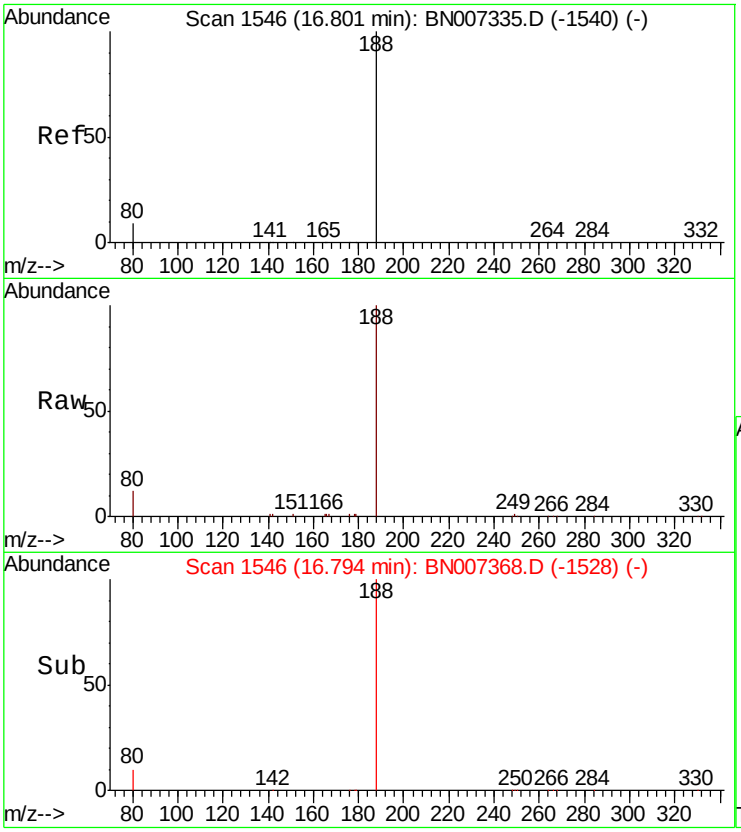


#18
Fluorene
Concen: 0.294 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion:166 Resp: 17472

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.0	118.4
167	13.9	10.6	15.8



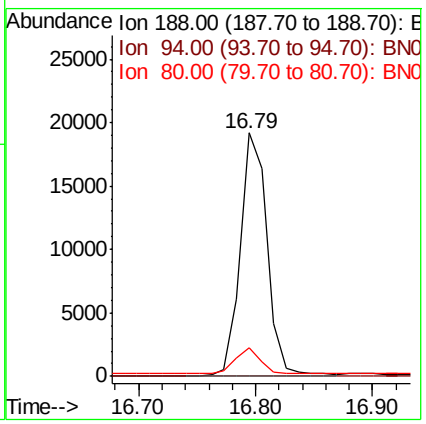


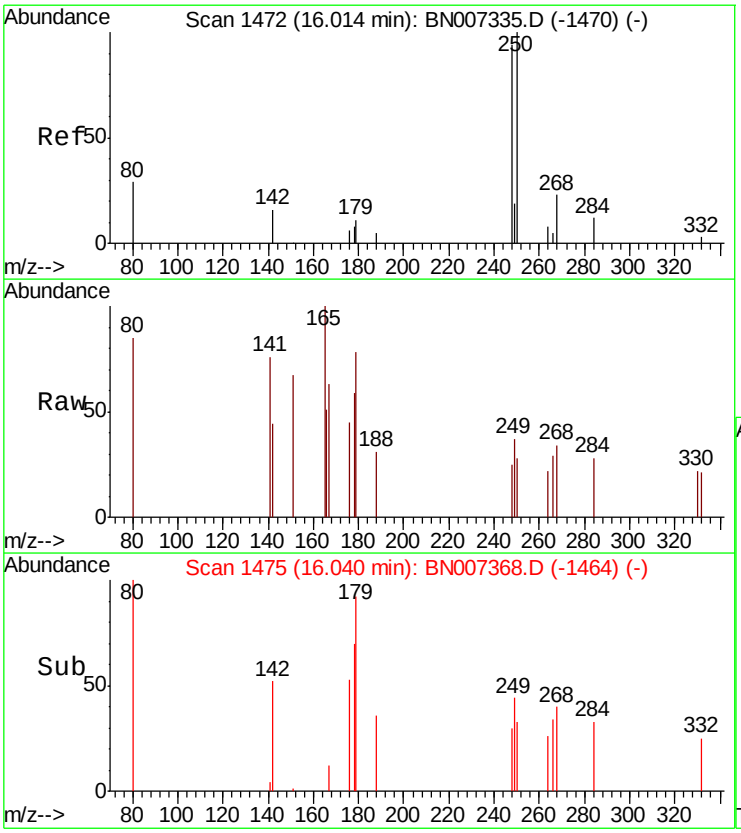
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion:188 Resp: 30073

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	11.8	17.8#

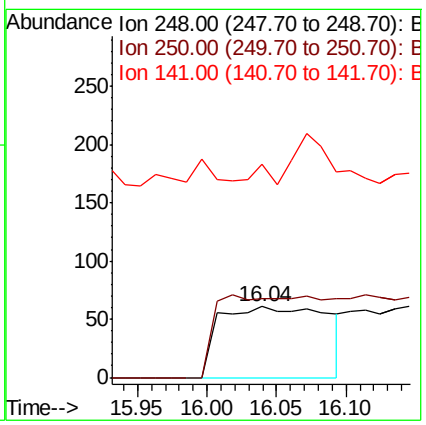


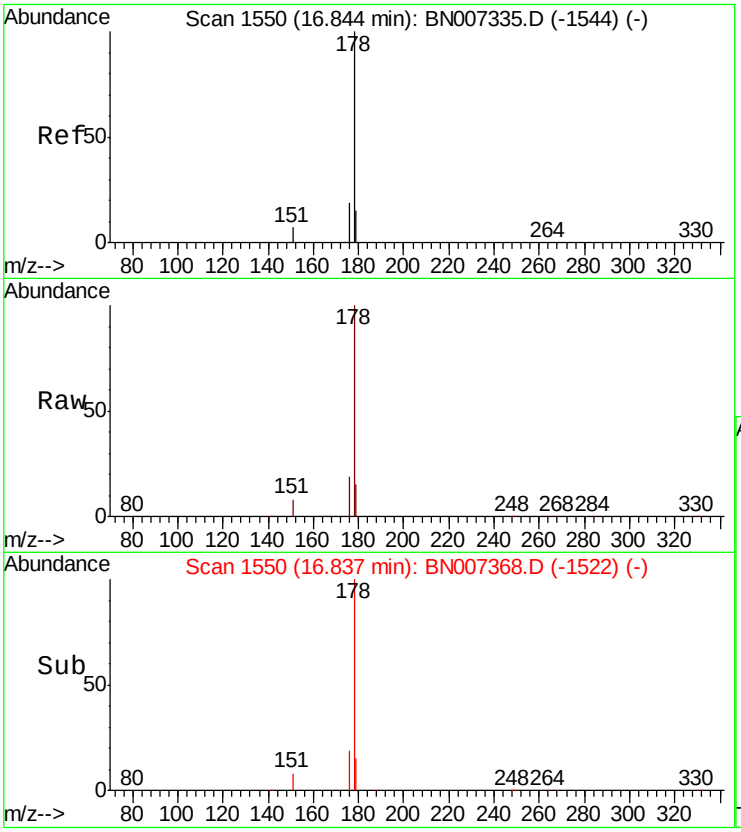


#20
4-Bromophenyl-phenylether
Concen: 0.028 ng
RT: 16.04 min Scan# 1475
Delta R.T. 0.03 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion:248 Resp: 328

Ion	Ratio	Lower	Upper
248	100		
250	111.5	85.0	127.6
141	300.0	51.7	77.5#



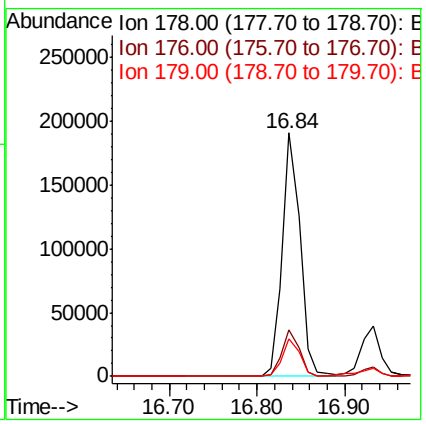


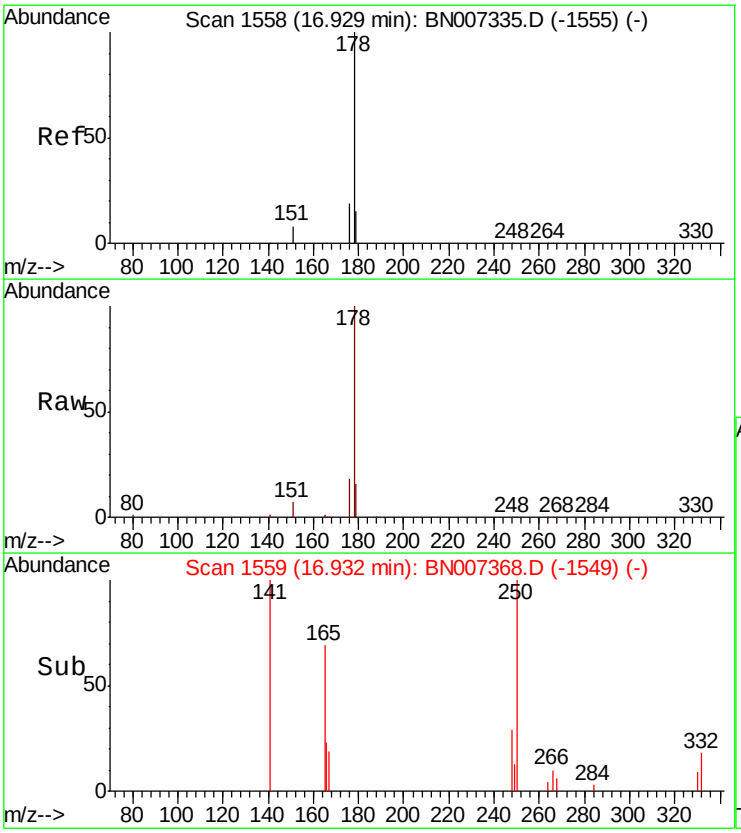
#23
Phenanthrene
Concen: 2.959 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion:178 Resp: 267622

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

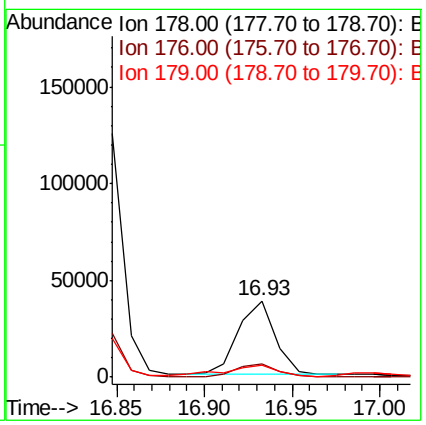


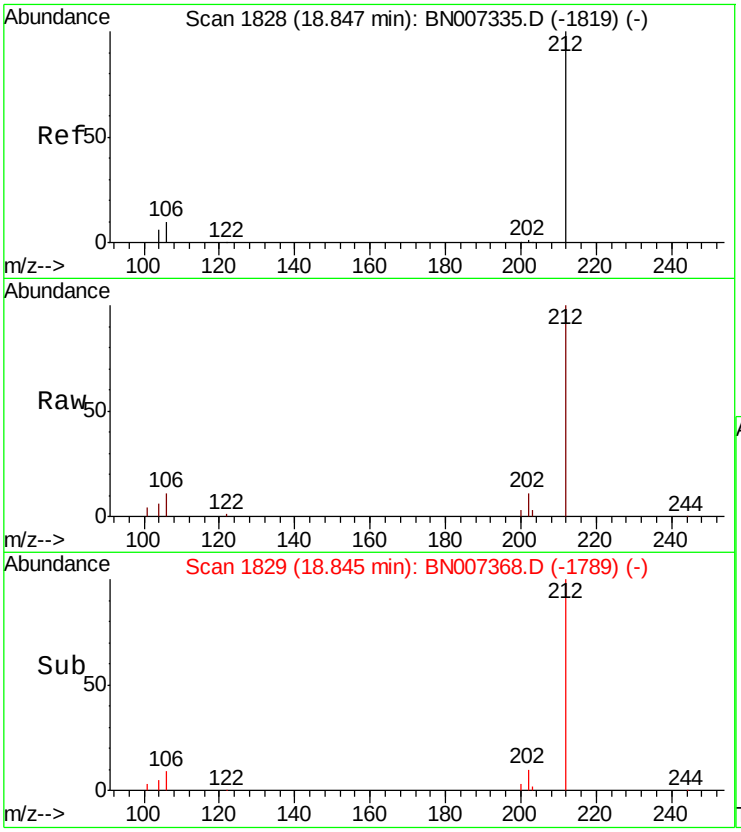


#24
Anthracene
Concen: 0.615 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion:178 Resp: 55979

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	20.2	12.4	18.6#



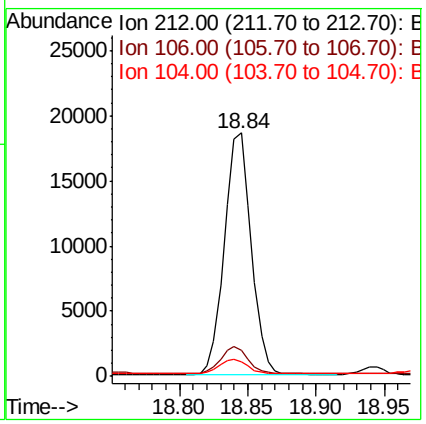


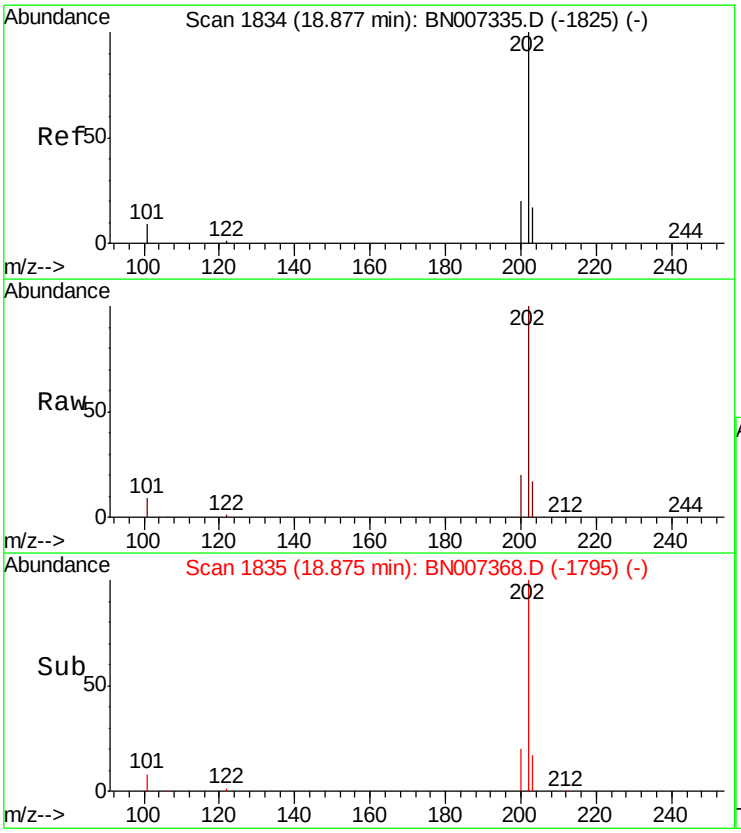
#25
Fluoranthene-d10
Concen: 0.260 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion:212 Resp: 25195

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.0	13.4
104	6.4	5.4	8.2

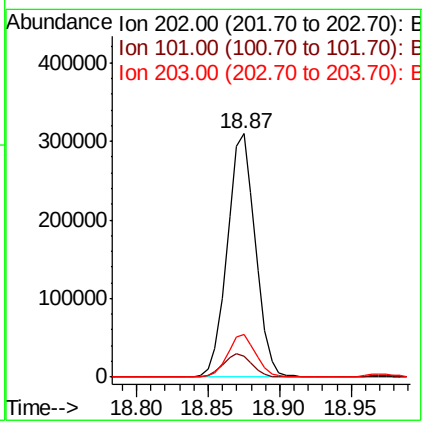


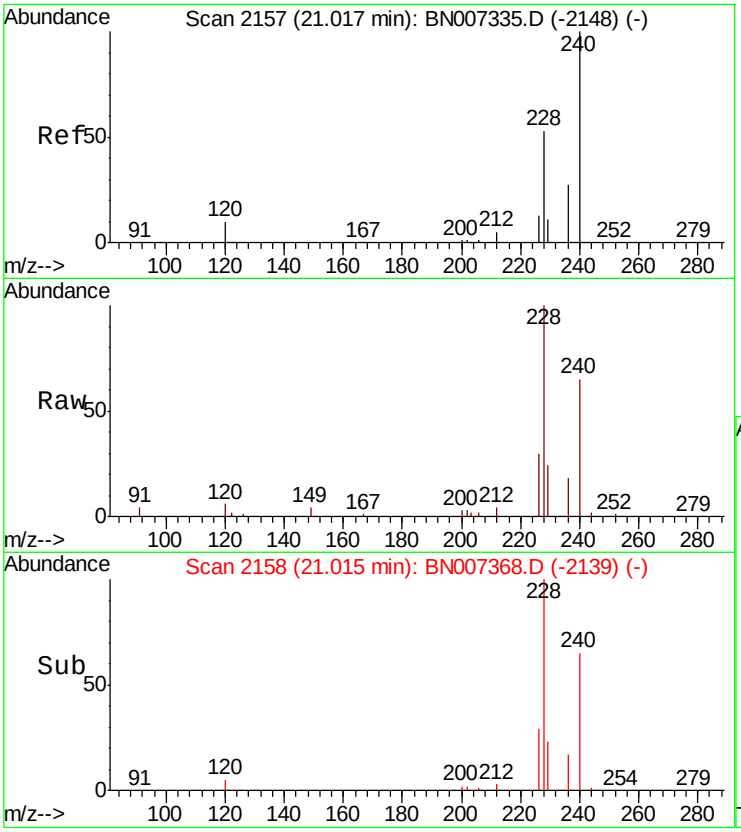


#26
Fluoranthene
Concen: 3.637 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion:202 Resp: 422445

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.7	11.5
203	17.3	13.7	20.5



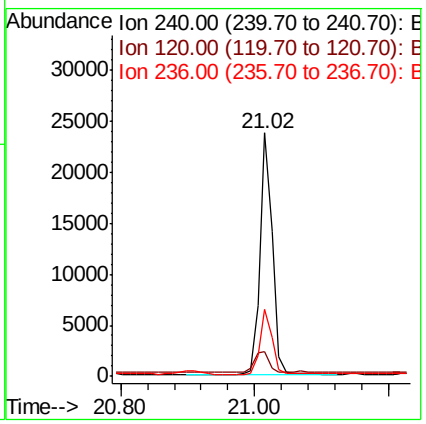


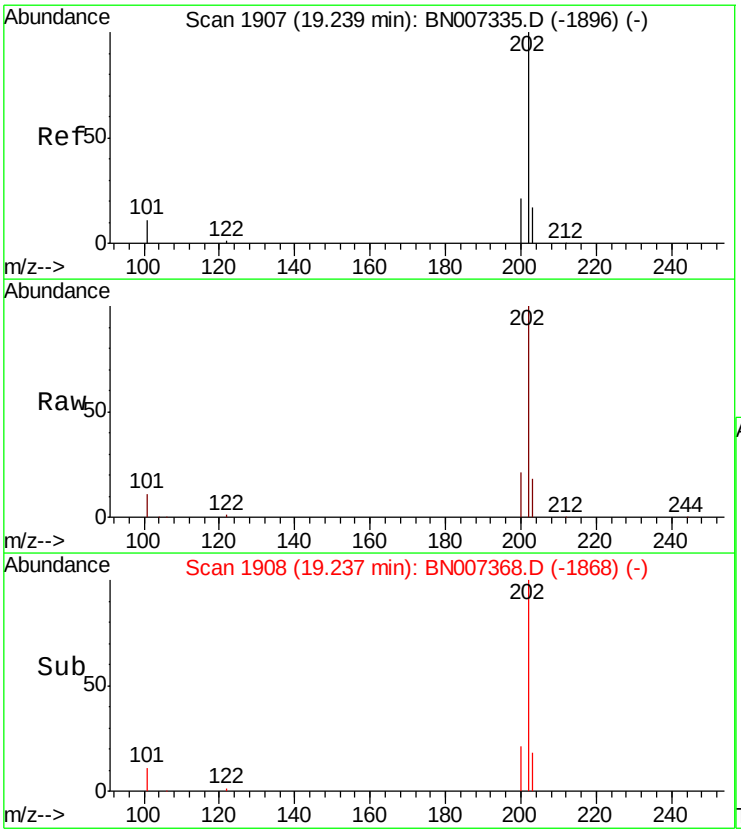
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion:240 Resp: 30643

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.6	14.4
236	27.6	22.2	33.2

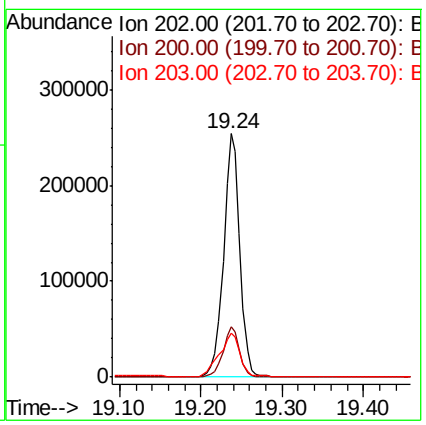


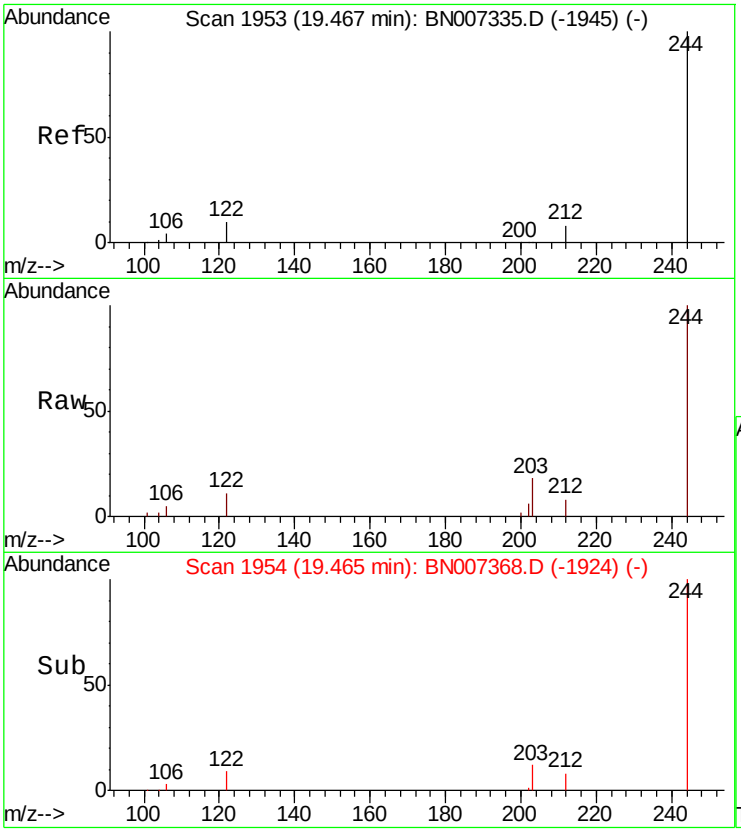


#28
Pyrene
Concen: 2.843 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion:202 Resp: 350457

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	23.1	14.2	21.4#



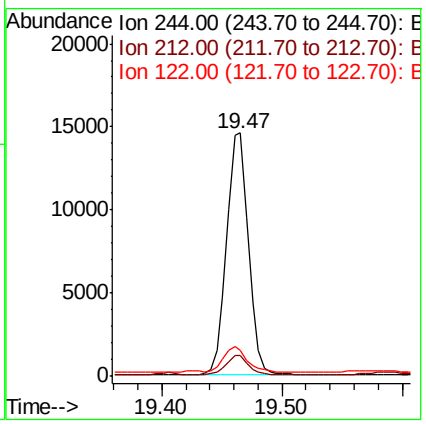


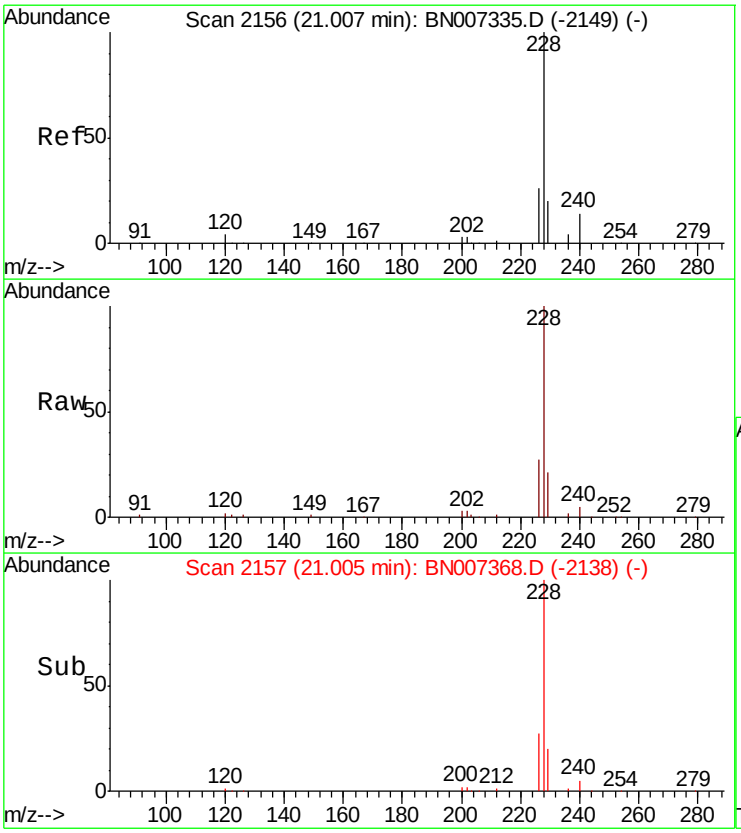
#29
Terphenyl-d14
Concen: 0.229 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion:244 Resp: 18366

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	10.6	9.6	14.4

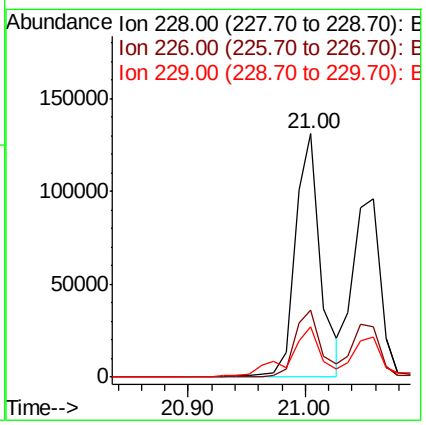


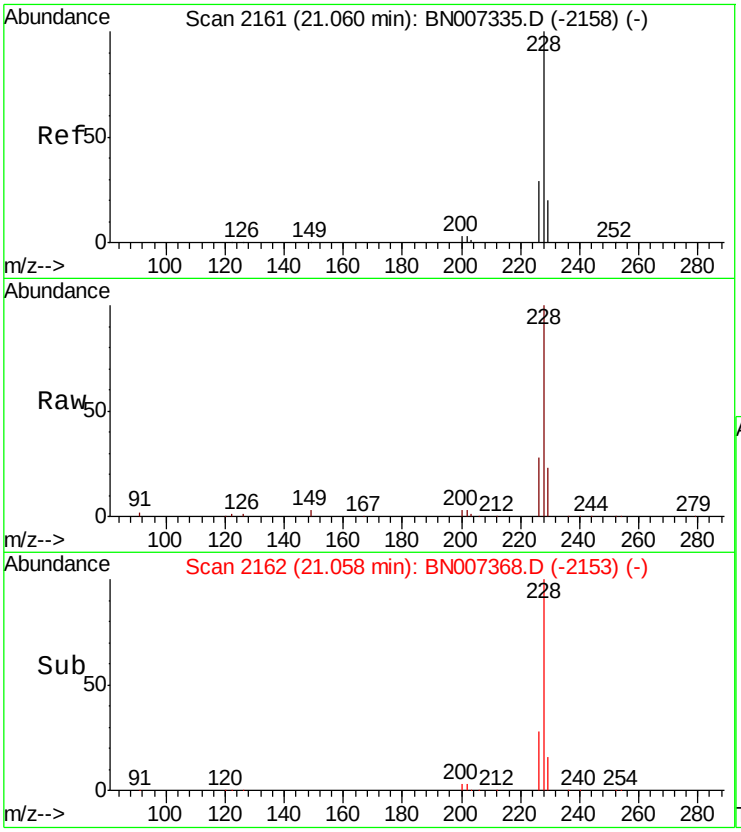


#30
Benzo(a)anthracene
Concen: 1.618 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion:228 Resp: 194737

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.3	31.9
229	20.7	16.1	24.1



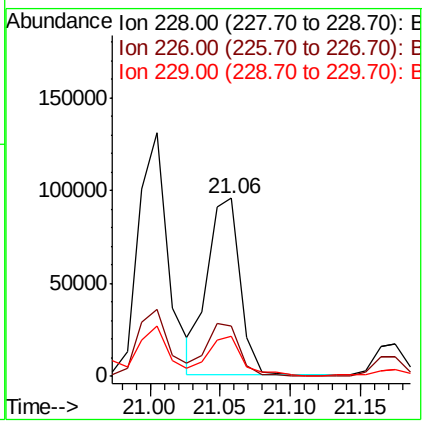


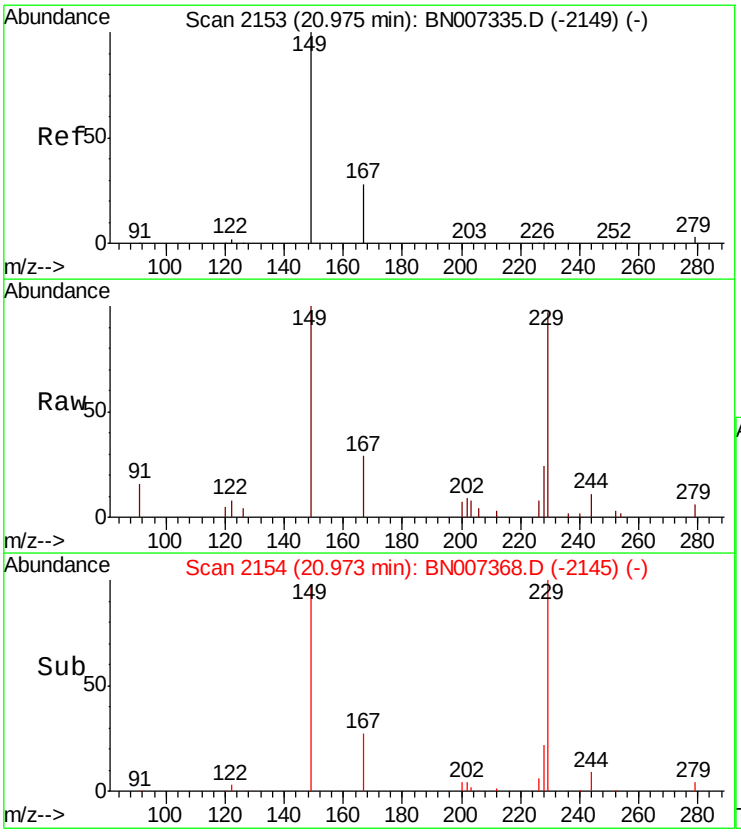
#31
Chrysene
Concen: 1.330 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion:228 Resp: 154524

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.5	35.3
229	22.5	16.6	24.8

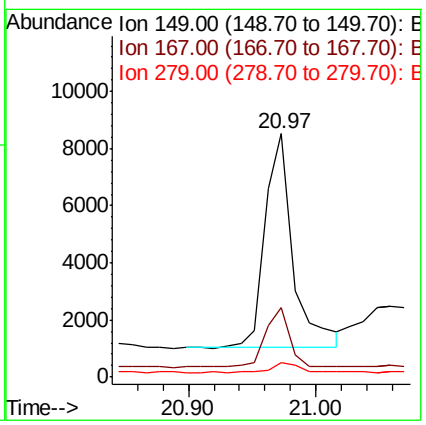


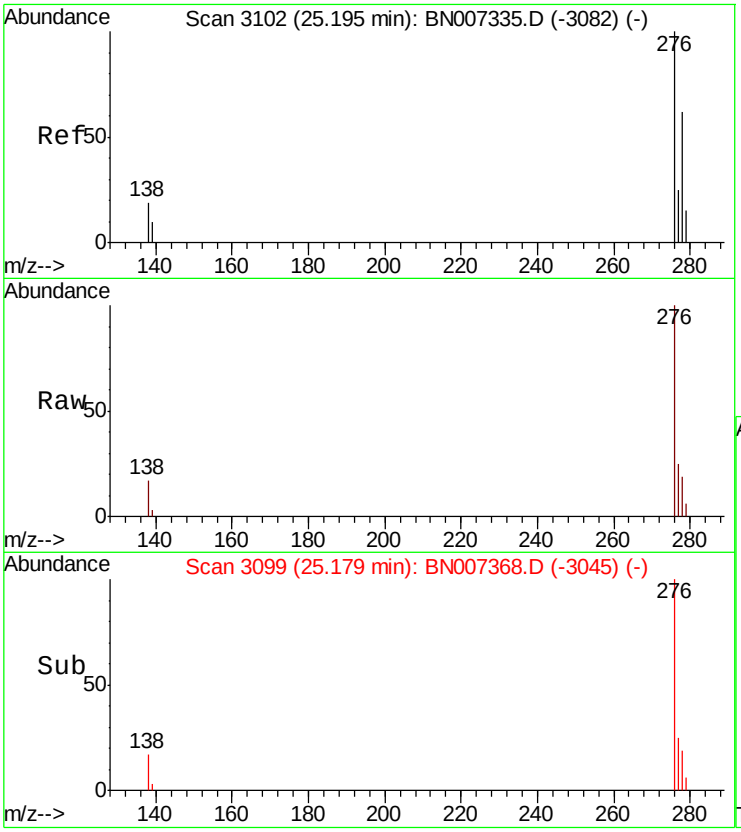


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.128 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion:149 Resp: 11451

Ion	Ratio	Lower	Upper
149	100		
167	24.0	22.8	34.2
279	4.5	3.5	5.3



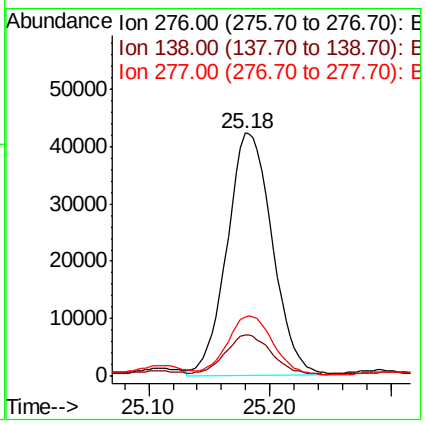


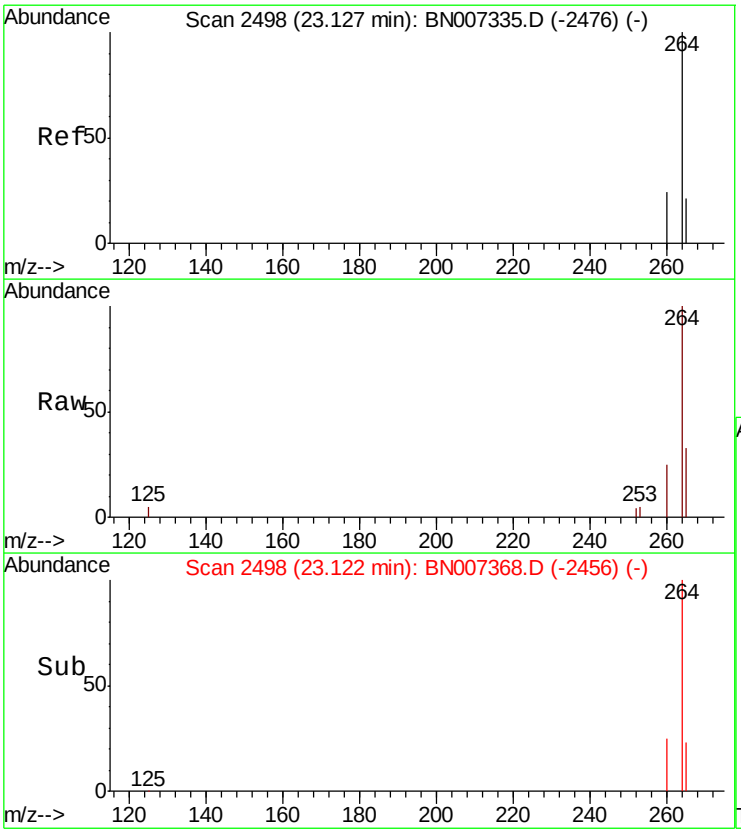
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.785 ng
RT: 25.18 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion:276 Resp: 109874

Ion	Ratio	Lower	Upper
276	100		
138	16.7	15.1	22.7
277	24.5	19.7	29.5

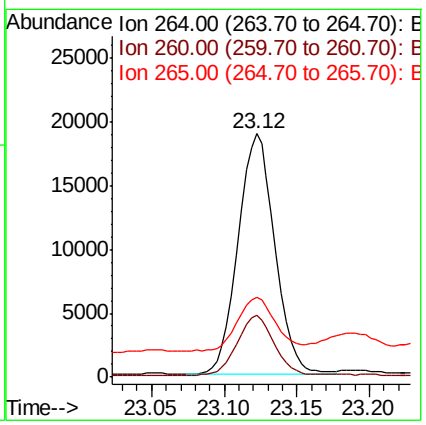


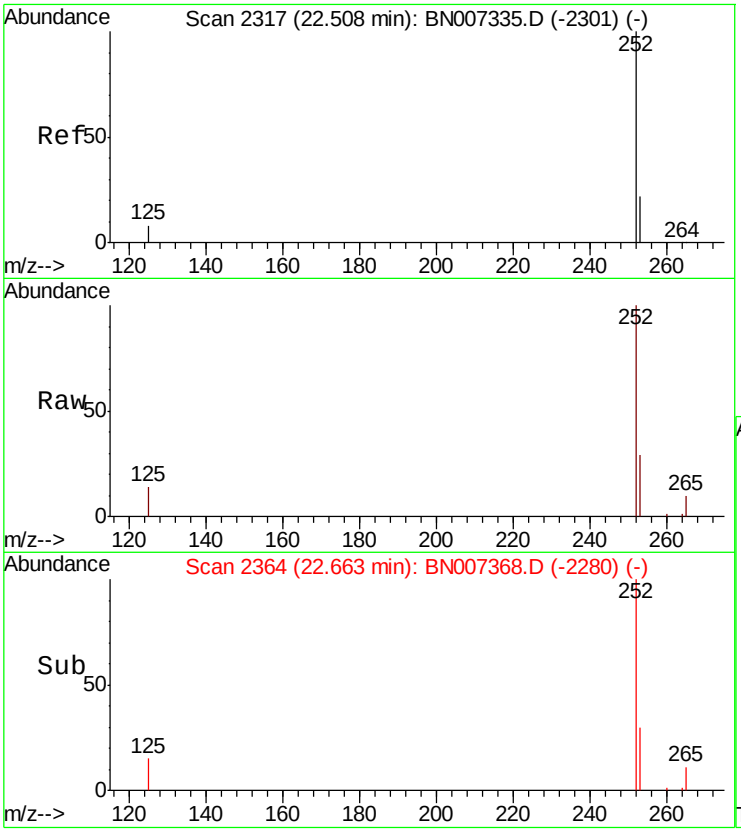


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion:264 Resp: 33113

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	32.5	29.9	44.9



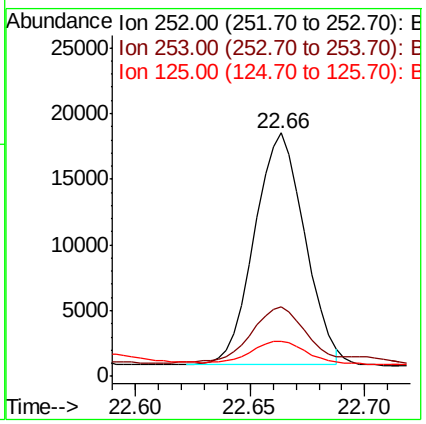


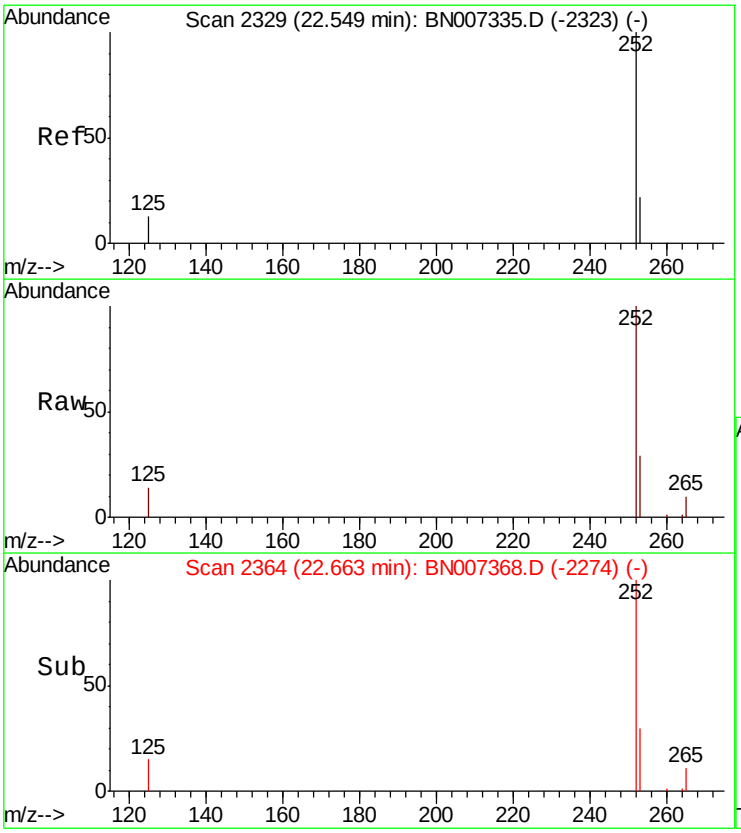
#35
Benzo(b)fluoranthene
Concen: 0.222 ng
RT: 22.66 min Scan# 2364
Delta R.T. 0.16 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion:252 Resp: 26608

Ion	Ratio	Lower	Upper
252	100		
253	28.8	19.2	28.8
125	14.4	10.6	16.0

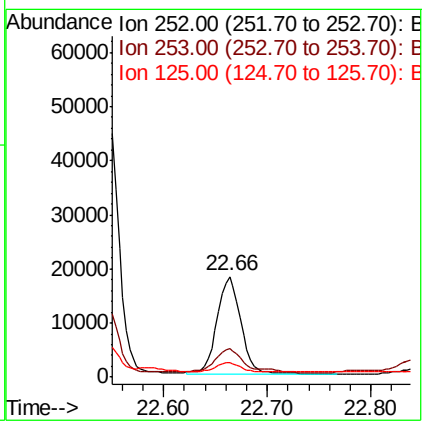


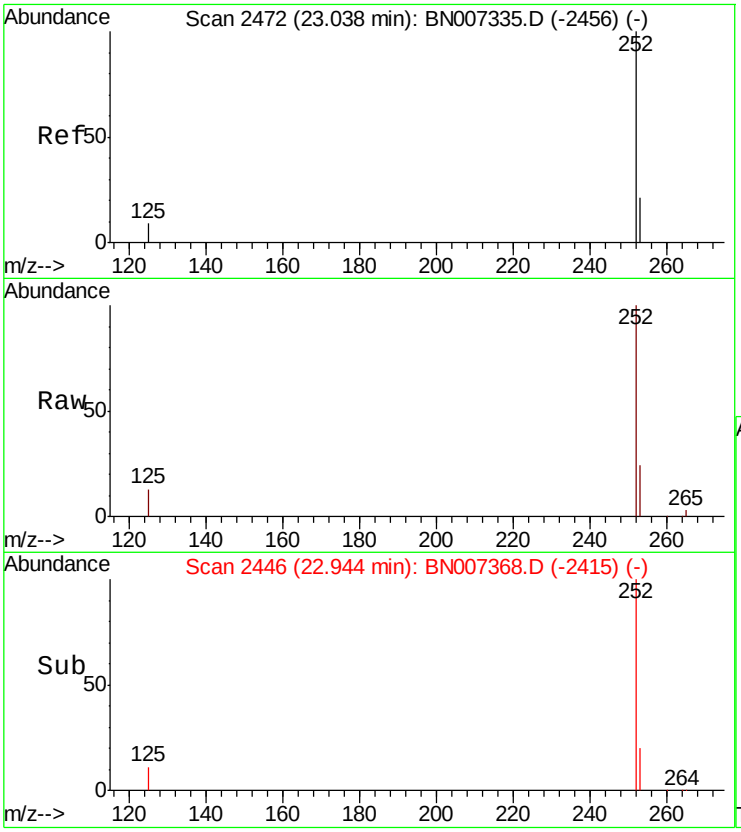


#36
Benzo(k)fluoranthene
Concen: 0.243 ng
RT: 22.66 min Scan# 2364
Delta R.T. 0.11 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion:252 Resp: 28869

Ion	Ratio	Lower	Upper
252	100		
253	28.8	19.4	29.2
125	14.4	13.1	19.7



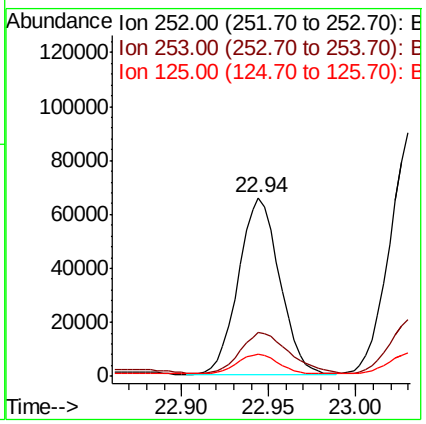


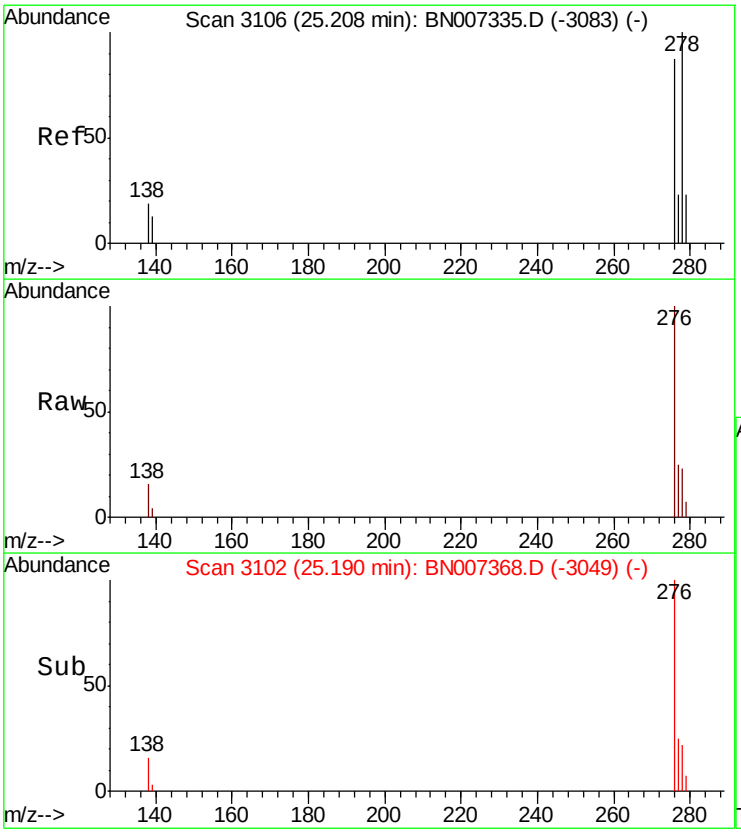
#37
Benzo(a)pyrene
Concen: 0.941 ng
RT: 22.94 min Scan# 2446
Delta R.T. -0.09 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion:252 Resp: 107401

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.5	29.3
125	12.7	12.1	18.1

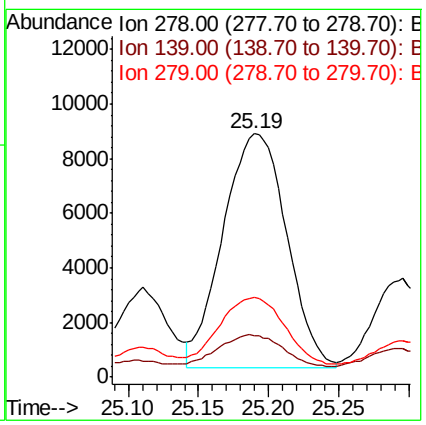


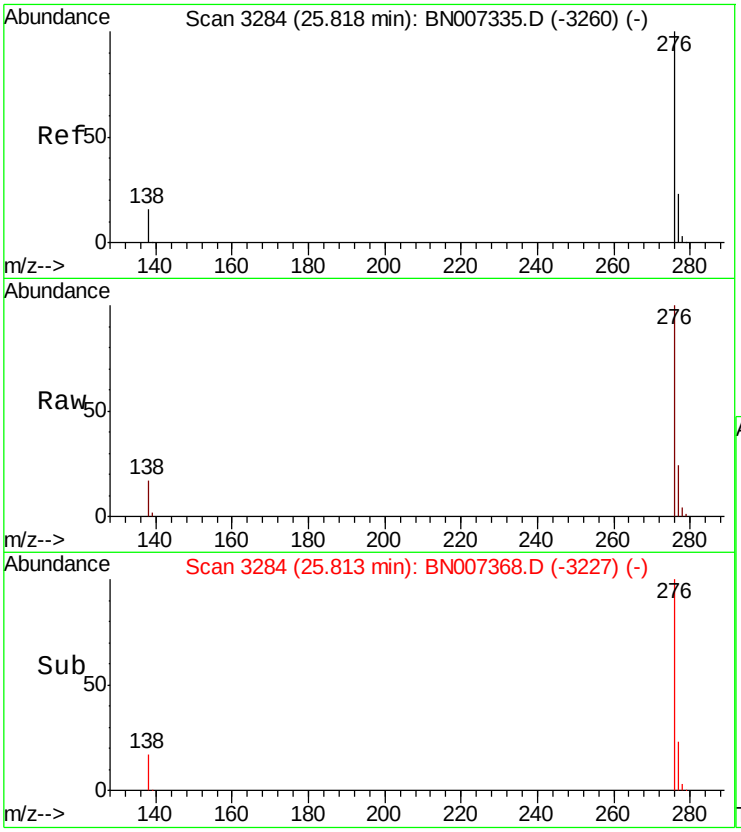


#38
Dibenzo(a,h)anthracene
Concen: 0.238 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Tgt Ion:278 Resp: 27112

Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.7	20.5
279	32.5	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 0.949 ng
RT: 25.81 min Scan# 3284
Delta R.T. -0.01 min
Lab File: BN007368.D
Acq: 24 Aug 2019 17:54

Instrument :
BNA_N
ClientSampleId :
N1-SB2-1.0-1.5-082219

Tgt Ion:276 Resp: 107739

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	17.4	16.3	24.5