Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\

Quantitation Report (Not Reviewed)

Data File : BN007385.D
Acq On : 25 Aug 2019 05:30
Operator : HP/JU
Sample : K4441-12DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S700-N-1.0-1.5-082019DL

Quant Time: Aug 26 04:31:18 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	7331	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	29968	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	15342	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	33501	0.40	ng		0.00
27) Chrysene-d12	21.02	240	32790	0.40	ng		0.00
34) Perylene-d12	23.12	264	35814	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	1040	0.01	ng		0.00
5) Phenol-d6	6.59	99	1388	0.01	ng		0.00
8) Nitrobenzene-d5	8.54	82	945	0.04	ng		0.01
11) 2-Methylnaphthalene-d10	11.76	152	1981	0.04	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	349	0.04	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	2369	0.04	ng		0.00
25) Fluoranthene-d10	18.84	212	3919	0.04	ng		0.00
29) Terphenyl-d14	19.46	244	2844	0.03	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.20	128	4509	0.053	ng		94
12) 2-Methylnaphthalene	11.83	142	2034	0.035	ng	#	93
16) Acenaphthylene	13.76	152	1936	0.021	ng		93
17) Acenaphthene	14.11	154	16565	0.312	ng		97
18) Fluorene	15.10	166	16156	0.241	ng		99
20) 4-Bromophenyl-phenylether	16.04	248	389	0.029	ng	#	19
23) Phenanthrene	16.84	178	280744	2.786	ng		99
24) Anthracene	16.93	178	55725	0.550	ng		96
26) Fluoranthene	18.87	202	563236	4.353	ng		99
28) Pyrene	19.24	202	484816	3.676	ng	#	96
30) Benzo(a)anthracene	21.00	228	387657	3.010	ng		99
31) Chrysene	21.05	228	331179	2.664	ng		98
32) Bis(2-ethylhexyl)phthalate	20.96	149	5056	0.042	ng	#	87
33) Indeno(1,2,3-cd)pyrene	25.18	276	203720	1.361	ng		98
35) Benzo(b)fluoranthene	22.66	252	51791	0.399	ng		93
36) Benzo(k)fluoranthene	22.50	252	511253	3.986	ng	#	90
37) Benzo(a)pyrene	23.16	252	81422	0.659	ng		98
38) Dibenzo(a,h)anthracene	25.19	278	61210	0.497	ng		95
39) Benzo(g,h,i)perylene	25.81	276	201477	1.641	ng		96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\

Quantitation Report (Not Reviewed)

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Acq On : 25 Aug 2019 05:30
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Sample : K4441-12DL 5X
Misc :
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BNA_N
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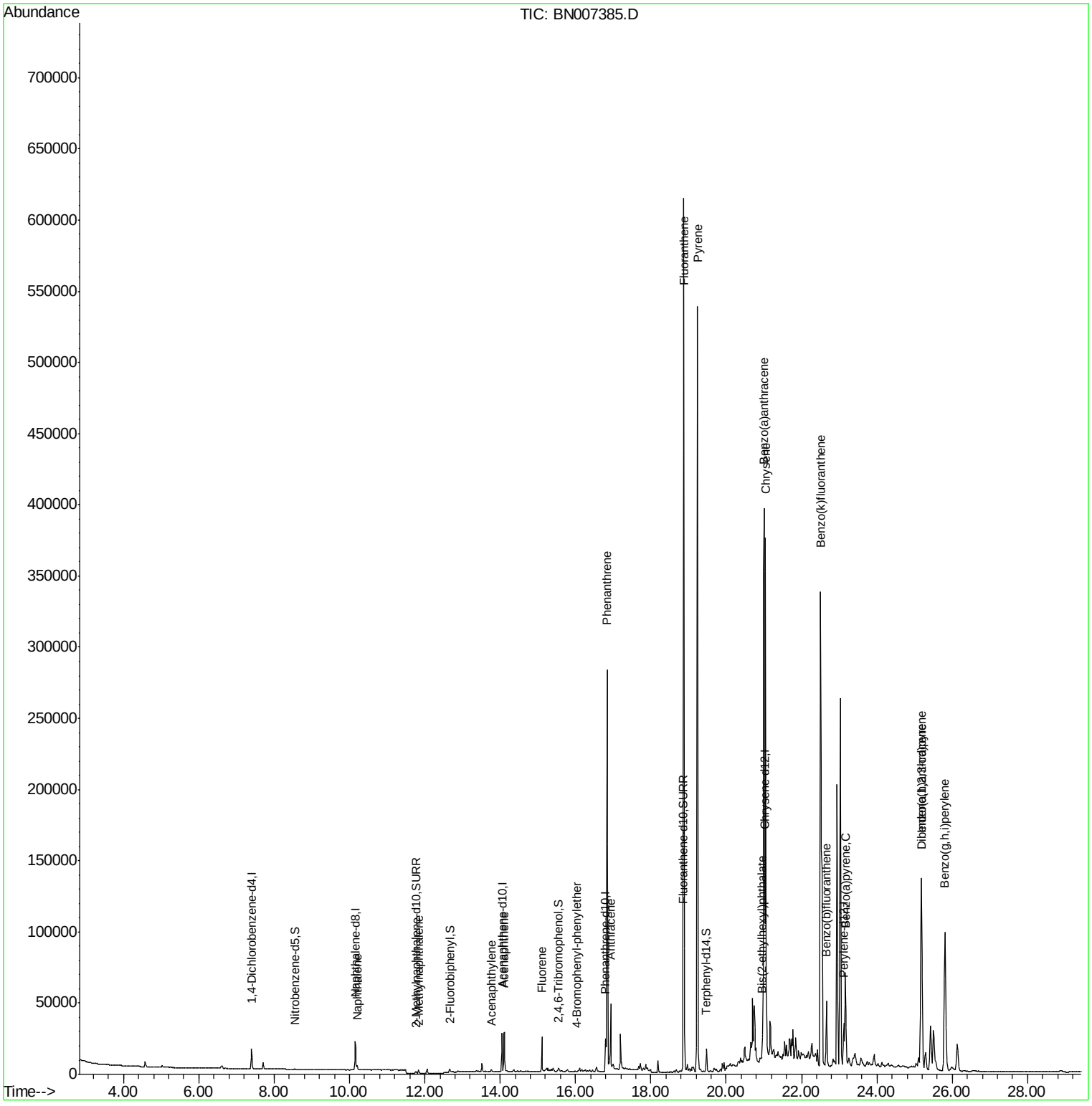
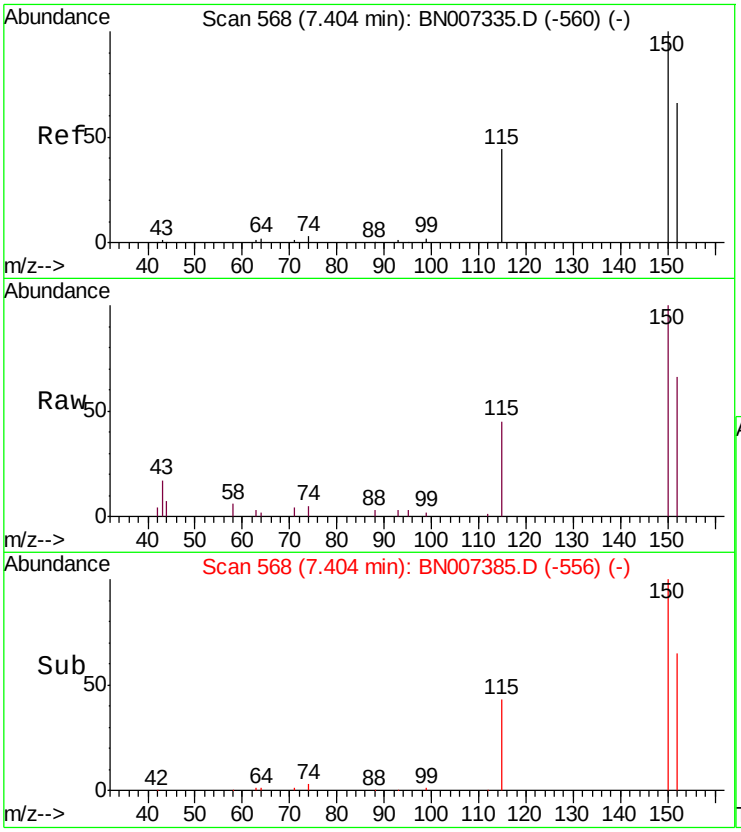
S700-N-1.0-1.5-082019DL

Quant Time: Aug 26 04:31:18 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



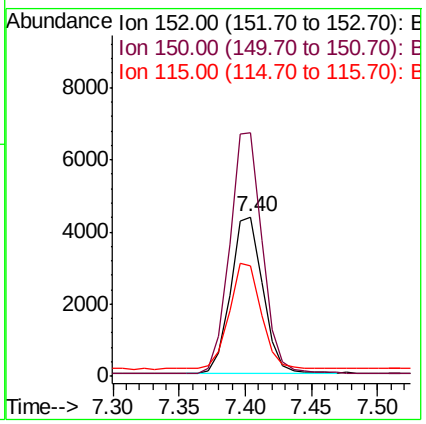


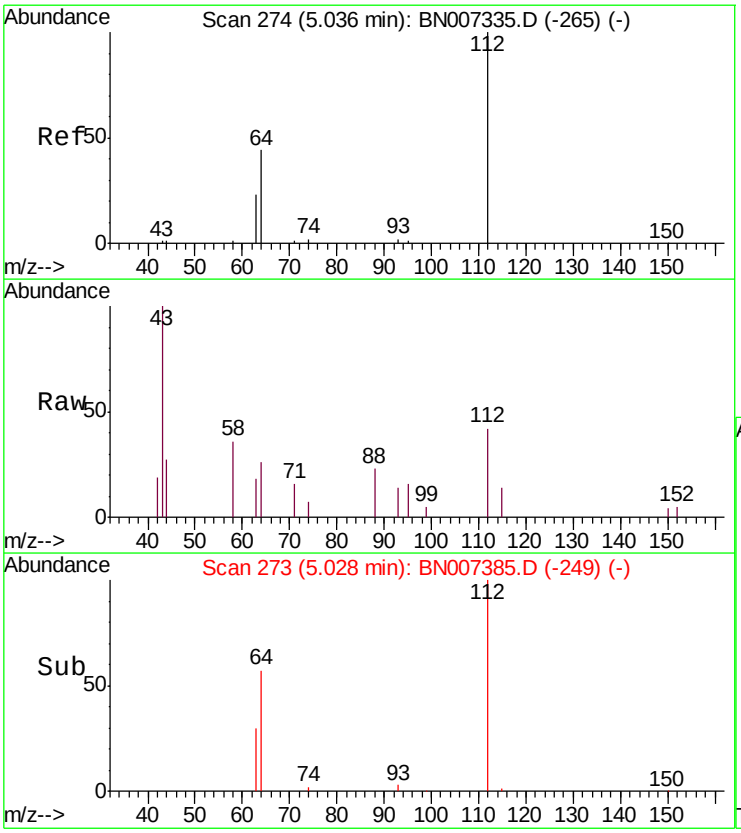
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion:152 Resp: 7331

Ion	Ratio	Lower	Upper
152	100		
150	152.4	109.1	163.7
115	69.0	59.6	89.4

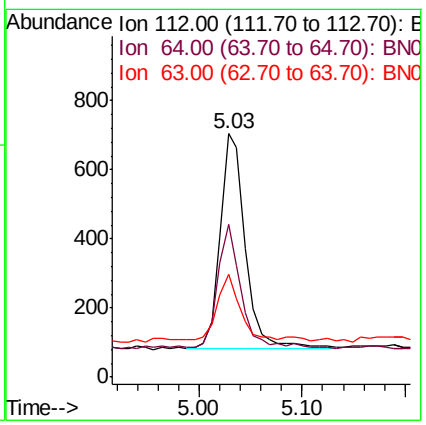


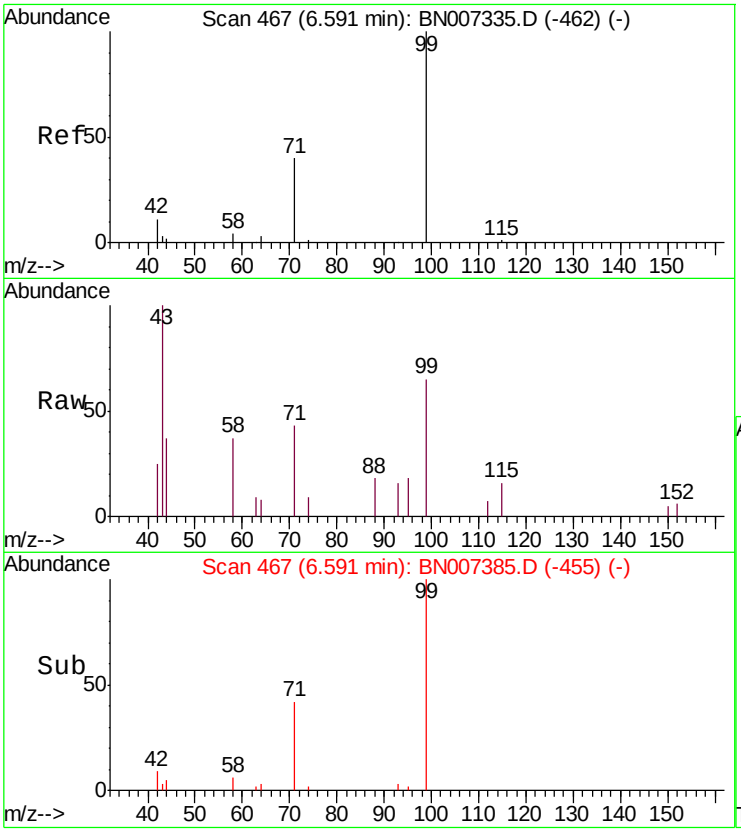


#4
2-Fluorophenol
Concen: 0.014 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Tgt Ion:112 Resp: 1040

Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.3	63.5
63	27.8	23.6	35.4



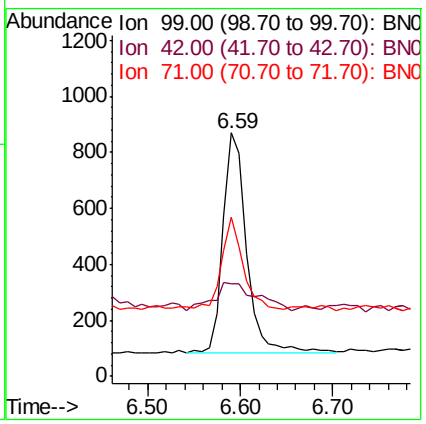


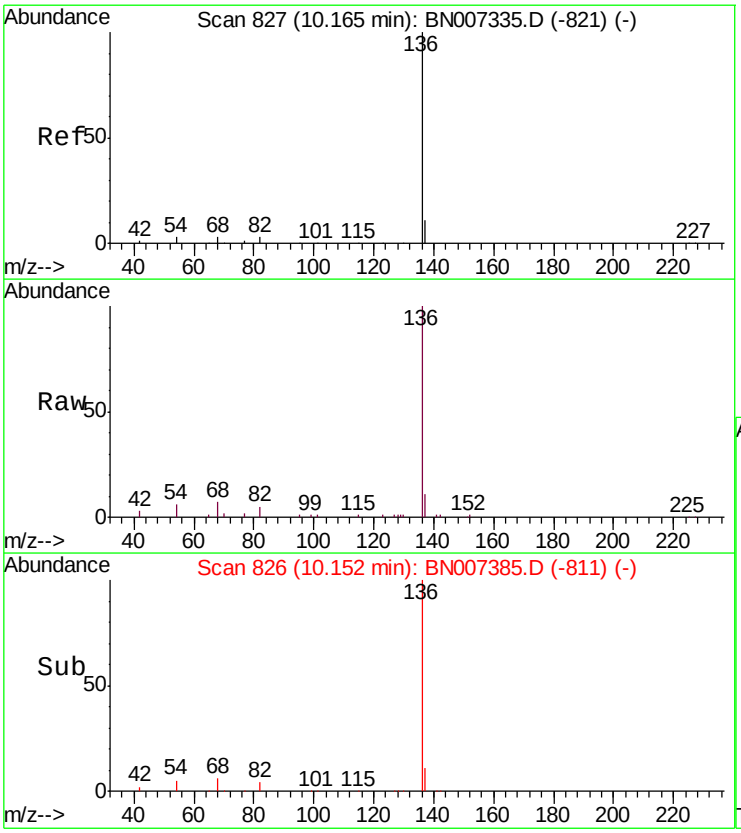
#5
Phenol-d6
Concen: 0.014 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion: 99 Resp: 1388

Ion	Ratio	Lower	Upper
99	100		
42	23.1	11.2	16.8#
71	38.3	31.8	47.8

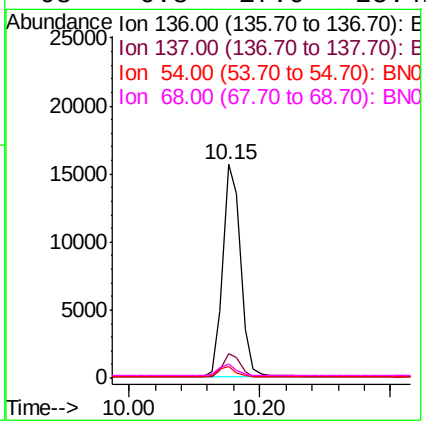


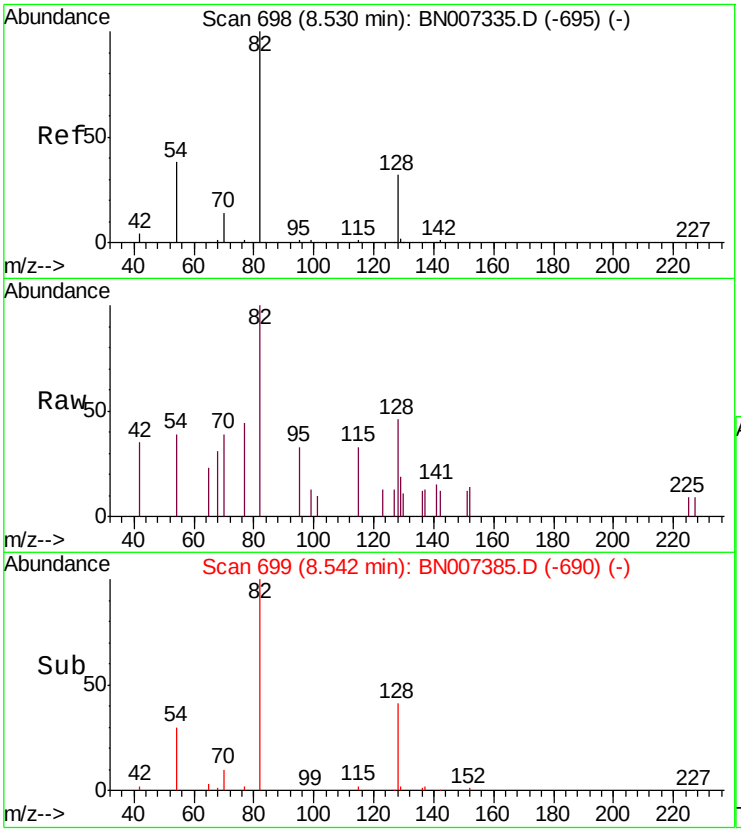


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Tgt Ion:136 Resp: 29968

Ion	Ratio	Lower	Upper
136	100		
137	11.2	12.9	19.3#
54	5.5	8.6	12.8#
68	6.8	17.0	25.4#



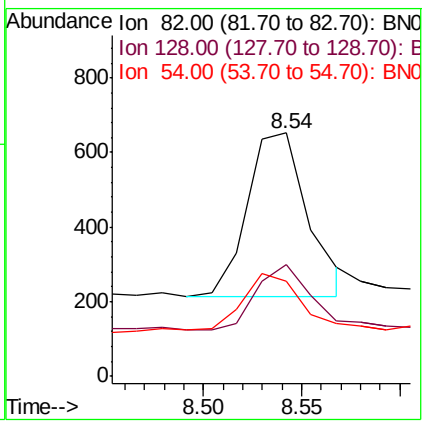


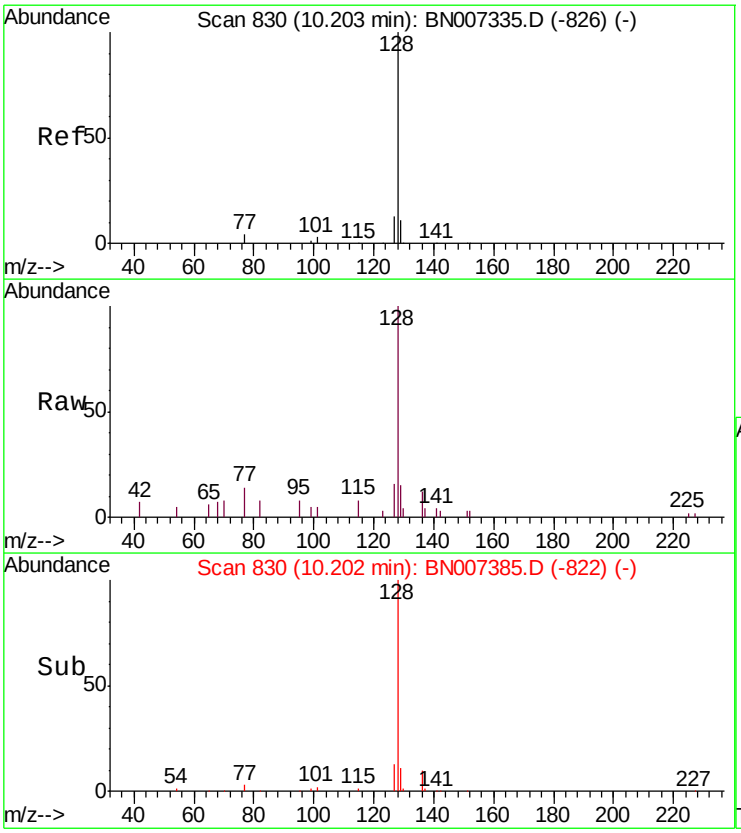
#8
Nitrobenzene-d5
Concen: 0.036 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.01 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion: 82 Resp: 945

Ion	Ratio	Lower	Upper
82	100		
128	45.9	19.7	29.5#
54	39.1	25.8	38.6#

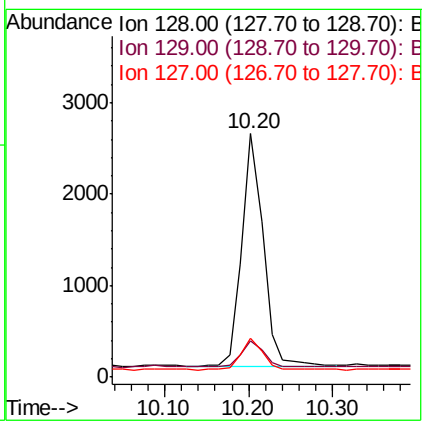


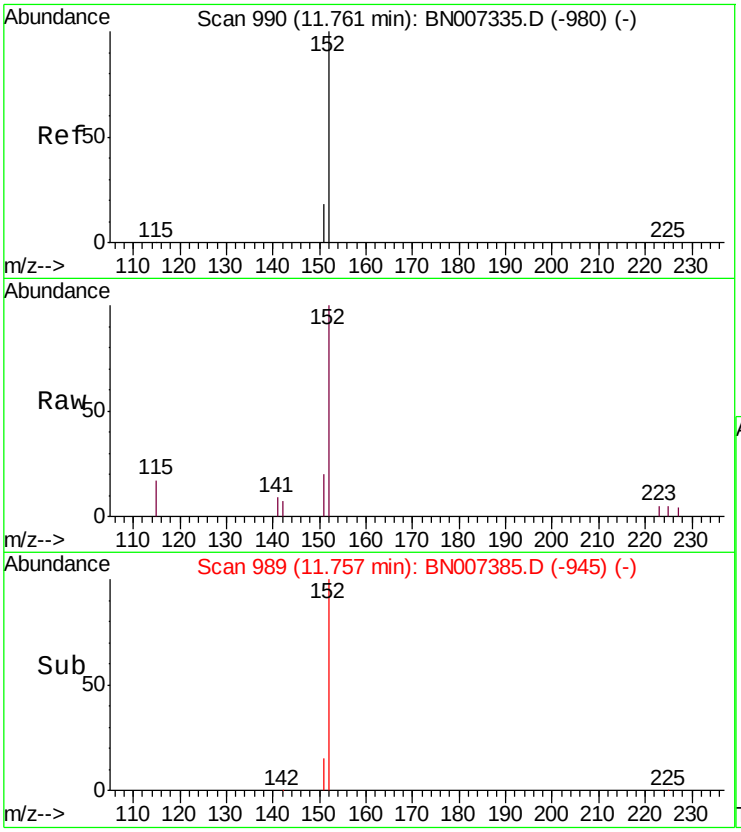


#9
Naphthalene
Concen: 0.053 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Tgt Ion:128 Resp: 4509

Ion	Ratio	Lower	Upper
128	100		
129	15.1	11.1	16.7
127	15.8	15.5	23.3



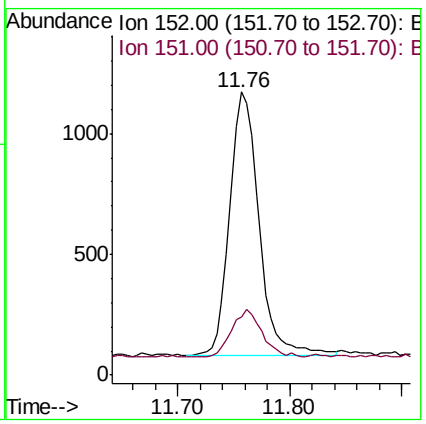


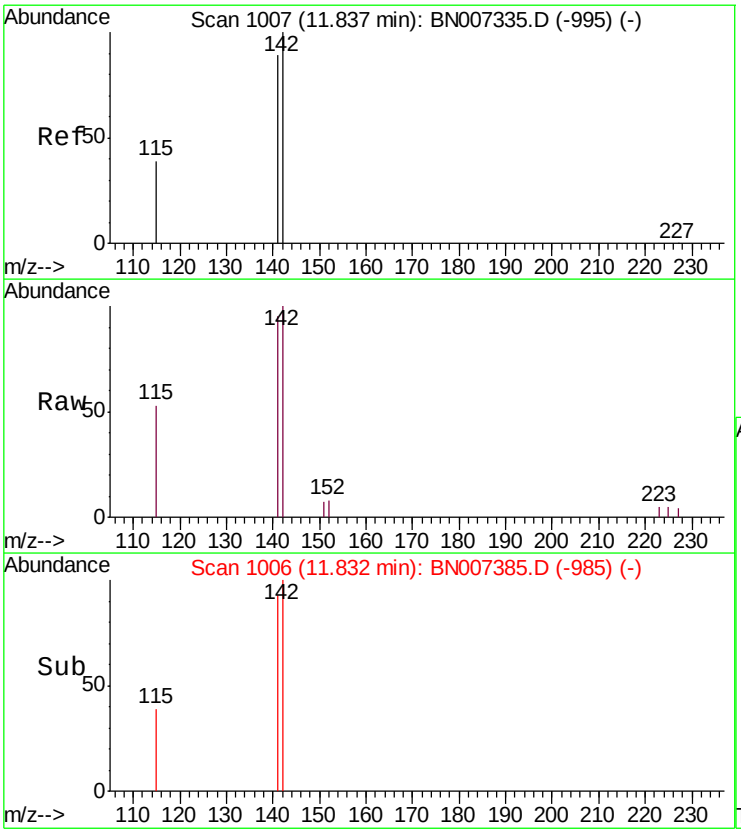
#11
2-Methylnaphthalene-d10
Concen: 0.040 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion:152 Resp: 1981

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.2

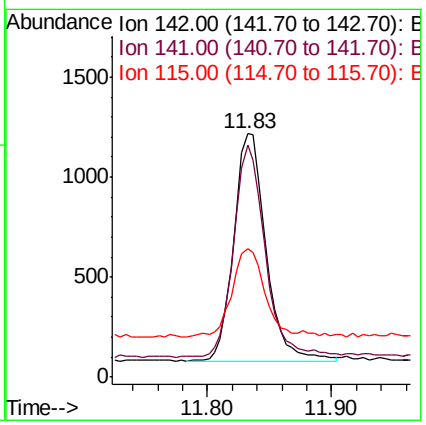


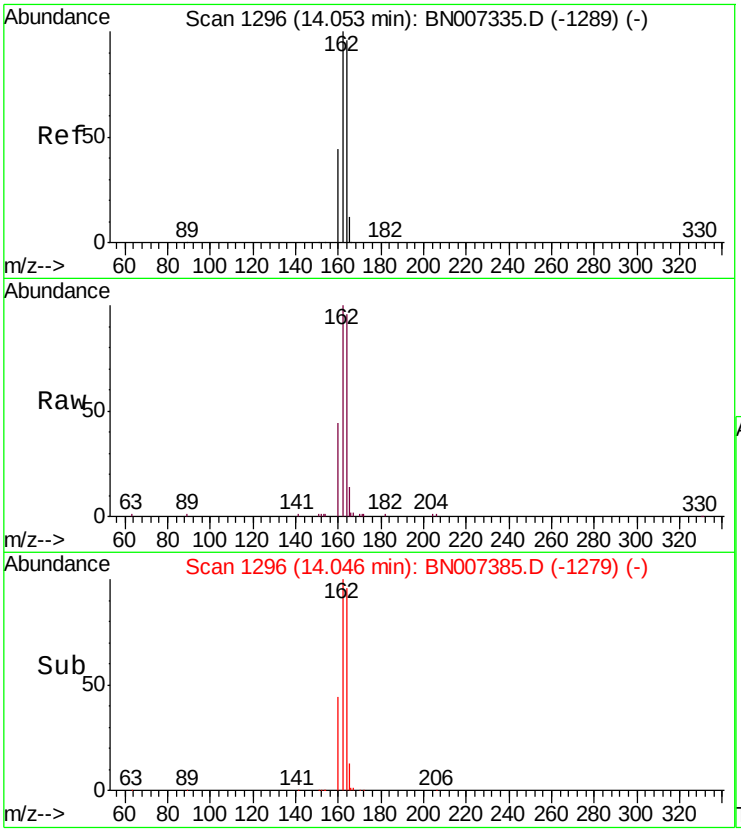


#12
2-Methylnaphthalene
Concen: 0.035 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Tgt Ion:142 Resp: 2034

Ion	Ratio	Lower	Upper
142	100		
141	95.2	72.8	109.2
115	52.8	35.2	52.8#



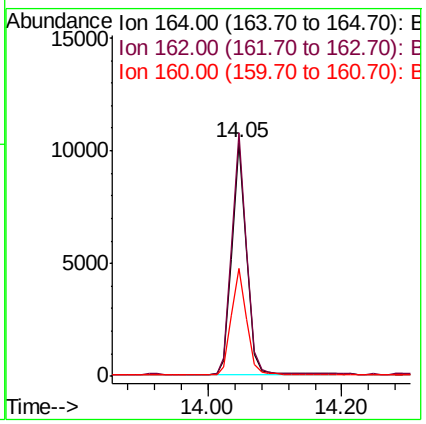


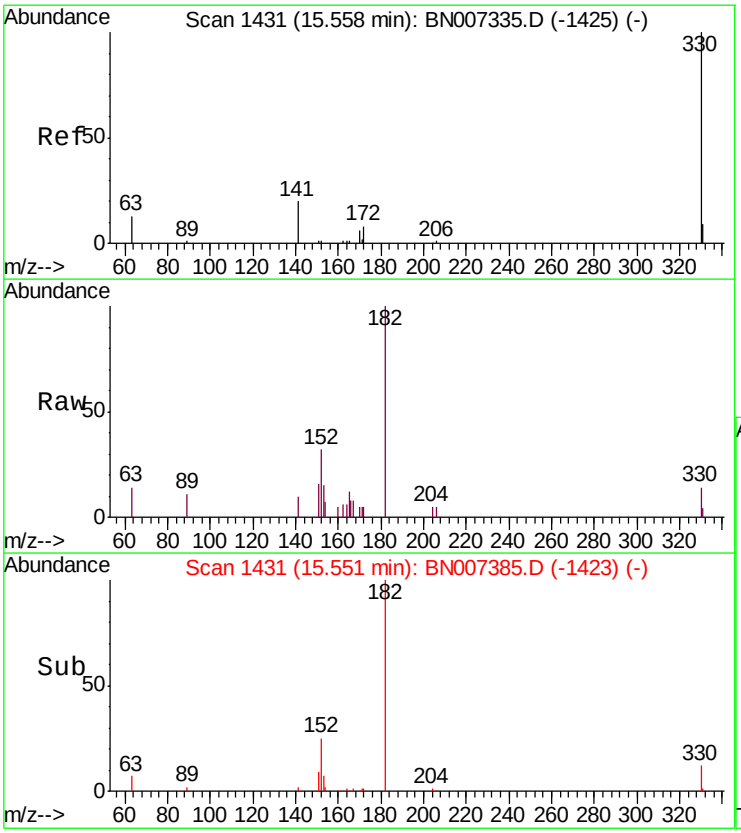
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion:164 Resp: 15342

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.5	125.3
160	46.3	38.2	57.4

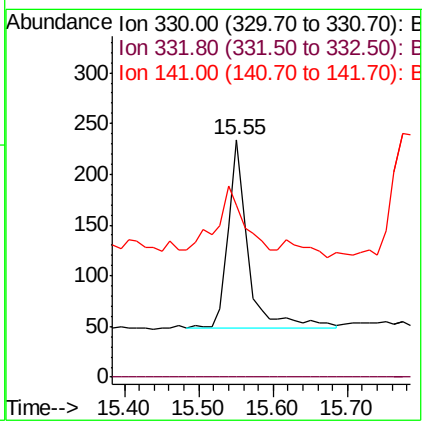


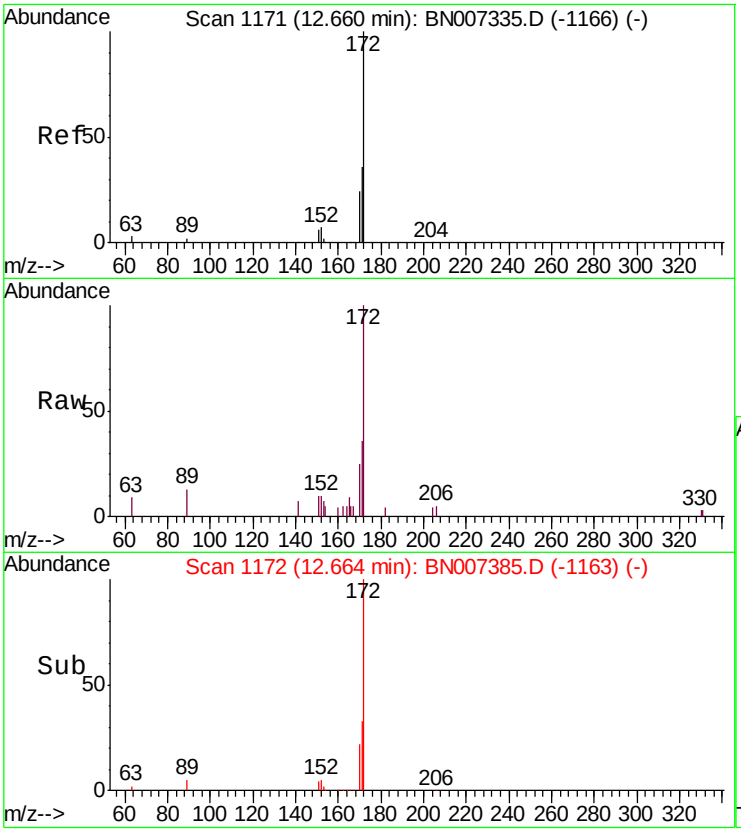


#14
2,4,6-Tribromophenol
Concen: 0.043 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Tgt Ion:330 Resp: 349

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	49.3	26.9	40.3#



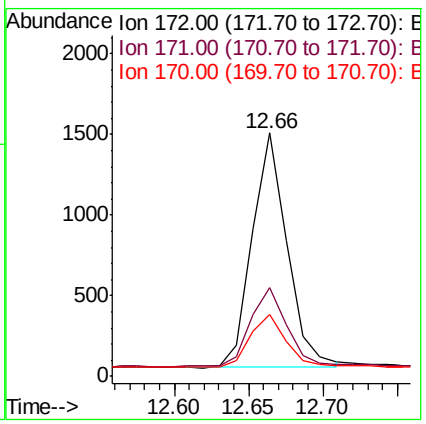


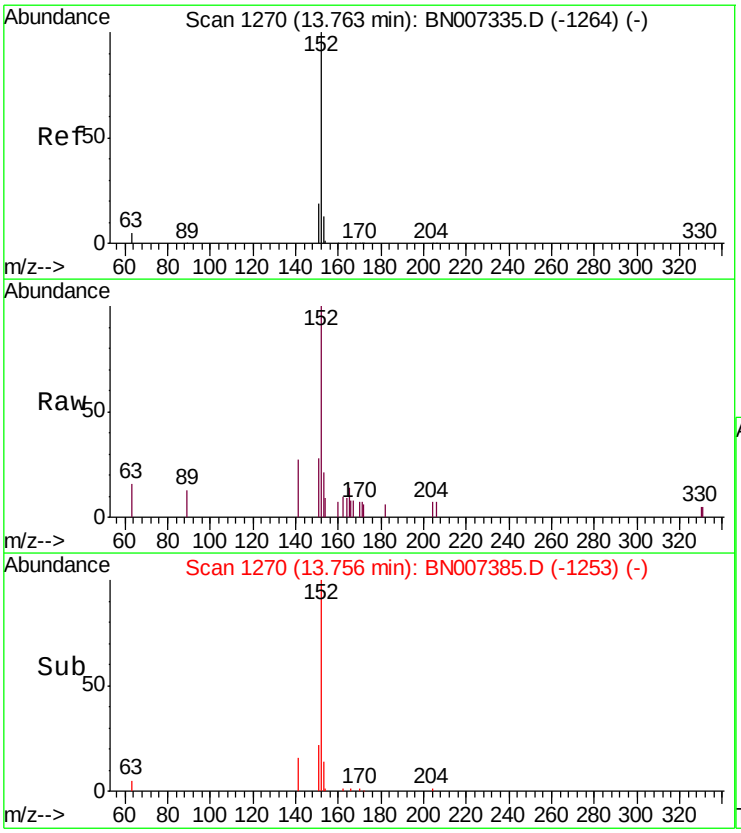
#15
2-Fluorobiphenyl
Concen: 0.038 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion:172 Resp: 2369

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.3	45.5
170	25.5	20.7	31.1

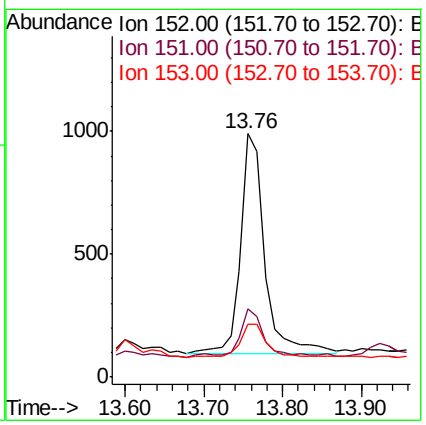


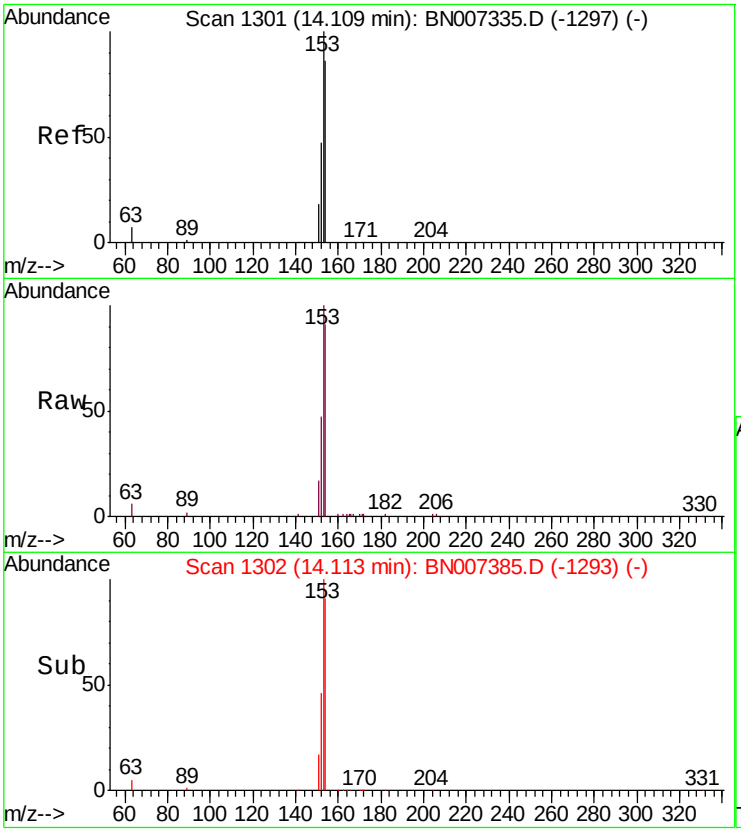


#16
Acenaphthylene
Concen: 0.021 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Tgt Ion:152 Resp: 1936

Ion	Ratio	Lower	Upper
152	100		
151	24.0	16.1	24.1
153	15.4	10.6	15.8



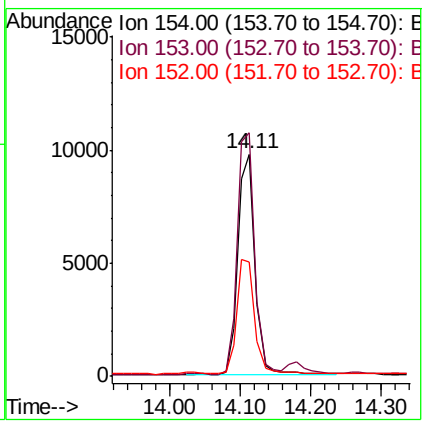


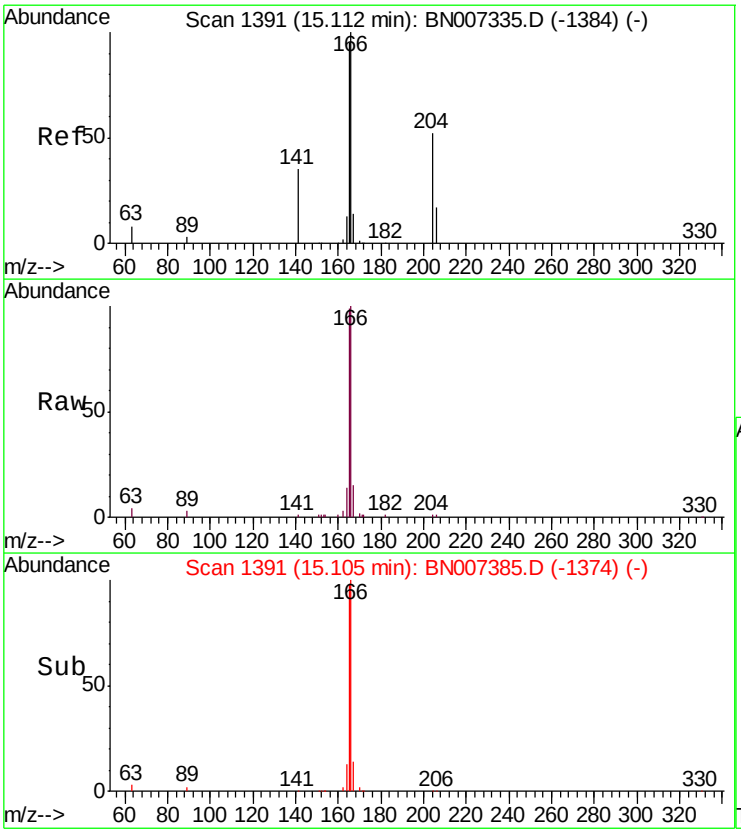
#17
Acenaphthene
Concen: 0.312 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion:154 Resp: 16565

Ion	Ratio	Lower	Upper
154	100		
153	111.6	92.8	139.2
152	53.9	43.8	65.8

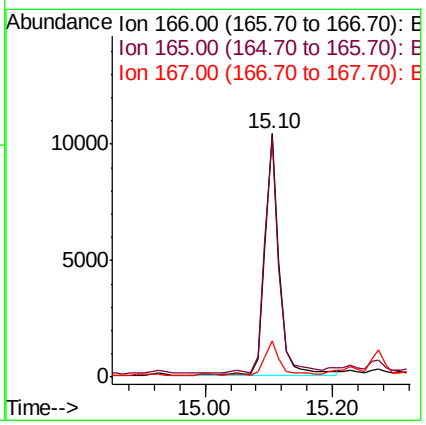


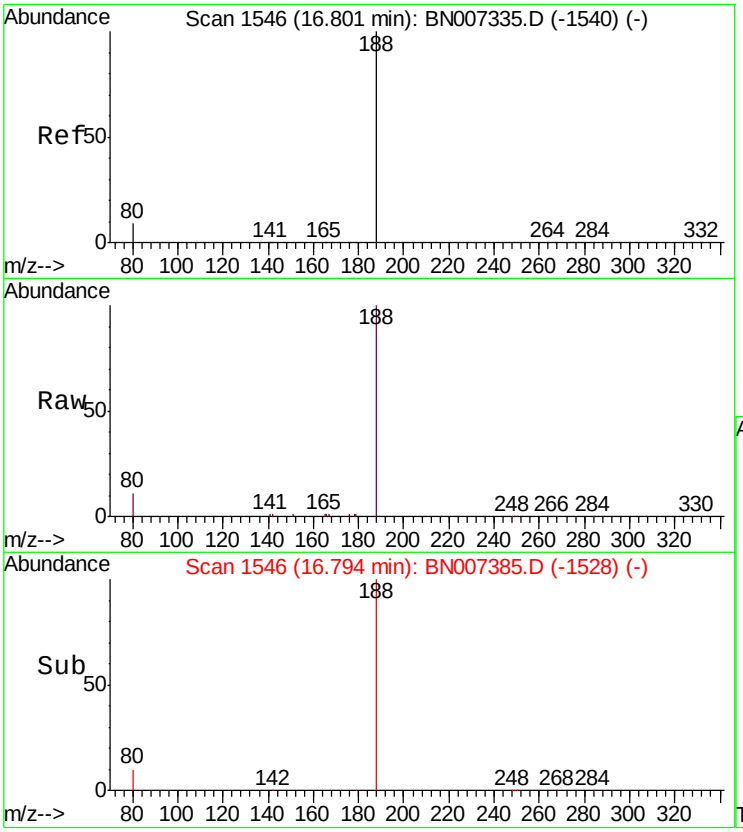


#18
Fluorene
Concen: 0.241 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Tgt Ion:166 Resp: 16156

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.0	118.4
167	14.1	10.6	15.8



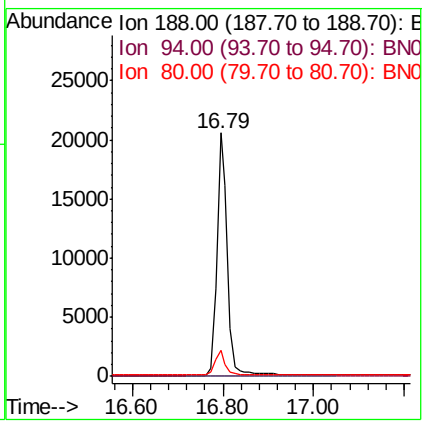


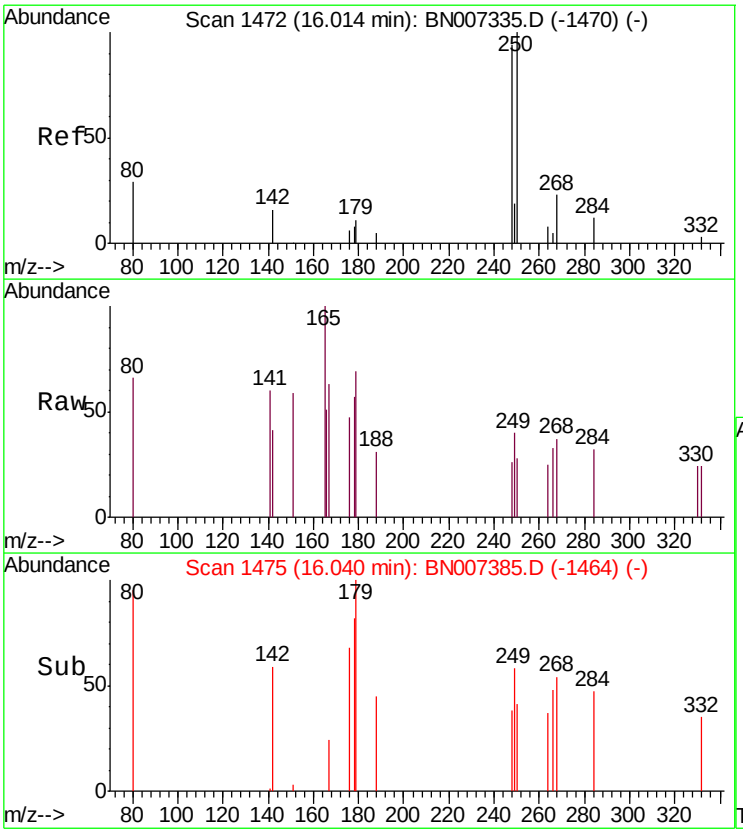
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion:188 Resp: 33501

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	11.8	17.8#

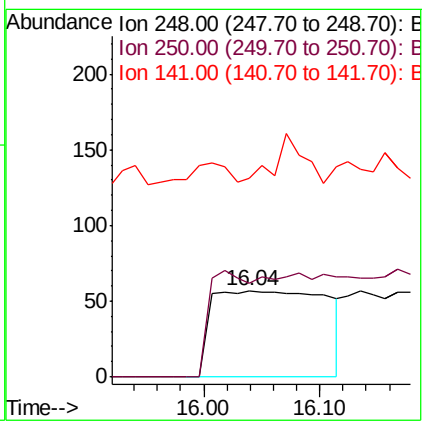


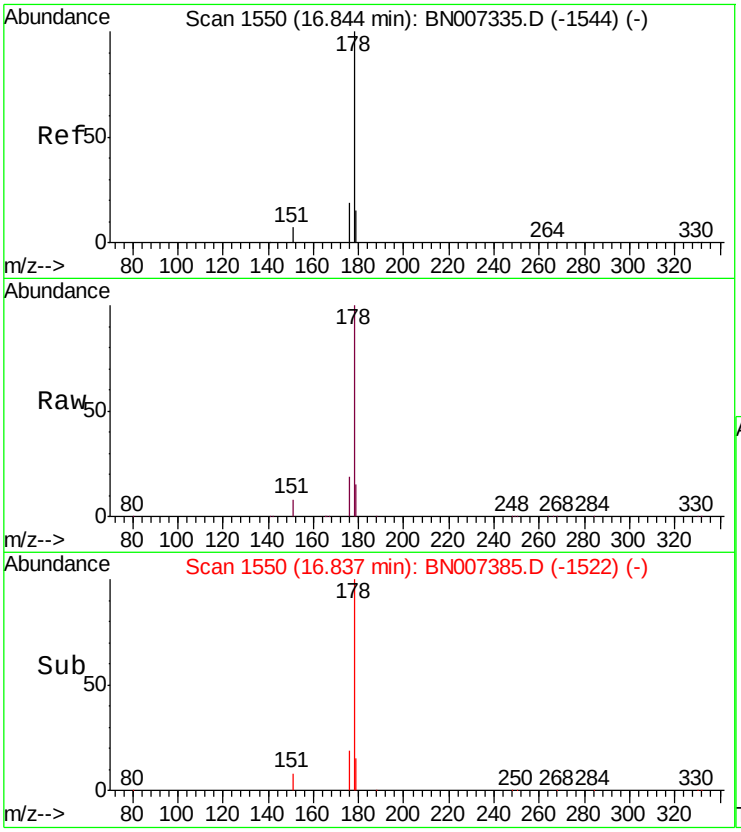


#20
4-Bromophenyl-phenylether
Concen: 0.029 ng
RT: 16.04 min Scan# 1475
Delta R.T. 0.03 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Tgt Ion:248 Resp: 389

Ion	Ratio	Lower	Upper
248	100		
250	108.8	85.0	127.6
141	229.8	51.7	77.5#



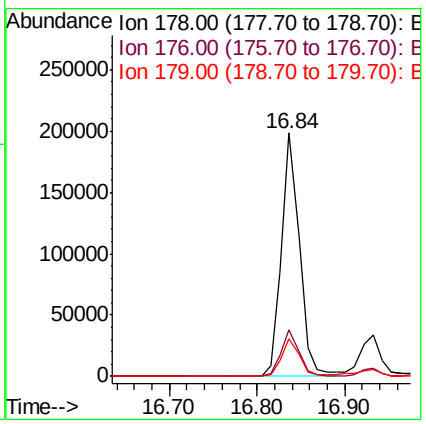


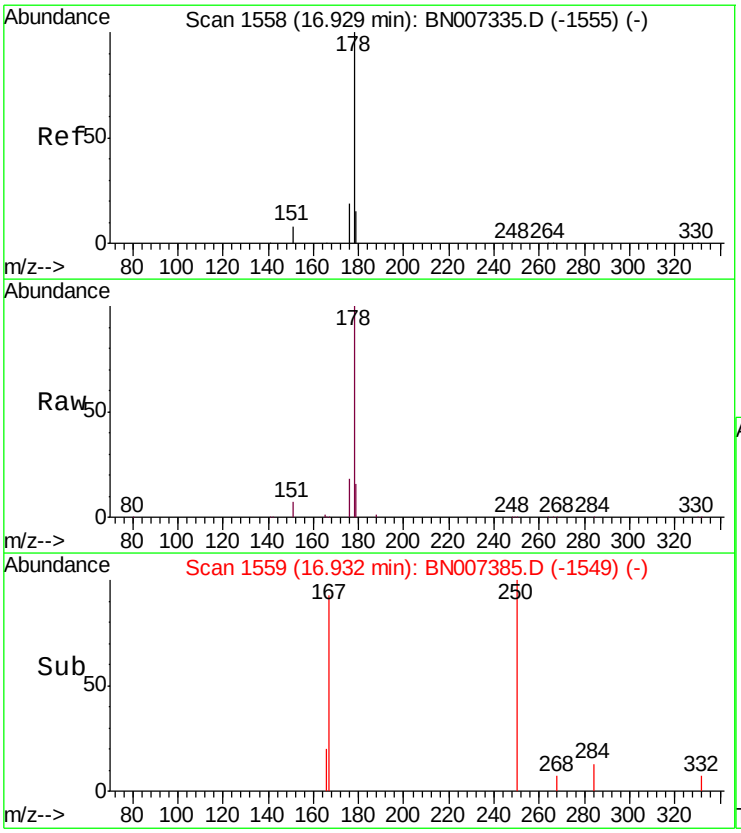
#23
Phenanthrene
Concen: 2.786 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion:178 Resp: 280744

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.6	19.0

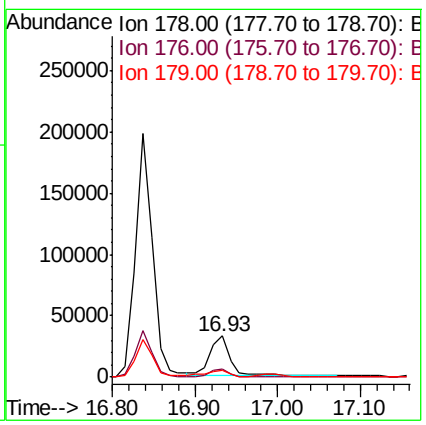


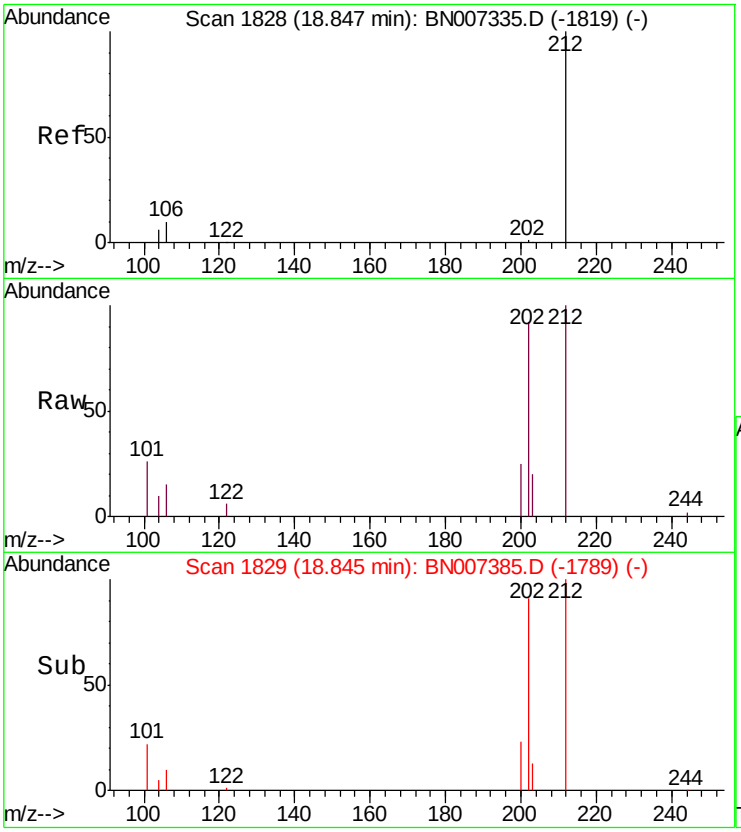


#24
Anthracene
Concen: 0.550 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Tgt Ion:178 Resp: 55725

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.9	22.3
179	18.1	12.4	18.6



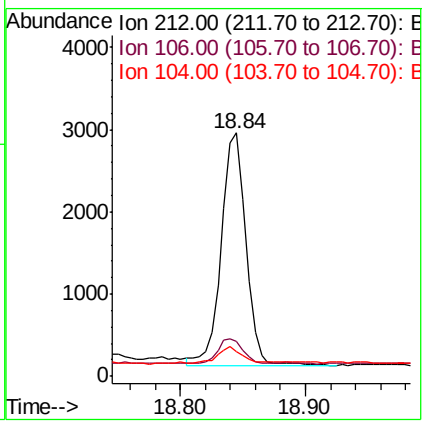


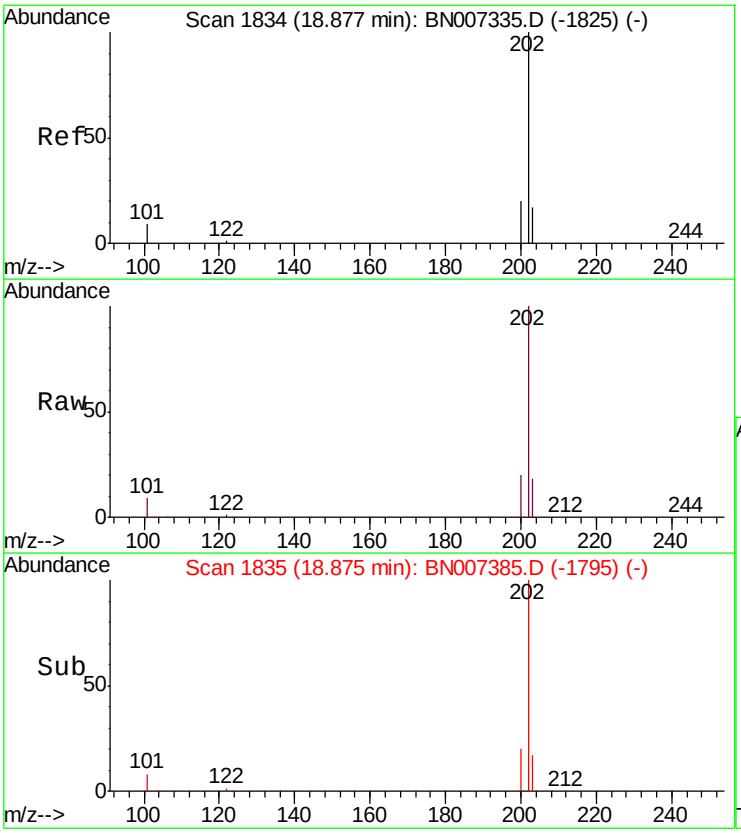
#25
Fluoranthene-d10
Concen: 0.036 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion:212 Resp: 3919

Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.0	13.4
104	6.9	5.4	8.2

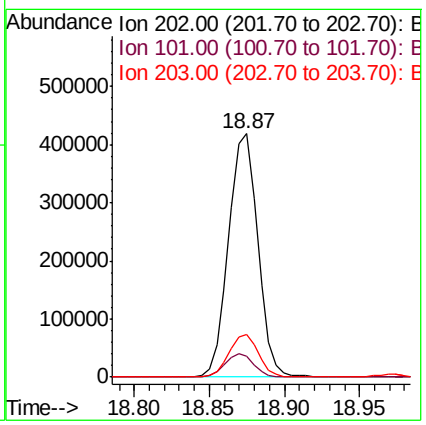


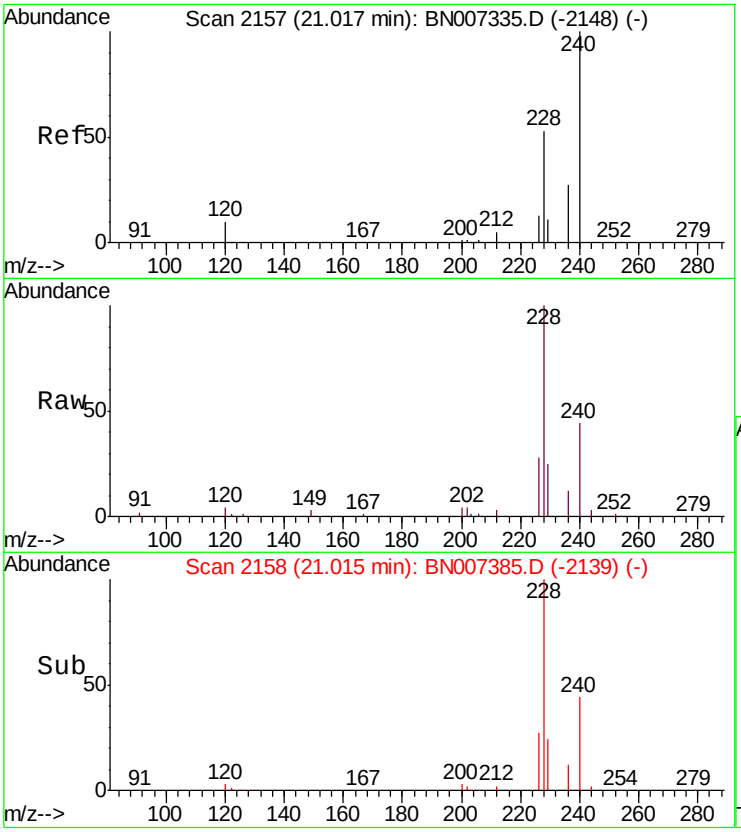


#26
Fluoranthene
Concen: 4.353 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Tgt Ion:202 Resp: 563236

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.7	11.5
203	17.4	13.7	20.5



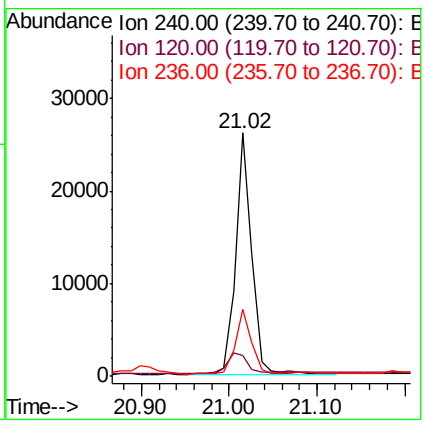


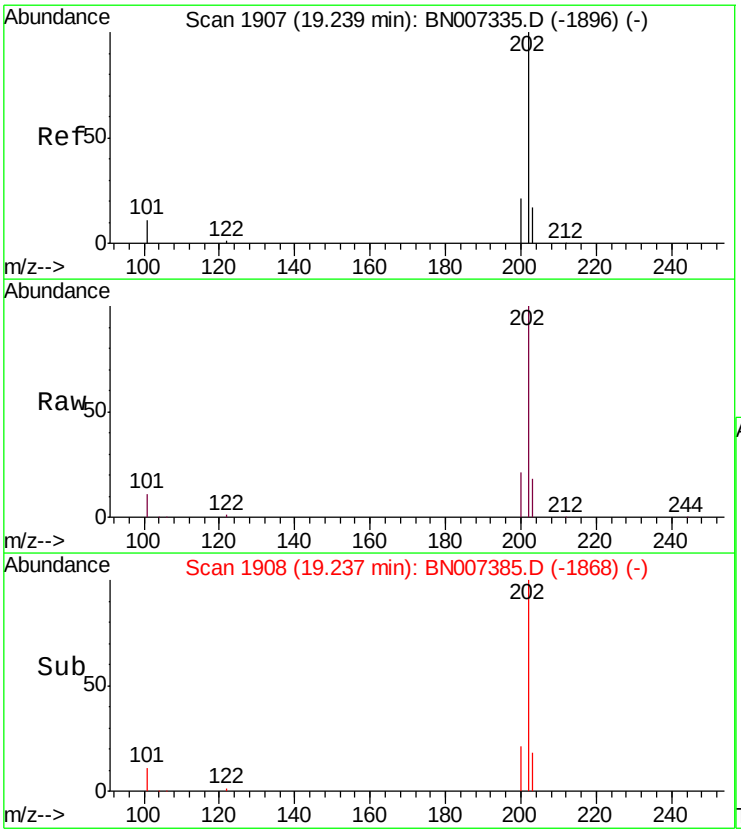
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion:240 Resp: 32790

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.6	14.4#
236	27.4	22.2	33.2

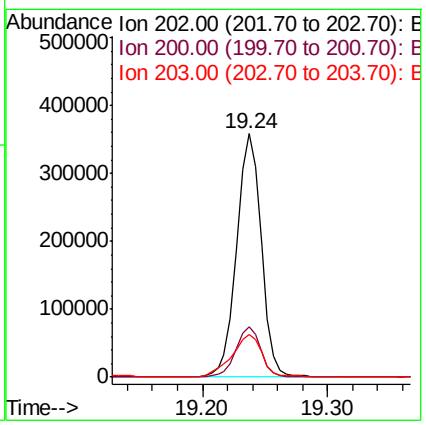


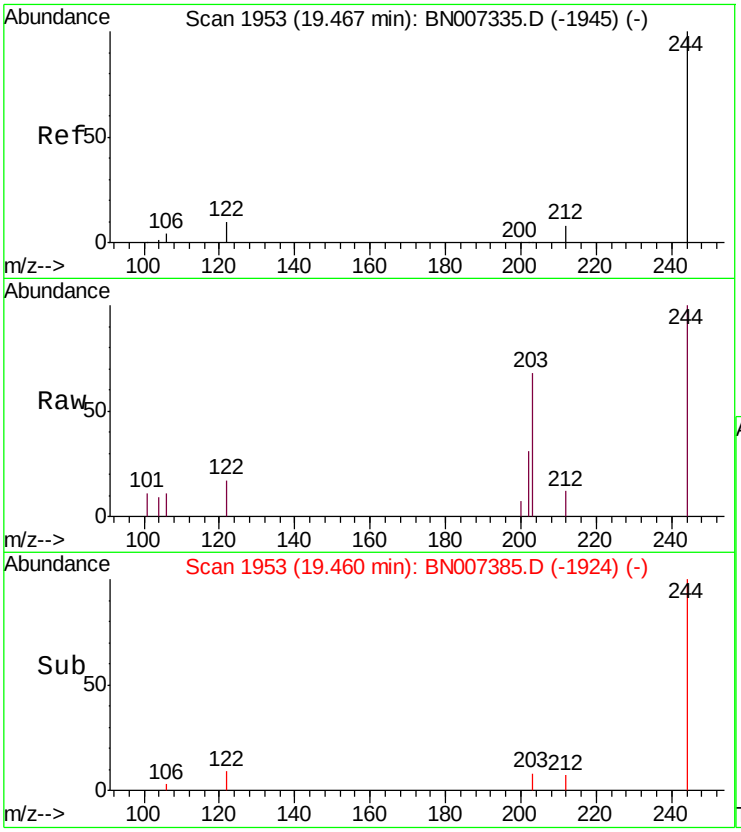


#28
Pyrene
Concen: 3.676 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Tgt Ion:202 Resp: 484816

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	21.6	14.2	21.4#



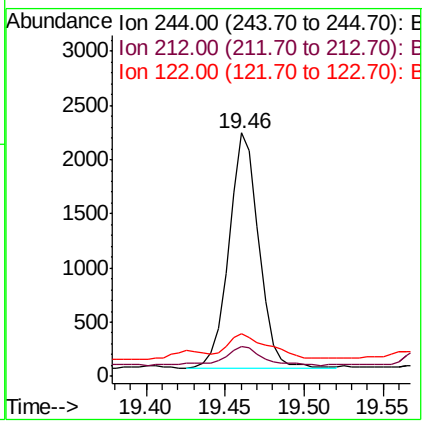


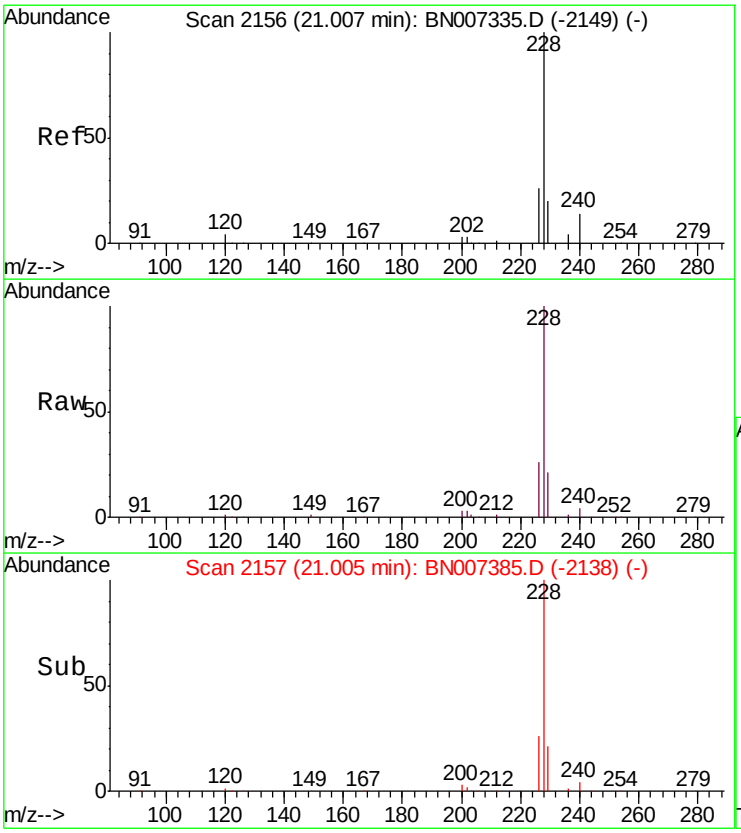
#29
Terphenyl-d14
Concen: 0.033 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion:244 Resp: 2844

Ion	Ratio	Lower	Upper
244	100		
212	12.3	7.0	10.6#
122	17.5	9.6	14.4#

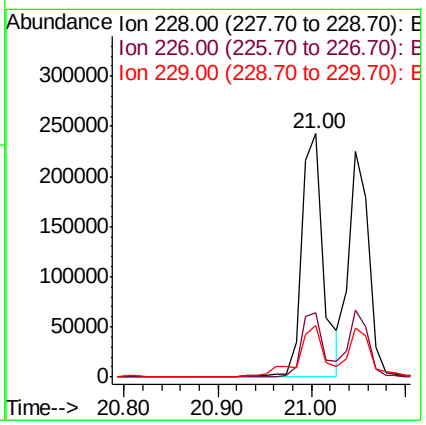


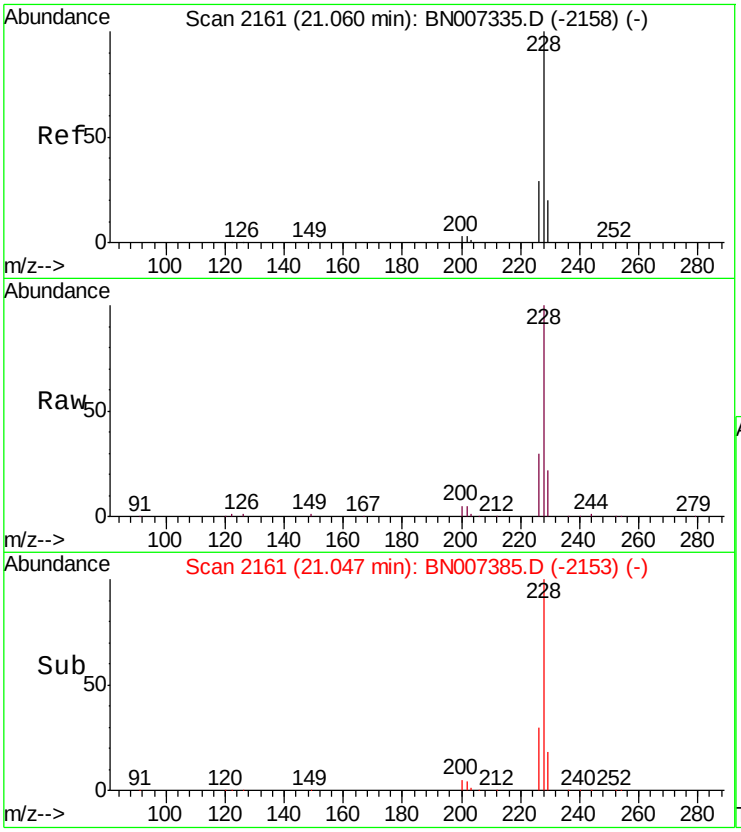


#30
Benzo(a)anthracene
Concen: 3.010 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Tgt Ion:228 Resp: 387657

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.3	31.9
229	21.0	16.1	24.1



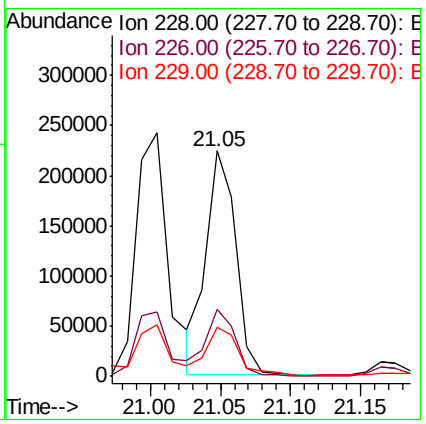


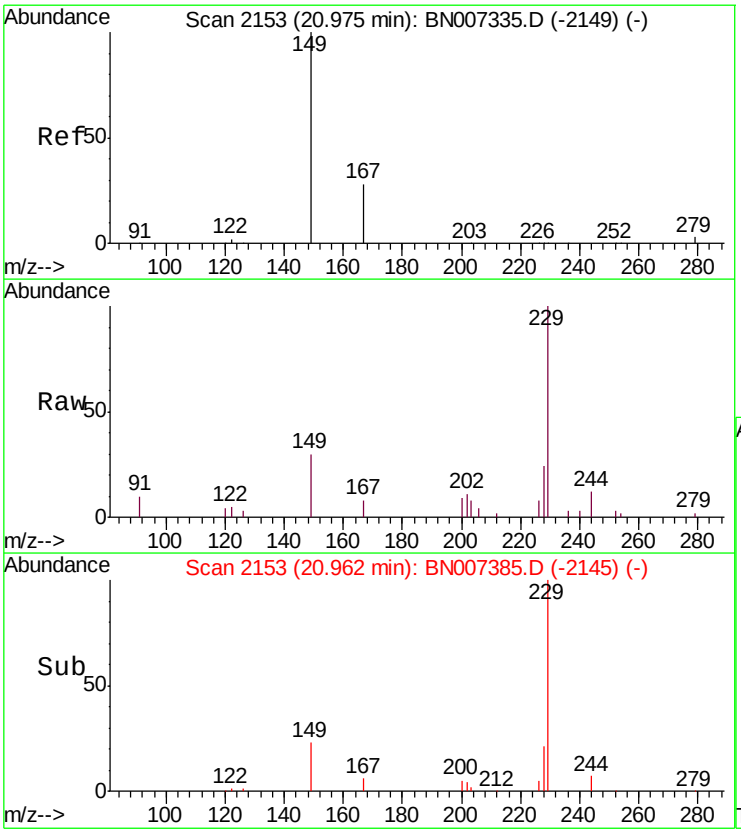
#31
Chrysene
Concen: 2.664 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion:228 Resp: 331179

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.5	35.3
229	22.0	16.6	24.8

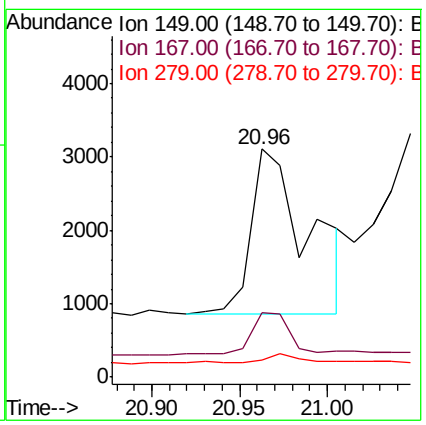


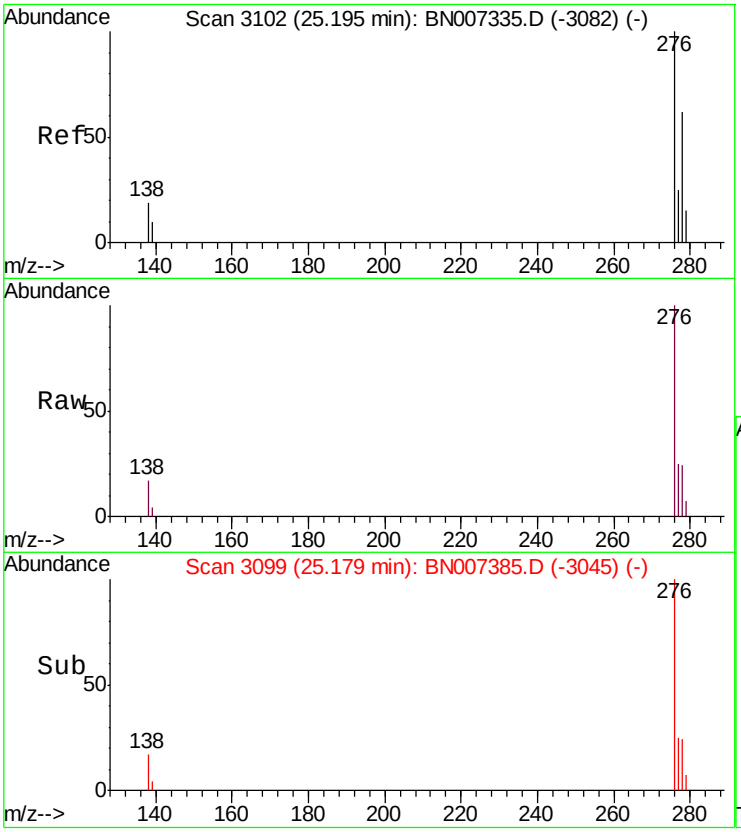


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.042 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Tgt Ion:149 Resp: 5056

Ion	Ratio	Lower	Upper
149	100		
167	20.7	22.8	34.2#
279	3.6	3.5	5.3



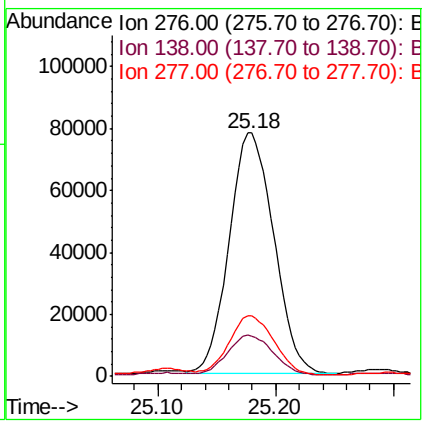


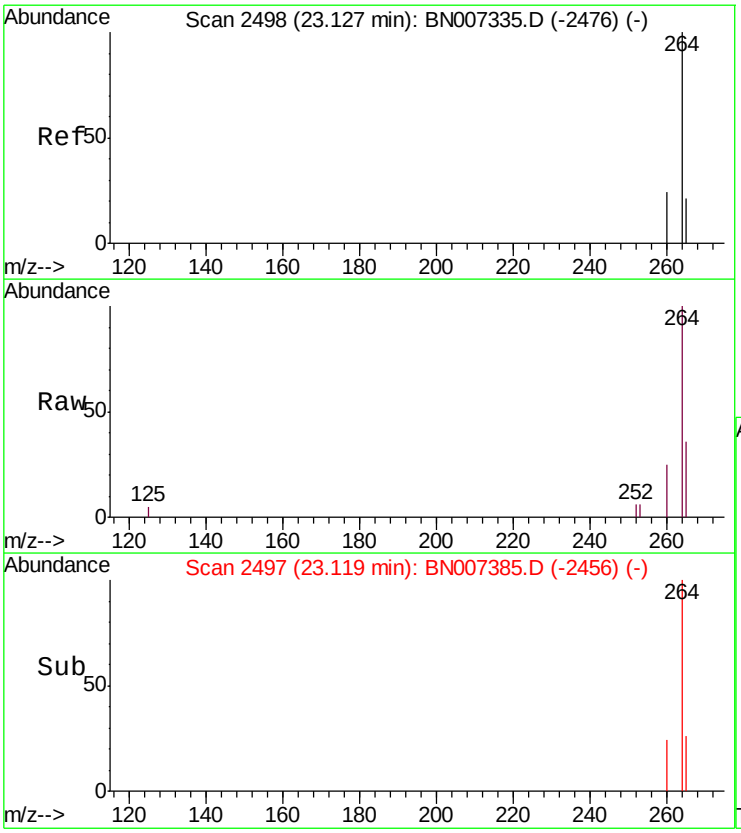
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.361 ng
RT: 25.18 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion:276 Resp: 203720

Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.1	22.7
277	25.6	19.7	29.5

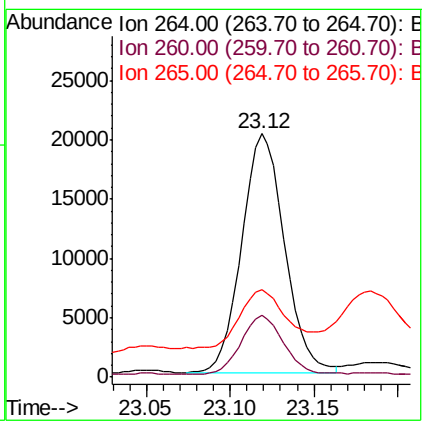


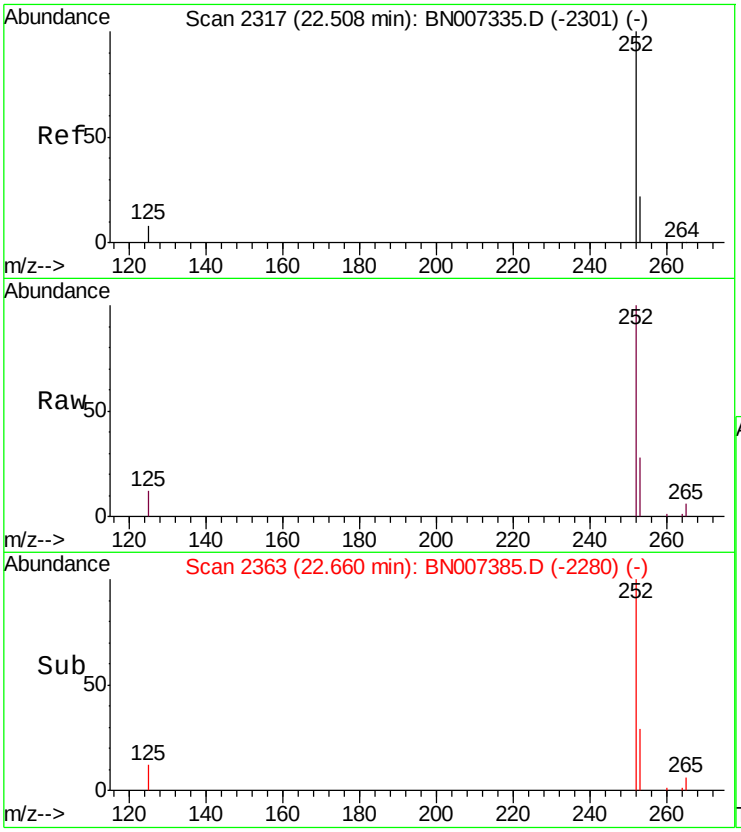


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Tgt Ion:264 Resp: 35814

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	36.0	29.9	44.9



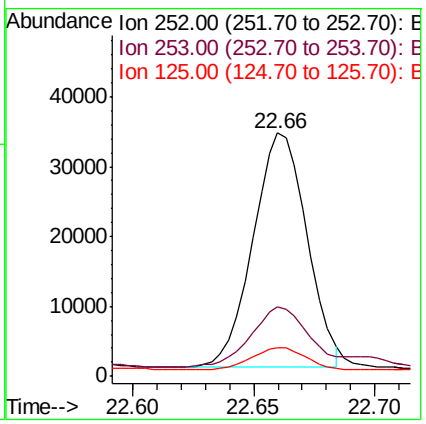


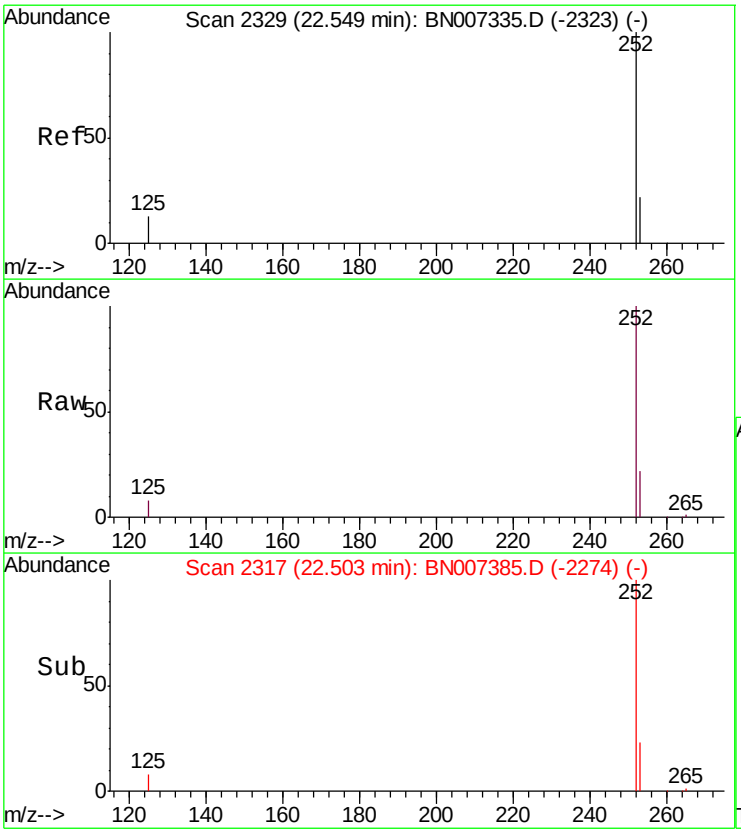
#35
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 22.66 min Scan# 2363
Delta R.T. 0.15 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion:252 Resp: 51791

Ion	Ratio	Lower	Upper
252	100		
253	28.4	19.2	28.8
125	12.0	10.6	16.0

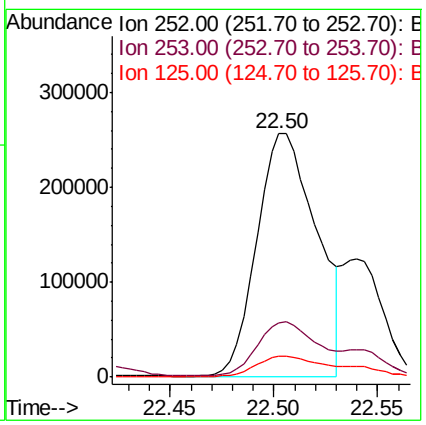


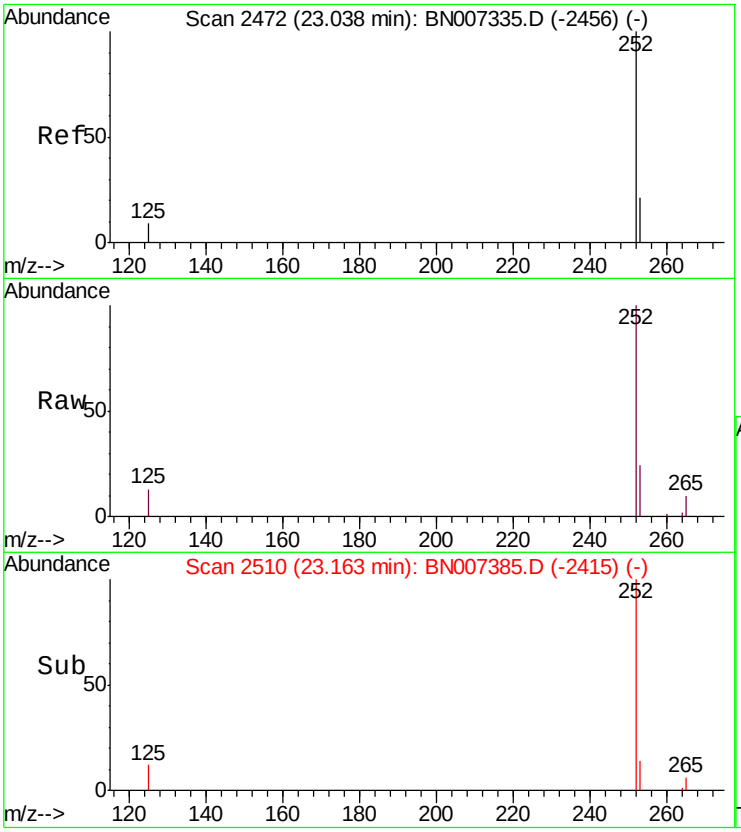


#36
Benzo(k)fluoranthene
Concen: 3.986 ng
RT: 22.50 min Scan# 2317
Delta R.T. -0.05 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Tgt Ion:252 Resp: 511253

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.4	29.2
125	8.4	13.1	19.7#



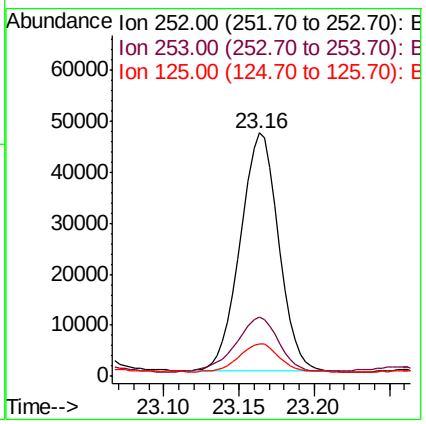


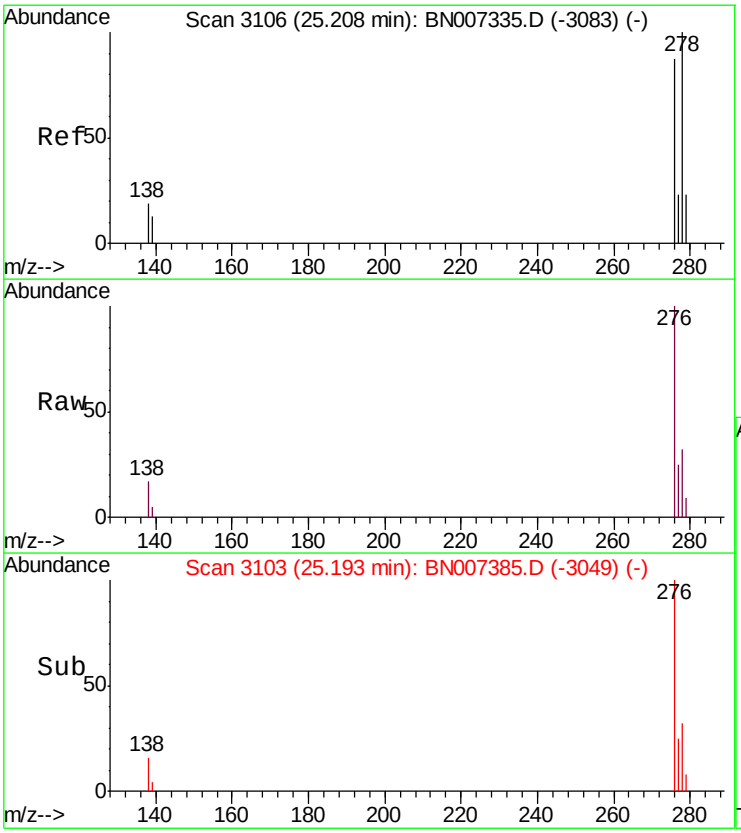
#37
Benzo(a)pyrene
Concen: 0.659 ng
RT: 23.16 min Scan# 2510
Delta R.T. 0.12 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion:252 Resp: 81422

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.5	29.3
125	13.4	12.1	18.1

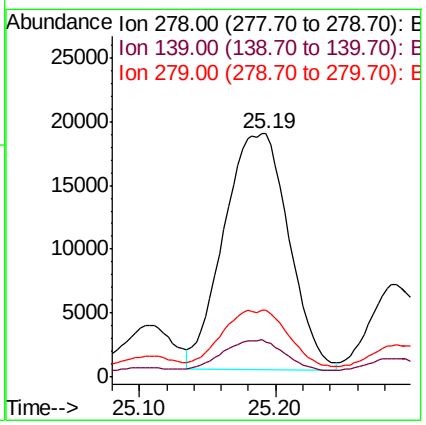


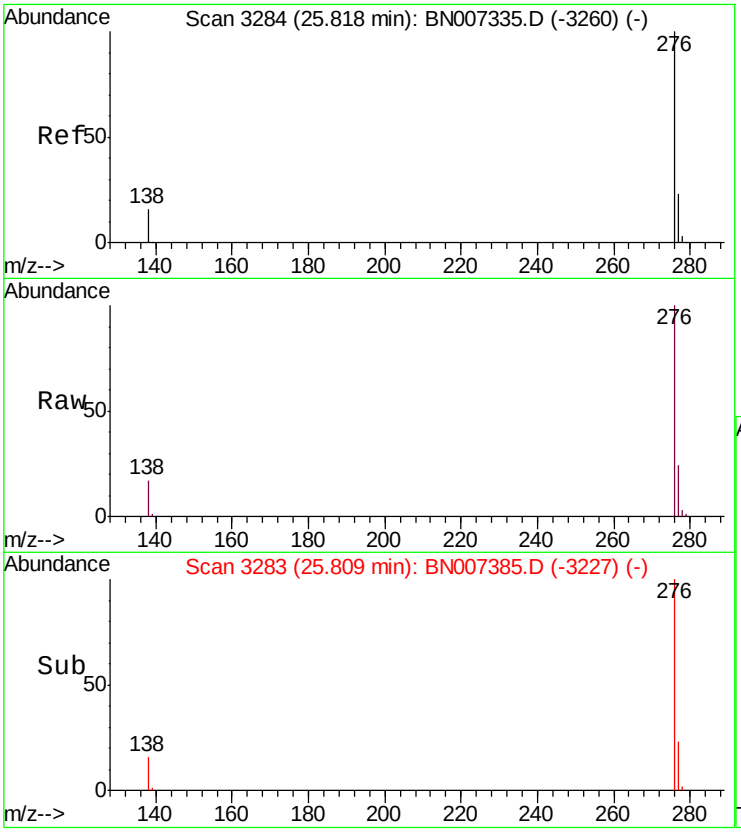


#38
Dibenzo(a,h)anthracene
Concen: 0.497 ng
RT: 25.19 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Tgt Ion:278 Resp: 61210

Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.7	20.5
279	27.4	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 1.641 ng
RT: 25.81 min Scan# 3283
Delta R.T. -0.01 min
Lab File: BN007385.D
Acq: 25 Aug 2019 05:30

Instrument :
BNA_N
ClientSampleId :
S700-N-1.0-1.5-082019DL

Tgt Ion:276 Resp: 201477

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	17.0	16.3	24.5