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

Quantitation Report (Not Reviewed)

Data File : BN007386.D
Acq On : 25 Aug 2019 06:06
Operator : HP/JU
Sample : K4468-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-015-SW085-080119-2

Quant Time: Aug 26 04:31:34 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	7912	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	32014	0.40	ng		-0.01
13) Acenaphthene-d10	14.04	164	16522	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	33638	0.40	ng		0.00
27) Chrysene-d12	21.02	240	34411	0.40	ng		0.00
34) Perylene-d12	23.12	264	39119	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	531	-0.01	ng		0.00
5) Phenol-d6	6.59	99	634	-0.01	ng		0.00
8) Nitrobenzene-d5	8.53	82	512	0.02	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	980	0.02	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	169	0.02	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	1257	0.02	ng		0.00
25) Fluoranthene-d10	18.84	212	2669	0.02	ng		0.00
29) Terphenyl-d14	19.46	244	2800	0.03	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.20	128	20364	0.223	ng	#	91
12) 2-Methylnaphthalene	11.83	142	17703	0.284	ng		98
16) Acenaphthylene	13.76	152	298403	3.053	ng		99
17) Acenaphthene	14.11	154	19014	0.332	ng		97
18) Fluorene	15.10	166	61787	0.854	ng	#	12
23) Phenanthrene	16.83	178	1094577	10.818	ng		99
24) Anthracene	16.93	178	228968	2.250	ng		99
26) Fluoranthene	18.87	202	1318308	10.148	ng		98
28) Pyrene	19.24	202	2025713	14.634	ng		97
30) Benzo(a)anthracene	21.05	228	1053881	7.798	ng		94
31) Chrysene	21.05	228	1053881	8.079	ng		98
32) Bis(2-ethylhexyl)phthalate	21.00	149	6464	0.055	ng	#	52
33) Indeno(1,2,3-cd)pyrene	25.18	276	450125	2.865	ng		98
35) Benzo(b)fluoranthene	22.66	252	166350	1.174	ng		95
36) Benzo(k)fluoranthene	22.50	252	852272	6.084	ng	#	91
37) Benzo(a)pyrene	23.16	252	142793	1.059	ng		97
38) Dibenzo(a,h)anthracene	25.19	278	135696	1.008	ng	#	90
39) Benzo(g,h,i)perylene	25.81	276	523149	3.901	ng		97

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

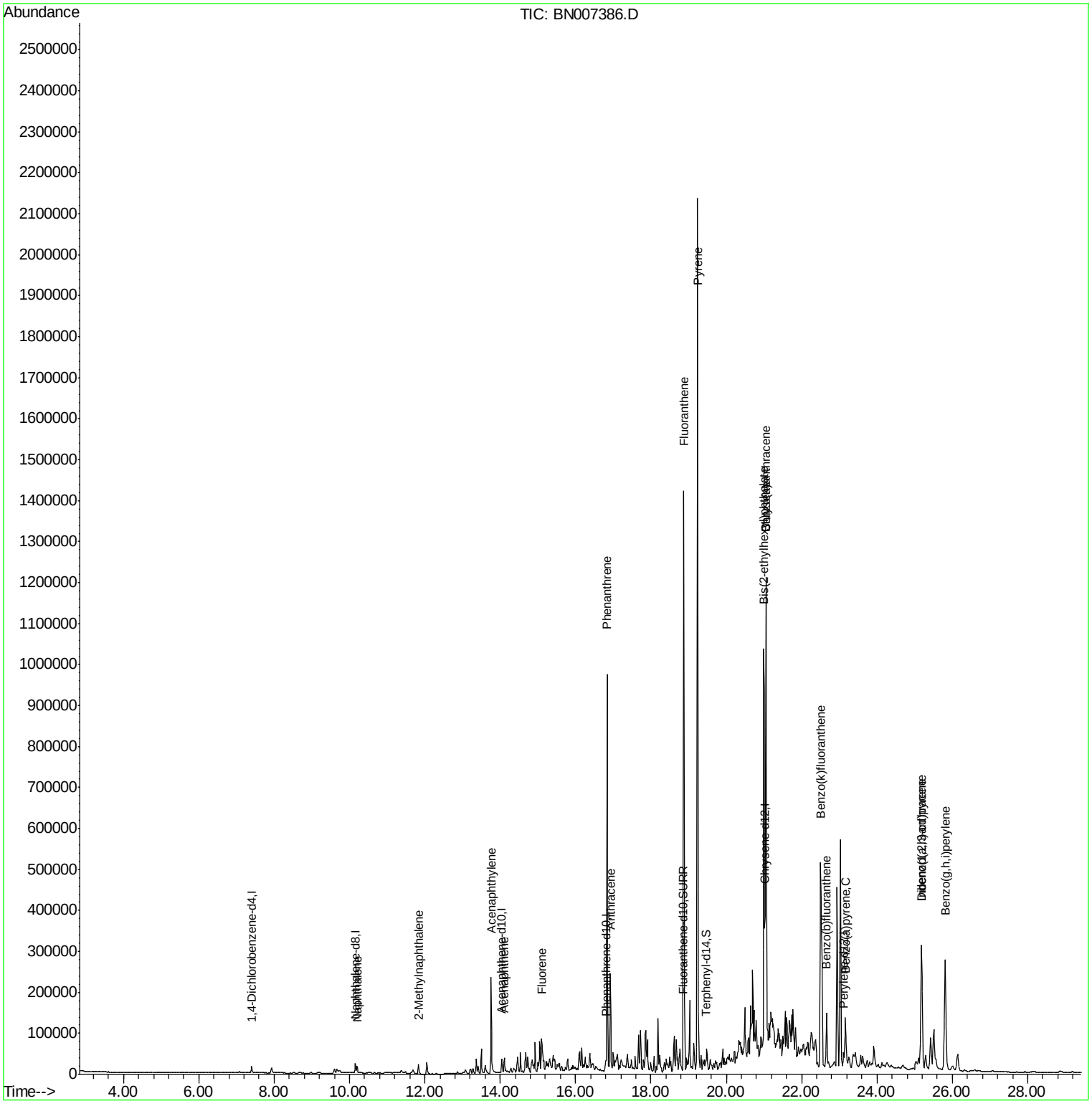
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\

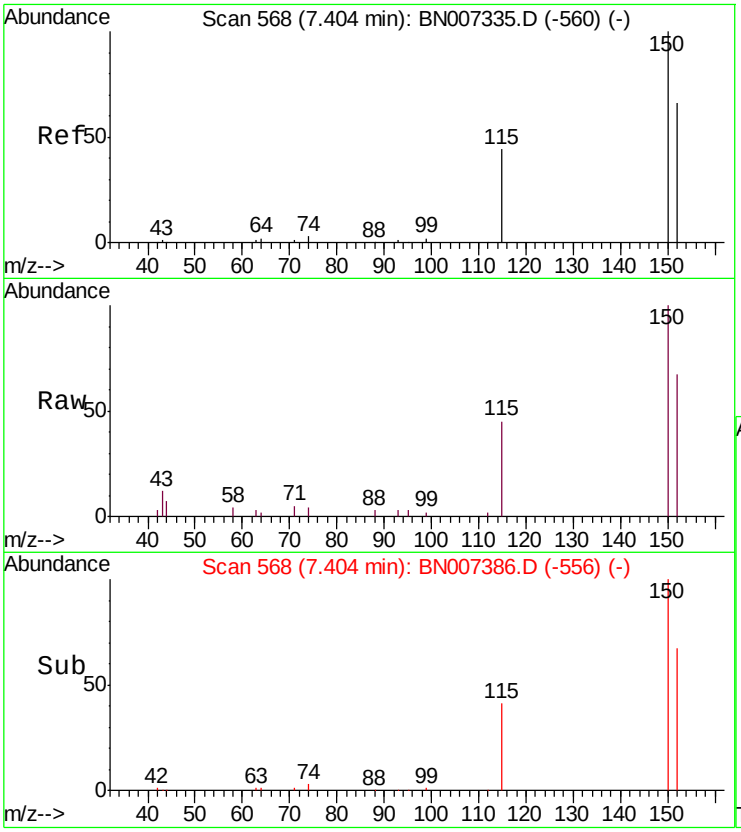
Quantitation Report (Not Reviewed)

Data File : BN007386.D
Acq On : 25 Aug 2019 06:06
Operator : HP/JU
Sample : K4468-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Quant Time: Aug 26 04:31:34 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



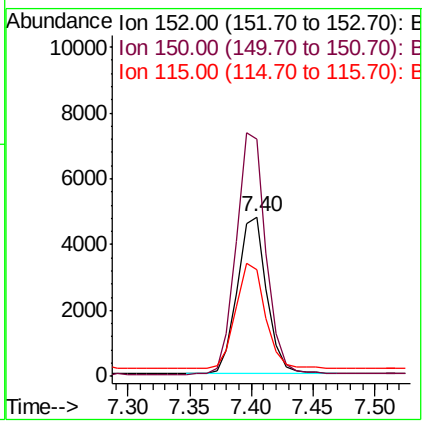


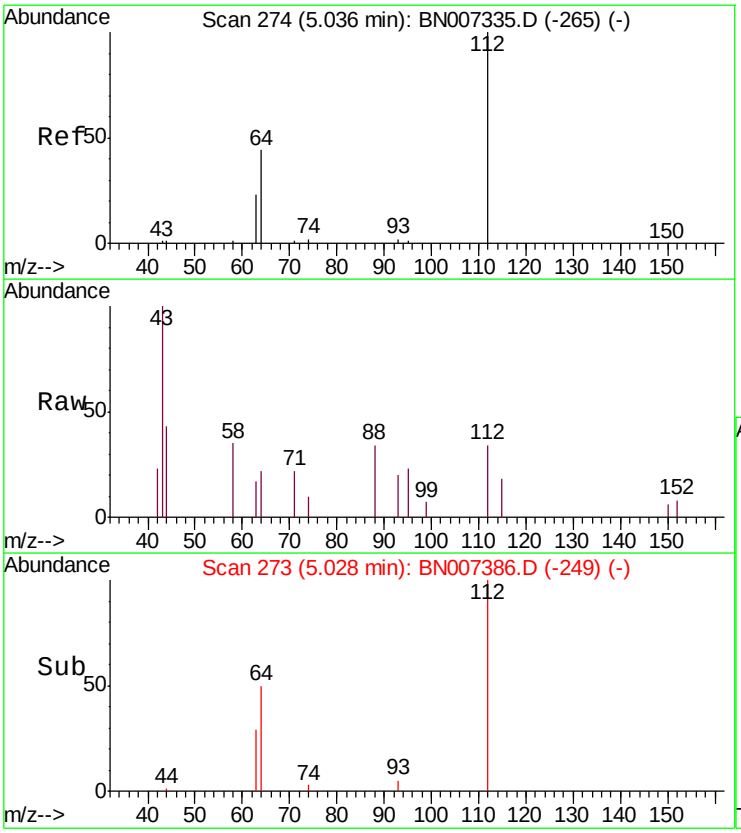
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Tgt Ion:152 Resp: 7912

Ion	Ratio	Lower	Upper
152	100		
150	148.8	109.1	163.7
115	66.4	59.6	89.4

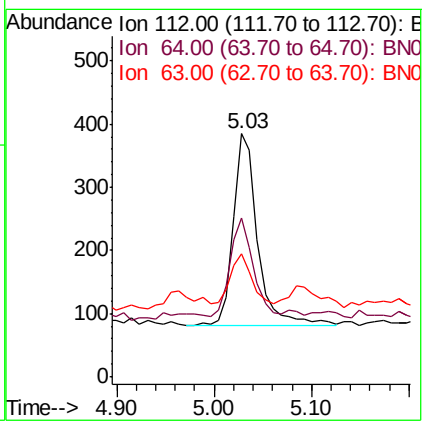


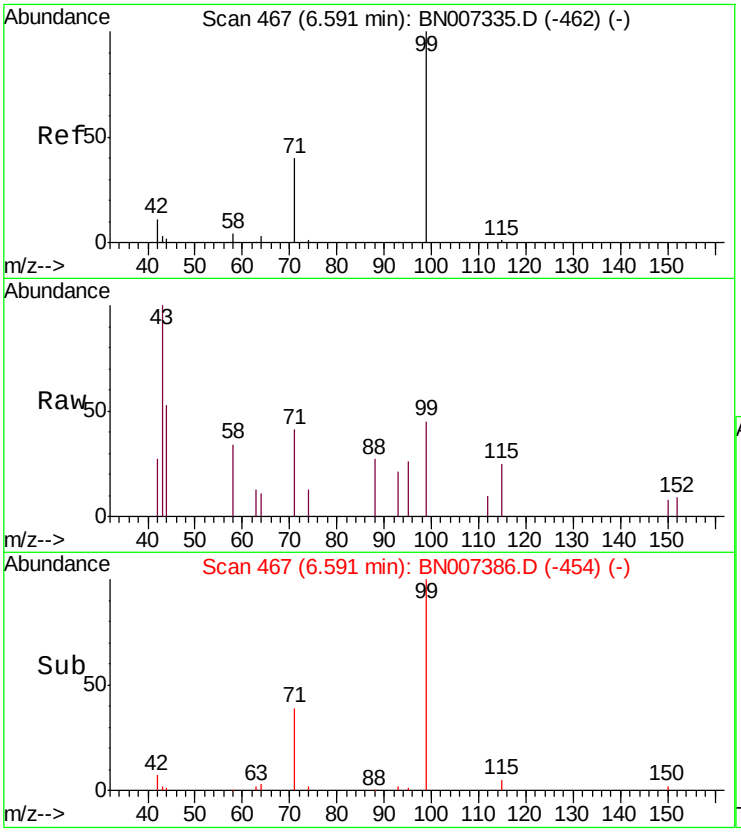


#4
2-Fluorophenol
Concen: -0.009 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Tgt Ion:112 Resp: 531

Ion	Ratio	Lower	Upper
112	100		
64	48.0	42.3	63.5
63	26.0	23.6	35.4



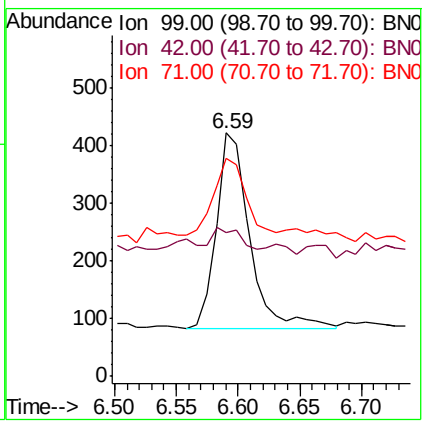


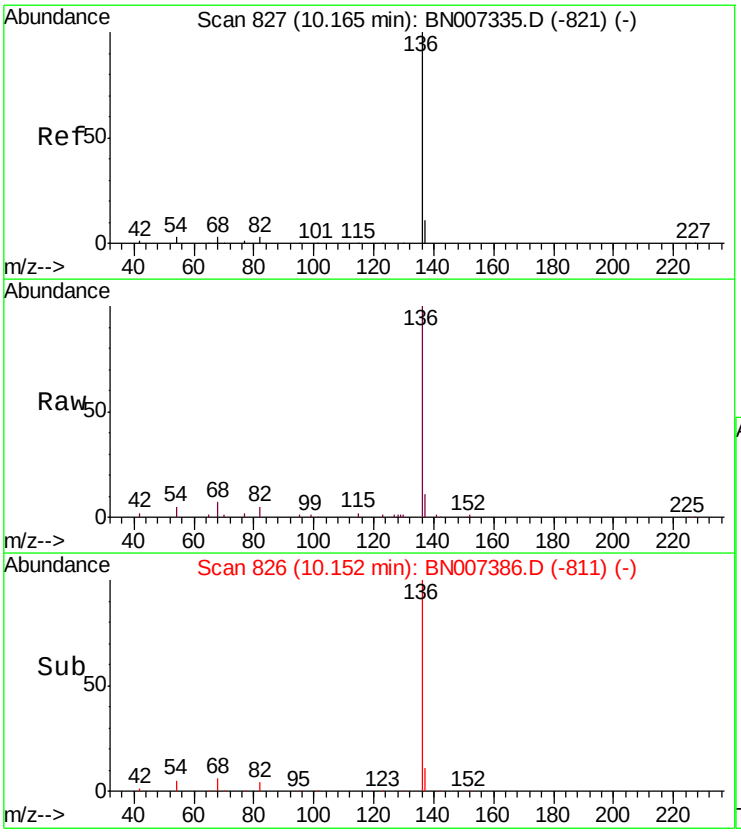
#5
Phenol-d6
Concen: -0.013 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Tgt Ion: 99 Resp: 634

Ion	Ratio	Lower	Upper
99	100		
42	9.1	11.2	16.8#
71	39.6	31.8	47.8

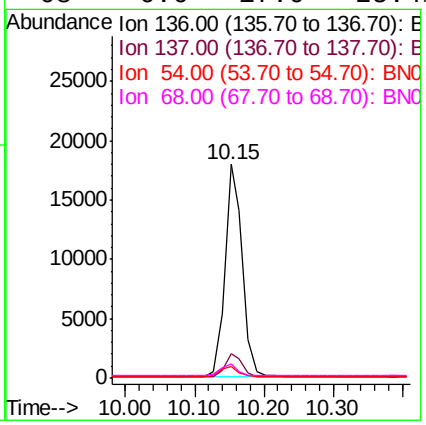


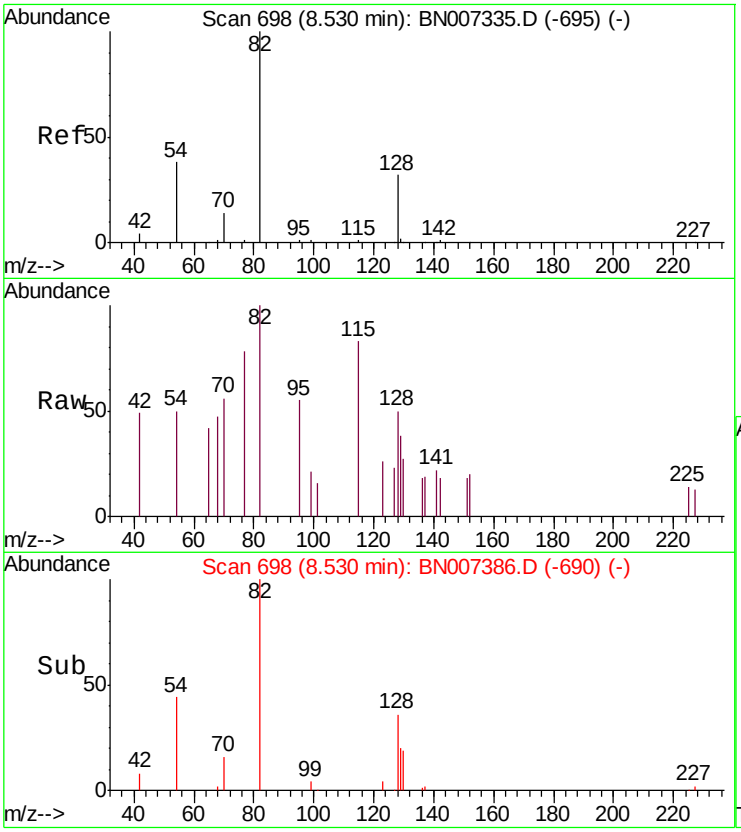


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Tgt Ion:136 Resp: 32014

Ion	Ratio	Lower	Upper
136	100		
137	11.2	12.9	19.3#
54	5.3	8.6	12.8#
68	6.6	17.0	25.4#



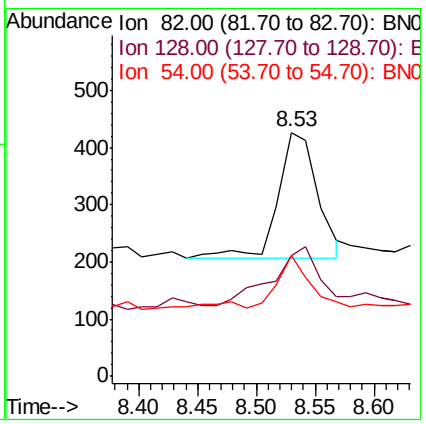


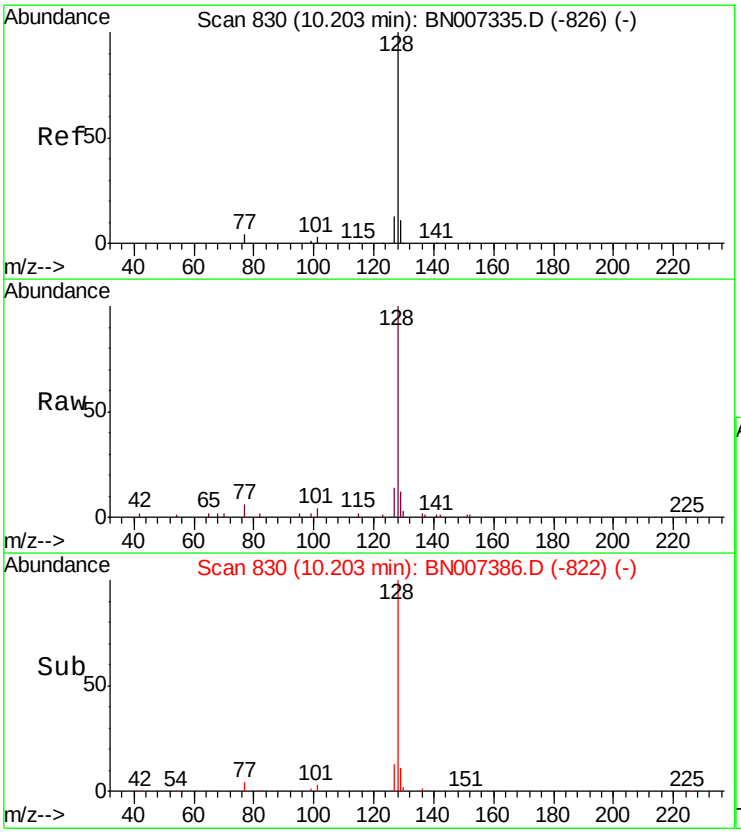
#8
Nitrobenzene-d5
Concen: 0.018 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Tgt Ion: 82 Resp: 512

Ion	Ratio	Lower	Upper
82	100		
128	49.8	19.7	29.5#
54	49.8	25.8	38.6#

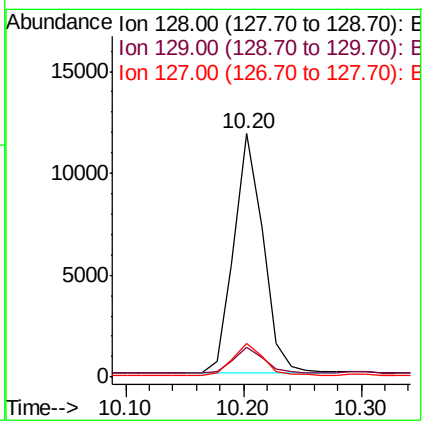


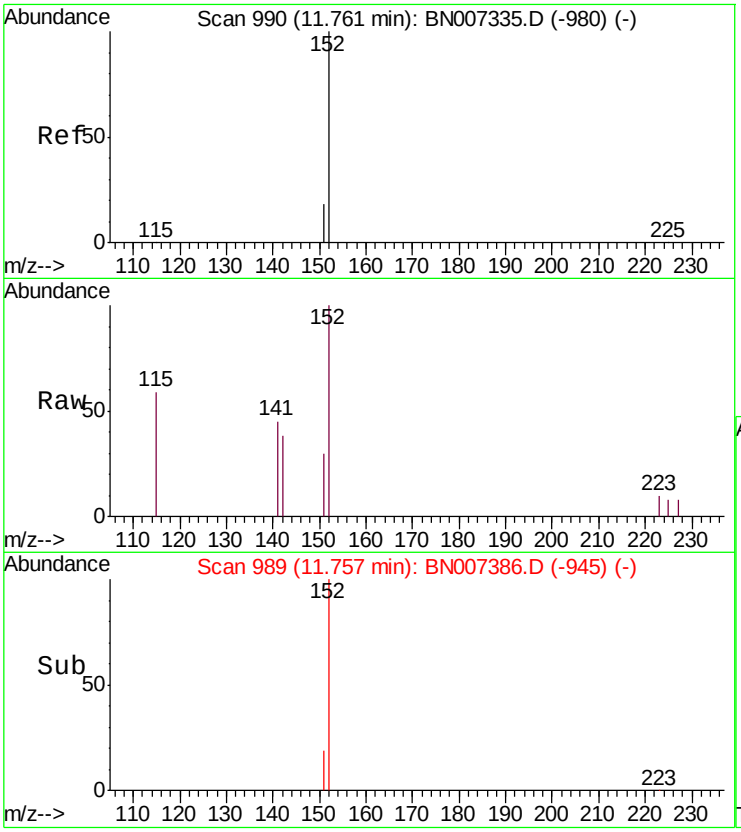


#9
Naphthalene
Concen: 0.223 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Tgt Ion:128 Resp: 20364

Ion	Ratio	Lower	Upper
128	100		
129	12.2	11.1	16.7
127	13.9	15.5	23.3#



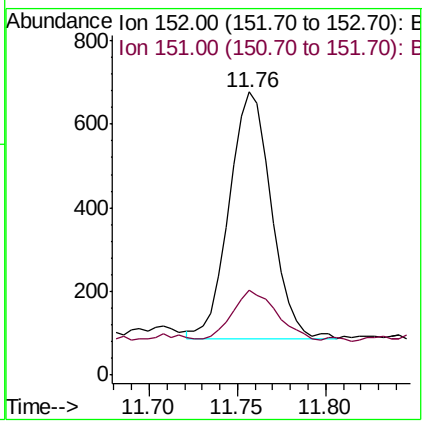


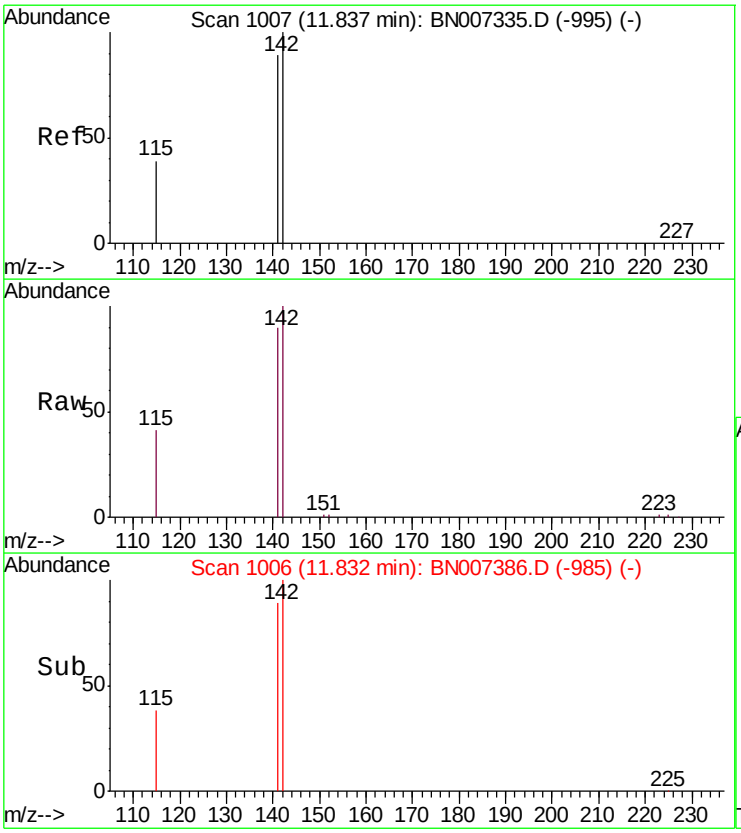
#11
2-Methylnaphthalene-d10
Concen: 0.018 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Tgt Ion:152 Resp: 980

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.2

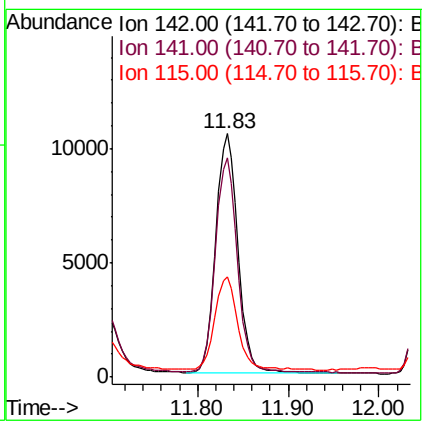


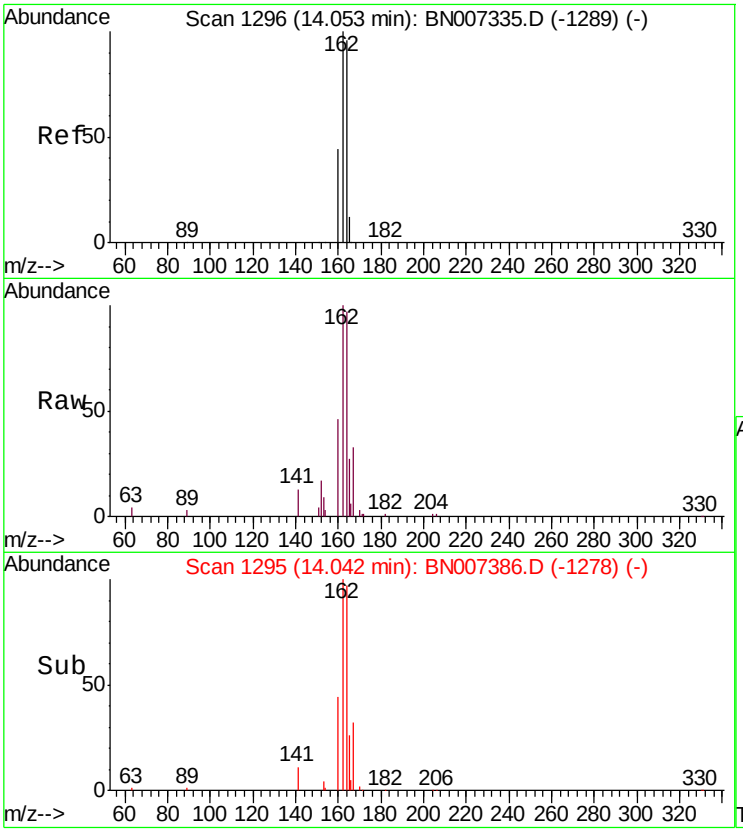


#12
2-Methylnaphthalene
Concen: 0.284 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Tgt Ion:142 Resp: 17703

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.8	109.2
115	41.1	35.2	52.8



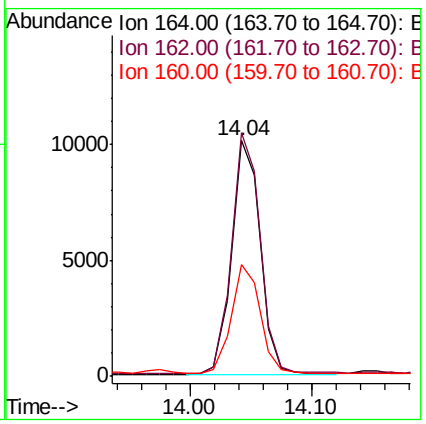


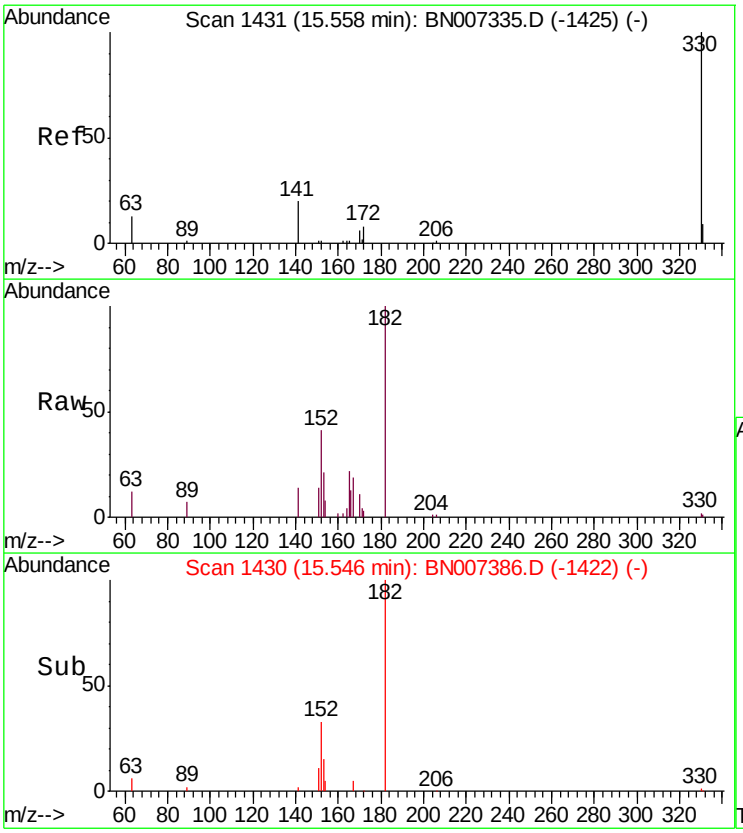
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Tgt Ion:164 Resp: 16522

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.5	125.3
160	47.3	38.2	57.4

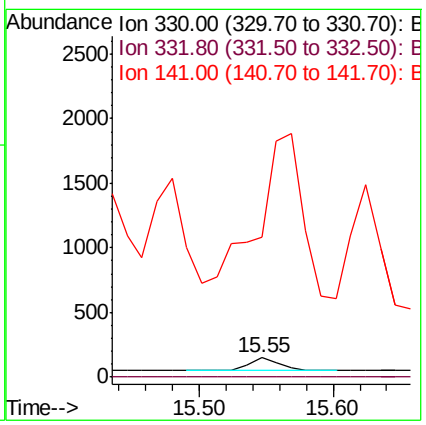


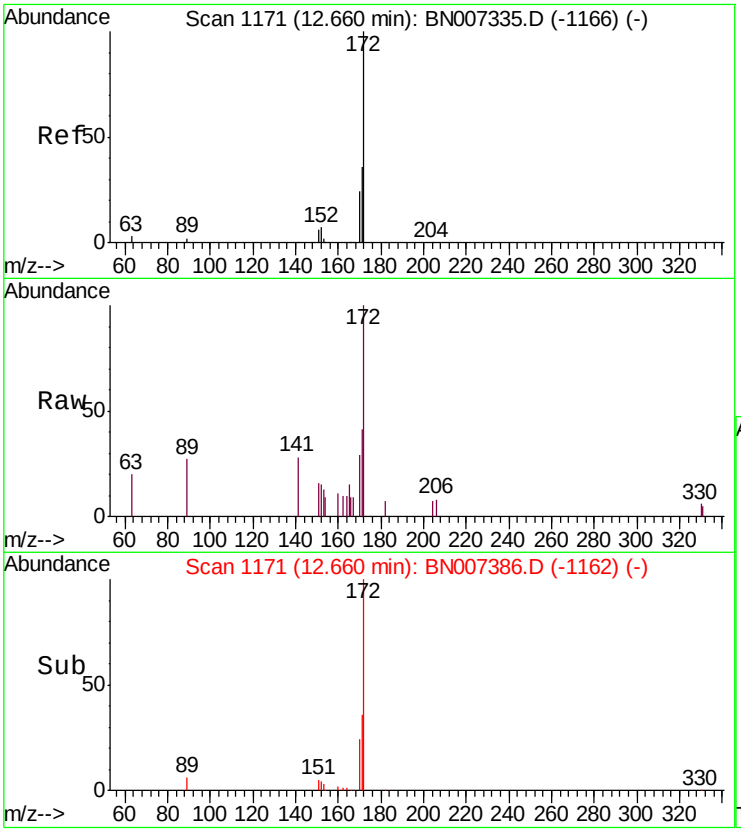


#14
2,4,6-Tribromophenol
Concen: 0.020 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Tgt Ion:330 Resp: 169

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



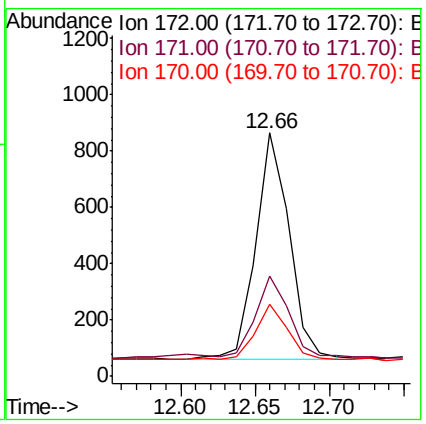


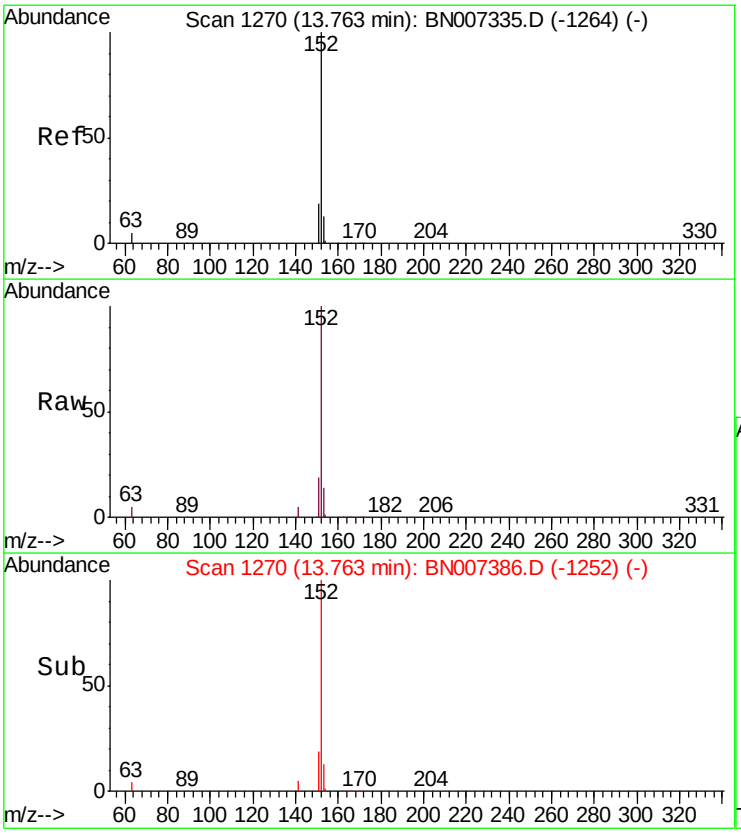
#15
2-Fluorobiphenyl
Concen: 0.019 ng
RT: 12.66 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Tgt Ion:172 Resp: 1257

Ion	Ratio	Lower	Upper
172	100		
171	41.2	30.3	45.5
170	29.4	20.7	31.1

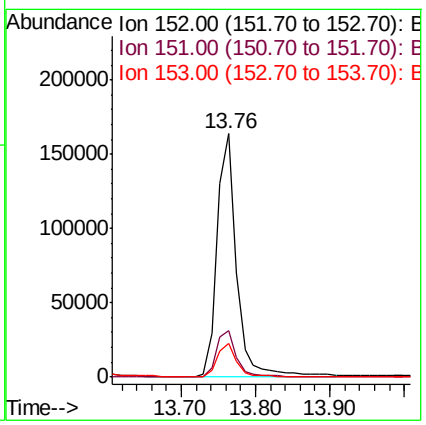


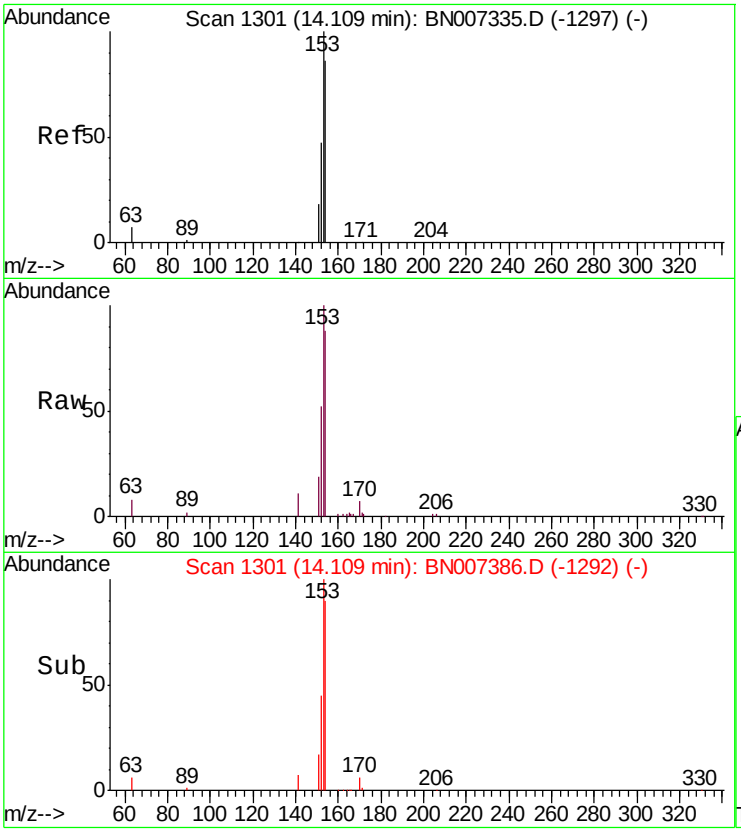


#16
Acenaphthylene
Concen: 3.053 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Tgt Ion:152 Resp: 298403

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.7	10.6	15.8



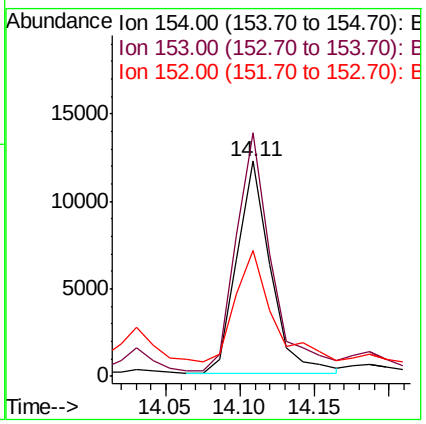


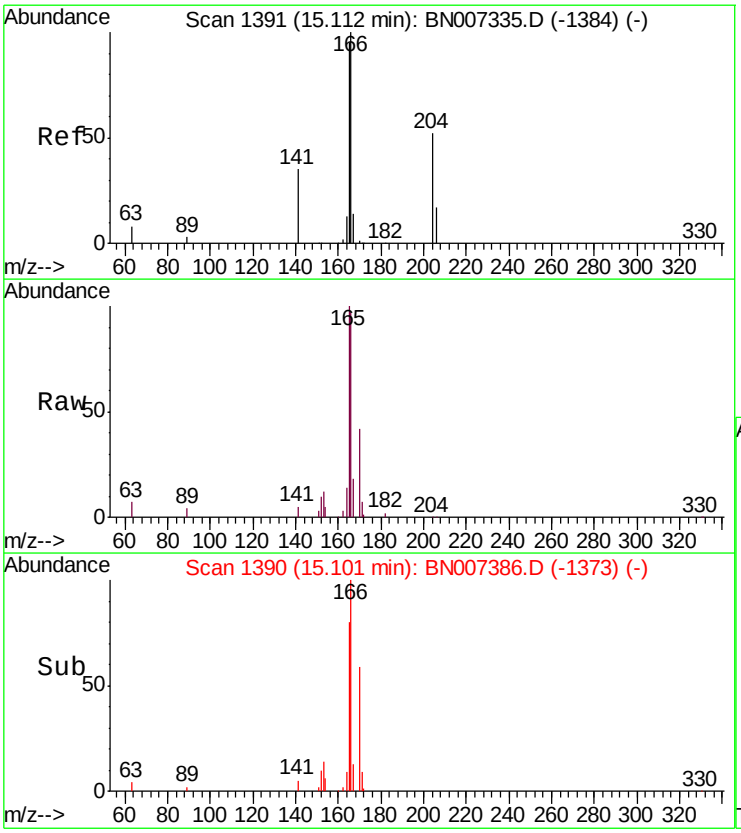
#17
Acenaphthene
Concen: 0.332 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Tgt Ion:154 Resp: 19014

Ion	Ratio	Lower	Upper
154	100		
153	118.0	92.8	139.2
152	58.5	43.8	65.8

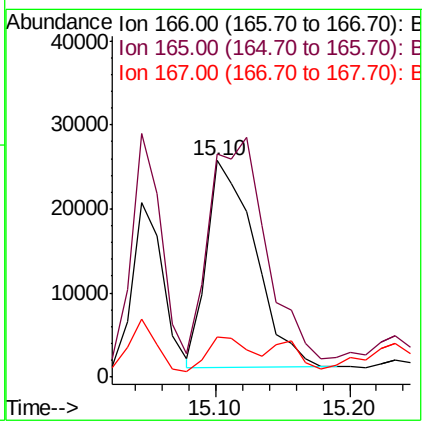


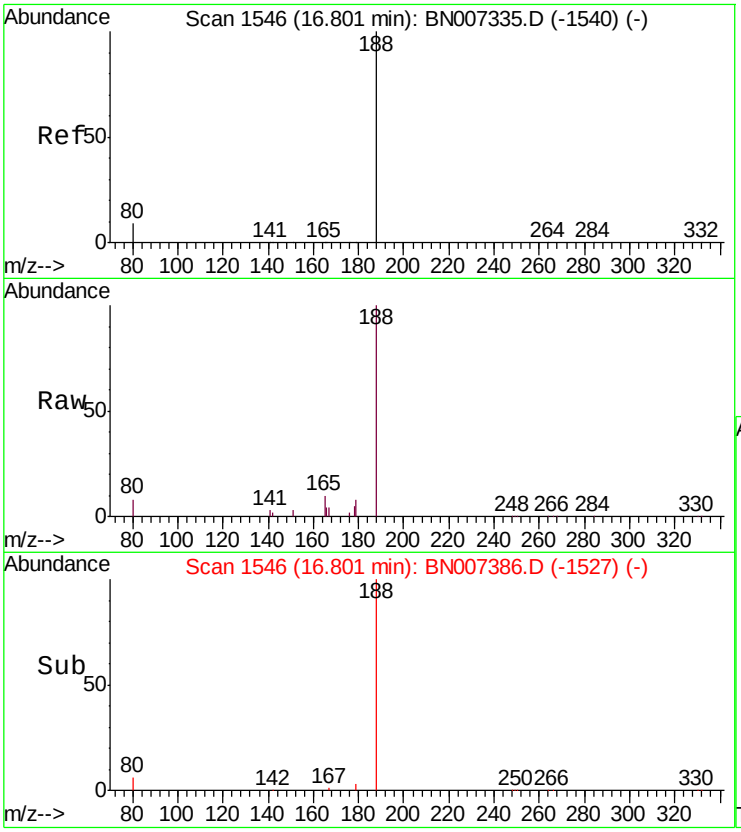


#18
Fluorene
Concen: 0.854 ng
RT: 15.10 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Tgt Ion:166 Resp: 61787

Ion	Ratio	Lower	Upper
166	100		
165	0.0	79.0	118.4#
167	15.1	10.6	15.8



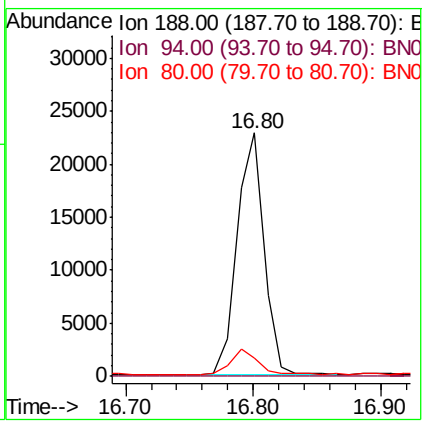


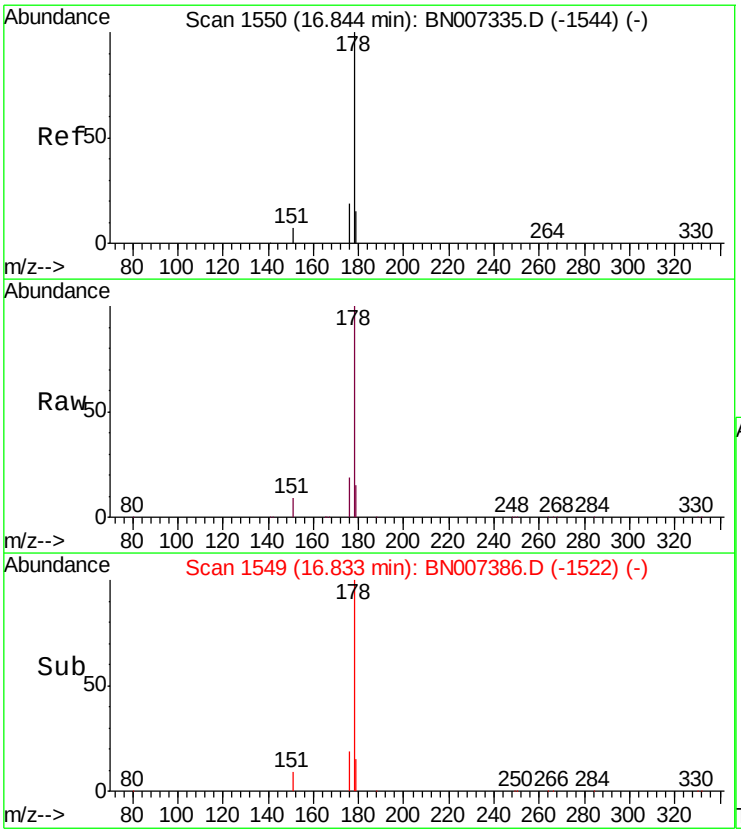
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Tgt Ion:188 Resp: 33638

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	11.8	17.8#

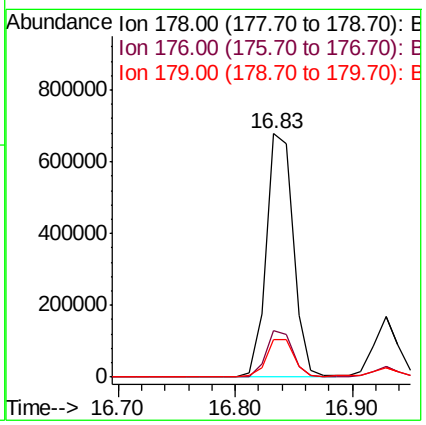


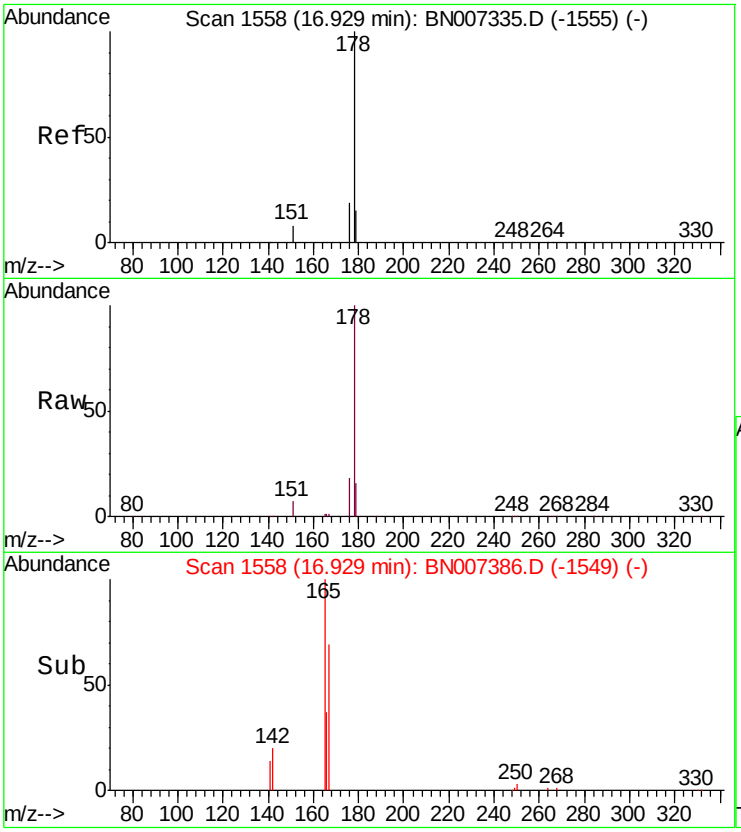


#23
Phenanthrene
Concen: 10.818 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Tgt Ion:178 Resp: 1094577

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.7	12.6	19.0



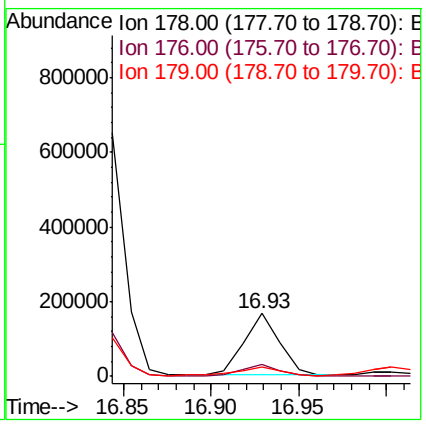


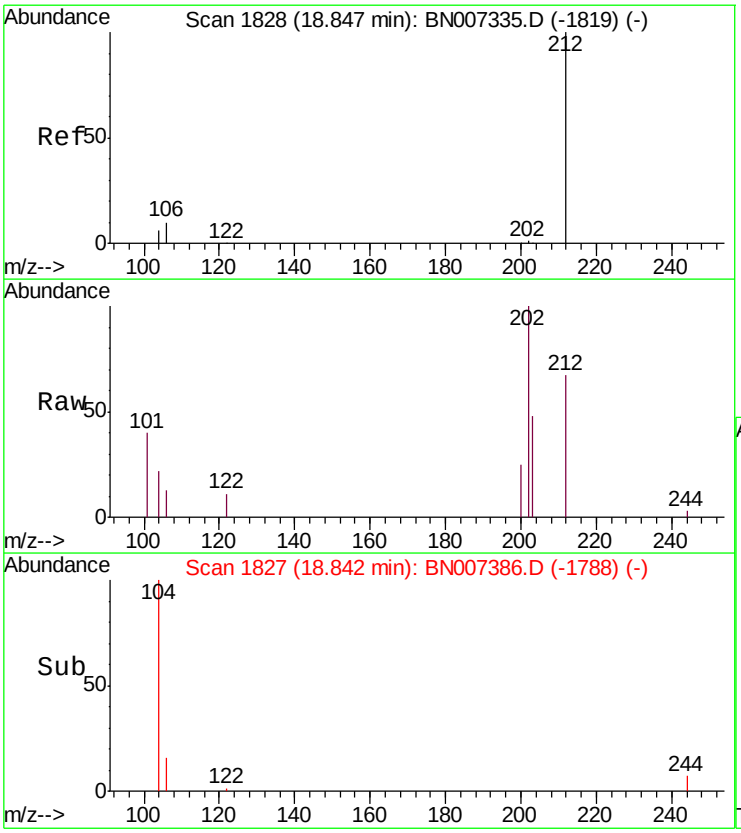
#24
Anthracene
Concen: 2.250 ng
RT: 16.93 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Tgt Ion:178 Resp: 228968

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	16.4	12.4	18.6

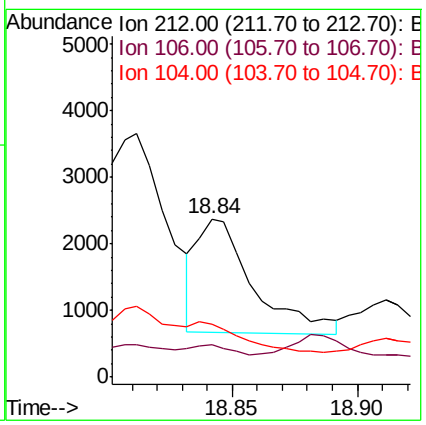


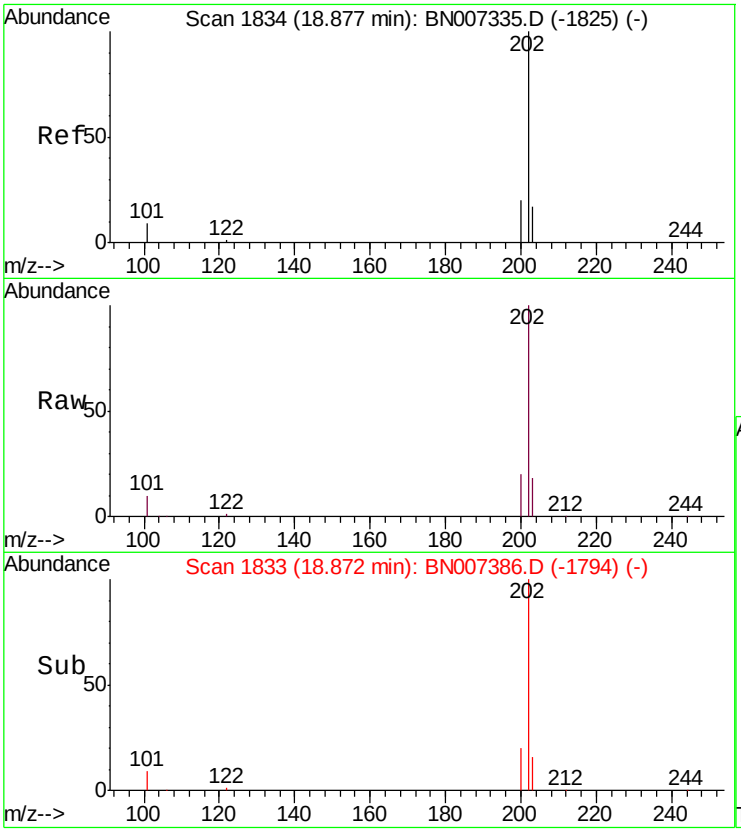


#25
Fluoranthene-d10
Concen: 0.025 ng
RT: 18.84 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Tgt Ion:212 Resp: 2669

Ion	Ratio	Lower	Upper
212	100		
106	7.3	9.0	13.4#
104	0.0	5.4	8.2#



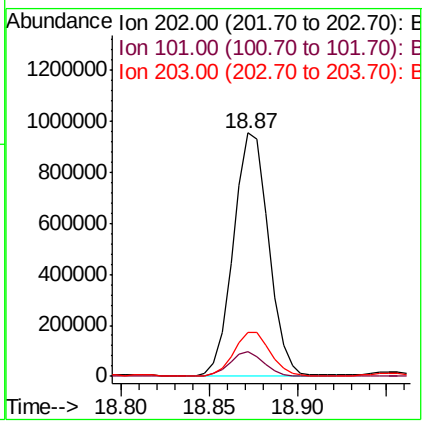


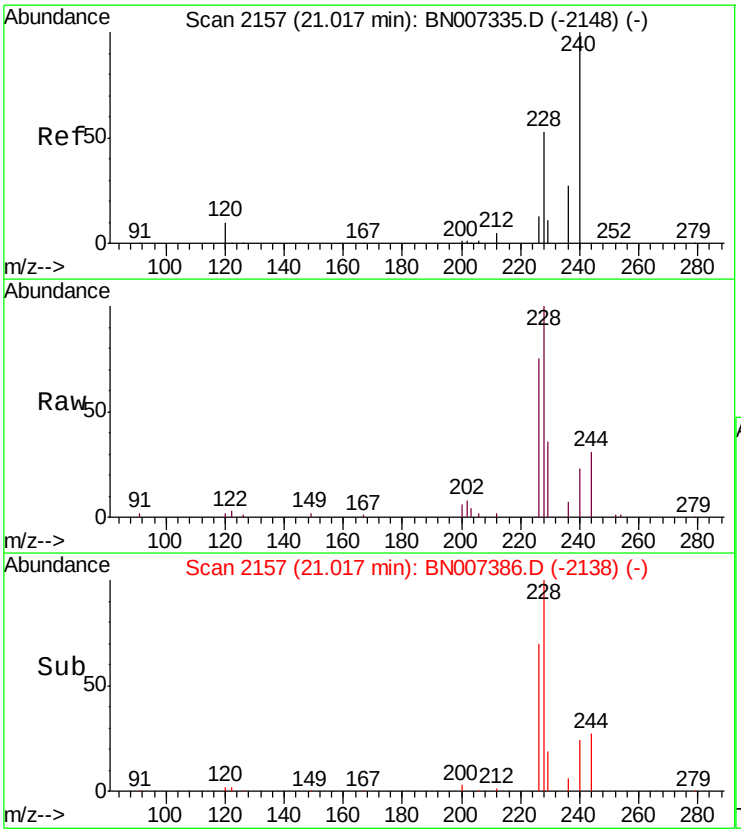
#26
Fluoranthene
Concen: 10.148 ng
RT: 18.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Tgt Ion:202 Resp: 1318308

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.7	11.5
203	18.3	13.7	20.5

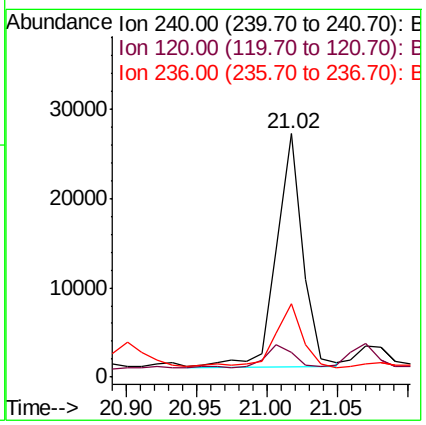


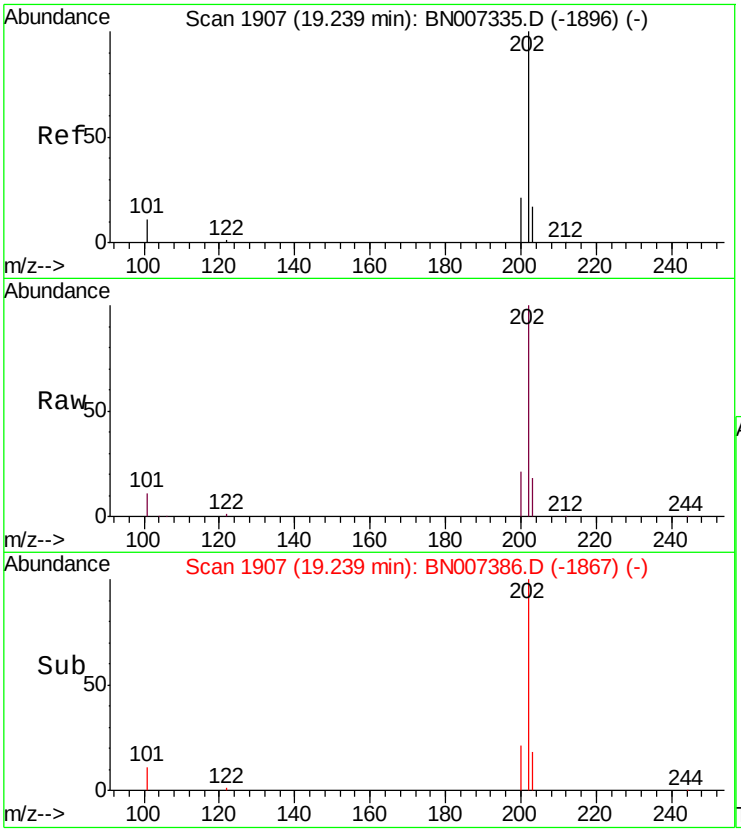


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Tgt Ion:240 Resp: 34411

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.6	14.4
236	29.9	22.2	33.2



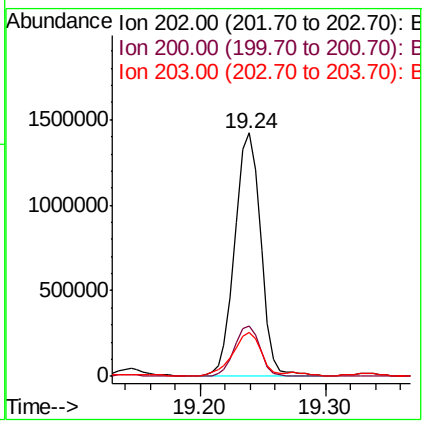


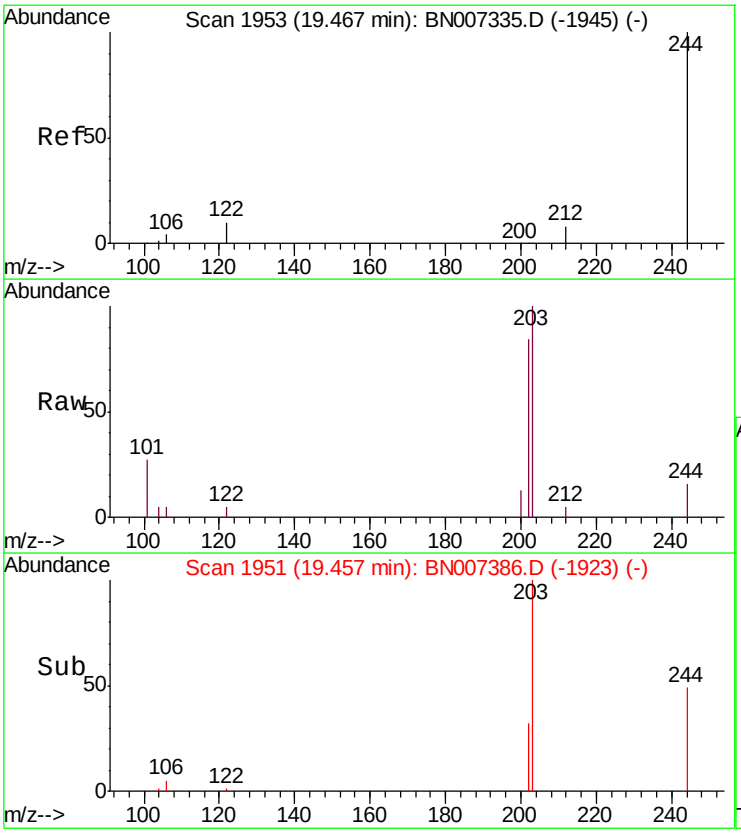
#28
Pyrene
Concen: 14.634 ng
RT: 19.24 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Tgt Ion:202 Resp: 2025713

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	20.7	14.2	21.4

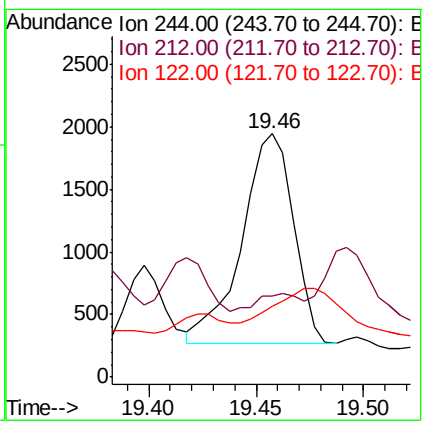


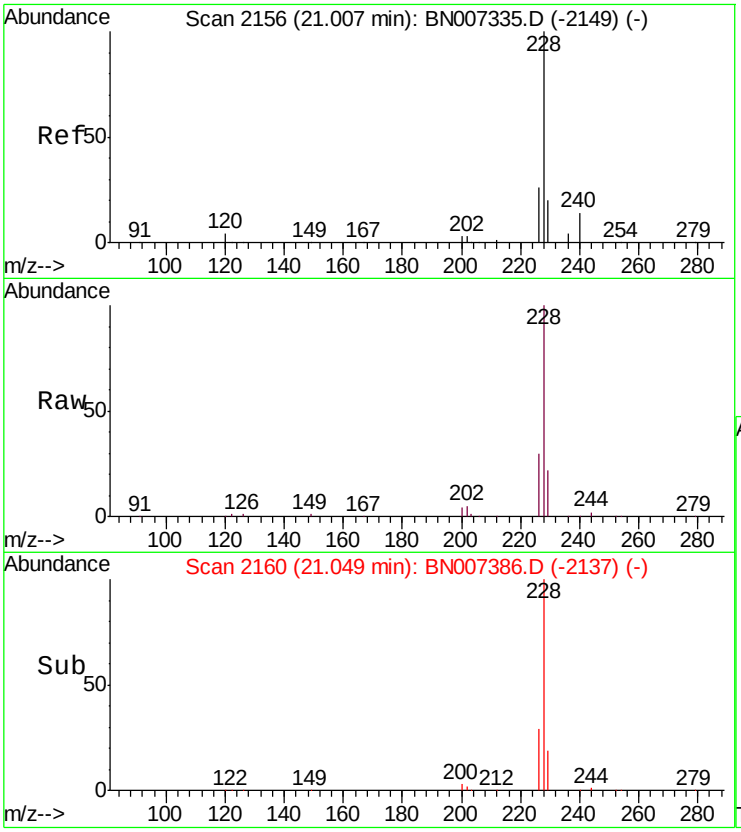


#29
Terphenyl-d14
Concen: 0.031 ng
RT: 19.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Tgt Ion:244 Resp: 2800

Ion	Ratio	Lower	Upper
244	100		
212	33.6	7.0	10.6#
122	29.2	9.6	14.4#



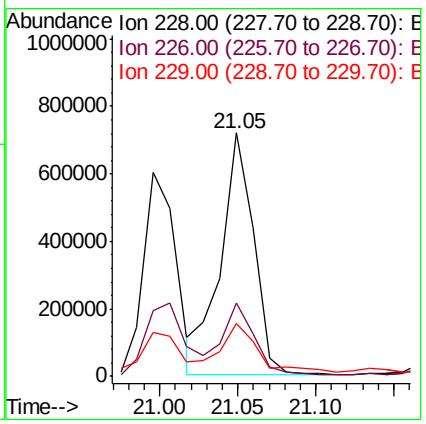


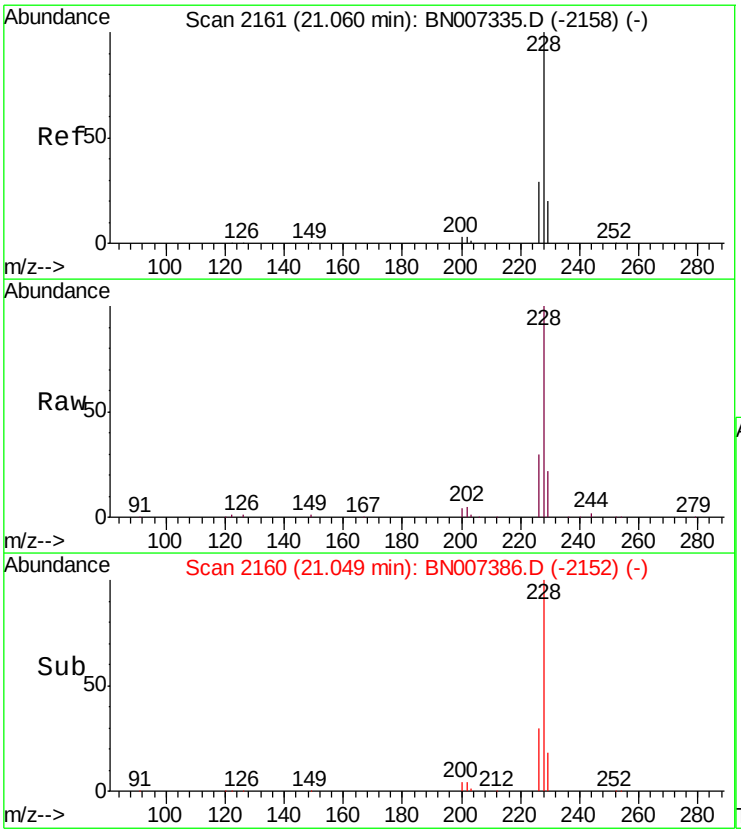
#30
Benzo(a)anthracene
Concen: 7.798 ng
RT: 21.05 min Scan# 2160
Delta R.T. 0.04 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Tgt Ion:228 Resp: 1053881

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.3	31.9
229	22.0	16.1	24.1

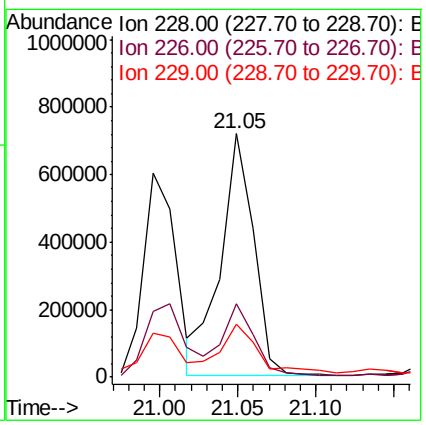


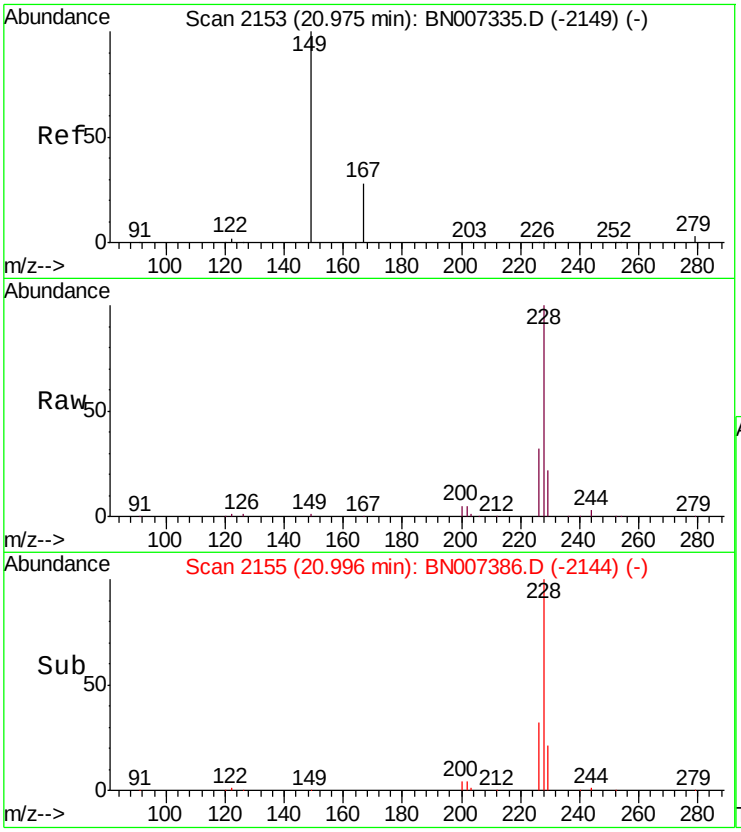


#31
Chrysene
Concen: 8.079 ng
RT: 21.05 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Tgt Ion:228 Resp: 1053881

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.5	35.3
229	22.0	16.6	24.8



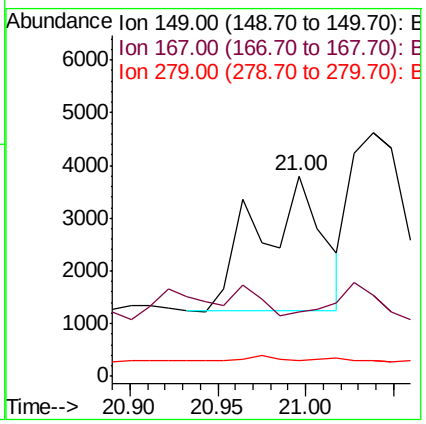


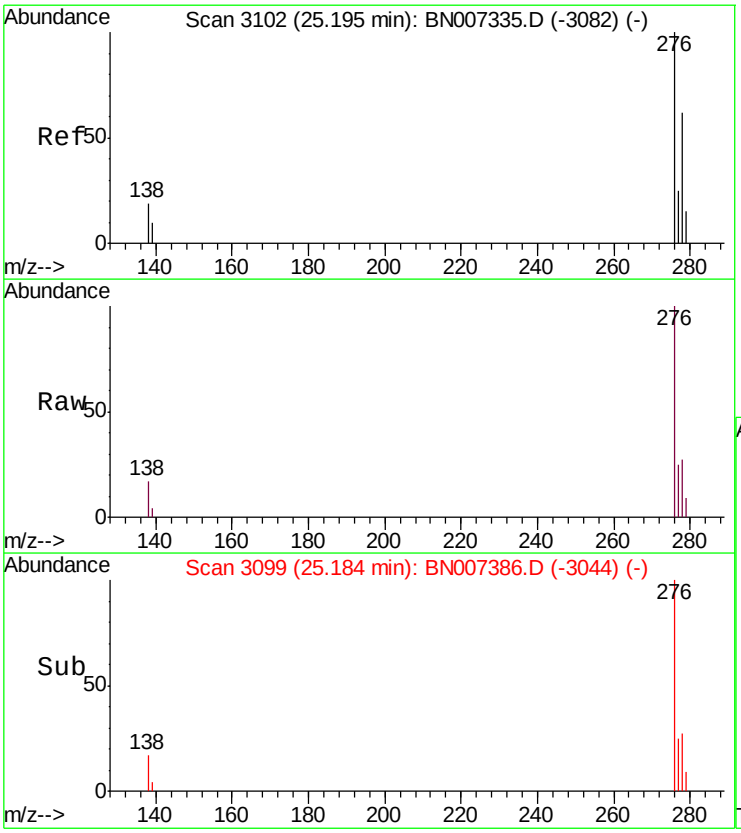
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.055 ng
RT: 21.00 min Scan# 2155
Delta R.T. 0.02 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Tgt Ion:149 Resp: 6464

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.8	34.2#
279	0.0	3.5	5.3#

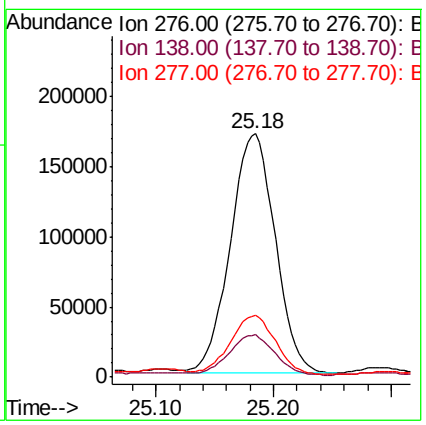


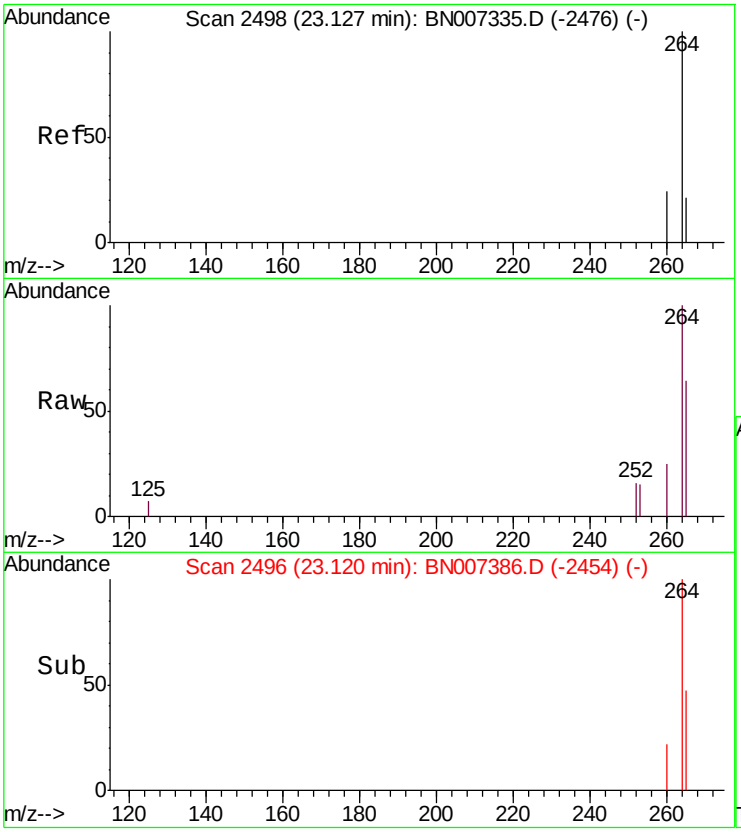


#33
Indeno(1,2,3-cd)pyrene
Concen: 2.865 ng
RT: 25.18 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Tgt Ion:276 Resp: 450125

Ion	Ratio	Lower	Upper
276	100		
138	17.1	15.1	22.7
277	25.0	19.7	29.5



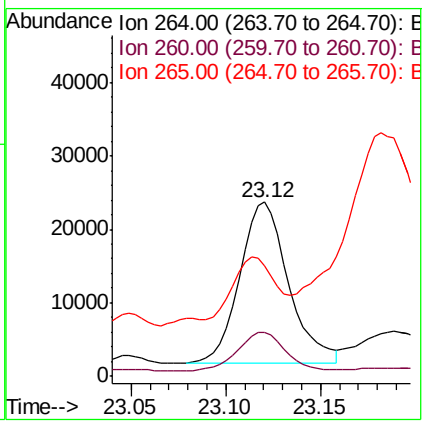


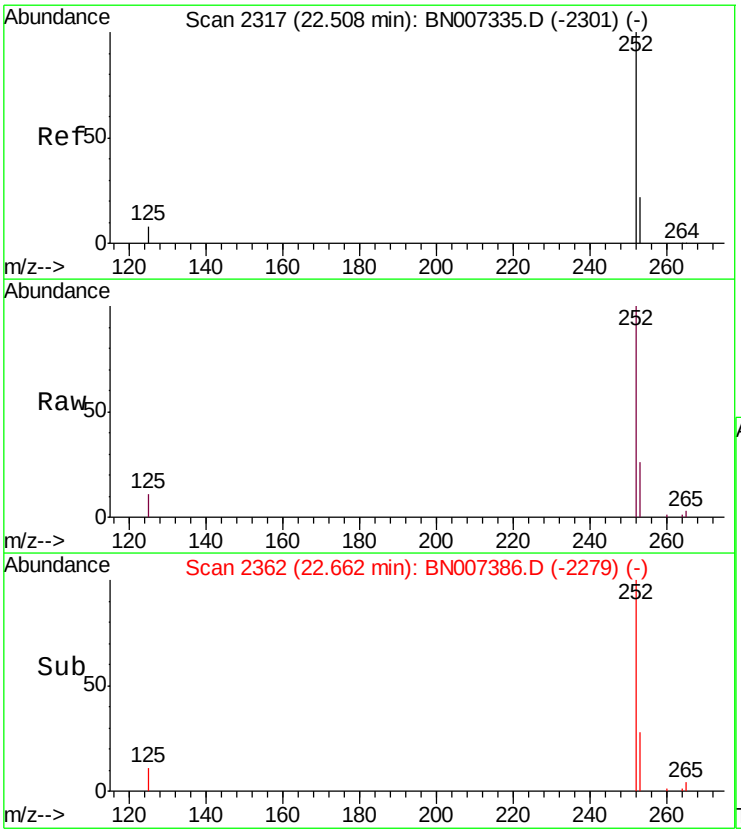
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Tgt Ion:264 Resp: 39119

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	63.5	29.9	44.9#

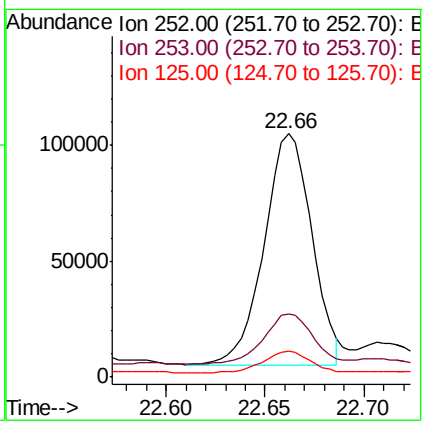


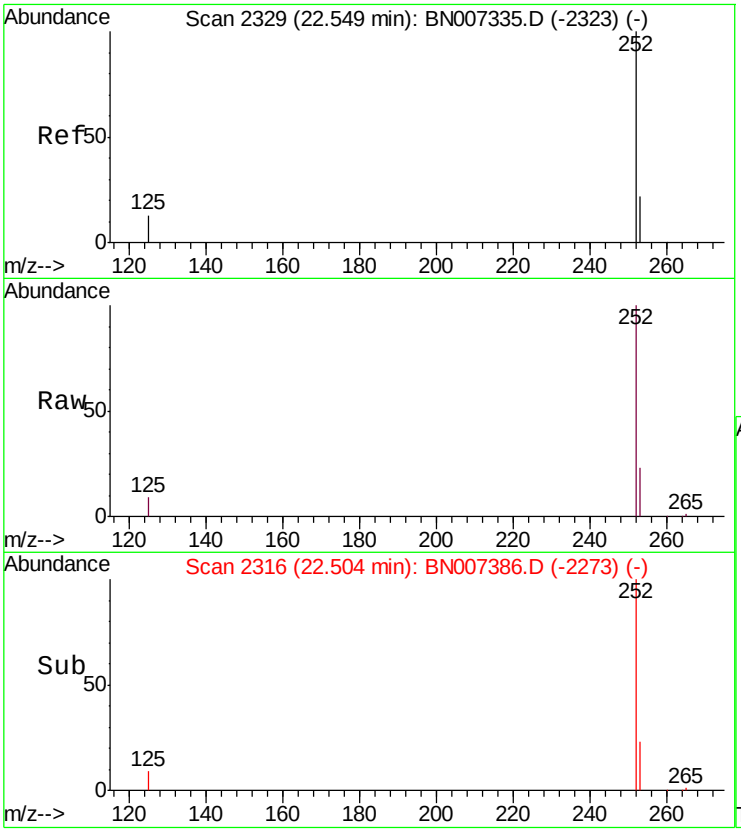


#35
Benzo(b)fluoranthene
Concen: 1.174 ng
RT: 22.66 min Scan# 2362
Delta R.T. 0.15 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Tgt Ion:252 Resp: 166350

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.2	28.8
125	10.6	10.6	16.0



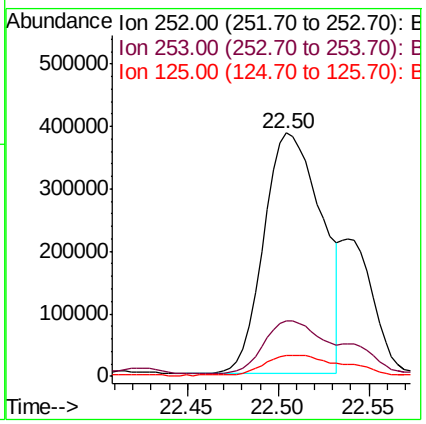


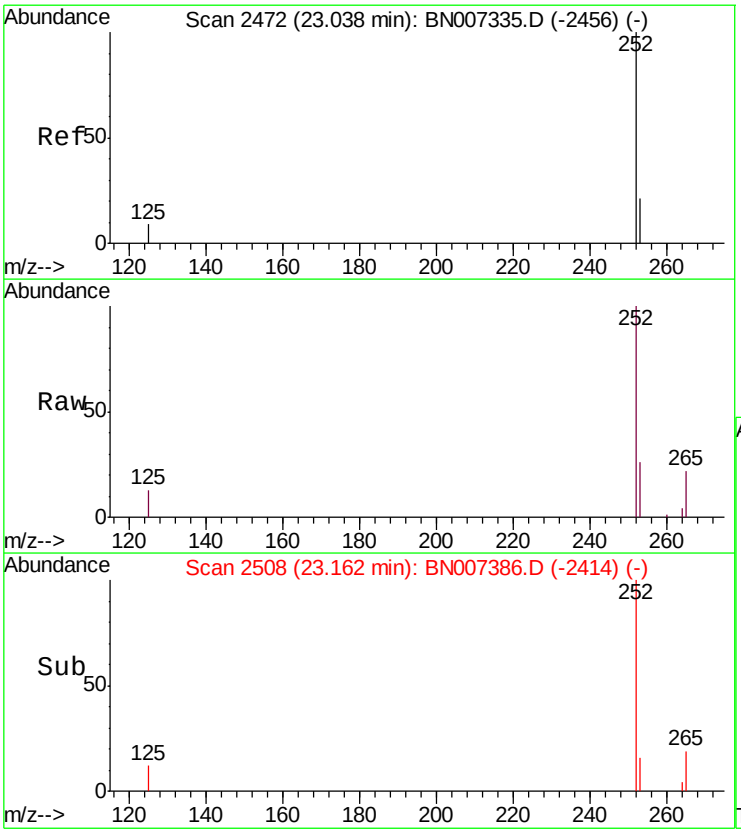
#36
Benzo(k)fluoranthene
Concen: 6.084 ng
RT: 22.50 min Scan# 2316
Delta R.T. -0.04 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Tgt Ion:252 Resp: 852272

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.4	29.2
125	8.6	13.1	19.7#

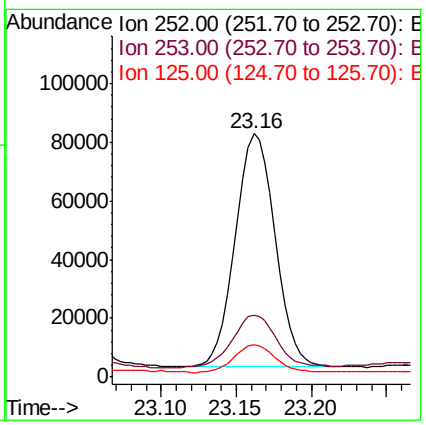


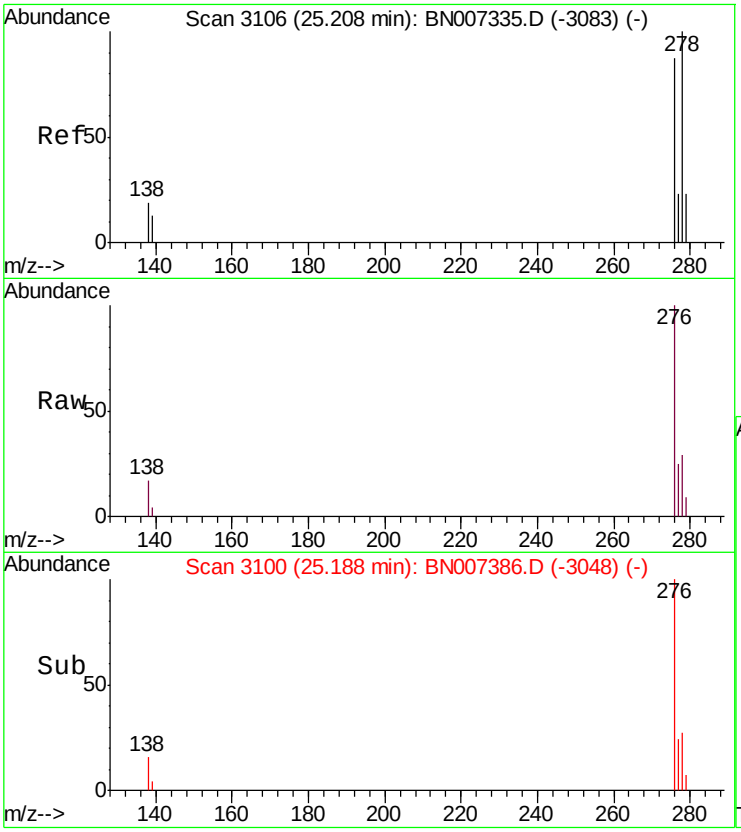


#37
Benzo(a)pyrene
Concen: 1.059 ng
RT: 23.16 min Scan# 2508
Delta R.T. 0.12 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Tgt Ion:252 Resp: 142793

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.5	29.3
125	13.3	12.1	18.1



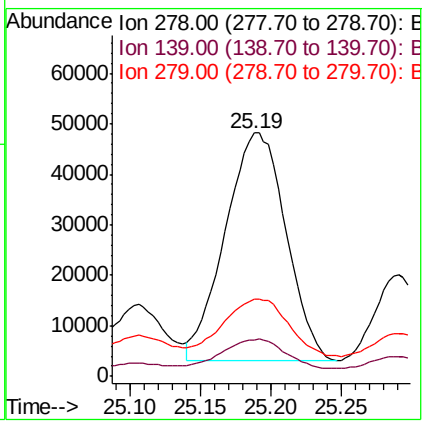


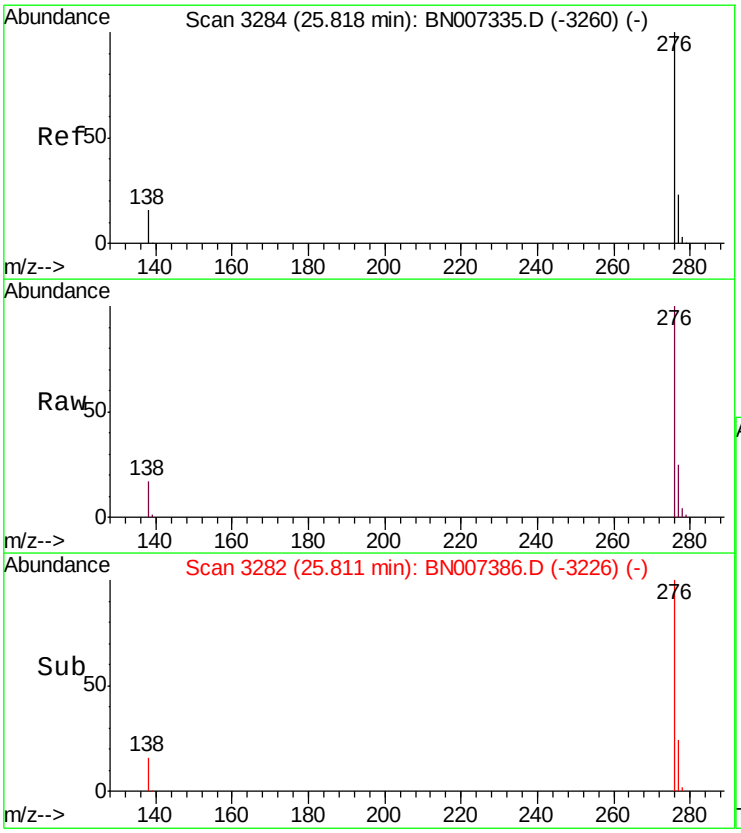
#38
Dibenzo(a,h)anthracene
Concen: 1.008 ng
RT: 25.19 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Instrument :
BNA_N
ClientSampleId :
EXT-015-SW085-080119-2

Tgt Ion:278 Resp: 135696

Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.7	20.5
279	31.7	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 3.901 ng
RT: 25.81 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN007386.D
Acq: 25 Aug 2019 06:06

Tgt Ion:276 Resp: 523149

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	17.0	16.3	24.5