Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082619\
Data File : BN007415.D
Acq On : 26 Aug 2019 18:25
Operator : HP/JU
Sample : K4514-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S602-M-1.0-1.5-082319

Quant Time: Aug 27 05:45:48 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	5070	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	18795	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	10344	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	19167	0.40	ng		0.00
27) Chrysene-d12	21.02	240	22879	0.40	ng		0.00
34) Perylene-d12	23.12	264	26506	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	5064	0.28	ng		0.00
5) Phenol-d6	6.59	99	6105	0.26	ng		0.00
8) Nitrobenzene-d5	8.53	82	4728	0.29	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	8541	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1471	0.27	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	10440	0.25	ng		0.00
25) Fluoranthene-d10	18.84	212	17980	0.29	ng		0.00
29) Terphenyl-d14	19.46	244	13426	0.22	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.20	128	4231	0.079	ng		94
12) 2-Methylnaphthalene	11.83	142	7636	0.209	ng		98
16) Acenaphthylene	13.76	152	7926	0.130	ng	#	77
17) Acenaphthene	14.10	154	20840	0.582	ng		99
18) Fluorene	15.10	166	18046	0.398	ng	#	96
20) 4-Bromophenyl-phenylether	16.01	248	553	0.073	ng	#	1
22) Pentachlorophenol	16.46	266	134	0.034	ng	#	71
23) Phenanthrene	16.84	178	263859	4.577	ng		99
24) Anthracene	16.92	178	59574	1.027	ng	#	95
26) Fluoranthene	18.87	202	859666	11.613	ng		100
28) Pyrene	19.24	202	761017	8.269	ng	#	94
30) Benzo(a)anthracene	21.00	228	530523	5.904	ng		99
31) Chrysene	21.05	228	451570	5.207	ng		98
32) Bis(2-ethylhexyl)phthalate	20.97	149	13613	0.215	ng		95
33) Indeno(1,2,3-cd)pyrene	25.18	276	389267	3.726	ng		98
35) Benzo(b)fluoranthene	22.66	252	90053	0.938	ng		95
36) Benzo(k)fluoranthene	22.51	252	757337	7.979	ng	#	91
37) Benzo(a)pyrene	22.94	252	359323	3.932	ng		97
38) Dibenzo(a,h)anthracene	25.19	278	96554	1.059	ng		95
39) Benzo(g,h,i)perylene	25.81	276	374195	4.119	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082619\
Data File : BN007415.D
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Sample : K4514-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S602-M-1.0-1.5-082319

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
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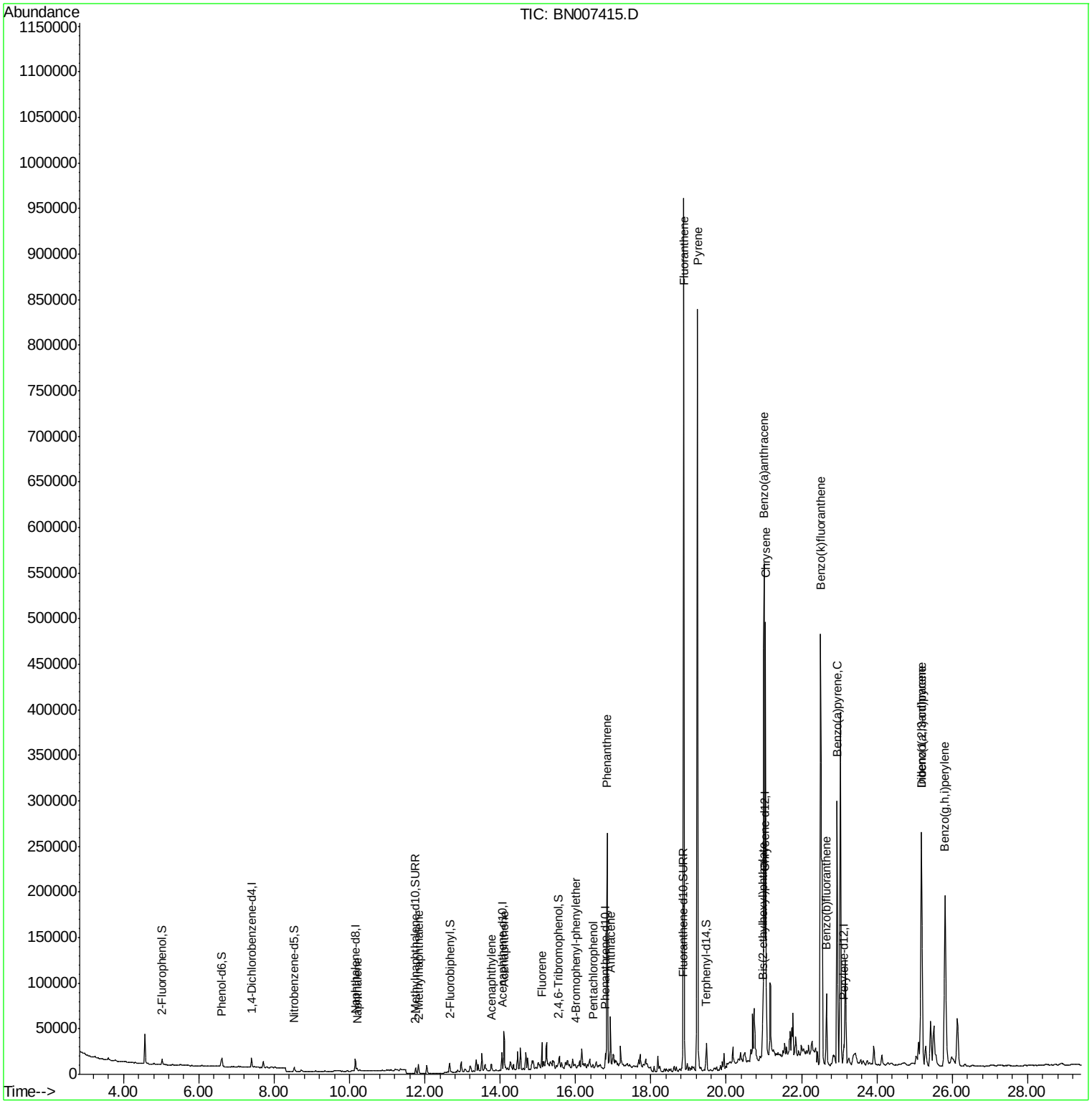
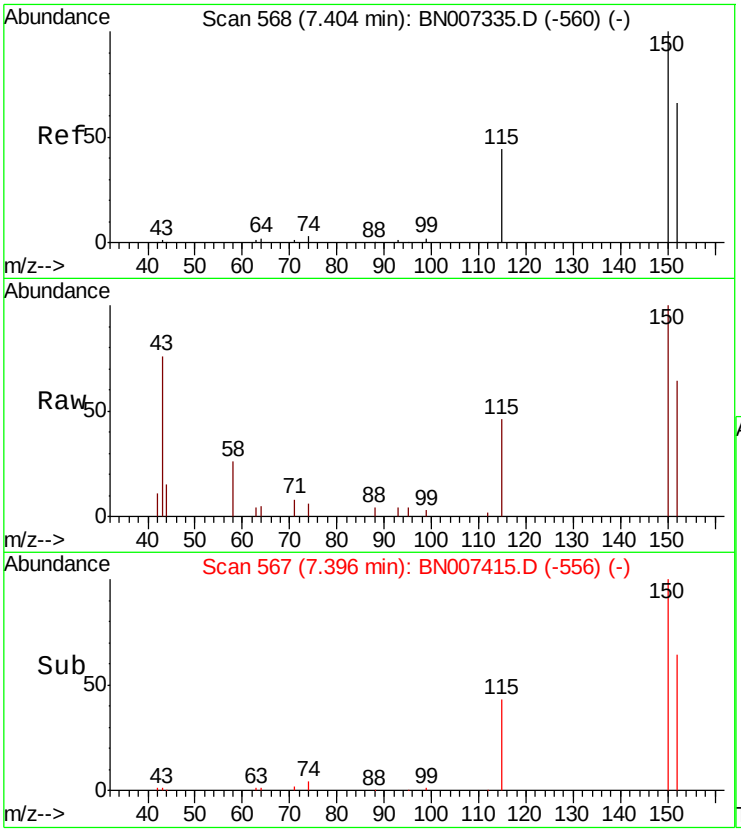


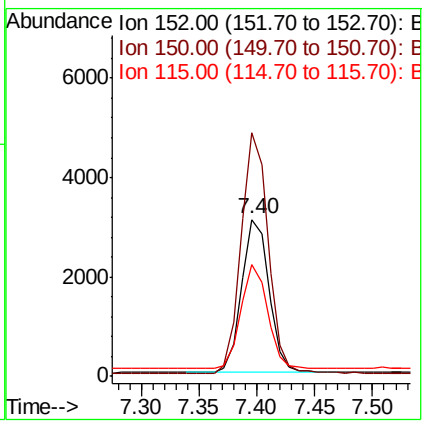


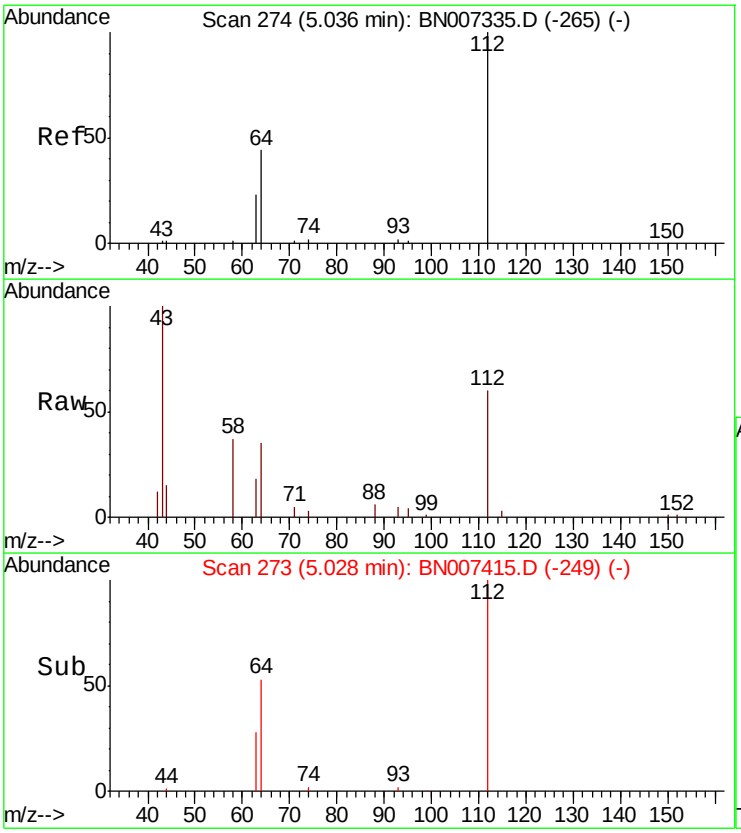
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion:152 Resp: 5070

Ion	Ratio	Lower	Upper
152	100		
150	155.4	109.1	163.7
115	71.2	59.6	89.4

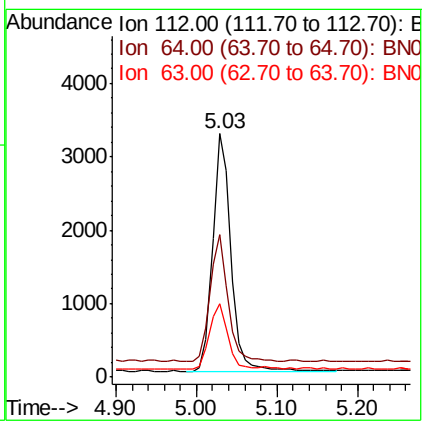


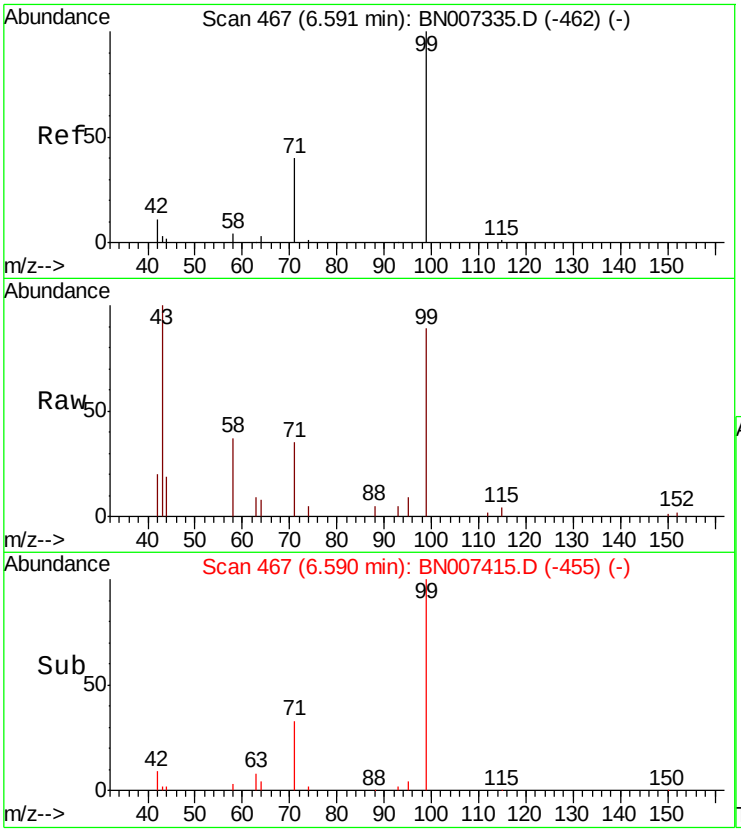


#4
2-Fluorophenol
Concen: 0.279 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:112 Resp: 5064

Ion	Ratio	Lower	Upper
112	100		
64	50.8	42.3	63.5
63	27.2	23.6	35.4



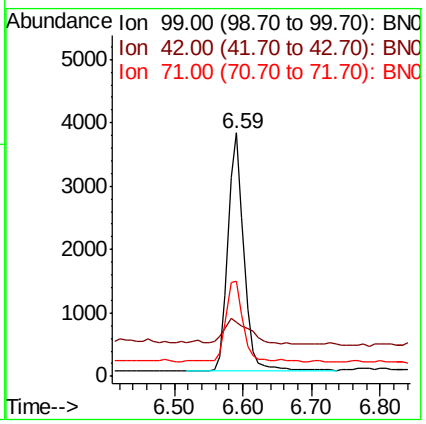


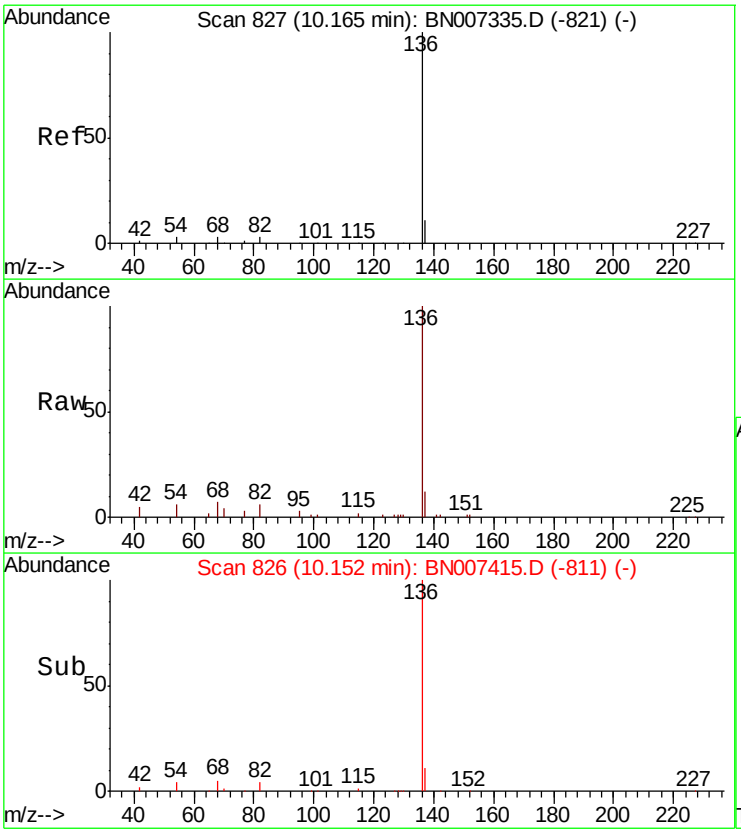
#5
Phenol-d6
Concen: 0.262 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion: 99 Resp: 6105

Ion	Ratio	Lower	Upper
99	100		
42	17.1	11.2	16.8#
71	36.8	31.8	47.8

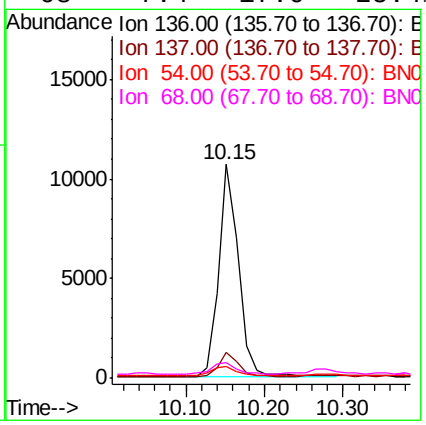


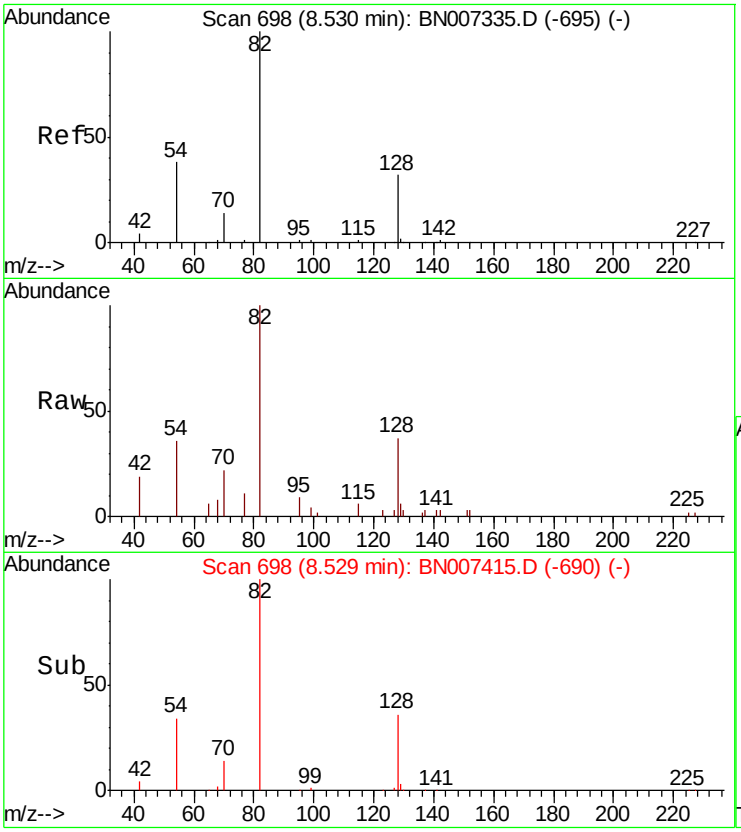


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:136 Resp: 18795

Ion	Ratio	Lower	Upper
136	100		
137	11.9	12.9	19.3#
54	5.7	8.6	12.8#
68	7.4	17.0	25.4#



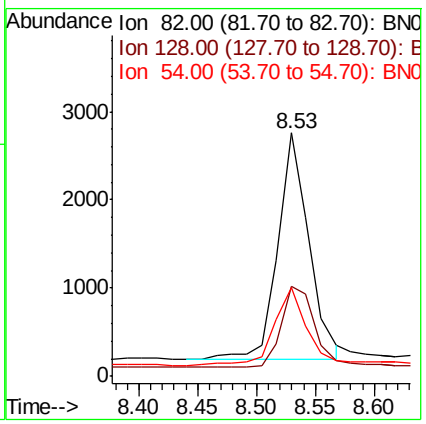


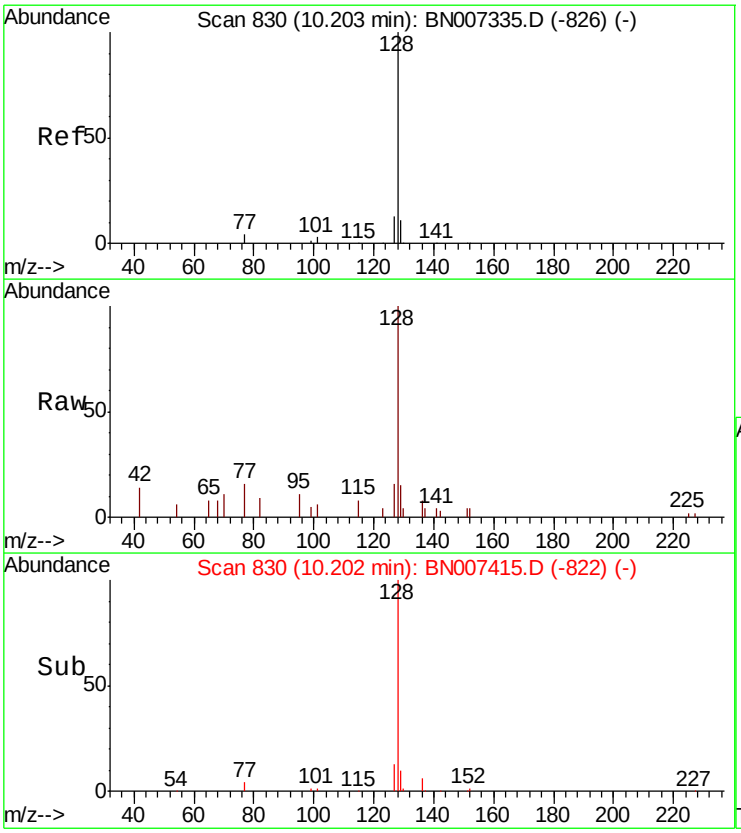
#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion: 82 Resp: 4728

Ion	Ratio	Lower	Upper
82	100		
128	37.2	19.7	29.5#
54	36.2	25.8	38.6

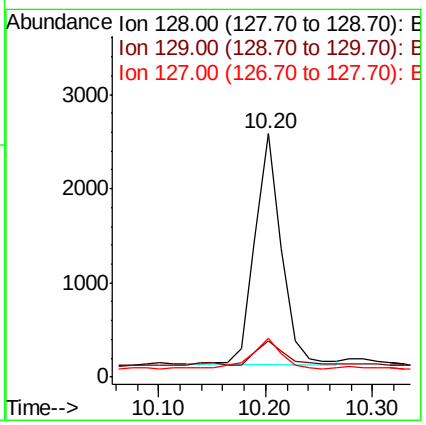


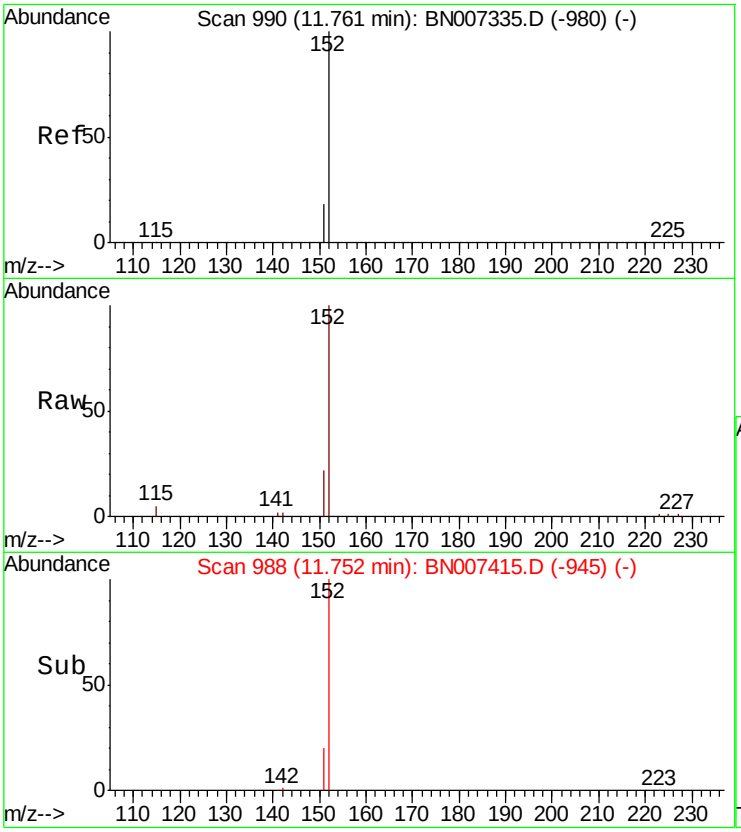


#9
Naphthalene
Concen: 0.079 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:128 Resp: 4231

Ion	Ratio	Lower	Upper
128	100		
129	14.7	11.1	16.7
127	15.7	15.5	23.3



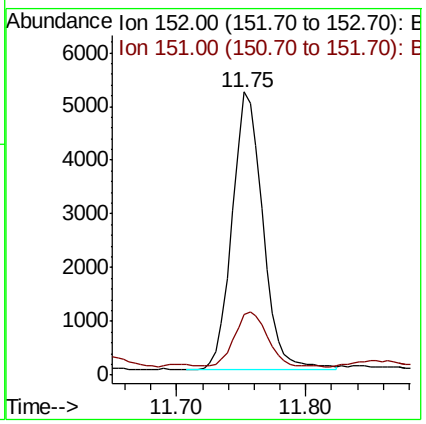


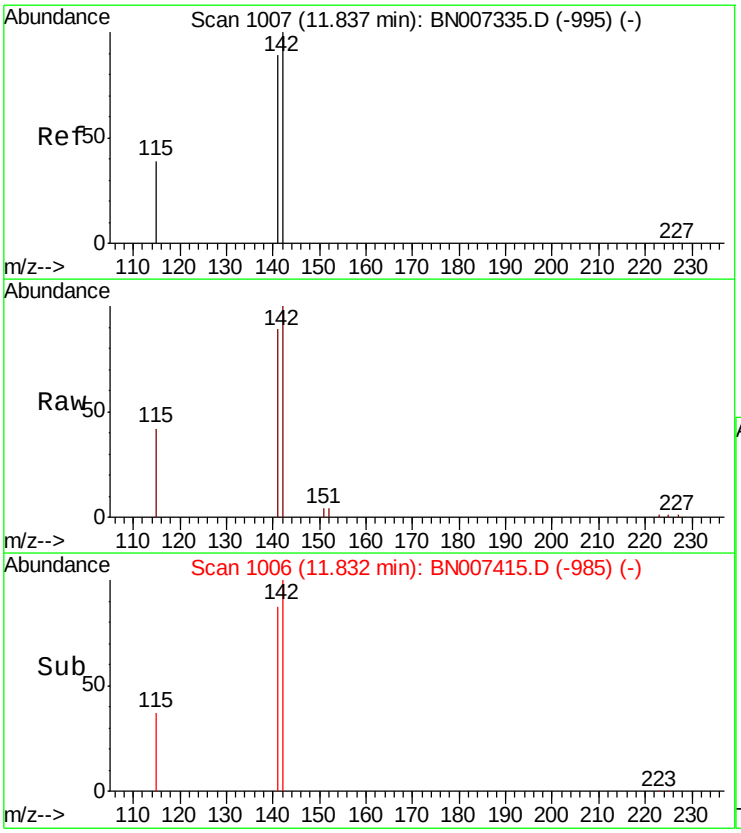
#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 11.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion:152 Resp: 8541

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.2	24.2

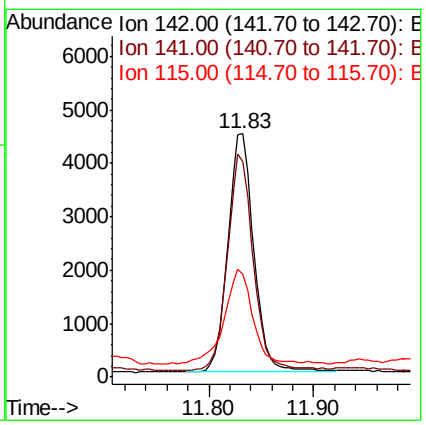


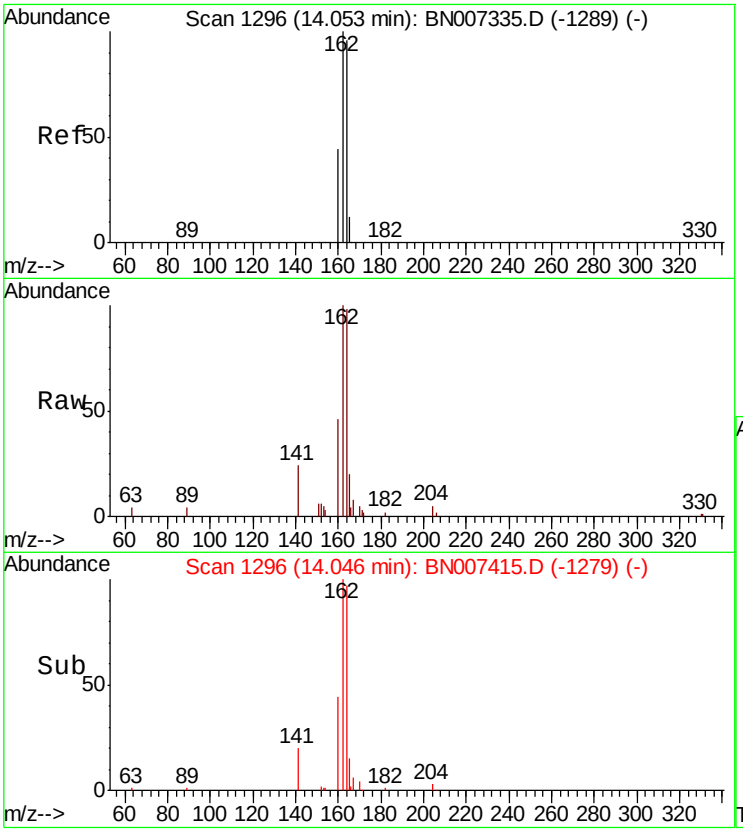


#12
2-Methylnaphthalene
Concen: 0.209 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:142 Resp: 7636

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.8	109.2
115	42.3	35.2	52.8



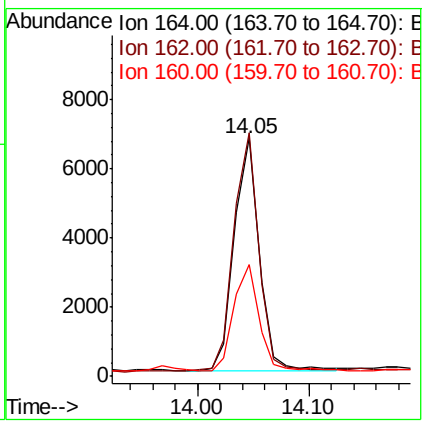


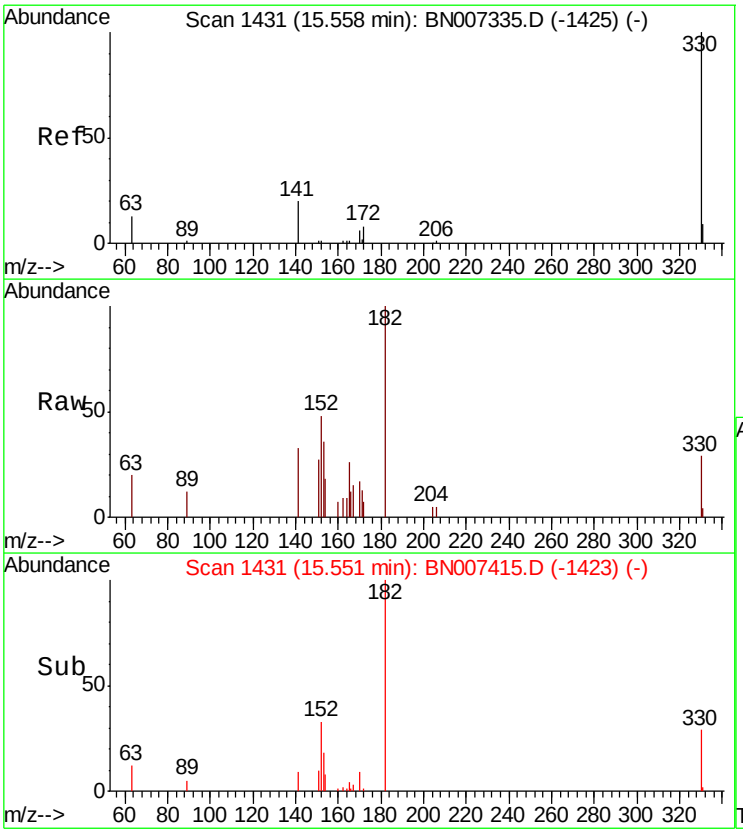
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion:164 Resp: 10344

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.5	125.3
160	46.7	38.2	57.4

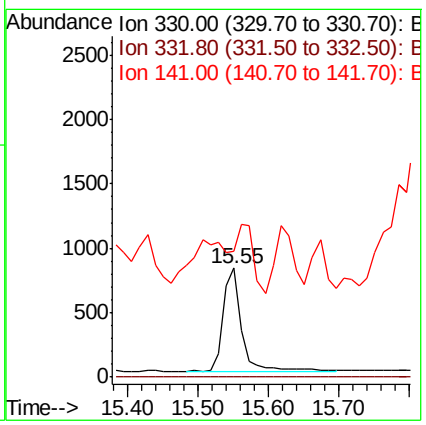


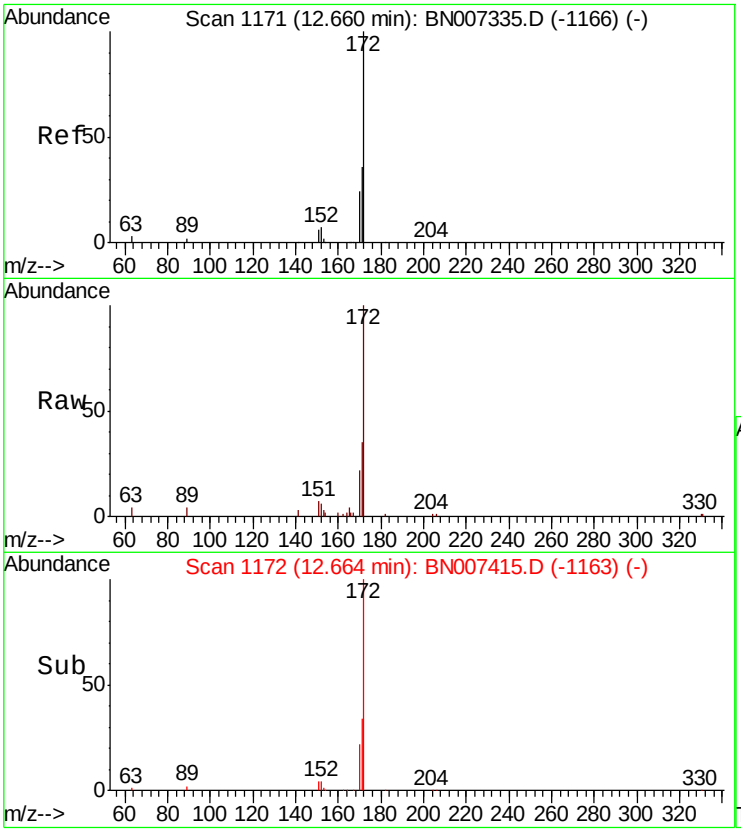


#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:330 Resp: 1471

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	69.1	26.9	40.3#



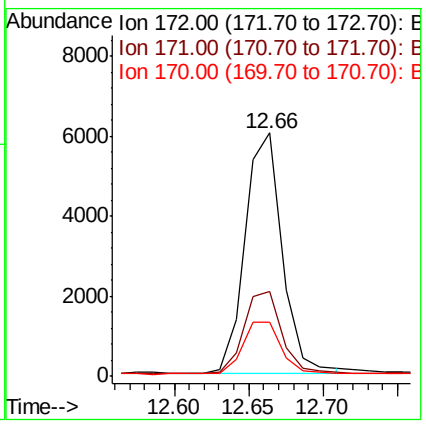


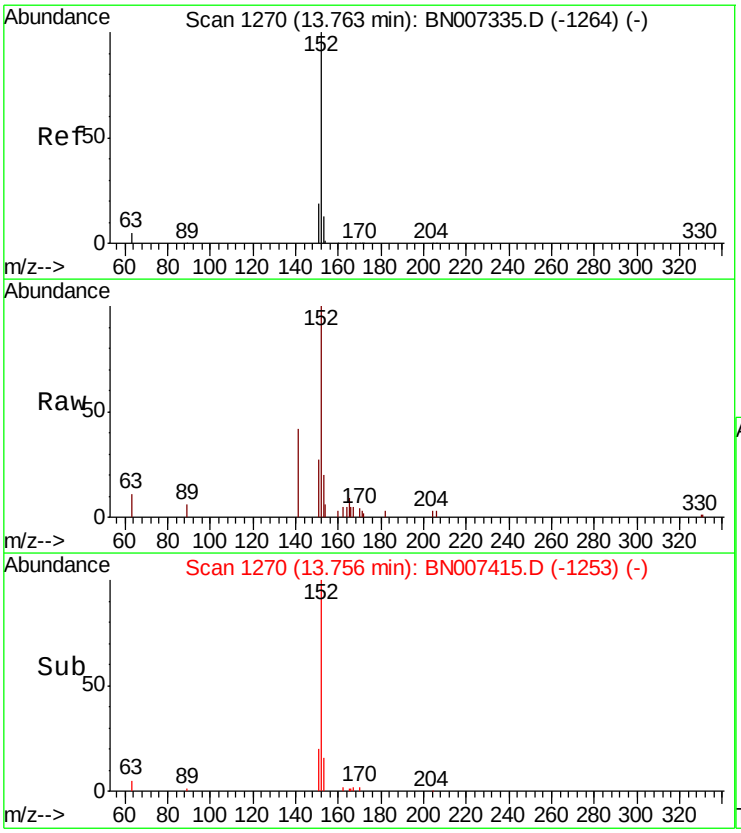
#15
2-Fluorobiphenyl
Concen: 0.250 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion:172 Resp: 10440

Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.3	45.5
170	22.5	20.7	31.1

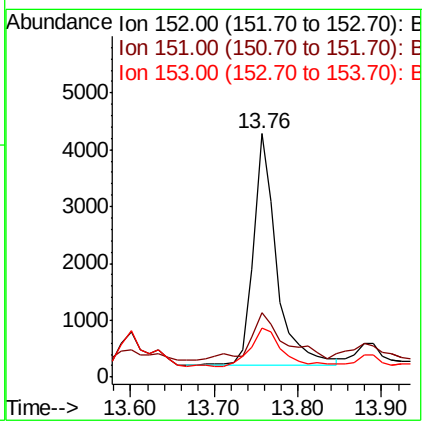


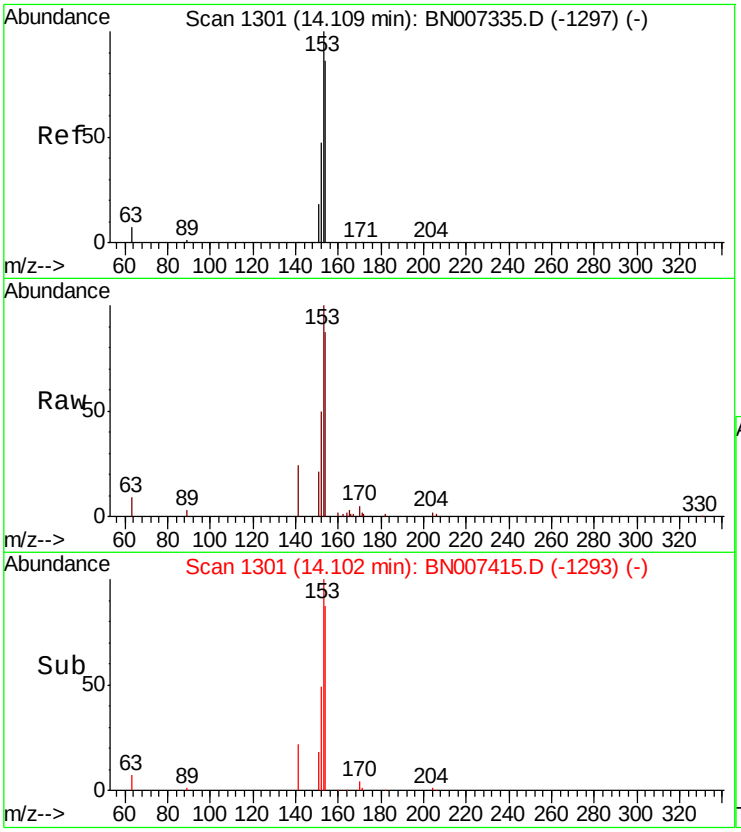


#16
Acenaphthylene
Concen: 0.130 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:152 Resp: 7926

Ion	Ratio	Lower	Upper
152	100		
151	29.4	16.1	24.1#
153	23.8	10.6	15.8#



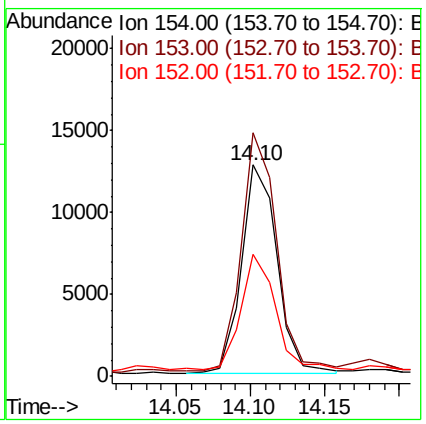


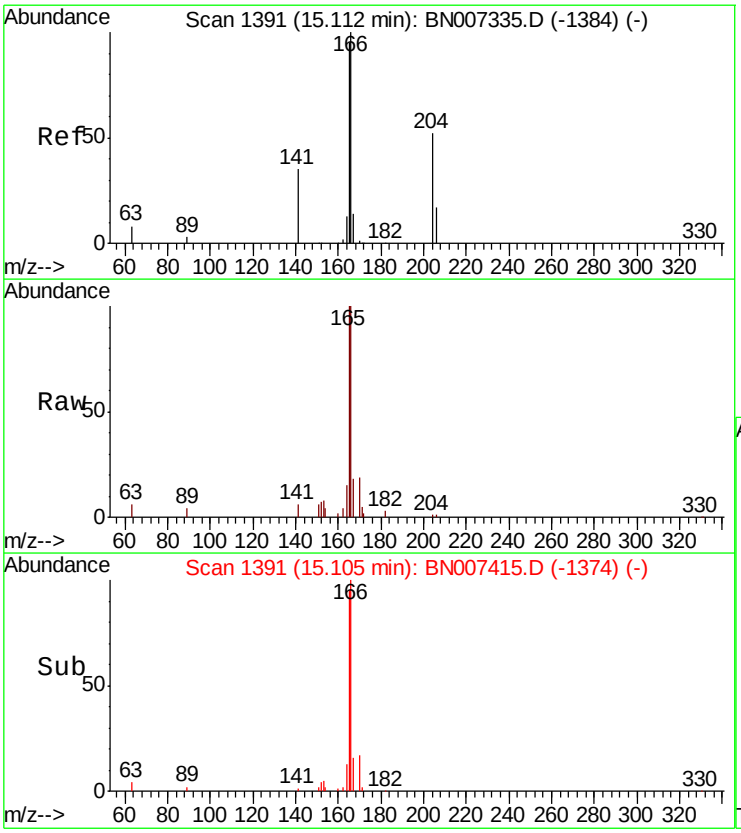
#17
Acenaphthene
Concen: 0.582 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion:154 Resp: 20840

Ion	Ratio	Lower	Upper
154	100		
153	114.4	92.8	139.2
152	55.0	43.8	65.8

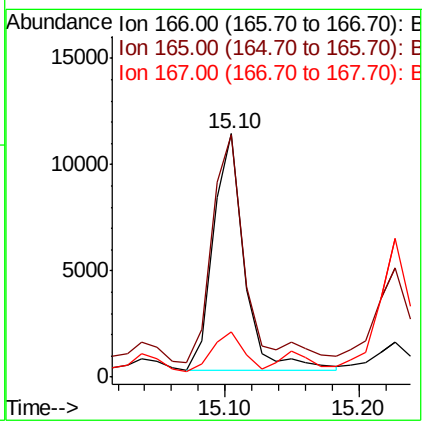


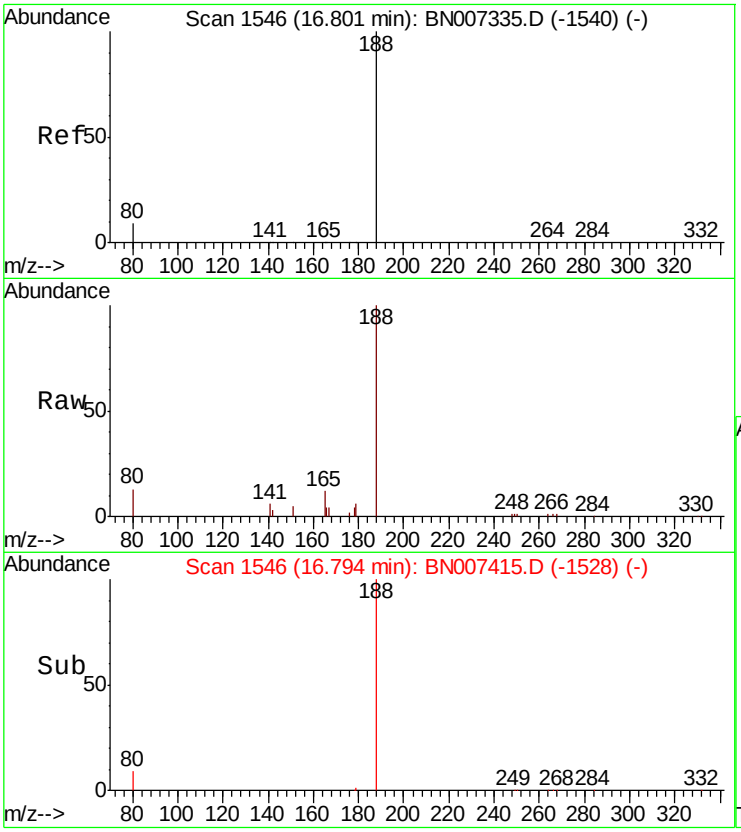


#18
Fluorene
Concen: 0.398 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:166 Resp: 18046

Ion	Ratio	Lower	Upper
166	100		
165	95.5	79.0	118.4
167	16.0	10.6	15.8#



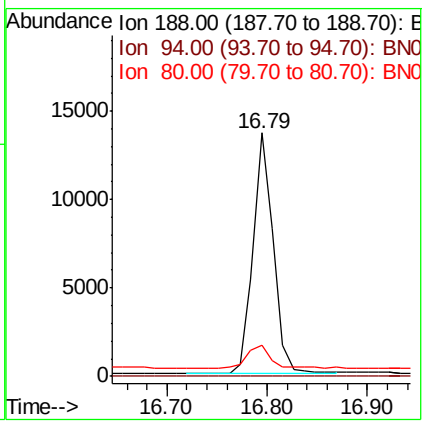


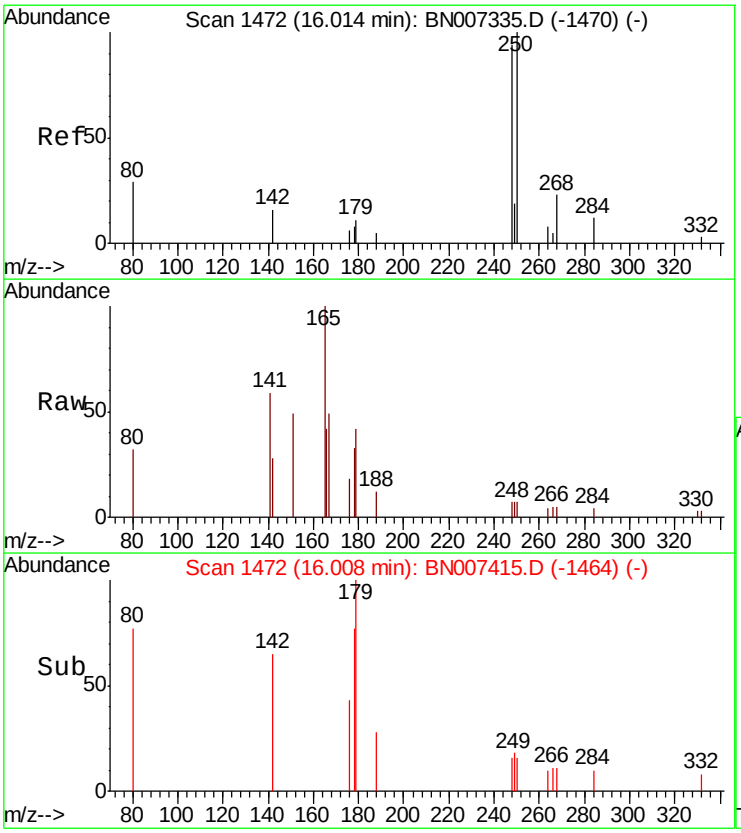
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion:188 Resp: 19167

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	11.8	17.8

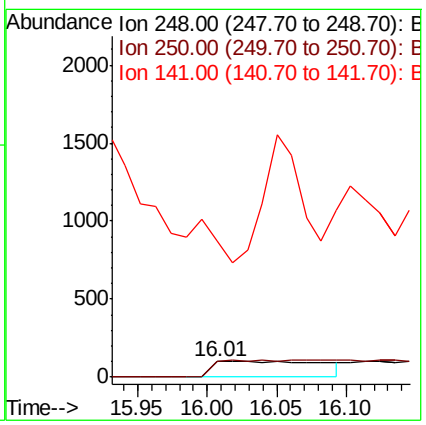


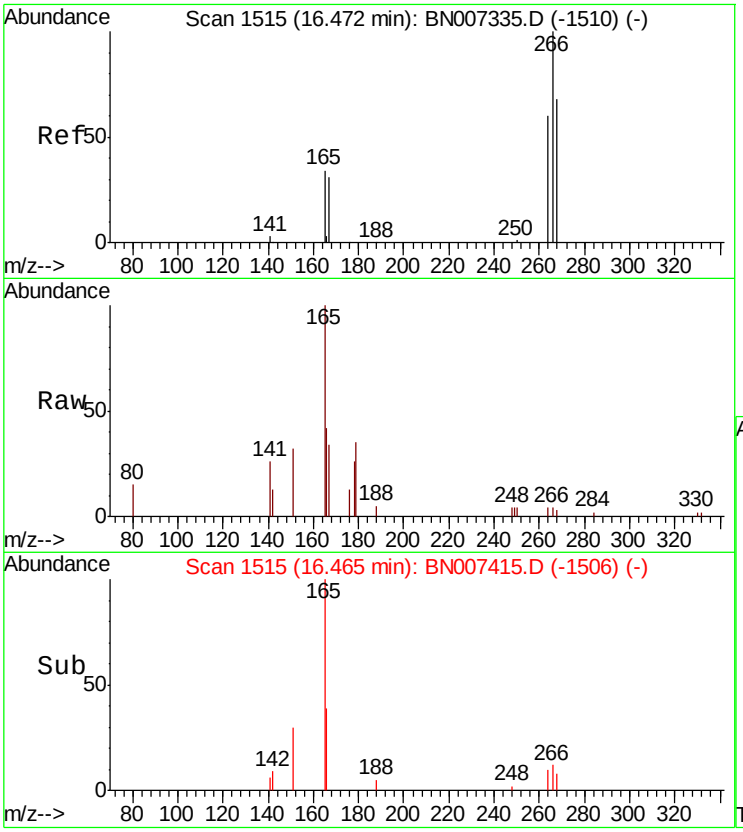


#20
4-Bromophenyl-phenylether
Concen: 0.073 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:248 Resp: 553

Ion	Ratio	Lower	Upper
248	100		
250	99.0	85.0	127.6
141	869.0	51.7	77.5#



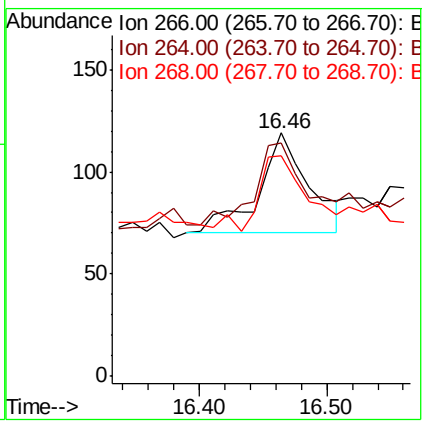


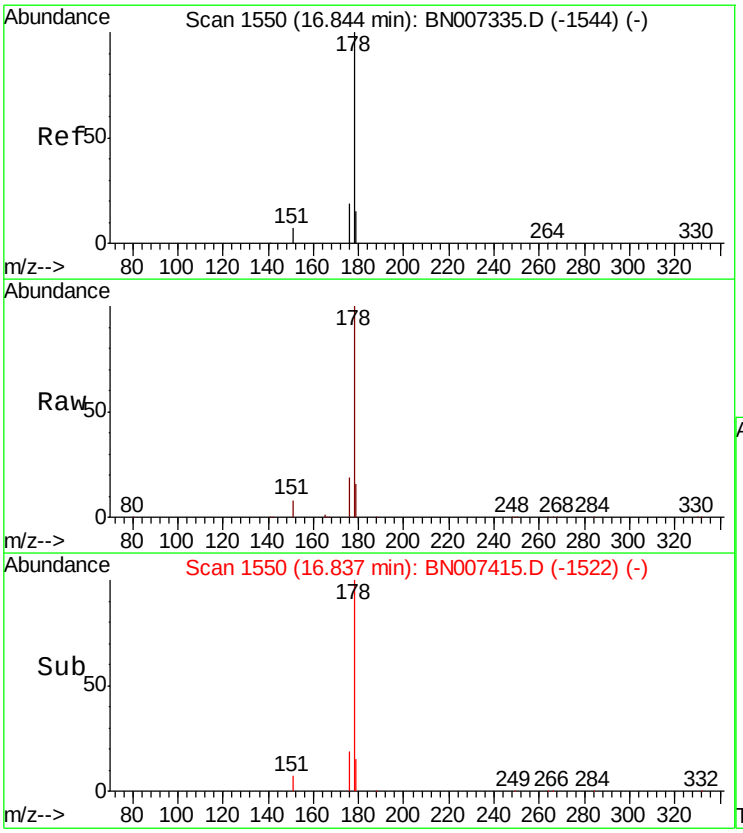
#22
Pentachlorophenol
Concen: 0.034 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion:266 Resp: 134

Ion	Ratio	Lower	Upper
266	100		
264	95.8	57.8	86.8#
268	90.8	99.7	149.5#

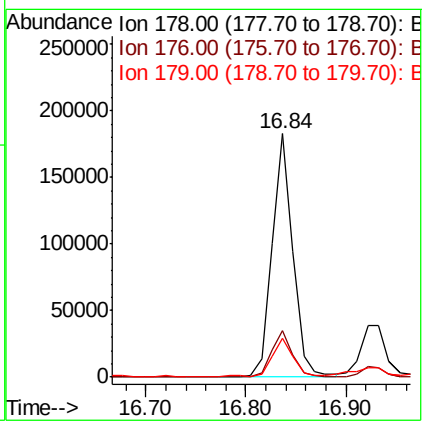


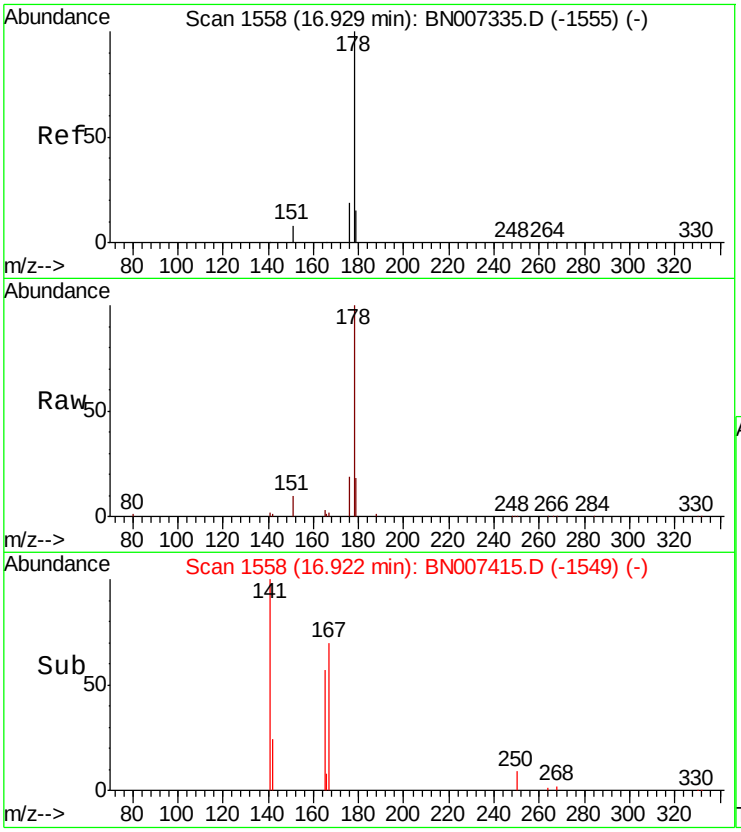


#23
Phenanthrene
Concen: 4.577 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:178 Resp: 263859

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.9	12.6	19.0



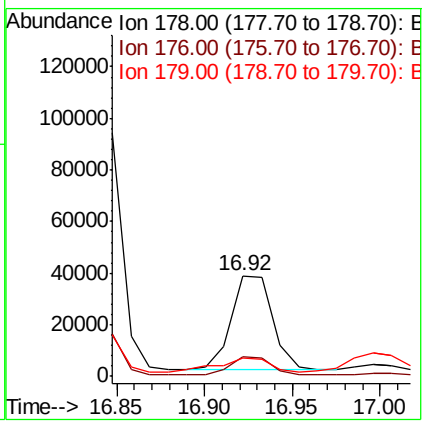


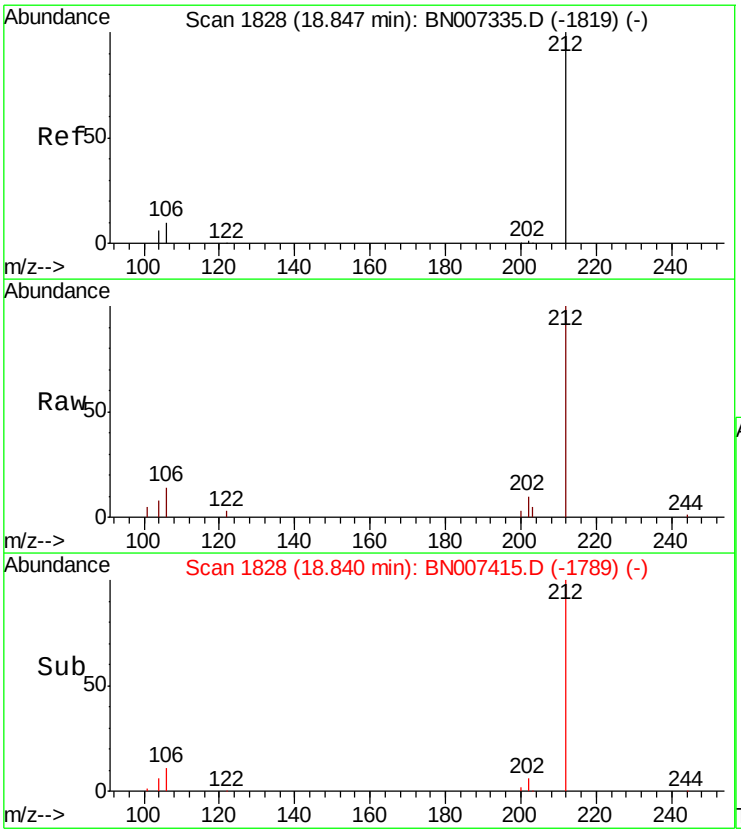
#24
Anthracene
Concen: 1.027 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion:178 Resp: 59574

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	19.9	12.4	18.6#

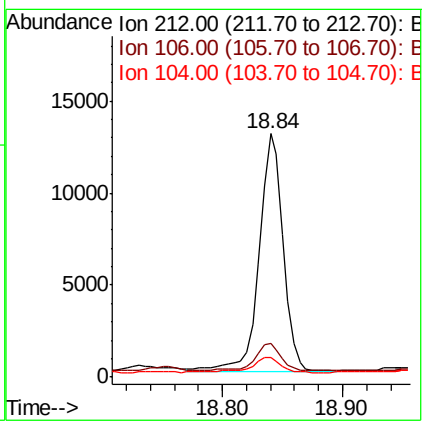


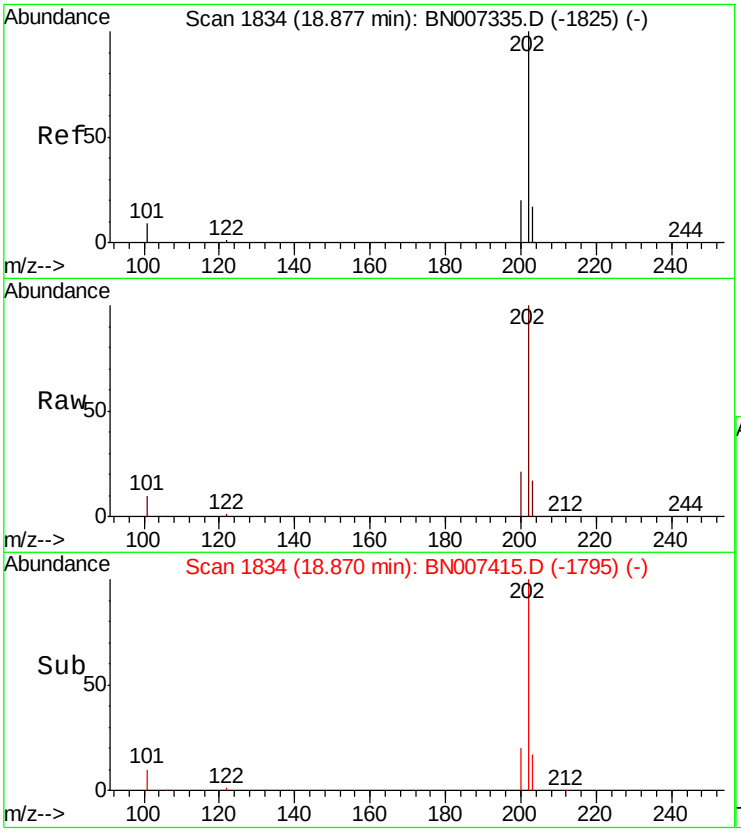


#25
Fluoranthene-d10
Concen: 0.291 ng
RT: 18.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:212 Resp: 17980

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.0	13.4
104	7.2	5.4	8.2



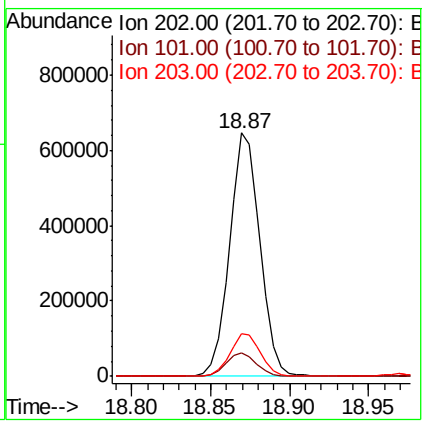


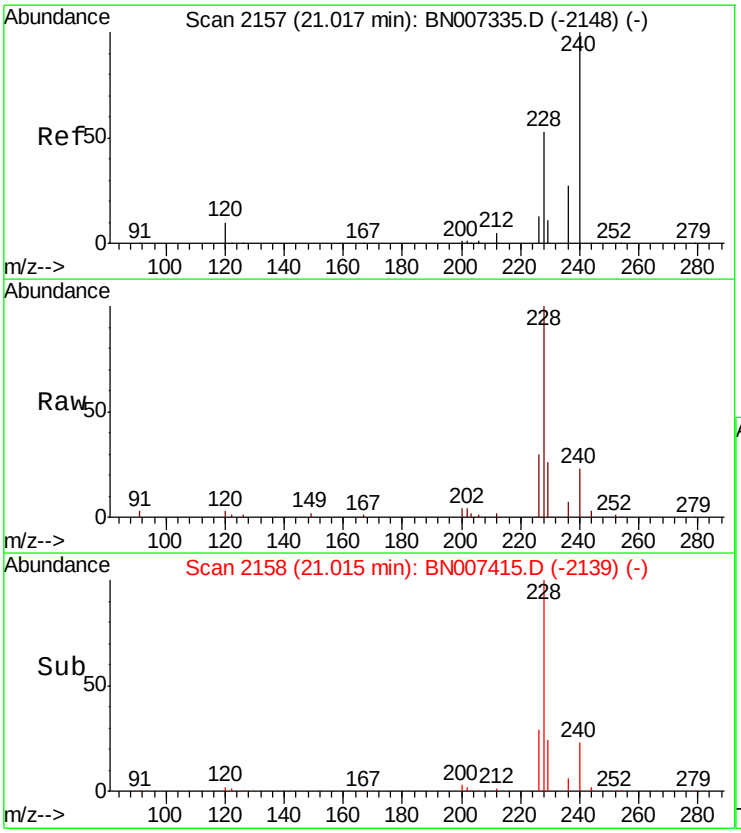
#26
Fluoranthene
Concen: 11.613 ng
RT: 18.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion:202 Resp: 859666

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.7	11.5
203	17.3	13.7	20.5

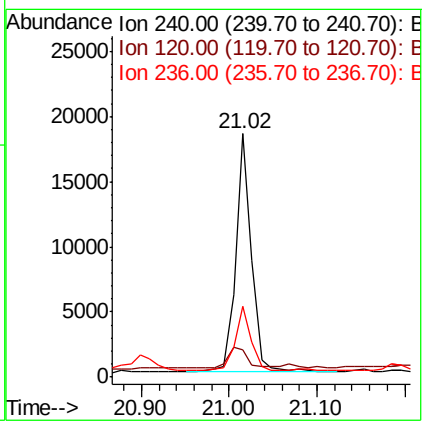


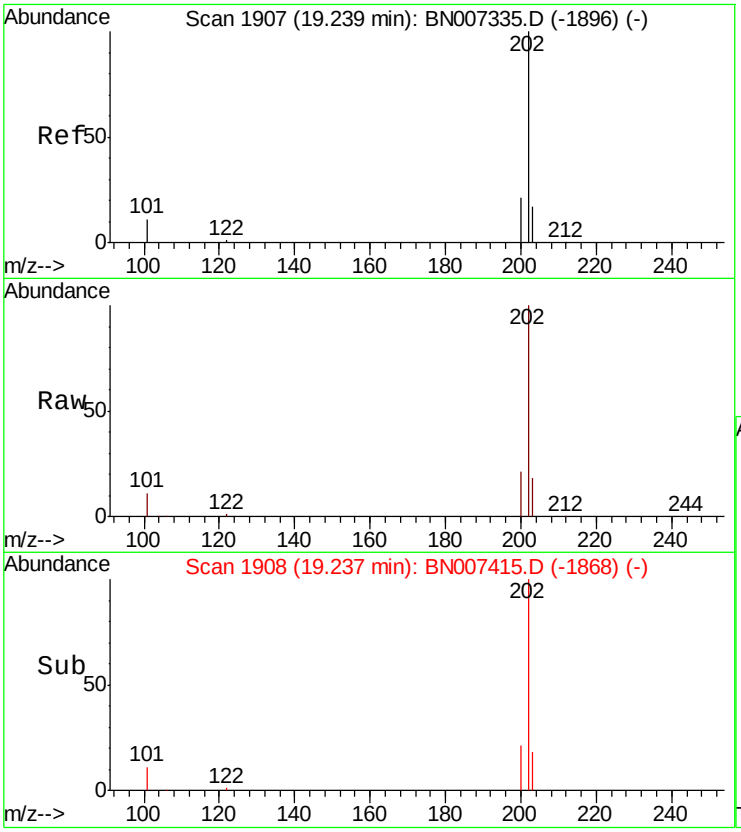


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:240 Resp: 22879

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.6	14.4
236	29.1	22.2	33.2



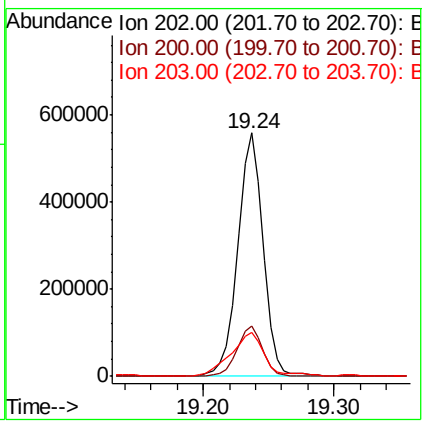


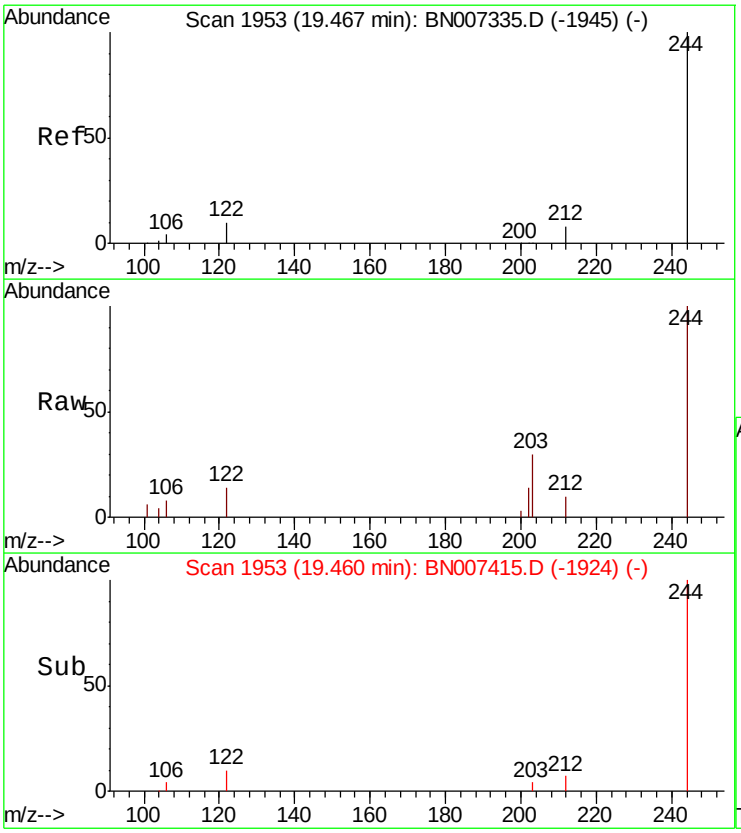
#28
Pyrene
Concen: 8.269 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion:202 Resp: 761017

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	22.9	14.2	21.4#

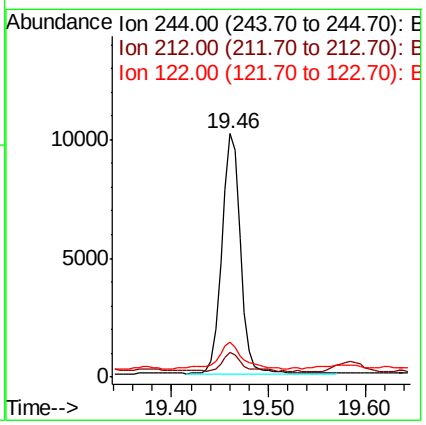


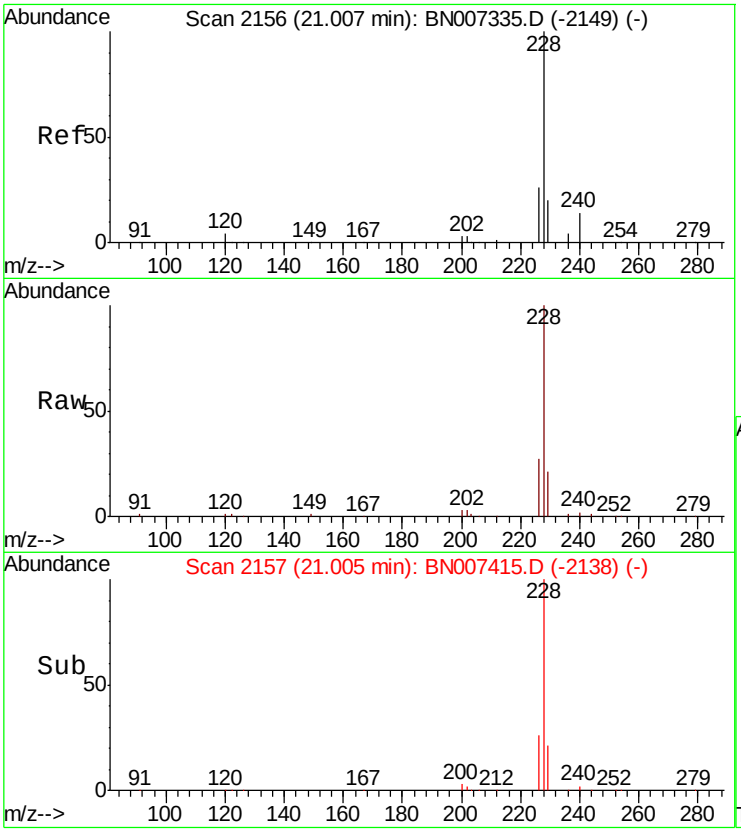


#29
Terphenyl-d14
Concen: 0.224 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:244 Resp: 13426

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.0	10.6
122	14.3	9.6	14.4



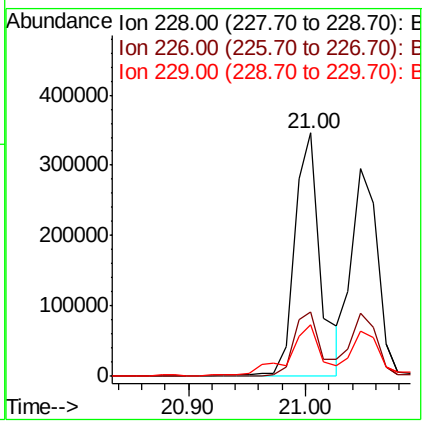


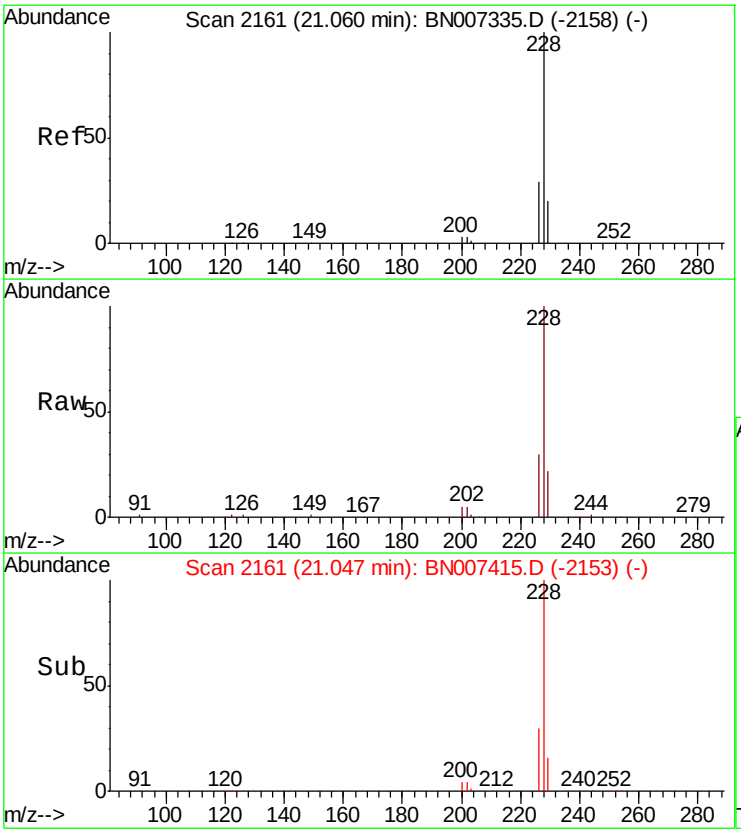
#30
Benzo(a)anthracene
Concen: 5.904 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion:228 Resp: 530523

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.3	31.9
229	21.3	16.1	24.1

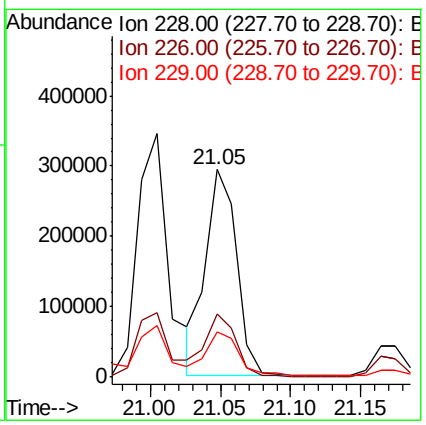


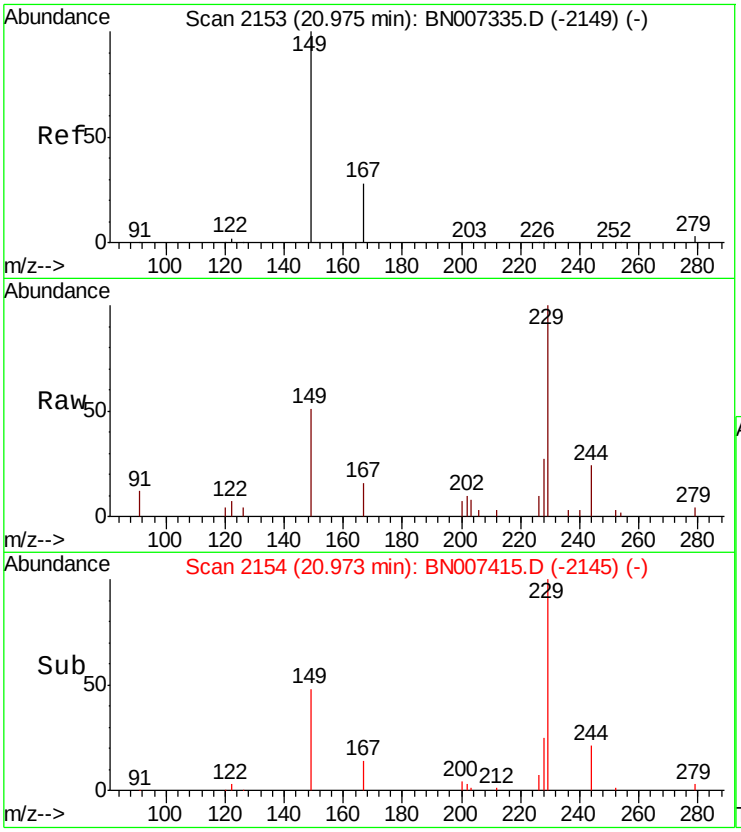


#31
Chrysene
Concen: 5.207 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:228 Resp: 451570

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.5	35.3
229	21.7	16.6	24.8



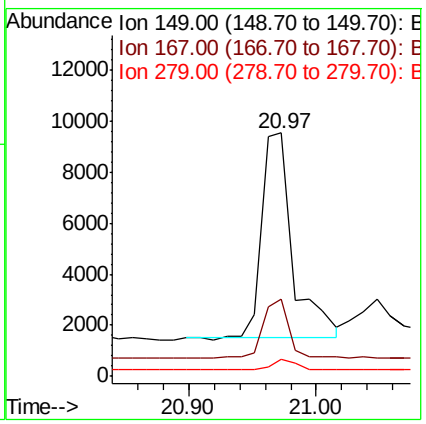


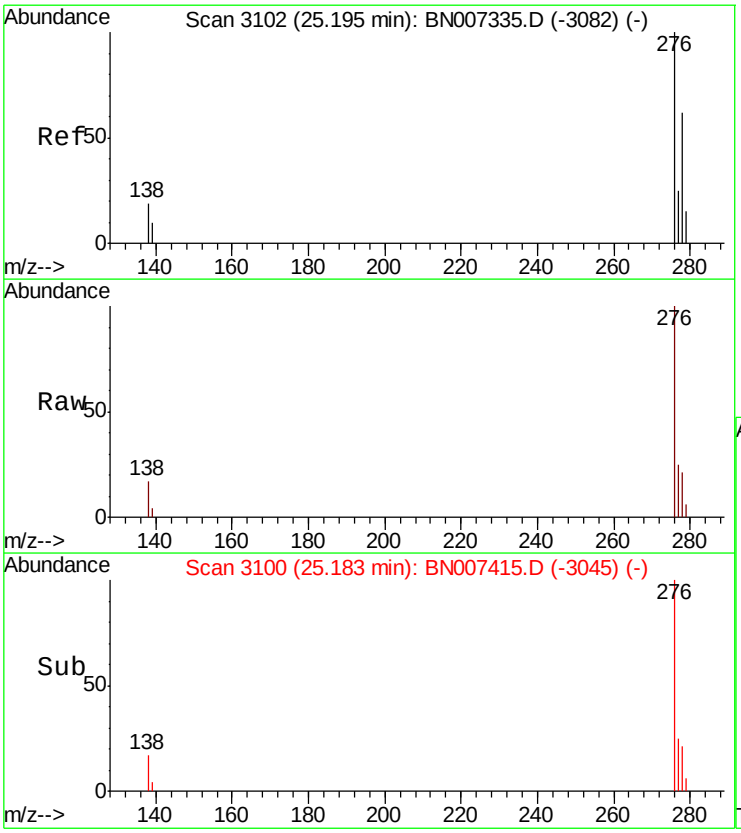
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.215 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion:149 Resp: 13613

Ion	Ratio	Lower	Upper
149	100		
167	25.9	22.8	34.2
279	4.9	3.5	5.3

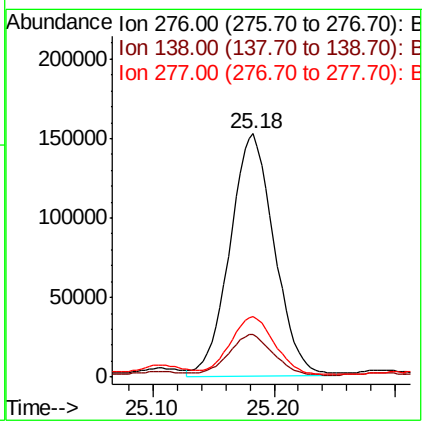


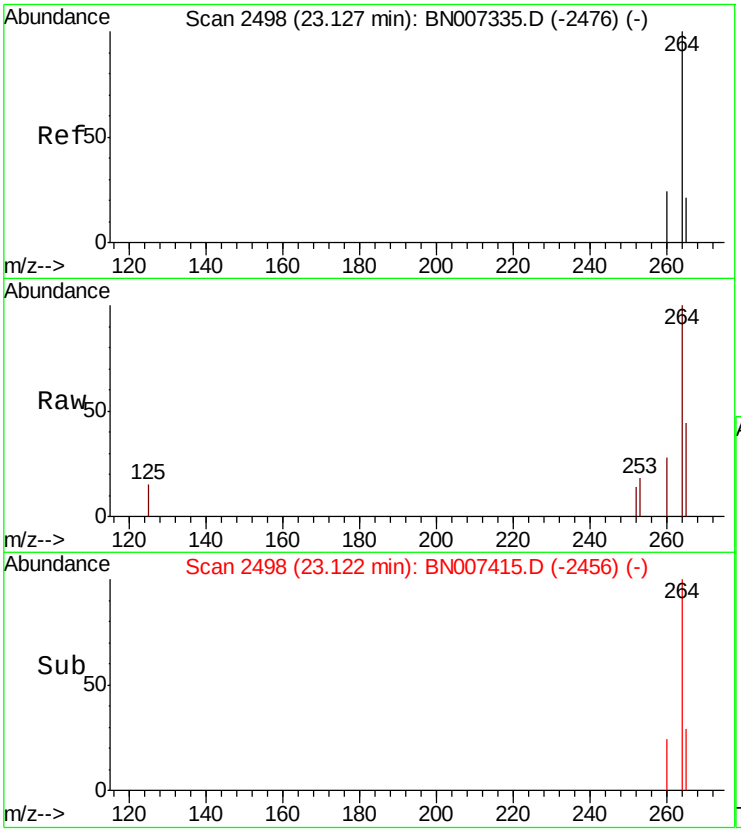


#33
Indeno(1,2,3-cd)pyrene
Concen: 3.726 ng
RT: 25.18 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:276 Resp: 389267

Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.1	22.7
277	25.0	19.7	29.5



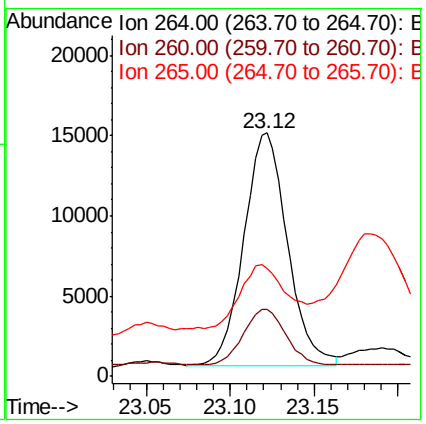


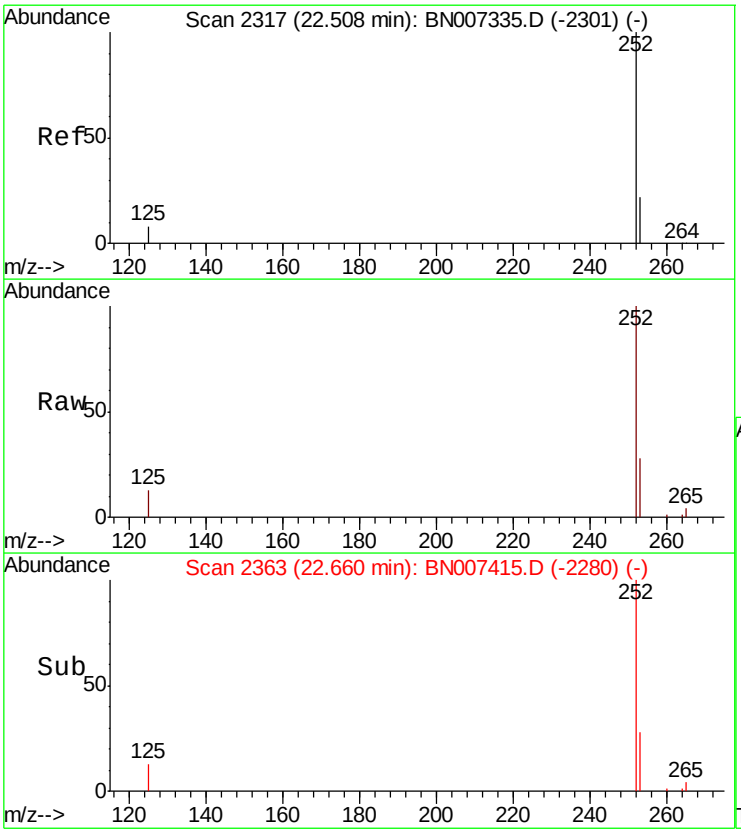
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion:264 Resp: 26506

Ion	Ratio	Lower	Upper
264	100		
260	27.6	19.7	29.5
265	44.2	29.9	44.9

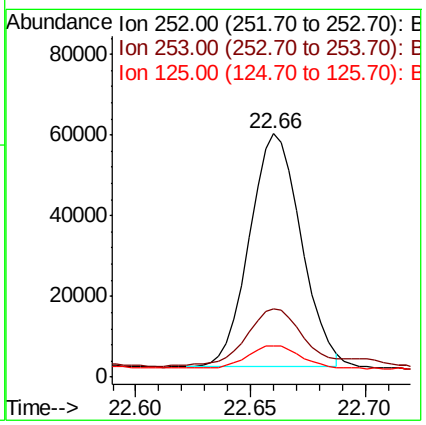


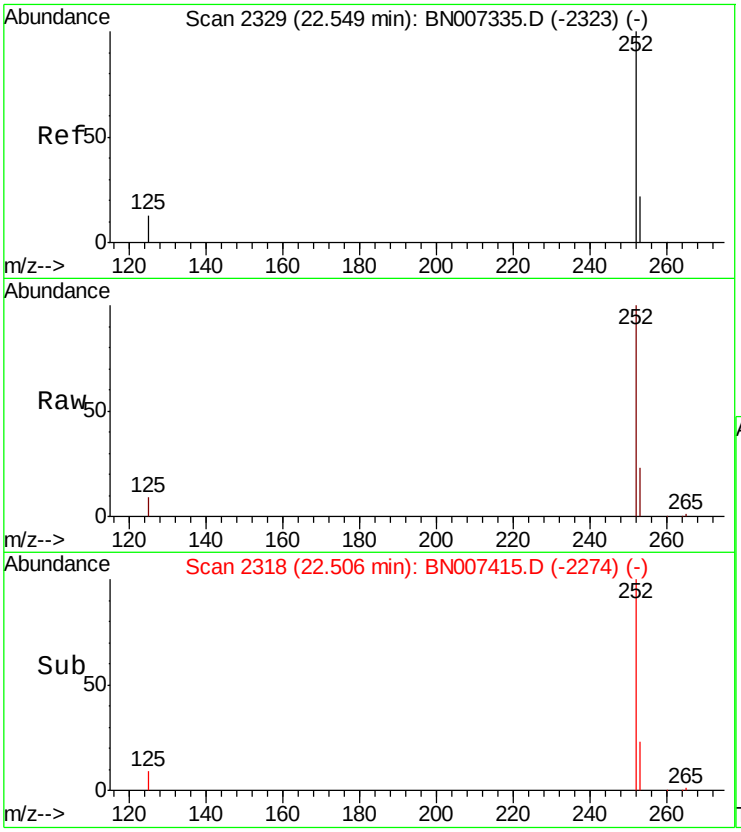


#35
Benzo(b)fluoranthene
Concen: 0.938 ng
RT: 22.66 min Scan# 2363
Delta R.T. 0.15 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:252 Resp: 90053

Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.2	28.8
125	13.0	10.6	16.0



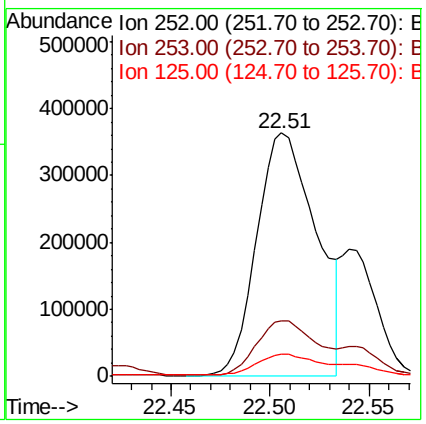


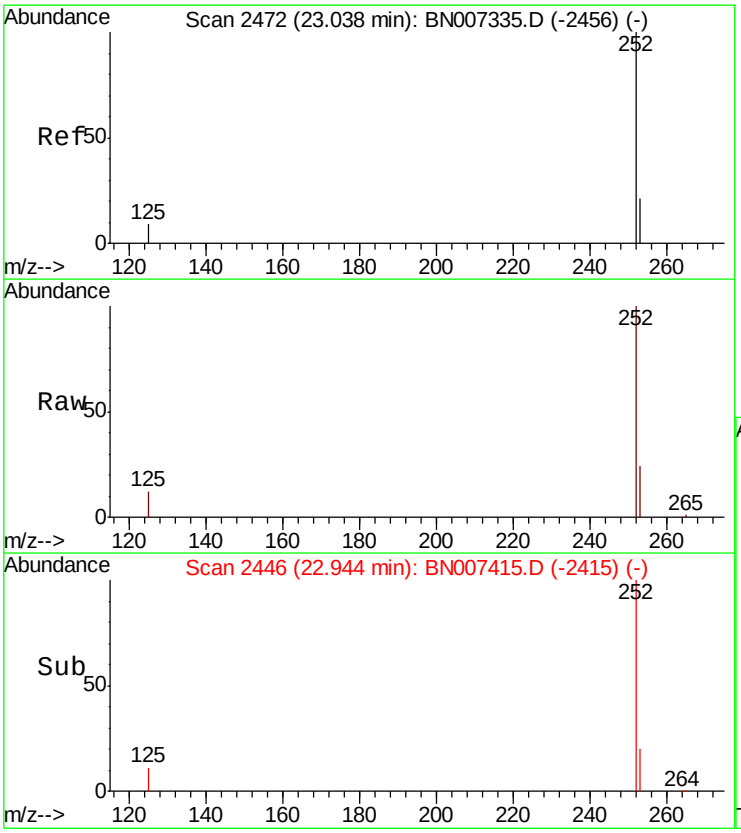
#36
Benzo(k)fluoranthene
Concen: 7.979 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.04 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion:252 Resp: 757337

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.4	29.2
125	8.9	13.1	19.7#

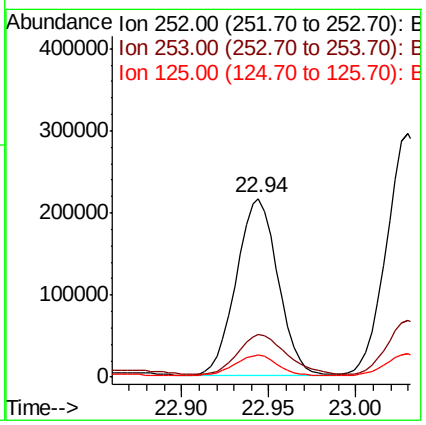


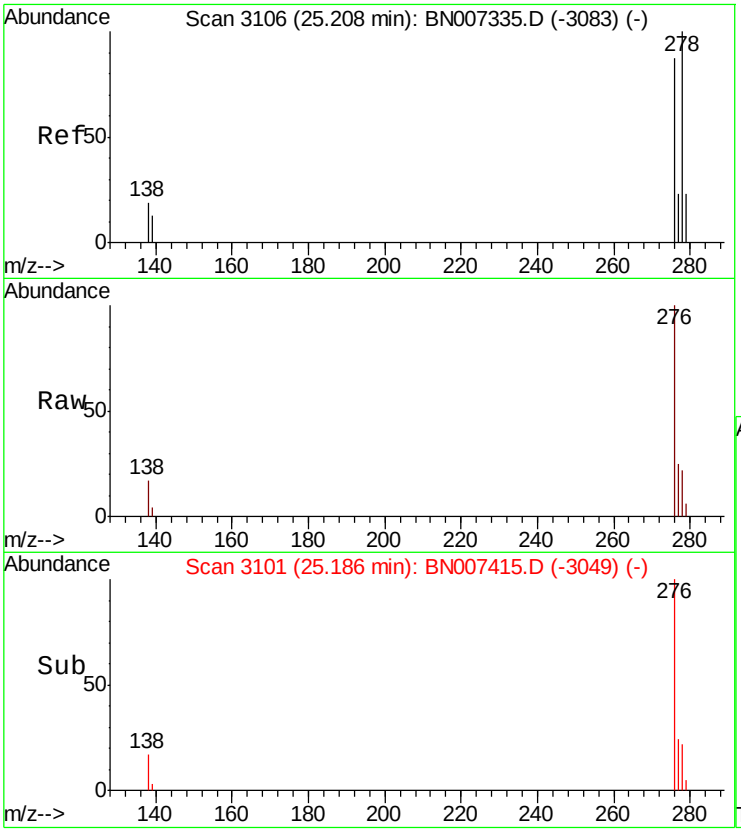


#37
Benzo(a)pyrene
Concen: 3.932 ng
RT: 22.94 min Scan# 2446
Delta R.T. -0.09 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:252 Resp: 359323

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.5	29.3
125	12.4	12.1	18.1



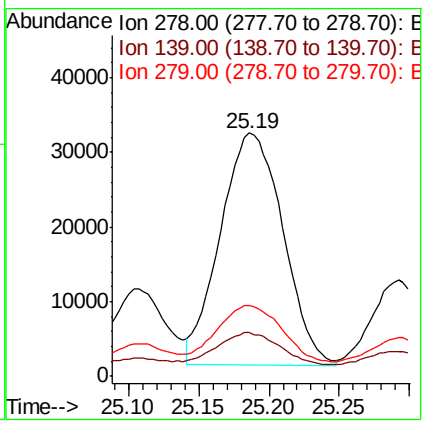


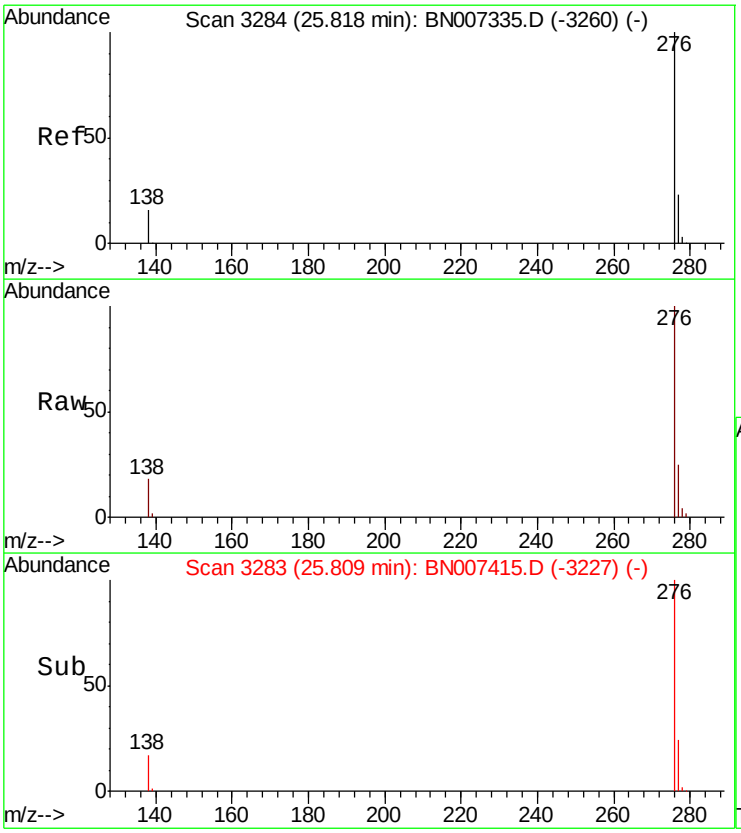
#38
Dibenzo(a,h)anthracene
Concen: 1.059 ng
RT: 25.19 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319

Tgt Ion:278 Resp: 96554

Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.7	20.5
279	28.8	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 4.119 ng
RT: 25.81 min Scan# 3283
Delta R.T. -0.01 min
Lab File: BN007415.D
Acq: 26 Aug 2019 18:25

Tgt Ion:276 Resp: 374195

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	17.6	16.3	24.5