Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\
Data File : BN007355.D
Acq On : 24 Aug 2019 08:14
Operator : HP/JU
Sample : K4239-17 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-034-SW092-080519DL

Quant Time: Aug 24 22:49:05 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	5950	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	25318	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	14354	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	31296	0.40	ng		0.00
27) Chrysene-d12	21.02	240	30209	0.40	ng		0.00
34) Perylene-d12	23.13	264	34587	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	560	-0.00	ng		0.00
5) Phenol-d6	6.59	99	699	-0.00	ng		0.00
8) Nitrobenzene-d5	8.53	82	616	0.03	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	1055	0.03	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	183	0.02	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	1396	0.02	ng		0.00
25) Fluoranthene-d10	18.84	212	2501	0.02	ng		0.00
29) Terphenyl-d14	19.46	244	1988	0.03	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.20	128	3855	0.053	ng	#	94
12) 2-Methylnaphthalene	11.83	142	5040	0.102	ng		99
16) Acenaphthylene	13.76	152	19033	0.224	ng	#	96
17) Acenaphthene	14.11	154	8202	0.165	ng		95
18) Fluorene	15.10	166	14888	0.237	ng	#	85
23) Phenanthrene	16.84	178	408692	4.341	ng		99
24) Anthracene	16.93	178	52418	0.554	ng		98
26) Fluoranthene	18.87	202	392626	3.248	ng		98
28) Pyrene	19.24	202	695459	5.723	ng		97
30) Benzo(a)anthracene	21.00	228	289655	2.441	ng		96
31) Chrysene	21.06	228	299760	2.618	ng		99
33) Indeno(1,2,3-cd)pyrene	25.19	276	98929	0.717	ng		97
35) Benzo(b)fluoranthene	22.67	252	27056	0.216	ng		95
36) Benzo(k)fluoranthene	22.67	252	27230	0.220	ng		94
37) Benzo(a)pyrene	23.17	252	30545	0.256	ng		96
38) Dibenzo(a,h)anthracene	25.19	278	34026	0.286	ng	#	92
39) Benzo(g,h,i)perylene	25.81	276	121457	1.024	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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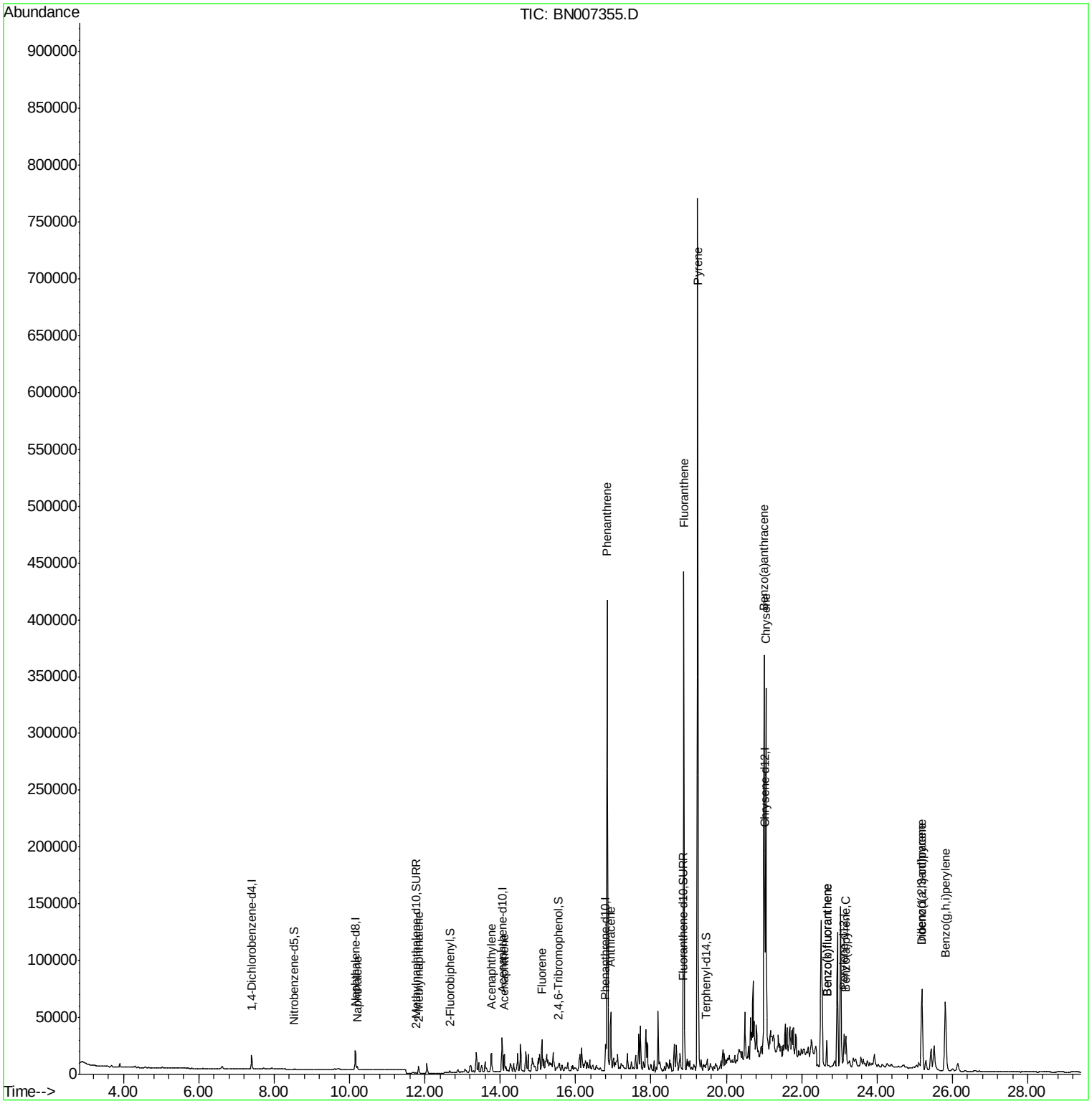
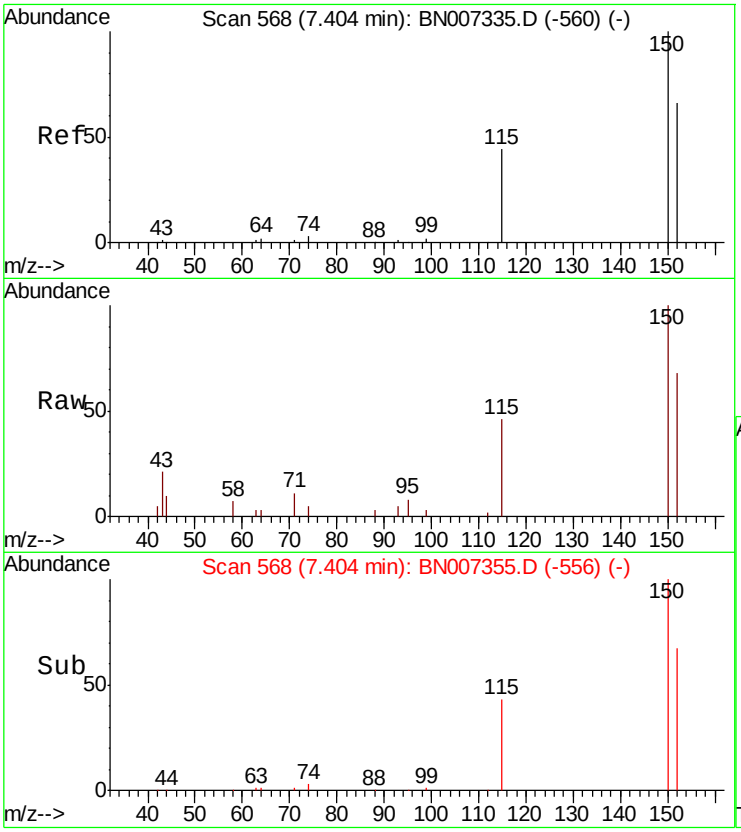


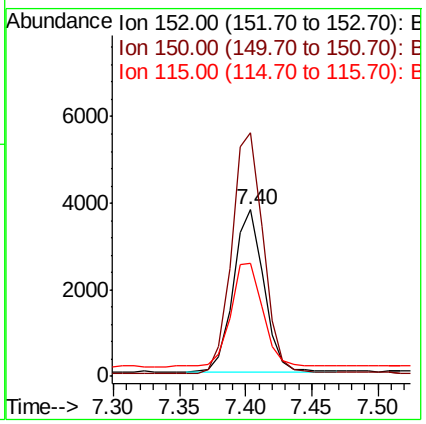


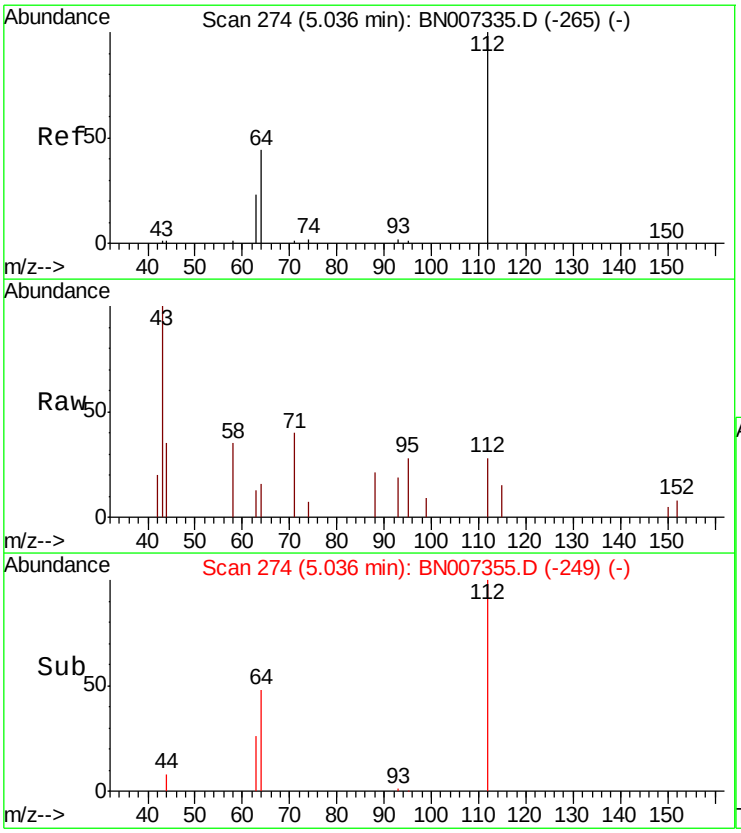
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW092-080519DL

Tgt Ion:152 Resp: 5950

Ion	Ratio	Lower	Upper
152	100		
150	146.2	109.1	163.7
115	68.0	59.6	89.4

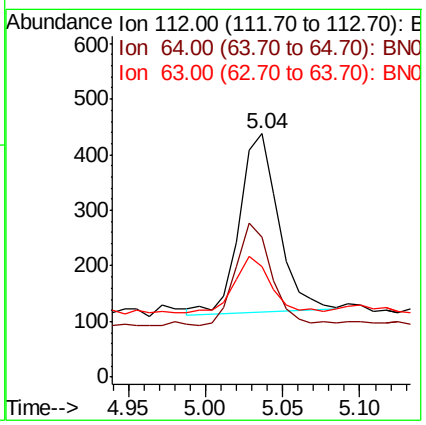


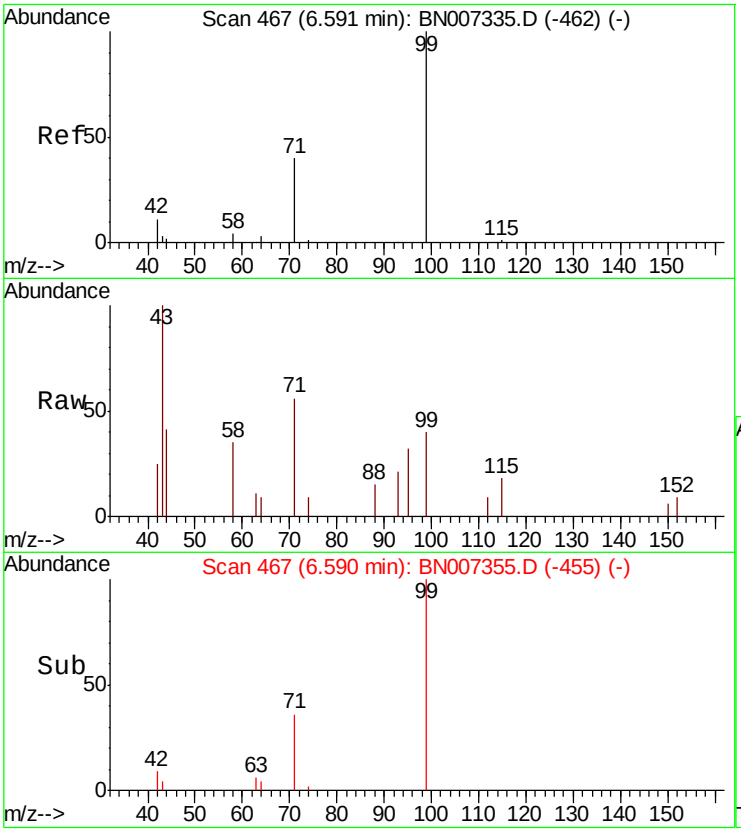


#4
2-Fluorophenol
Concen: -0.001 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Tgt Ion:112 Resp: 560

Ion	Ratio	Lower	Upper
112	100		
64	54.5	42.3	63.5
63	30.9	23.6	35.4



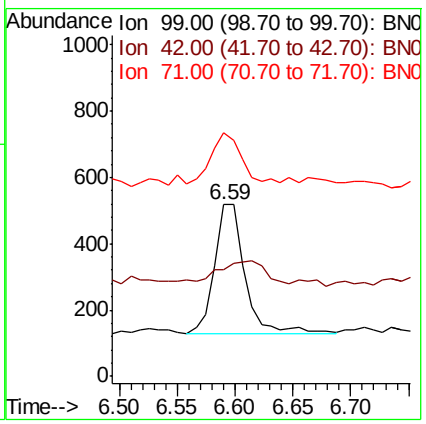


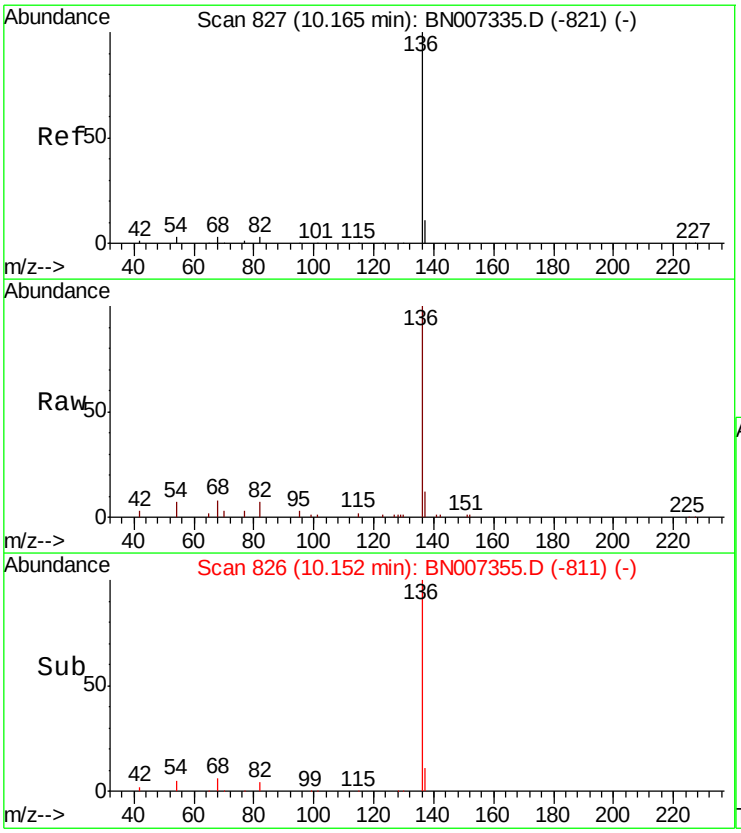
#5
Phenol-d6
Concen: -0.004 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW092-080519DL

Tgt Ion: 99 Resp: 699

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.2	16.8#
71	45.1	31.8	47.8

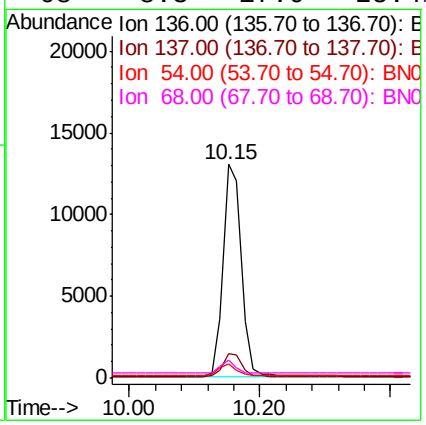


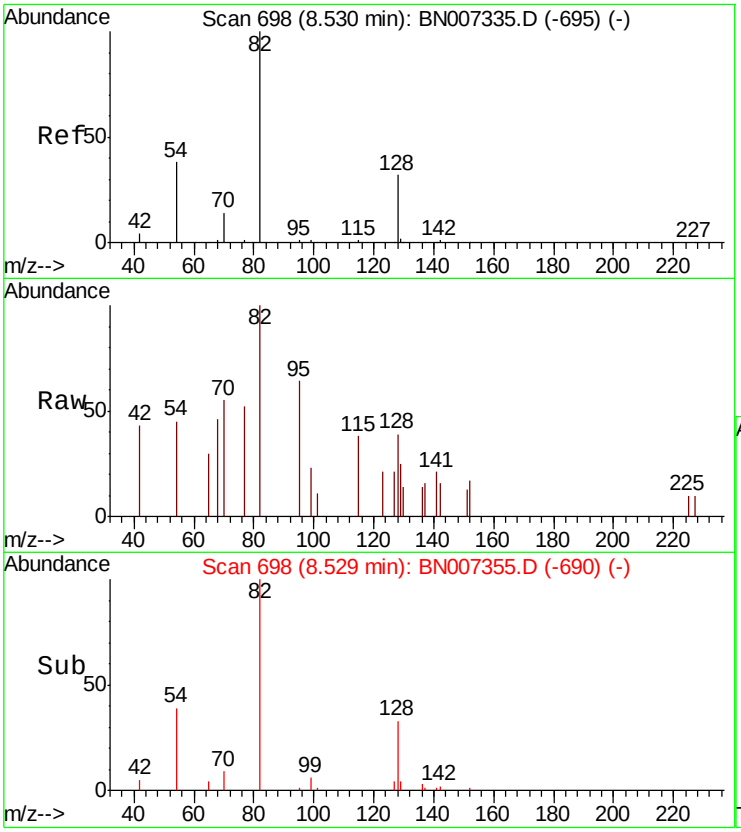


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Tgt Ion:136 Resp: 25318

Ion	Ratio	Lower	Upper
136	100		
137	11.5	12.9	19.3#
54	6.5	8.6	12.8#
68	8.3	17.0	25.4#



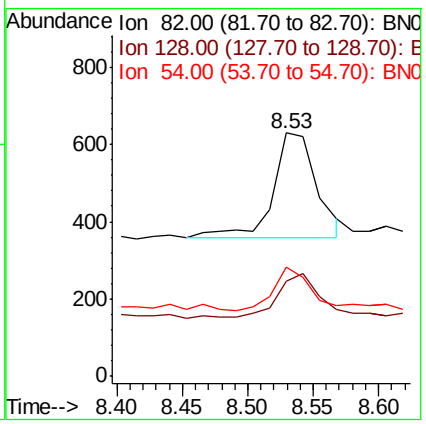


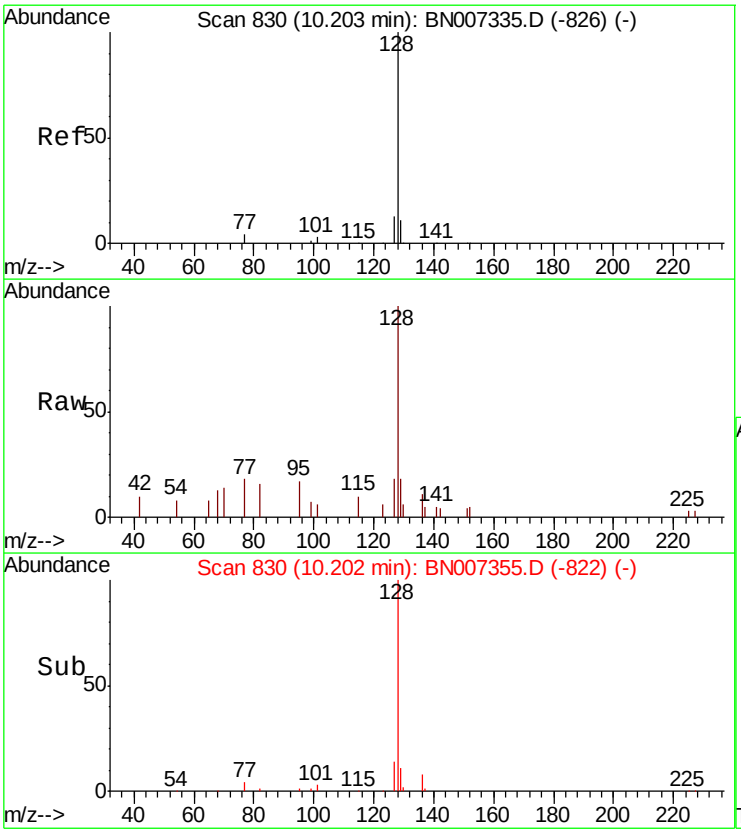
#8
Nitrobenzene-d5
Concen: 0.028 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW092-080519DL

Tgt Ion: 82 Resp: 616

Ion	Ratio	Lower	Upper
82	100		
128	38.9	19.7	29.5#
54	44.6	25.8	38.6#

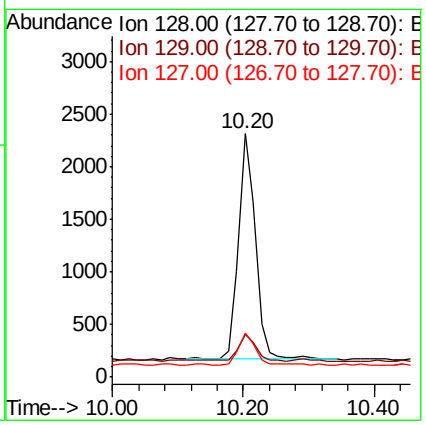


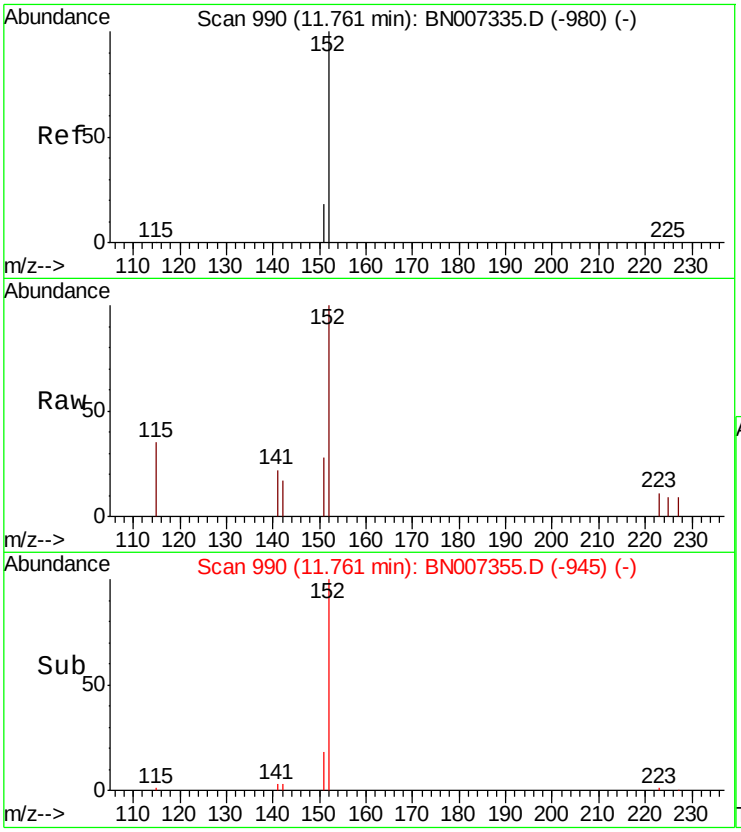


#9
Naphthalene
Concen: 0.053 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Tgt Ion:128 Resp: 3855

Ion	Ratio	Lower	Upper
128	100		
129	17.7	11.1	16.7#
127	18.0	15.5	23.3



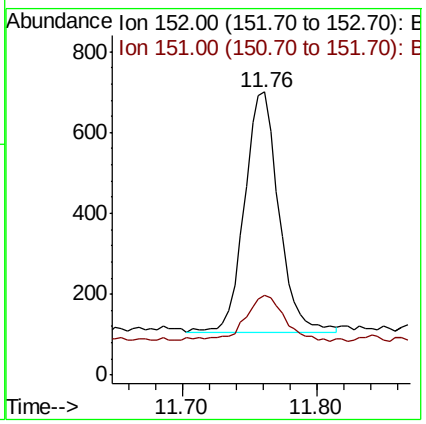


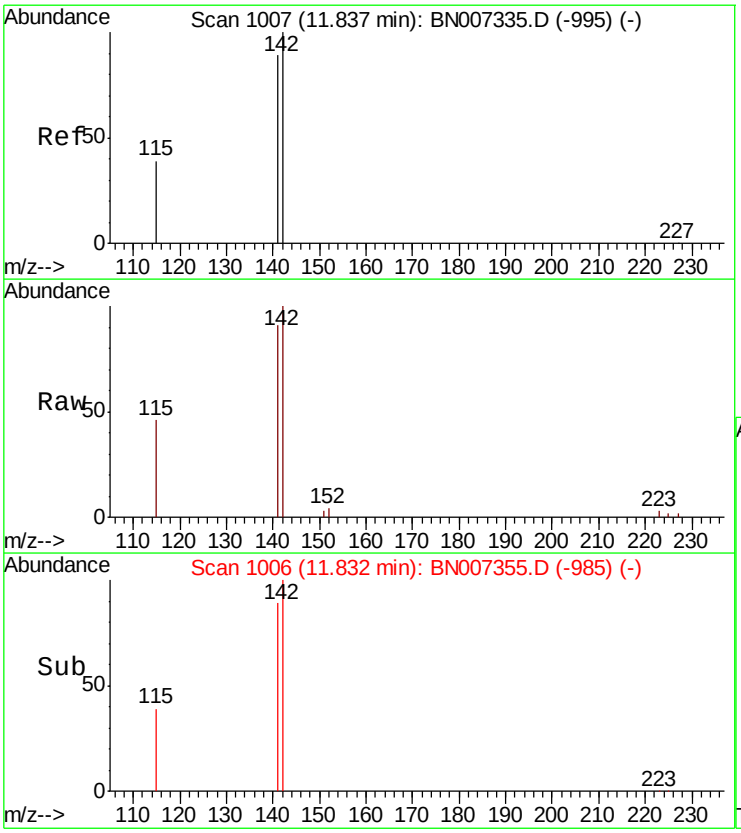
#11
2-Methylnaphthalene-d10
Concen: 0.025 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW092-080519DL

Tgt Ion:152 Resp: 1055

Ion	Ratio	Lower	Upper
152	100		
151	23.1	16.2	24.2

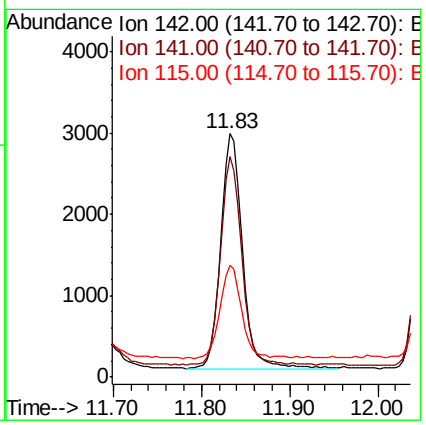


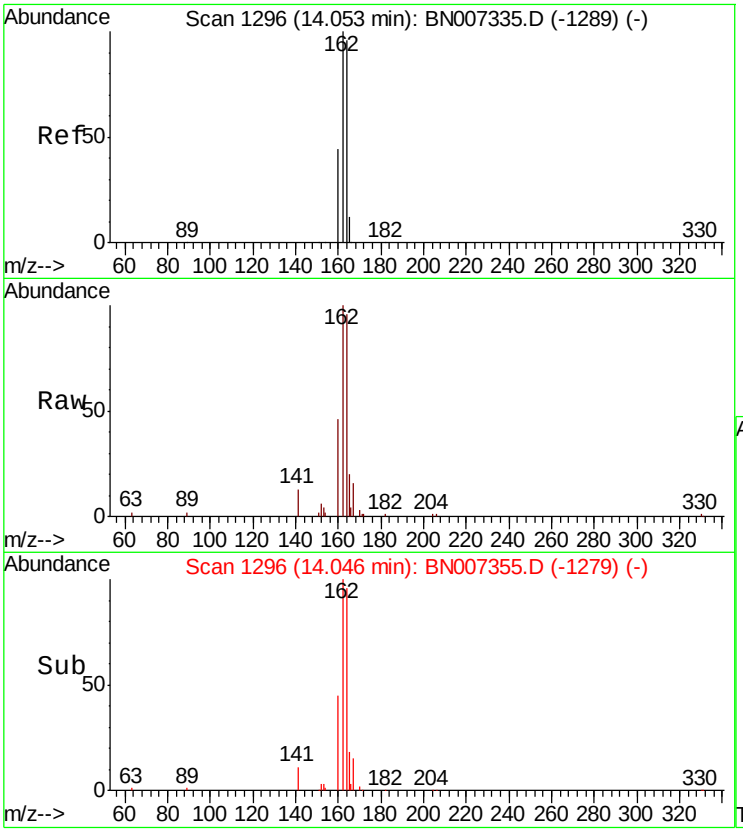


#12
2-Methylnaphthalene
Concen: 0.102 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Tgt Ion:142 Resp: 5040

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.8	109.2
115	46.0	35.2	52.8



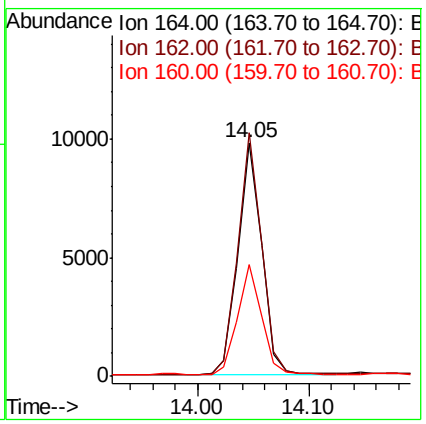


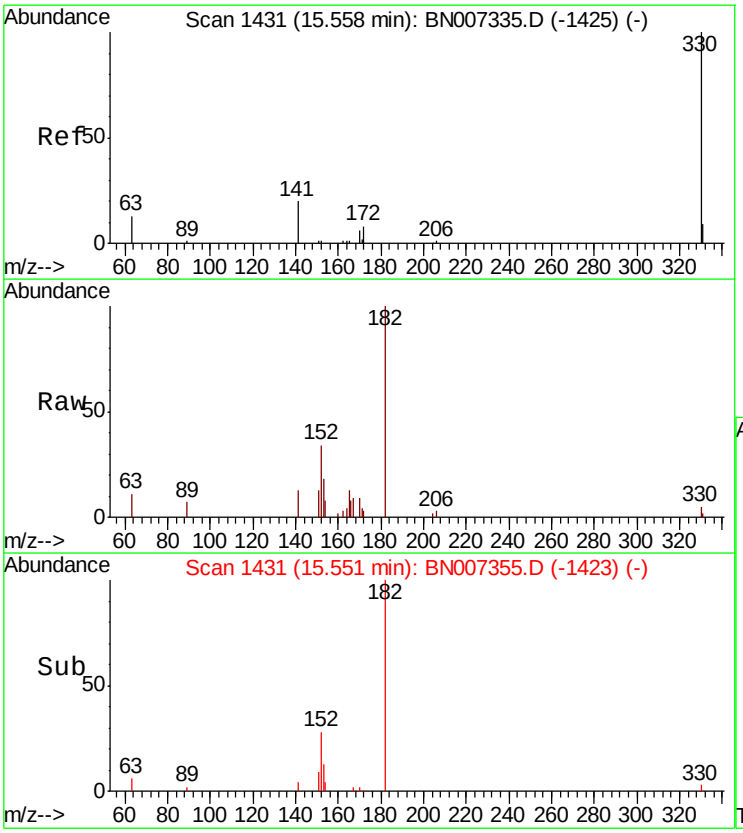
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW092-080519DL

Tgt Ion:164 Resp: 14354

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.5	125.3
160	47.7	38.2	57.4

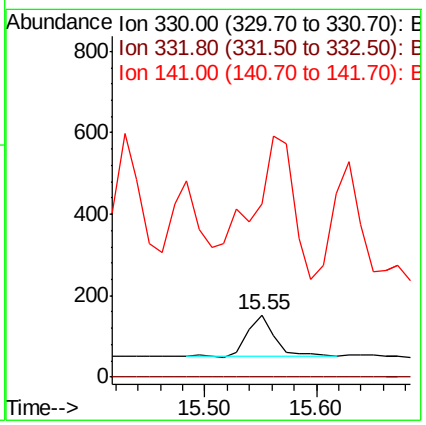


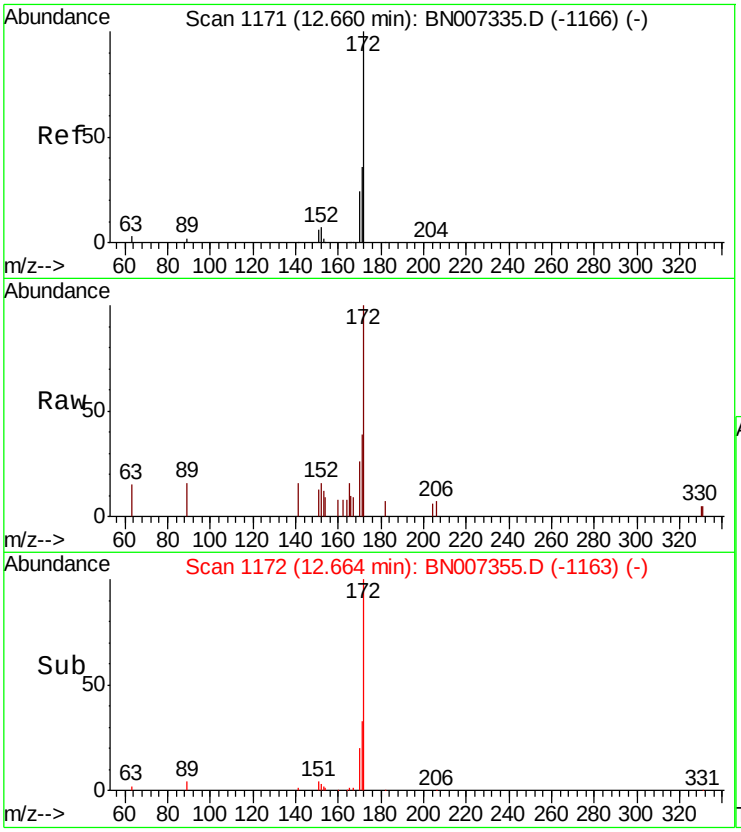


#14
2,4,6-Tribromophenol
Concen: 0.024 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Tgt Ion:330 Resp: 183

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	500.0	26.9	40.3#



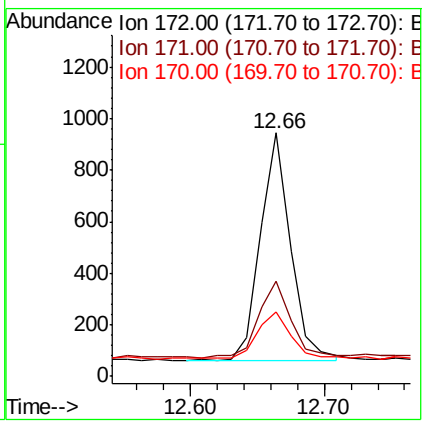


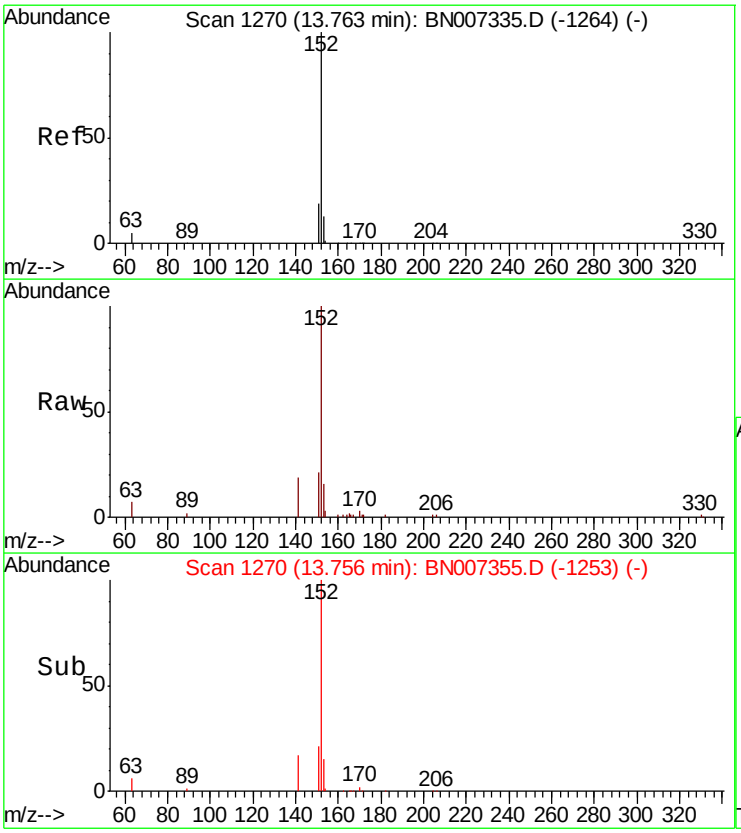
#15
2-Fluorobiphenyl
Concen: 0.024 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW092-080519DL

Tgt Ion:172 Resp: 1396

Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.3	45.5
170	26.4	20.7	31.1

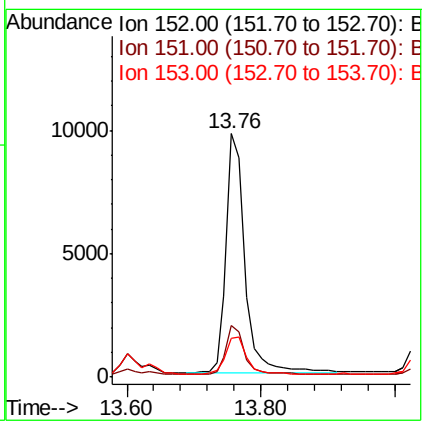


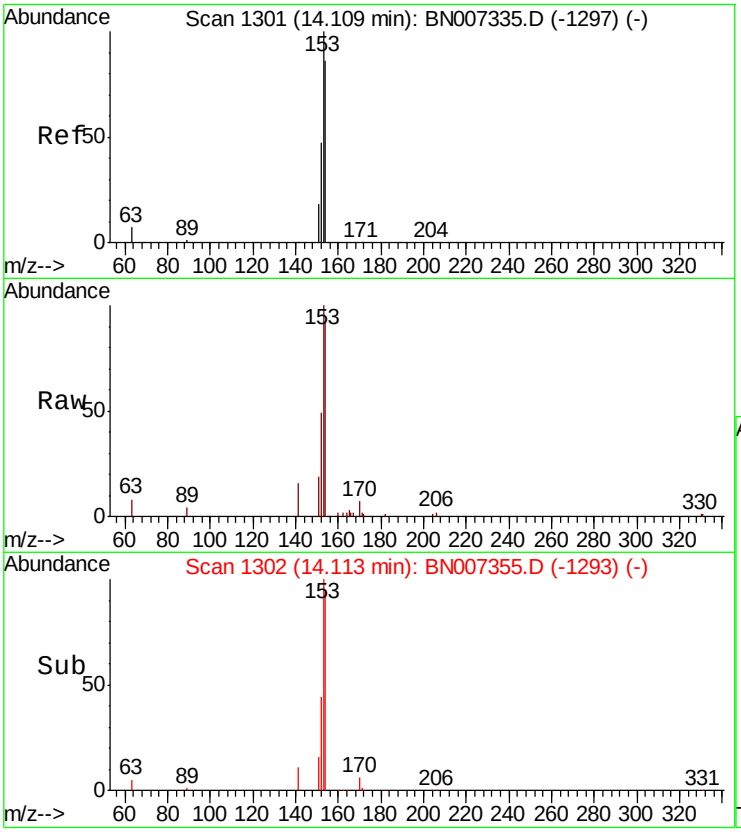


#16
Acenaphthylene
Concen: 0.224 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Tgt Ion:152 Resp: 19033

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	17.1	10.6	15.8#



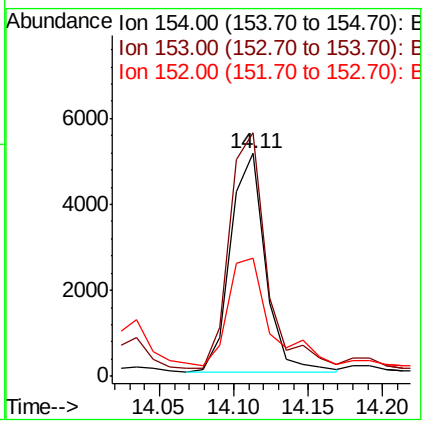


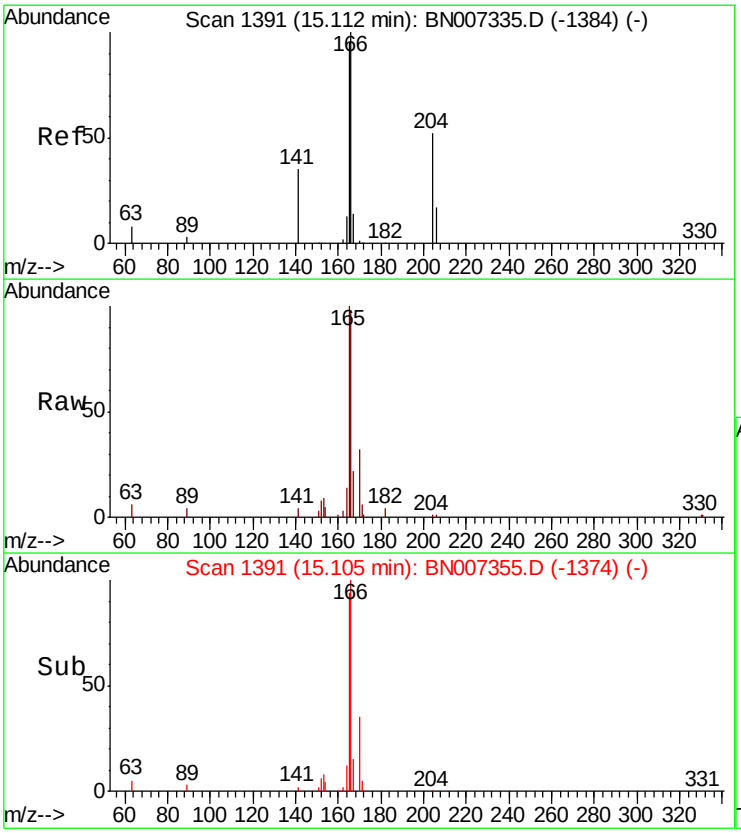
#17
Acenaphthene
Concen: 0.165 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW092-080519DL

Tgt Ion:154 Resp: 8202

Ion	Ratio	Lower	Upper
154	100		
153	116.6	92.8	139.2
152	64.5	43.8	65.8

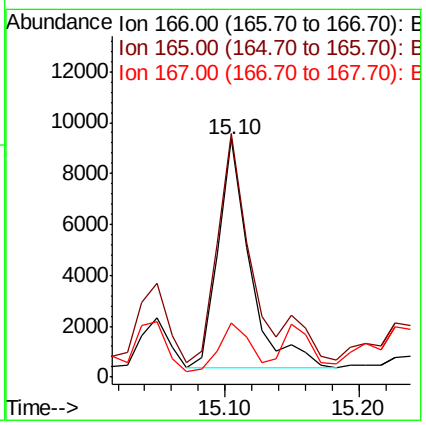


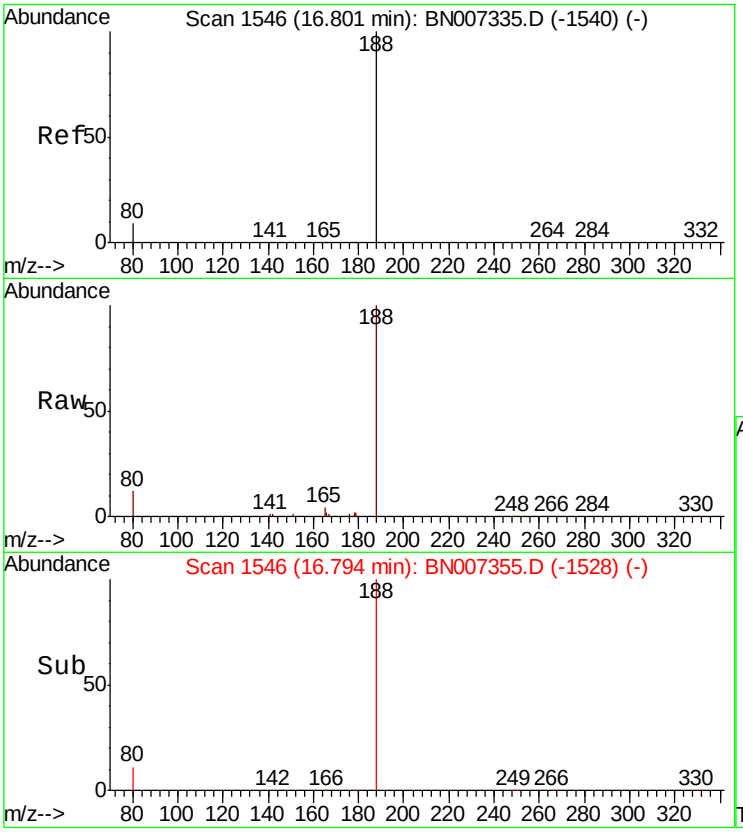


#18
Fluorene
Concen: 0.237 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Tgt Ion:166 Resp: 14888

Ion	Ratio	Lower	Upper
166	100		
165	112.7	79.0	118.4
167	20.3	10.6	15.8#



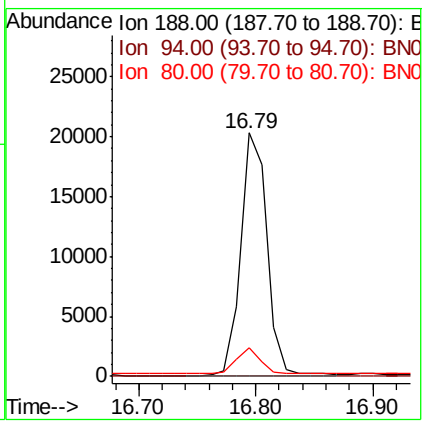


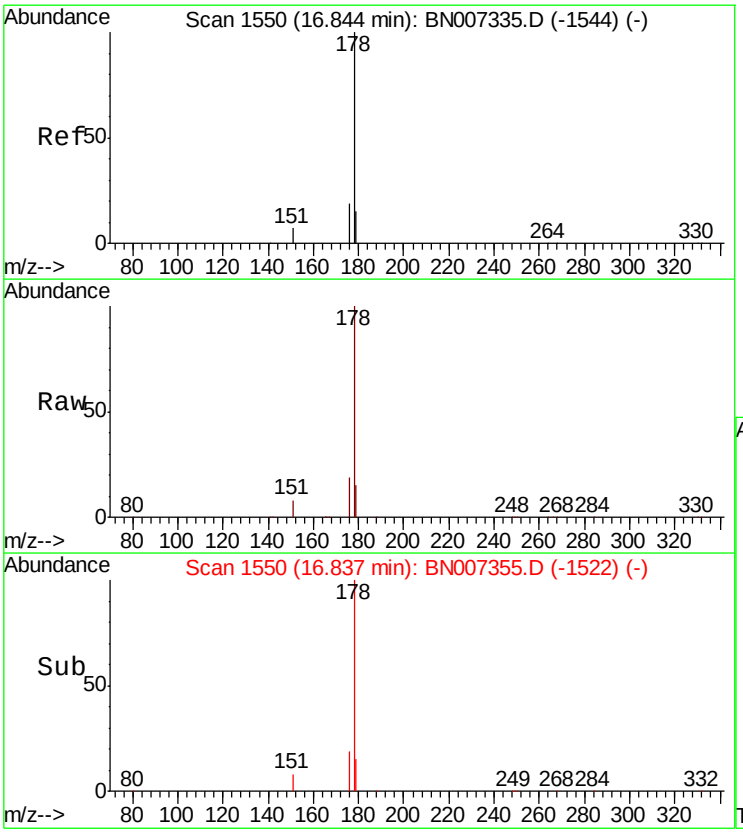
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW092-080519DL

Tgt Ion:188 Resp: 31296

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

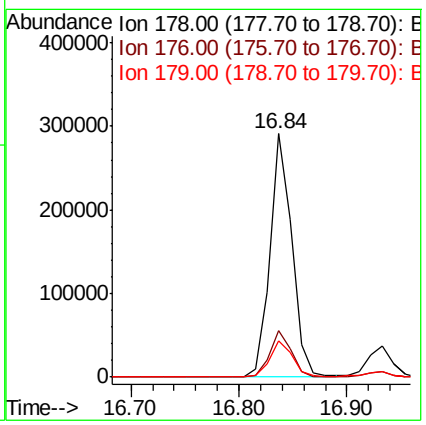


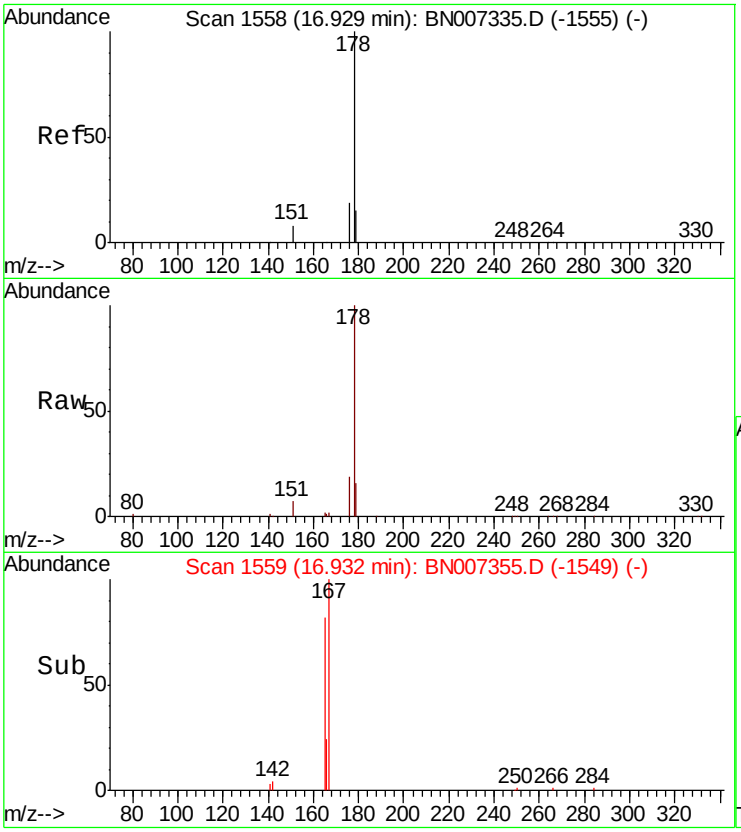


#23
Phenanthrene
Concen: 4.341 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Tgt Ion:178 Resp: 408692

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.5	12.6	19.0



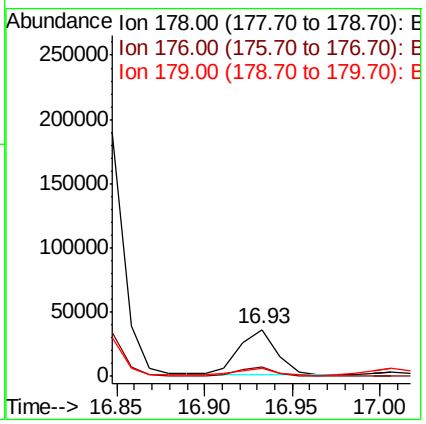


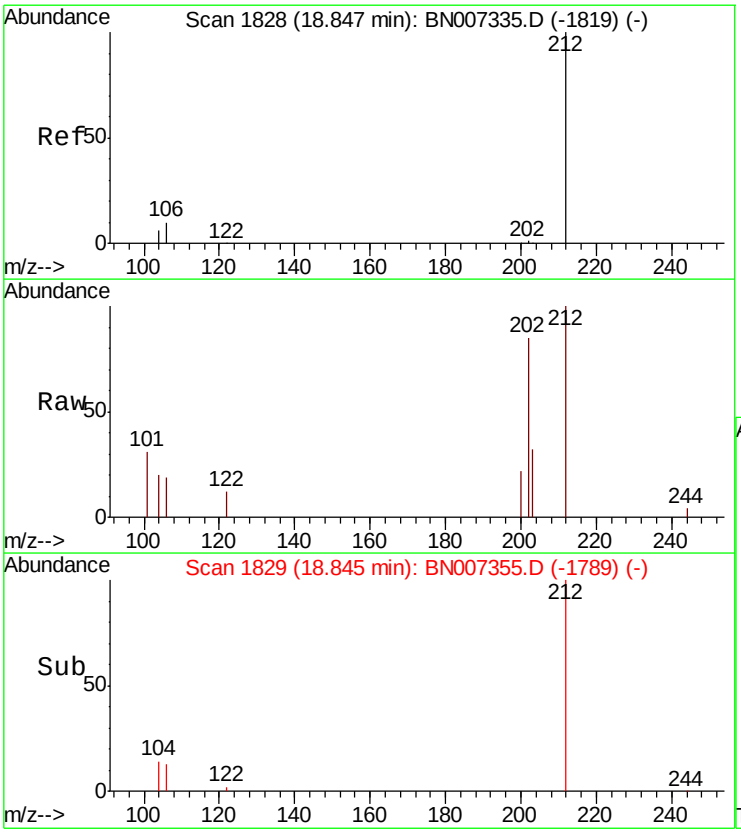
#24
Anthracene
Concen: 0.554 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW092-080519DL

Tgt Ion:178 Resp: 52418

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

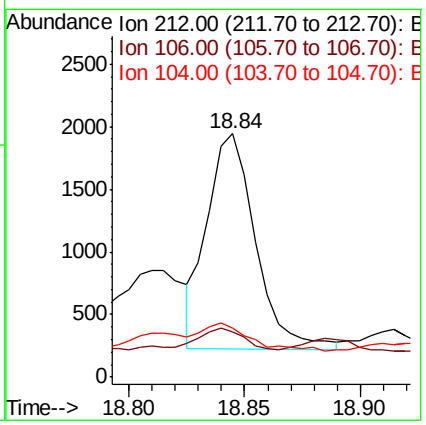


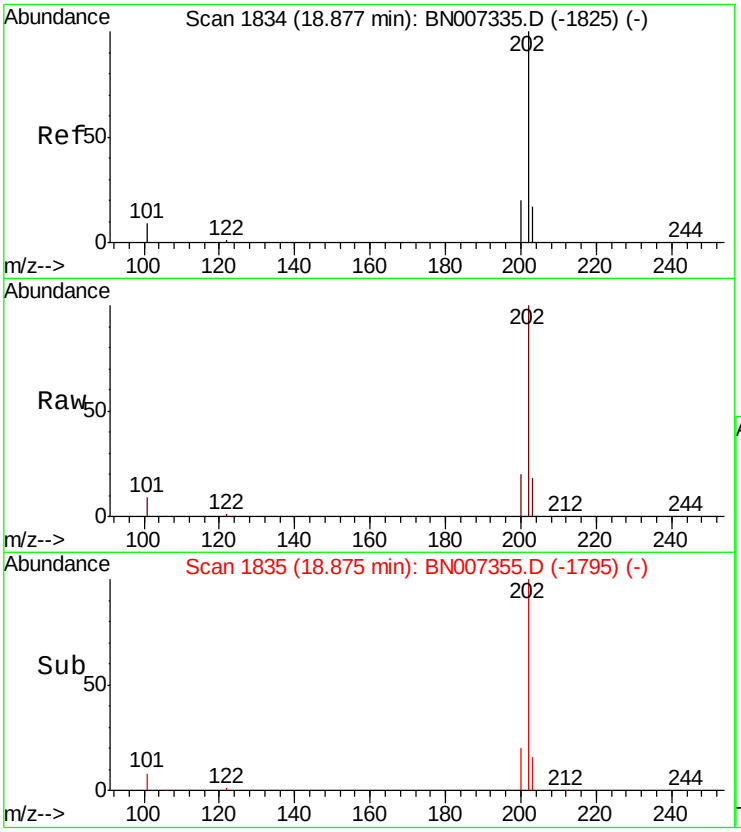


#25
Fluoranthene-d10
Concen: 0.025 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Tgt Ion:212 Resp: 2501

Ion	Ratio	Lower	Upper
212	100		
106	10.2	9.0	13.4
104	13.0	5.4	8.2#



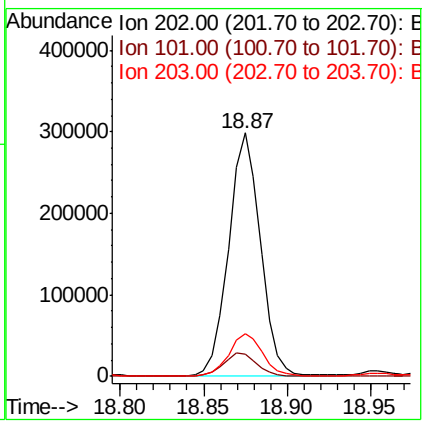


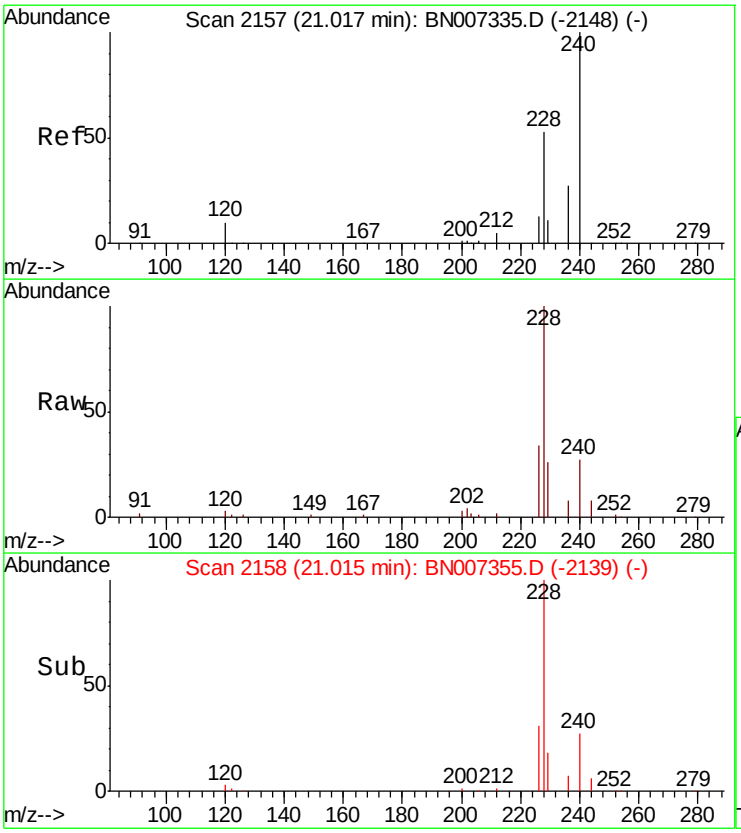
#26
Fluoranthene
Concen: 3.248 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW092-080519DL

Tgt Ion:202 Resp: 392626

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.7	11.5
203	18.1	13.7	20.5

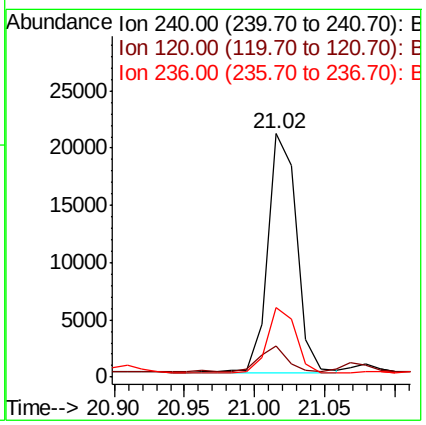


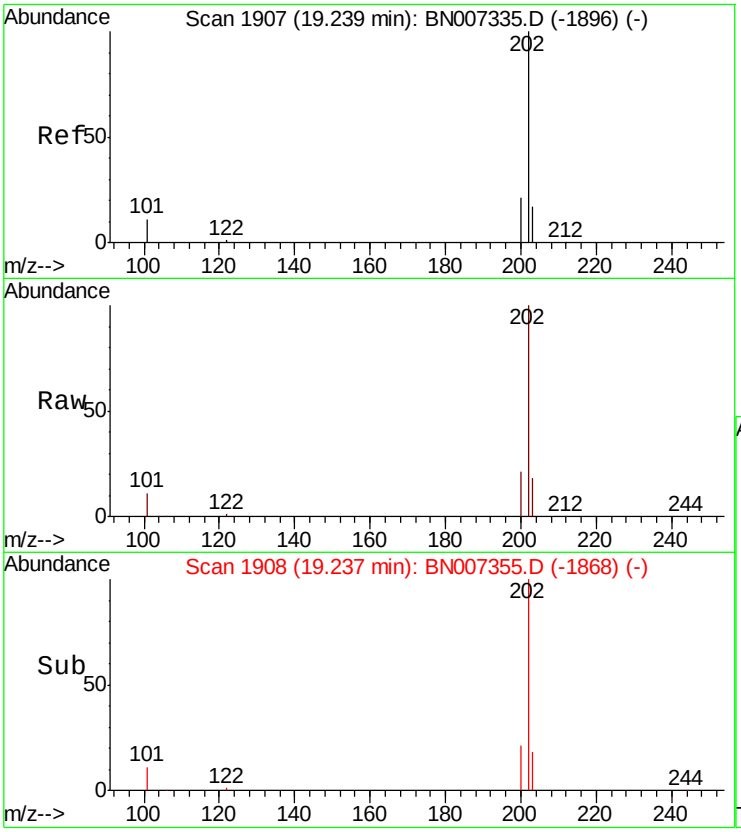


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Tgt Ion:240 Resp: 30209

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.6	14.4
236	28.5	22.2	33.2



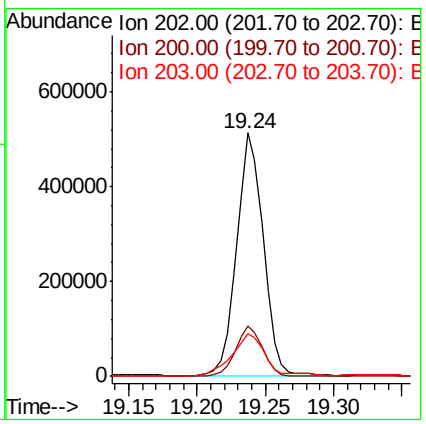


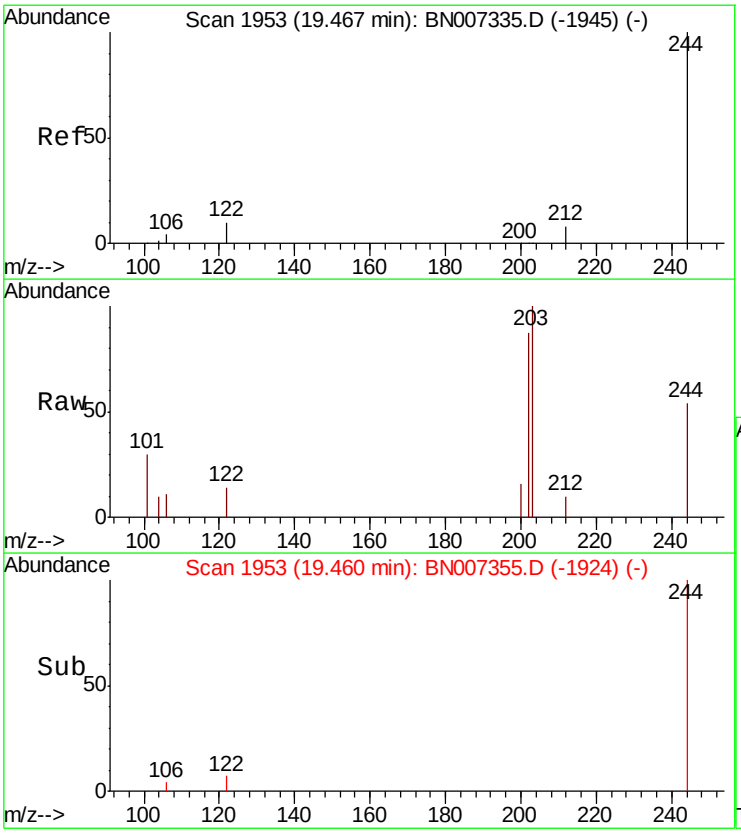
#28
Pyrene
Concen: 5.723 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW092-080519DL

Tgt Ion:202 Resp: 695459

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	20.6	14.2	21.4

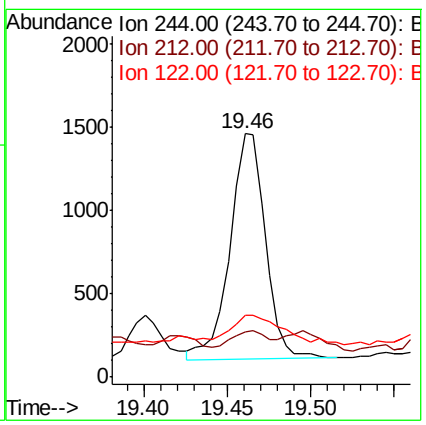


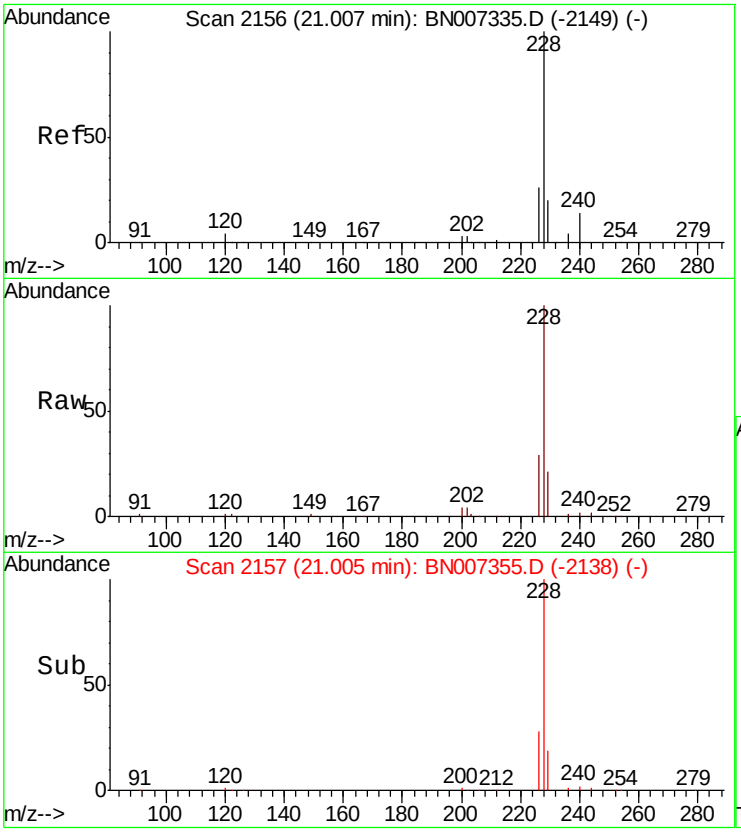


#29
Terphenyl-d14
Concen: 0.025 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Tgt Ion:244 Resp: 1988

Ion	Ratio	Lower	Upper
244	100		
212	18.5	7.0	10.6#
122	25.3	9.6	14.4#



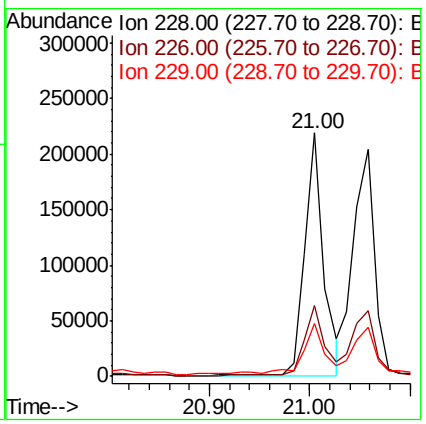


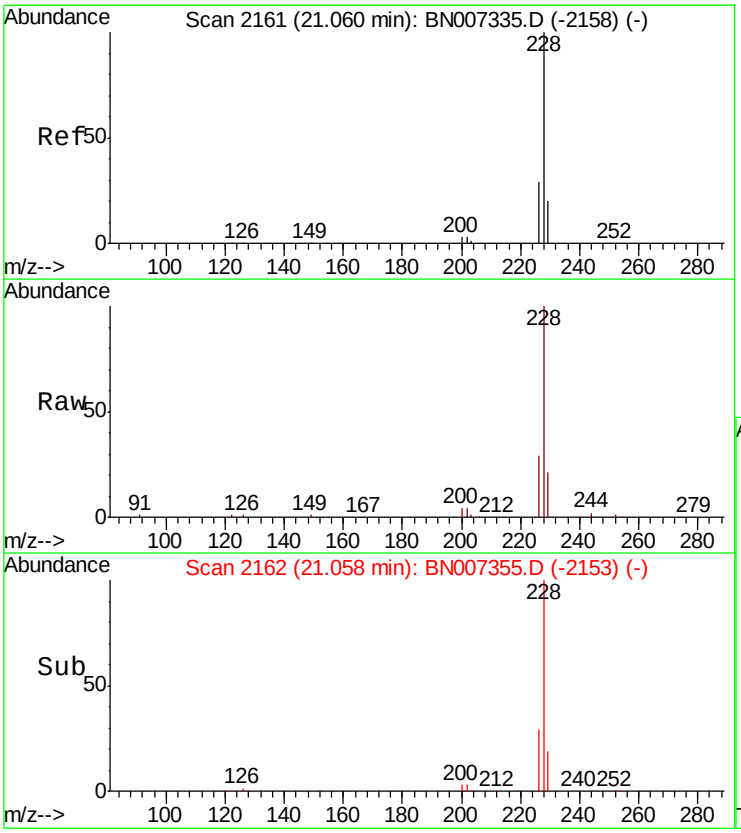
#30
Benzo(a)anthracene
Concen: 2.441 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW092-080519DL

Tgt Ion:228 Resp: 289655

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.3	31.9
229	21.5	16.1	24.1

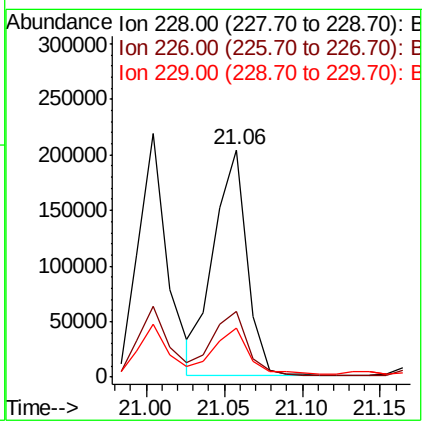


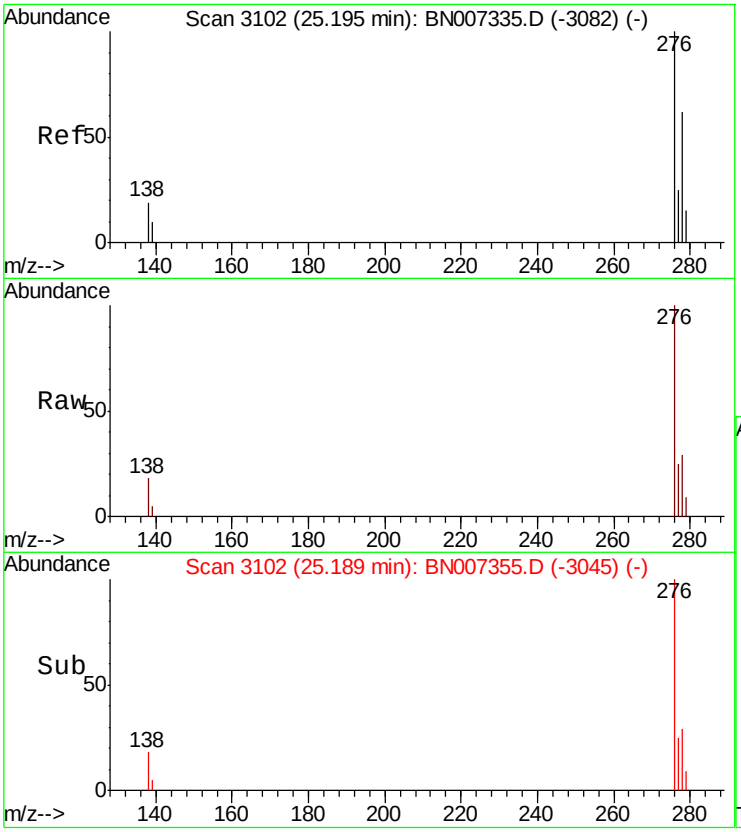


#31
Chrysene
Concen: 2.618 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Tgt Ion:228 Resp: 299760

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.5	35.3
229	21.5	16.6	24.8



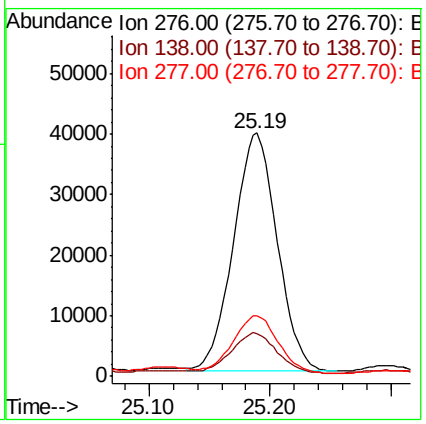


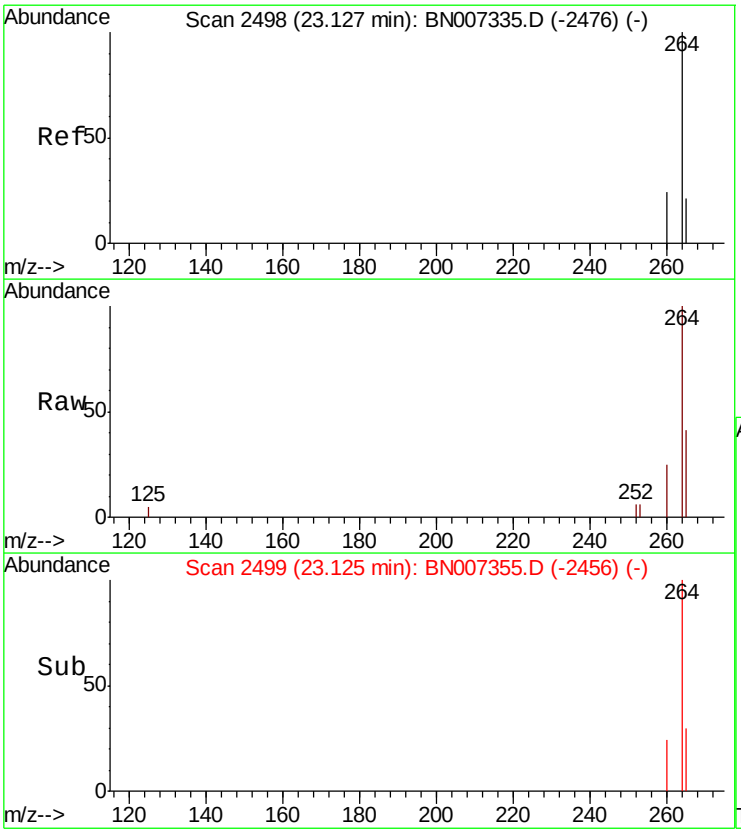
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.717 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW092-080519DL

Tgt Ion:276 Resp: 98929

Ion	Ratio	Lower	Upper
276	100		
138	17.5	15.1	22.7
277	25.8	19.7	29.5

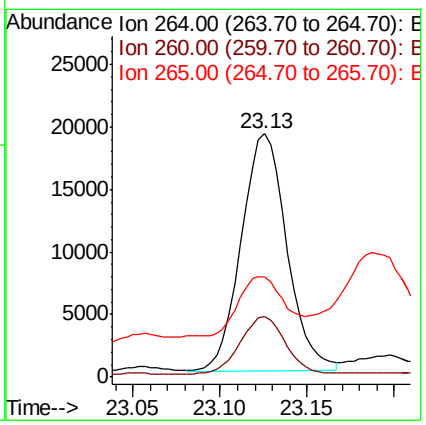


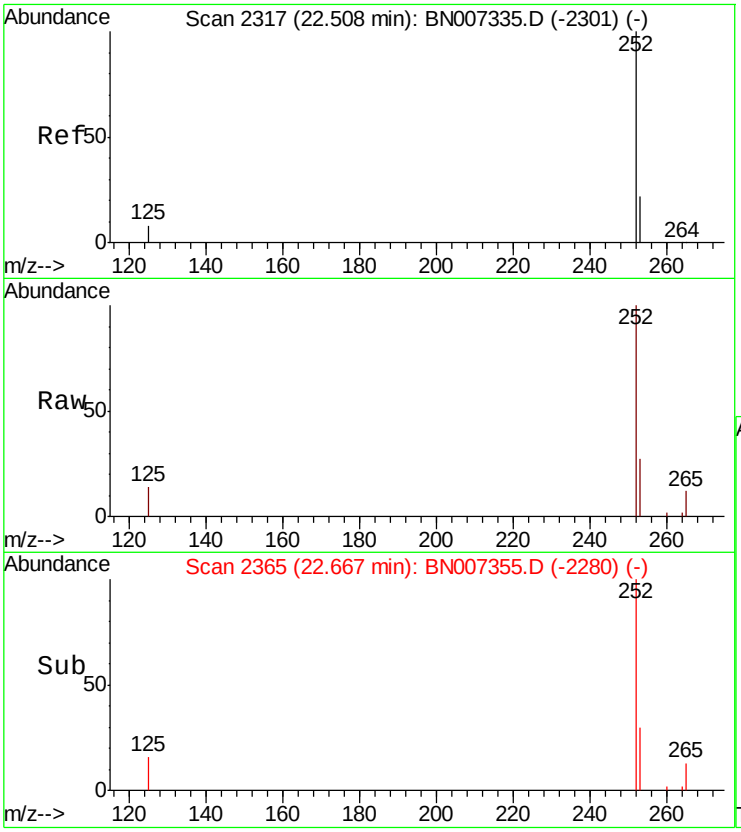


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Tgt Ion:264 Resp: 34587

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	41.3	29.9	44.9



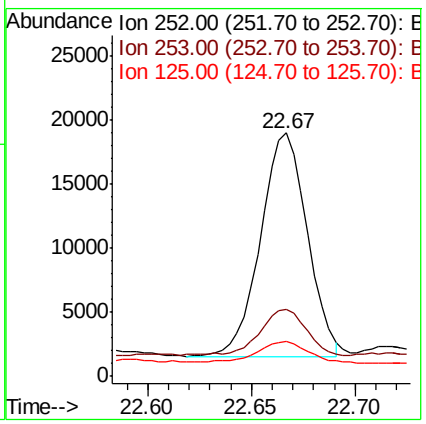


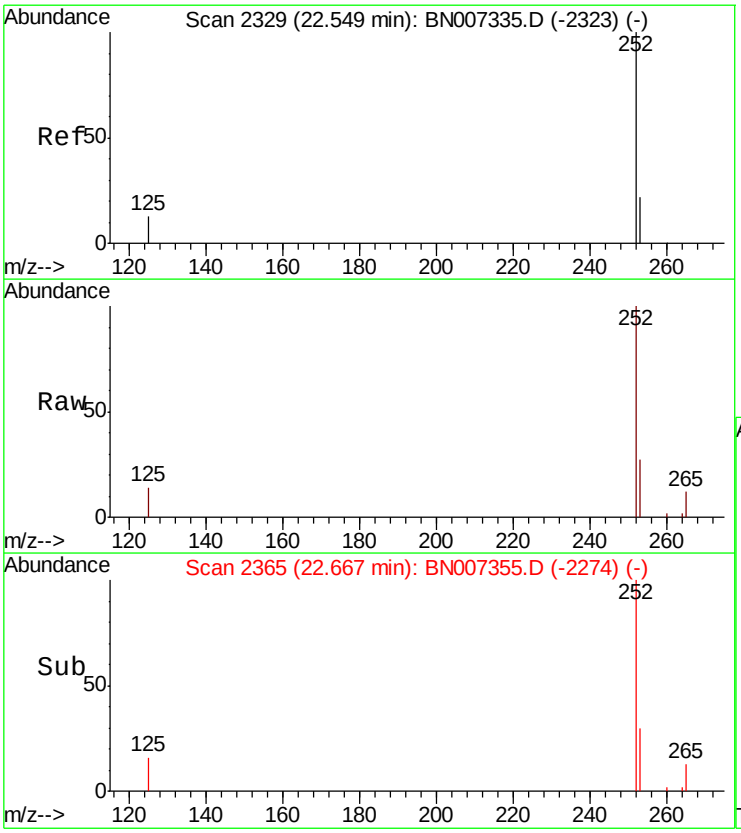
#35
Benzo(b)fluoranthene
Concen: 0.216 ng
RT: 22.67 min Scan# 2365
Delta R.T. 0.16 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW092-080519DL

Tgt Ion:252 Resp: 27056

Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.2	28.8
125	14.3	10.6	16.0

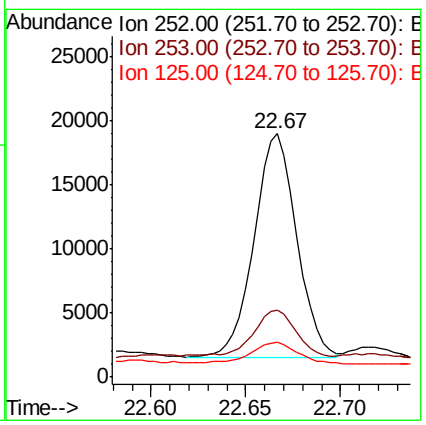


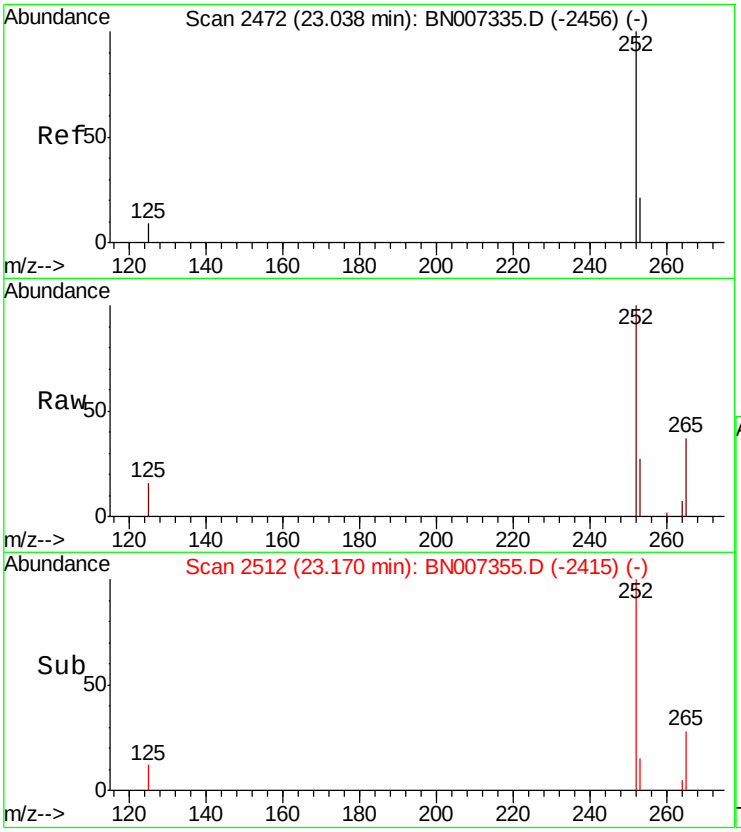


#36
Benzo(k)fluoranthene
Concen: 0.220 ng
RT: 22.67 min Scan# 2365
Delta R.T. 0.12 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Tgt Ion:252 Resp: 27230

Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.4	29.2
125	14.3	13.1	19.7



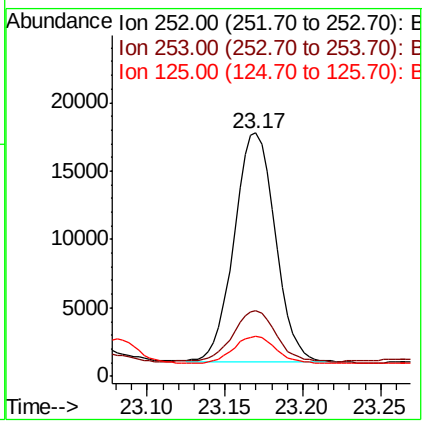


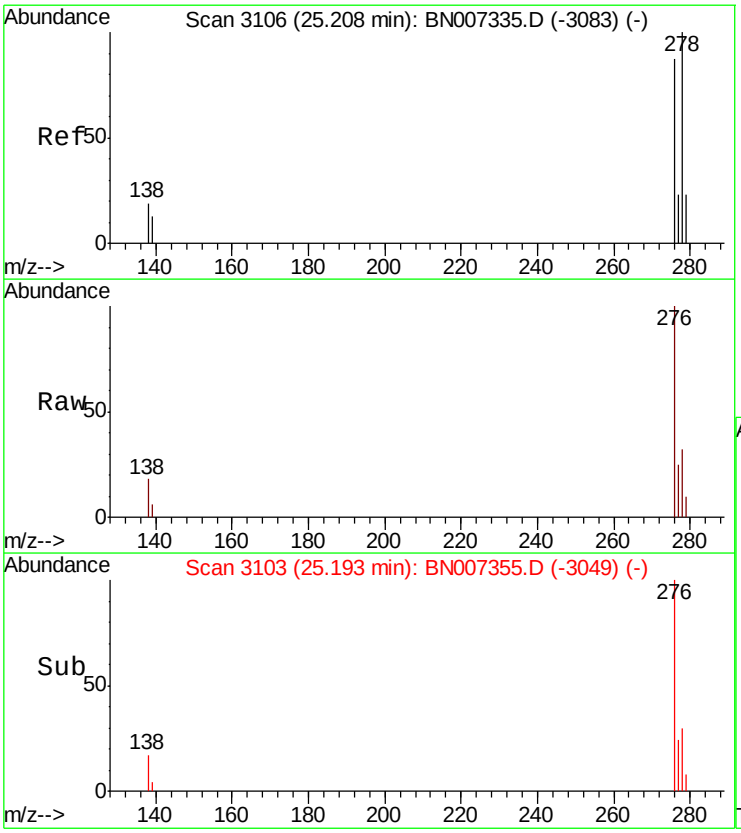
#37
Benzo(a)pyrene
Concen: 0.256 ng
RT: 23.17 min Scan# 2512
Delta R.T. 0.13 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW092-080519DL

Tgt Ion:252 Resp: 30545

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.5	29.3
125	16.4	12.1	18.1

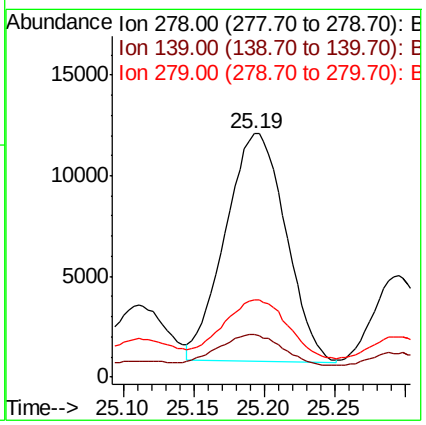


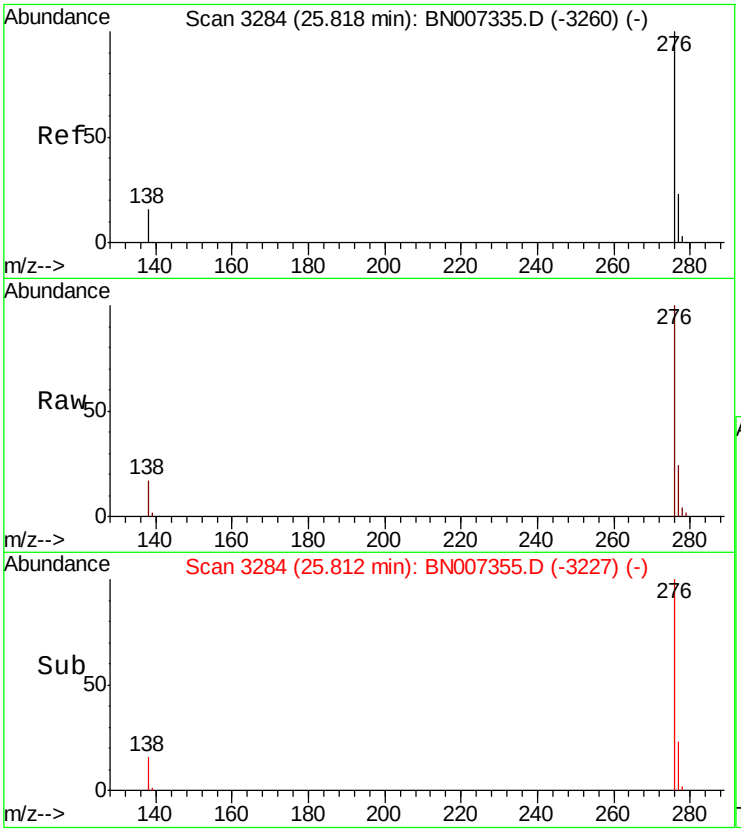


#38
Dibenzo(a,h)anthracene
Concen: 0.286 ng
RT: 25.19 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Tgt Ion:278 Resp: 34026

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.7	20.5
279	31.5	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 1.024 ng
RT: 25.81 min Scan# 3284
Delta R.T. -0.01 min
Lab File: BN007355.D
Acq: 24 Aug 2019 08:14

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW092-080519DL

Tgt Ion:276 Resp: 121457

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.6	29.4
138	17.3	16.3	24.5