Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081319\
Data File : BN007157.D
Acq On : 14 Aug 2019 07:33
Operator : HP/JU
Sample : K4239-14 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-034-SW093-080519

Quant Time: Aug 14 09:47:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	8397	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	32629	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	19047	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	41461	0.40	ng		0.00
26) Chrysene-d12	21.05	240	40866	0.40	ng		-0.01
32) Perylene-d12	23.16	264	51273	0.40	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	782	0.04	ng		0.00
4) Phenol-d6	6.62	99	986	0.04	ng		0.00
7) Nitrobenzene-d5	8.56	82	668	0.03	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	1404	0.02	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	277	0.03	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	480	0.02	ng		0.00
24) Fluoranthene-d10	18.87	212	3486	0.02	ng		0.00
28) Terphenyl-d14	19.49	244	4479	0.04	ng		-0.01
Target Compounds							Qvalue
8) Naphthalene	10.24	128	34095	0.373	ng		99
11) 2-Methylnaphthalene	11.87	142	41574	0.641	ng		98
15) Acenaphthylene	13.79	152	236749	2.378	ng		99
16) Acenaphthene	14.13	154	38557	0.605	ng		93
17) Fluorene	15.13	166	78100	0.818	ng	#	85
22) Phenanthrene	16.87	178	1877061	15.107	ng		100
23) Anthracene	16.96	178	324276	2.856	ng		99
25) Fluoranthene	18.90	202	2129923	13.400	ng		98
27) Pyrene	19.26	202	3441900	24.017	ng	#	96
29) Benzo(a)anthracene	21.03	228	1569530	10.502	ng		91
30) Chrysene	21.09	228	1674293	11.531	ng		97
31) Indeno(1,2,3-cd)pyrene	25.25	276	722629	4.515	ng		99
33) Benzo(b)fluoranthene	22.55	252	1456834	8.286	ng		100
34) Benzo(k)fluoranthene	22.58	252	418922m	2.413	ng		
35) Benzo(a)pyrene	23.08	252	1234756	7.746	ng		99
36) Dibenzo(a,h)anthracene	25.26	278	230609	1.450	ng	#	90
37) Benzo(g,h,i)perylene	25.88	276	870333	5.320	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081319\
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Acq On : 14 Aug 2019 07:33
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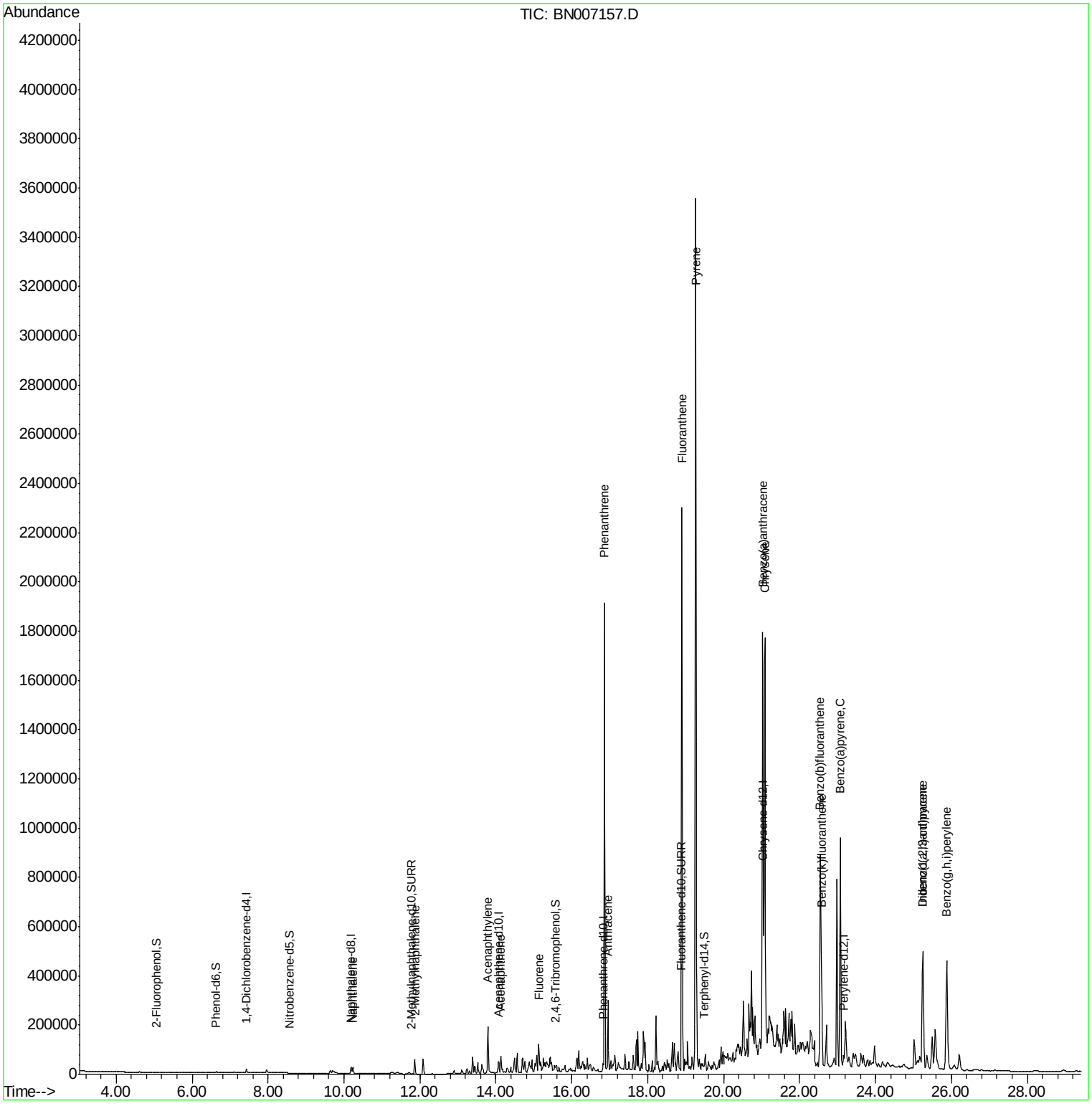
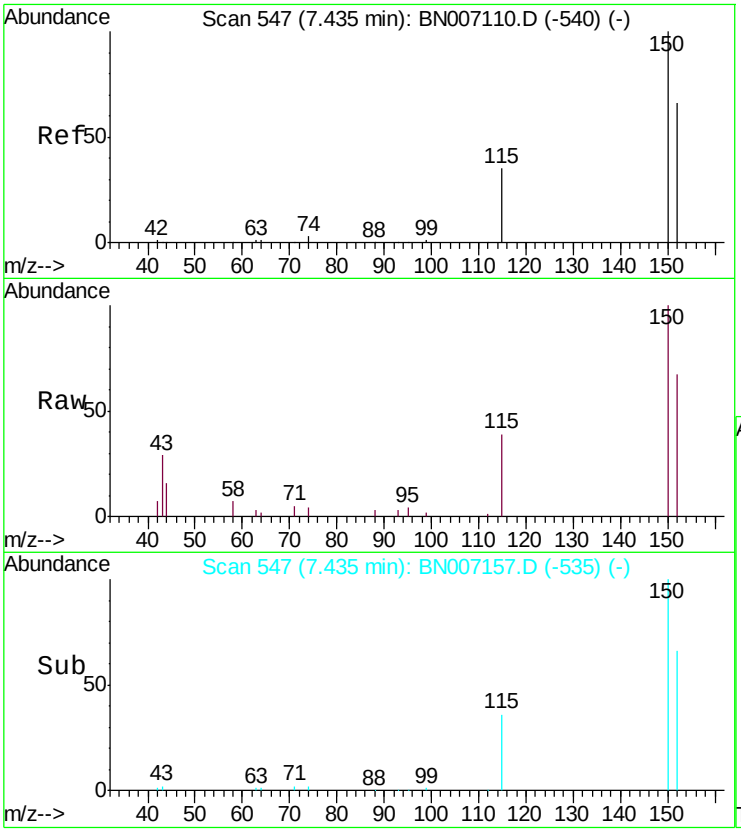
Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Quant Time: Aug 14 09:47:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration



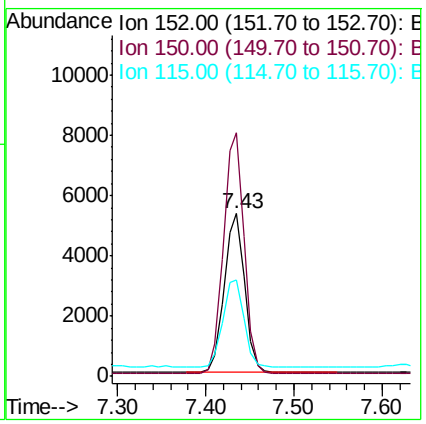


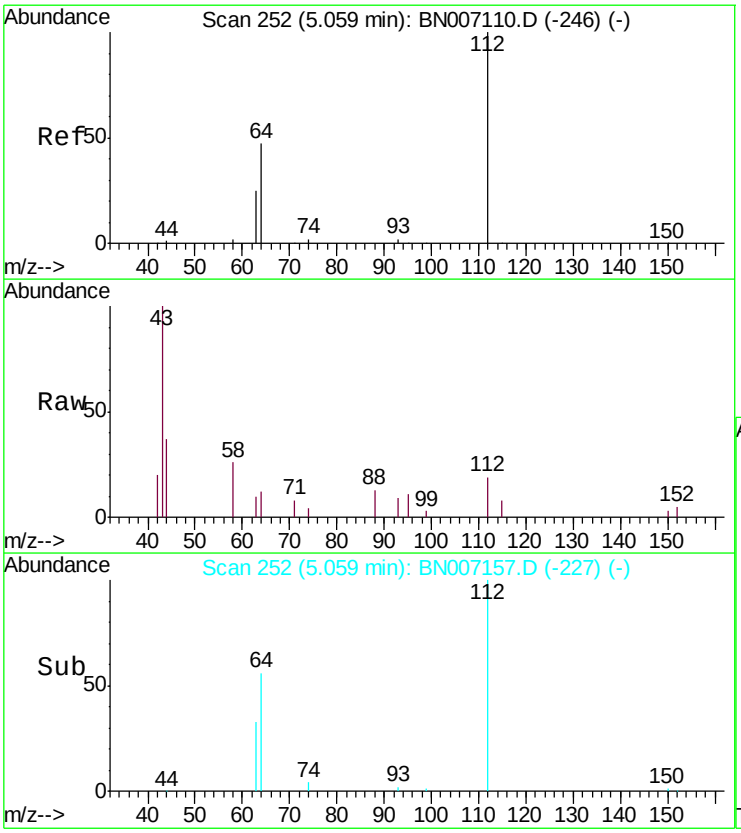
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Tgt Ion:152 Resp: 8397

Ion	Ratio	Lower	Upper
152	100		
150	149.5	121.7	182.5
115	59.1	46.2	69.4

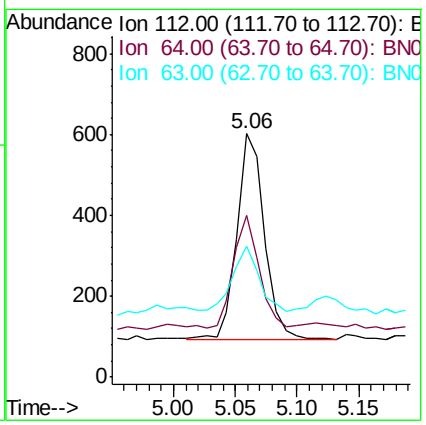


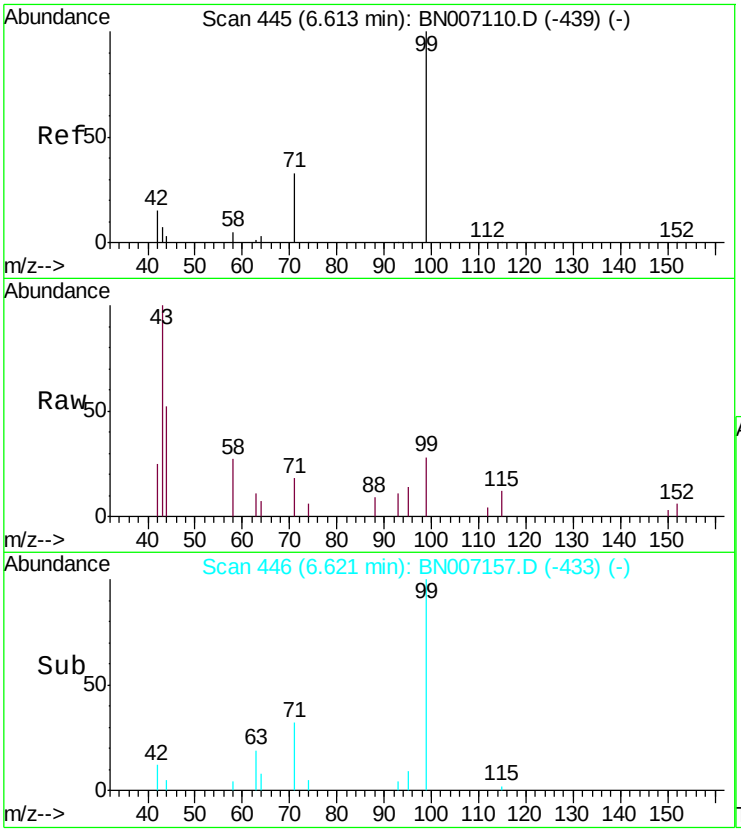


#3
2-Fluorophenol
Concen: 0.039 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Tgt Ion:112 Resp: 782

Ion	Ratio	Lower	Upper
112	100		
64	53.7	42.6	63.8
63	35.3	22.2	33.2#



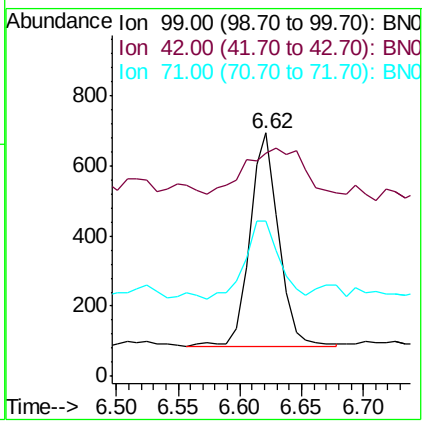


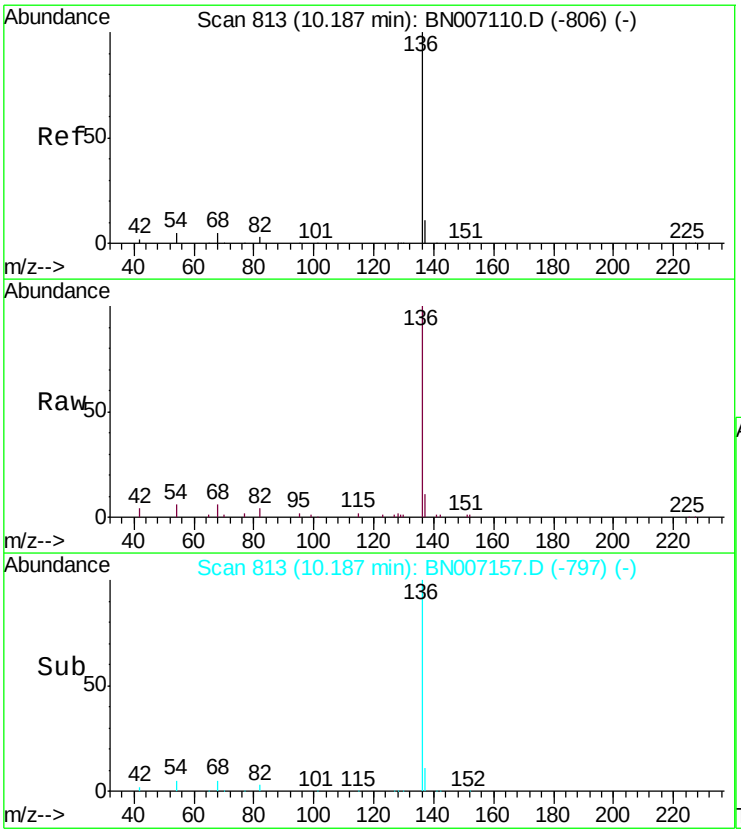
#4
Phenol-d6
Concen: 0.039 ng
RT: 6.62 min Scan# 446
Delta R.T. 0.01 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Tgt Ion: 99 Resp: 986

Ion	Ratio	Lower	Upper
99	100		
42	42.5	15.8	23.6#
71	43.3	27.0	40.4#

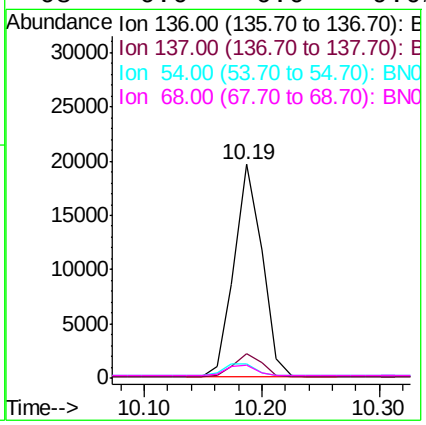


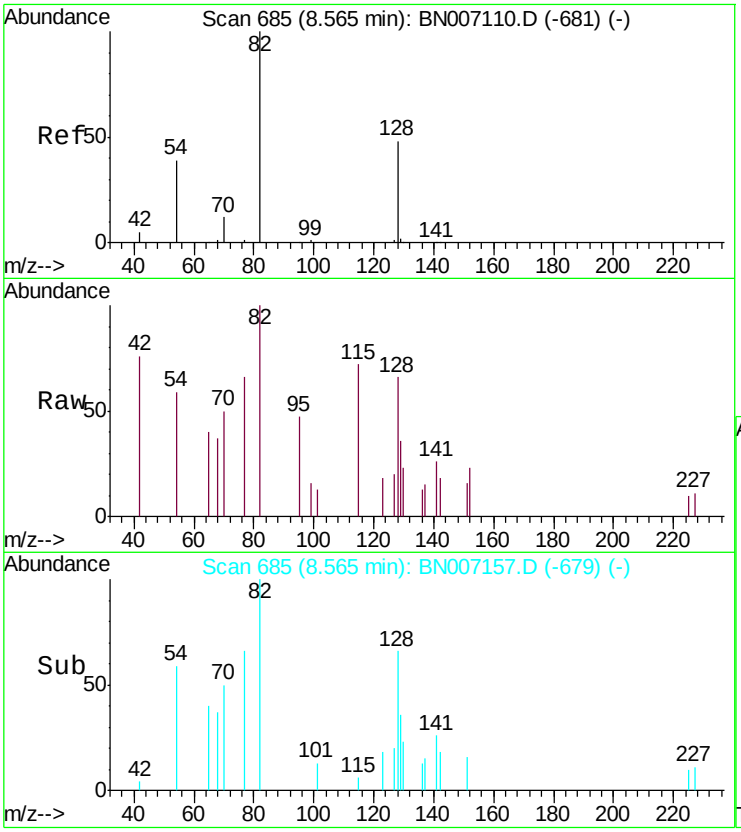


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Tgt Ion:136 Resp: 32629

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	6.4	6.6	9.8#
68	6.0	6.0	9.0#



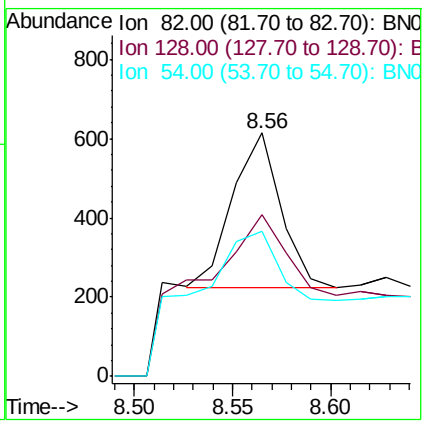


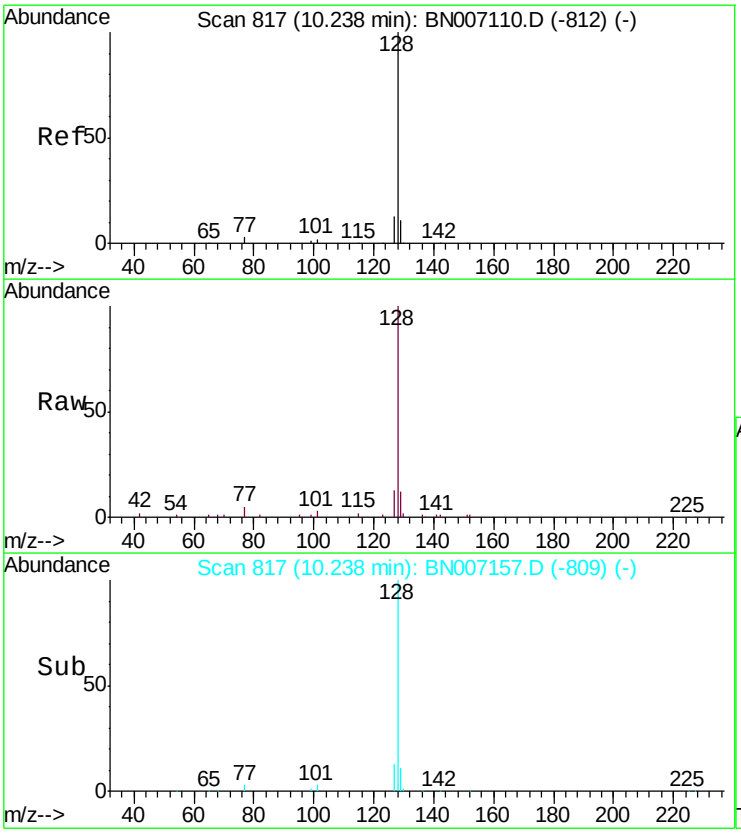
#7
Nitrobenzene-d5
Concen: 0.025 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Tgt Ion: 82 Resp: 668

Ion	Ratio	Lower	Upper
82	100		
128	66.4	34.6	51.8#
54	59.4	36.2	54.4#

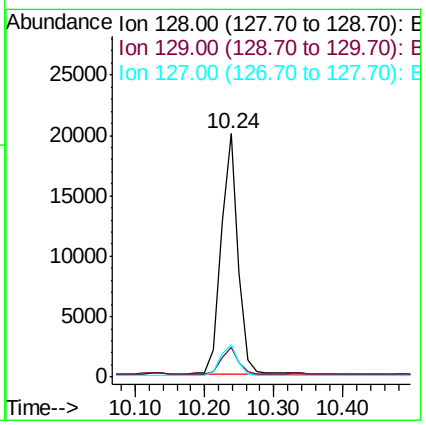


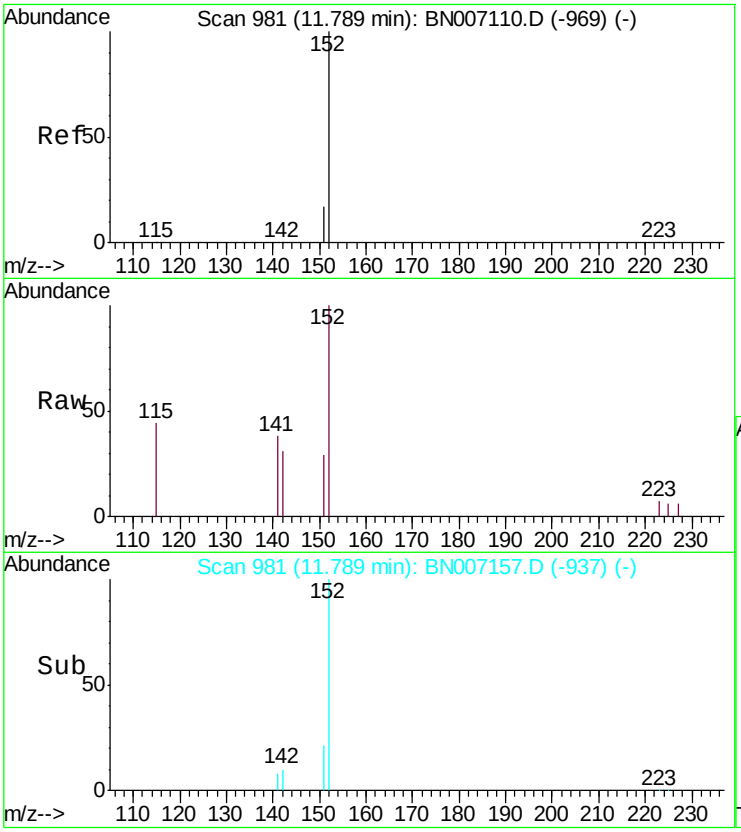


#8
Naphthalene
Concen: 0.373 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Tgt Ion:128 Resp: 34095

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.2
127	13.4	11.0	16.6



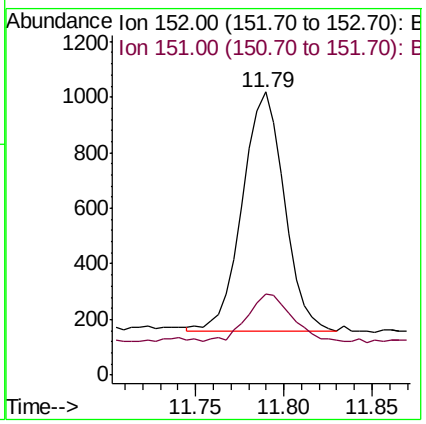


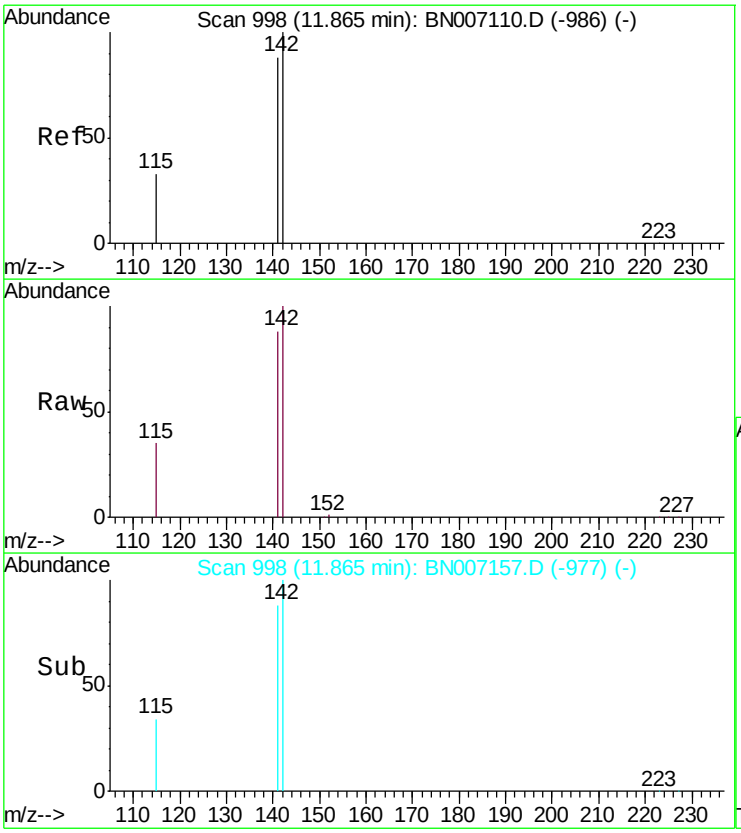
#10
2-Methylnaphthalene-d10
Concen: 0.023 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Tgt Ion:152 Resp: 1404

Ion	Ratio	Lower	Upper
152	100		
151	21.9	15.5	23.3

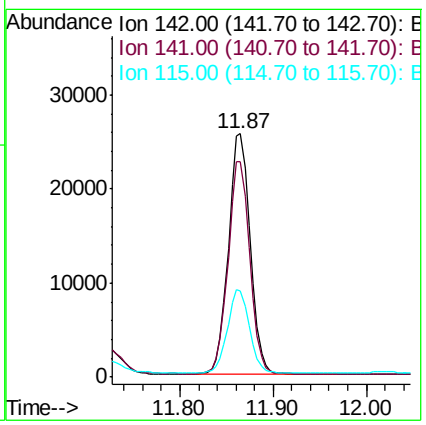


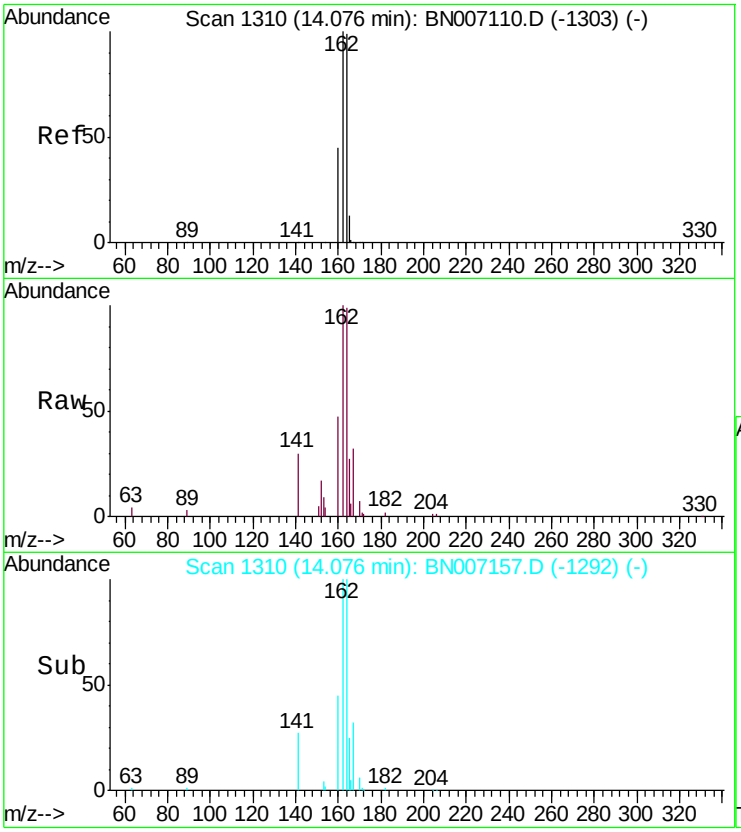


#11
2-Methylnaphthalene
Concen: 0.641 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Tgt Ion:142 Resp: 41574

Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.0	103.6
115	35.2	27.1	40.7



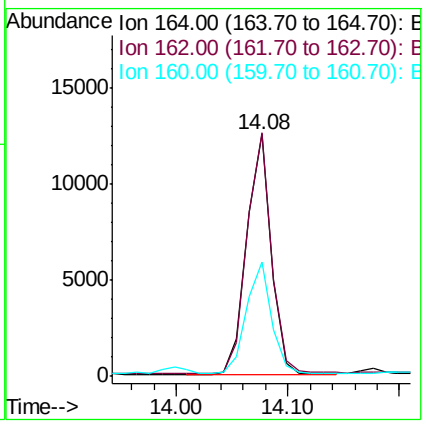


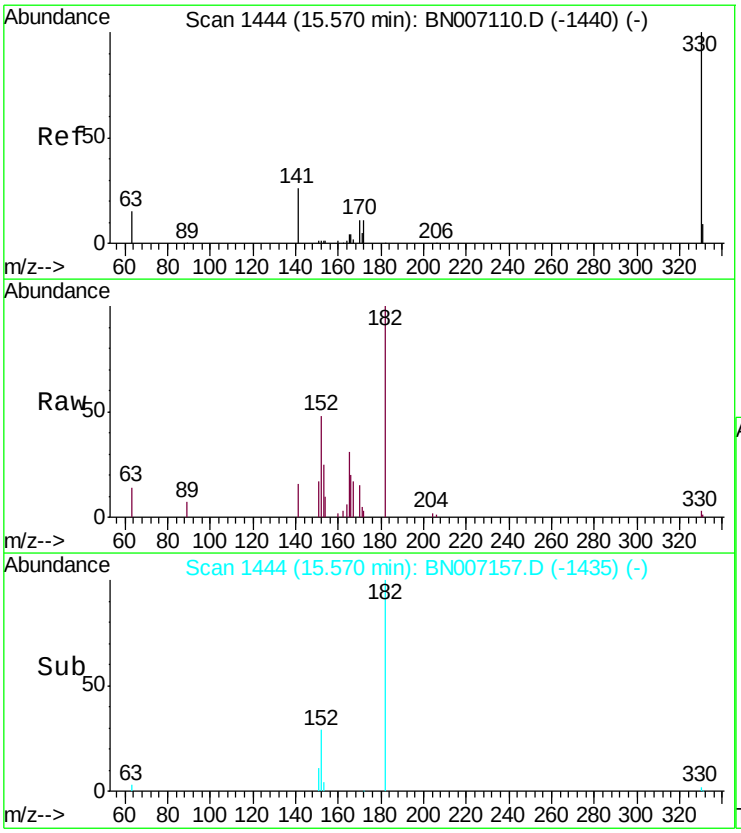
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Tgt Ion:164 Resp: 19047

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.2	123.4
160	47.1	38.3	57.5

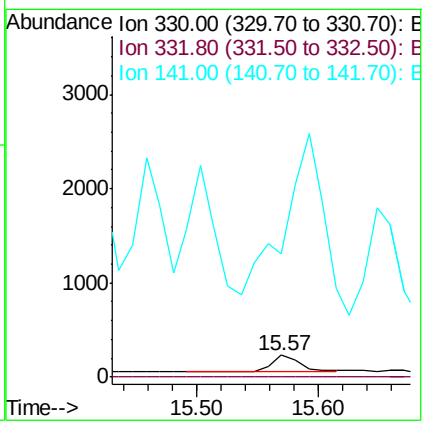


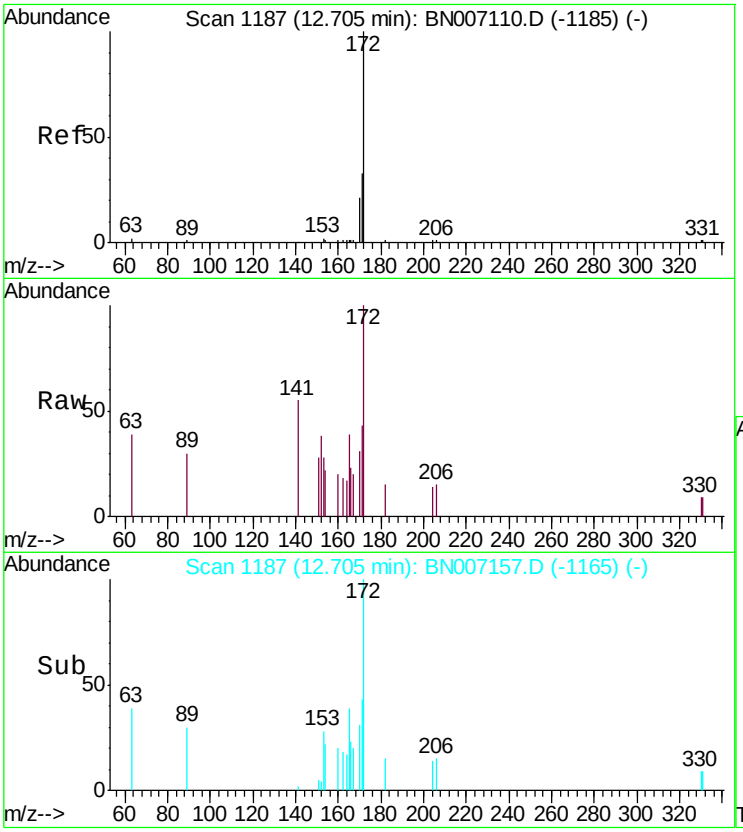


#13
2,4,6-Tribromophenol
Concen: 0.027 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Tgt Ion:330 Resp: 277

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	33.6	50.4#



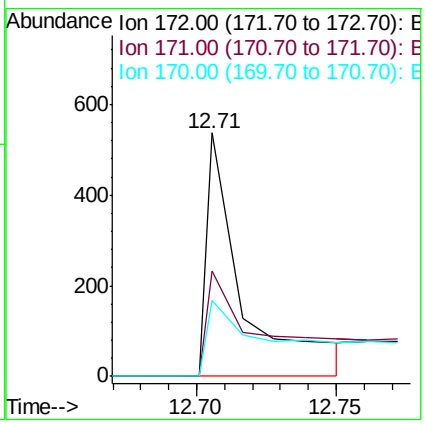


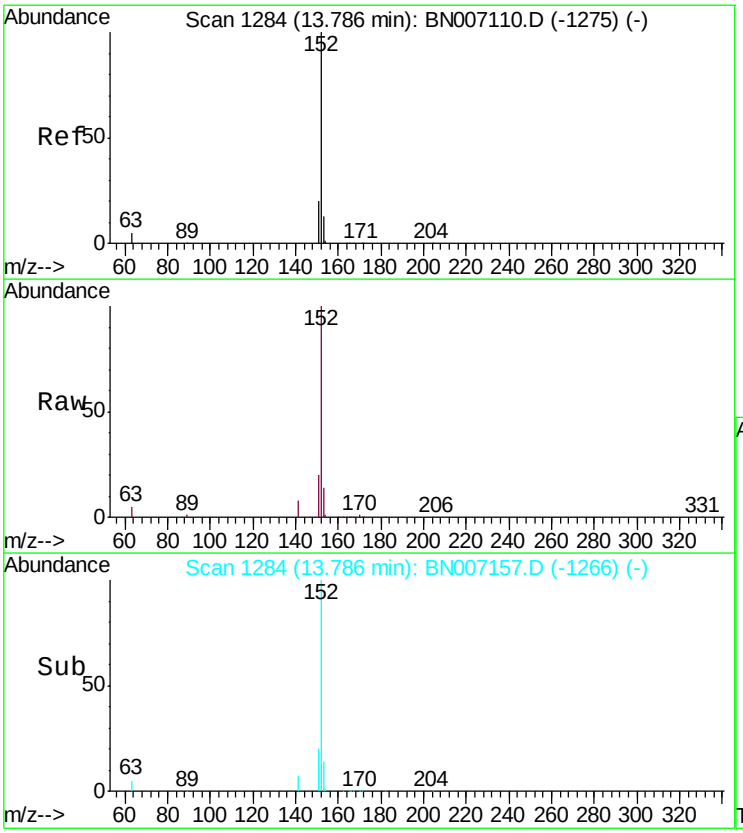
#14
2-Fluorobiphenyl
Concen: 0.017 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Tgt Ion:172 Resp: 480

Ion	Ratio	Lower	Upper
172	100		
171	43.2	26.3	39.5#
170	31.1	17.0	25.4#

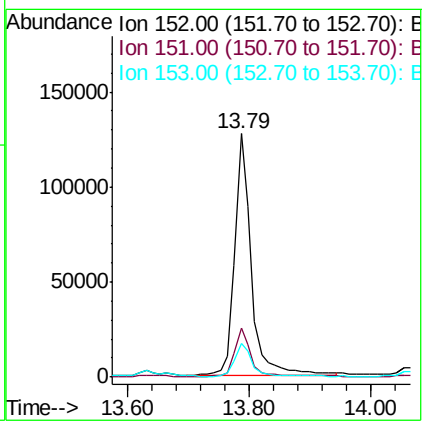


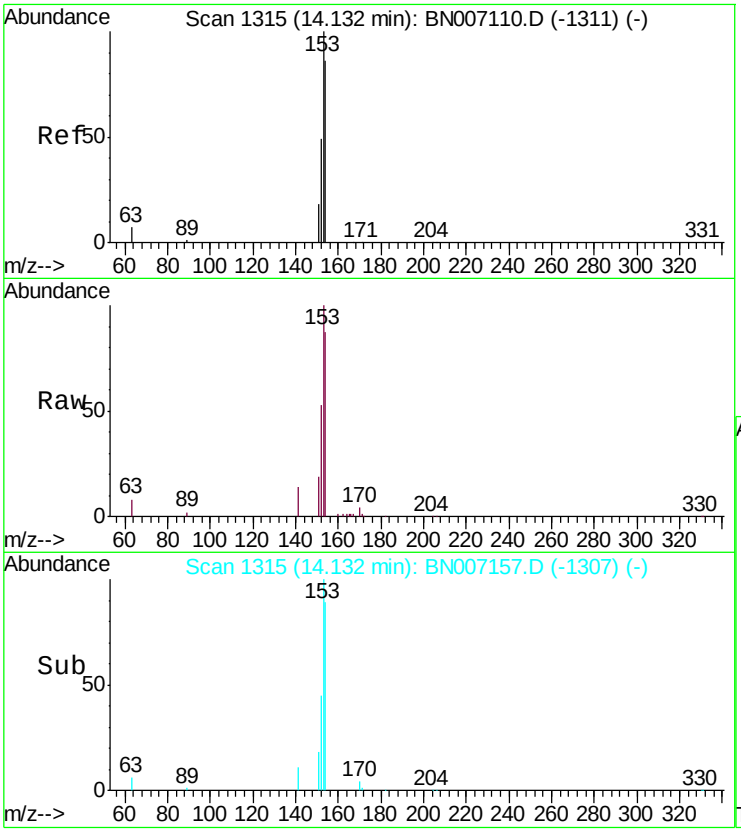


#15
Acenaphthylene
Concen: 2.378 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Tgt Ion:152 Resp: 236749

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	14.1	10.4	15.6



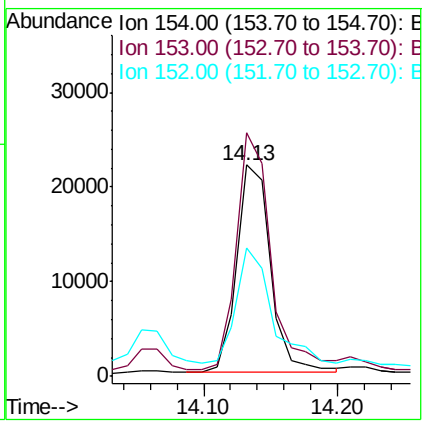


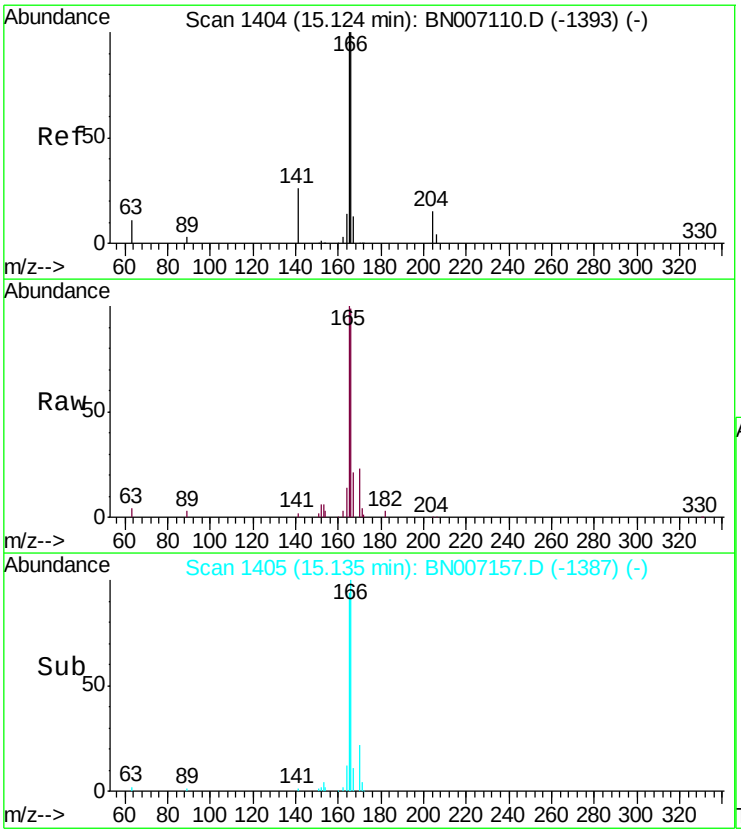
#16
Acenaphthene
Concen: 0.605 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Tgt Ion:154 Resp: 38557

Ion	Ratio	Lower	Upper
154	100		
153	121.9	89.5	134.3
152	57.1	44.8	67.2

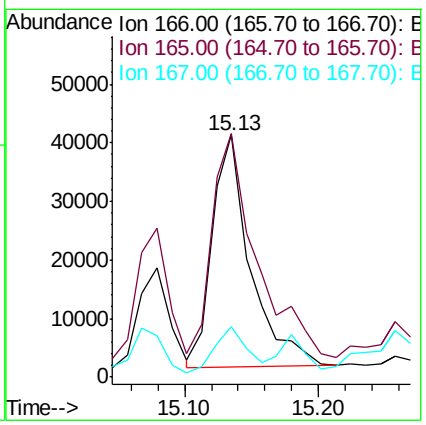


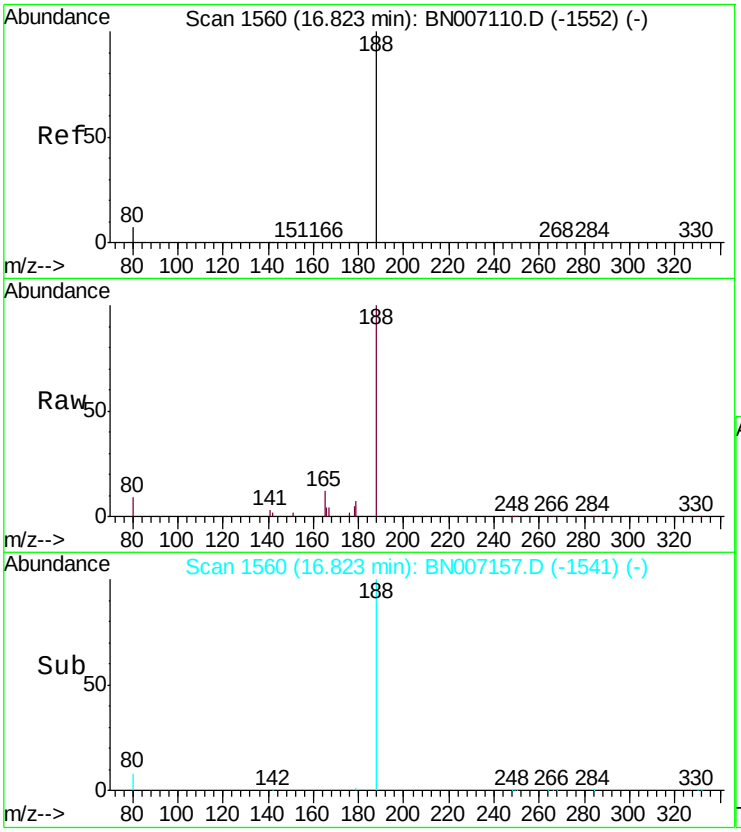


#17
Fluorene
Concen: 0.818 ng
RT: 15.13 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Tgt Ion:166 Resp: 78100

Ion	Ratio	Lower	Upper
166	100		
165	112.6	77.9	116.9
167	16.8	10.9	16.3#



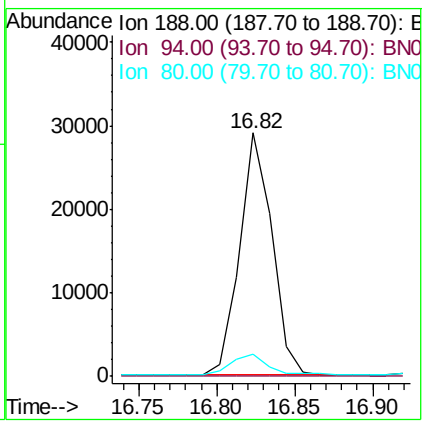


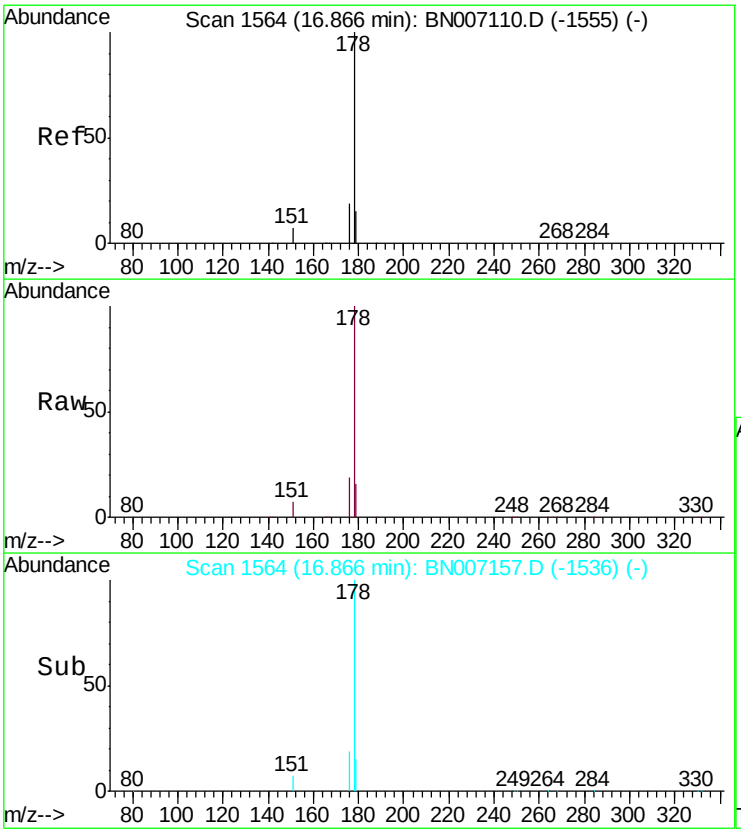
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Tgt Ion:188 Resp: 41461

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	7.8	11.6

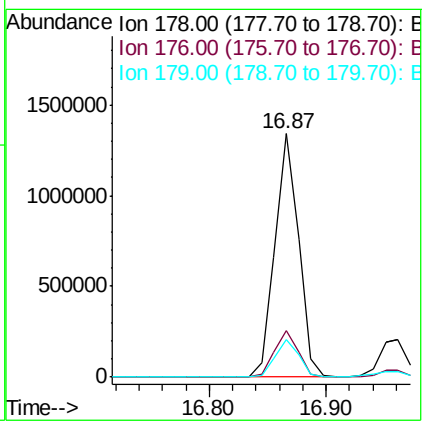


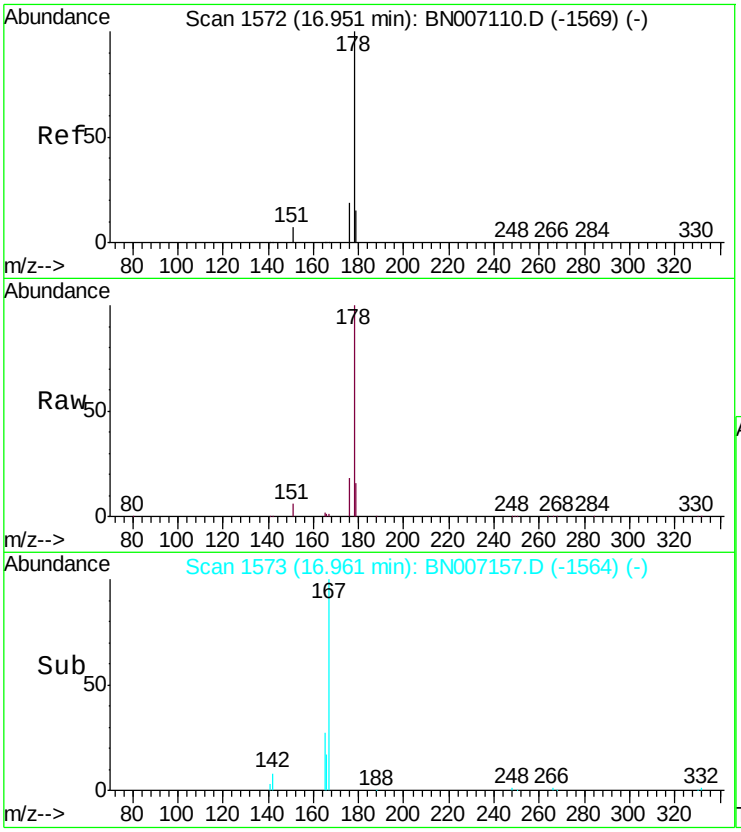


#22
Phenanthrene
Concen: 15.107 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Tgt Ion:178 Resp: 1877061

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.8	12.3	18.5



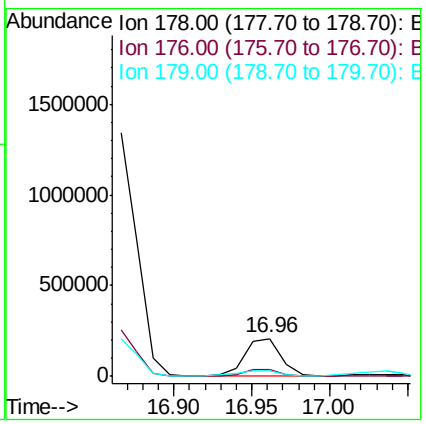


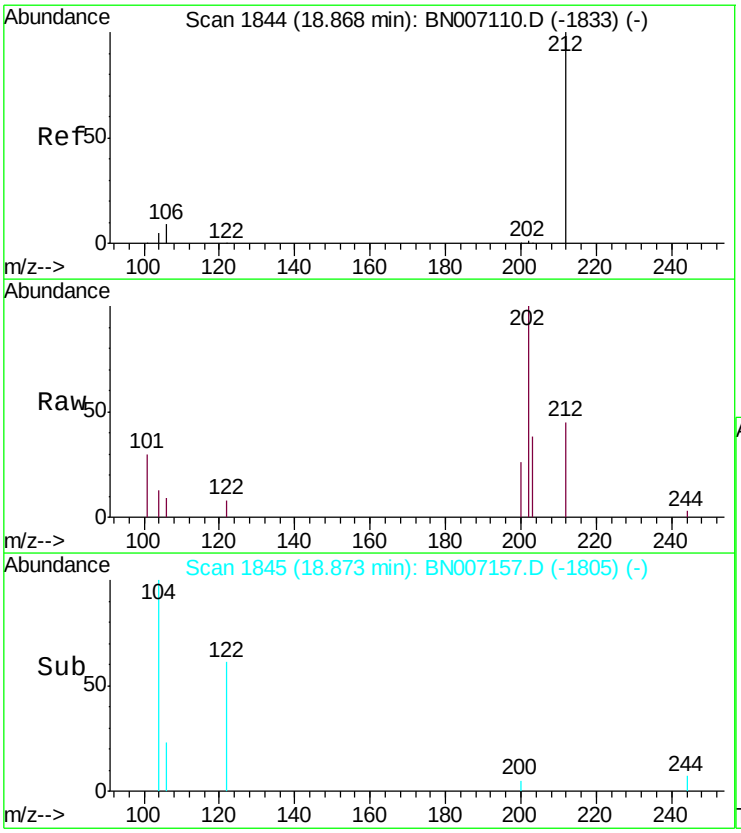
#23
Anthracene
Concen: 2.856 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Tgt Ion:178 Resp: 324276

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	16.5	12.5	18.7

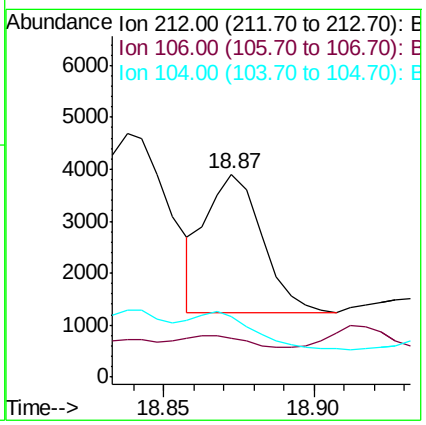


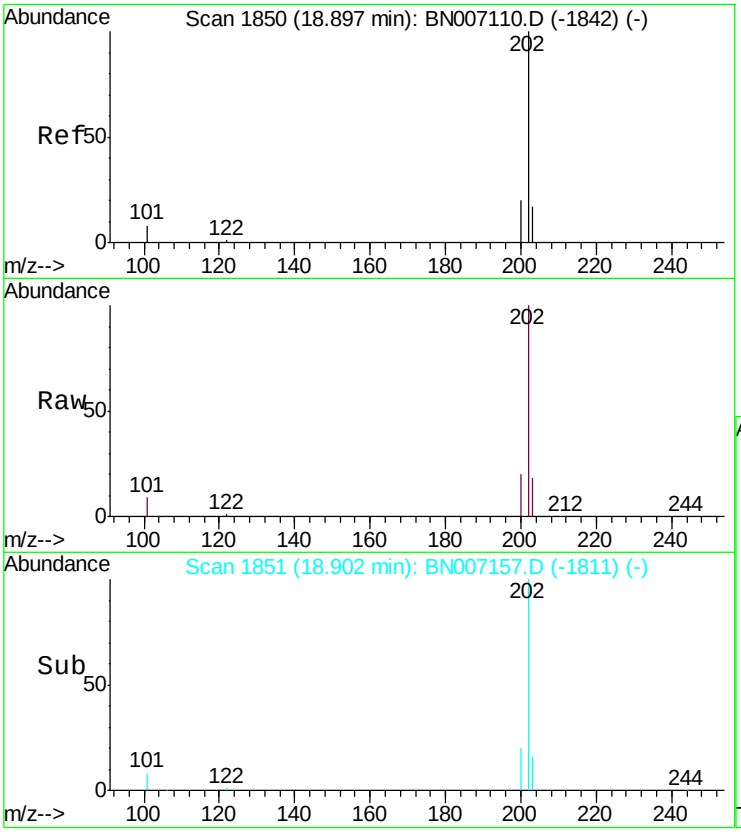


#24
Fluoranthene-d10
Concen: 0.024 ng
RT: 18.87 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Tgt Ion:212 Resp: 3486

Ion	Ratio	Lower	Upper
212	100		
106	10.1	8.2	12.2
104	31.1	4.5	6.7#



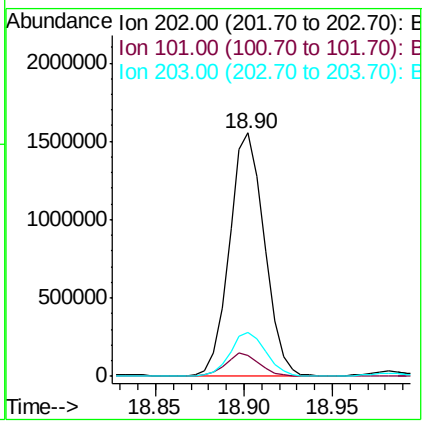


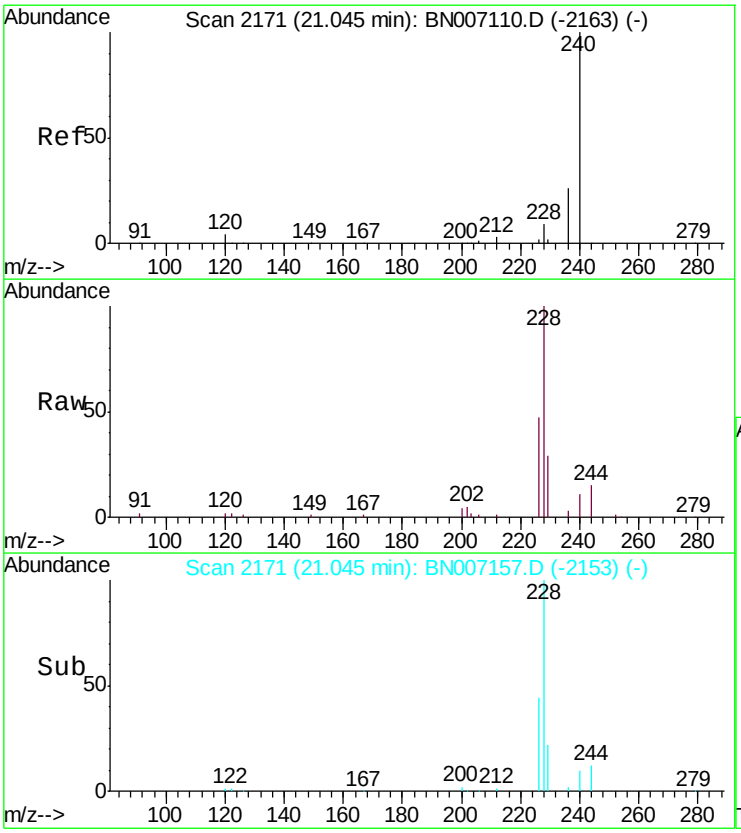
#25
Fluoranthene
Concen: 13.400 ng
RT: 18.90 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Tgt Ion:202 Resp: 2129923

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.0	10.4
203	18.3	13.8	20.8

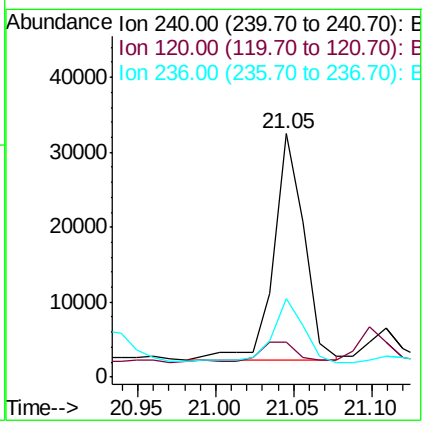


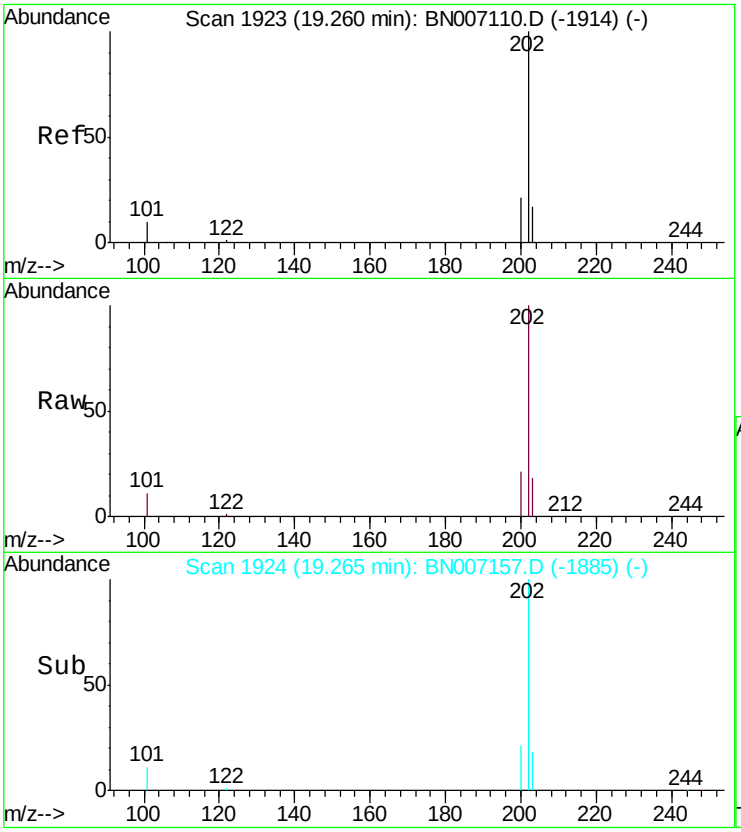


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Tgt Ion:240 Resp: 40866

Ion	Ratio	Lower	Upper
240	100		
120	14.3	4.0	6.0#
236	32.2	21.3	31.9#



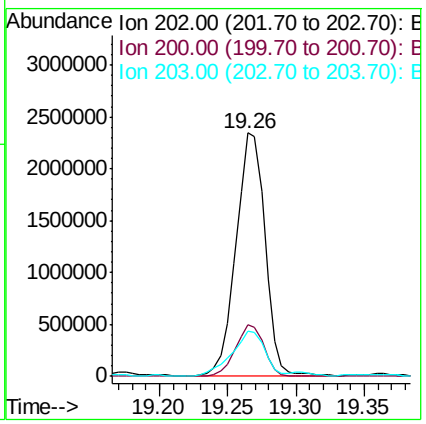


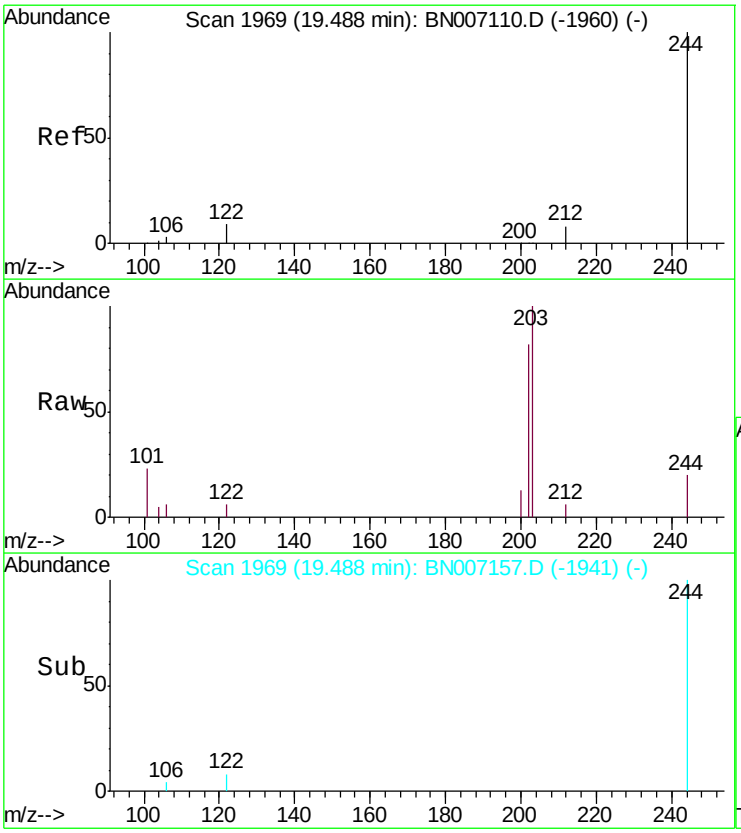
#27
Pyrene
Concen: 24.017 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Tgt Ion:202 Resp: 3441900

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	21.0	14.0	21.0#

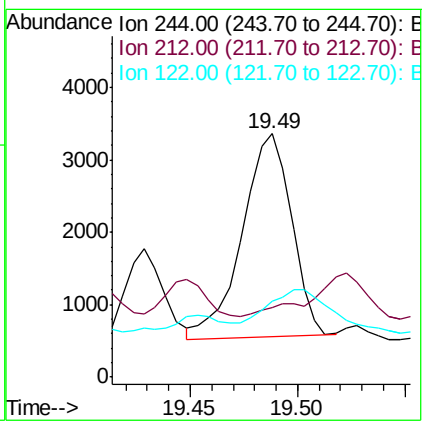


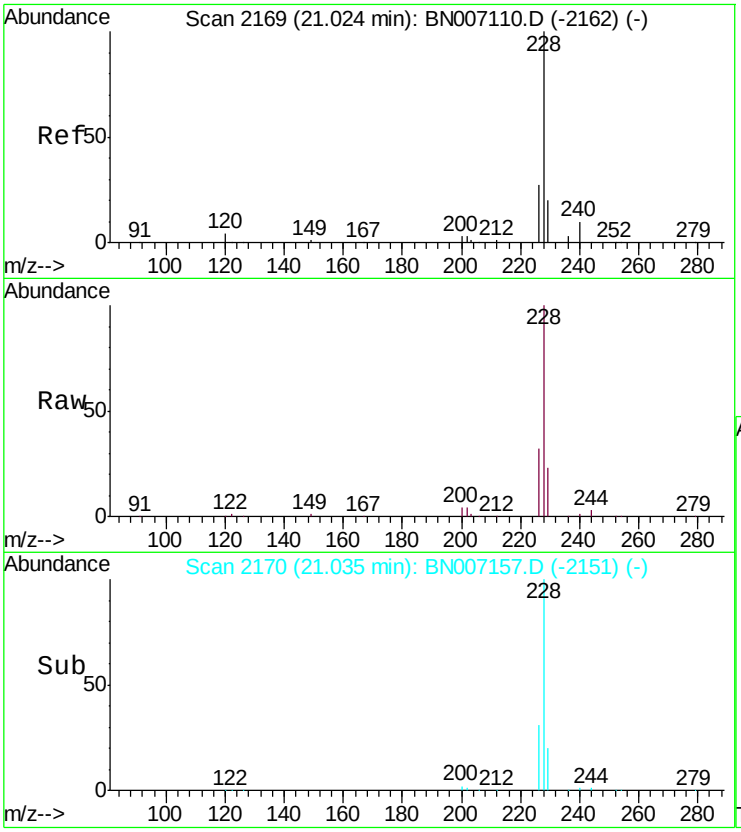


#28
Terphenyl-d14
Concen: 0.040 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Tgt Ion:244 Resp: 4479

Ion	Ratio	Lower	Upper
244	100		
212	28.8	6.2	9.2#
122	31.3	7.4	11.2#



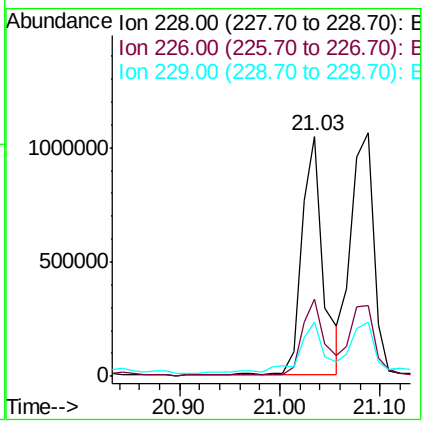


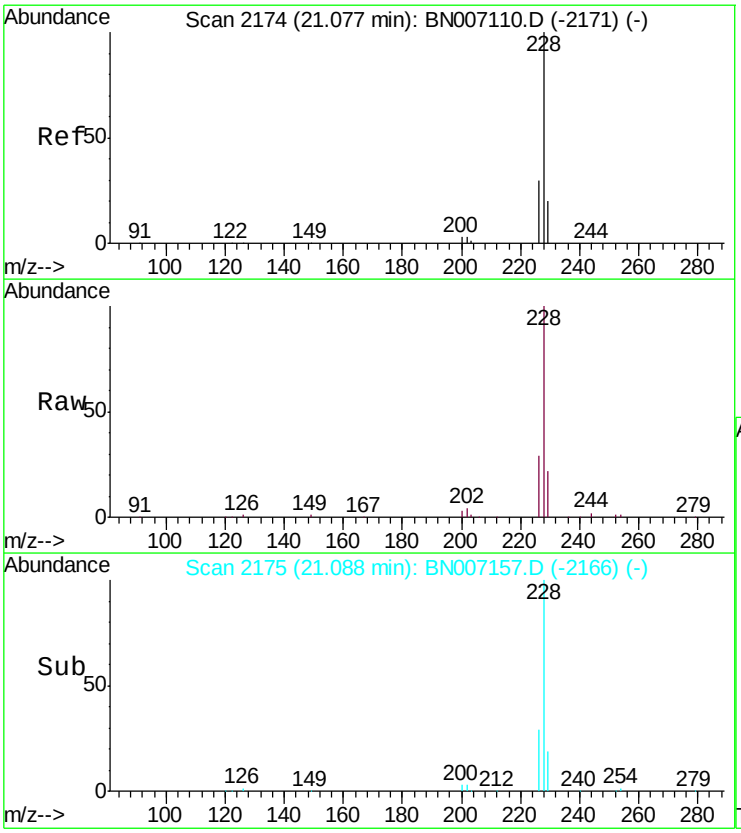
#29
Benzo(a)anthracene
Concen: 10.502 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Tgt Ion:228 Resp: 1569530

Ion	Ratio	Lower	Upper
228	100		
226	32.4	21.8	32.6
229	22.7	15.6	23.4

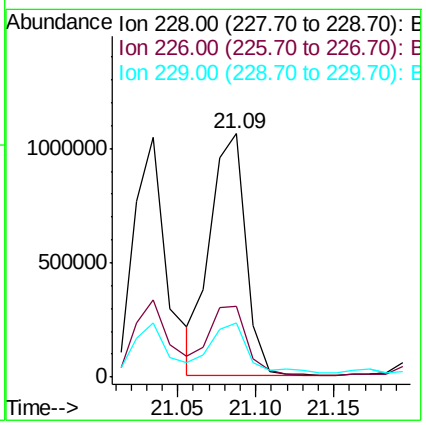


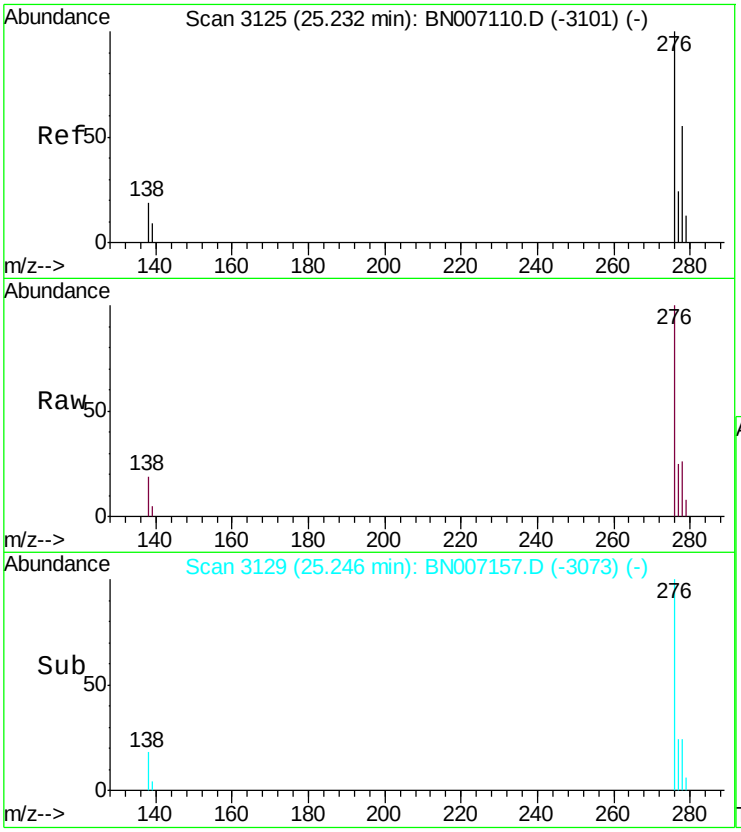


#30
Chrysene
Concen: 11.531 ng
RT: 21.09 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Tgt Ion:228 Resp: 1674293

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	22.1	15.7	23.5



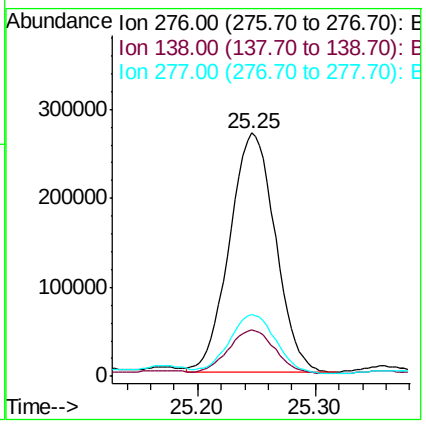


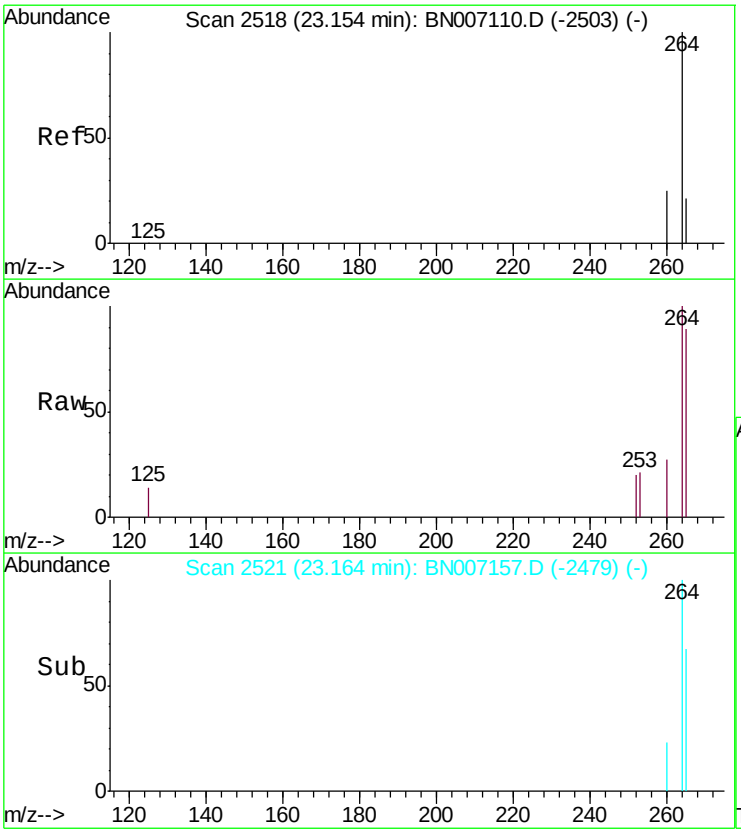
#31
Indeno(1,2,3-cd)pyrene
Concen: 4.515 ng
RT: 25.25 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Tgt Ion:276 Resp: 722629

Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.0	24.0
277	25.1	19.9	29.9

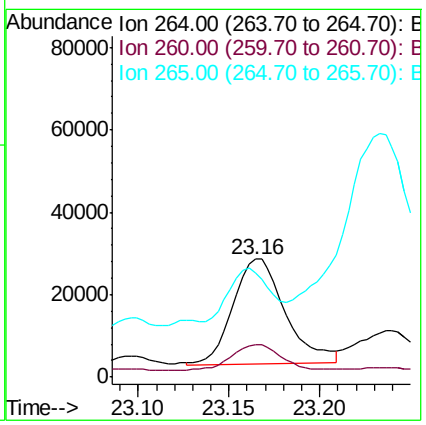


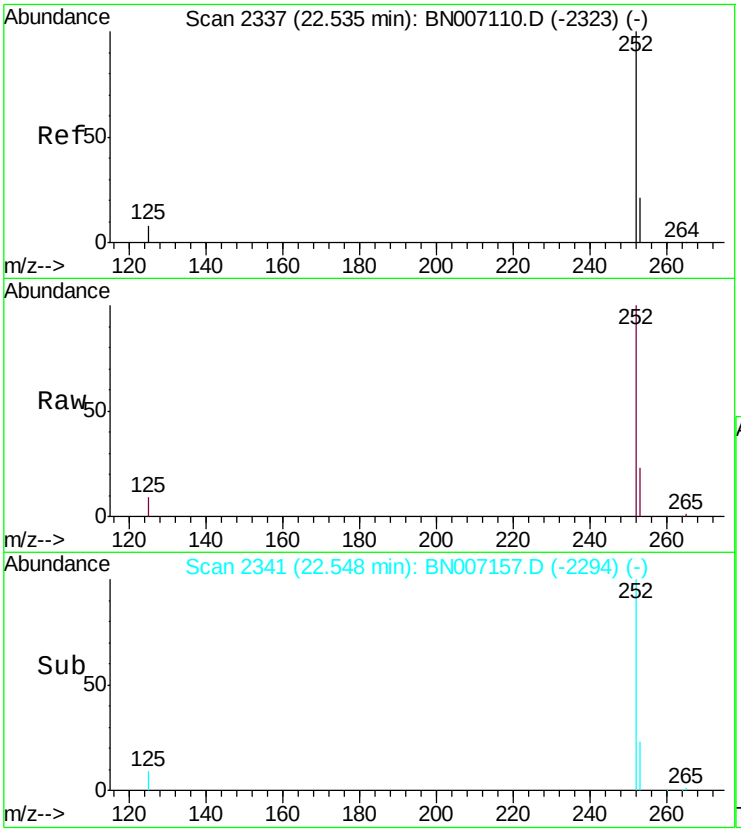


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Tgt Ion:264 Resp: 51273

Ion	Ratio	Lower	Upper
264	100		
260	27.4	19.8	29.8
265	88.6	26.2	39.4#



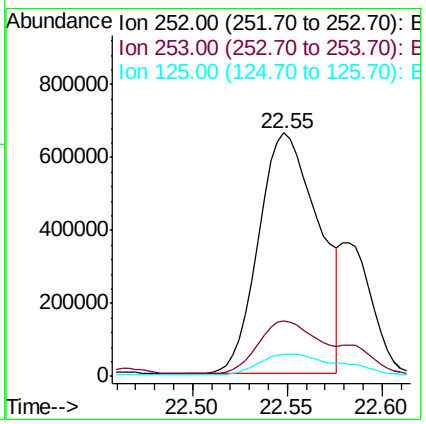


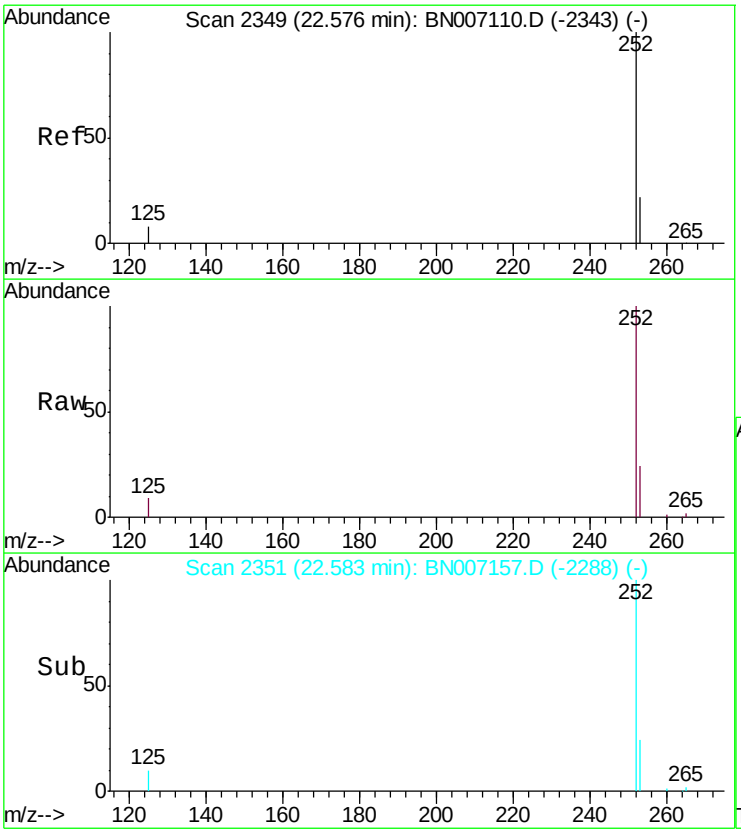
#33
Benzo(b)fluoranthene
Concen: 8.286 ng
RT: 22.55 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Tgt Ion:252 Resp: 1456834

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	9.2	7.4	11.0

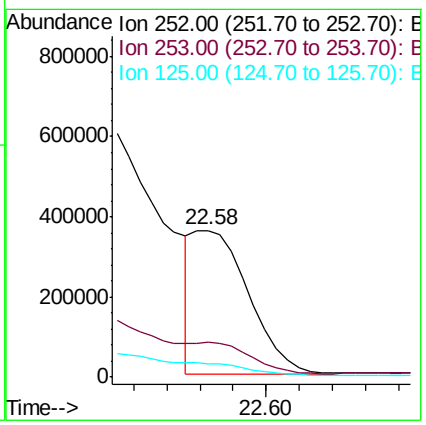


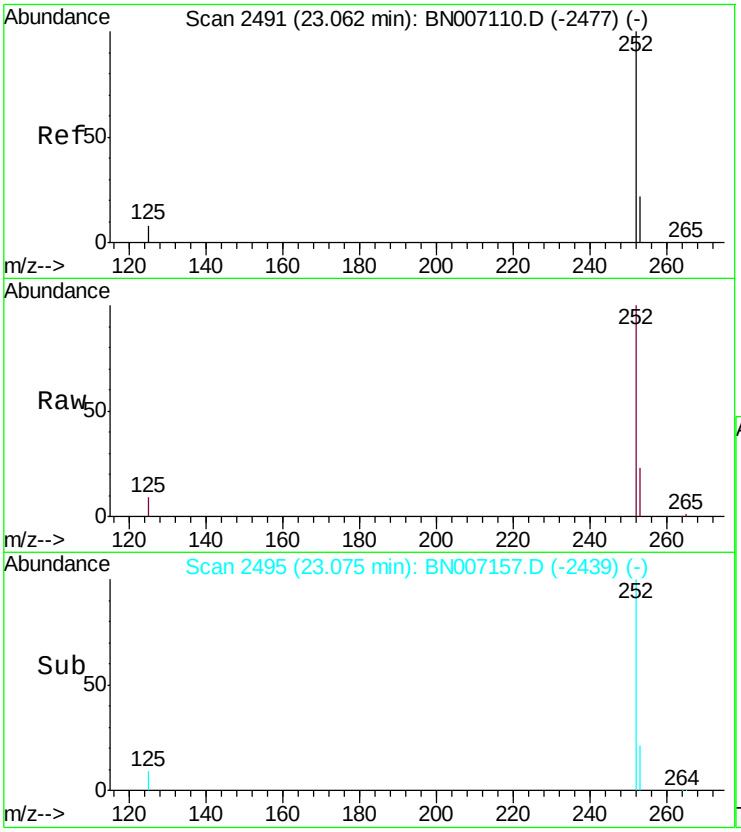


#34
Benzo(k)fluoranthene
Concen: 2.413 ng m
RT: 22.58 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Tgt Ion:252 Resp: 418922

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	9.3	7.4	11.0



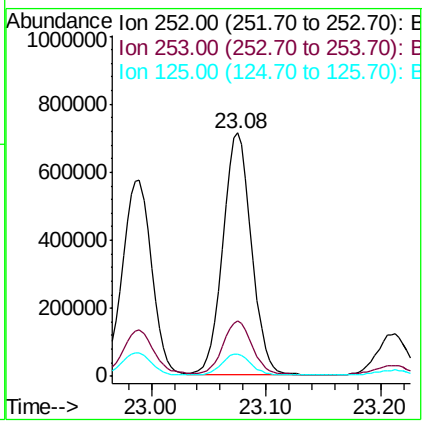


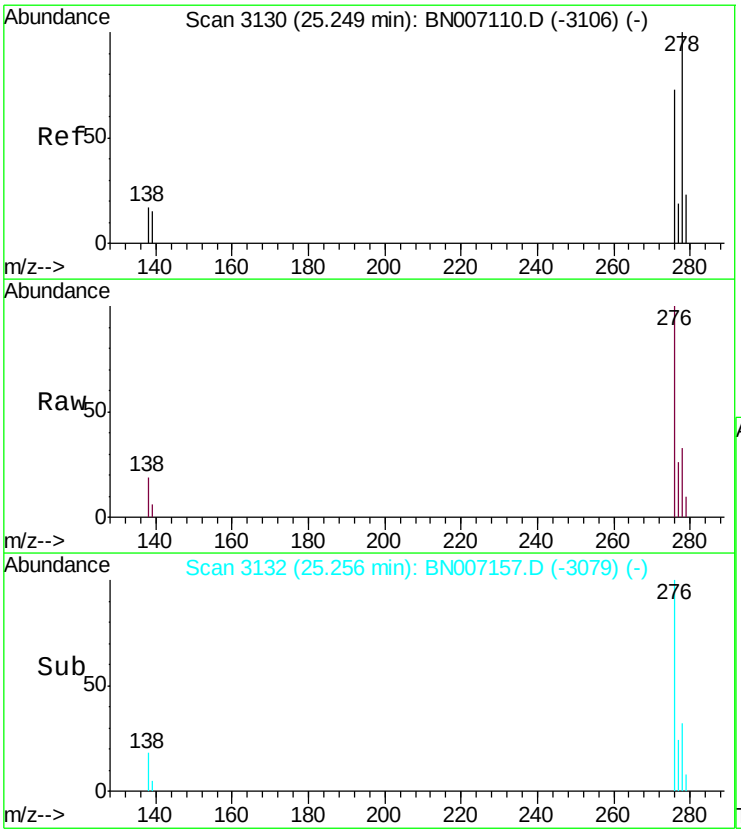
#35
Benzo(a)pyrene
Concen: 7.746 ng
RT: 23.08 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Tgt Ion:252 Resp: 1234756

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	9.3	8.2	12.4

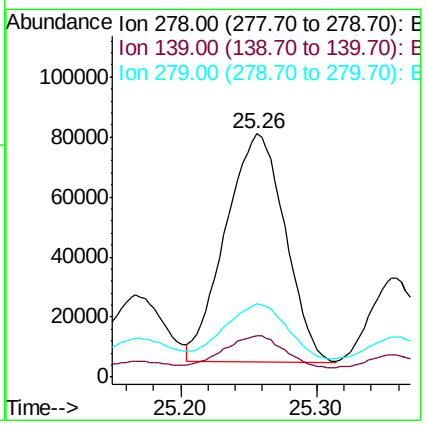


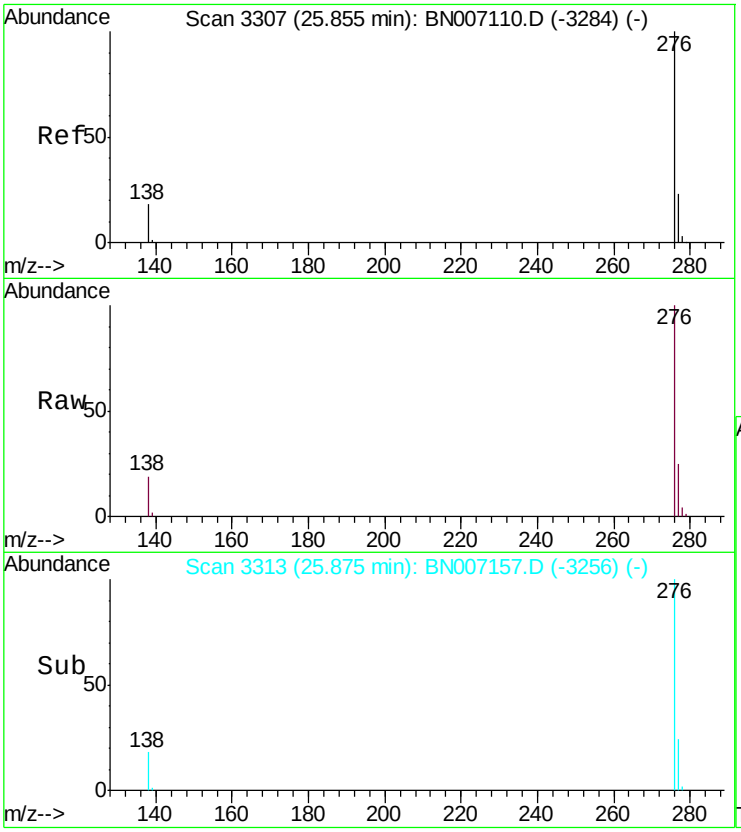


#36
Dibenzo(a,h)anthracene
Concen: 1.450 ng
RT: 25.26 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Tgt Ion:278 Resp: 230609

Ion	Ratio	Lower	Upper
278	100		
139	17.0	11.3	16.9#
279	30.2	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 5.320 ng
RT: 25.88 min Scan# 3313
Delta R.T. -0.00 min
Lab File: BN007157.D
Acq: 14 Aug 2019 07:33

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW093-080519

Tgt Ion:276 Resp: 870333

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.8
138	19.0	14.6	22.0