Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081419\
Data File : BN007176.D
Acq On : 14 Aug 2019 22:53
Operator : HP/JU
Sample : K4282-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 15 11:04:12 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	7400	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	27750	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	15150	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	35460	0.40	ng		0.00
26) Chrysene-d12	21.05	240	35412	0.40	ng		-0.01
32) Perylene-d12	23.16	264	38870	0.40	ng		-0.01
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	4665	0.26	ng		0.00
4) Phenol-d6	6.61	99	6269	0.28	ng		0.00
7) Nitrobenzene-d5	8.55	82	5110	0.23	ng		-0.01
10) 2-Methylnaphthalene-d10	11.79	152	10845	0.21	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	1208	0.15	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	1690	0.08	ng		0.00
24) Fluoranthene-d10	18.87	212	24390	0.19	ng		0.00
28) Terphenyl-d14	19.48	244	18433	0.19	ng		-0.01
Target Compounds							Qvalue
8) Naphthalene	10.24	128	2166	0.028	ng	#	82
11) 2-Methylnaphthalene	11.86	142	1867	0.034	ng	#	89
15) Acenaphthylene	13.79	152	15385	0.194	ng		99
16) Acenaphthene	14.13	154	1052	0.021	ng	#	90
17) Fluorene	15.12	166	2889	0.038	ng	#	71
22) Phenanthrene	16.87	178	28114	0.265	ng		99
23) Anthracene	16.95	178	6148	0.063	ng	#	96
25) Fluoranthene	18.90	202	56157	0.413	ng		99
27) Pyrene	19.26	202	76479	0.616	ng		98
29) Benzo(a)anthracene	21.08	228	41224	0.318	ng		92
30) Chrysene	21.08	228	40986	0.326	ng		95
31) Indeno(1,2,3-cd)pyrene	25.23	276	22659	0.163	ng		99
33) Benzo(b)fluoranthene	22.53	252	44326	0.333	ng	#	91
34) Benzo(k)fluoranthene	22.53	252	44326	0.337	ng	#	91
35) Benzo(a)pyrene	23.07	252	33007	0.273	ng	#	92
36) Dibenzo(a,h)anthracene	25.24	278	5814	0.048	ng	#	48
37) Benzo(g,h,i)perylene	25.86	276	26474	0.213	ng	#	92

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

Quantitation Report (Not Reviewed)

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Data File : BN007176.D
Acq On : 14 Aug 2019 22:53
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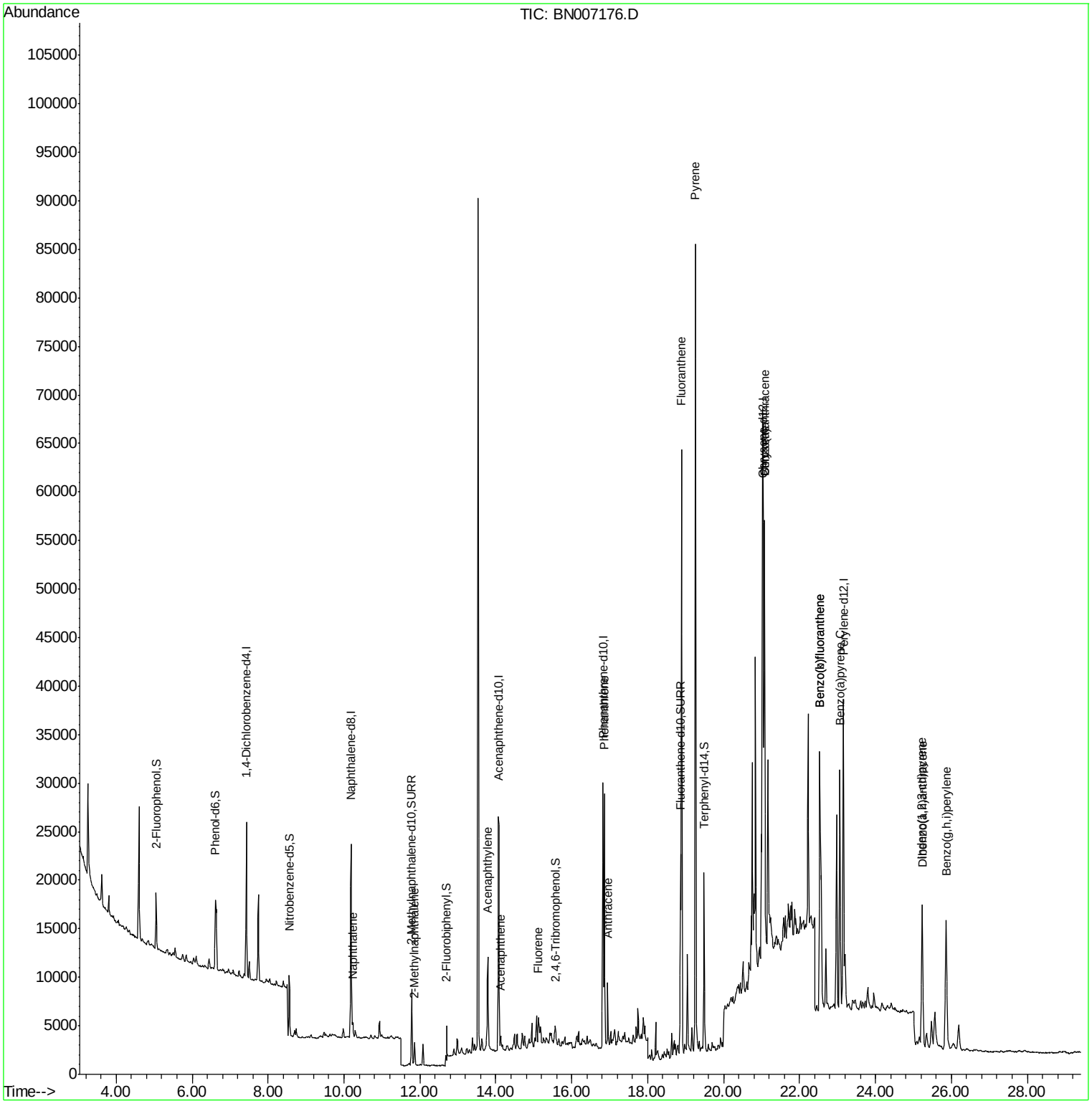
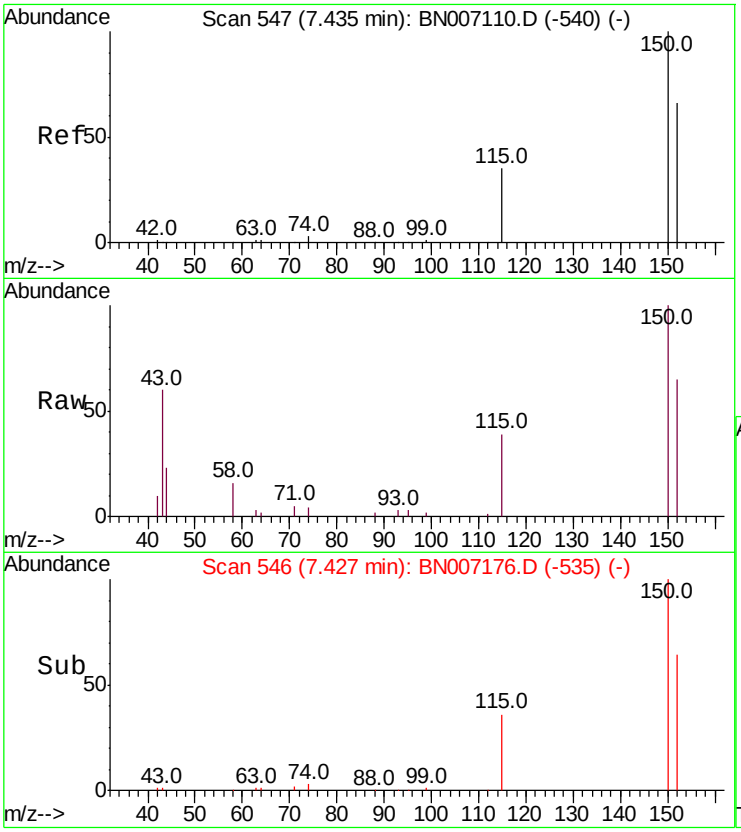
Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 15 11:04:12 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



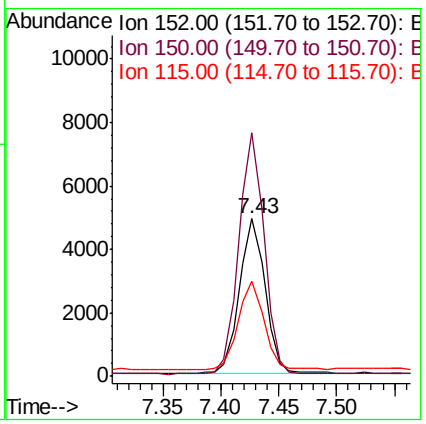


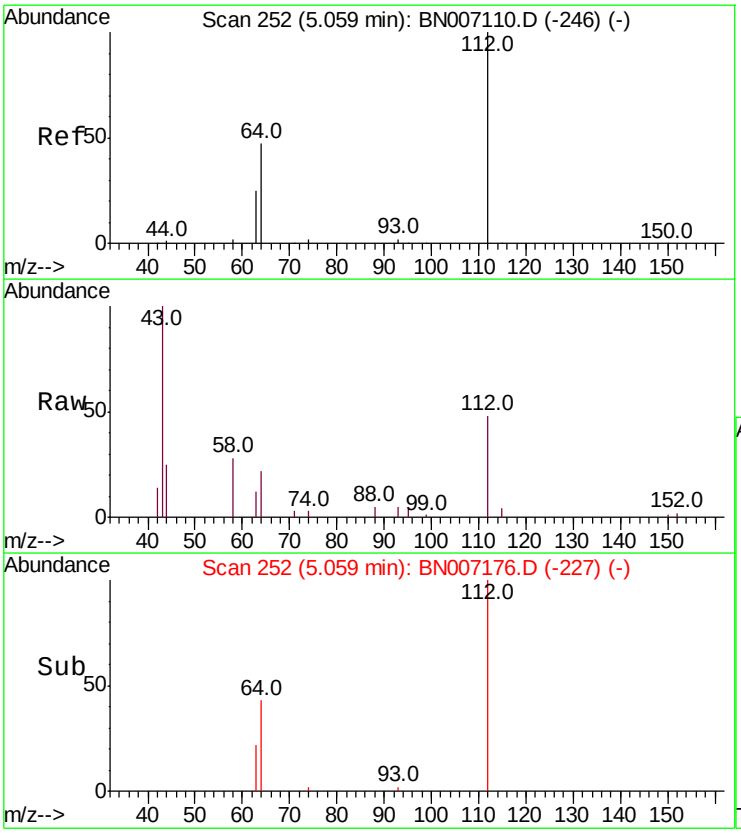
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7400

Ion	Ratio	Lower	Upper
152	100		
150	154.4	121.7	182.5
115	60.4	46.2	69.4

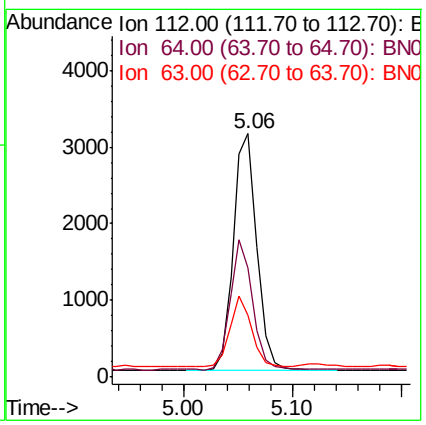


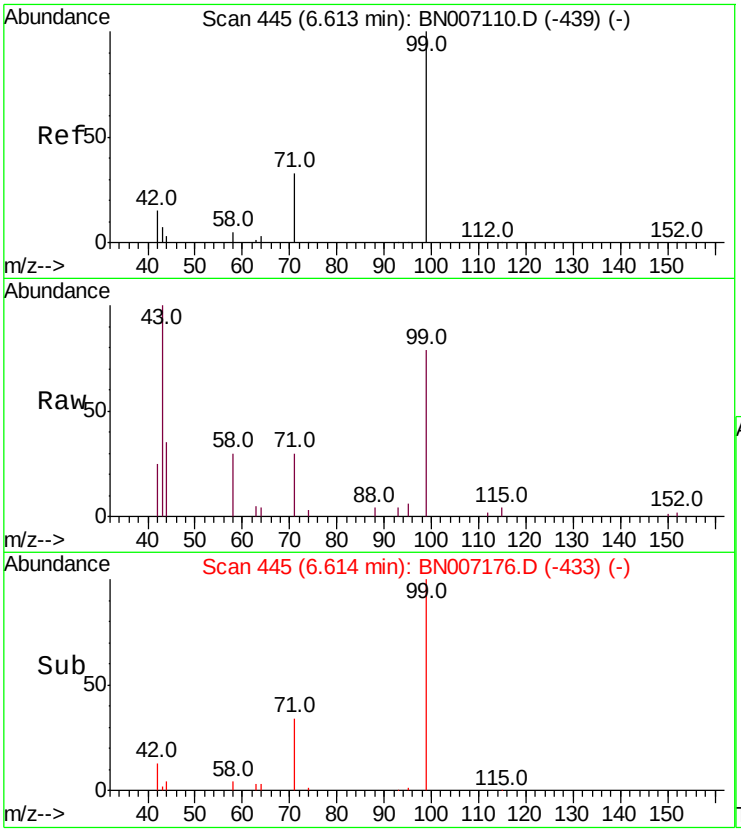


#3
2-Fluorophenol
Concen: 0.262 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Tgt Ion:112 Resp: 4665

Ion	Ratio	Lower	Upper
112	100		
64	51.7	42.6	63.8
63	27.3	22.2	33.2



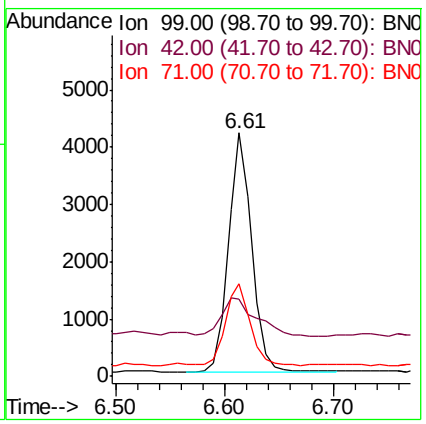


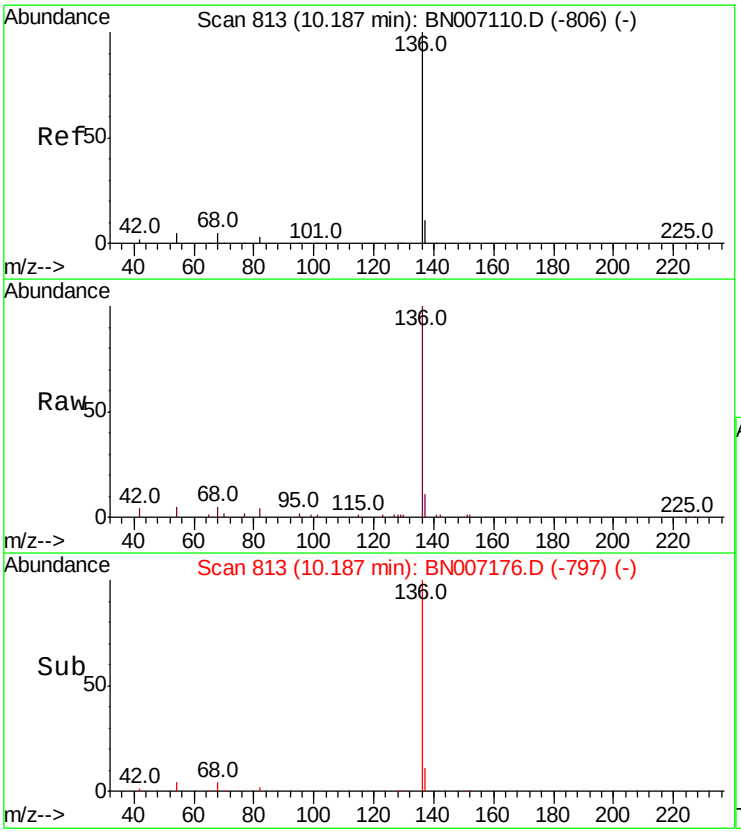
#4
Phenol-d6
Concen: 0.285 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6269

Ion	Ratio	Lower	Upper
99	100		
42	23.8	15.8	23.6#
71	35.5	27.0	40.4

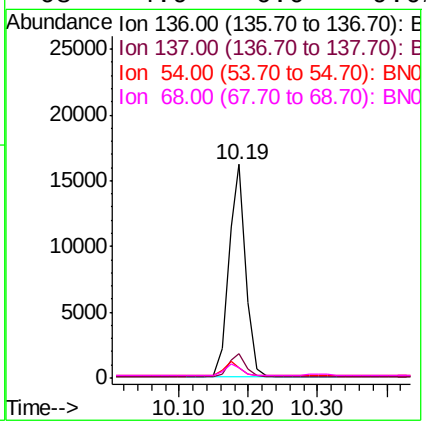


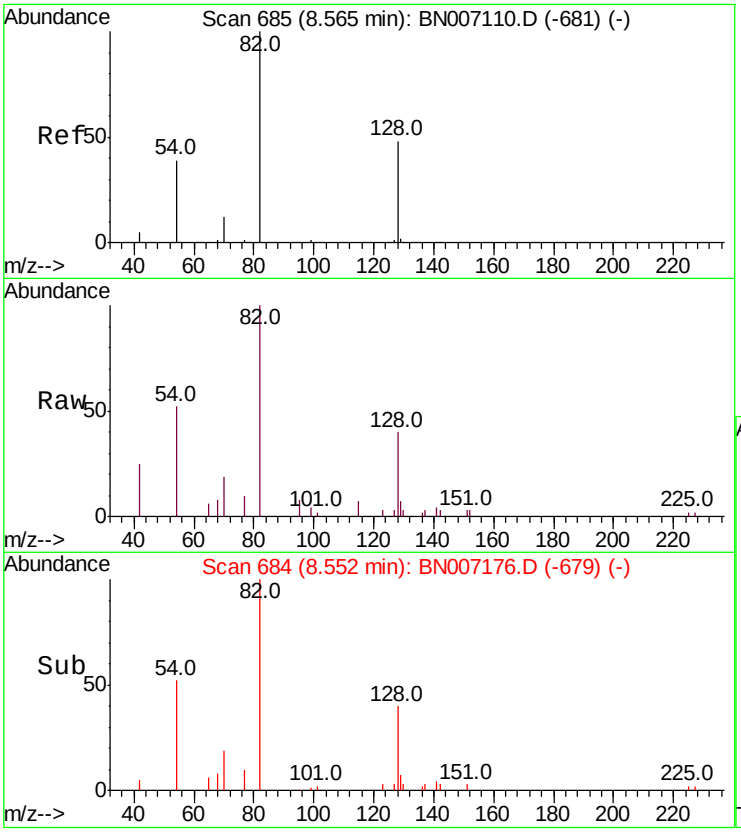


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Tgt Ion:136 Resp: 27750

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	4.9	6.6	9.8#
68	4.9	6.0	9.0#



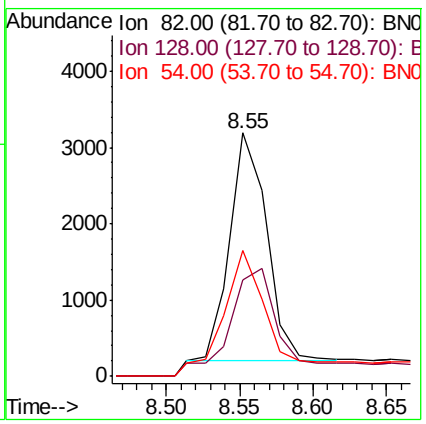


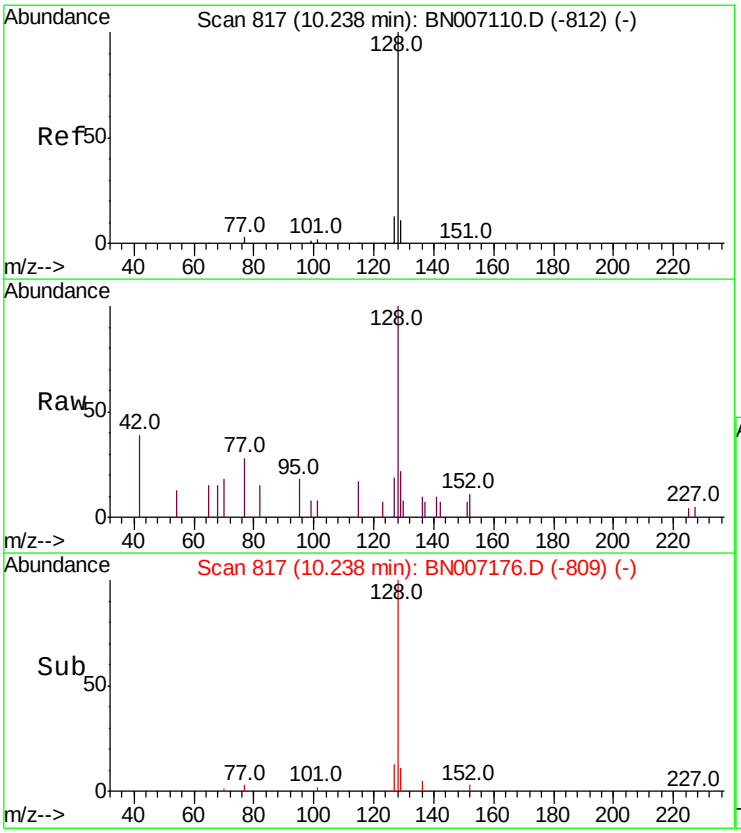
#7
Nitrobenzene-d5
Concen: 0.228 ng
RT: 8.55 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 5110

Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.6	51.8
54	51.5	36.2	54.4

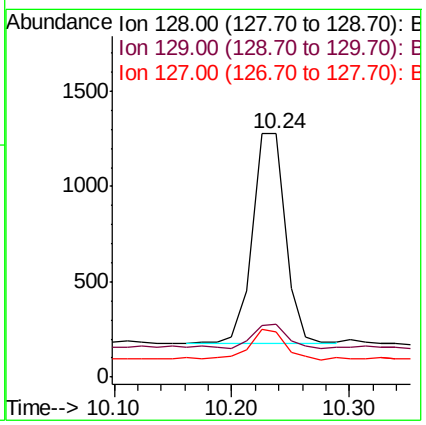


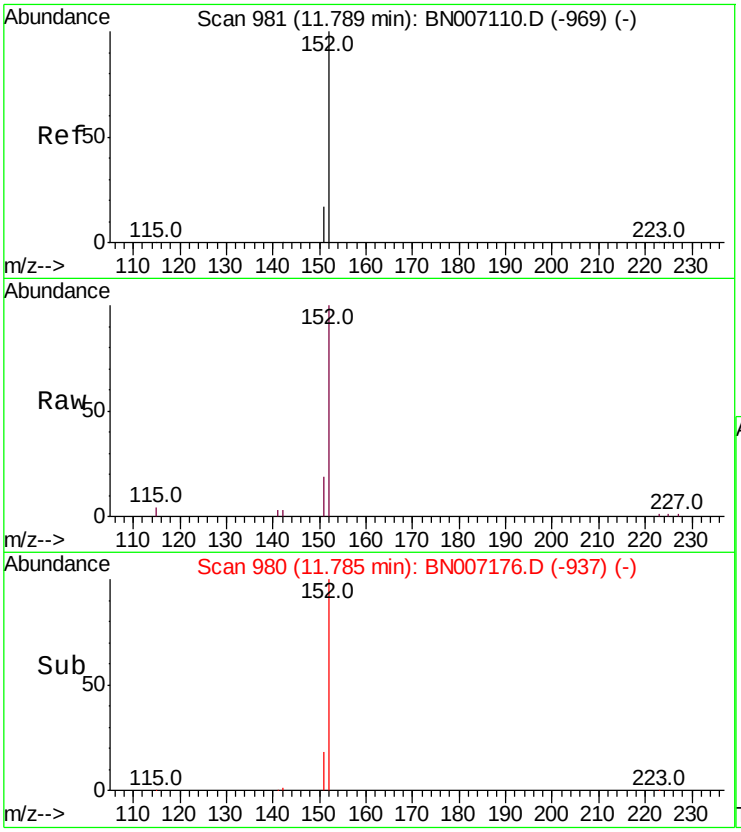


#8
Naphthalene
Concen: 0.028 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Tgt Ion:128 Resp: 2166

Ion	Ratio	Lower	Upper
128	100		
129	21.7	9.4	14.2#
127	18.6	11.0	16.6#



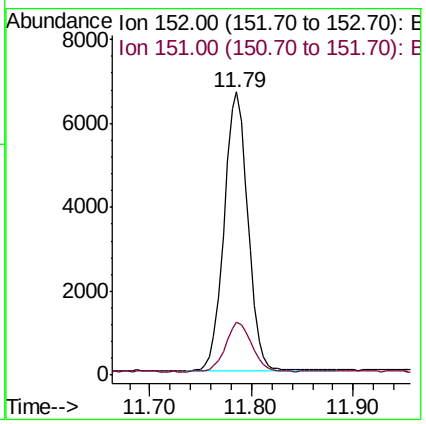


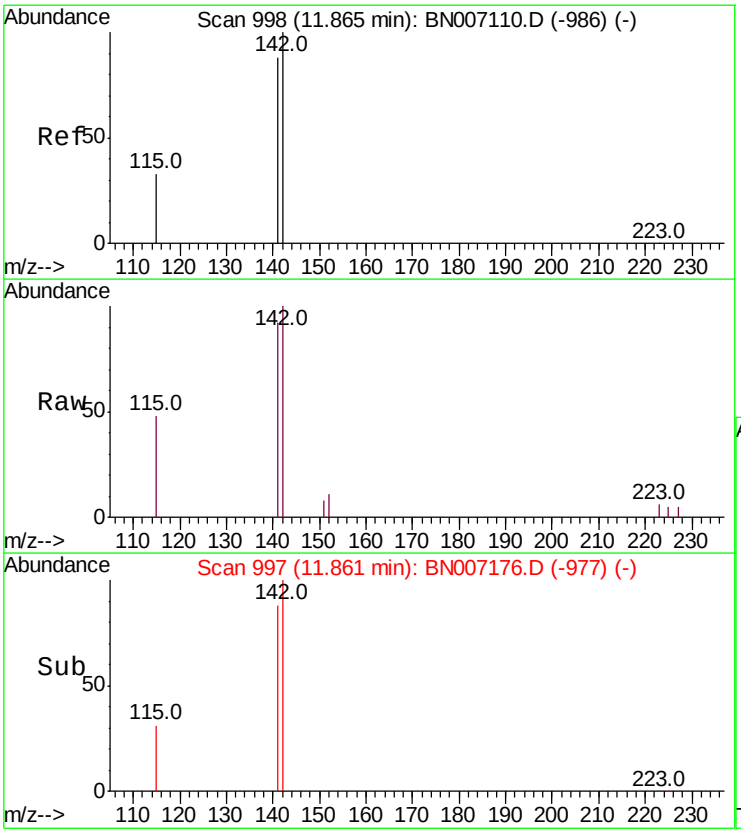
#10
2-Methylnaphthalene-d10
Concen: 0.210 ng
RT: 11.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10845

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3

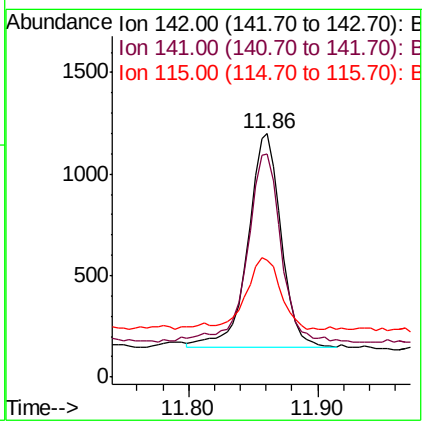


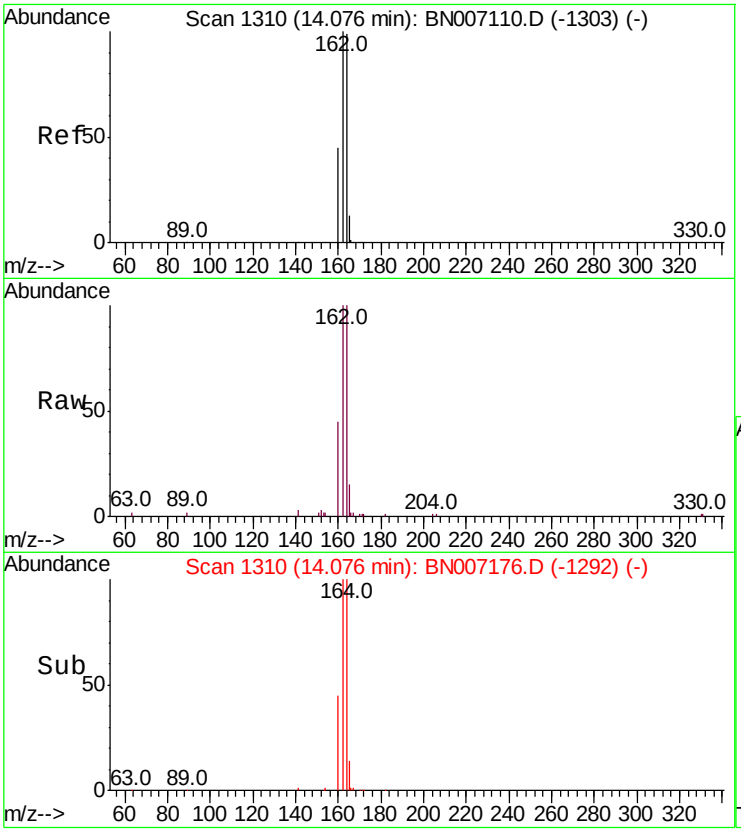


#11
2-Methylnaphthalene
Concen: 0.034 ng
RT: 11.86 min Scan# 997
Delta R.T. -0.01 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Tgt Ion:142 Resp: 1867

Ion	Ratio	Lower	Upper
142	100		
141	91.9	69.0	103.6
115	48.0	27.1	40.7#



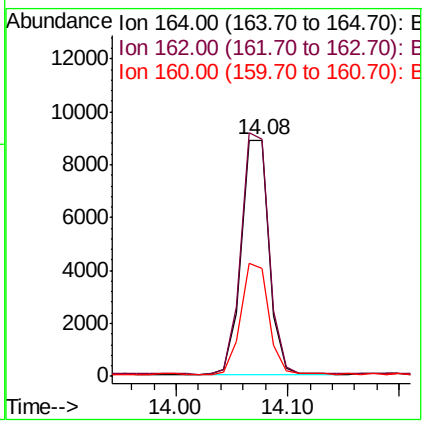


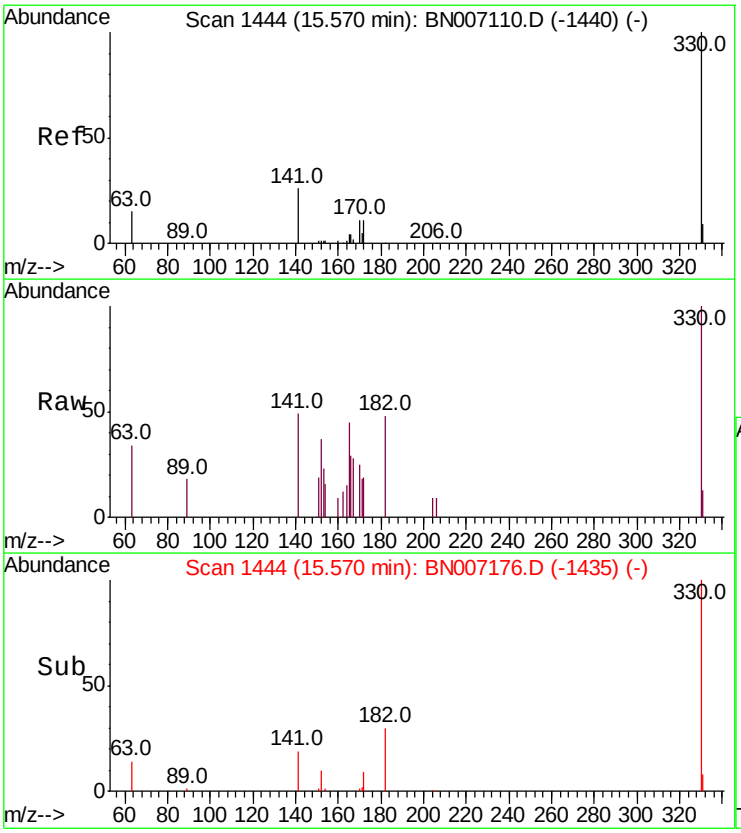
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 15150

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.2	123.4
160	45.6	38.3	57.5

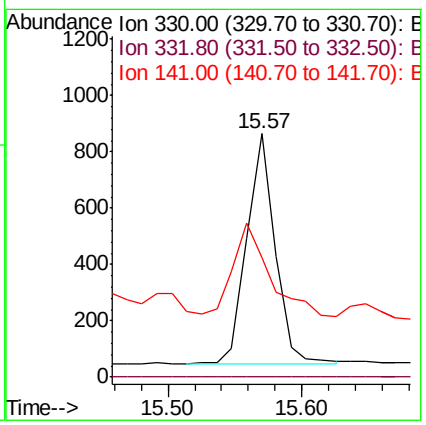


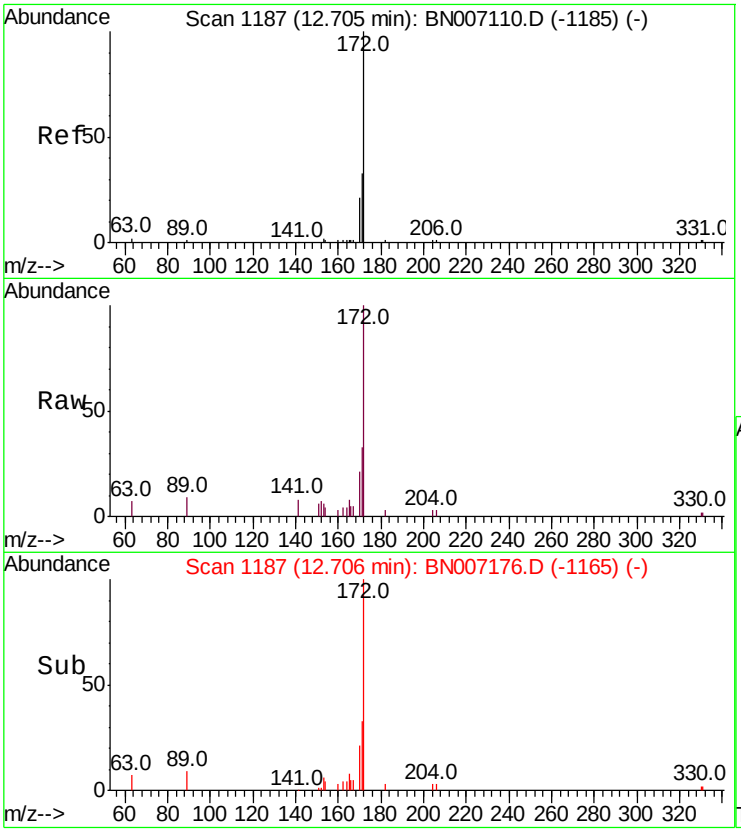


#13
2,4,6-Tribromophenol
Concen: 0.148 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Tgt Ion:330 Resp: 1208

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	52.6	33.6	50.4#



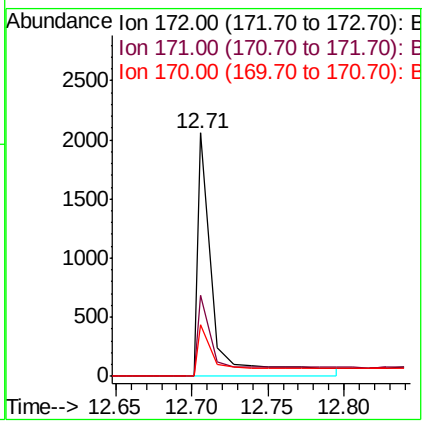


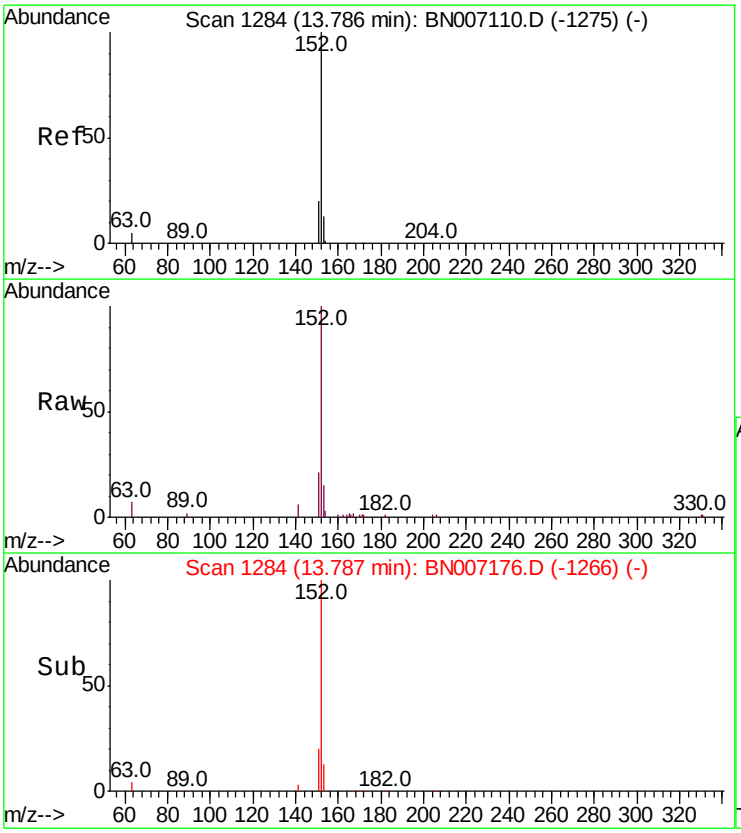
#14
2-Fluorobiphenyl
Concen: 0.077 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 1690

Ion	Ratio	Lower	Upper
172	100		
171	33.1	26.3	39.5
170	21.0	17.0	25.4

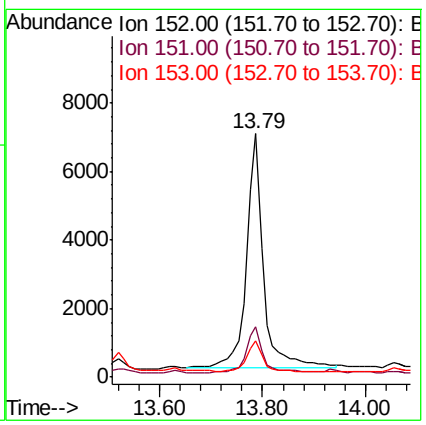


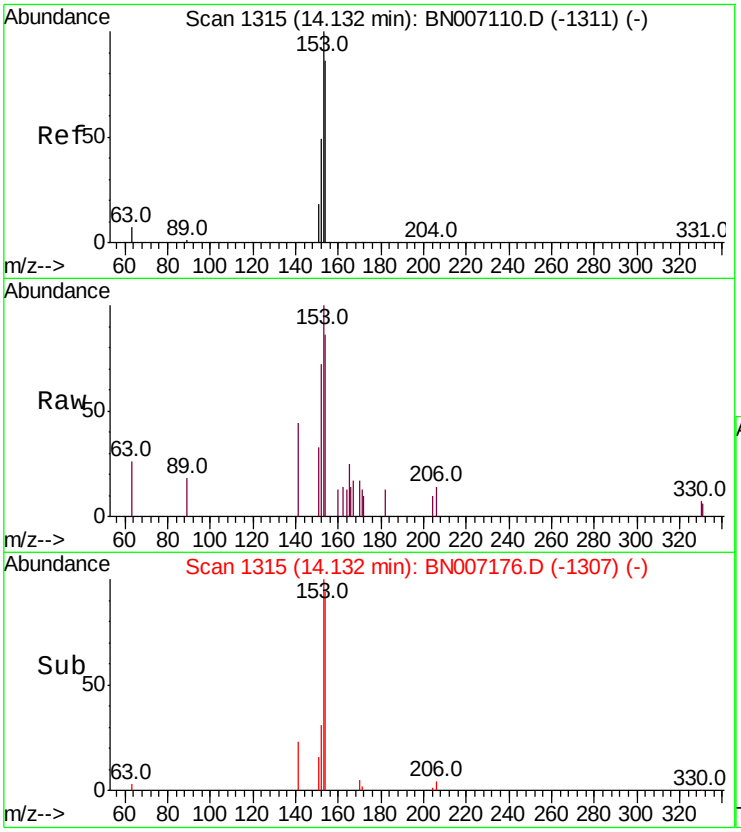


#15
Acenaphthylene
Concen: 0.194 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Tgt Ion:152 Resp: 15385

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	12.6	10.4	15.6



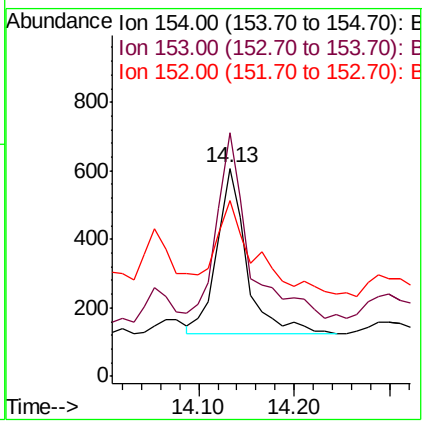


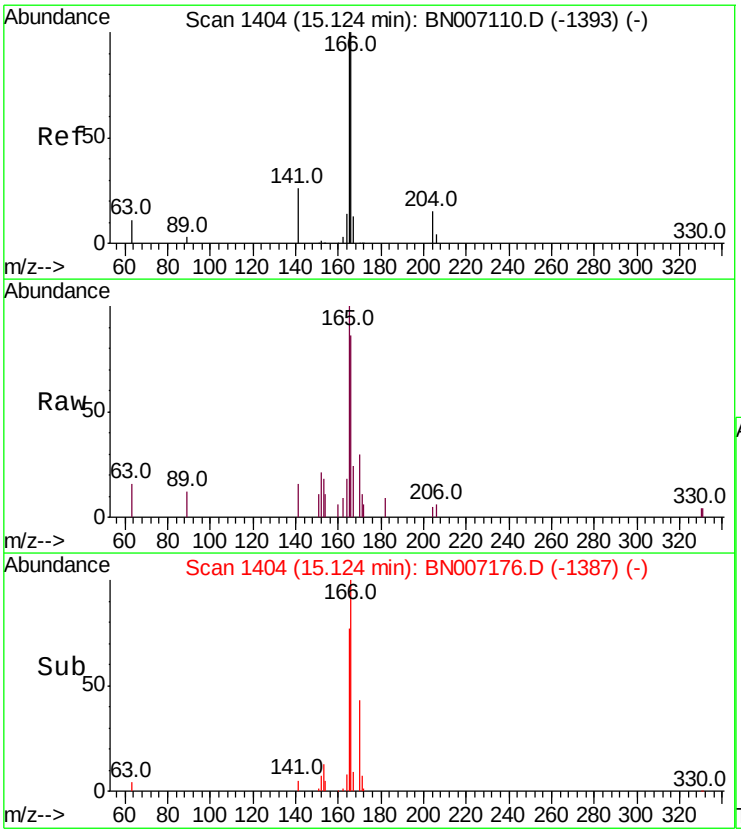
#16
Acenaphthene
Concen: 0.021 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 1052

Ion	Ratio	Lower	Upper
154	100		
153	117.6	89.5	134.3
152	70.1	44.8	67.2#

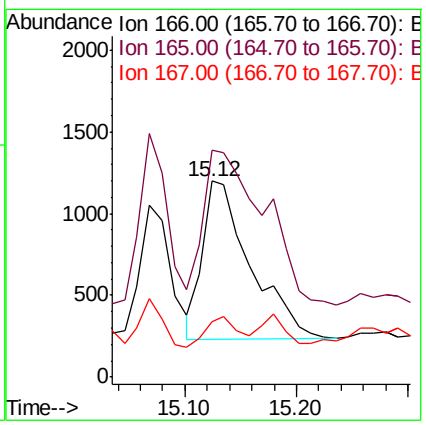


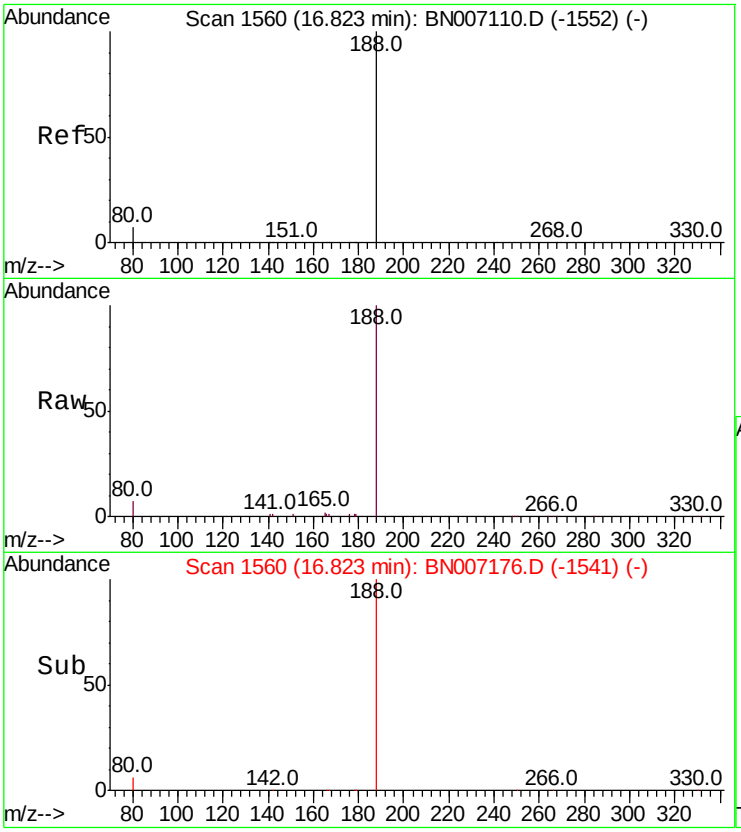


#17
Fluorene
Concen: 0.038 ng
RT: 15.12 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Tgt Ion:166 Resp: 2889

Ion	Ratio	Lower	Upper
166	100		
165	129.5	77.9	116.9#
167	13.3	10.9	16.3



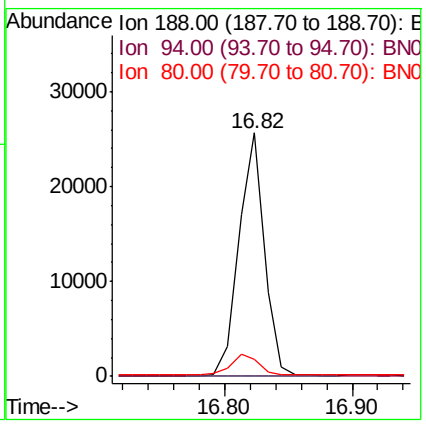


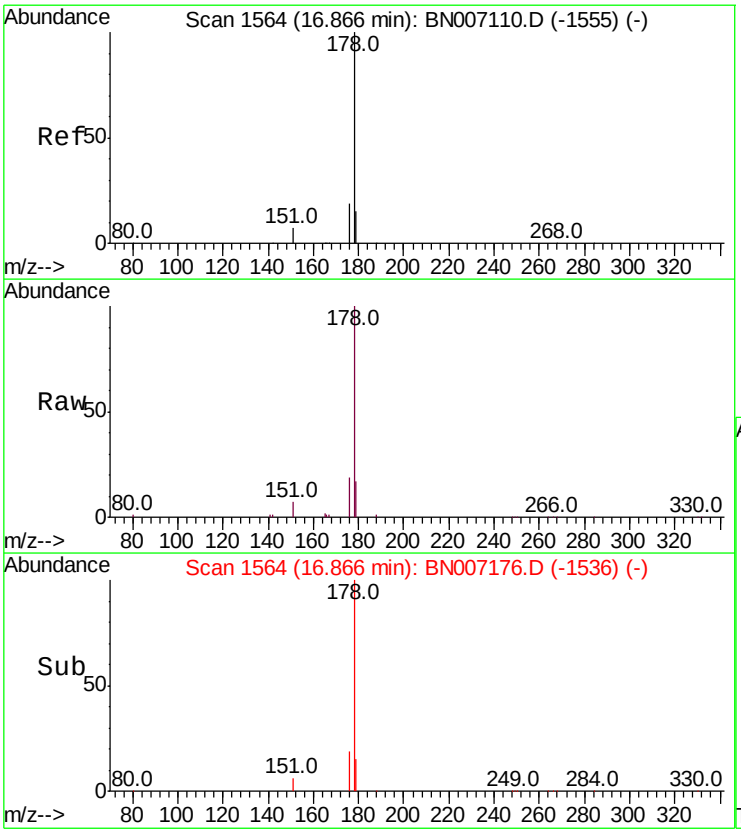
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 35460

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	7.8	11.6#

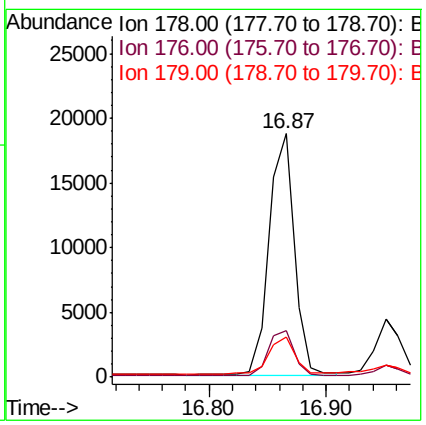


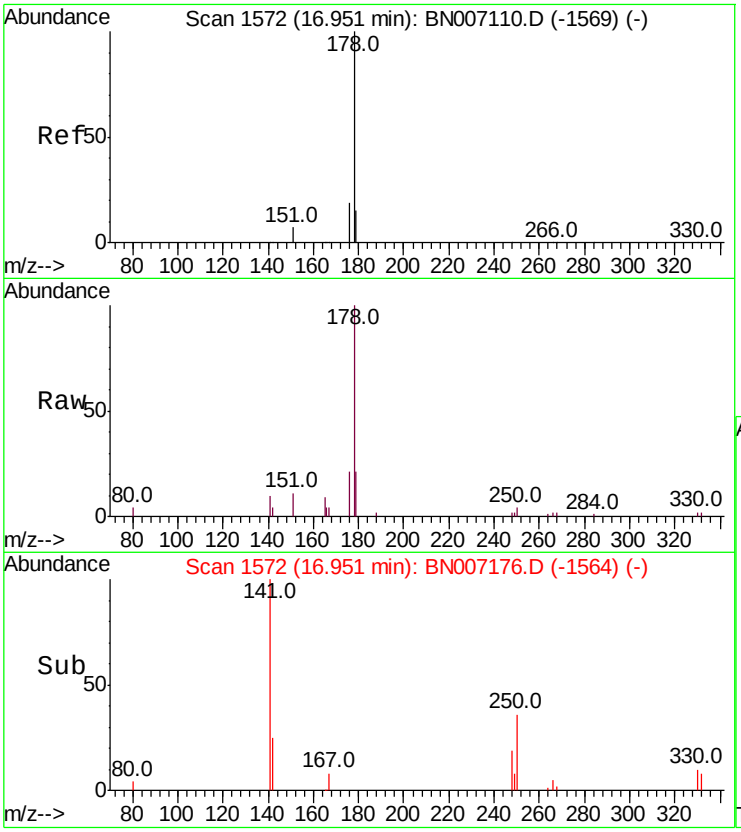


#22
Phenanthrene
Concen: 0.265 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Tgt Ion:178 Resp: 28114

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	16.4	12.3	18.5



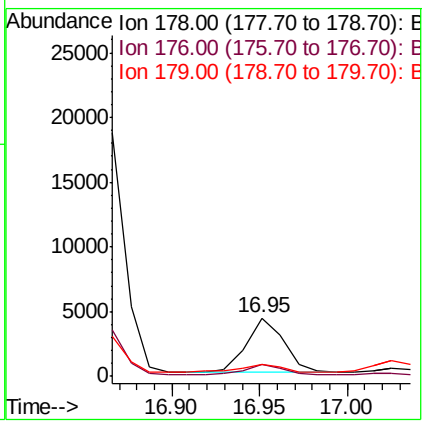


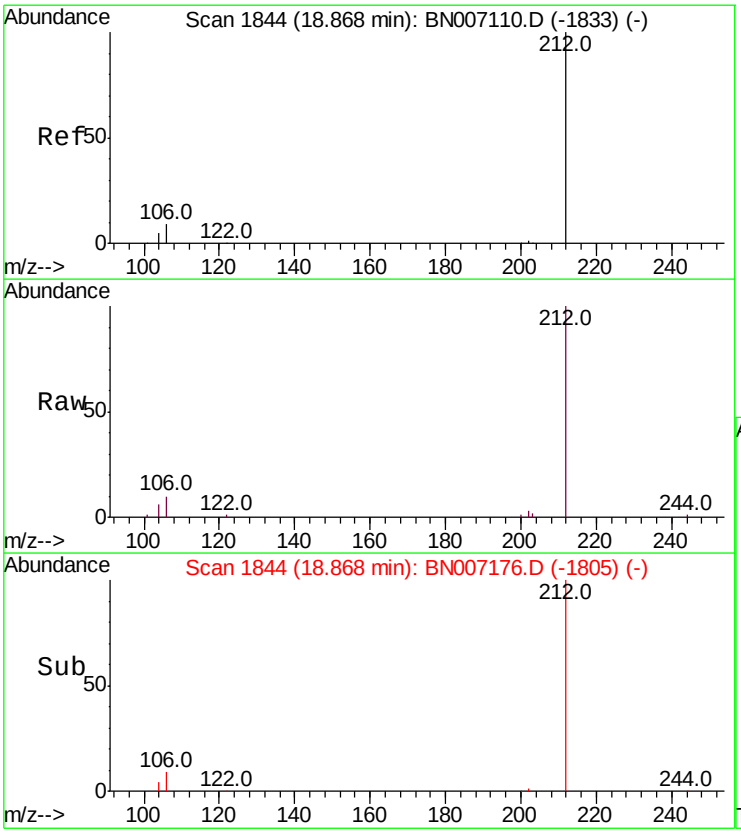
#23
Anthracene
Concen: 0.063 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 6148

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	19.2	12.5	18.7#

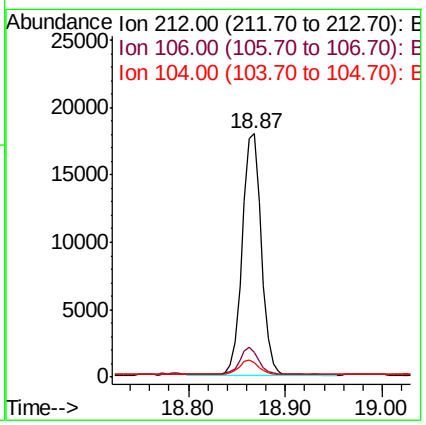


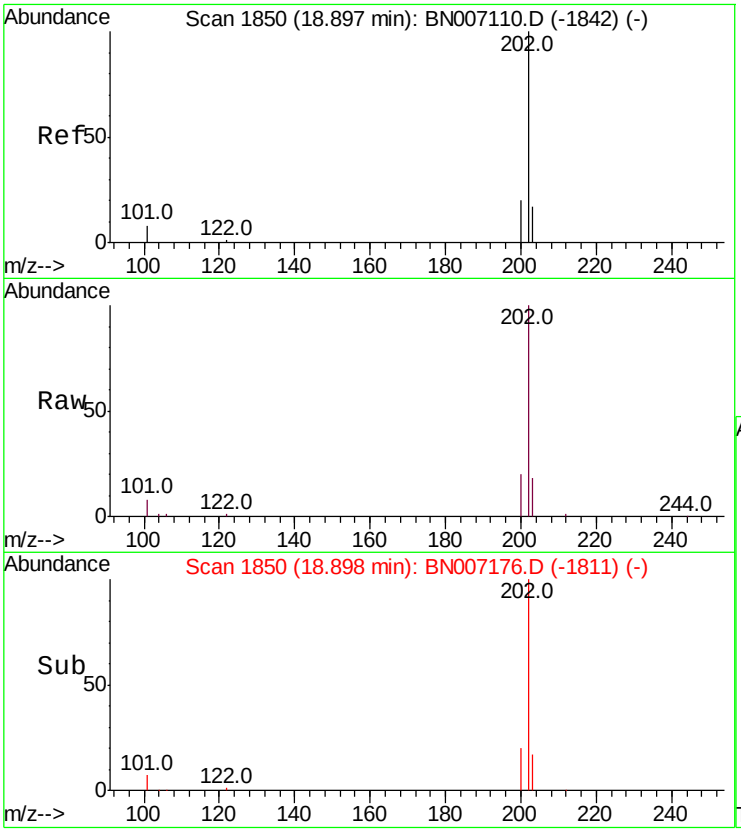


#24
Fluoranthene-d10
Concen: 0.194 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Tgt Ion:212 Resp: 24390

Ion	Ratio	Lower	Upper
212	100		
106	10.7	8.2	12.2
104	6.3	4.5	6.7



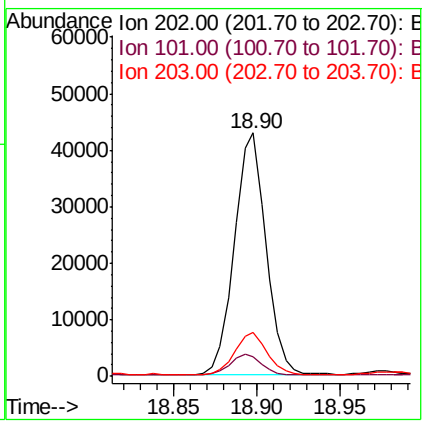


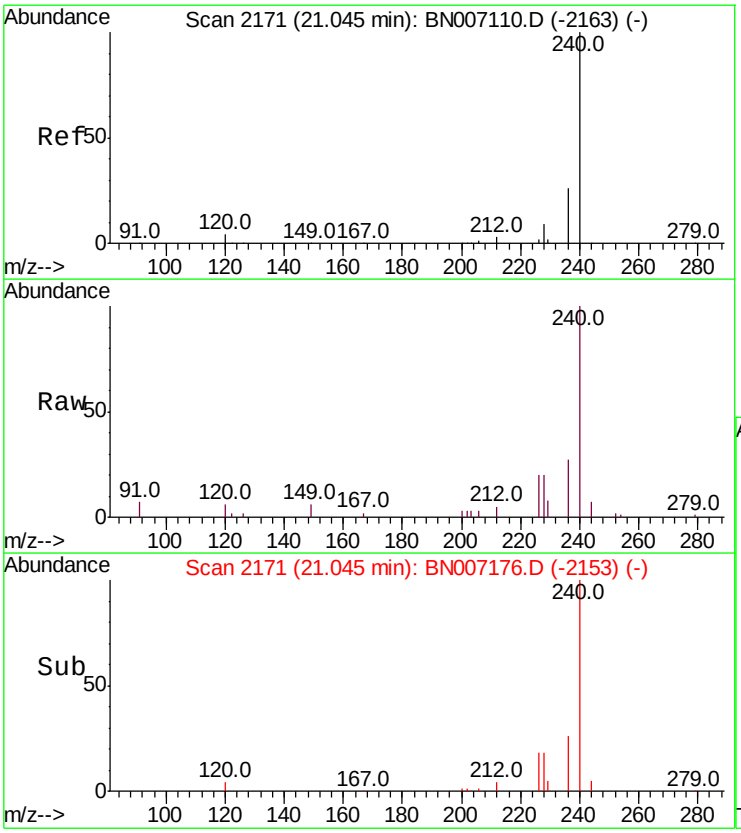
#25
Fluoranthene
Concen: 0.413 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 56157

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.0	10.4
203	17.7	13.8	20.8

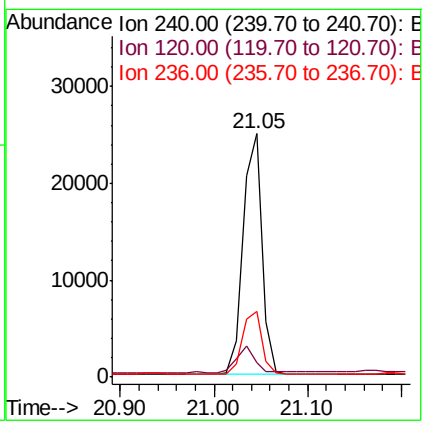


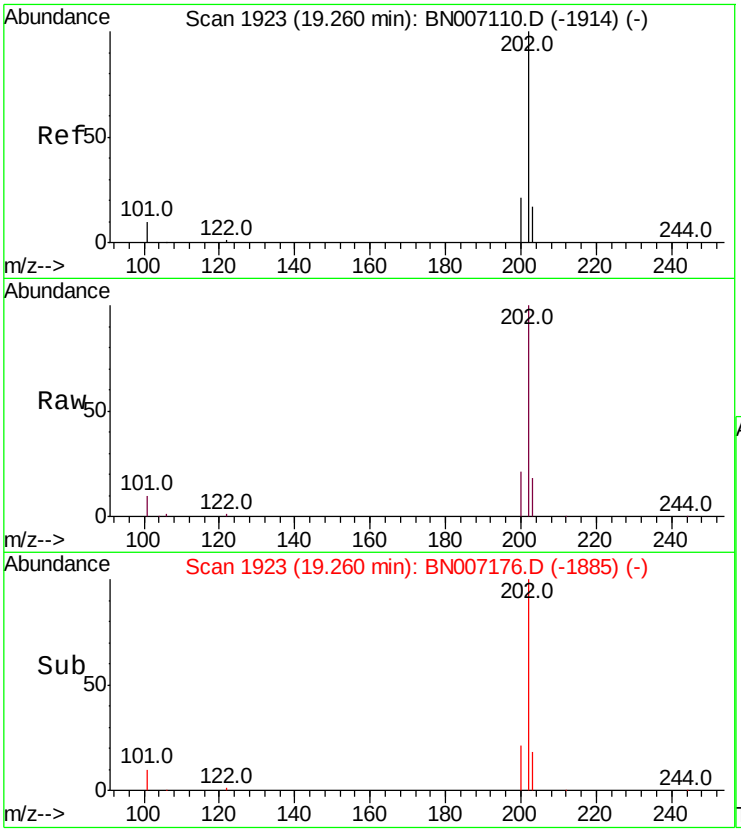


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Tgt Ion:240 Resp: 35412

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.0	6.0#
236	27.2	21.3	31.9



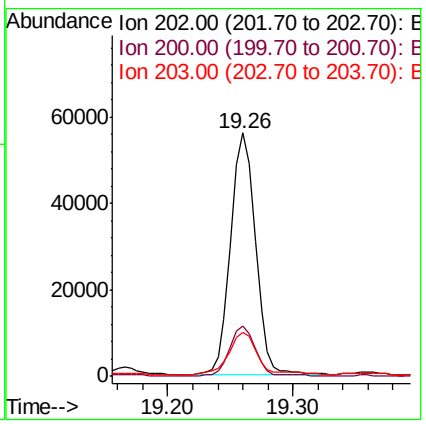


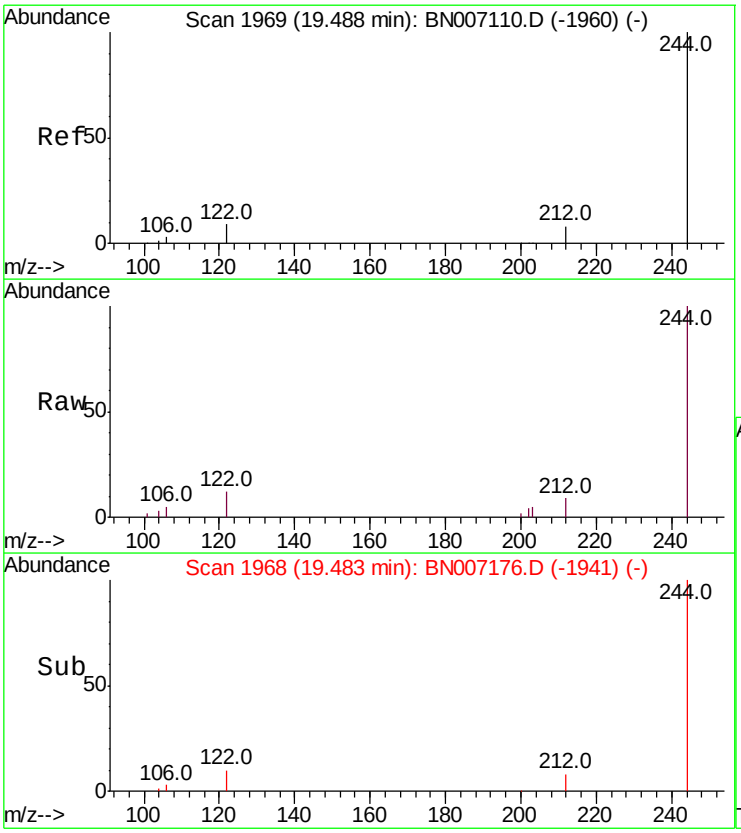
#27
Pyrene
Concen: 0.616 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 76479

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	19.1	14.0	21.0

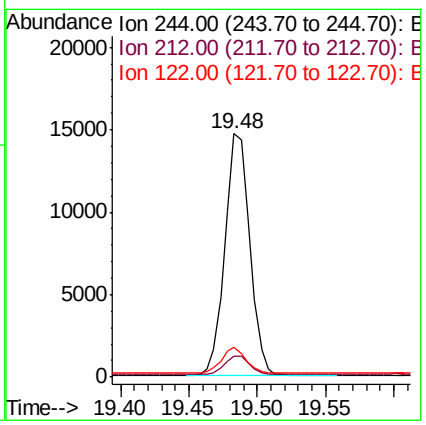


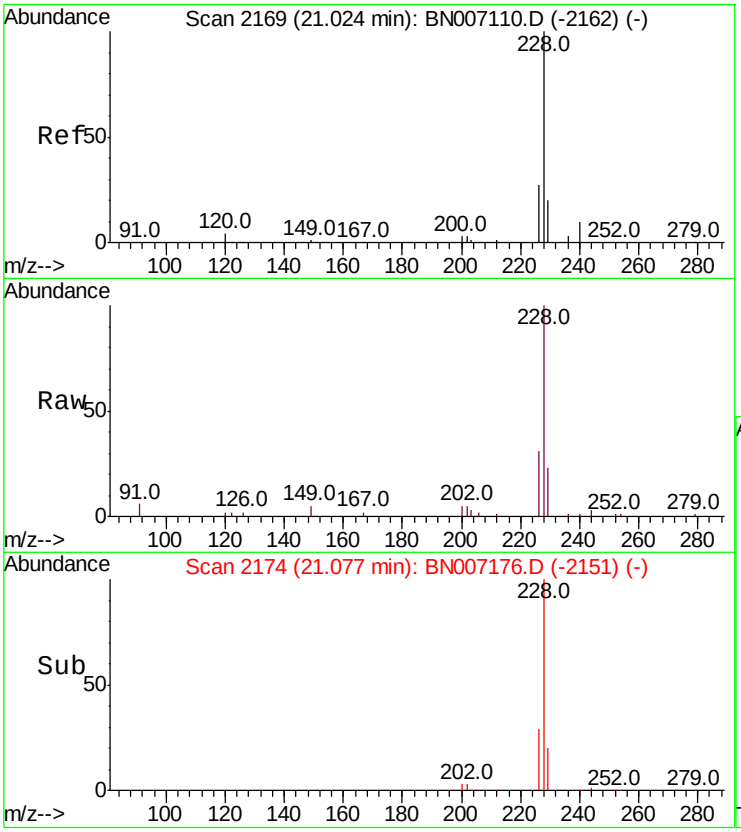


#28
Terphenyl-d14
Concen: 0.191 ng
RT: 19.48 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Tgt Ion:244 Resp: 18433

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.2	9.2
122	12.1	7.4	11.2#



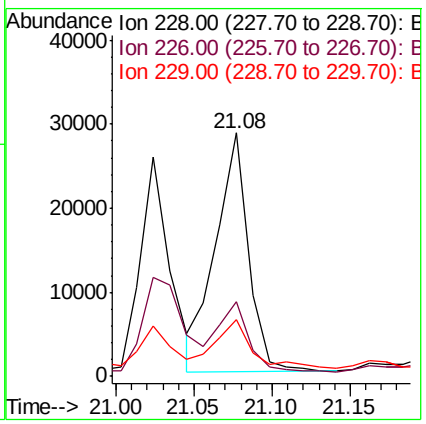


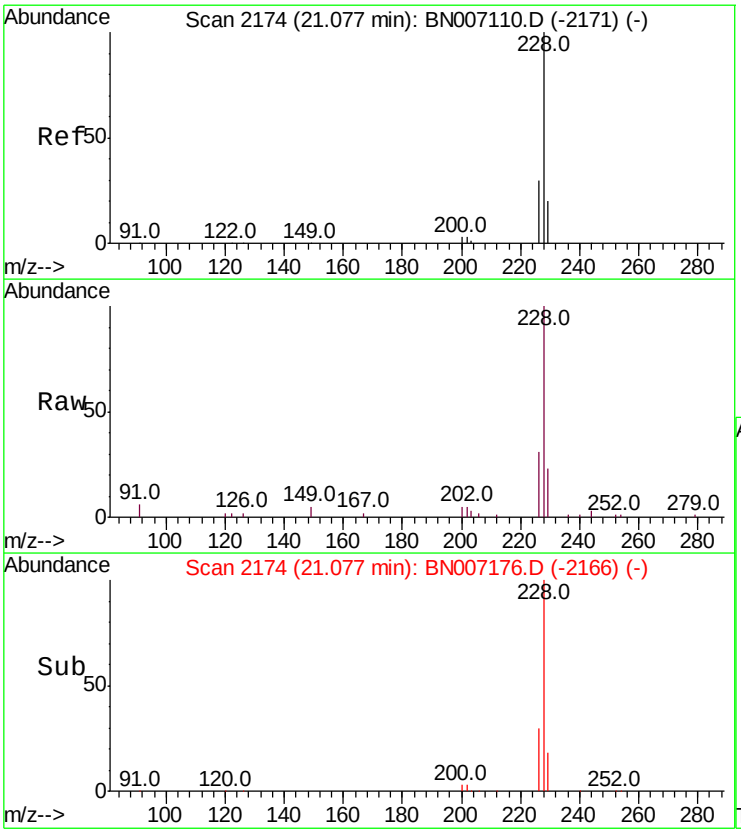
#29
Benzo(a)anthracene
Concen: 0.318 ng
RT: 21.08 min Scan# 2174
Delta R.T. 0.04 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 41224

Ion	Ratio	Lower	Upper
228	100		
226	30.9	21.8	32.6
229	23.4	15.6	23.4

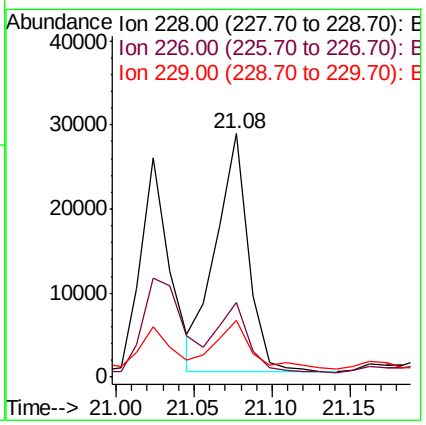


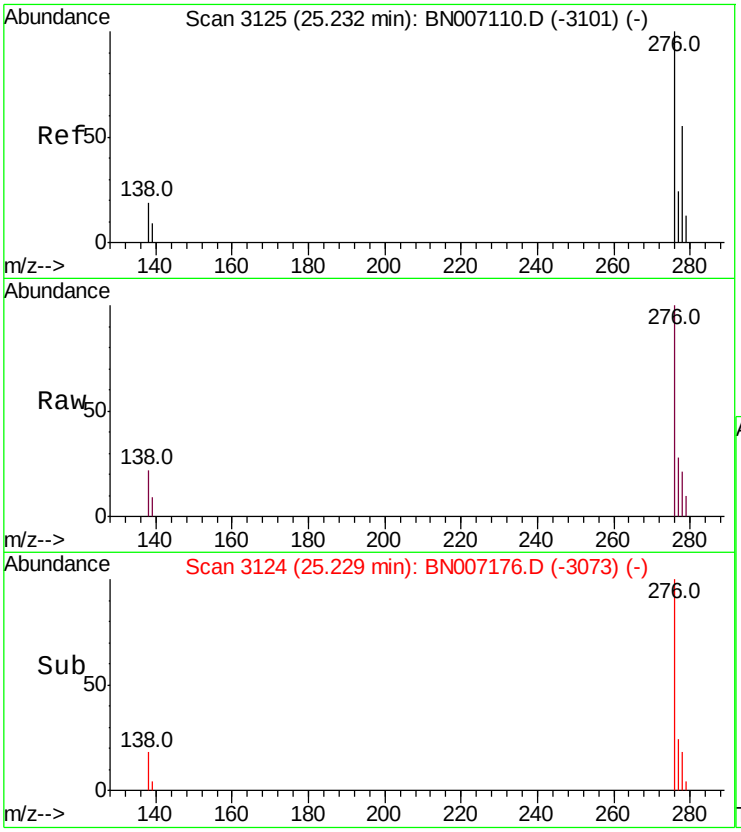


#30
Chrysene
Concen: 0.326 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Tgt Ion:228 Resp: 40986

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.8	35.6
229	23.4	15.7	23.5



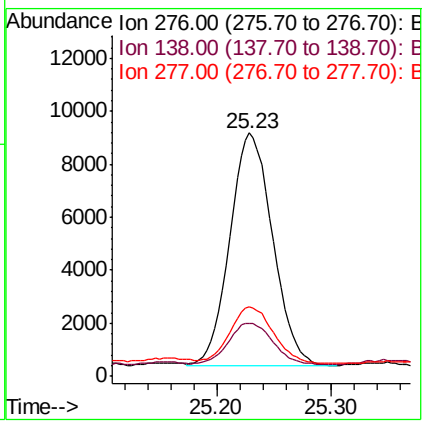


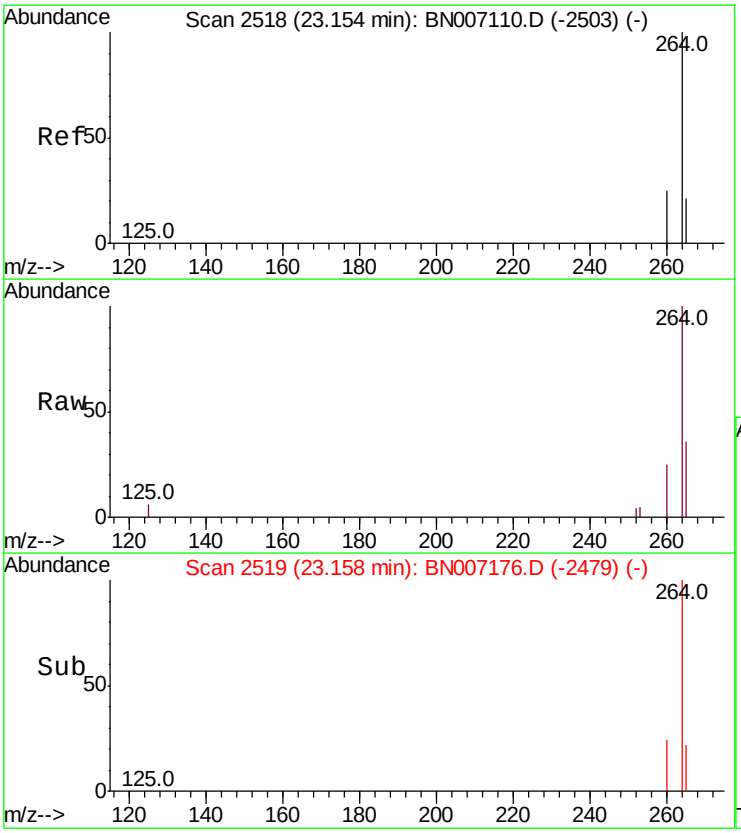
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.163 ng
RT: 25.23 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 22659

Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.0	24.0
277	25.0	19.9	29.9

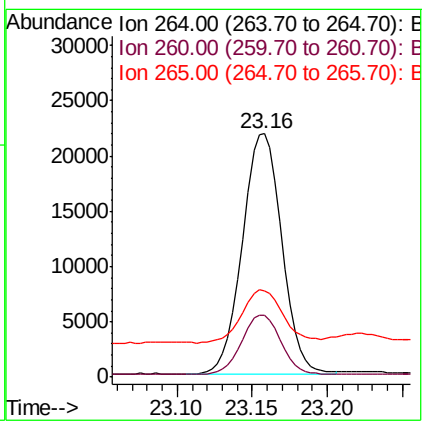


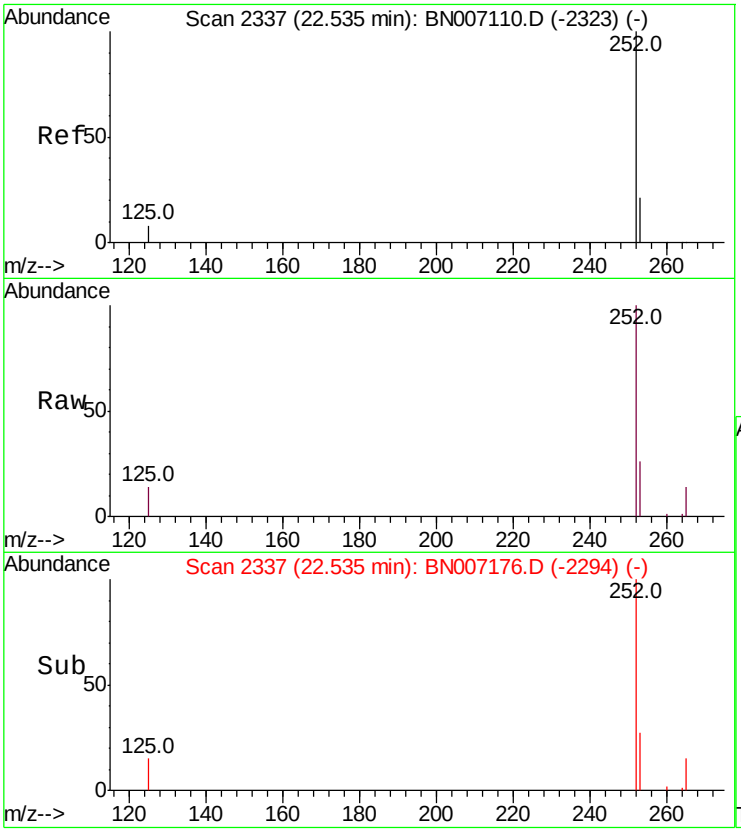


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Tgt Ion:264 Resp: 38870

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.8
265	35.6	26.2	39.4



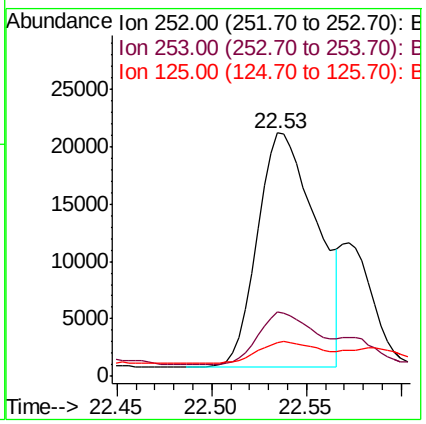


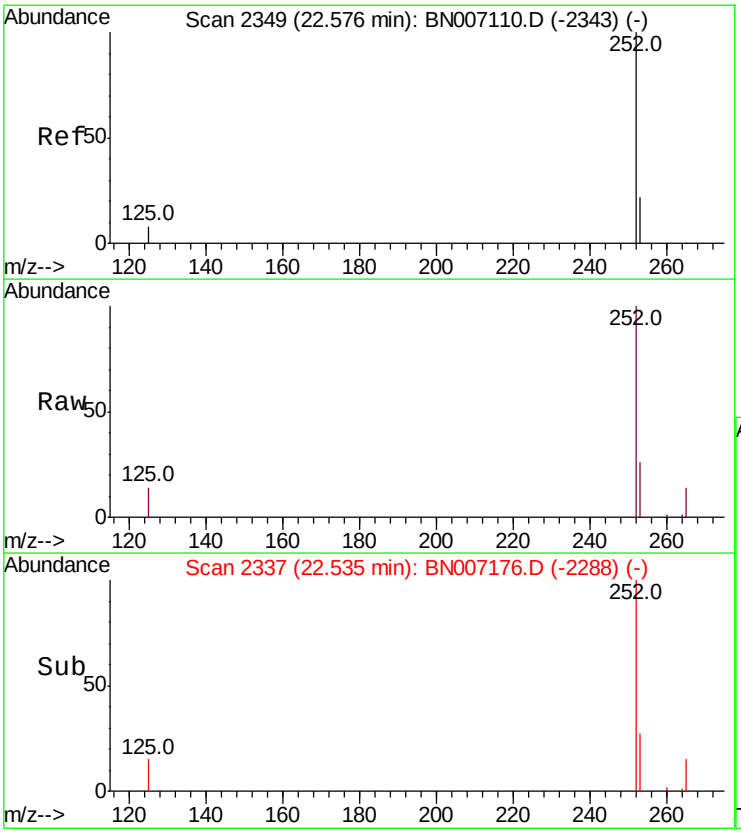
#33
Benzo(b)fluoranthene
Concen: 0.333 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 44326

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.2	27.2
125	14.0	7.4	11.0#

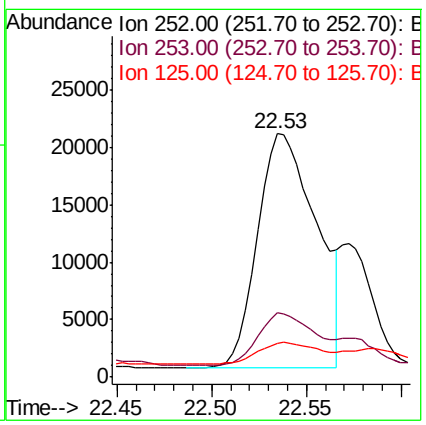


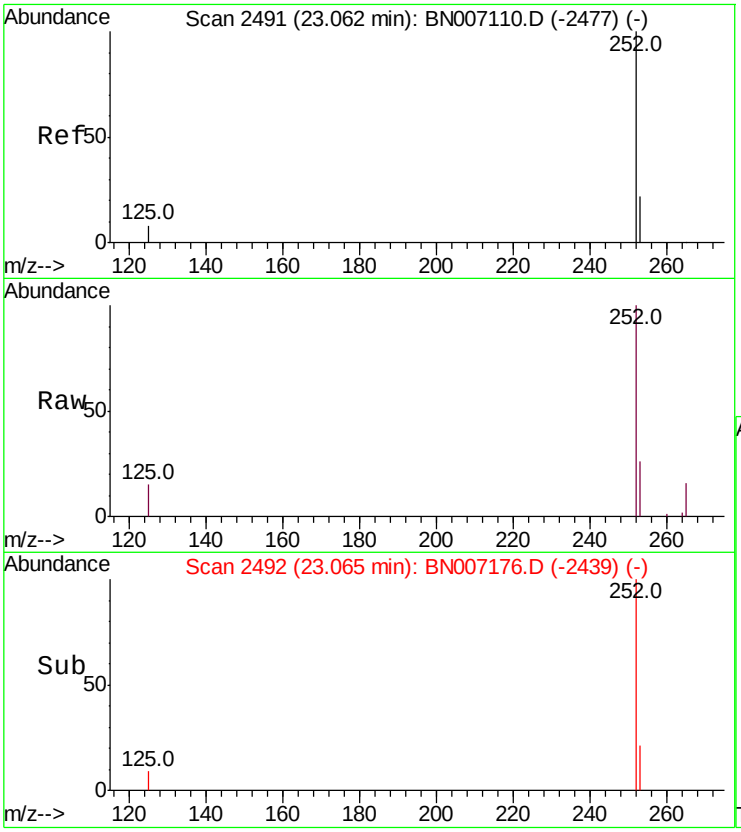


#34
Benzo(k)fluoranthene
Concen: 0.337 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.05 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Tgt Ion:252 Resp: 44326

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.1	27.1
125	14.0	7.4	11.0#



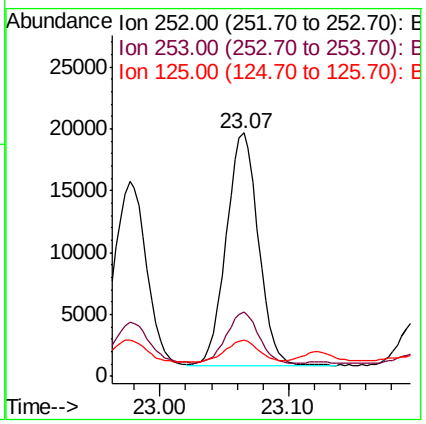


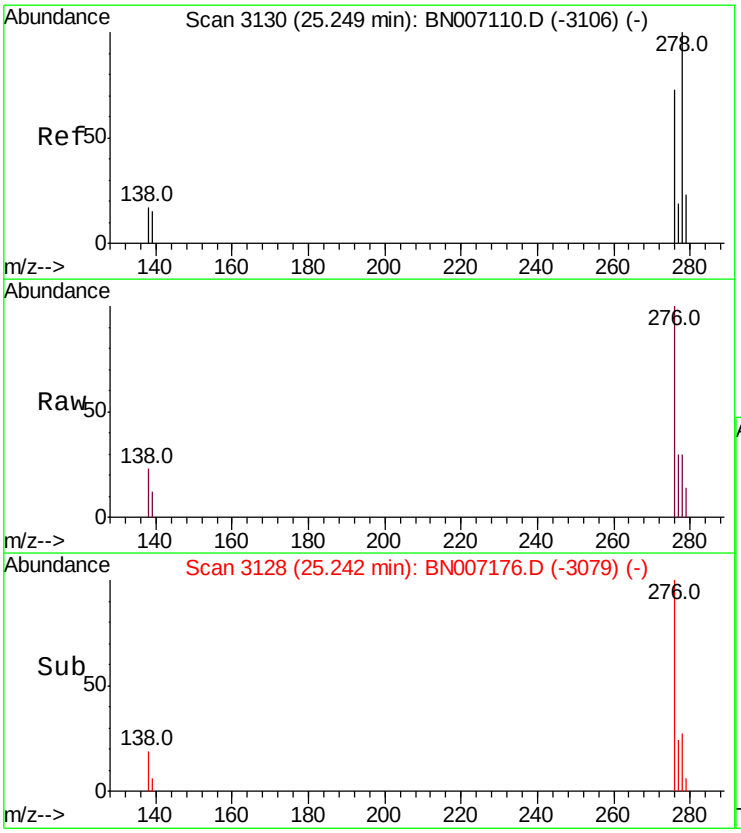
#35
Benzo(a)pyrene
Concen: 0.273 ng
RT: 23.07 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 33007

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.5	27.7
125	14.7	8.2	12.4#

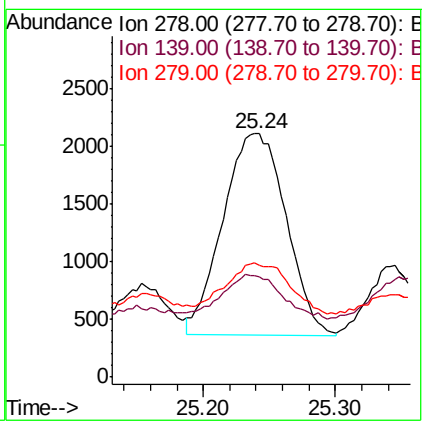


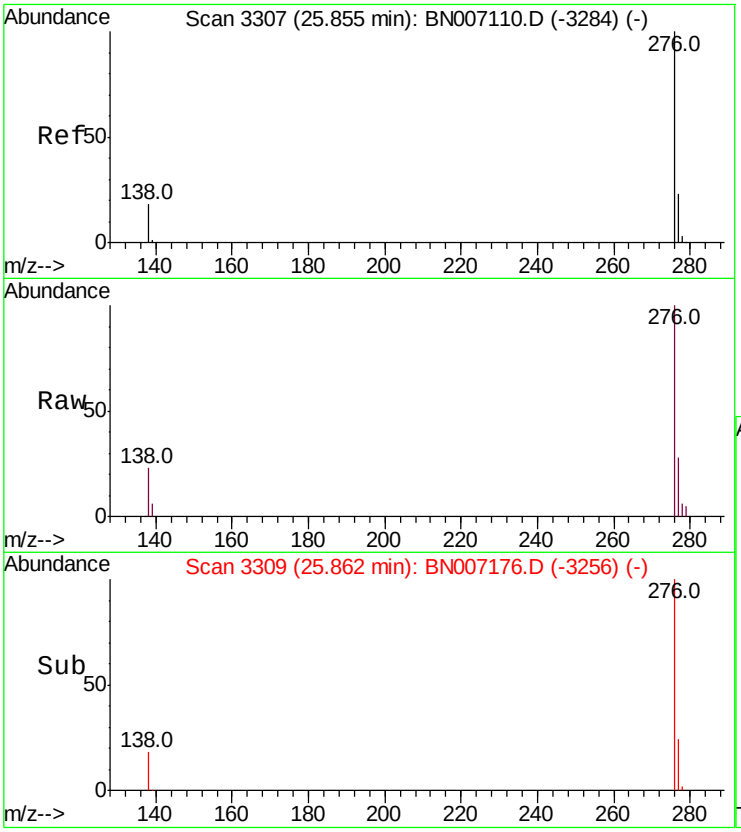


#36
Dibenzo(a,h)anthracene
Concen: 0.048 ng
RT: 25.24 min Scan# 3128
Delta R.T. -0.03 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Tgt Ion:278 Resp: 5814

Ion	Ratio	Lower	Upper
278	100		
139	41.3	11.3	16.9#
279	45.9	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 0.213 ng
RT: 25.86 min Scan# 3309
Delta R.T. -0.02 min
Lab File: BN007176.D
Acq: 14 Aug 2019 22:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 26474

Ion	Ratio	Lower	Upper
276	100		
277	28.1	19.8	29.8
138	22.8	14.6	22.0#