Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081319\
Data File : BN007131.D
Acq On : 13 Aug 2019 14:43
Operator : HP/JU
Sample : K4173-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 14 03:11:59 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	10026	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	38912	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	22749	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	50968	0.40	ng		0.00
26) Chrysene-d12	21.05	240	48245	0.40	ng		-0.01
32) Perylene-d12	23.16	264	57688	0.40	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	7709	0.32	ng		0.00
4) Phenol-d6	6.61	99	10353	0.35	ng		0.00
7) Nitrobenzene-d5	8.56	82	8175	0.26	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	18662	0.26	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	3091	0.25	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	4468	0.14	ng		0.00
24) Fluoranthene-d10	18.87	212	46321	0.26	ng		0.00
28) Terphenyl-d14	19.49	244	34242	0.26	ng		0.00
Target Compounds							Qvalue
5) bis(2-Chloroethyl)ether	6.77	93	2095	0.079	ng	#	38
8) Naphthalene	10.24	128	38894	0.356	ng		99
11) 2-Methylnaphthalene	11.87	142	30079	0.389	ng		99
15) Acenaphthylene	13.79	152	332180	2.794	ng		99
16) Acenaphthene	14.13	154	18516	0.243	ng		98
17) Fluorene	15.14	166	64564	0.567	ng	#	79
21) Pentachlorophenol	16.48	266	309	0.027	ng		92
22) Phenanthrene	16.87	178	1059939	6.939	ng		100
23) Anthracene	16.96	178	294998	2.114	ng		100
25) Fluoranthene	18.90	202	1710143	8.752	ng		99
27) Pyrene	19.26	202	2092984	12.371	ng		97
29) Benzo(a)anthracene	21.09	228	1123098	6.366	ng		95
30) Chrysene	21.09	228	1119617	6.531	ng		96
31) Indeno(1,2,3-cd)pyrene	25.25	276	696645	3.687	ng		98
33) Benzo(b)fluoranthene	22.55	252	1292721	6.535	ng		99
34) Benzo(k)fluoranthene	22.55	252	1292721	6.617	ng		99
35) Benzo(a)pyrene	23.08	252	990595	5.524	ng		99
36) Dibenzo(a,h)anthracene	25.25	278	186482	1.042	ng	#	89
37) Benzo(g,h,i)perylene	25.88	276	744114	4.043	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081319\
Data File : BN007131.D
Acq On : 13 Aug 2019 14:43
Operator : HP/JU
Sample : K4173-06
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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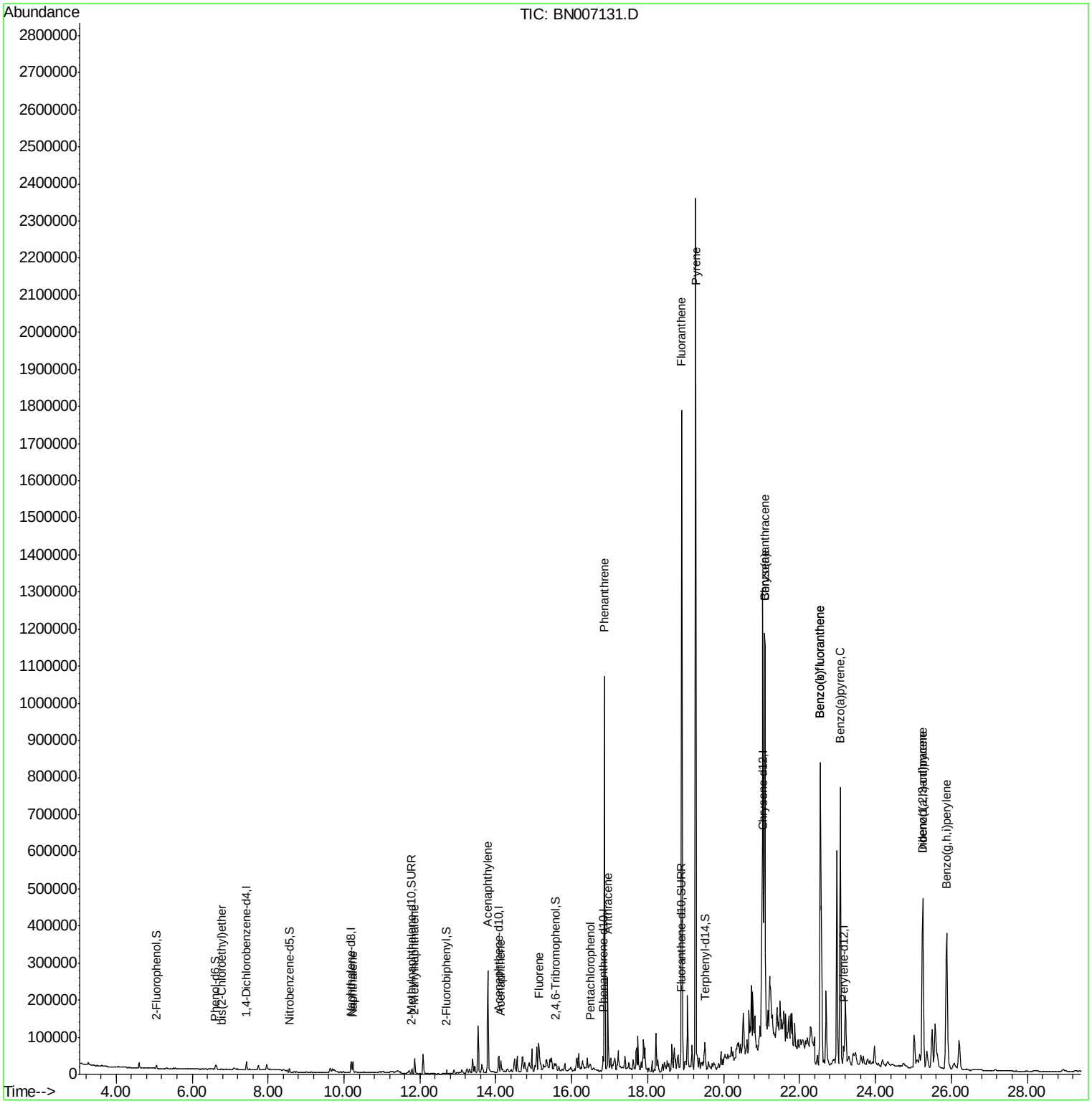
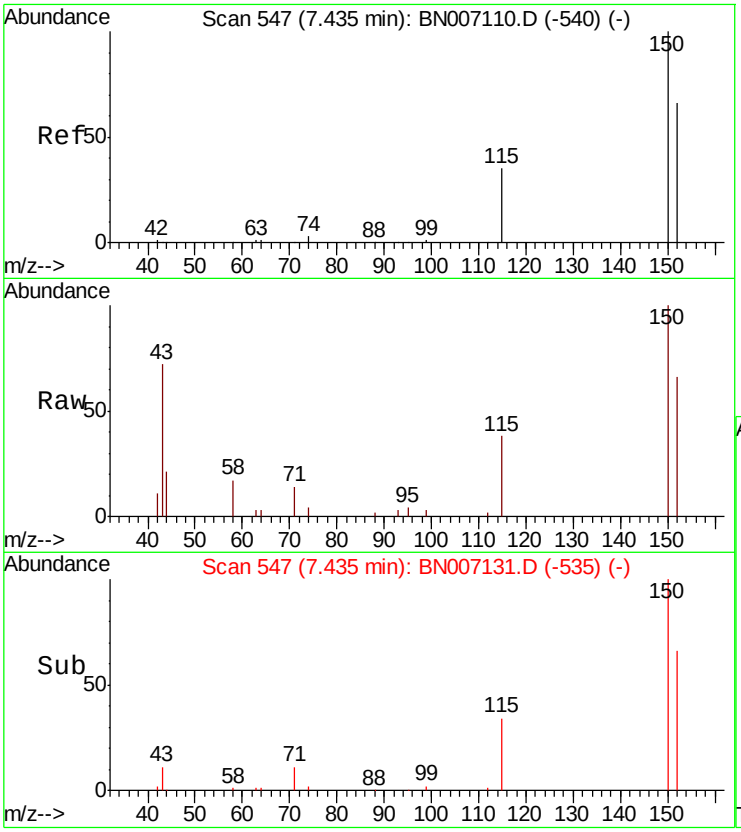
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration



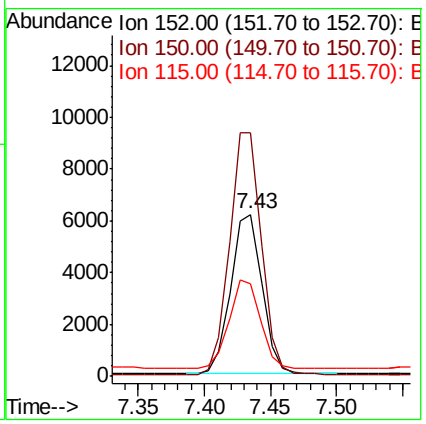


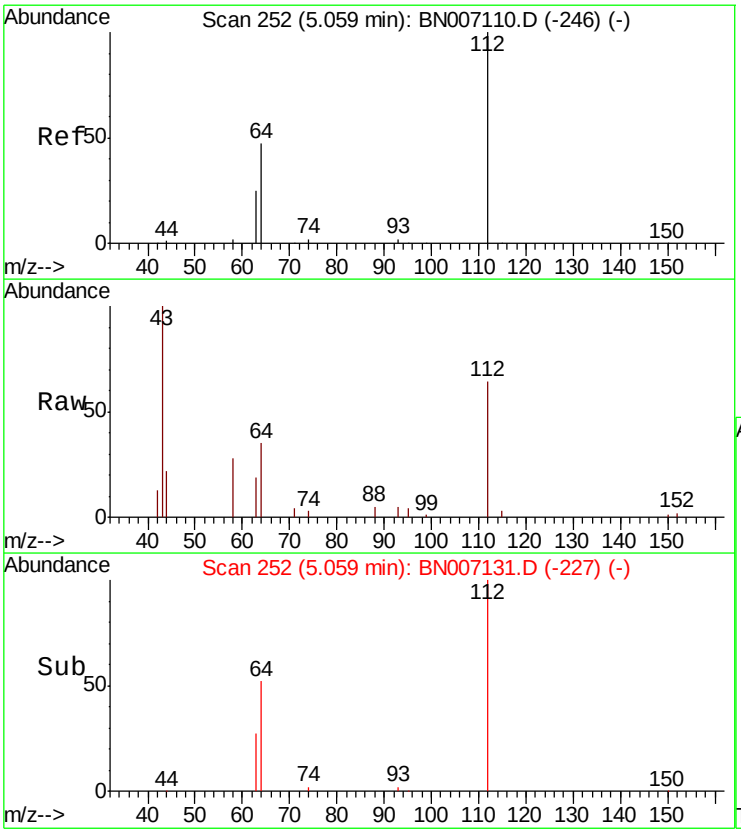
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10026

Ion	Ratio	Lower	Upper
152	100		
150	150.5	121.7	182.5
115	57.0	46.2	69.4

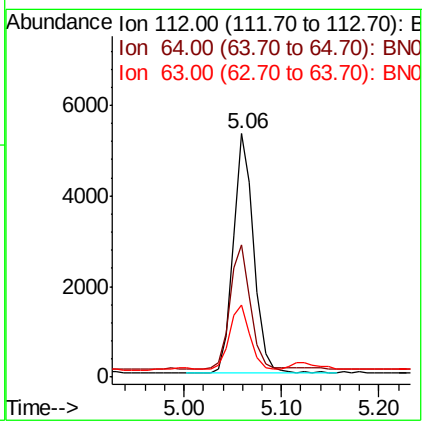


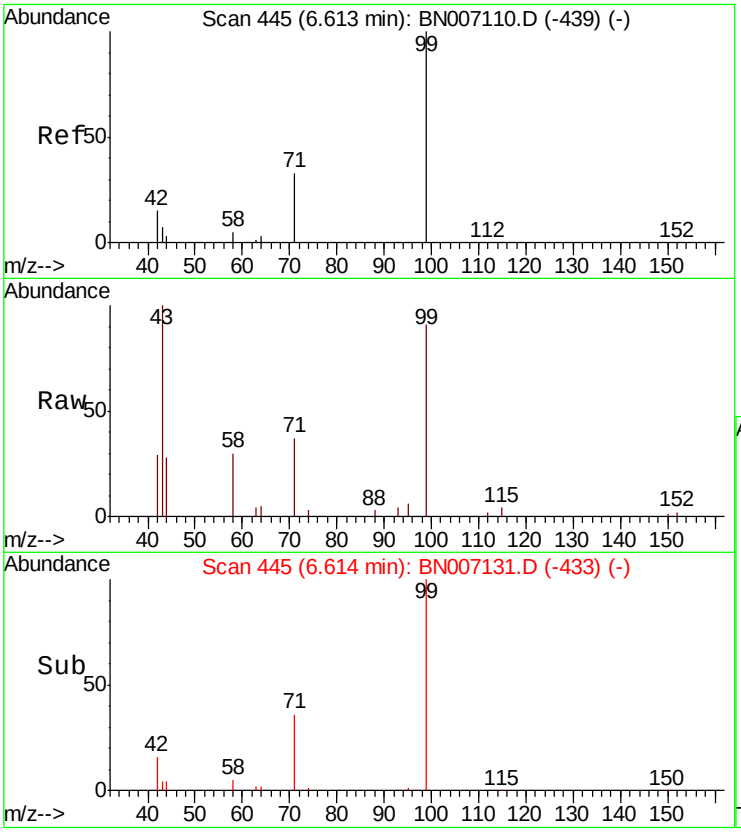


#3
2-Fluorophenol
Concen: 0.320 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Tgt Ion:112 Resp: 7709

Ion	Ratio	Lower	Upper
112	100		
64	51.8	42.6	63.8
63	26.9	22.2	33.2



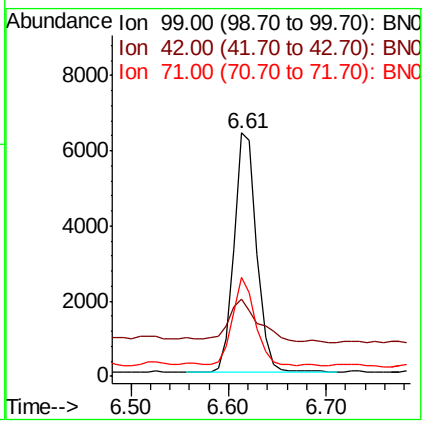


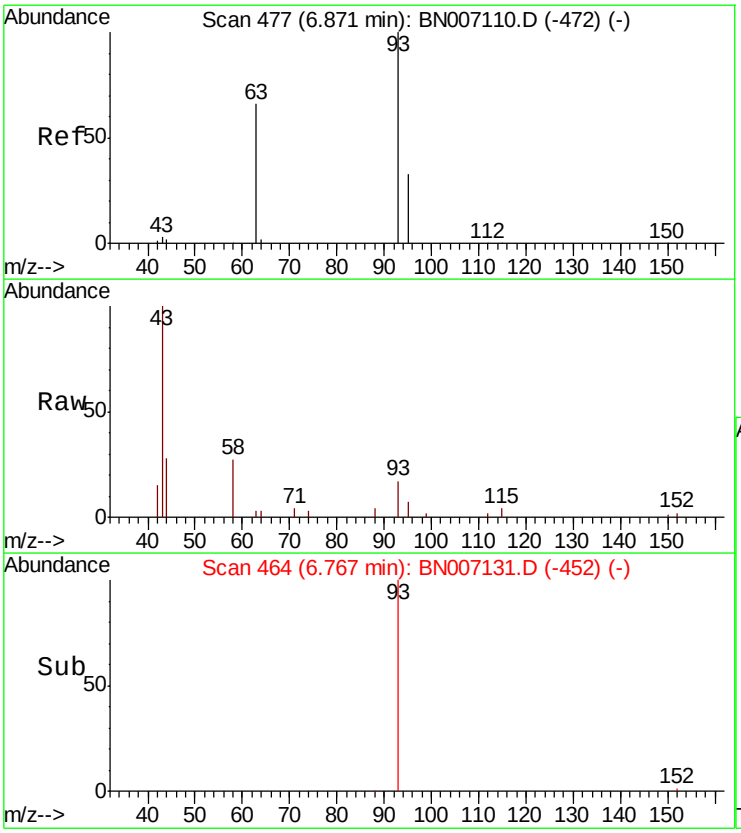
#4
Phenol-d6
Concen: 0.347 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 10353

Ion	Ratio	Lower	Upper
99	100		
42	24.2	15.8	23.6#
71	36.3	27.0	40.4

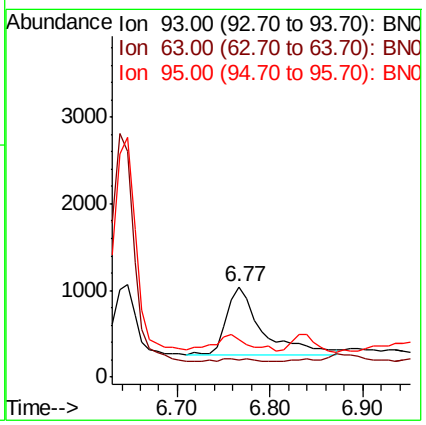


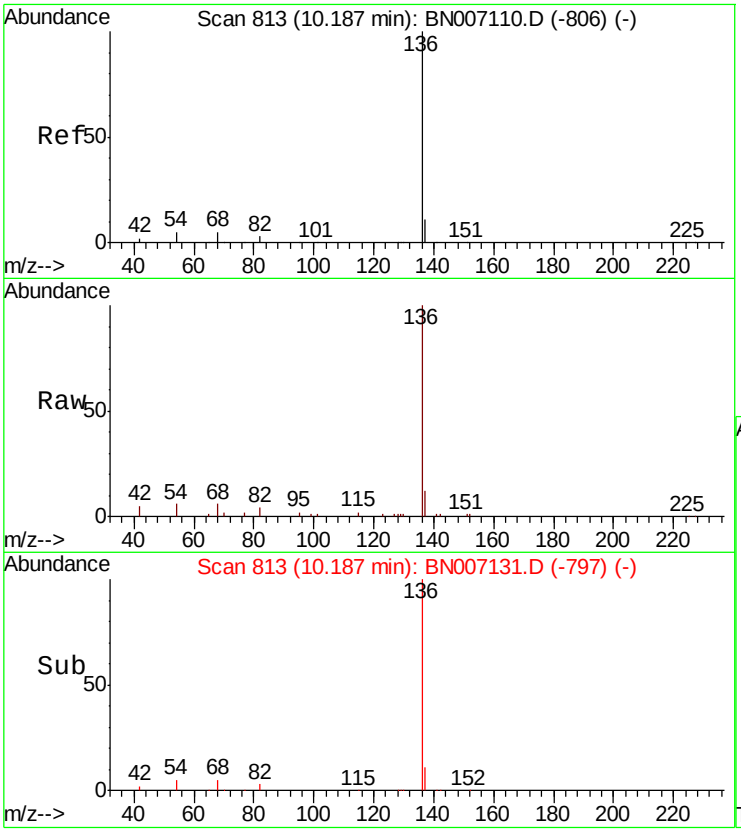


#5
bis(2-Chloroethyl)ether
Concen: 0.079 ng
RT: 6.77 min Scan# 464
Delta R.T. -0.10 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Tgt Ion: 93 Resp: 2095

Ion	Ratio	Lower	Upper
93	100		
63	3.9	55.6	83.4#
95	20.0	26.7	40.1#



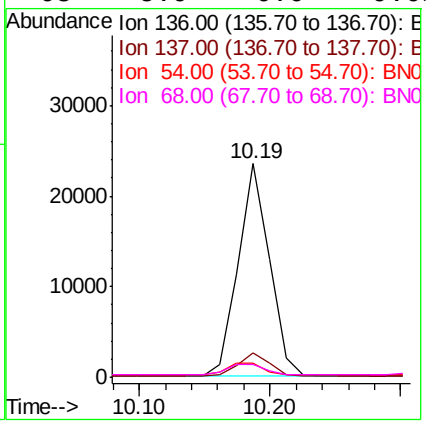


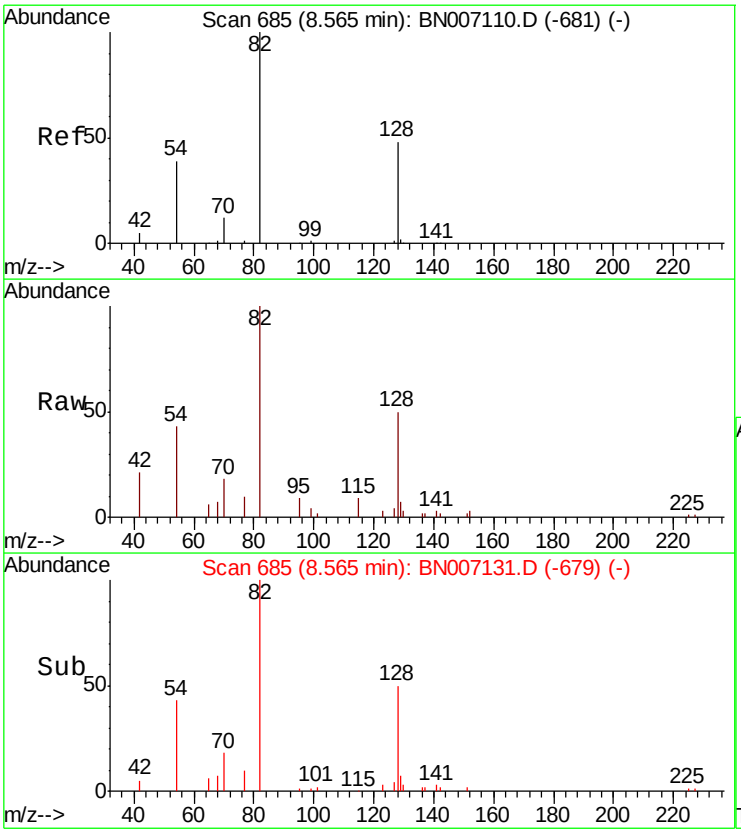
#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 38912

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	6.5	6.6	9.8#
68	5.9	6.0	9.0#

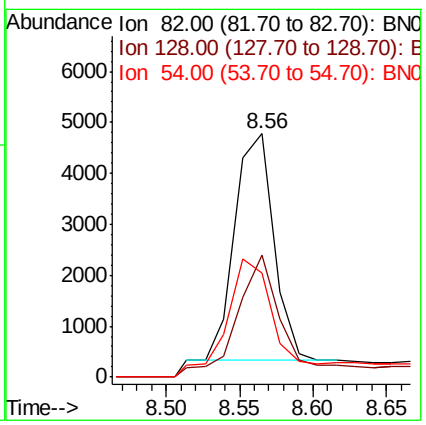


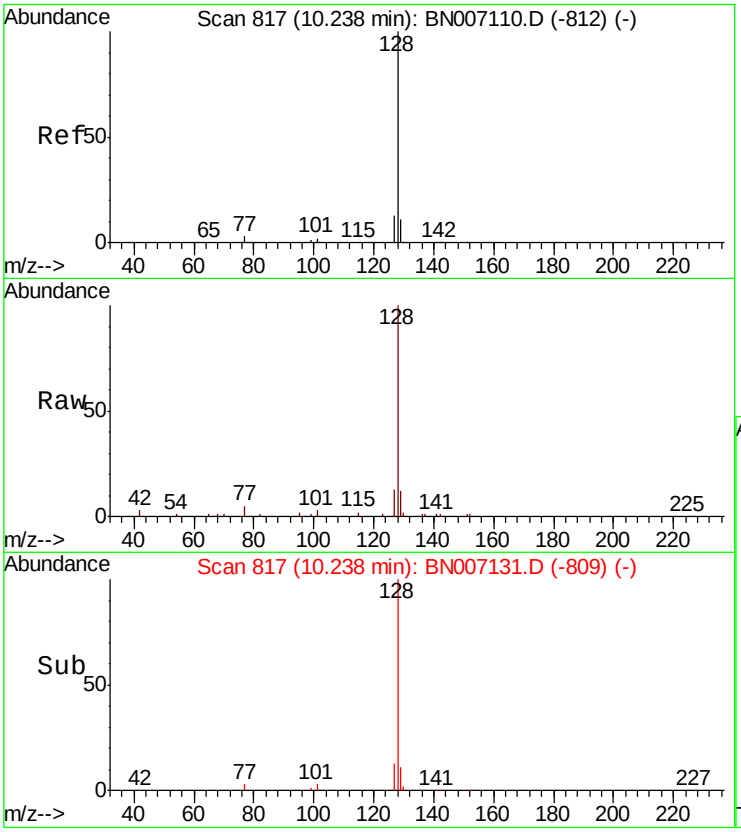


#7
Nitrobenzene-d5
Concen: 0.261 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Tgt Ion: 82 Resp: 8175

Ion	Ratio	Lower	Upper
82	100		
128	50.2	34.6	51.8
54	42.6	36.2	54.4



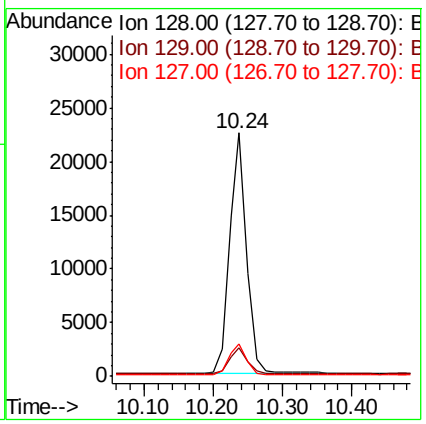


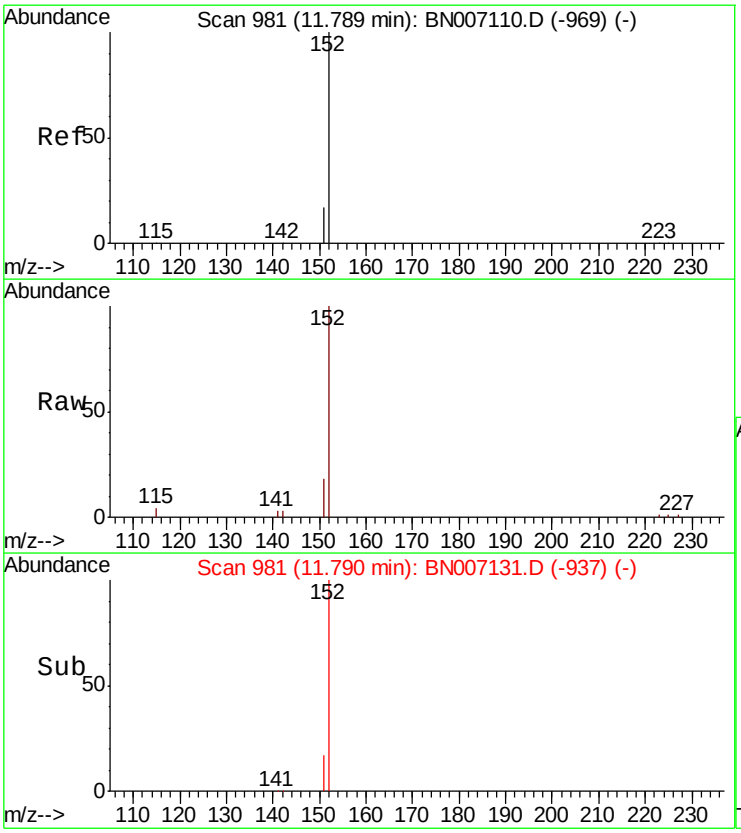
#8
Naphthalene
Concen: 0.356 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 38894

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	13.4	11.0	16.6

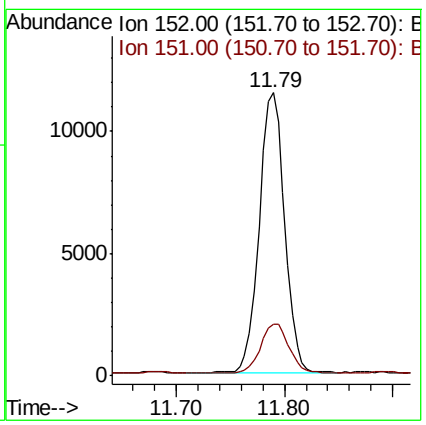


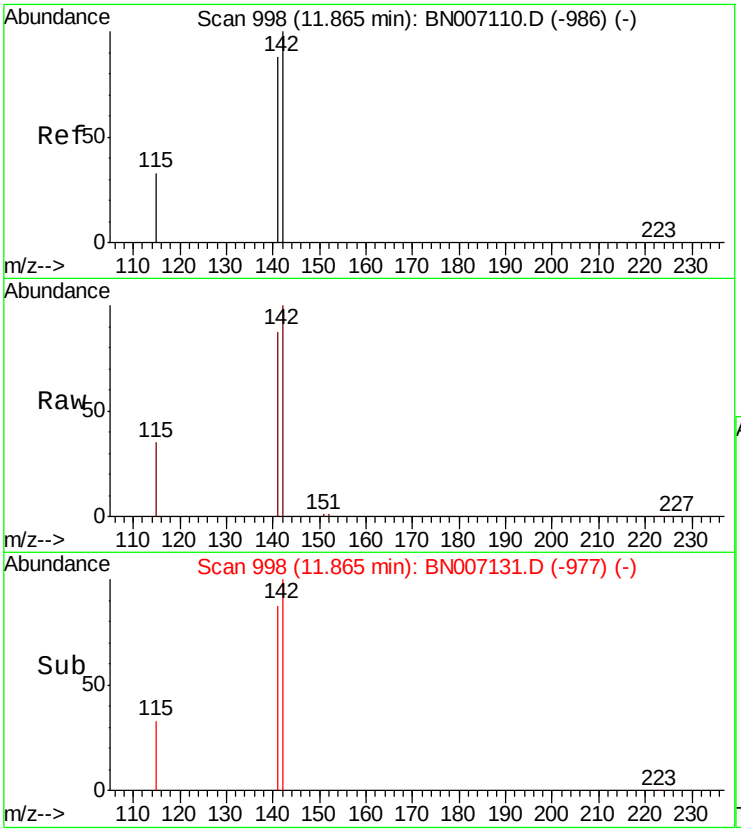


#10
2-Methylnaphthalene-d10
Concen: 0.257 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Tgt Ion:152 Resp: 18662

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3



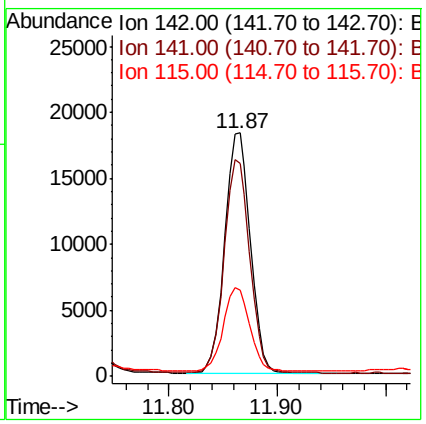


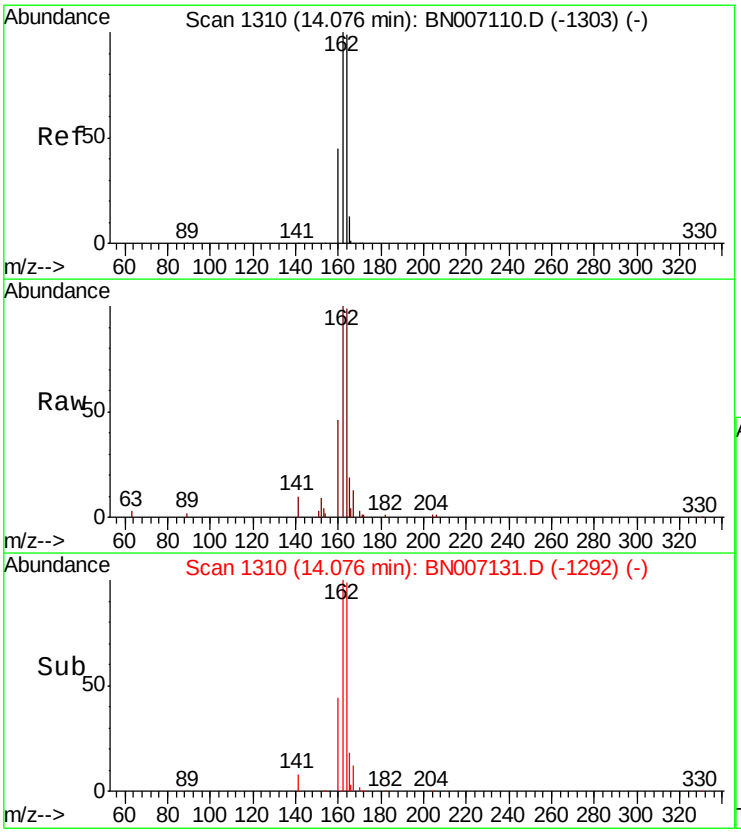
#11
2-Methylnaphthalene
Concen: 0.389 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 30079

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.0	103.6
115	35.3	27.1	40.7

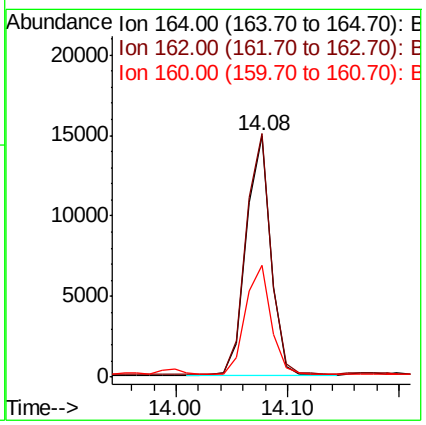


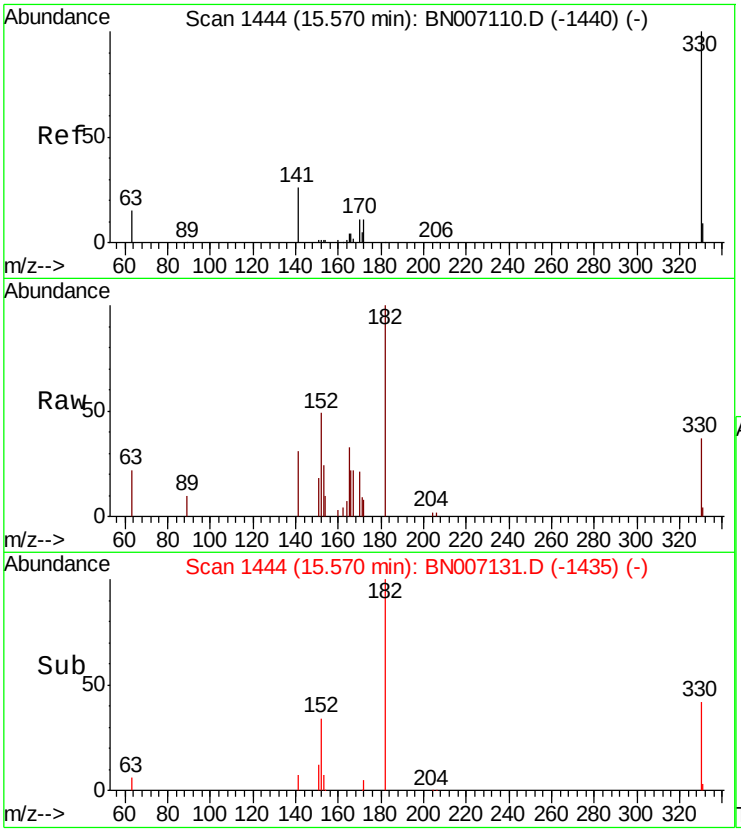


#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Tgt Ion:164 Resp: 22749

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.4
160	46.5	38.3	57.5



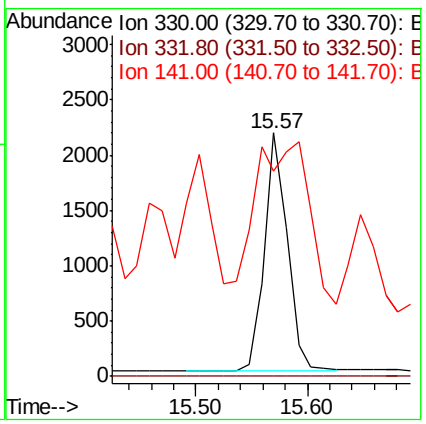


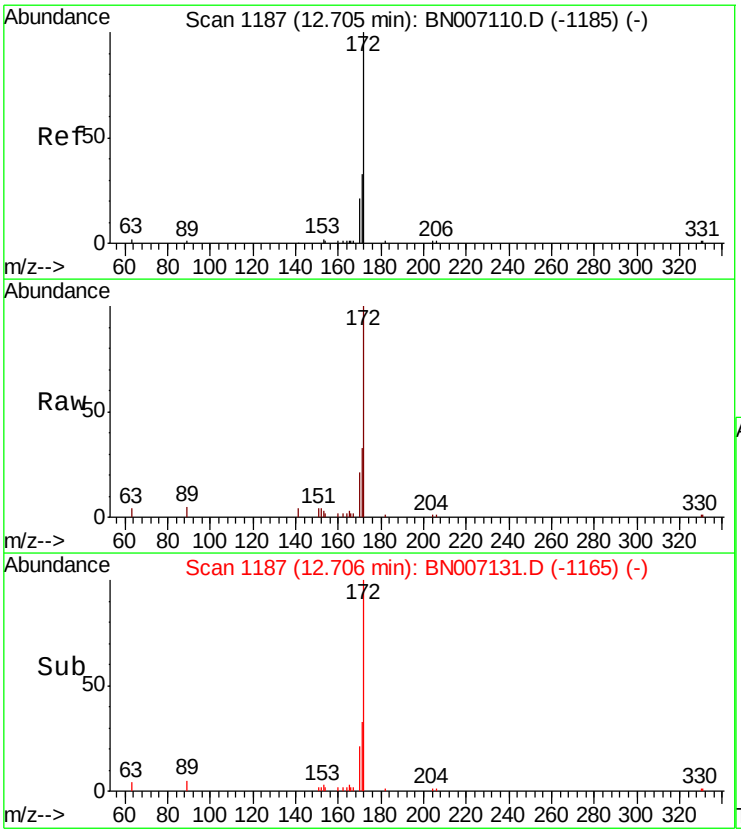
#13
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 3091

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

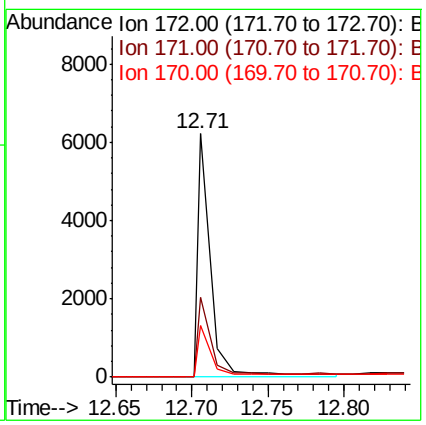


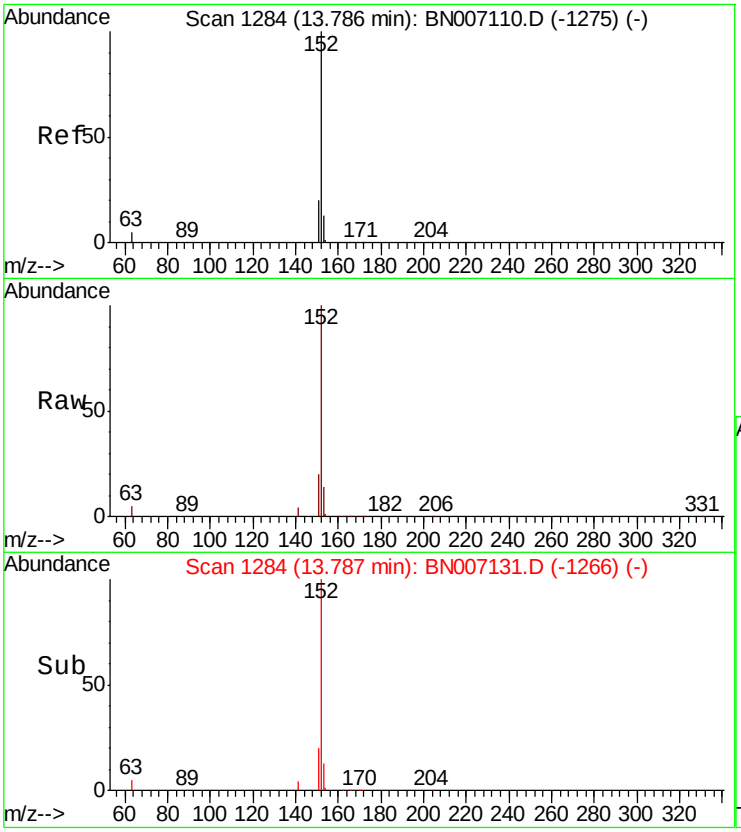


#14
2-Fluorobiphenyl
Concen: 0.135 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Tgt Ion:172 Resp: 4468

Ion	Ratio	Lower	Upper
172	100		
171	32.6	26.3	39.5
170	21.3	17.0	25.4



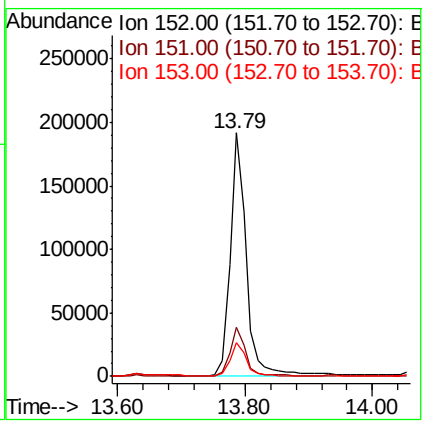


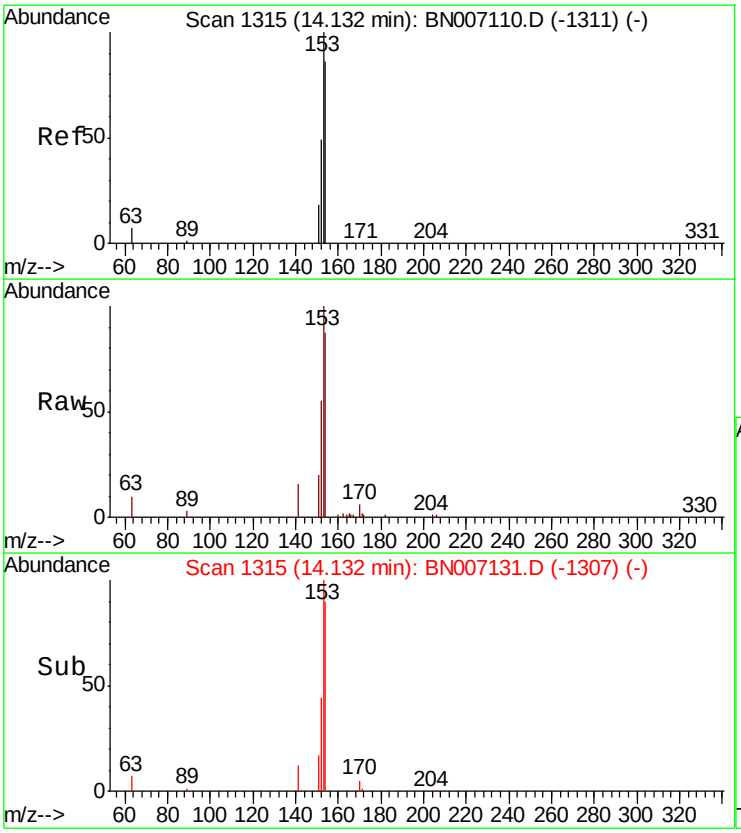
#15
Acenaphthylene
Concen: 2.794 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 332180

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.6	10.4	15.6

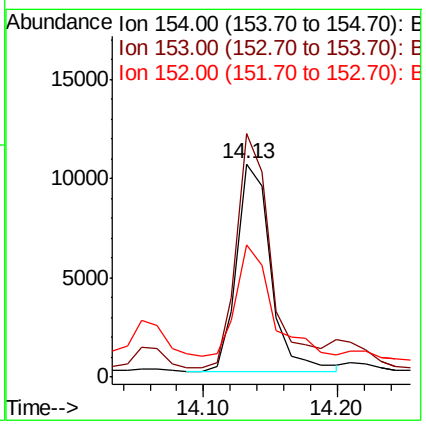


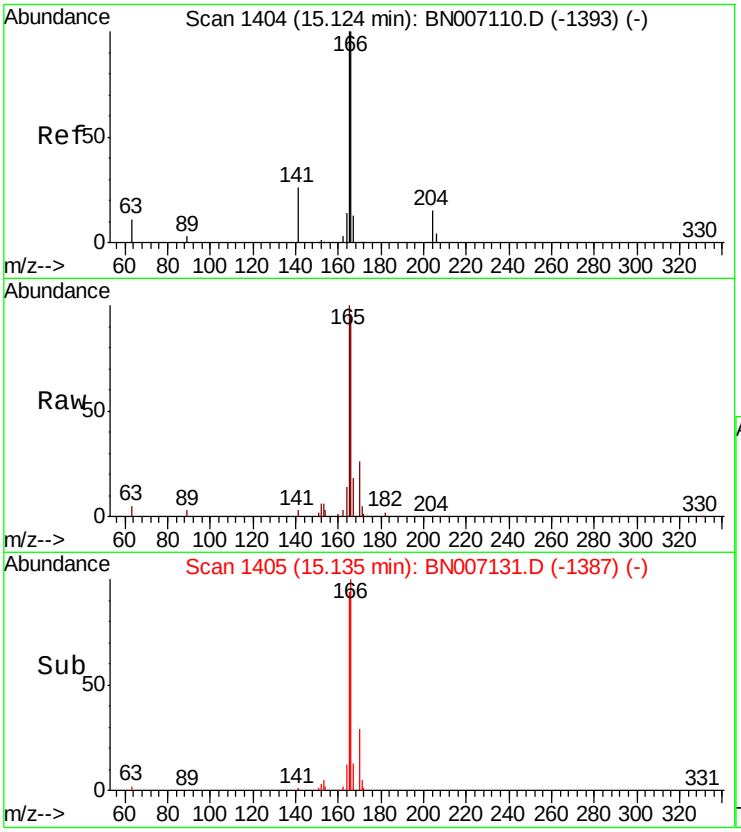


#16
Acenaphthene
Concen: 0.243 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Tgt Ion:154 Resp: 18516

Ion	Ratio	Lower	Upper
154	100		
153	115.2	89.5	134.3
152	55.2	44.8	67.2



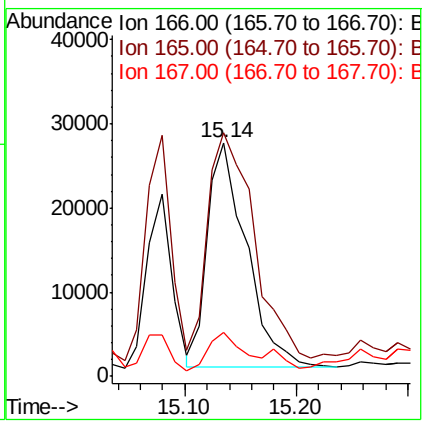


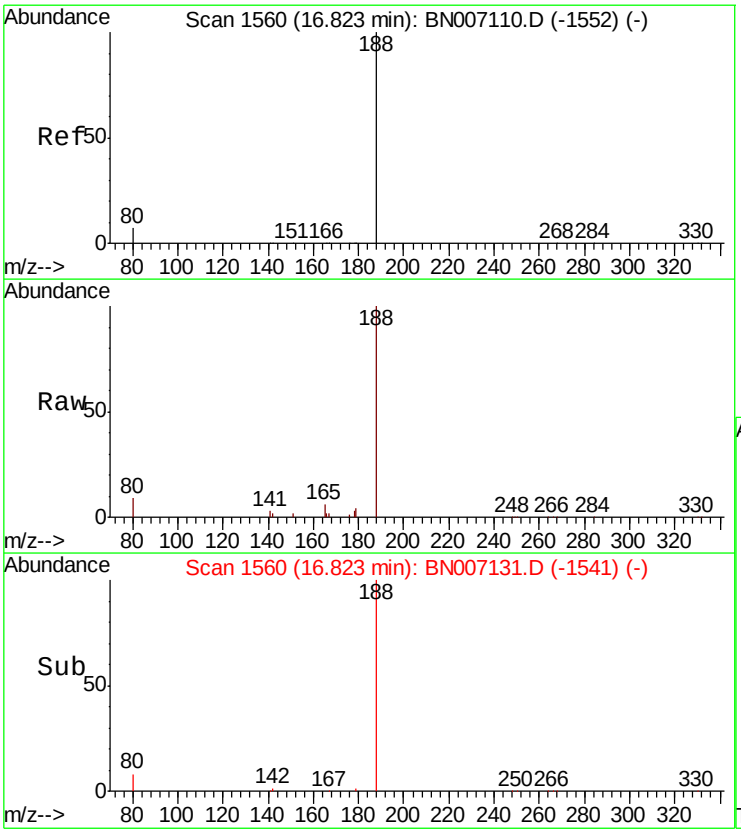
#17
Fluorene
Concen: 0.567 ng
RT: 15.14 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 64564

Ion	Ratio	Lower	Upper
166	100		
165	119.3	77.9	116.9#
167	19.8	10.9	16.3#

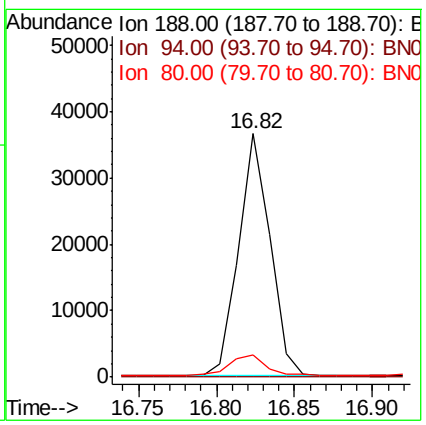


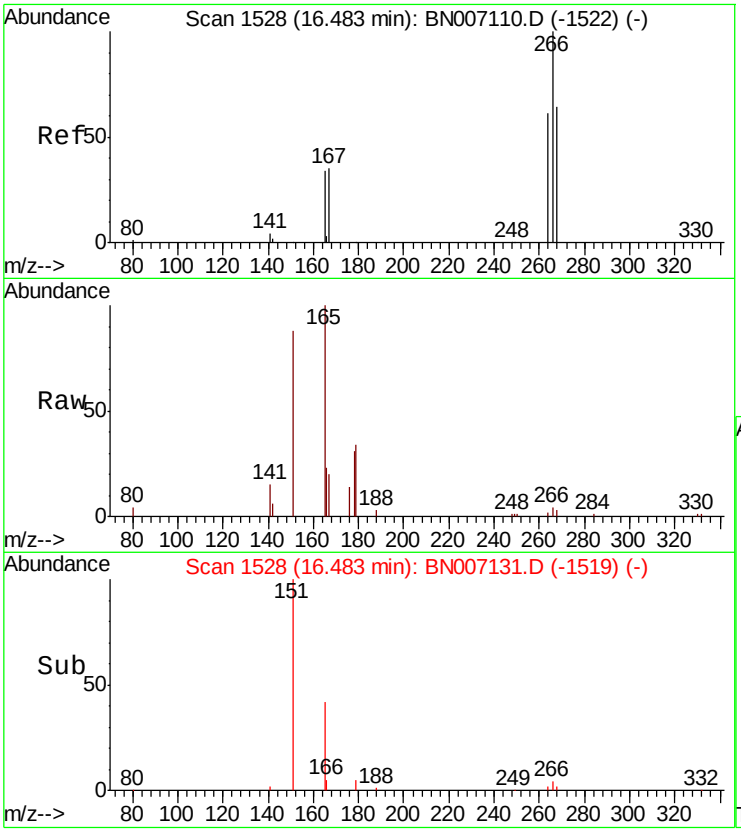


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Tgt Ion:188 Resp: 50968

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	7.8	11.6



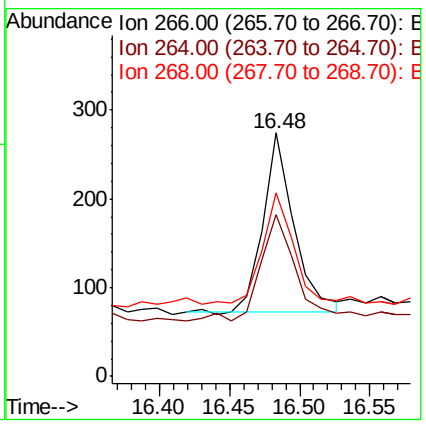


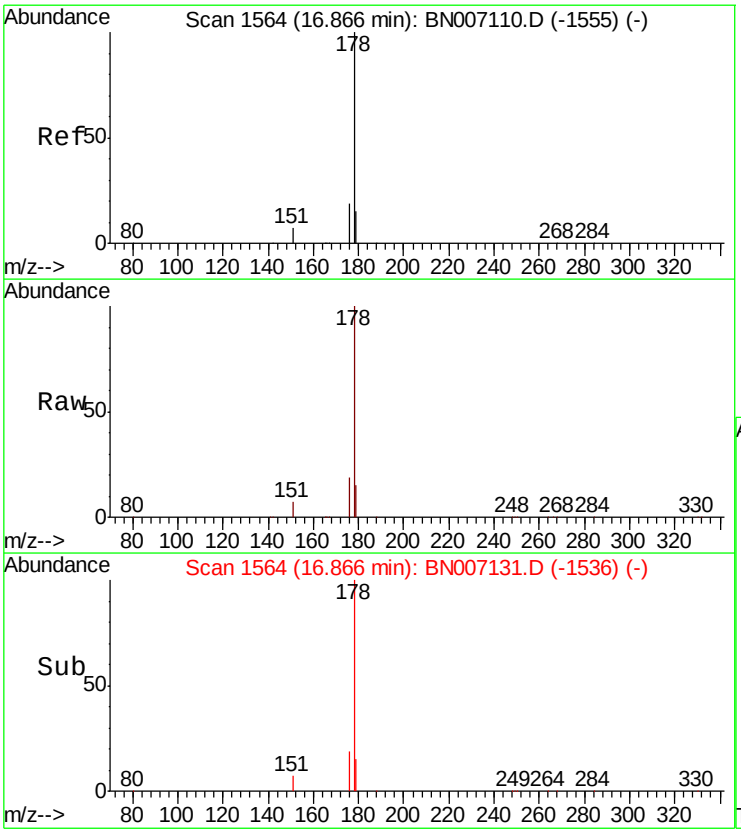
#21
Pentachlorophenol
Concen: 0.027 ng
RT: 16.48 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 309

Ion	Ratio	Lower	Upper
266	100		
264	66.4	52.3	78.5
268	75.5	51.5	77.3

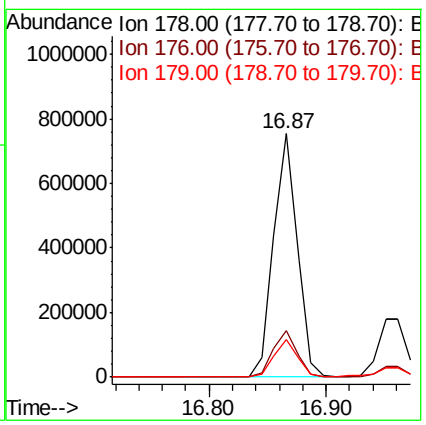


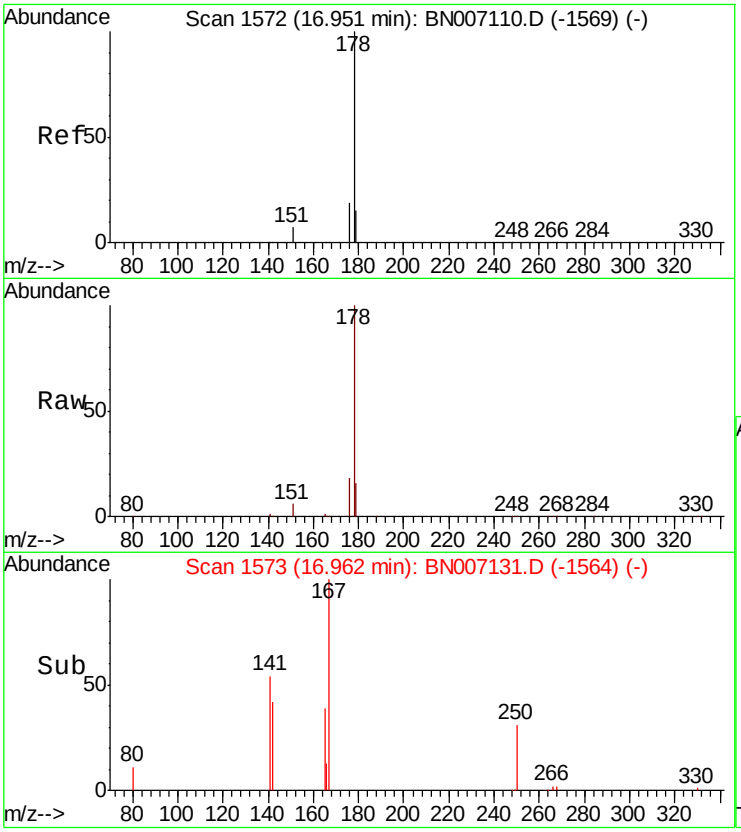


#22
Phenanthrene
Concen: 6.939 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Tgt Ion:178 Resp: 1059939

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.7	12.3	18.5



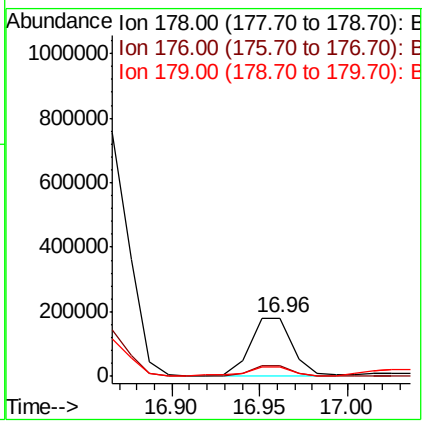


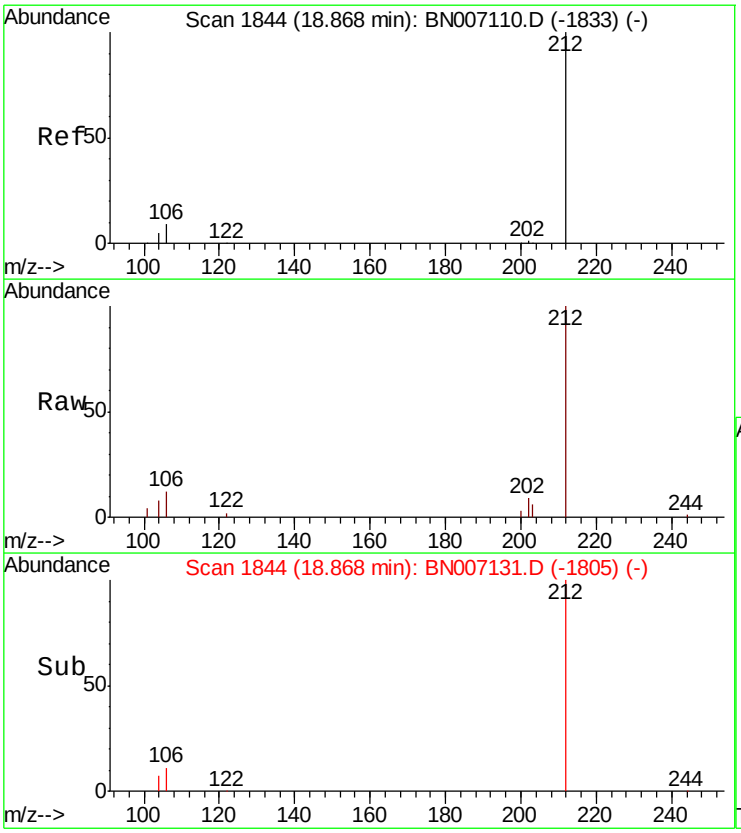
#23
Anthracene
Concen: 2.114 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 294998

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.9	12.5	18.7

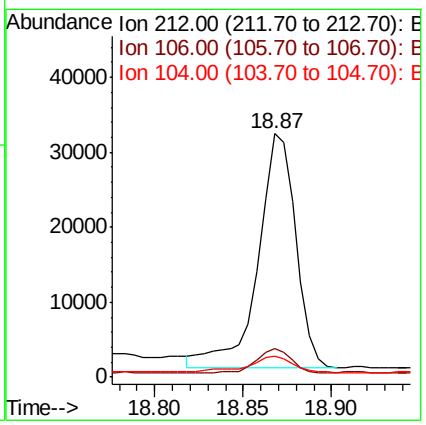


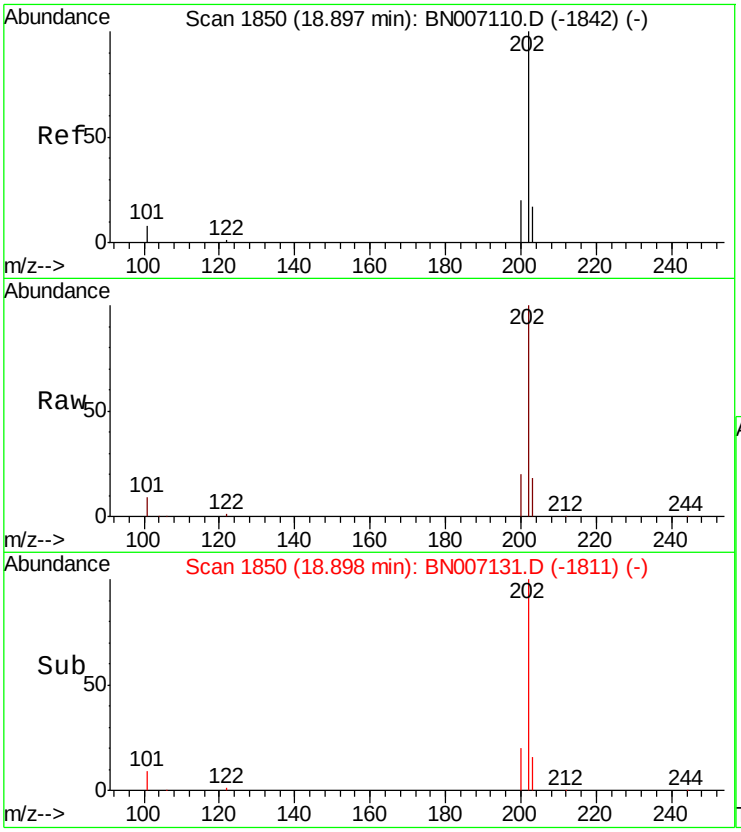


#24
Fluoranthene-d10
Concen: 0.256 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Tgt Ion:212 Resp: 46321

Ion	Ratio	Lower	Upper
212	100		
106	9.8	8.2	12.2
104	8.8	4.5	6.7#



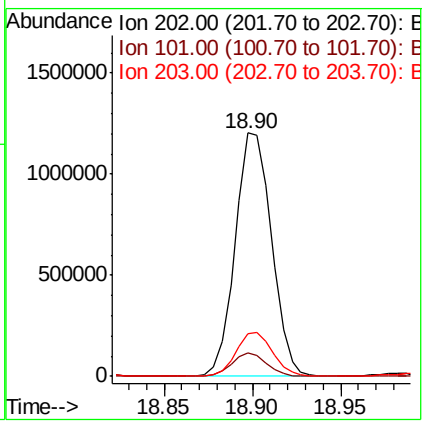


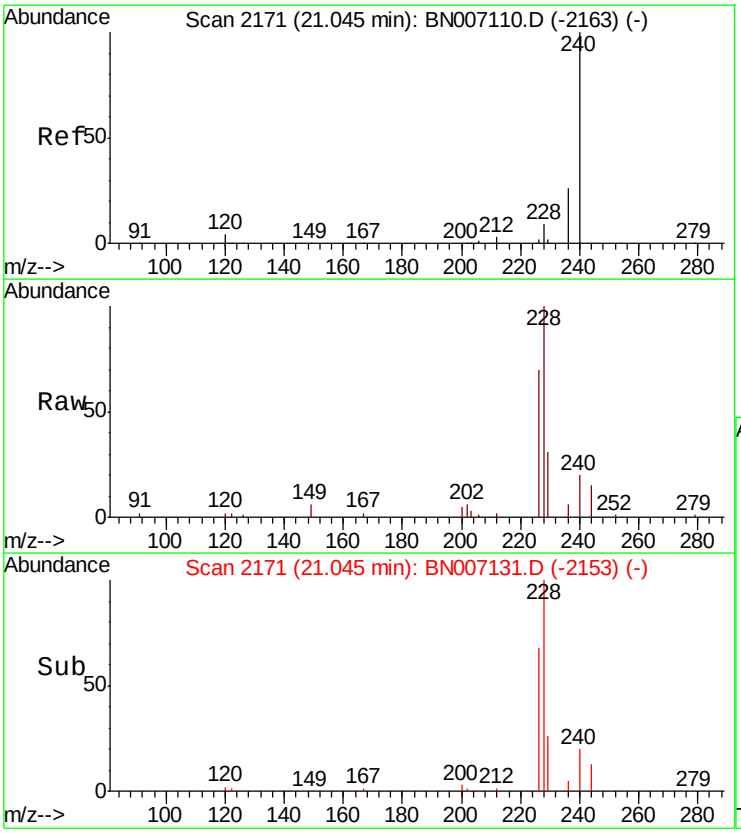
#25
Fluoranthene
Concen: 8.752 ng
RT: 18.90 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 1710143

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.0	10.4
203	18.0	13.8	20.8

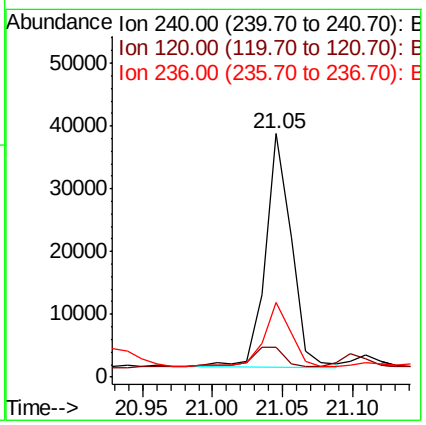


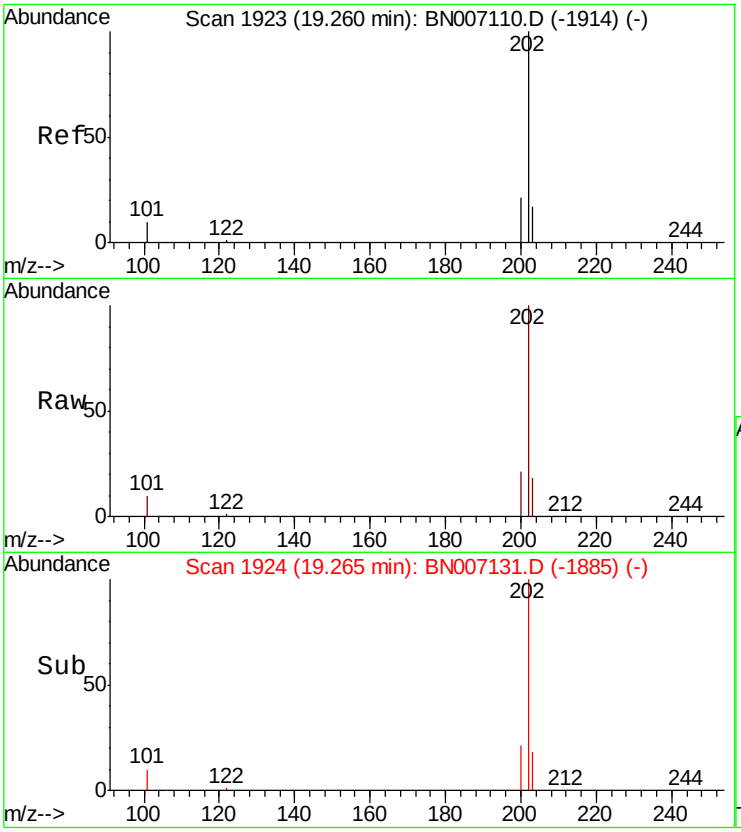


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Tgt Ion:240 Resp: 48245

Ion	Ratio	Lower	Upper
240	100		
120	12.1	4.0	6.0#
236	30.7	21.3	31.9



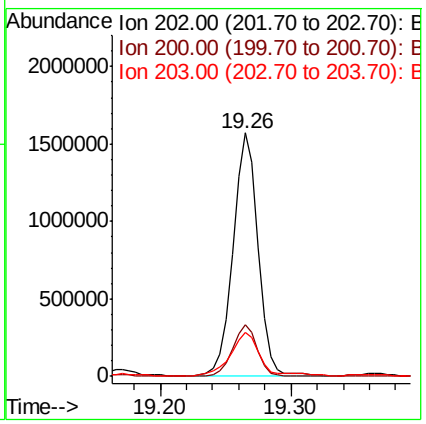


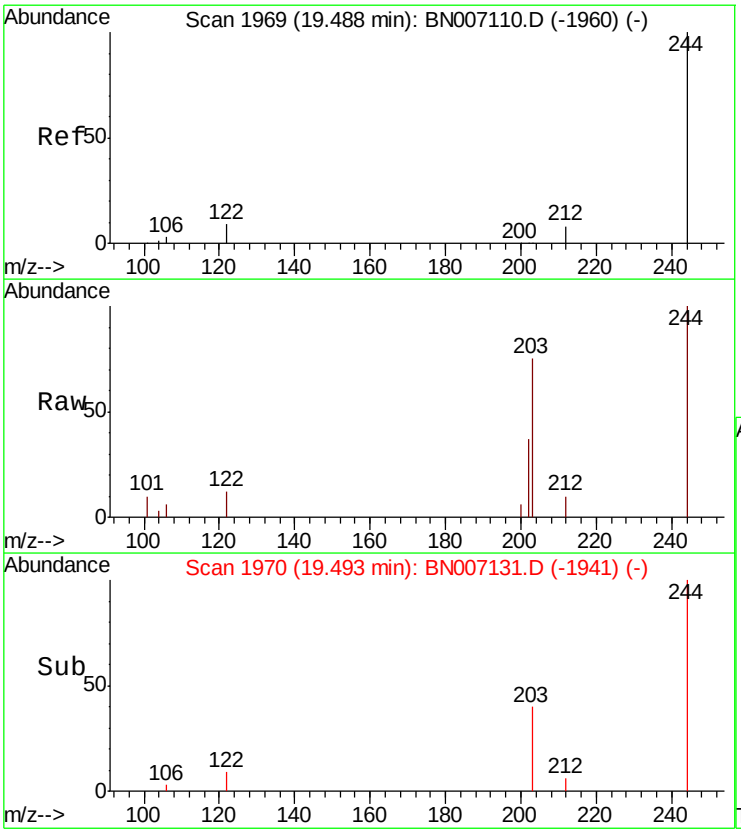
#27
Pyrene
Concen: 12.371 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2092984

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	20.0	14.0	21.0

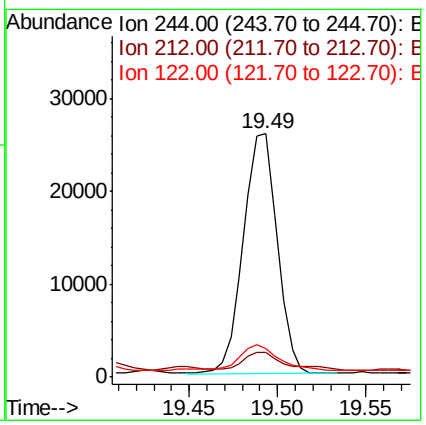


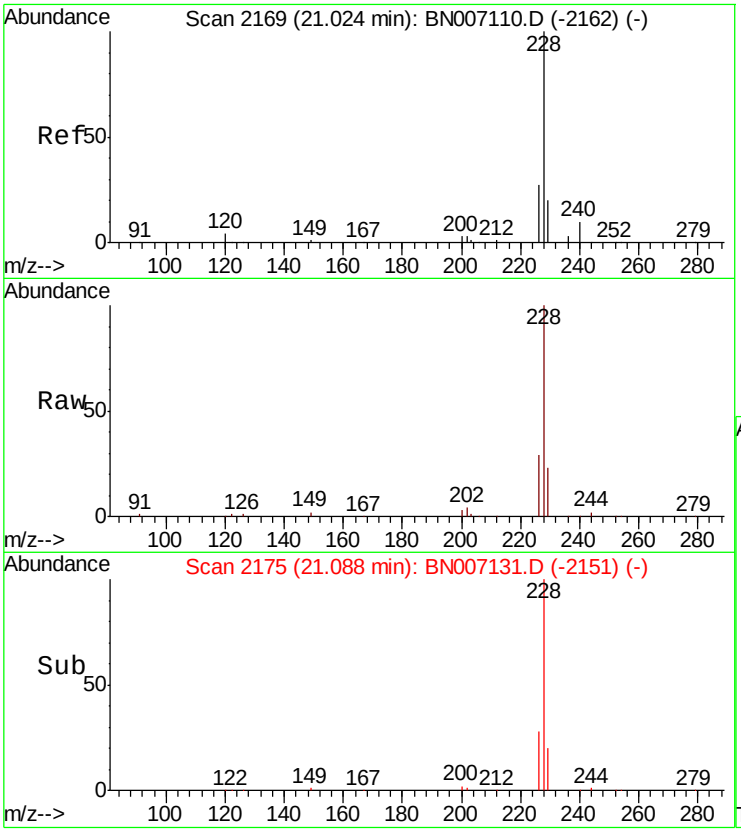


#28
Terphenyl-d14
Concen: 0.260 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Tgt Ion:244 Resp: 34242

Ion	Ratio	Lower	Upper
244	100		
212	10.4	6.2	9.2#
122	11.8	7.4	11.2#



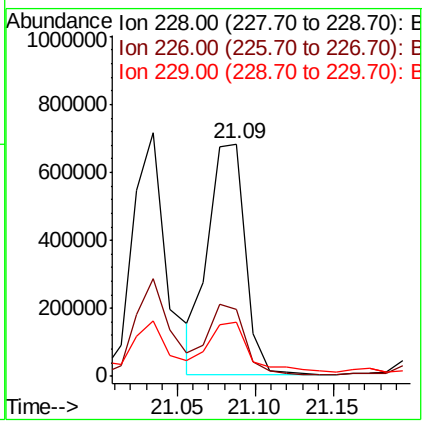


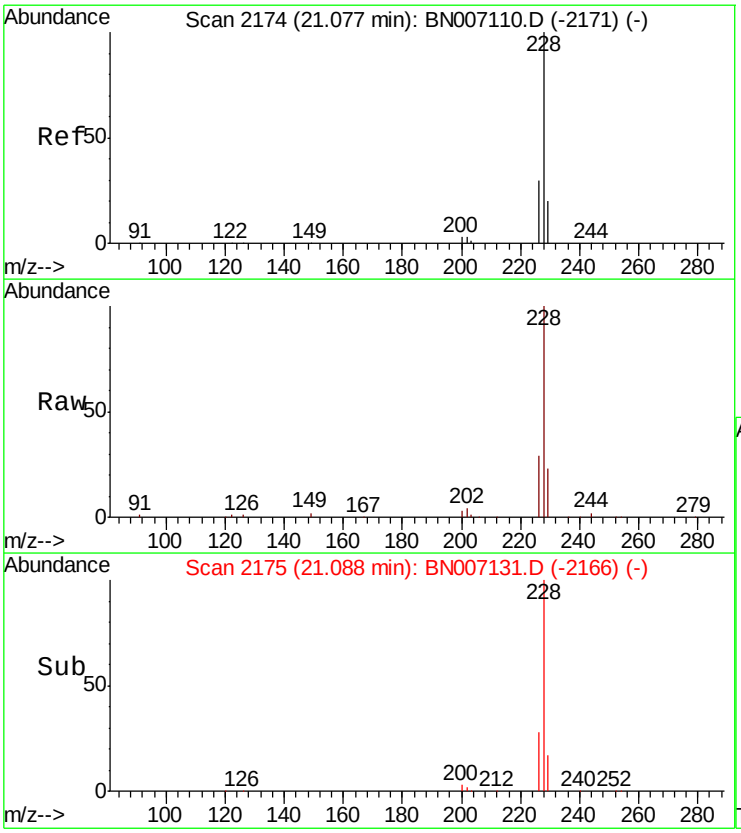
#29
Benzo(a)anthracene
Concen: 6.366 ng
RT: 21.09 min Scan# 2175
Delta R.T. 0.05 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1123098

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.8	32.6
229	23.1	15.6	23.4

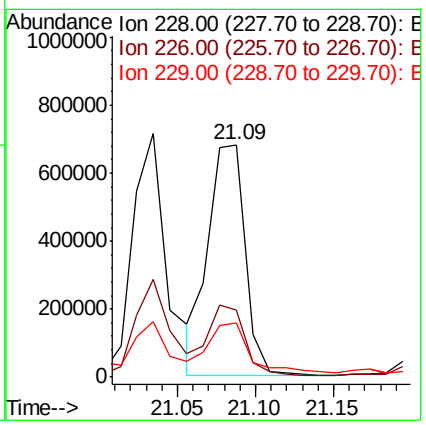


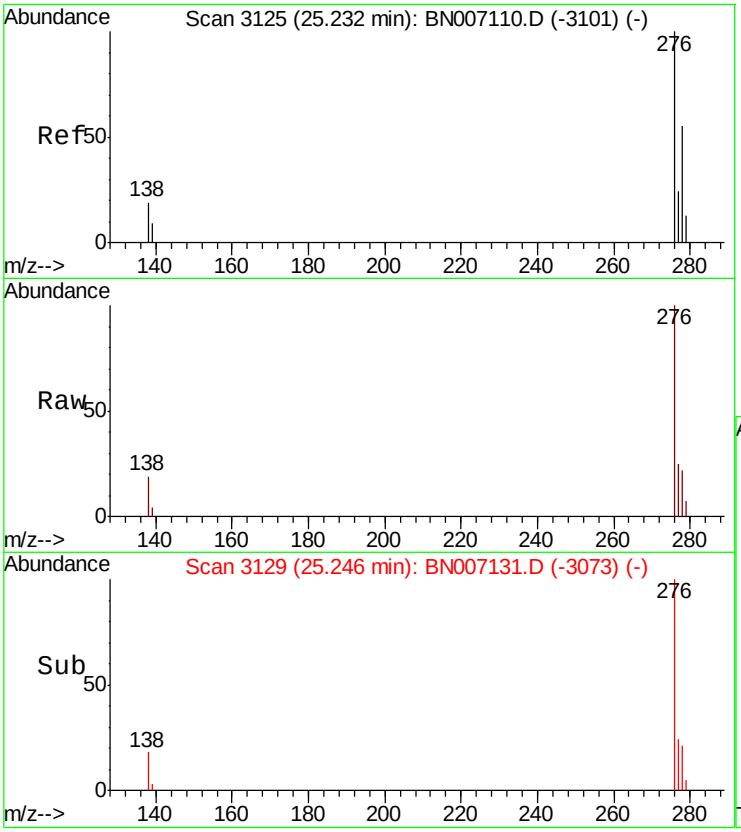


#30
Chrysene
Concen: 6.531 ng
RT: 21.09 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Tgt Ion:228 Resp: 1119617

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.8	35.6
229	23.1	15.7	23.5



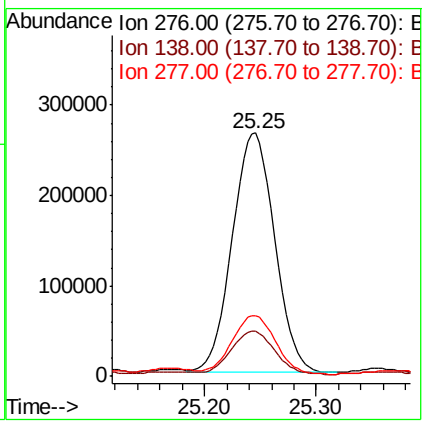


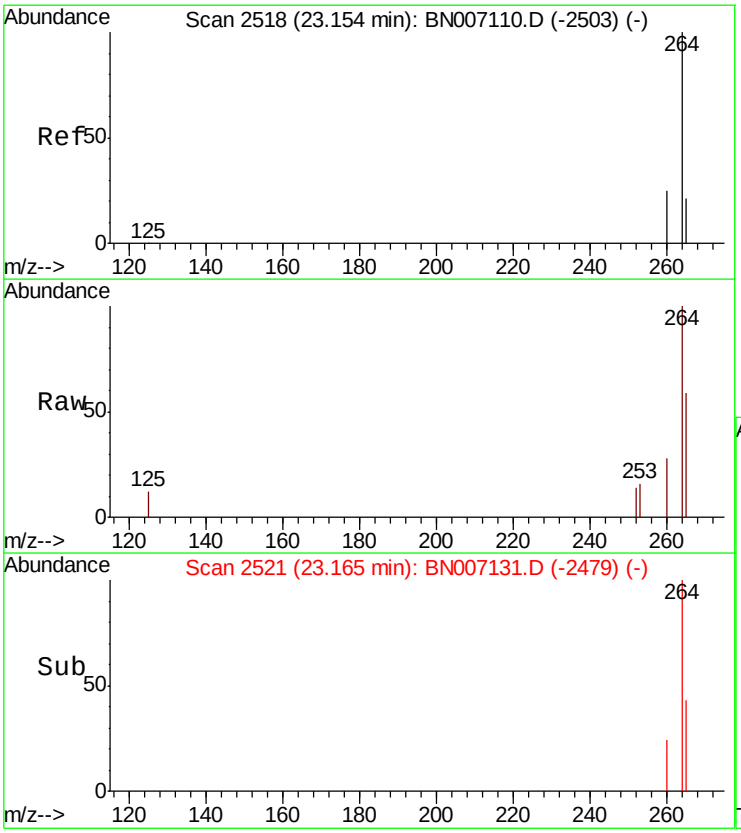
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.687 ng
RT: 25.25 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 696645

Ion	Ratio	Lower	Upper
276	100		
138	18.4	16.0	24.0
277	25.0	19.9	29.9

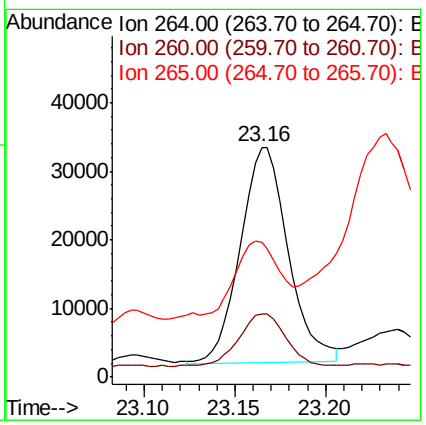


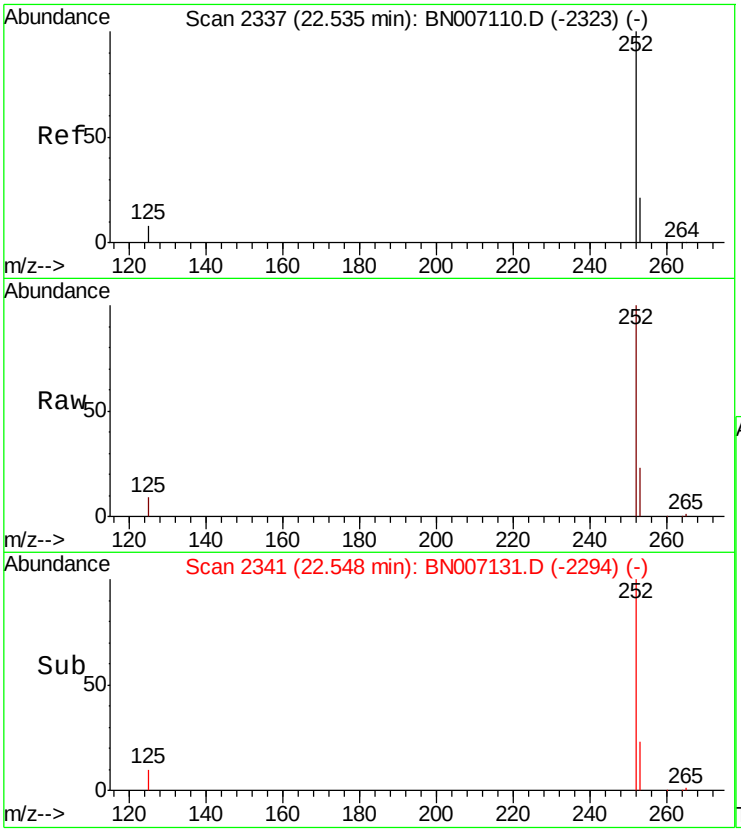


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Tgt Ion:264 Resp: 57688

Ion	Ratio	Lower	Upper
264	100		
260	27.6	19.8	29.8
265	59.0	26.2	39.4#



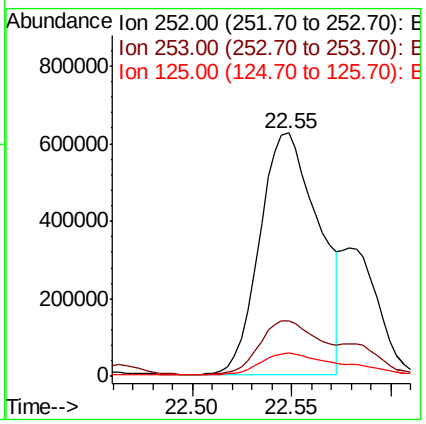


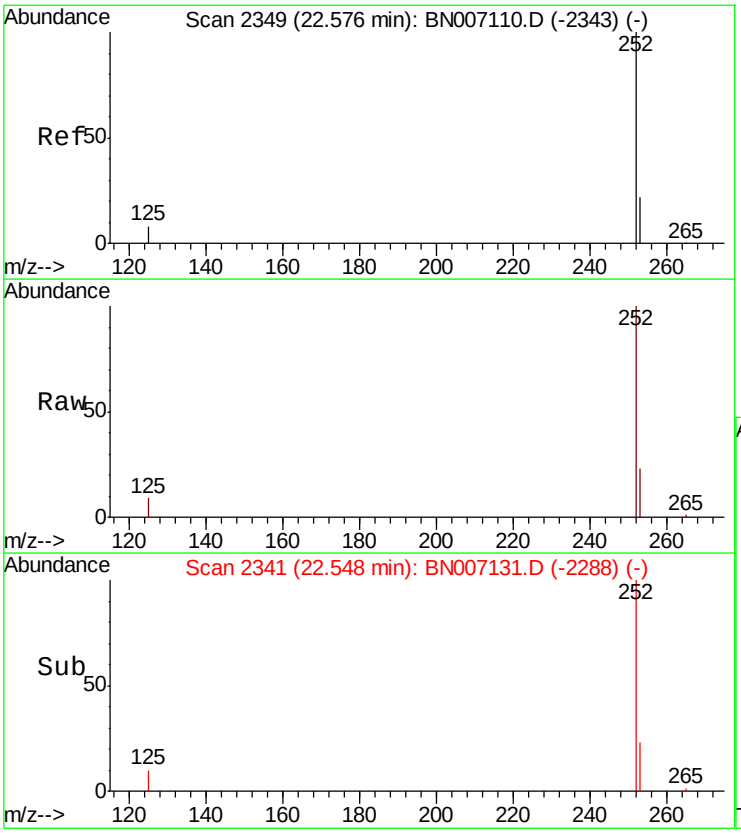
#33
Benzo(b)fluoranthene
Concen: 6.535 ng
RT: 22.55 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1292721

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	9.4	7.4	11.0

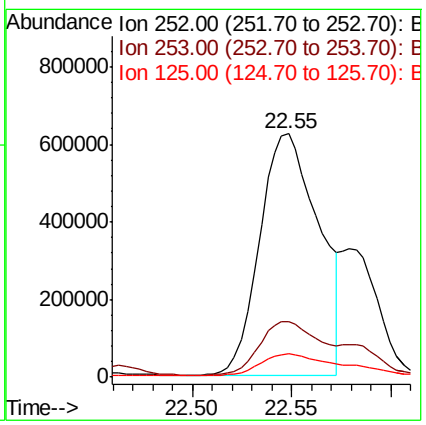


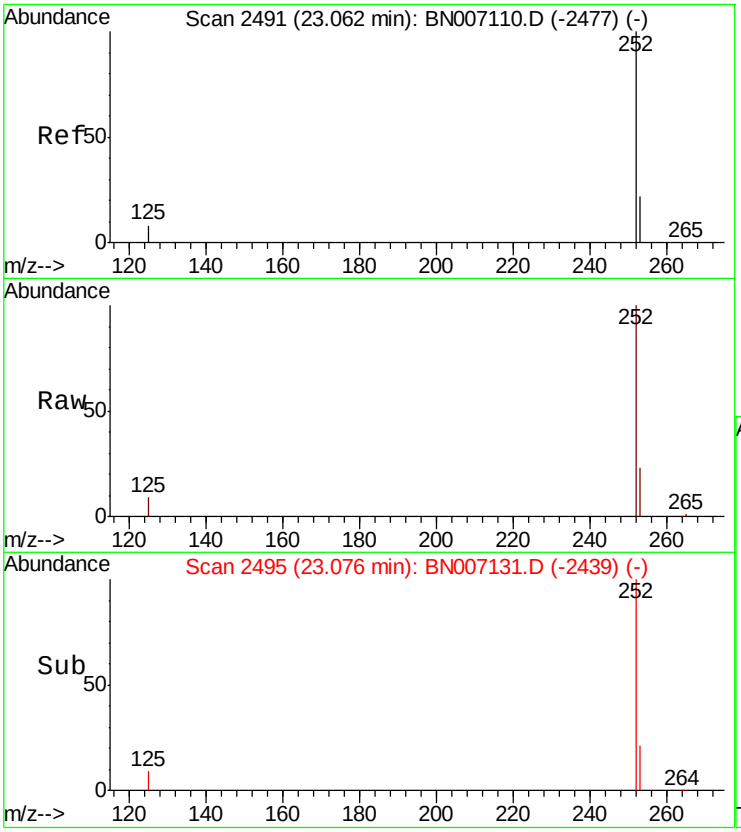


#34
Benzo(k)fluoranthene
Concen: 6.617 ng
RT: 22.55 min Scan# 2341
Delta R.T. -0.04 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Tgt Ion:252 Resp: 1292721

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	9.4	7.4	11.0



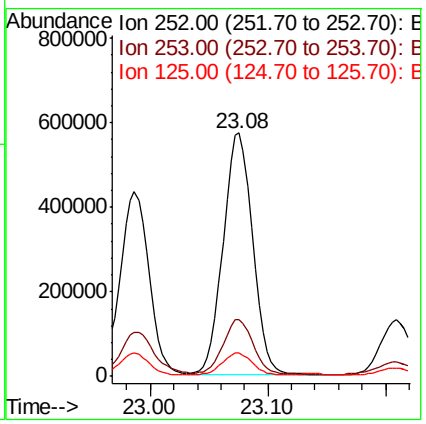


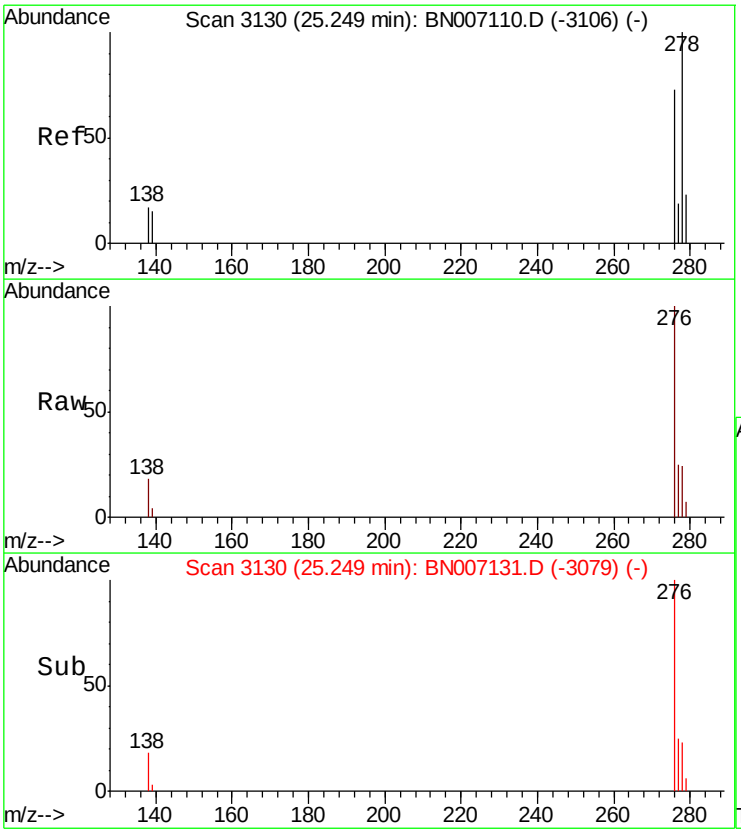
#35
Benzo(a)pyrene
Concen: 5.524 ng
RT: 23.08 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 990595

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	9.5	8.2	12.4

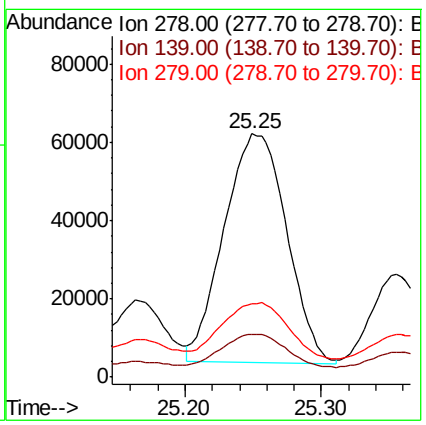


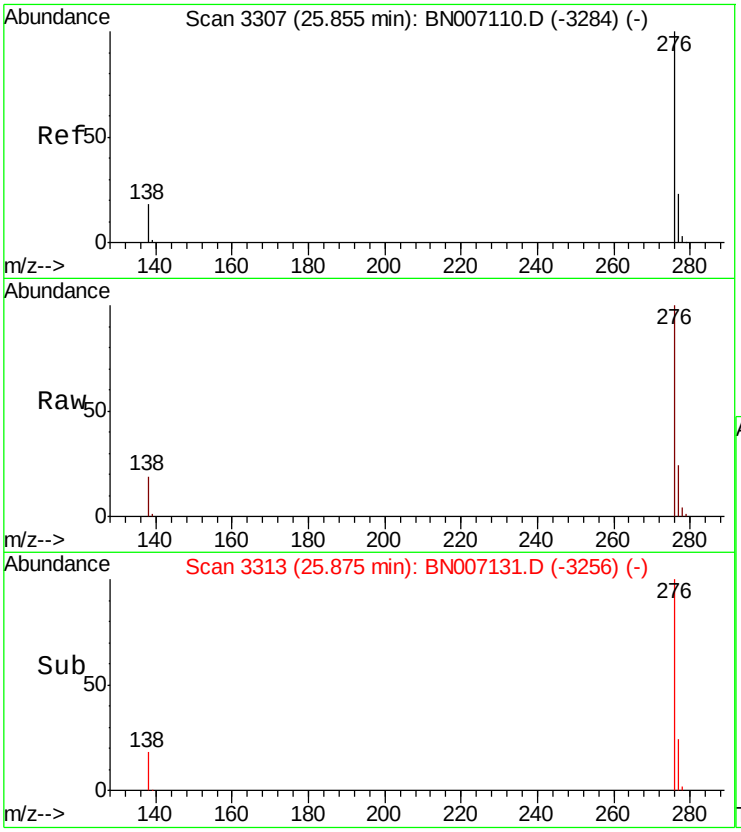


#36
Dibenzo(a,h)anthracene
Concen: 1.042 ng
RT: 25.25 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Tgt Ion:278 Resp: 186482

Ion	Ratio	Lower	Upper
278	100		
139	17.6	11.3	16.9#
279	30.4	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 4.043 ng
RT: 25.88 min Scan# 3313
Delta R.T. -0.00 min
Lab File: BN007131.D
Acq: 13 Aug 2019 14:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 744114

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	18.6	14.6	22.0