Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
Data File : BN007304.D
Acq On : 21 Aug 2019 23:34
Operator : HP/JU
Sample : K4443-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 22 05:01:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 18:52:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	4799	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	18619	0.40	ng		0.00
13) Acenaphthene-d10	14.05	164	10456	0.40	ng		0.00
19) Phenanthrene-d10	16.81	188	25253	0.40	ng		0.00
27) Chrysene-d12	21.03	240	26472	0.40	ng		0.00
34) Perylene-d12	23.14	264	32433	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	3040	0.21	ng		0.00
5) Phenol-d6	6.61	99	3935	0.23	ng		0.00
8) Nitrobenzene-d5	8.54	82	3054	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	6365	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.56	330	1652	0.28	ng		0.00
15) 2-Fluorobiphenyl	12.67	172	8011	0.18	ng		0.00
25) Fluoranthene-d10	18.86	212	13443	0.17	ng		0.00
29) Terphenyl-d14	19.47	244	9376	0.14	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.22	128	4795	0.091	ng	#	93
12) 2-Methylnaphthalene	11.85	142	2531	0.069	ng	#	94
16) Acenaphthylene	13.77	152	9871	0.178	ng		95
17) Acenaphthene	14.12	154	16259	0.460	ng		100
18) Fluorene	15.11	166	23411	0.507	ng		98
22) Pentachlorophenol	16.47	266	185	0.028	ng	#	83
23) Phenanthrene	16.85	178	517987	6.544	ng		100
24) Anthracene	16.94	178	121831	1.709	ng	#	95
26) Fluoranthene	18.89	202	1368644	14.276	ng		99
28) Pyrene	19.25	202	1145884	11.576	ng	#	93
30) Benzo(a)anthracene	21.02	228	845045	8.585	ng		94
31) Chrysene	21.07	228	883987	8.800	ng	#	95
32) Bis(2-ethylhexyl)phthalate	20.99	149	28561	0.726	ng	#	97
33) Indeno(1,2,3-cd)pyrene	25.22	276	566861	4.690	ng		96
35) Benzo(b)fluoranthene	22.53	252	1081921	8.948	ng		99
36) Benzo(k)fluoranthene	22.53	252	1081921	9.134	ng		99
37) Benzo(a)pyrene	23.06	252	785974	7.213	ng		98
38) Dibenzo(a,h)anthracene	25.23	278	166185	1.452	ng	#	86
39) Benzo(g,h,i)perylene	25.85	276	589134	5.091	ng		99

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

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QLast Update : Tue Aug 20 18:52:43 2019
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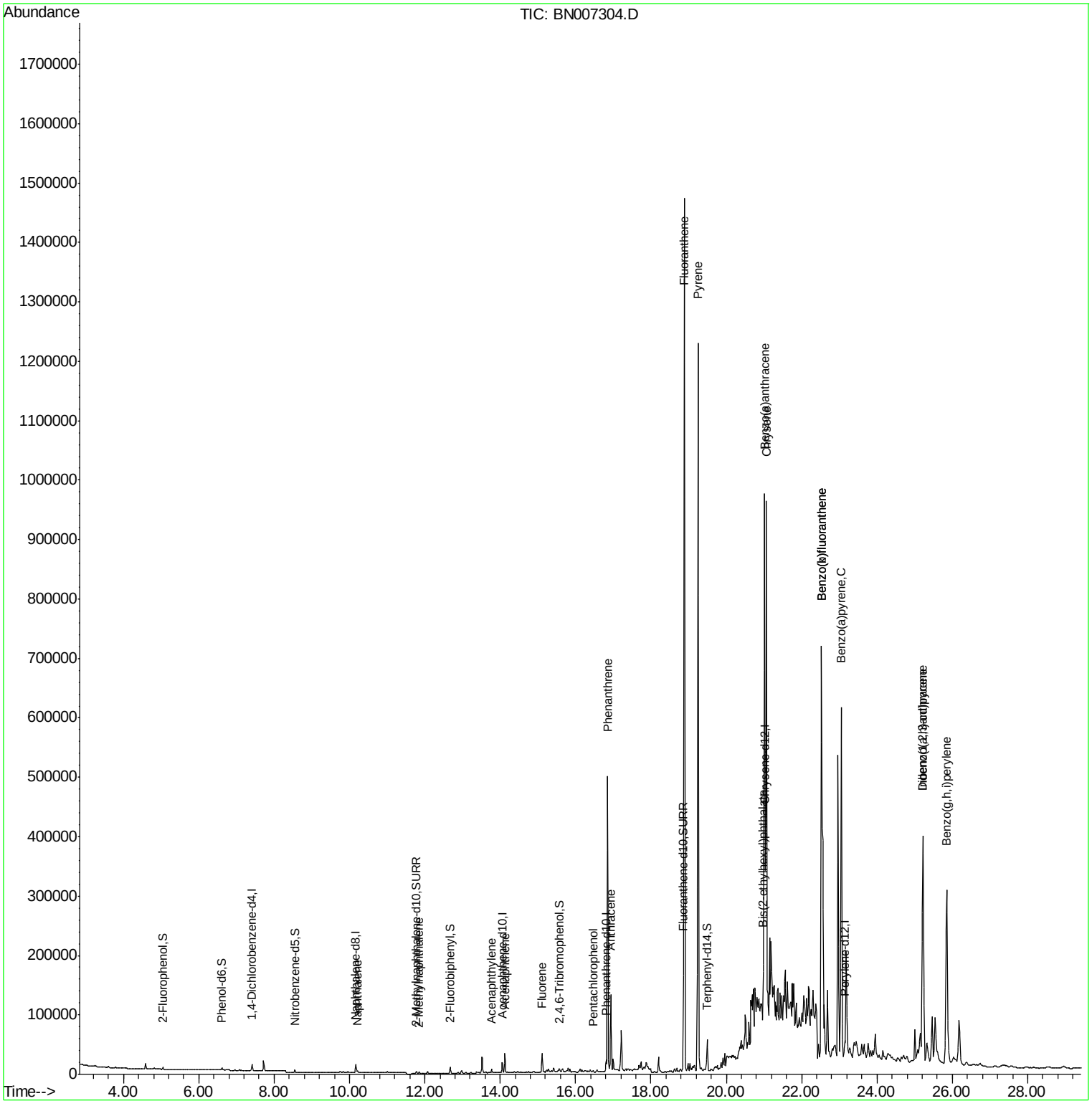
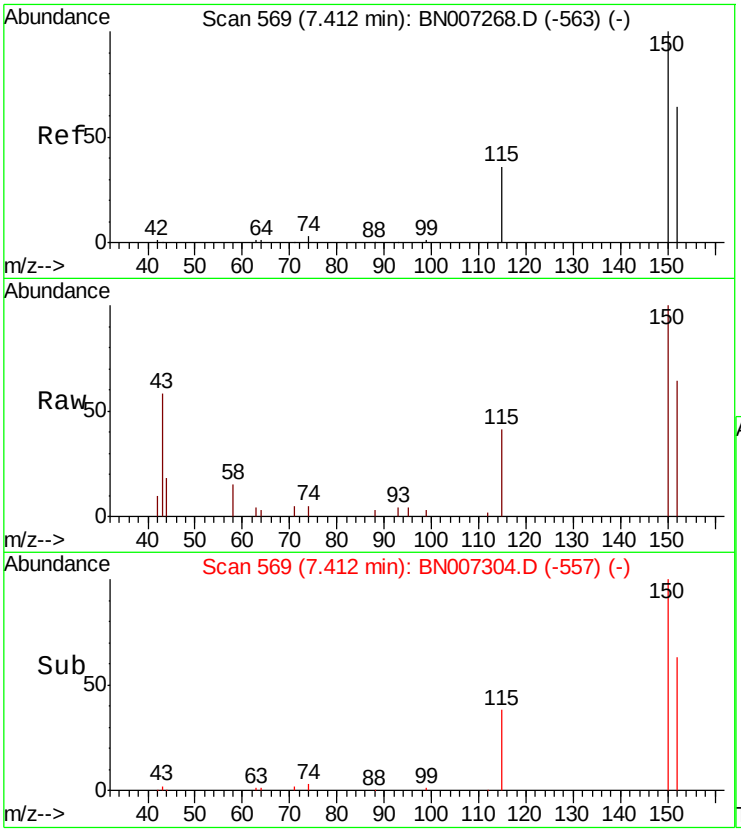


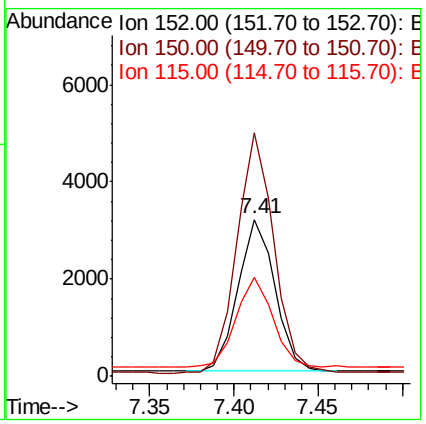


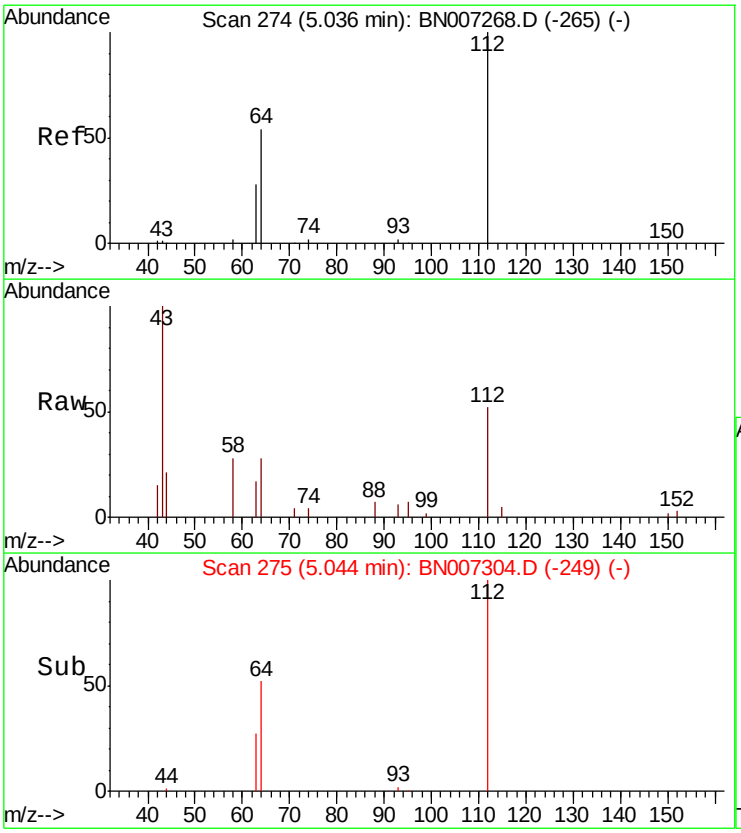
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4799

Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.8	185.8
115	63.0	47.3	70.9

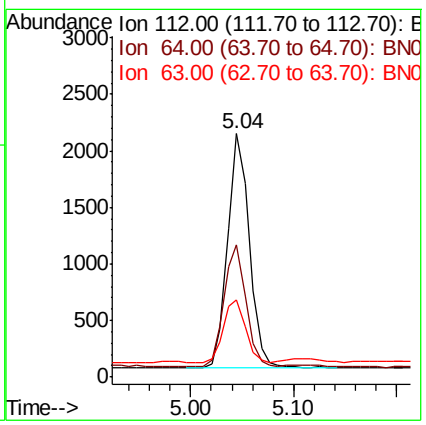


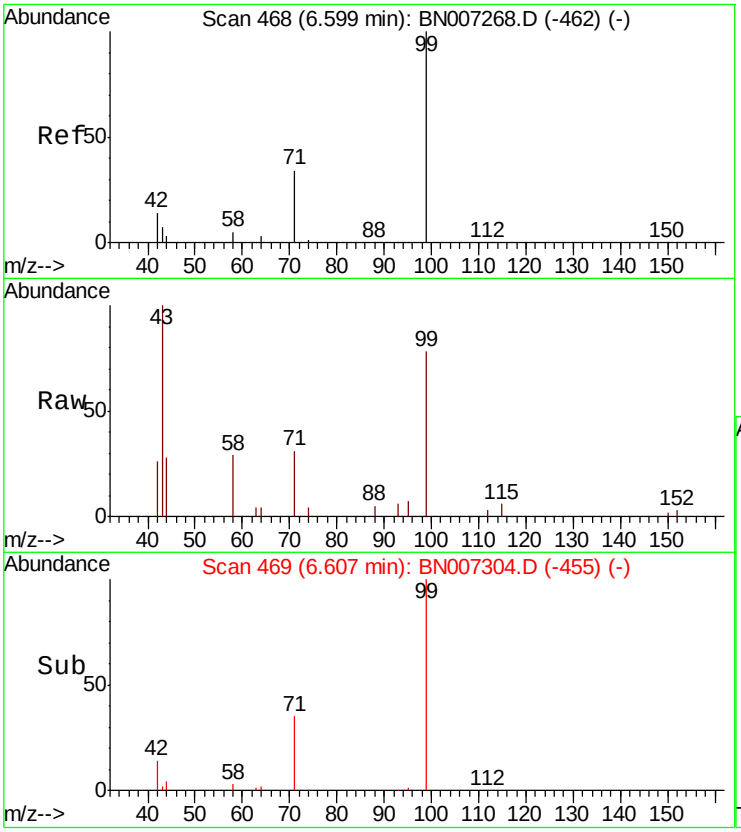


#4
2-Fluorophenol
Concen: 0.208 ng
RT: 5.04 min Scan# 275
Delta R.T. 0.01 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Tgt Ion:112 Resp: 3040

Ion	Ratio	Lower	Upper
112	100		
64	52.5	41.8	62.8
63	27.4	22.6	34.0



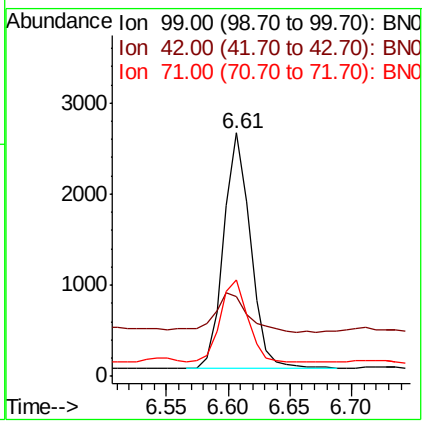


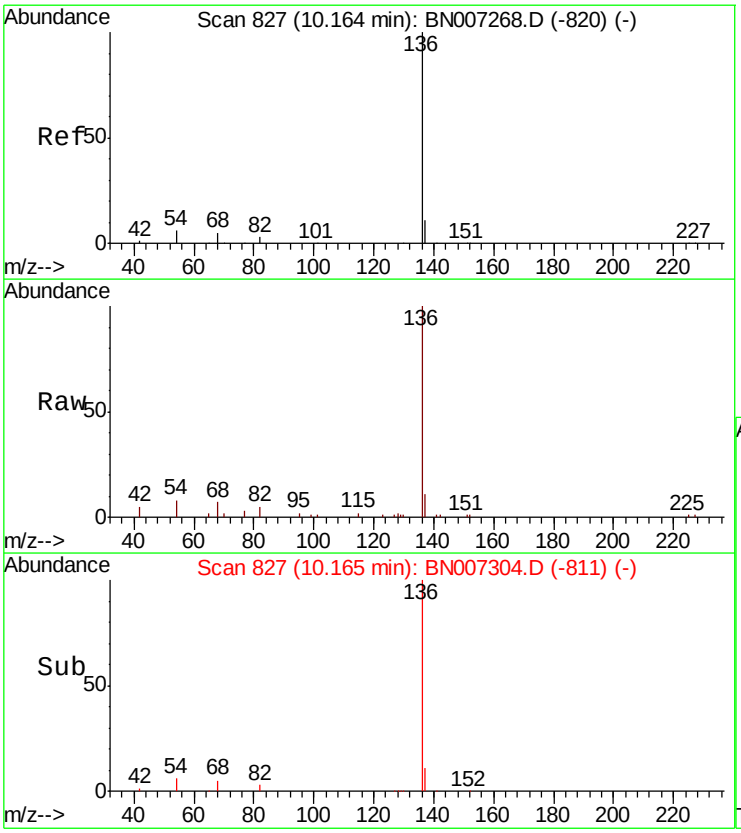
#5
Phenol-d6
Concen: 0.228 ng
RT: 6.61 min Scan# 469
Delta R.T. 0.01 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3935

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.3	21.5
71	36.7	27.3	40.9

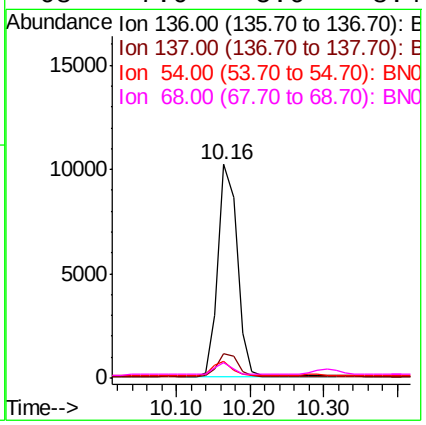


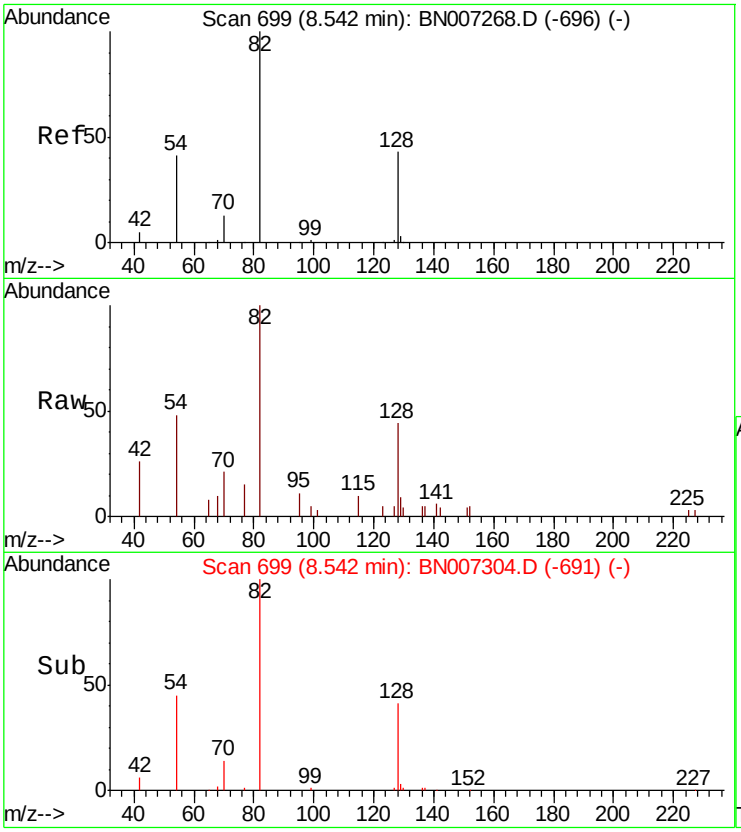


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Tgt Ion:136 Resp: 18619

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.6	5.9	8.9
68	7.0	5.6	8.4



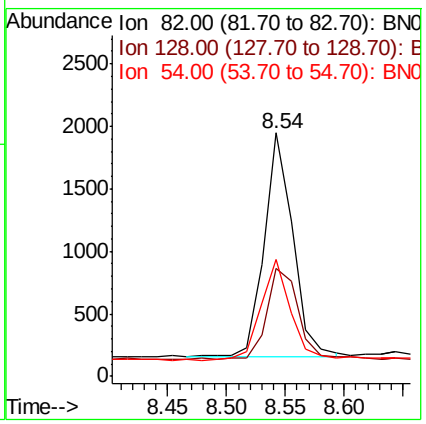


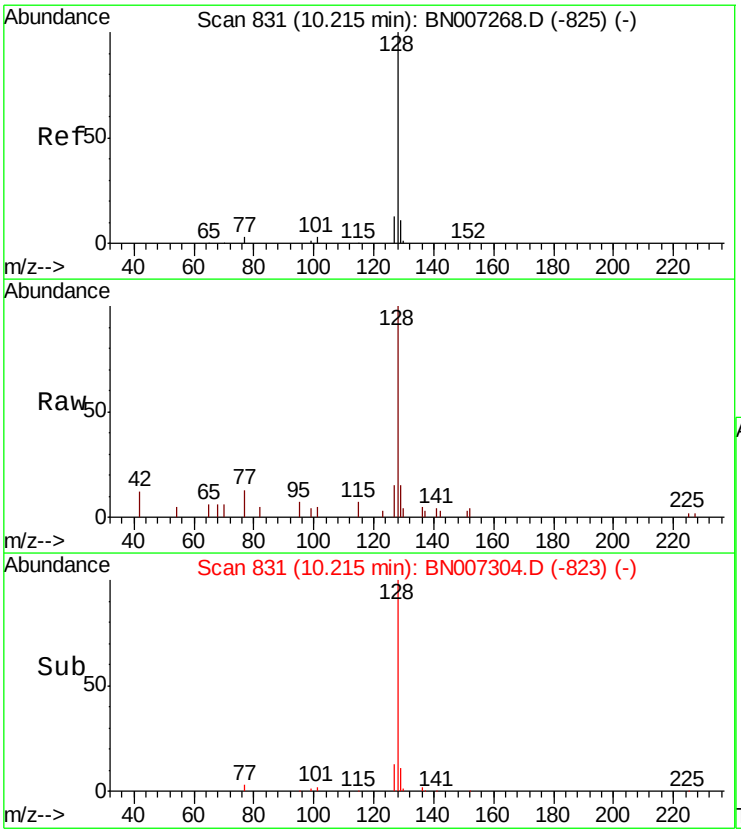
#8
Nitrobenzene-d5
Concen: 0.214 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 3054

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.8	53.6
54	48.3	34.7	52.1

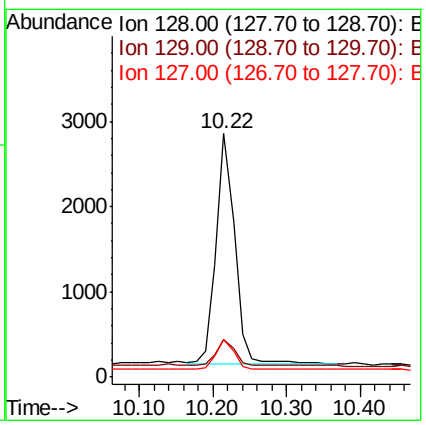


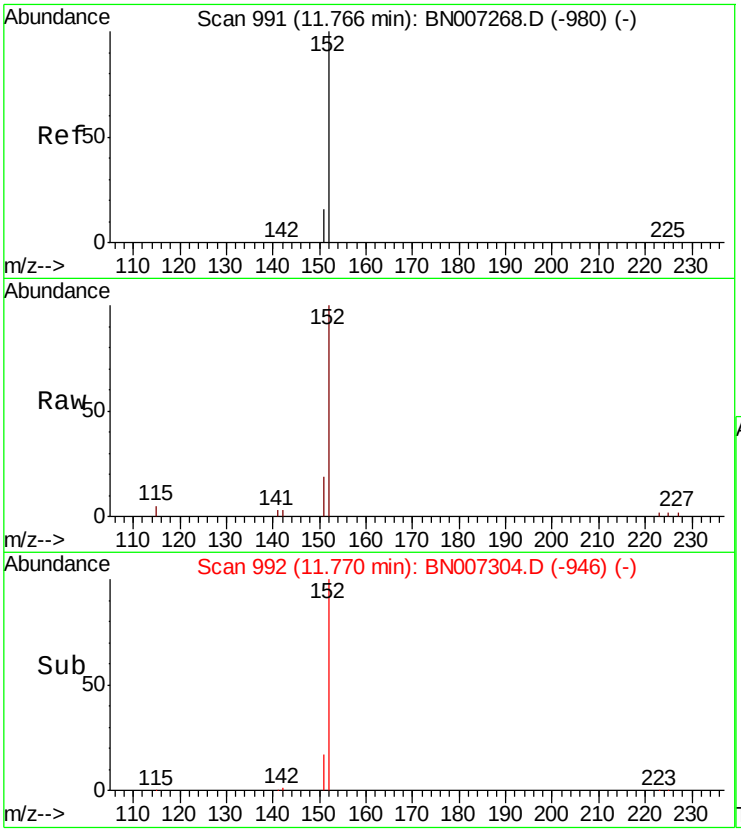


#9
Naphthalene
Concen: 0.091 ng
RT: 10.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Tgt Ion:128 Resp: 4795

Ion	Ratio	Lower	Upper
128	100		
129	15.2	9.1	13.7#
127	15.3	10.6	16.0



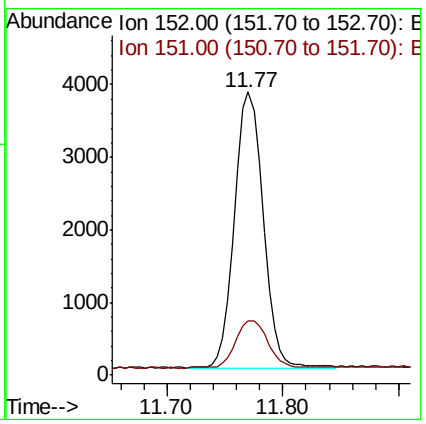


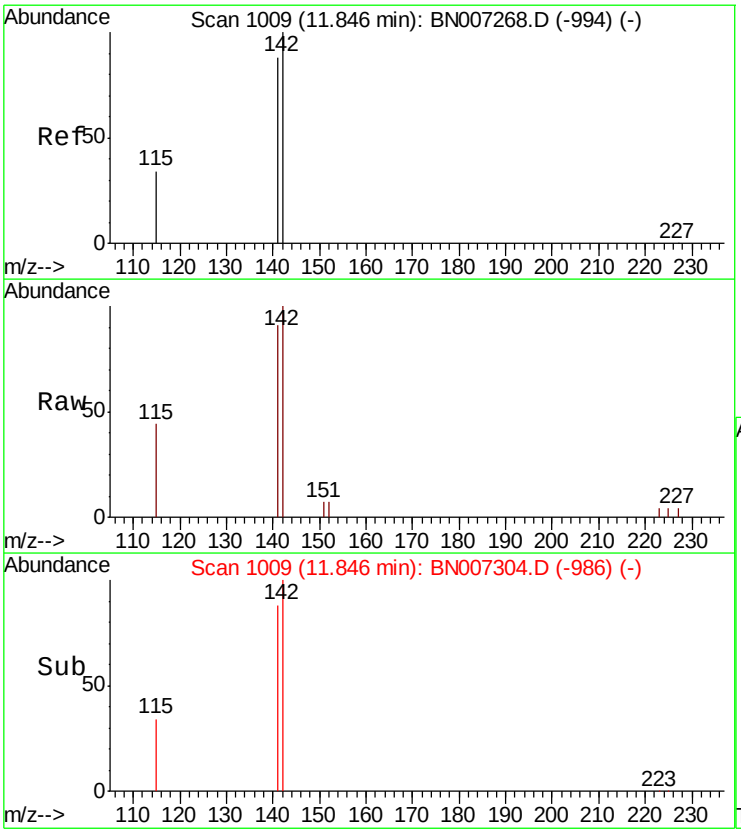
#11
2-Methylnaphthalene-d10
Concen: 0.198 ng
RT: 11.77 min Scan# 992
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6365

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.2	22.8

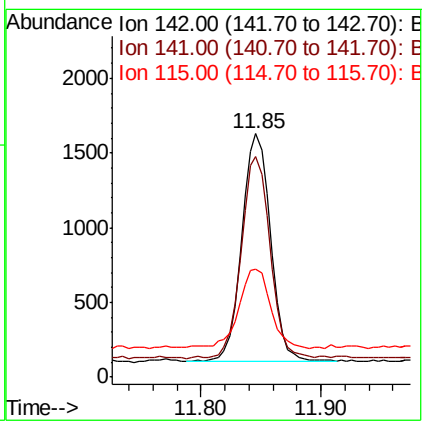


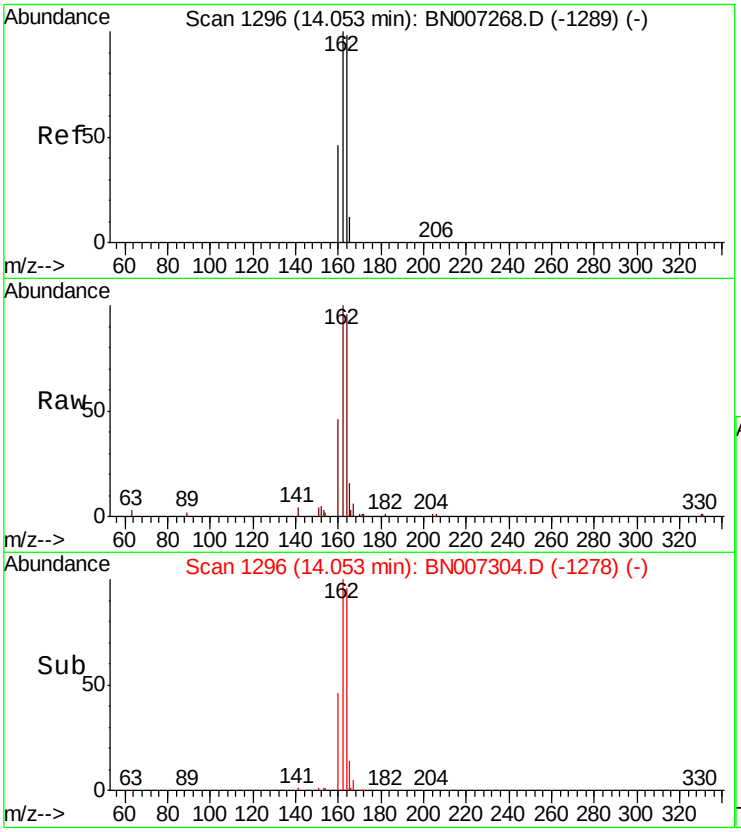


#12
2-Methylnaphthalene
Concen: 0.069 ng
RT: 11.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Tgt Ion:142 Resp: 2531

Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.7	106.1
115	44.3	28.1	42.1#



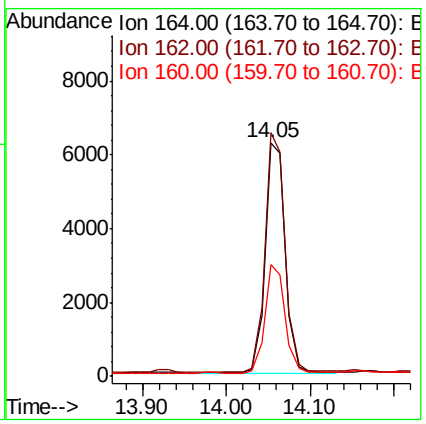


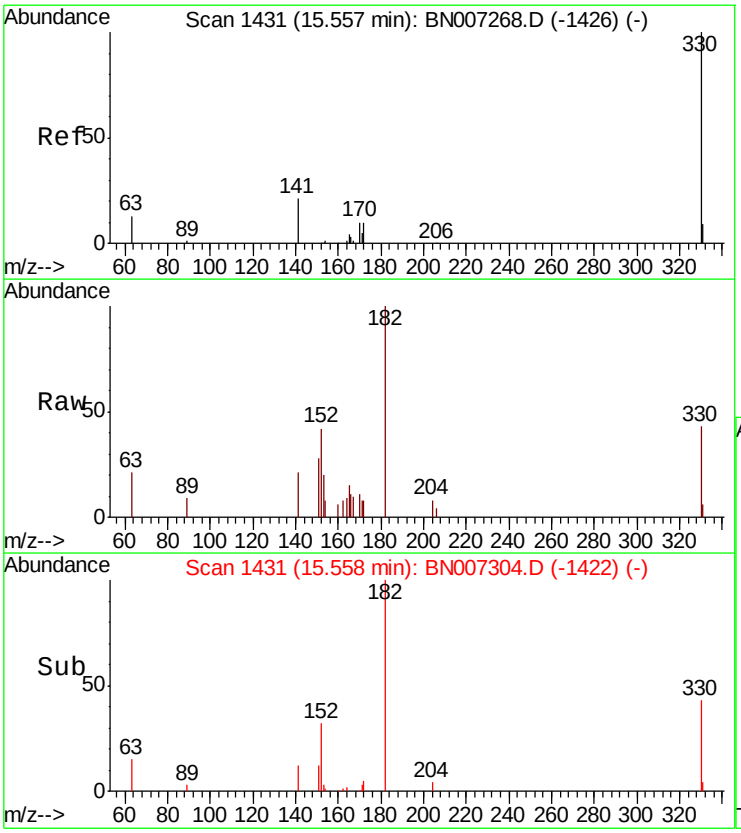
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 10456

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.0	123.0
160	48.1	38.2	57.4

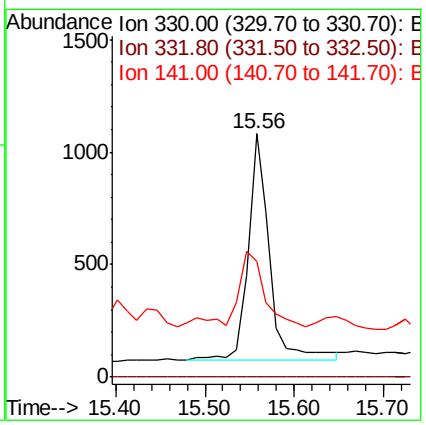


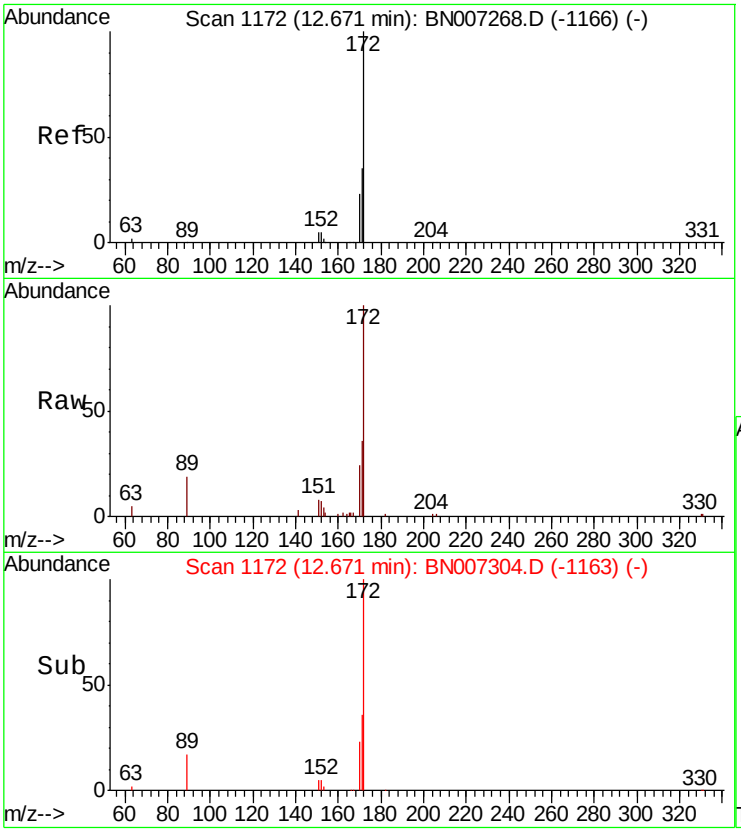


#14
2,4,6-Tribromophenol
Concen: 0.281 ng
RT: 15.56 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Tgt Ion:330 Resp: 1652

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.0	30.3	45.5



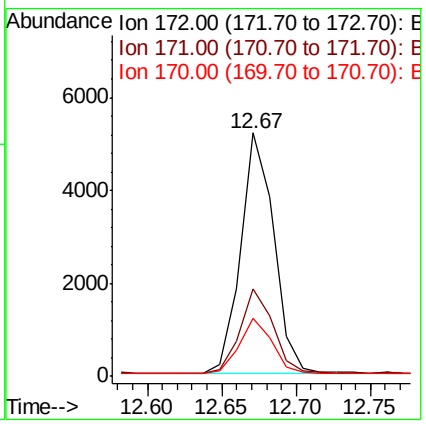


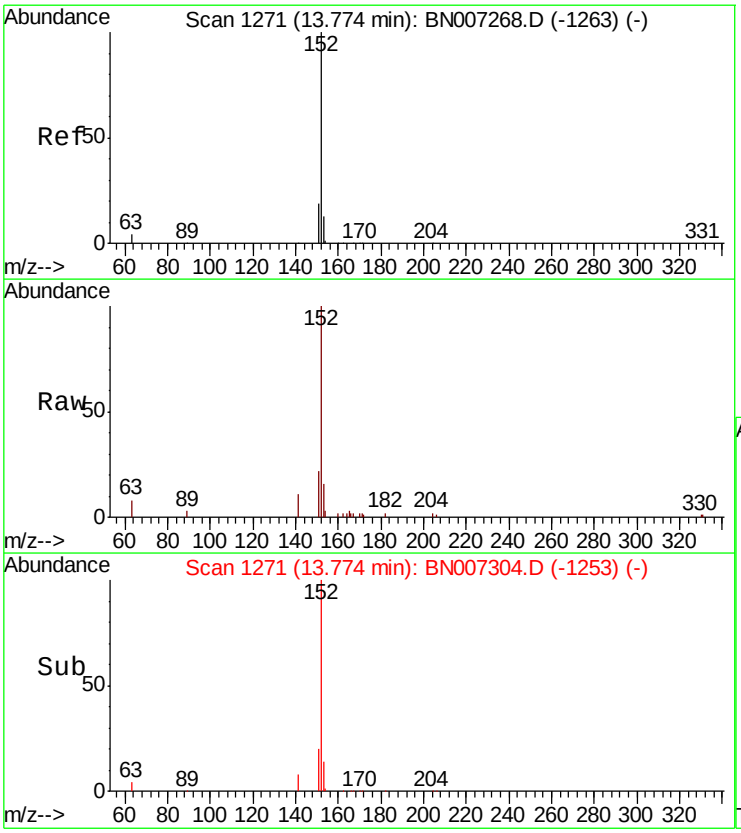
#15
2-Fluorobiphenyl
Concen: 0.179 ng
RT: 12.67 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 8011

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.8	18.7	28.1

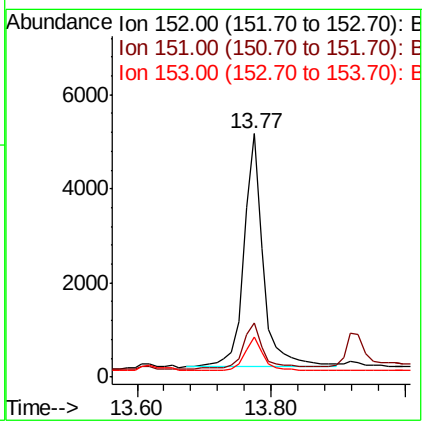


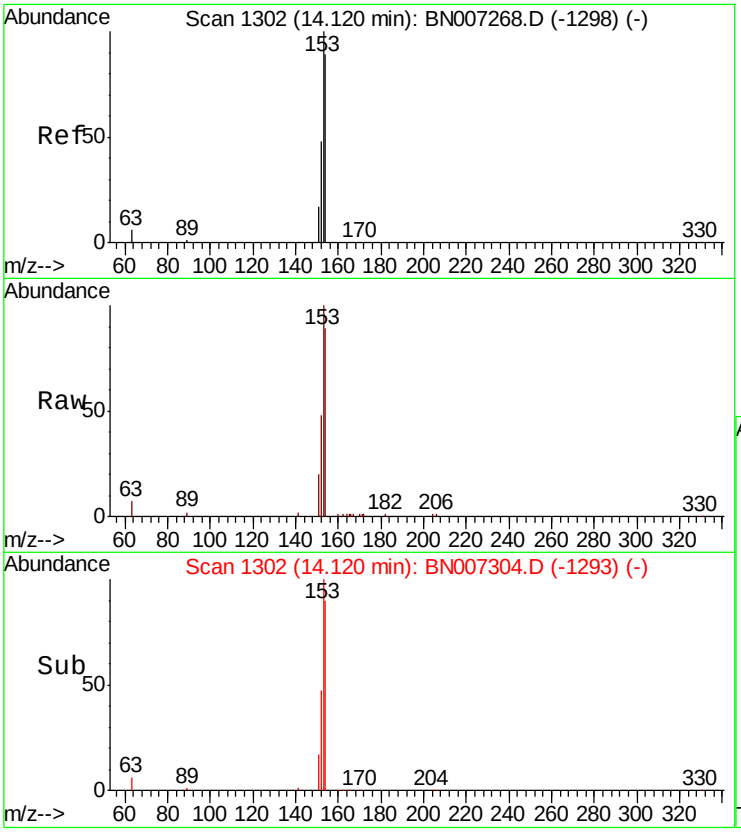


#16
Acenaphthylene
Concen: 0.178 ng
RT: 13.77 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Tgt Ion:152 Resp: 9871

Ion	Ratio	Lower	Upper
152	100		
151	22.3	15.4	23.2
153	13.7	10.1	15.1



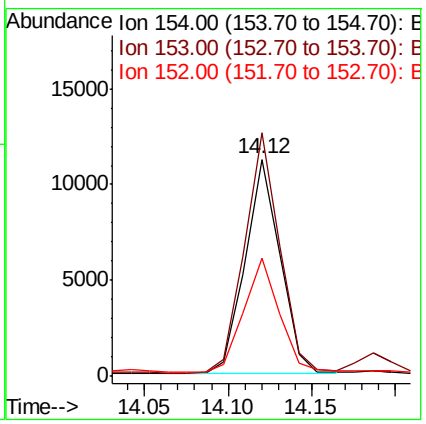


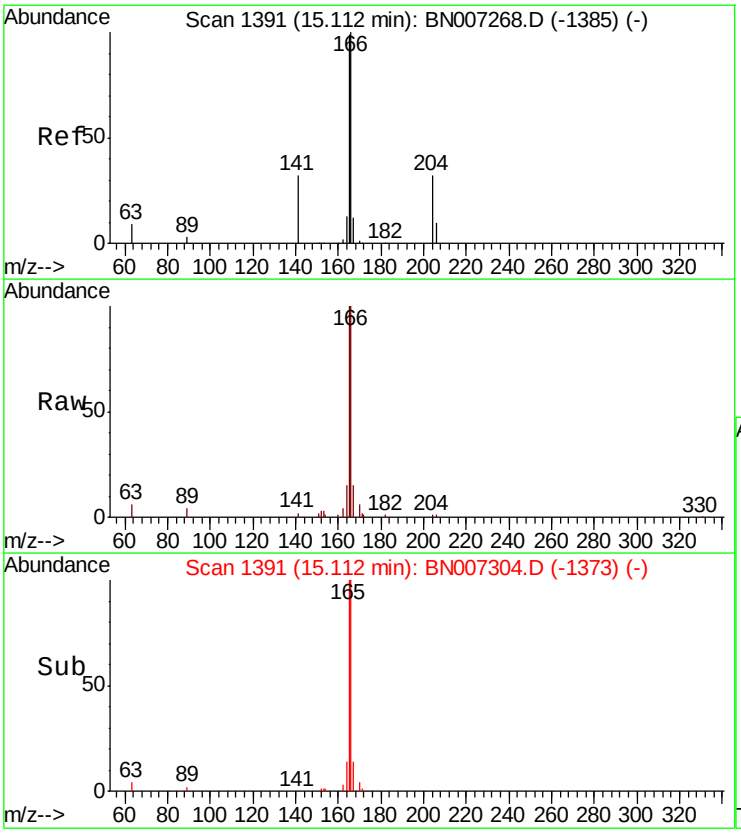
#17
Acenaphthene
Concen: 0.460 ng
RT: 14.12 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 16259

Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.9	134.9
152	55.9	43.9	65.9

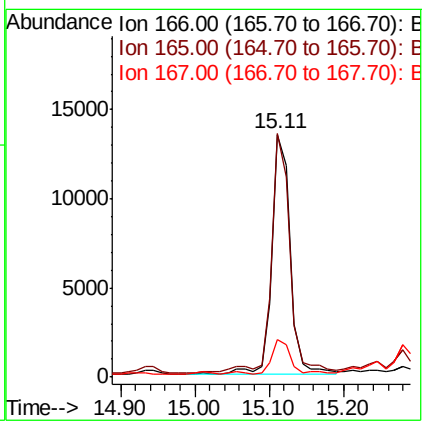


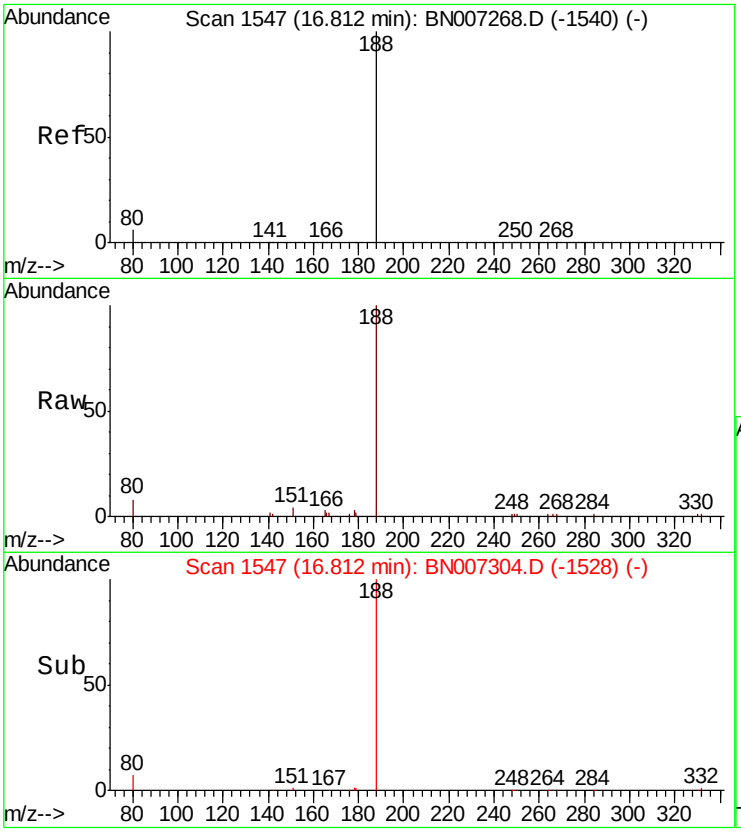


#18
Fluorene
Concen: 0.507 ng
RT: 15.11 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Tgt Ion:166 Resp: 23411

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.3	117.5
167	14.6	11.1	16.7



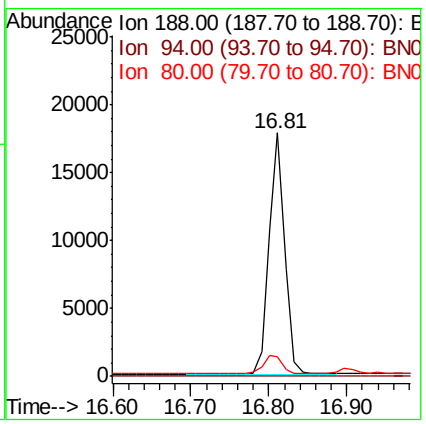


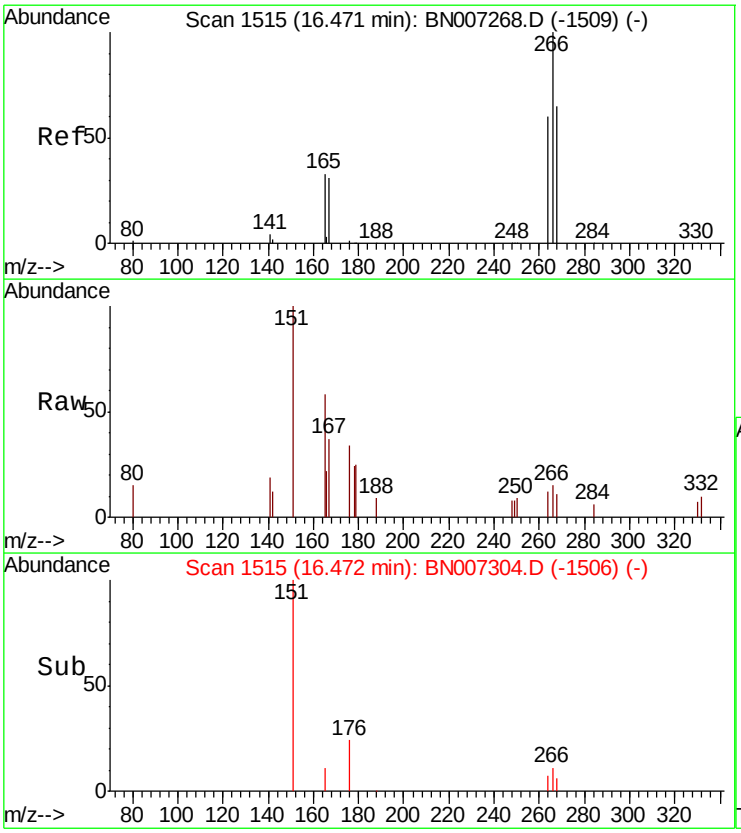
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.81 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 25253

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	5.2	7.8#

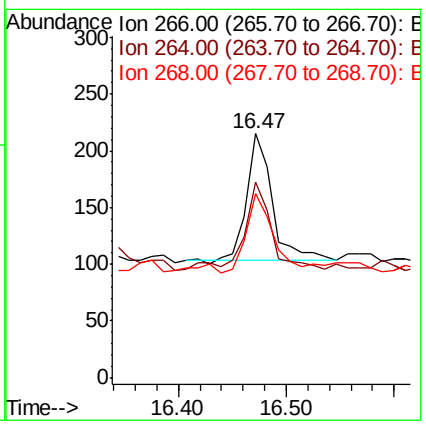


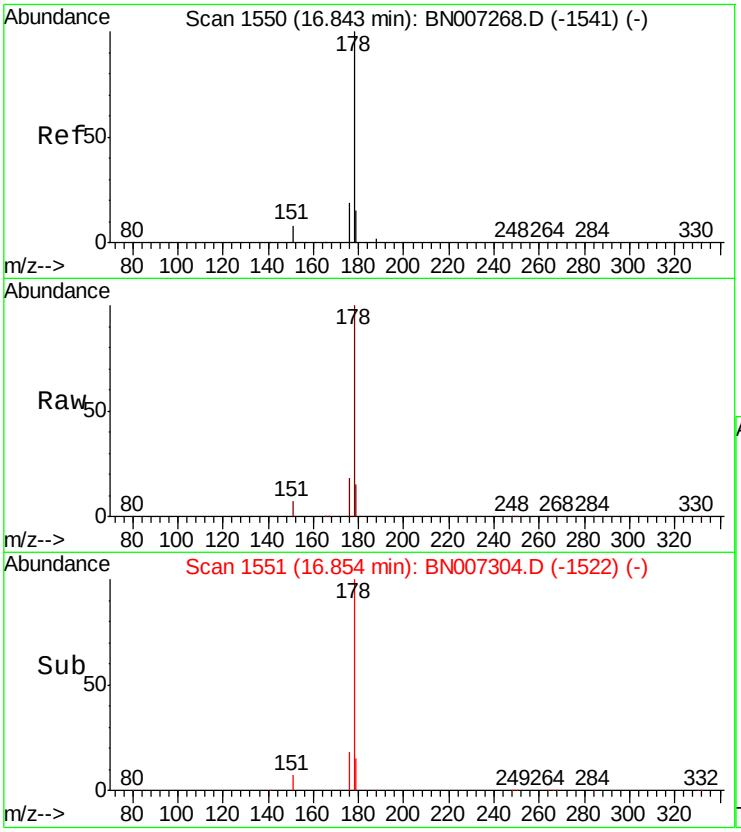


#22
Pentachlorophenol
Concen: 0.028 ng
RT: 16.47 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Tgt Ion:266 Resp: 185

Ion	Ratio	Lower	Upper
266	100		
264	80.0	48.7	73.1#
268	75.3	53.5	80.3



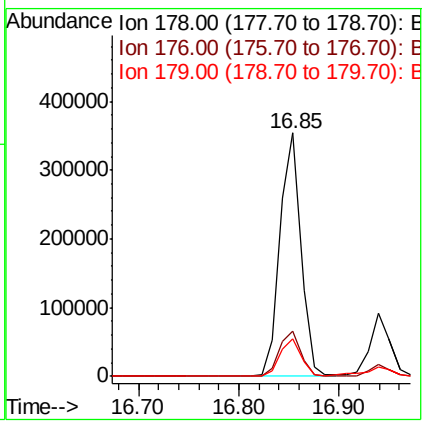


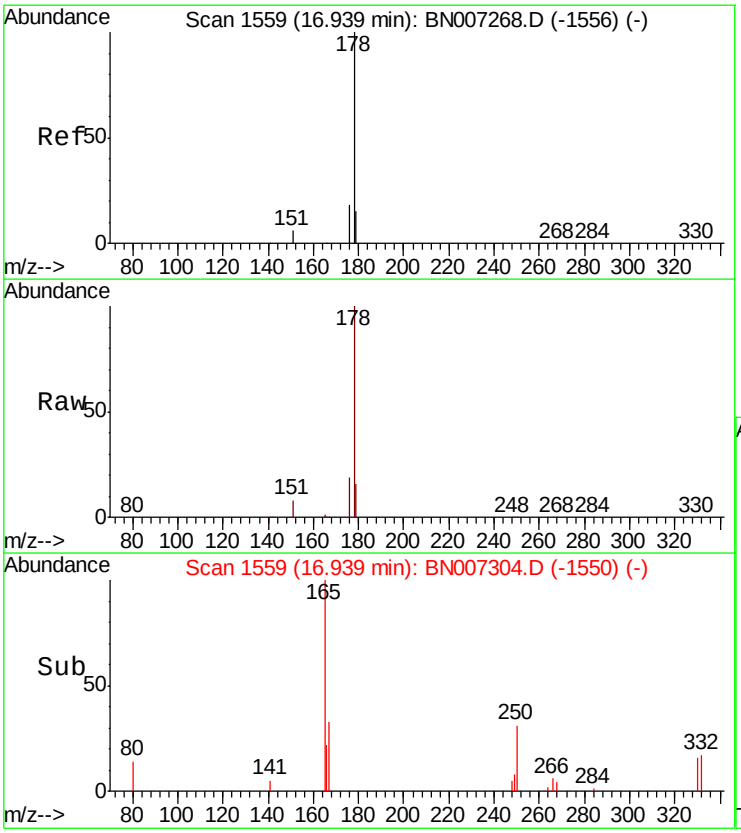
#23
Phenanthrene
Concen: 6.544 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 517987

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.3	12.3	18.5

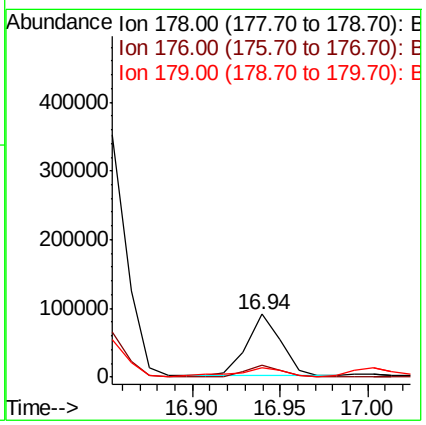


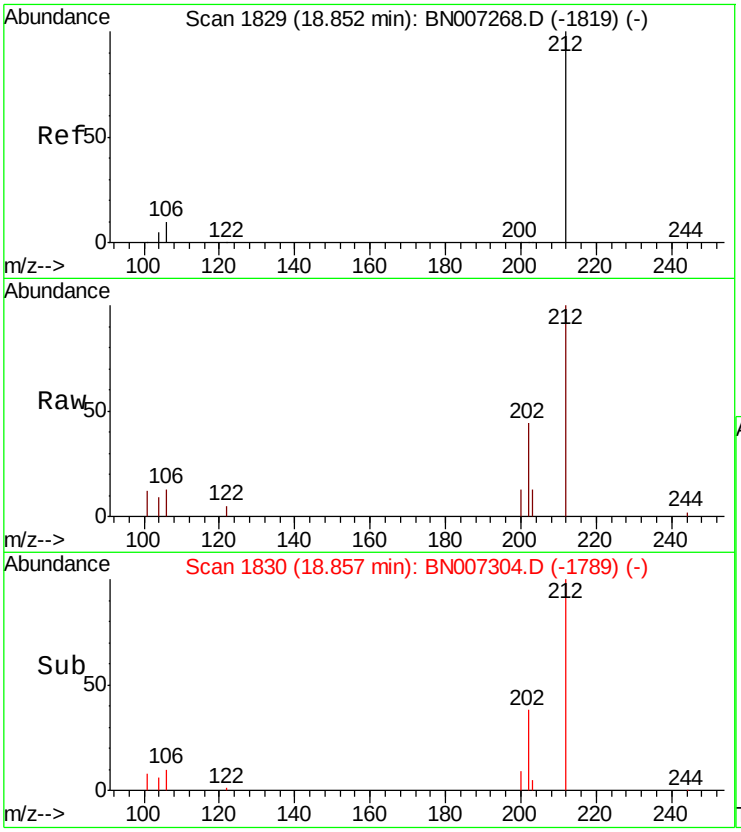


#24
Anthracene
Concen: 1.709 ng
RT: 16.94 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Tgt Ion:178 Resp: 121831

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.3	21.5
179	19.9	12.3	18.5#



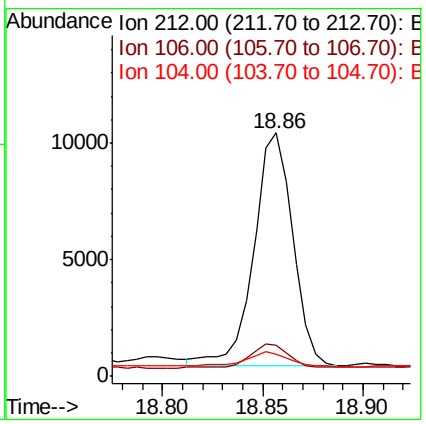


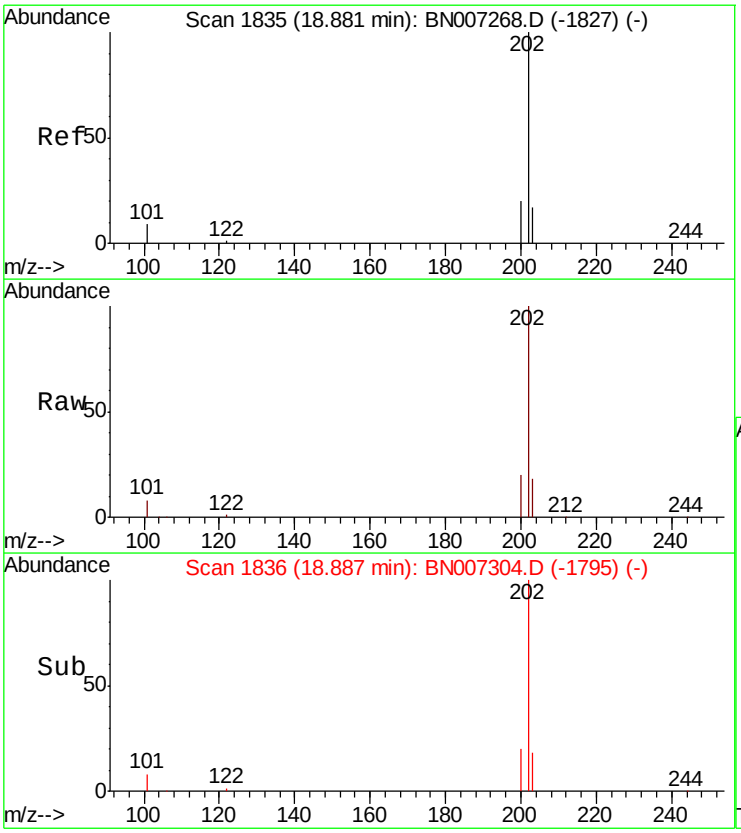
#25
Fluoranthene-d10
Concen: 0.168 ng
RT: 18.86 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 13443

Ion	Ratio	Lower	Upper
212	100		
106	10.1	8.2	12.4
104	7.1	4.7	7.1#

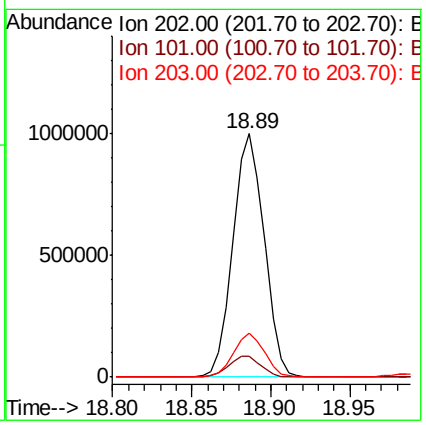


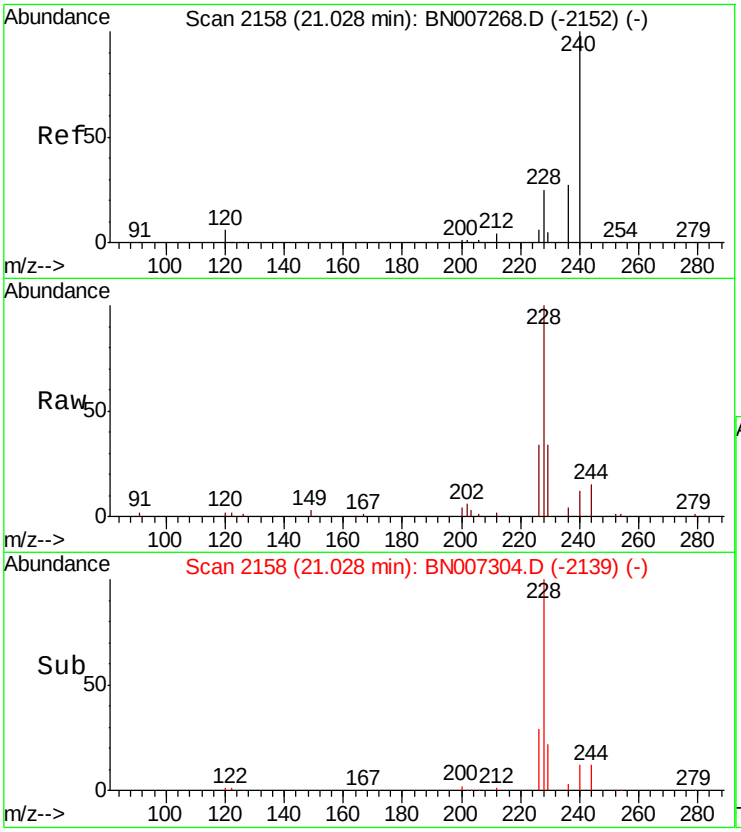


#26
Fluoranthene
Concen: 14.276 ng
RT: 18.89 min Scan# 1836
Delta R.T. 0.01 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Tgt Ion:202 Resp: 1368644

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.2	10.8
203	17.6	13.8	20.6



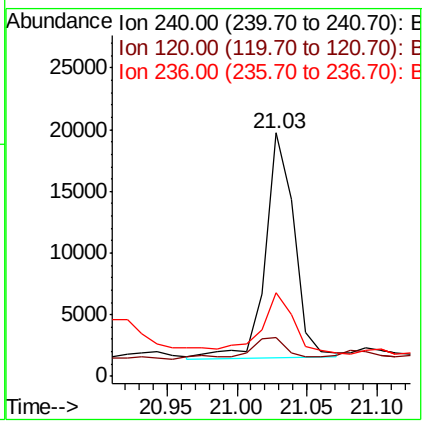


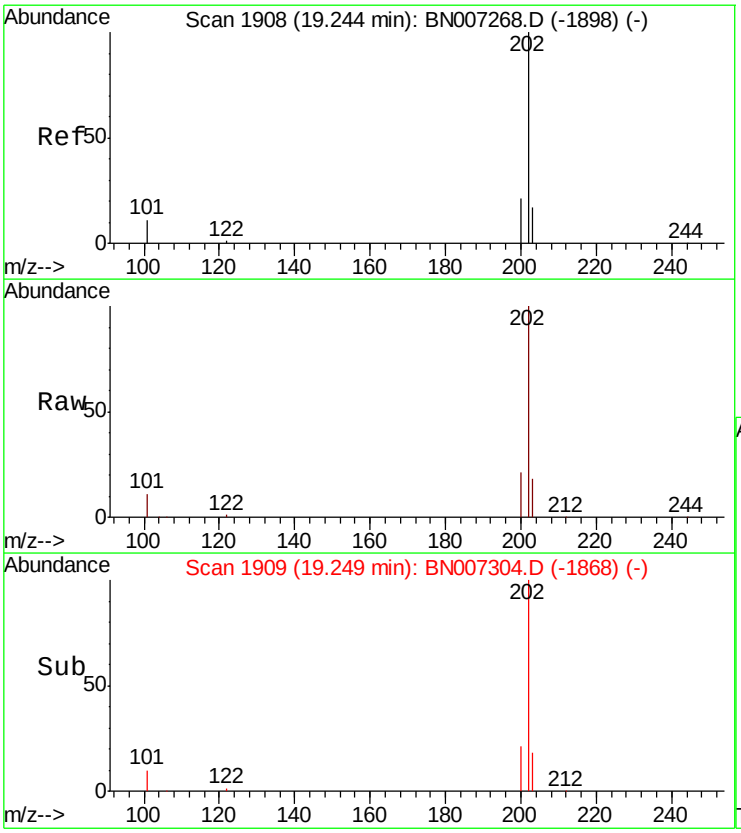
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 26472

Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.6	8.4#
236	34.2	21.6	32.4#

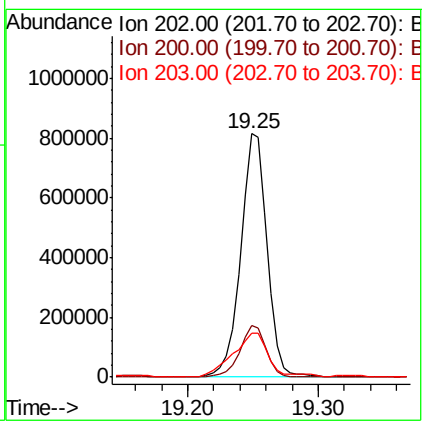


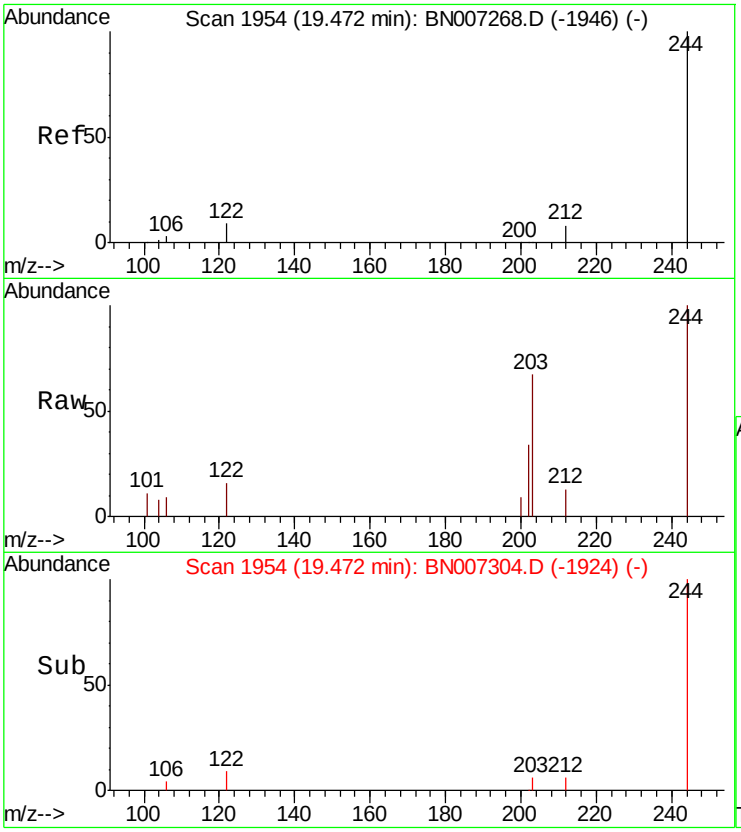


#28
Pyrene
Concen: 11.576 ng
RT: 19.25 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Tgt Ion:202 Resp: 1145884

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	23.5	13.9	20.9#



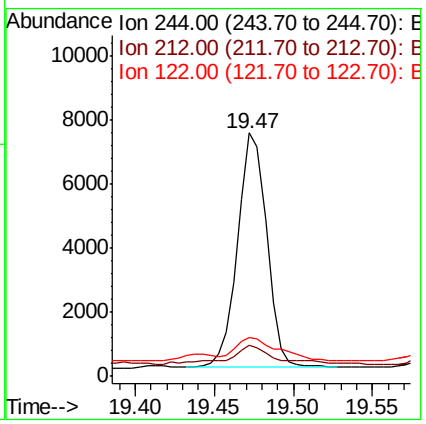


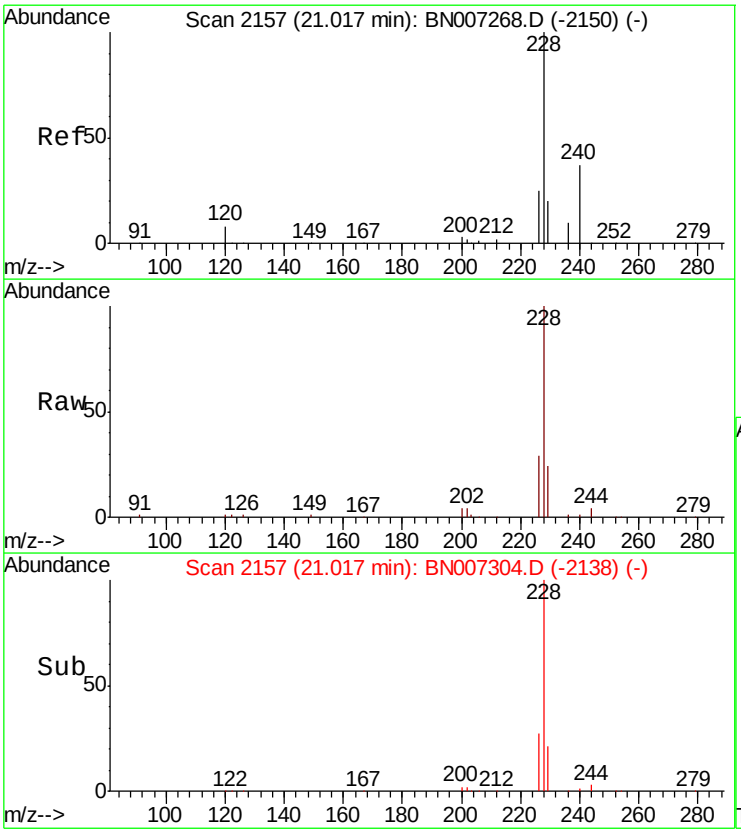
#29
Terphenyl-d14
Concen: 0.142 ng
RT: 19.47 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 9376

Ion	Ratio	Lower	Upper
244	100		
212	12.7	6.5	9.7#
122	16.0	7.9	11.9#

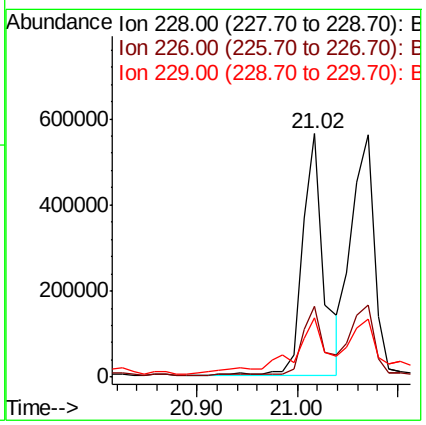


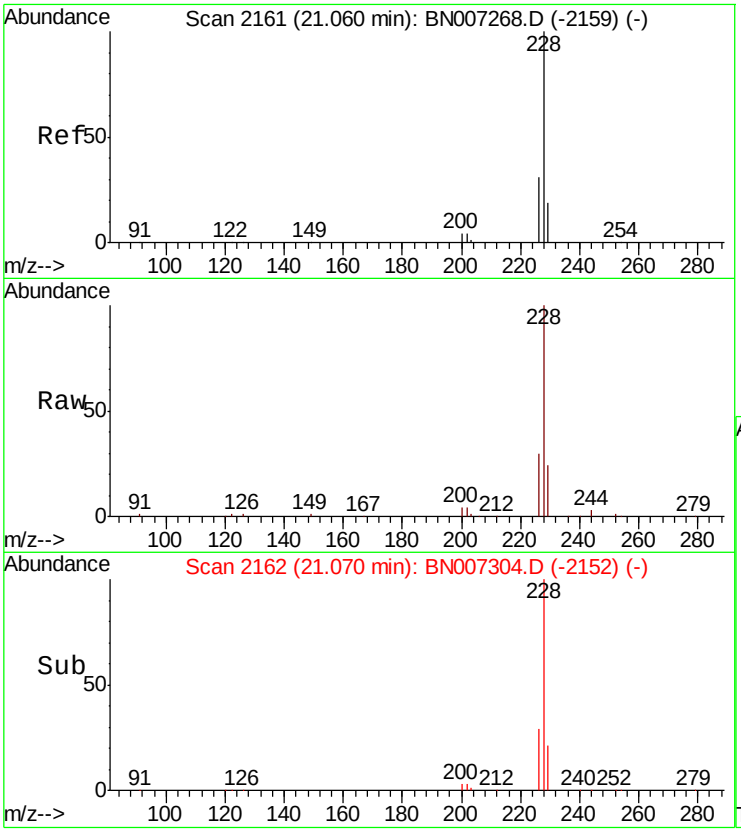


#30
Benzo(a)anthracene
Concen: 8.585 ng
RT: 21.02 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Tgt Ion:228 Resp: 845045

Ion	Ratio	Lower	Upper
228	100		
226	28.8	20.6	30.8
229	24.1	16.9	25.3



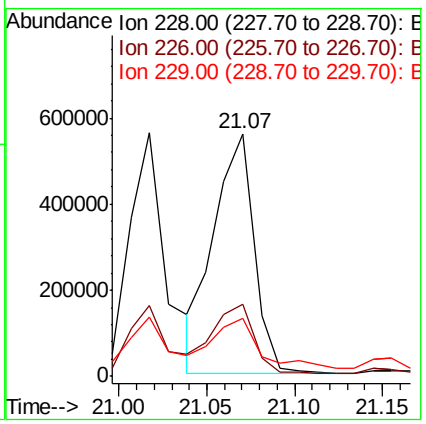


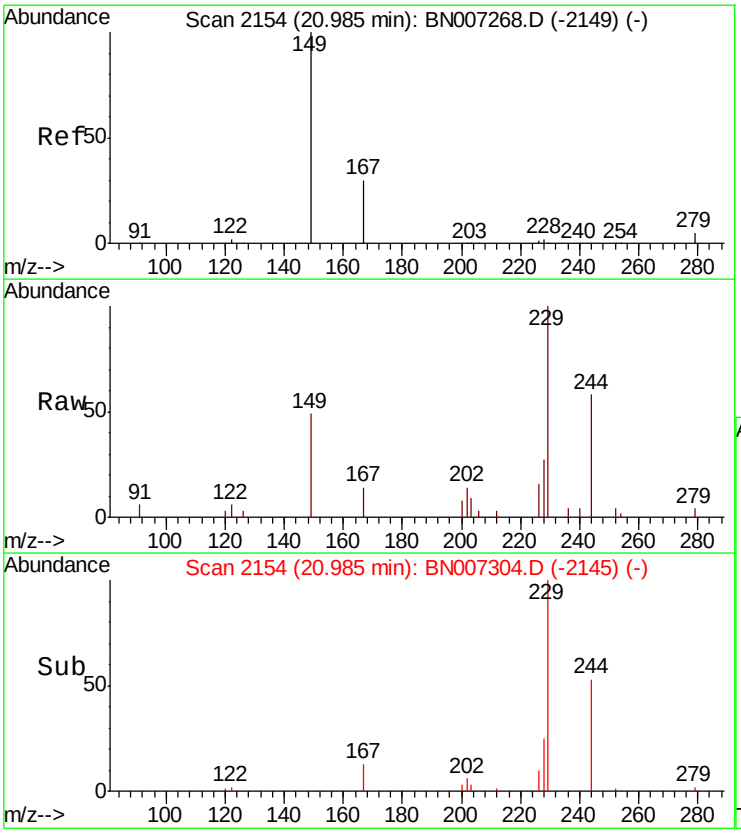
#31
Chrysene
Concen: 8.800 ng
RT: 21.07 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 883987

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.6	36.8
229	23.9	15.6	23.4#

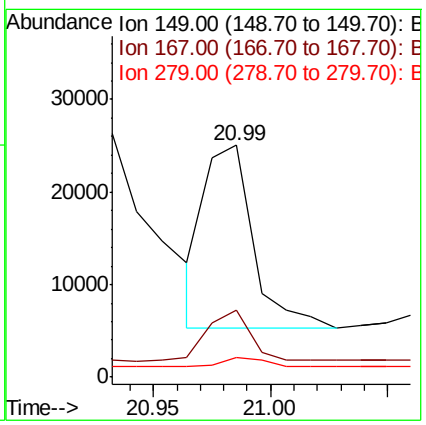


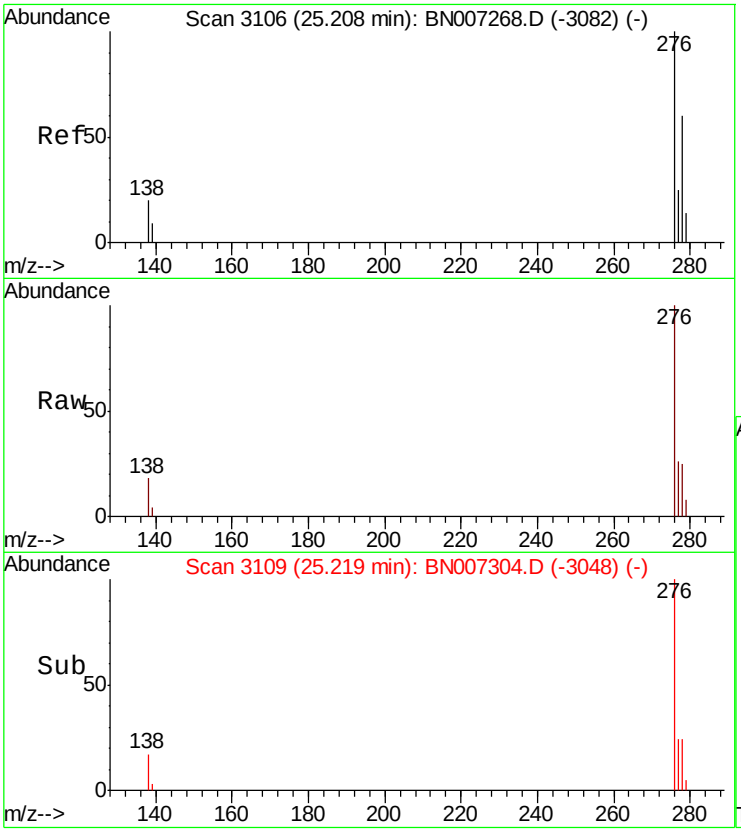


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.726 ng
RT: 20.99 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Tgt Ion:149 Resp: 28561

Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.8	35.6
279	5.8	3.8	5.8#



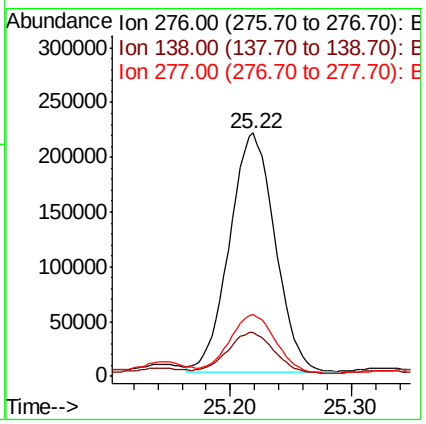


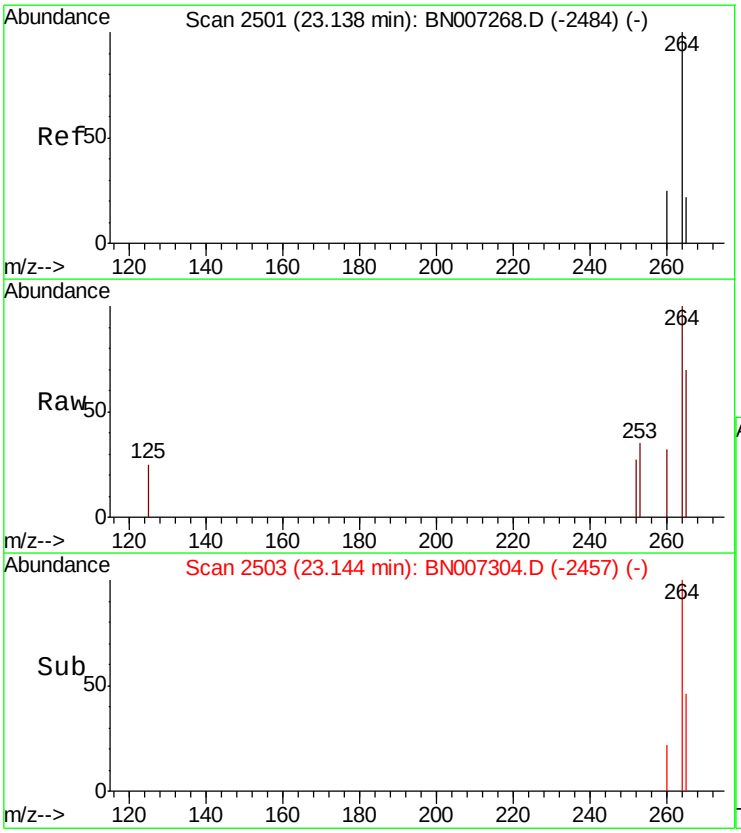
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.690 ng
RT: 25.22 min Scan# 3109
Delta R.T. 0.01 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 566861

Ion	Ratio	Lower	Upper
276	100		
138	17.6	17.1	25.7
277	24.9	20.1	30.1

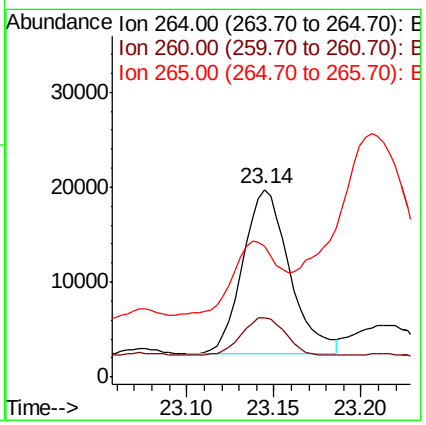


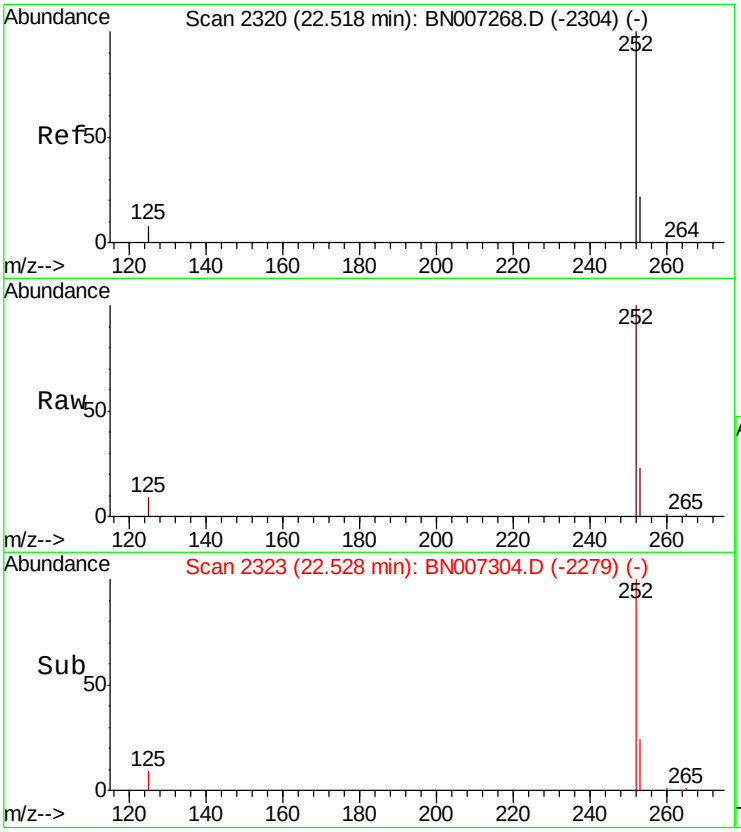


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Tgt Ion:264 Resp: 32433

Ion	Ratio	Lower	Upper
264	100		
260	31.8	20.1	30.1#
265	69.6	29.0	43.6#



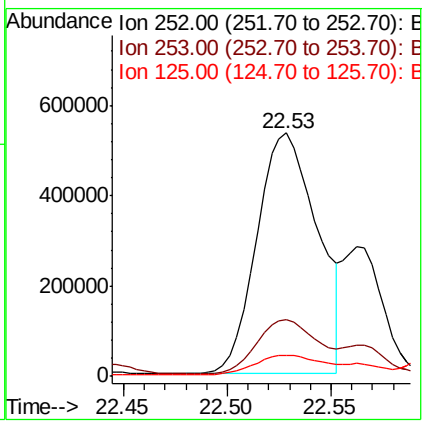


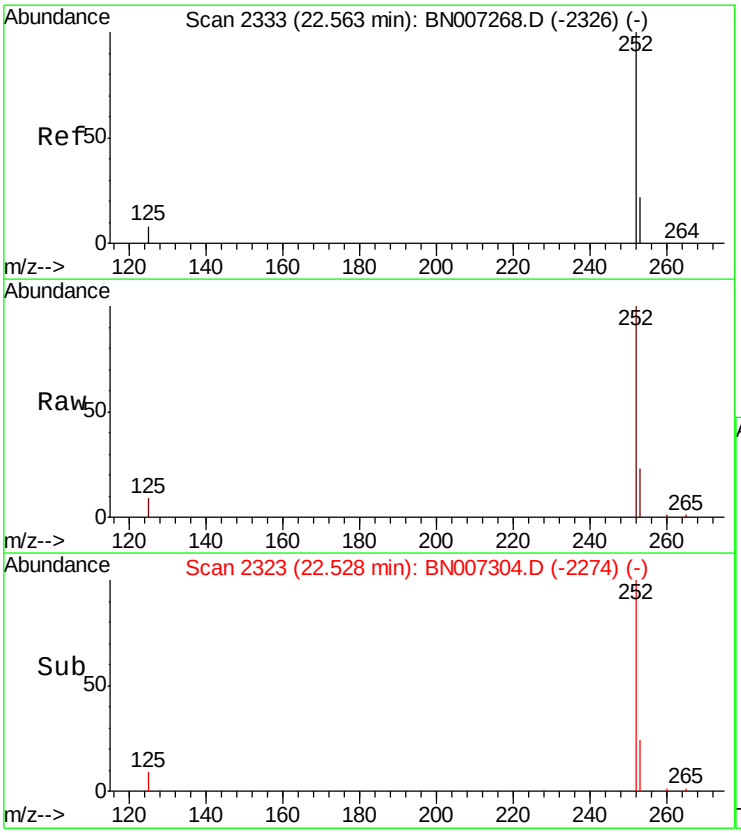
#35
Benzo(b)fluoranthene
Concen: 8.948 ng
RT: 22.53 min Scan# 2323
Delta R.T. 0.01 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1081921

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	8.7	7.8	11.6

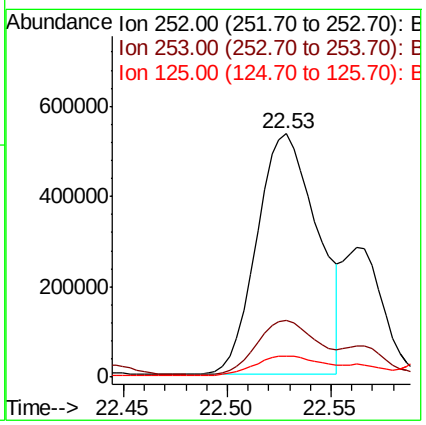


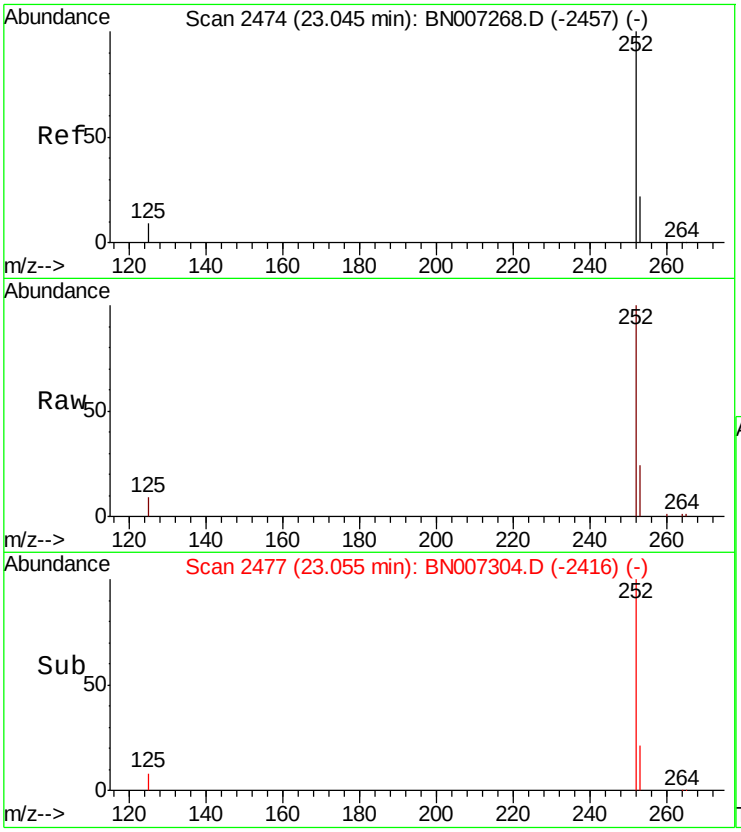


#36
Benzo(k)fluoranthene
Concen: 9.134 ng
RT: 22.53 min Scan# 2323
Delta R.T. -0.03 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Tgt Ion:252 Resp: 1081921

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	8.7	8.0	12.0



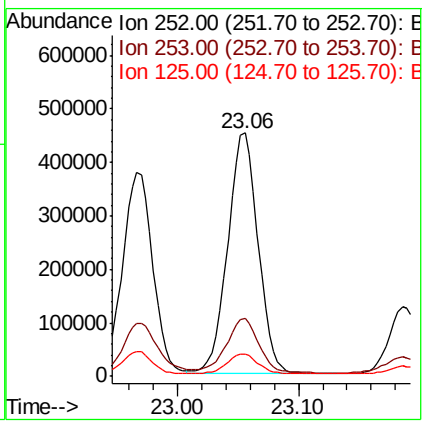


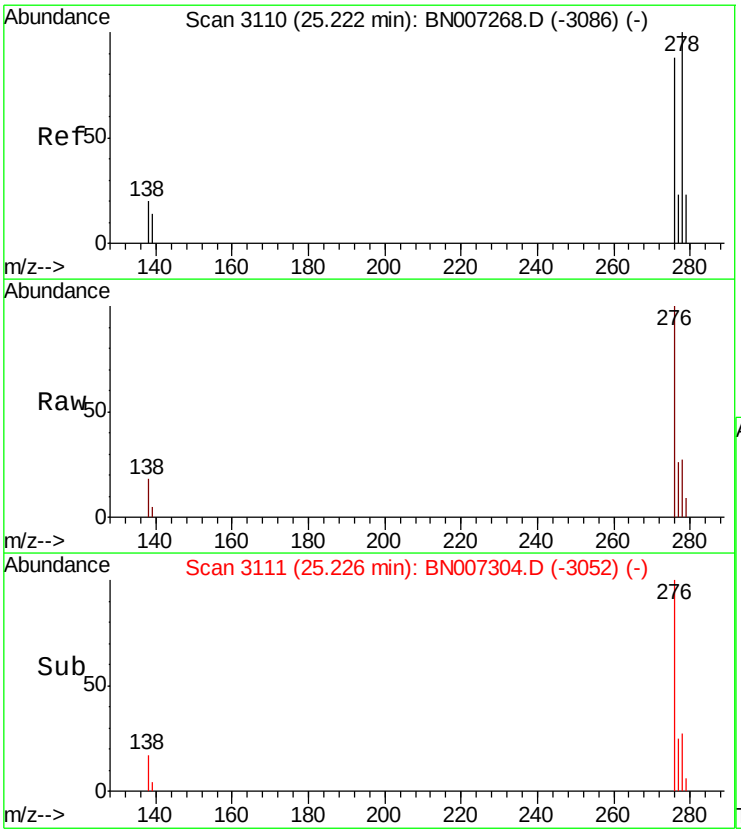
#37
Benzo(a)pyrene
Concen: 7.213 ng
RT: 23.06 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 785974

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.7	28.1
125	9.3	8.7	13.1

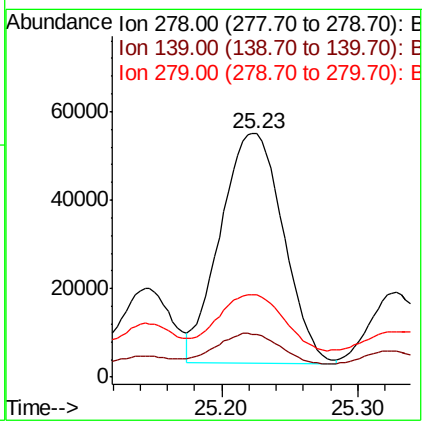


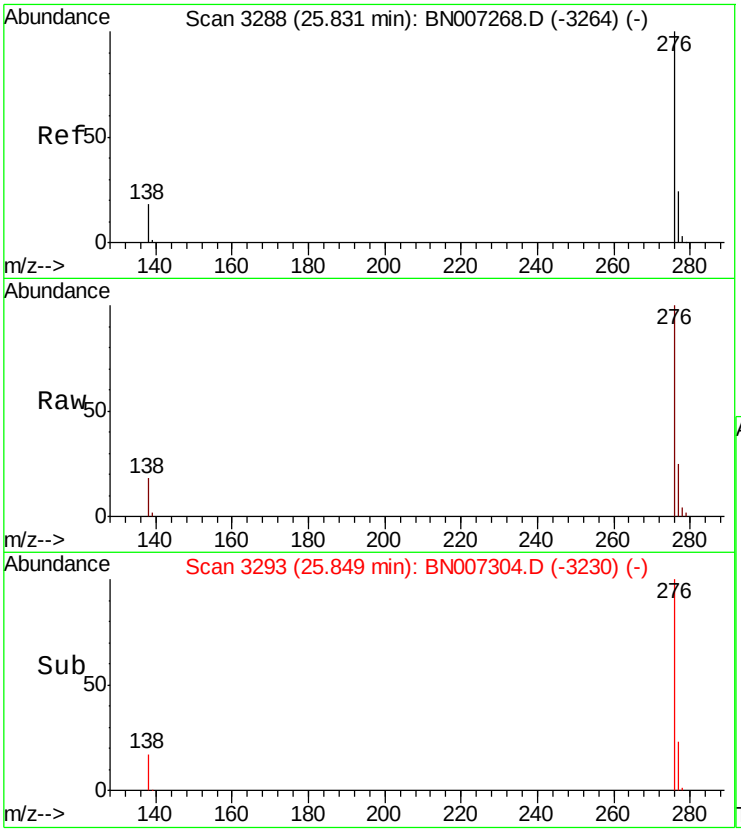


#38
Dibenzo(a,h)anthracene
Concen: 1.452 ng
RT: 25.23 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Tgt Ion:278 Resp: 166185

Ion	Ratio	Lower	Upper
278	100		
139	17.6	11.8	17.8
279	33.6	19.8	29.6#





#39
Benzo(g,h,i)perylene
Concen: 5.091 ng
RT: 25.85 min Scan# 3293
Delta R.T. 0.02 min
Lab File: BN007304.D
Acq: 21 Aug 2019 23:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 589134

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.5	29.3
138	18.1	15.3	22.9