Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101819\
Data File : BE100658.D
Acq On : 18 Oct 2019 16:49
Operator : JU
Sample : K4995-02DL 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 18 23:46:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	7148	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	30780	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	17846	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	36719	0.40	ng		0.00
27) Chrysene-d12	21.37	240	37475	0.40	ng		0.00
34) Perylene-d12	23.85	264	42898	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	209	0.01	ng		0.02
5) Phenol-d6	7.02	99	330	0.01	ng		0.01
8) Nitrobenzene-d5	9.00	82	291	0.02	ng		0.01
11) 2-Methylnaphthalene-d10	12.22	152	408	0.01	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	84	0.02	ng		-0.01
15) 2-Fluorobiphenyl	13.12	172	536	0.01	ng		0.00
25) Fluoranthene-d10	19.22	212	3342	0.01	ng		0.00
29) Terphenyl-d14	19.82	244	1296	0.02	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.66	42	291	0.022	ng	#	1
9) Naphthalene	10.69	128	32807	0.101	ng		99
12) 2-Methylnaphthalene	12.31	142	7571	0.137	ng		95
16) Acenaphthylene	14.20	152	78685	1.025	ng		99
17) Acenaphthene	14.54	154	6792	0.137	ng		97
18) Fluorene	15.52	166	22424	0.340	ng	#	82
23) Phenanthrene	17.24	178	348630	3.452	ng		100
24) Anthracene	17.34	178	64221	0.685	ng		99
26) Fluoranthene	19.26	202	447783	3.397	ng		98
28) Pyrene	19.61	202	596973	5.702	ng		96
30) Benzo(a)anthracene	21.40	228	279042	2.283	ng		92
31) Chrysene	21.40	228	277445	2.271	ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	15937	0.062	ng		97
33) Indeno(1,2,3-cd)pyrene	26.46	276	147397	0.982	ng		96
35) Benzo(b)fluoranthene	23.09	252	278502	2.226	ng		98
36) Benzo(k)fluoranthene	23.09	252	278502	2.165	ng		98
37) Benzo(a)pyrene	23.73	252	227354	1.953	ng		98
38) Dibenzo(a,h)anthracene	26.48	278	40693	0.338	ng	#	84
39) Benzo(g,h,i)perylene	27.27	276	166242	1.373	ng		99

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

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Acq On : 18 Oct 2019 16:49
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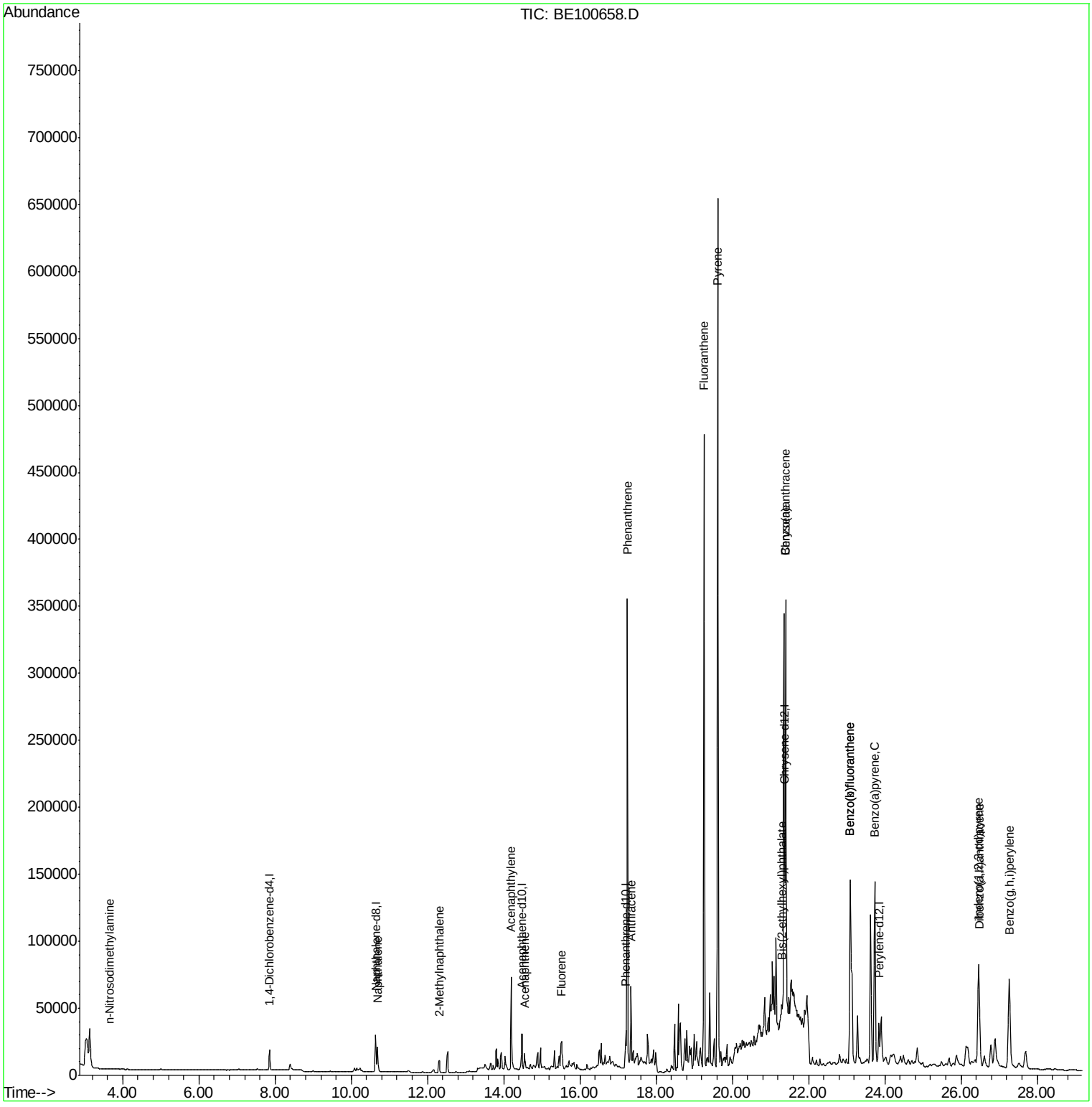
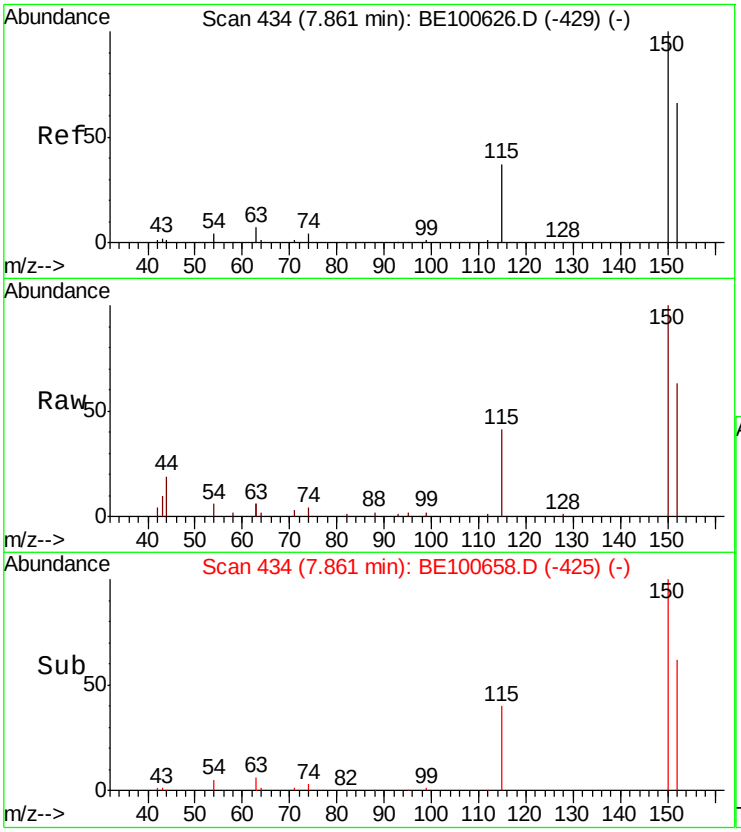


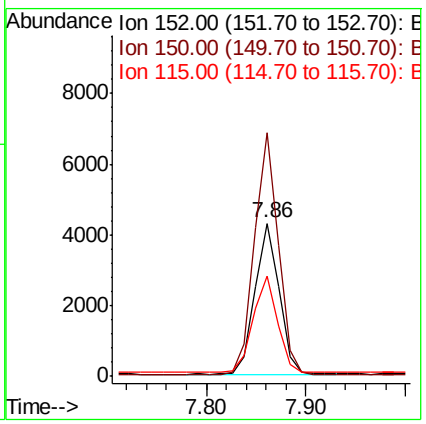


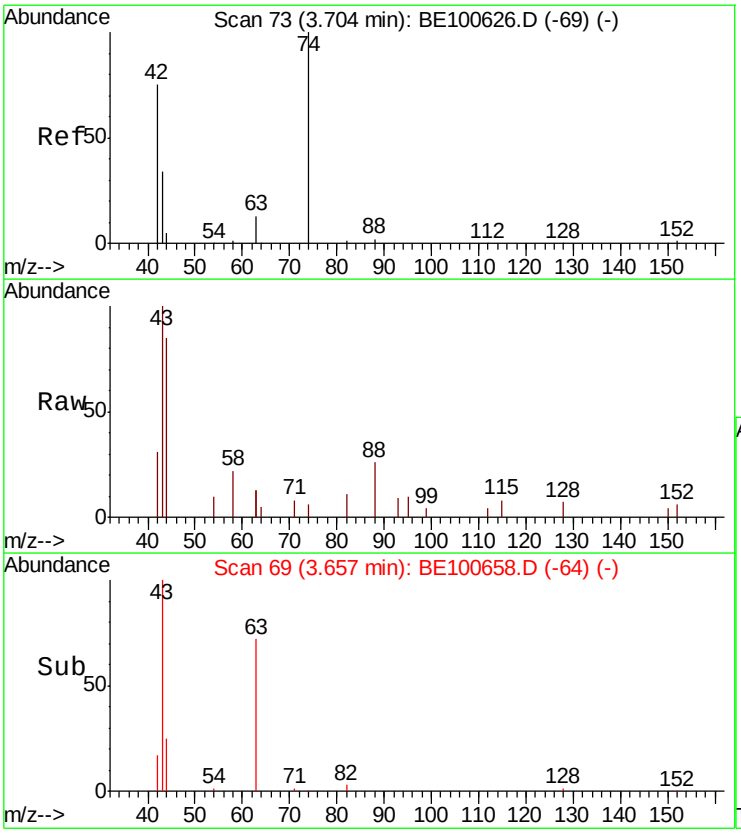
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 7148

Ion	Ratio	Lower	Upper
152	100		
150	158.9	120.7	181.1
115	65.8	48.0	72.0

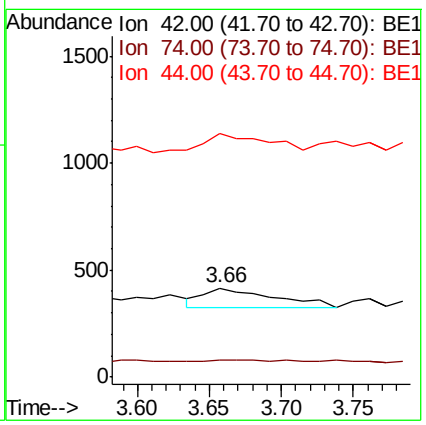


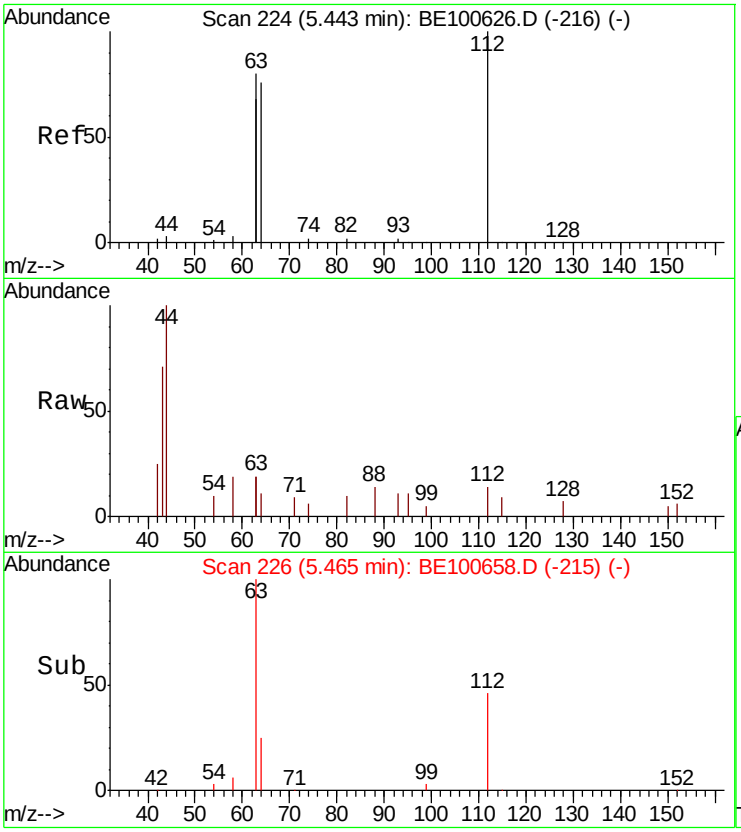


#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.05 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Tgt Ion: 42 Resp: 291

Ion	Ratio	Lower	Upper
42	100		
74	4.1	91.7	137.5#
44	78.7	8.2	12.2#



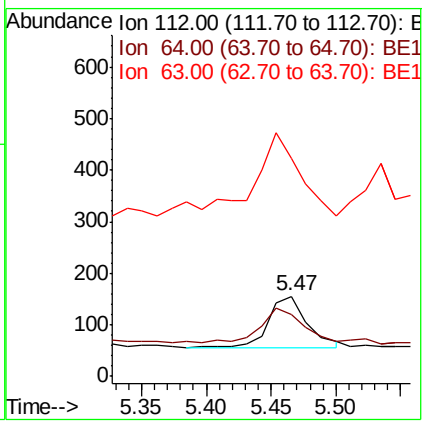


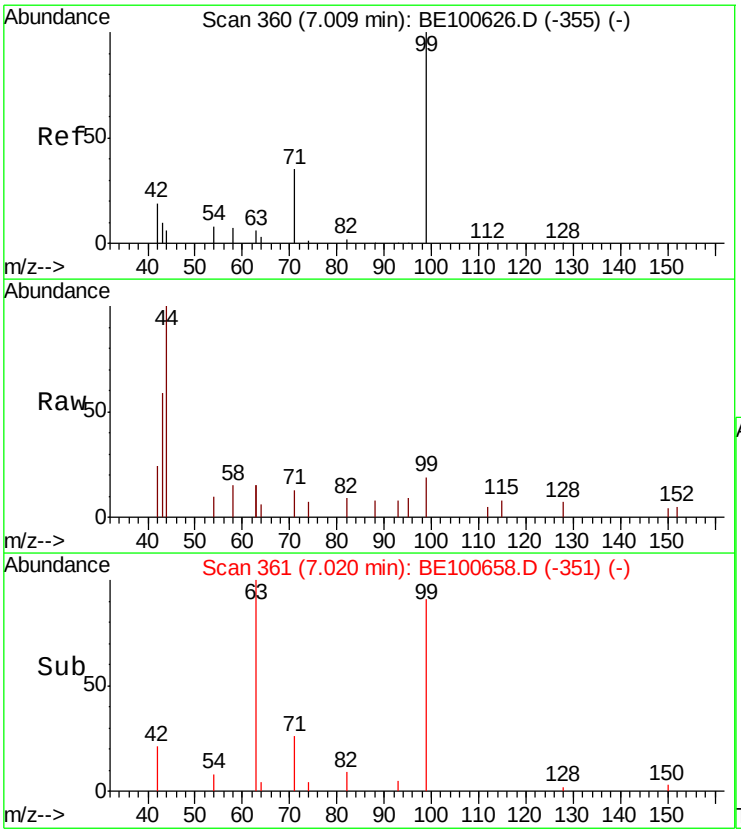
#4
2-Fluorophenol
Concen: 0.009 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.02 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 209

Ion	Ratio	Lower	Upper
112	100		
64	69.9	58.9	88.3
63	202.4	118.3	177.5#

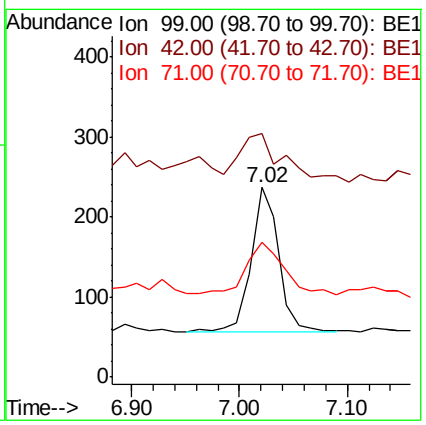


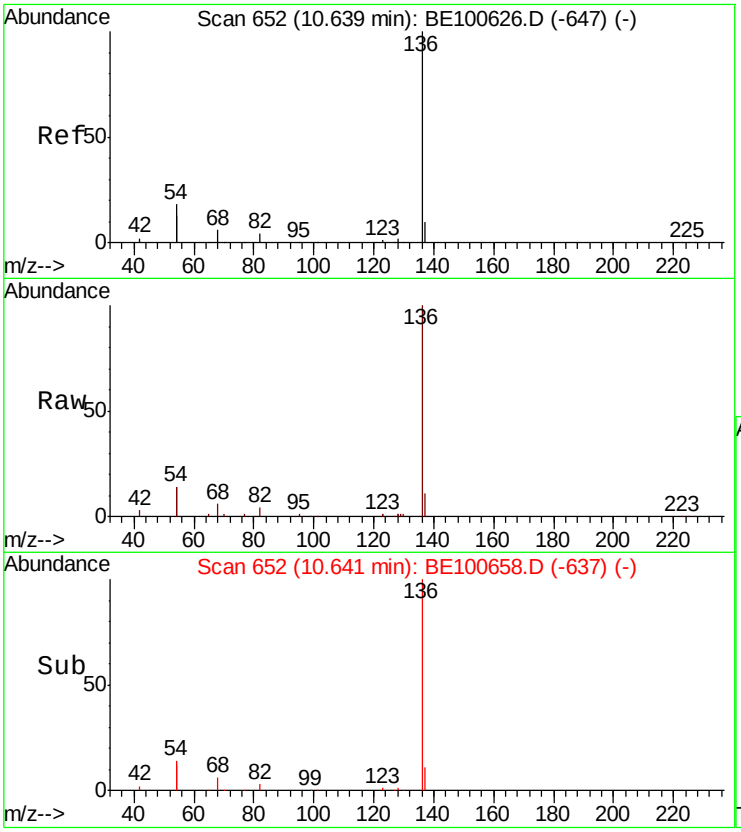


#5
Phenol-d6
Concen: 0.011 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.01 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Tgt Ion: 99 Resp: 330

Ion	Ratio	Lower	Upper
99	100		
42	50.3	19.4	29.2#
71	47.9	26.9	40.3#



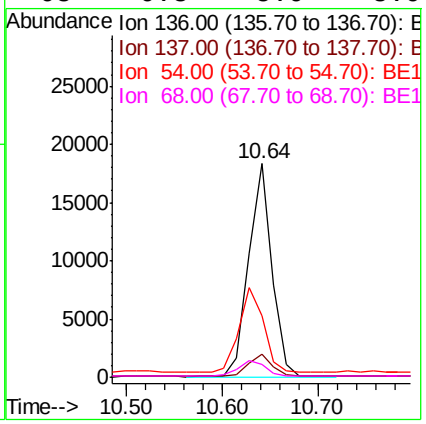


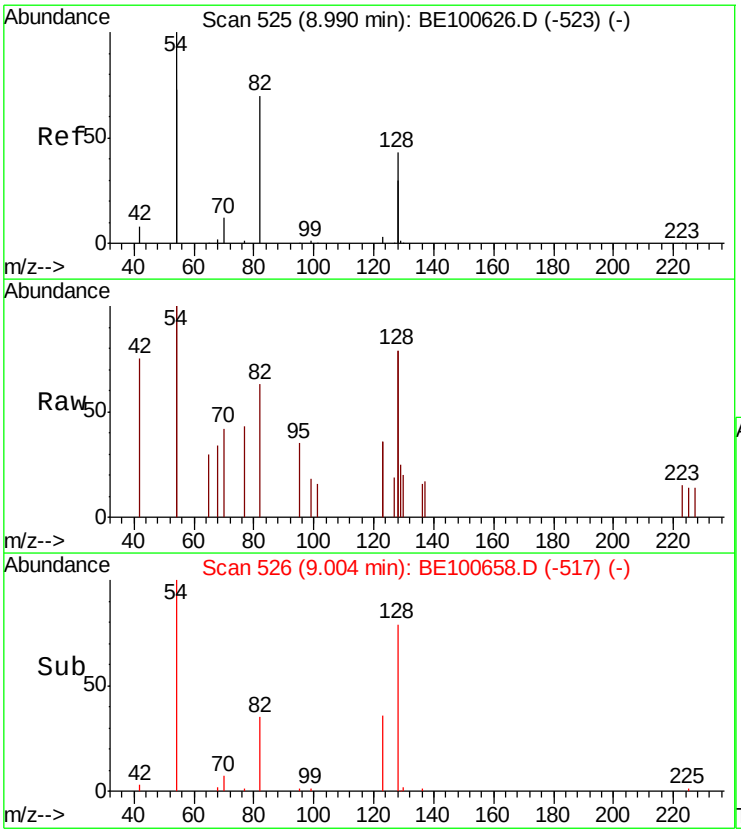
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 30780

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	28.7	28.7	43.1#
68	6.3	5.9	8.9

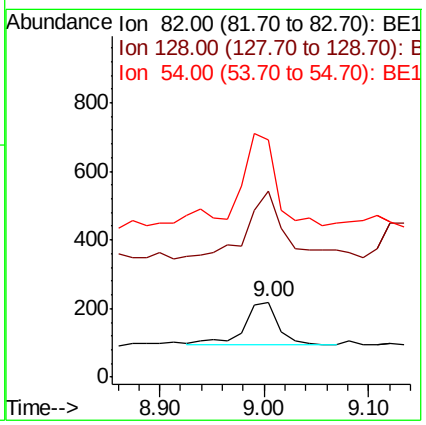


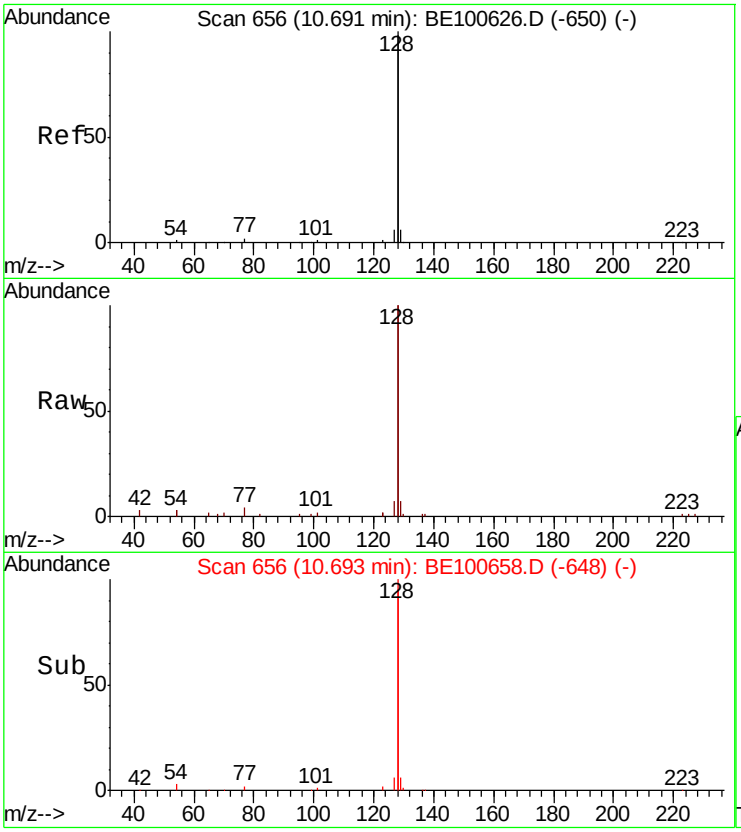


#8
Nitrobenzene-d5
Concen: 0.015 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.01 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Tgt Ion: 82 Resp: 291

Ion	Ratio	Lower	Upper
82	100		
128	249.5	90.7	136.1#
54	316.5	210.9	316.3#



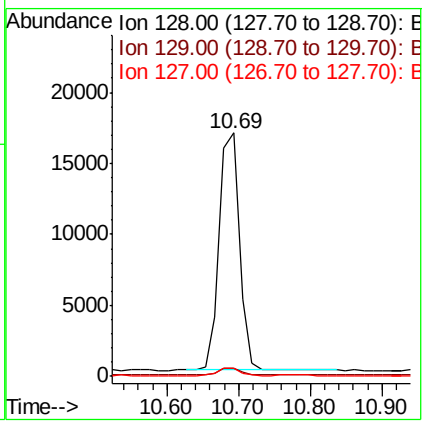


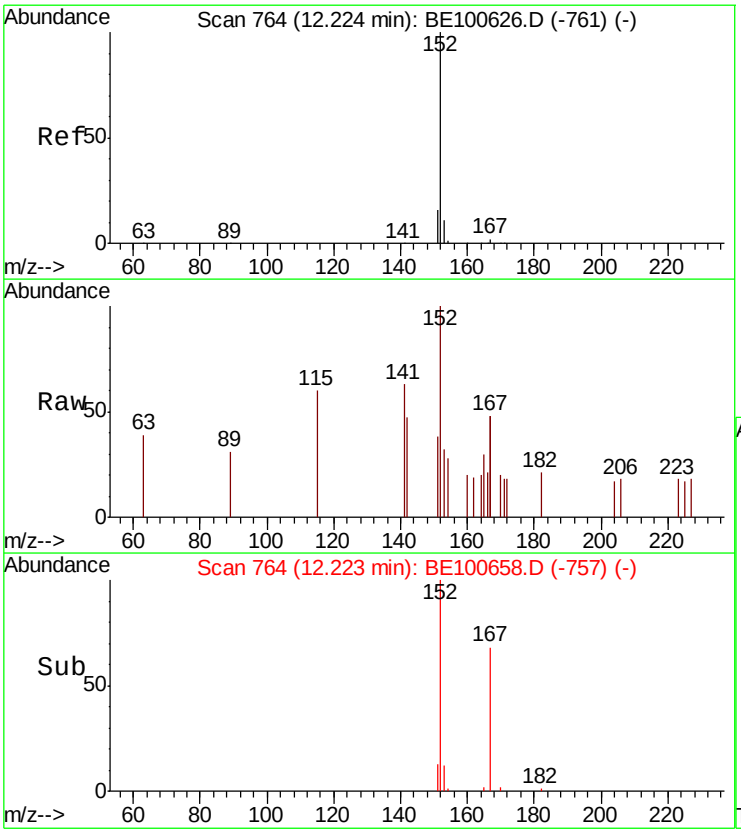
#9
Naphthalene
Concen: 0.101 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 32807

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.4	3.6
127	3.5	2.6	3.8

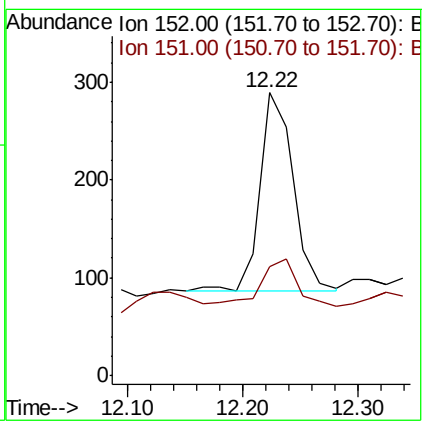


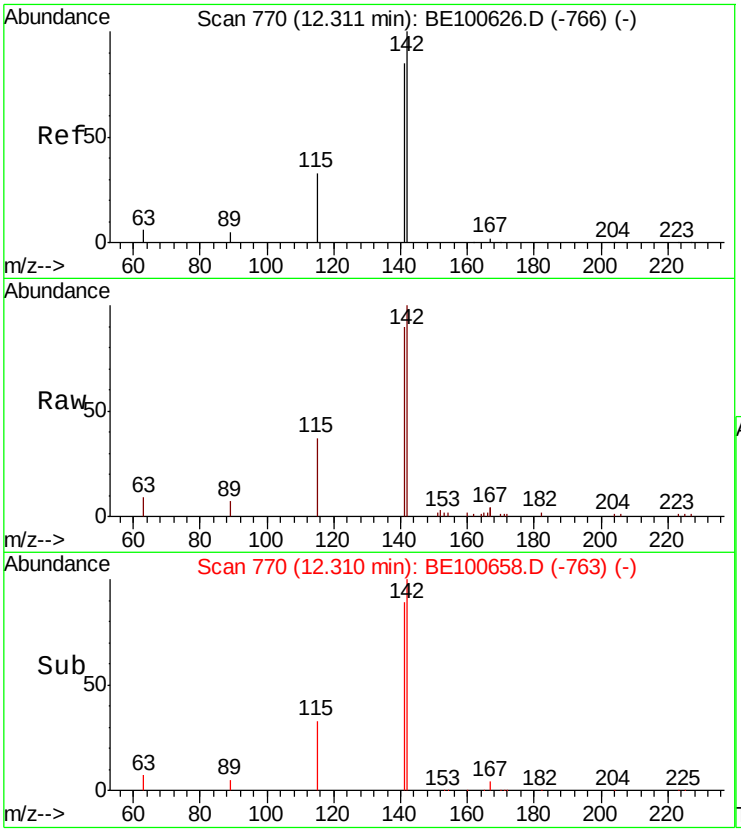


#11
2-Methylnaphthalene-d10
Concen: 0.008 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Tgt Ion:152 Resp: 408

Ion	Ratio	Lower	Upper
152	100		
151	25.0	15.2	22.8#



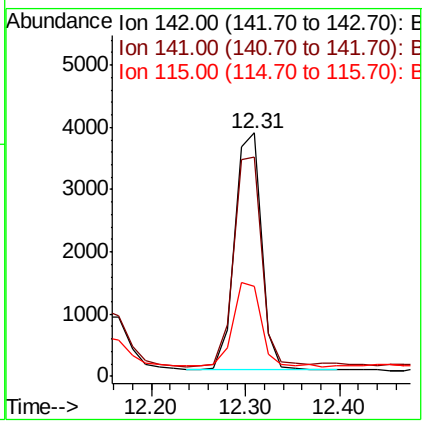


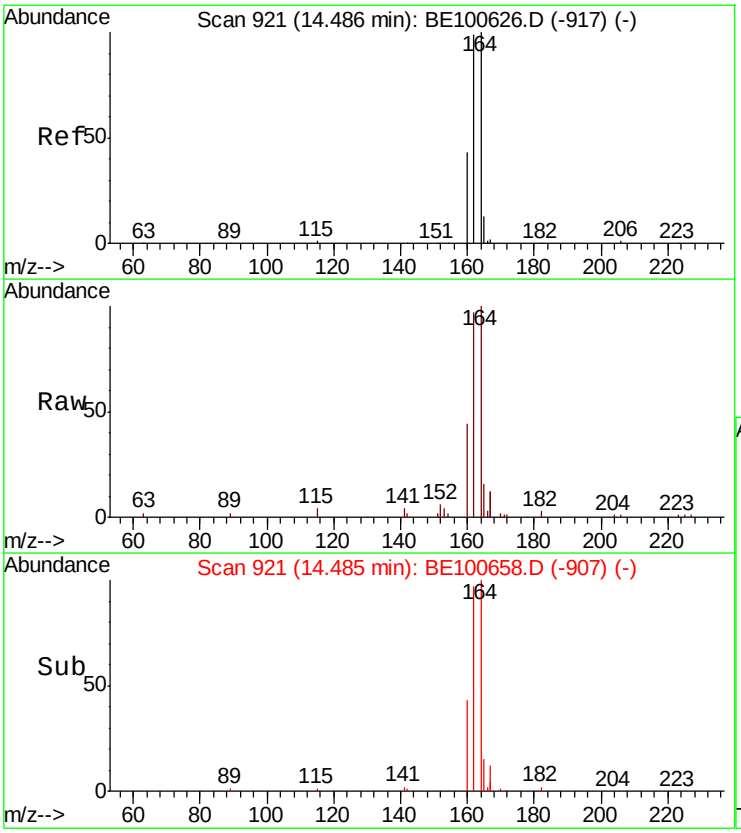
#12
2-Methylnaphthalene
Concen: 0.137 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 7571

Ion	Ratio	Lower	Upper
142	100		
141	90.0	68.3	102.5
115	36.8	27.5	41.3

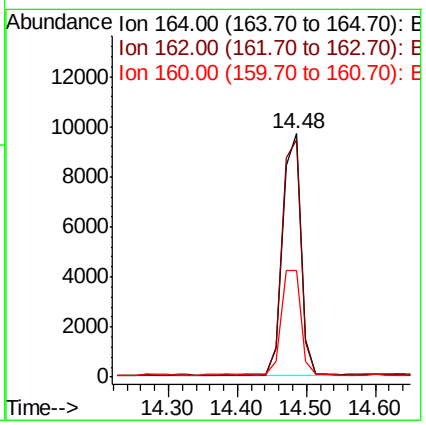


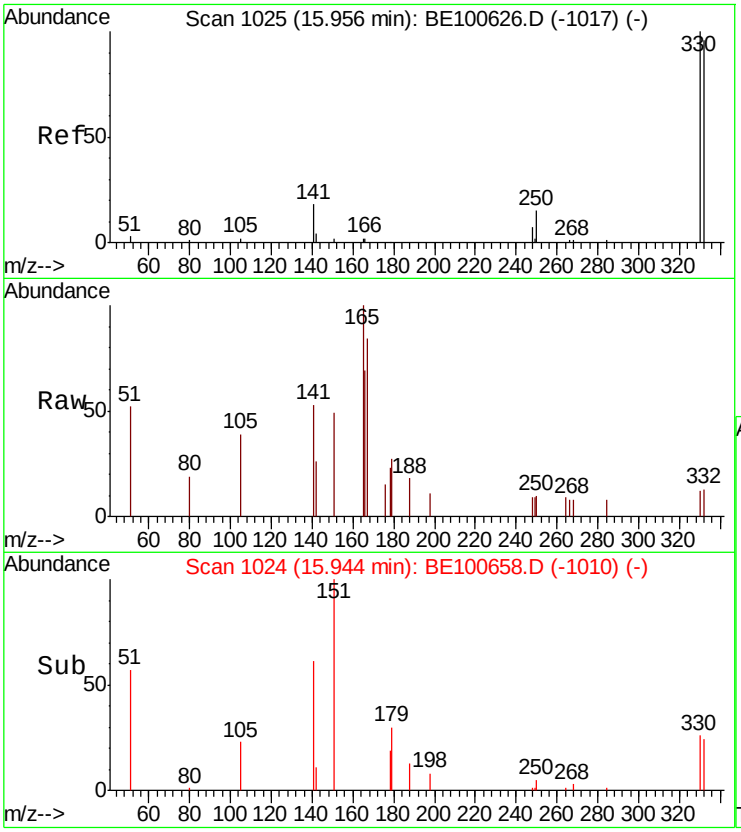


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Tgt Ion:164 Resp: 17846

Ion	Ratio	Lower	Upper
164	100		
162	97.2	79.1	118.7
160	43.6	34.7	52.1



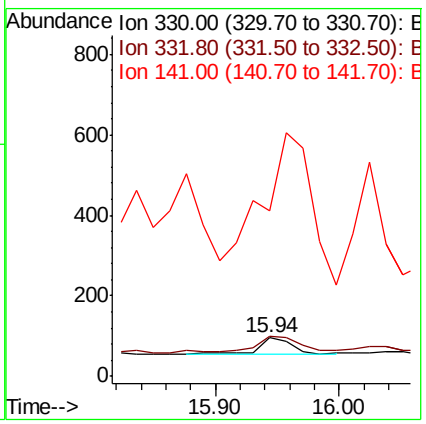


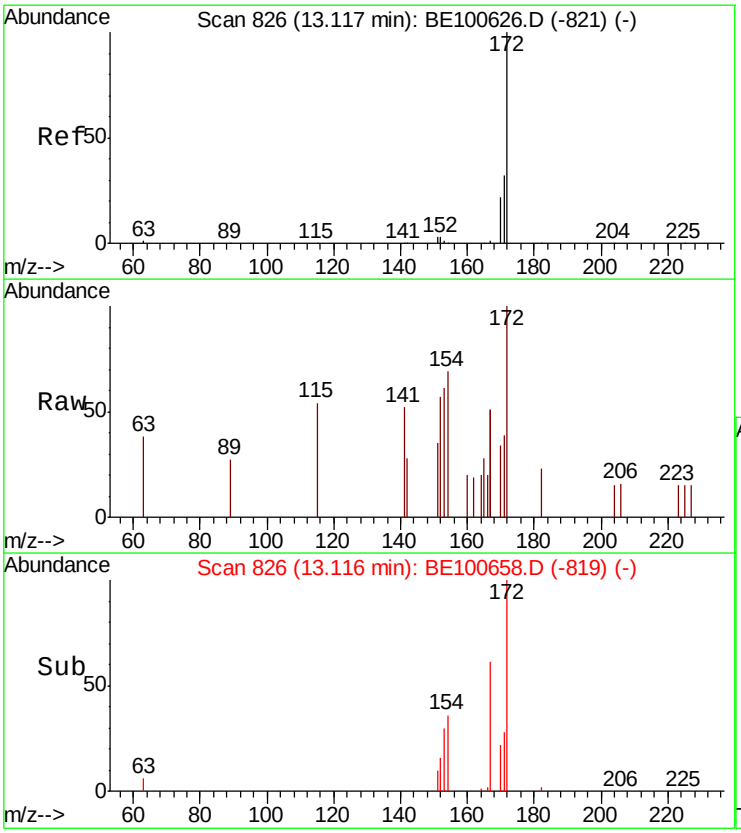
#14
2,4,6-Tribromophenol
Concen: 0.018 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 84

Ion	Ratio	Lower	Upper
330	100		
332	109.5	75.2	112.8
141	1261.9	37.5	56.3#

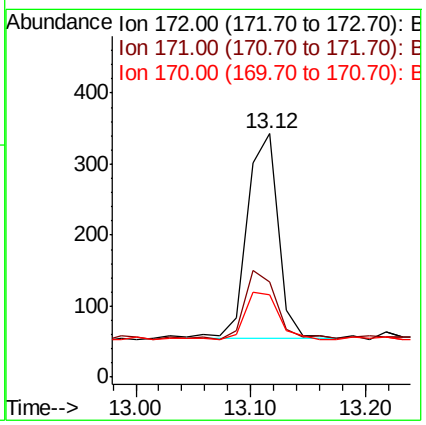


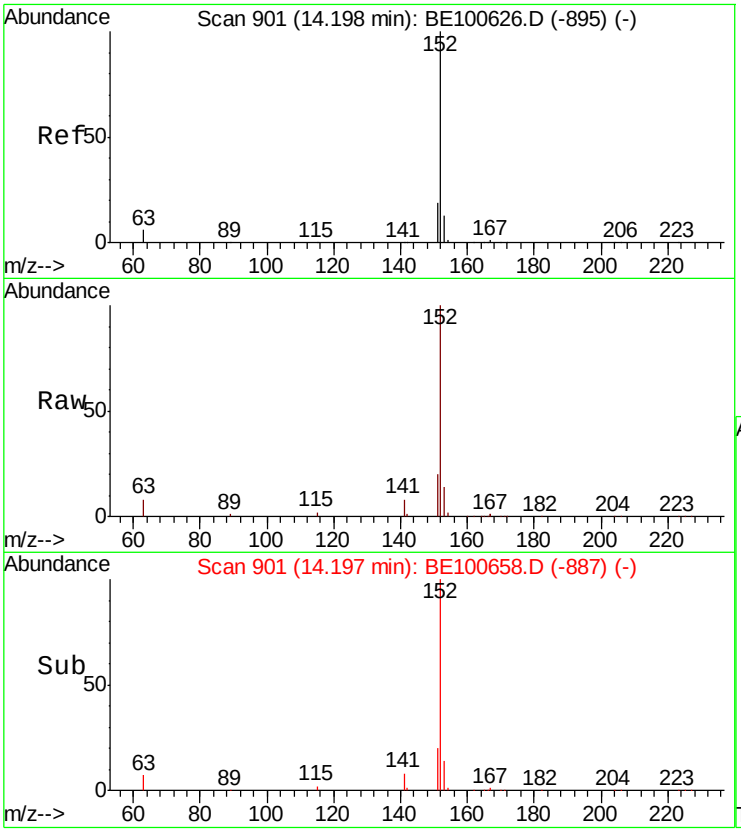


#15
2-Fluorobiphenyl
Concen: 0.008 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Tgt Ion:172 Resp: 536

Ion	Ratio	Lower	Upper
172	100		
171	39.1	26.2	39.4
170	34.1	17.5	26.3#



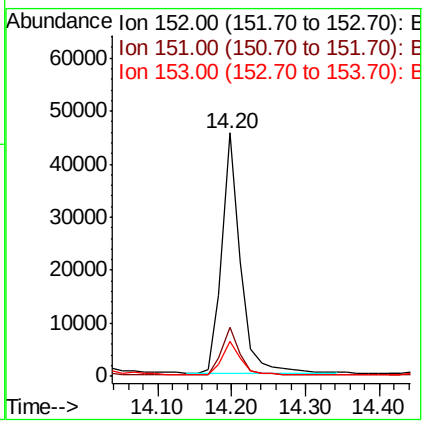


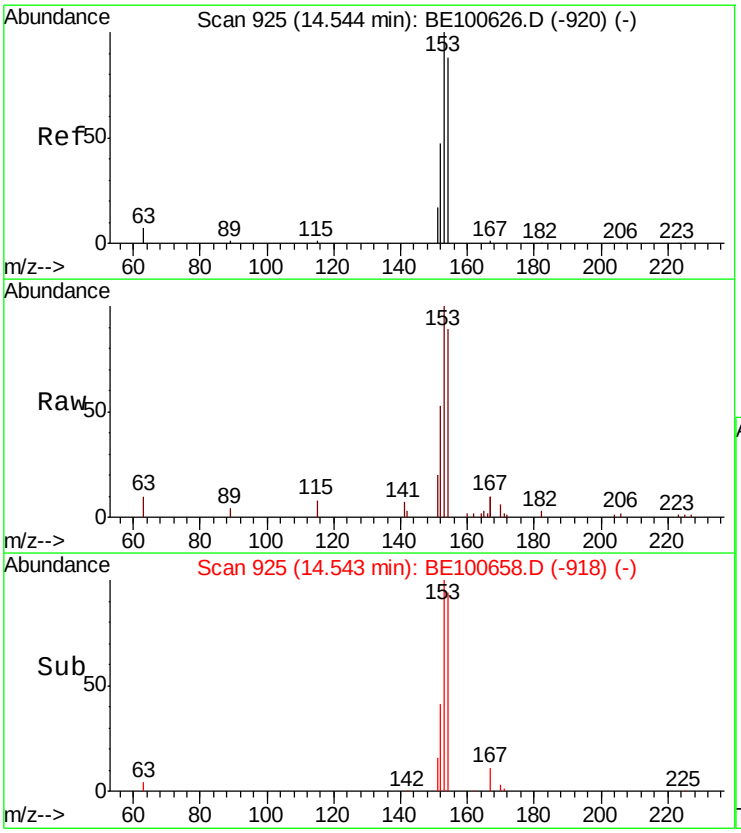
#16
Acenaphthylene
Concen: 1.025 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 78685

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.9	10.5	15.7

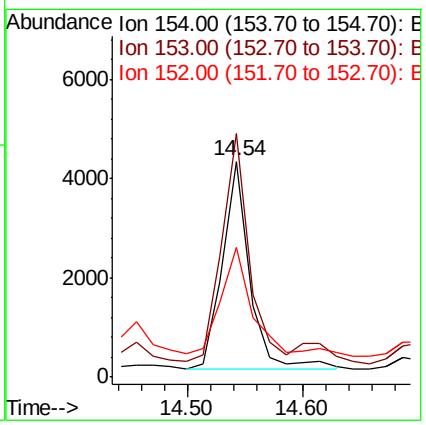


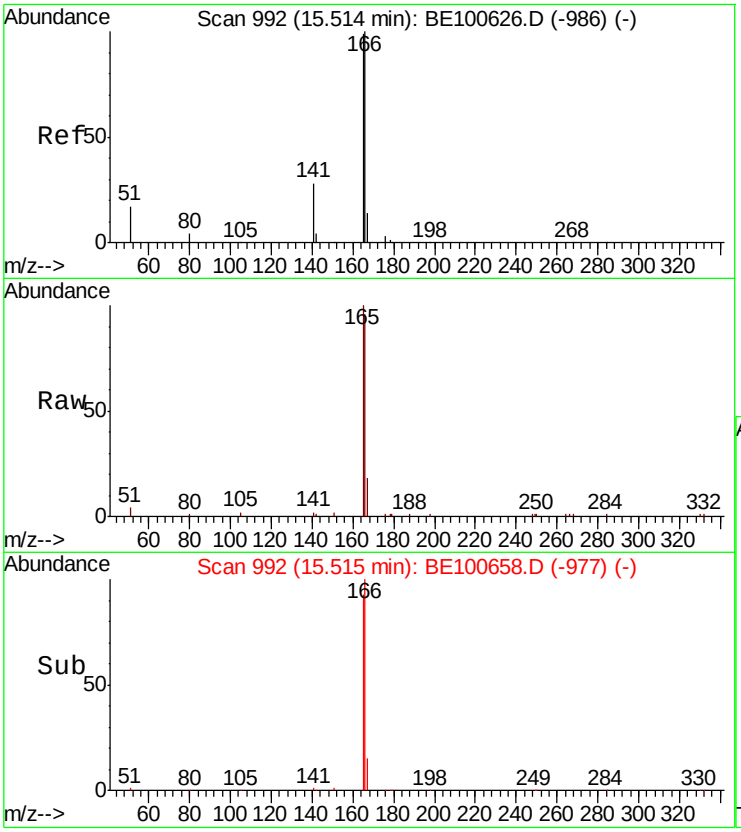


#17
Acenaphthene
Concen: 0.137 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Tgt Ion:154 Resp: 6792

Ion	Ratio	Lower	Upper
154	100		
153	111.2	91.4	137.2
152	57.9	44.0	66.0



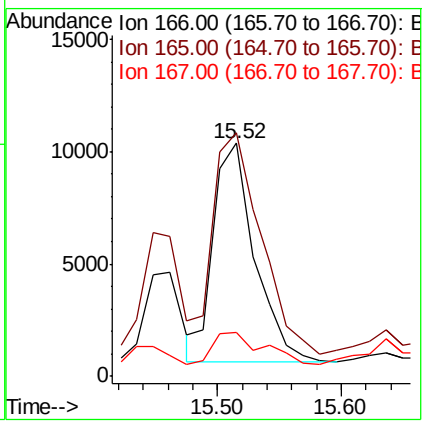


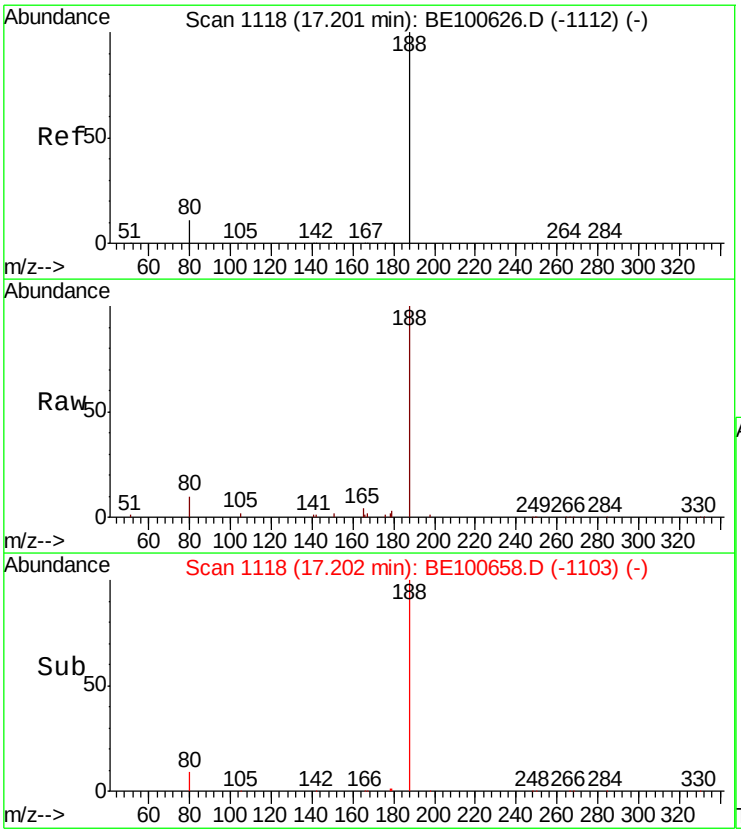
#18
Fluorene
Concen: 0.340 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 22424

Ion	Ratio	Lower	Upper
166	100		
165	117.6	78.9	118.3
167	17.7	10.9	16.3#

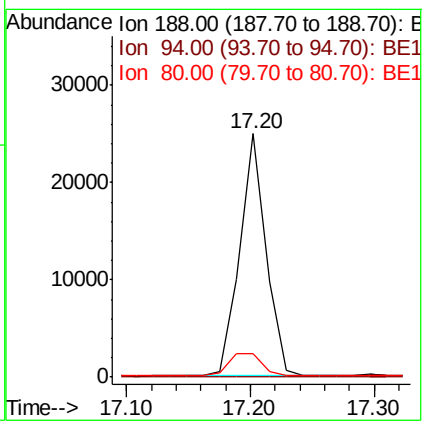


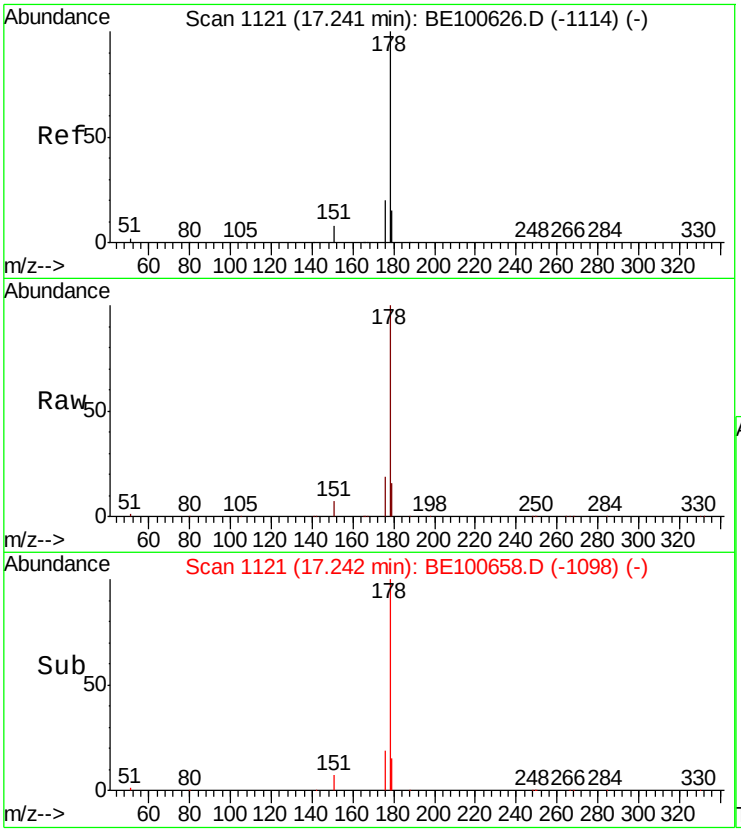


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Tgt Ion:188 Resp: 36719

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	9.4	14.2



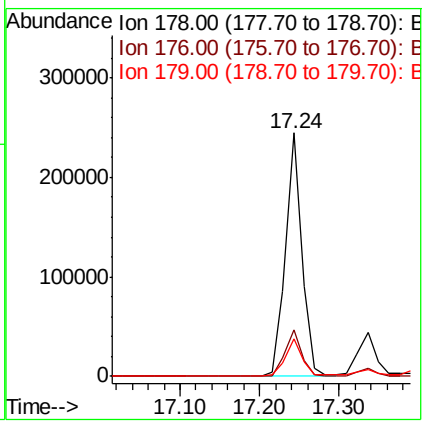


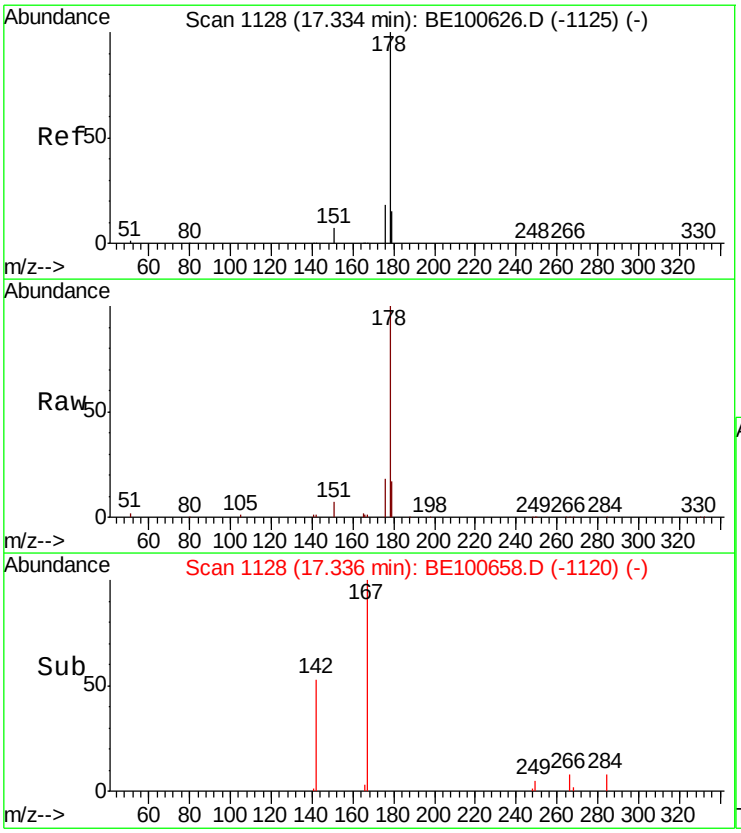
#23
Phenanthrene
Concen: 3.452 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 348630

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.7	12.4	18.6

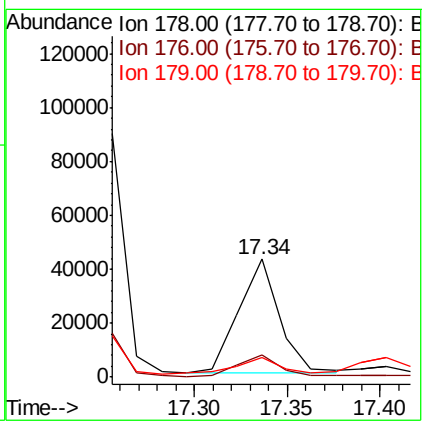


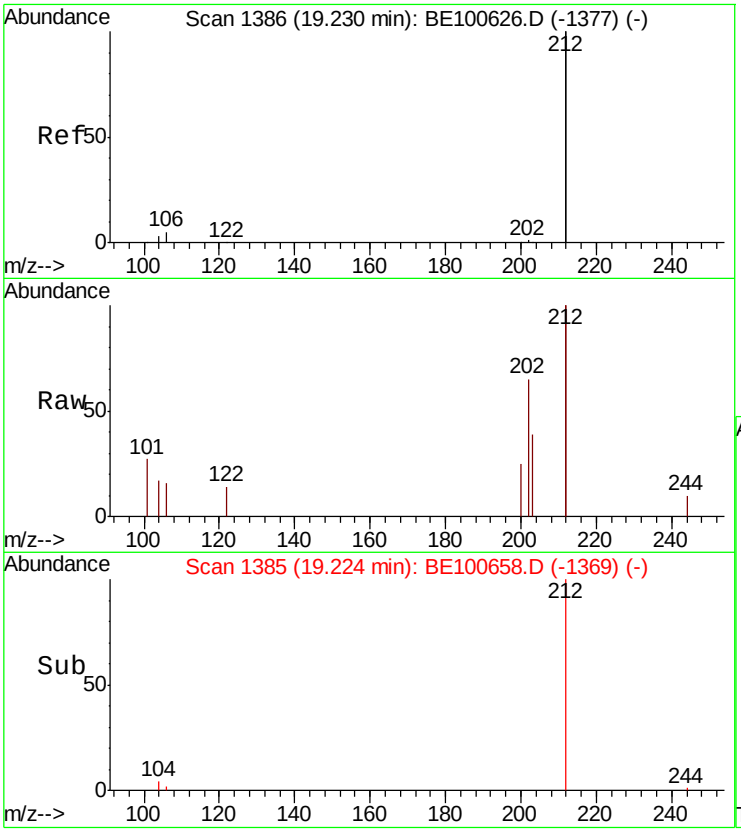


#24
Anthracene
Concen: 0.685 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Tgt Ion:178 Resp: 64221

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	16.0	12.4	18.6



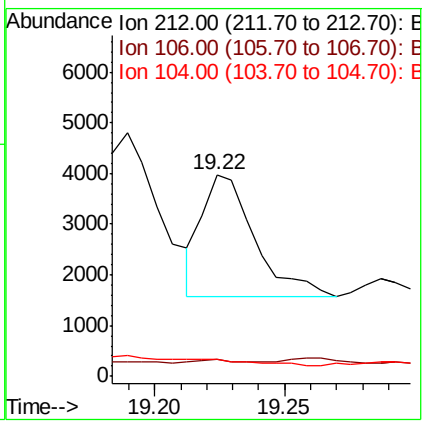


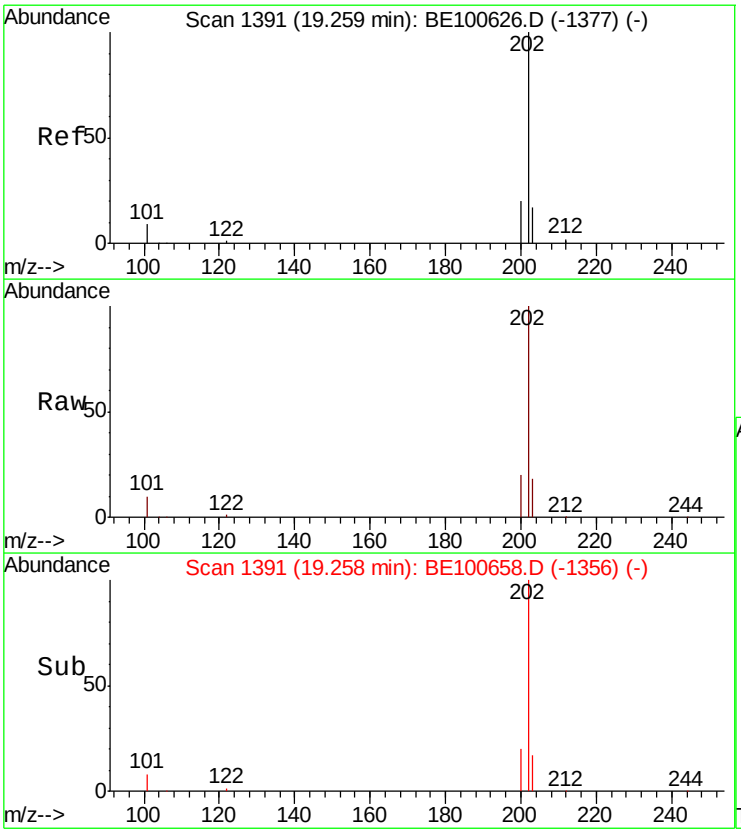
#25
Fluoranthene-d10
Concen: 0.007 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:212 Resp: 3342

Ion	Ratio	Lower	Upper
212	100		
106	1.6	2.2	3.4#
104	0.0	1.3	1.9#

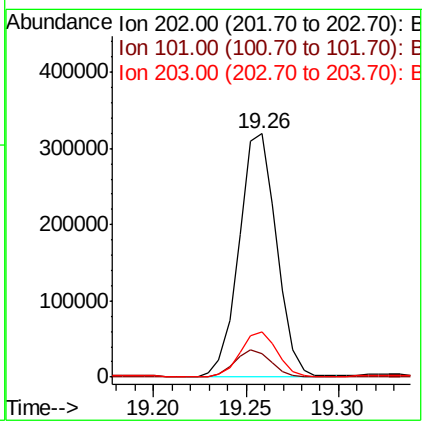


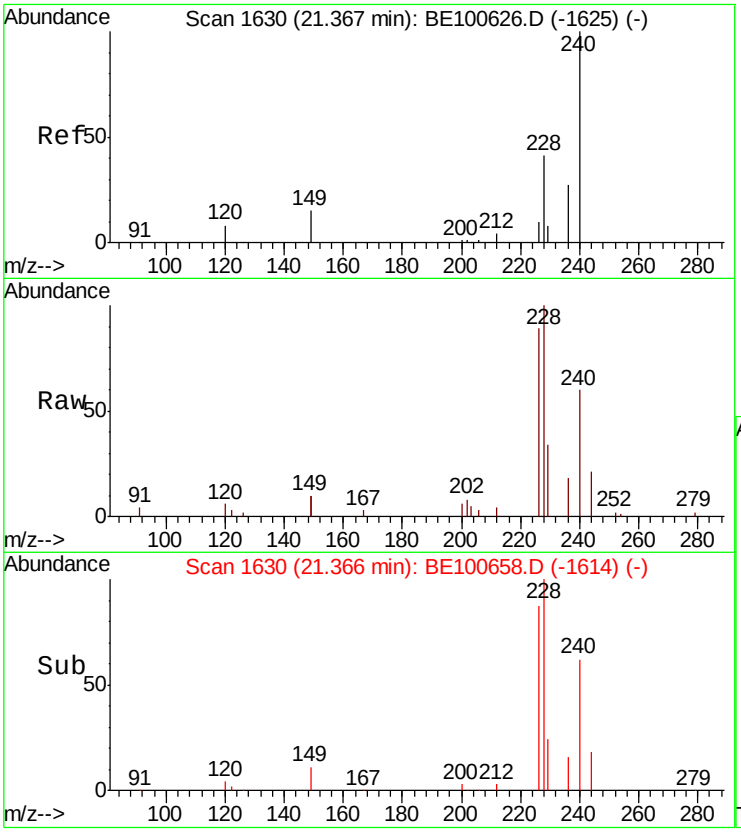


#26
Fluoranthene
Concen: 3.397 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Tgt Ion:202 Resp: 447783

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.4	12.6
203	18.0	13.8	20.6



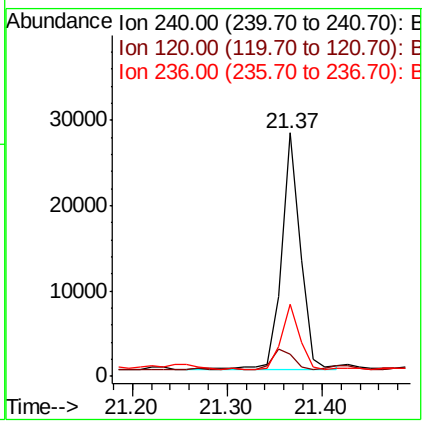


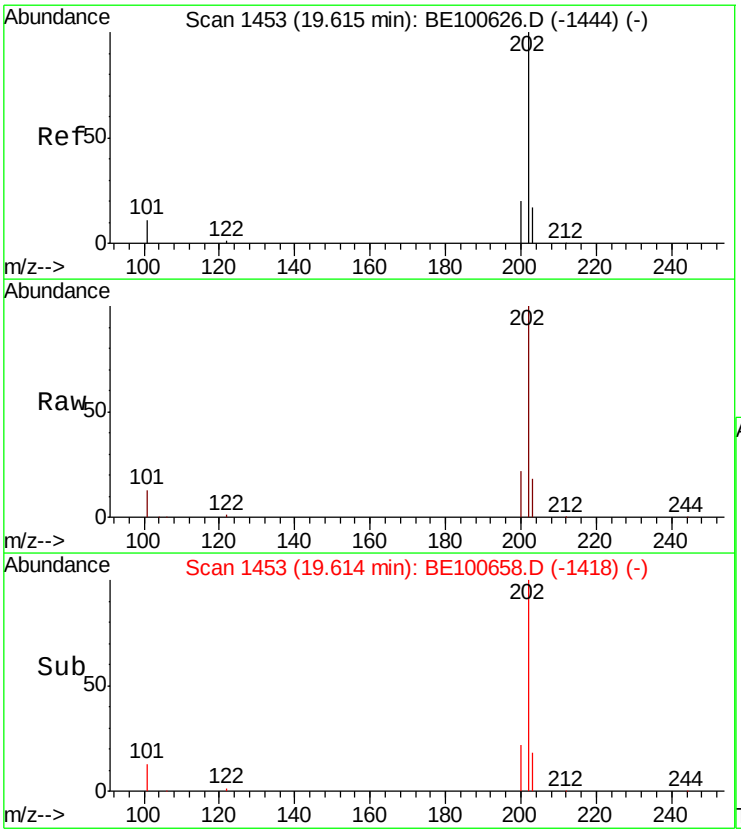
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 37475

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.4	11.0
236	29.6	21.7	32.5

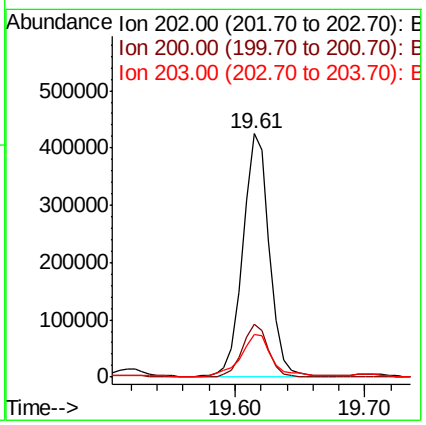


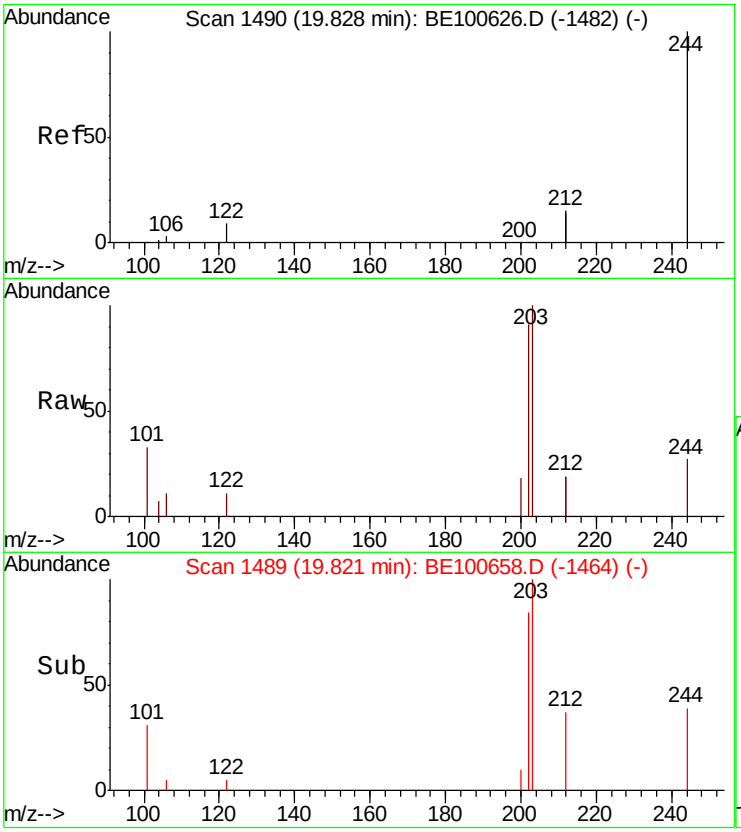


#28
Pyrene
Concen: 5.702 ng
RT: 19.61 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Tgt Ion:202 Resp: 596973

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	20.7	13.9	20.9



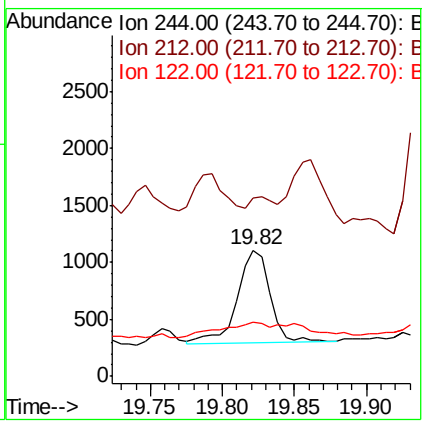


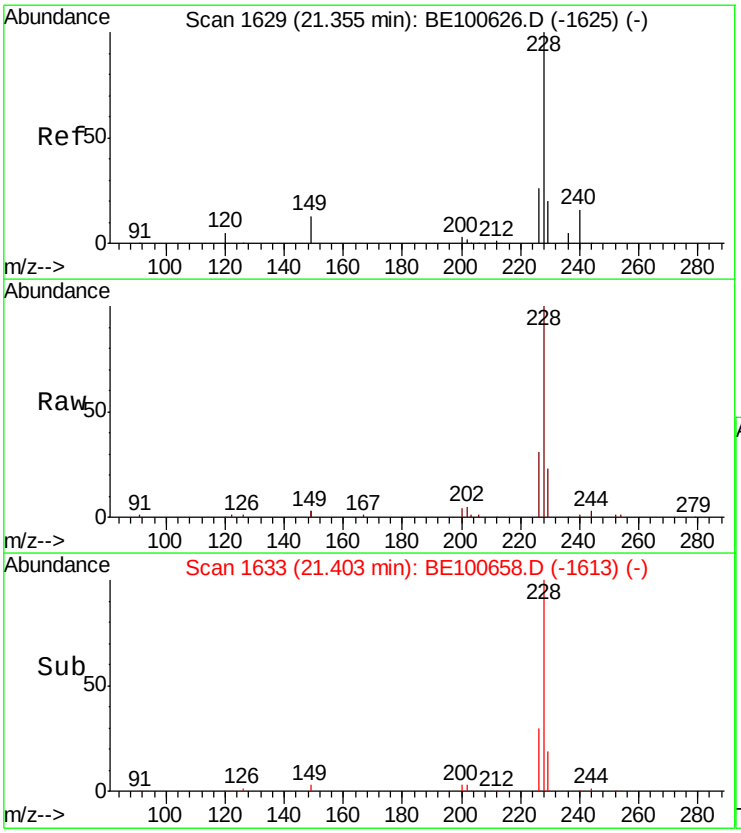
#29
Terphenyl-d14
Concen: 0.016 ng
RT: 19.82 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1296

Ion	Ratio	Lower	Upper
244	100		
212	141.3	23.9	35.9#
122	42.6	7.7	11.5#

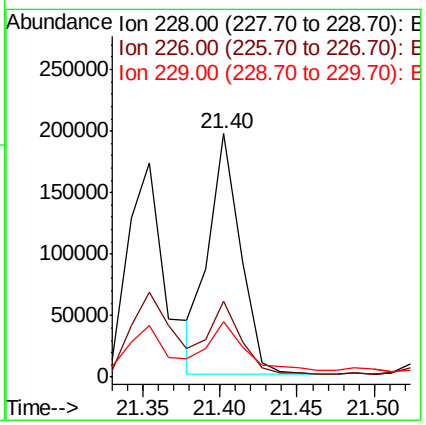


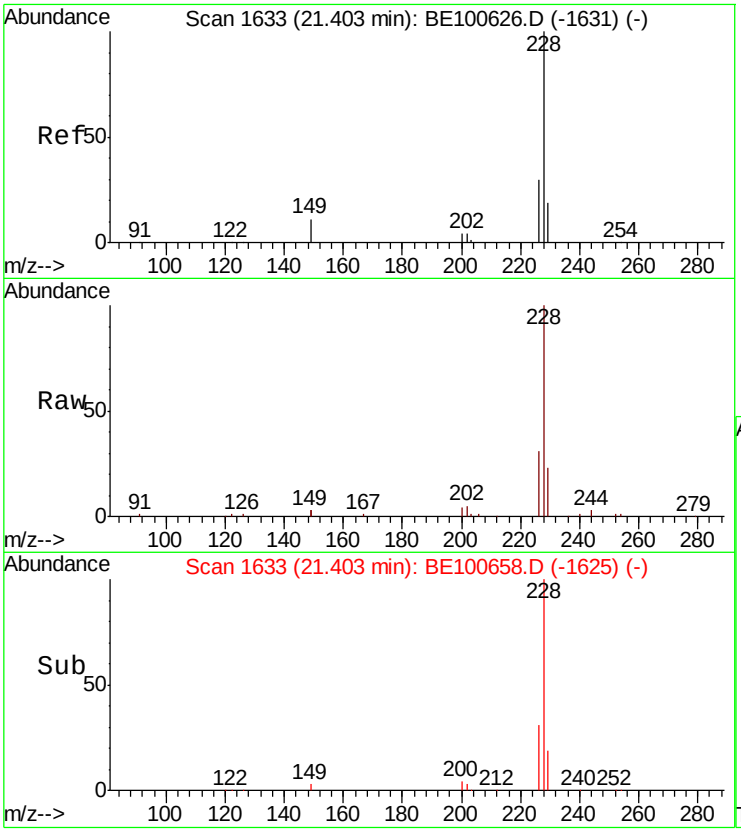


#30
Benzo(a)anthracene
Concen: 2.283 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.05 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Tgt Ion:228 Resp: 279042

Ion	Ratio	Lower	Upper
228	100		
226	31.4	21.0	31.6
229	22.6	15.8	23.8



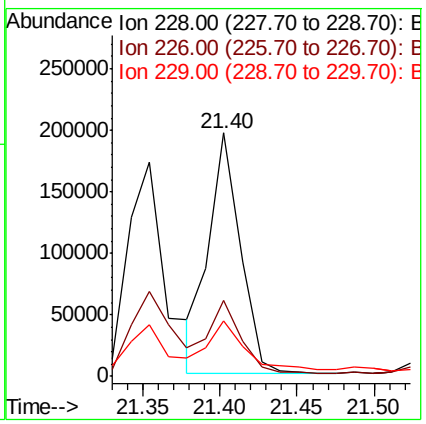


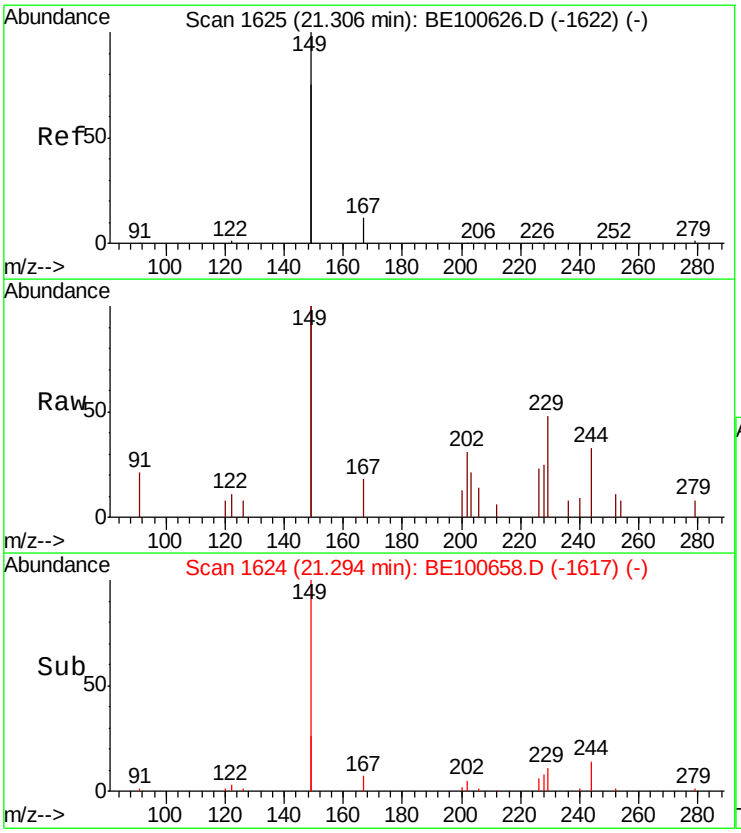
#31
Chrysene
Concen: 2.271 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 277445

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	22.6	15.6	23.4

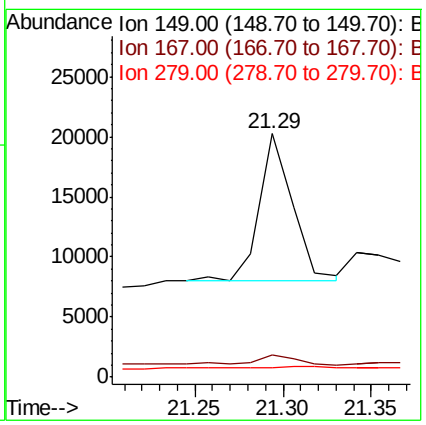


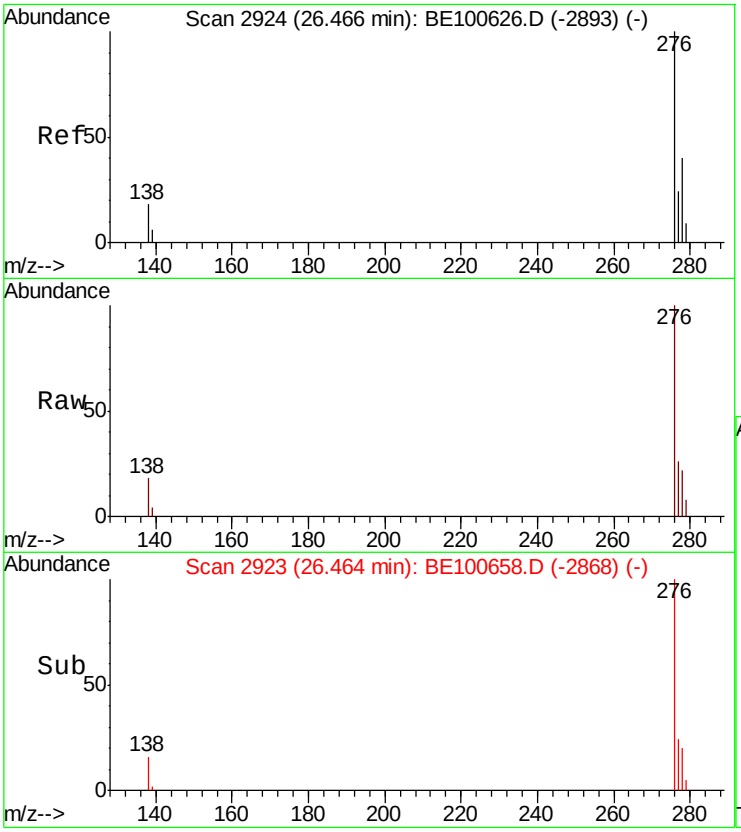


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.062 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Tgt Ion:149 Resp: 15937

Ion	Ratio	Lower	Upper
149	100		
167	8.1	5.4	8.2
279	1.9	1.5	2.3



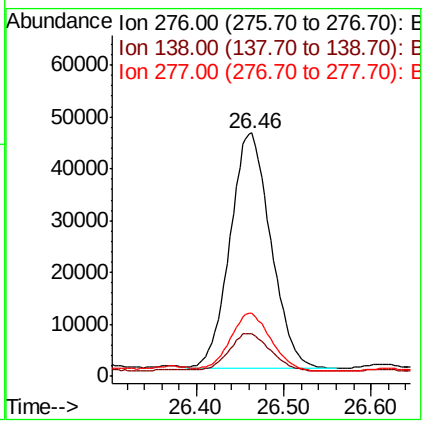


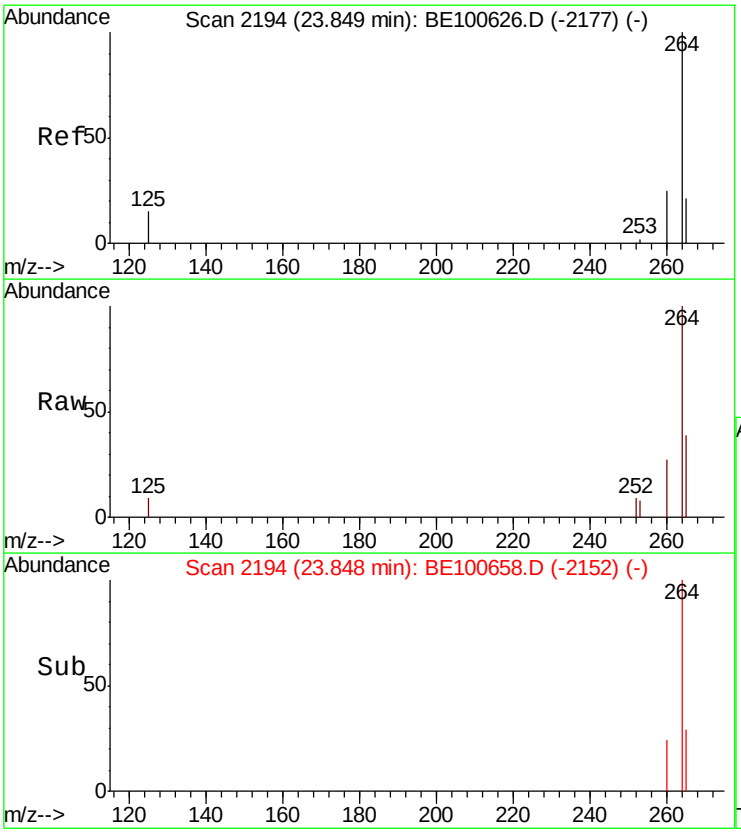
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.982 ng
RT: 26.46 min Scan# 2923
Delta R.T. -0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 147397

Ion	Ratio	Lower	Upper
276	100		
138	16.7	16.0	24.0
277	25.0	19.7	29.5

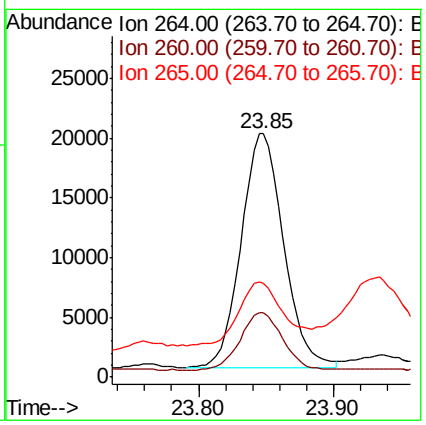


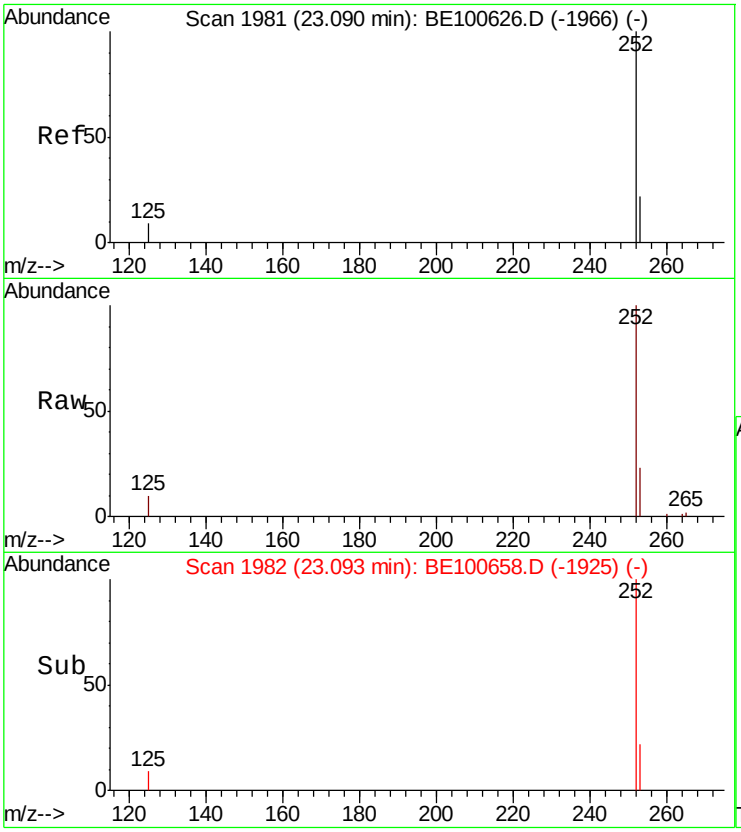


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Tgt Ion:264 Resp: 42898

Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.9	29.9
265	38.8	20.0	30.0#



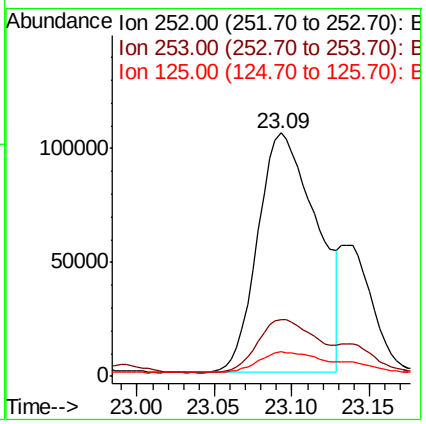


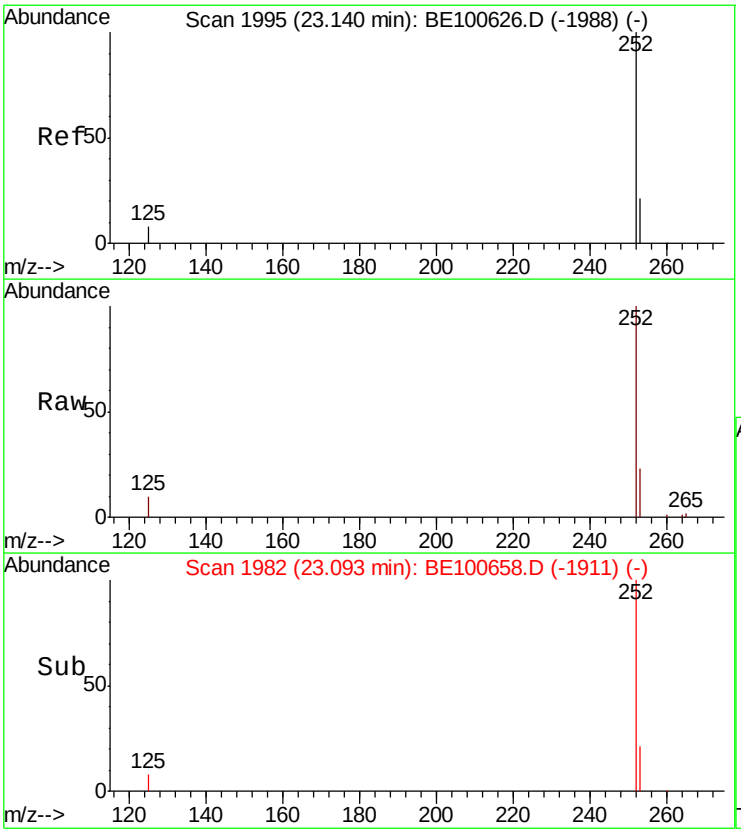
#35
Benzo(b)fluoranthene
Concen: 2.226 ng
RT: 23.09 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 278502

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	10.0	7.6	11.4

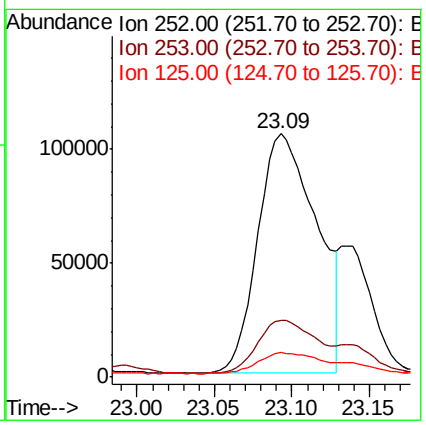


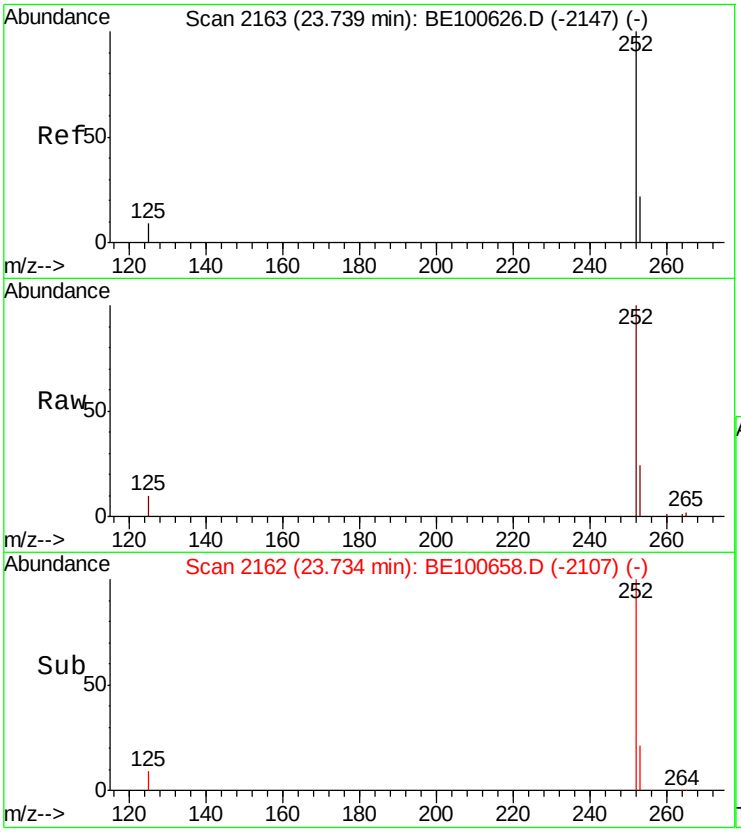


#36
Benzo(k)fluoranthene
Concen: 2.165 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.05 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Tgt Ion:252 Resp: 278502

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	10.0	7.6	11.4



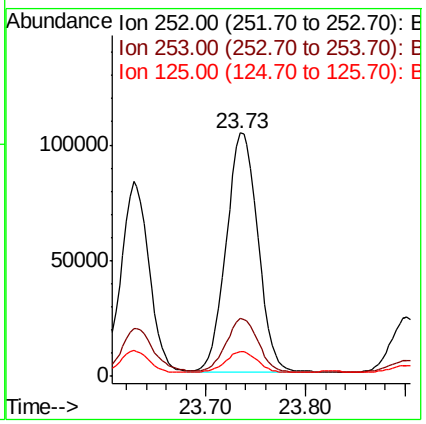


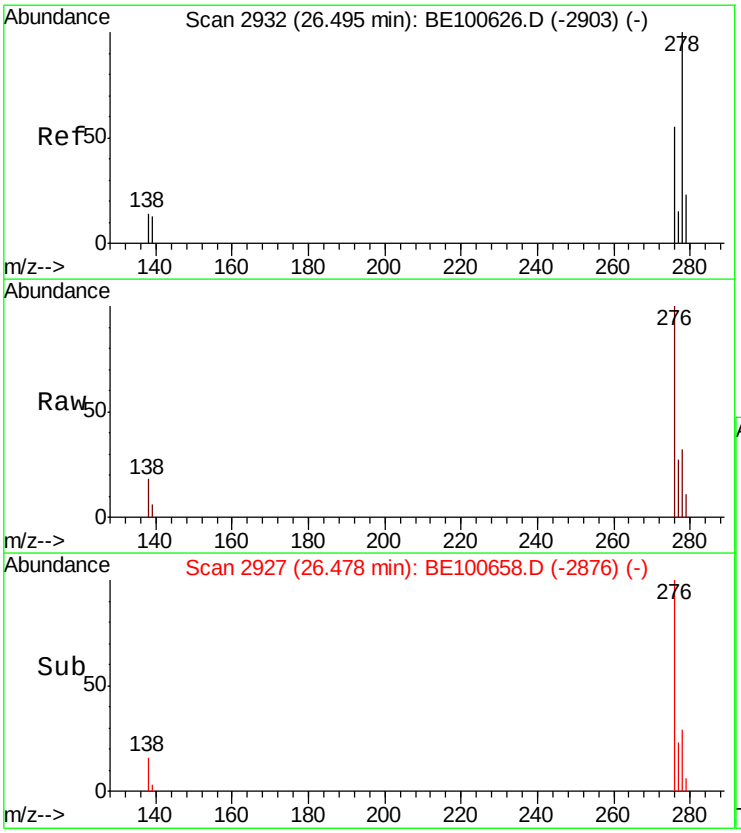
#37
Benzo(a)pyrene
Concen: 1.953 ng
RT: 23.73 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 227354

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	10.1	8.1	12.1

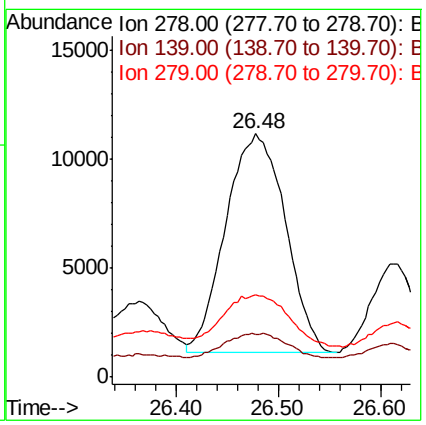


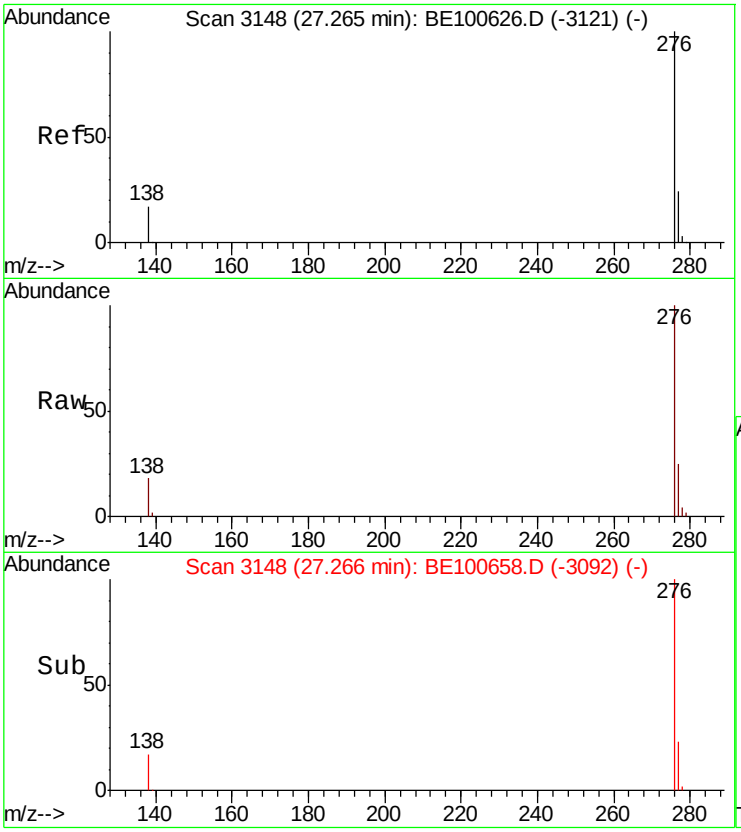


#38
Dibenzo(a,h)anthracene
Concen: 0.338 ng
RT: 26.48 min Scan# 2927
Delta R.T. -0.02 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Tgt Ion:278 Resp: 40693

Ion	Ratio	Lower	Upper
278	100		
139	17.4	11.2	16.8#
279	33.8	19.0	28.6#





#39
Benzo(g,h,i)perylene
Concen: 1.373 ng
RT: 27.27 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BE100658.D
Acq: 18 Oct 2019 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 166242

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.3	28.9
138	18.0	14.5	21.7