Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070819\
Data File : BE100411.D
Acq On : 8 Jul 2019 14:24
Operator : JU/SJ
Sample : K3561-04DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 08 15:25:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 08 15:19:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	334	0.40	ng		0.00
7) Naphthalene-d8	10.42	136	1350	0.40	ng		0.00
13) Acenaphthene-d10	14.30	164	1134	0.40	ng		0.00
19) Phenanthrene-d10	17.04	188	4138	0.40	ng		0.00
27) Chrysene-d12	21.22	240	5994	0.40	ng		-0.01
34) Perylene-d12	23.63	264	7267	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	37	0.04	ng		0.00
5) Phenol-d6	6.85	99	22	0.02	ng		0.00
8) Nitrobenzene-d5	8.85	82	34	0.03	ng		0.04
11) 2-Methylnaphthalene-d10	12.04	152	99	0.04	ng		0.00
14) 2,4,6-Tribromophenol	15.80	330	42	0.05	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	190	0.04	ng		0.00
25) Fluoranthene-d10	19.07	212	1886	0.03	ng		-0.01
29) Terphenyl-d14	19.67	244	436	0.04	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.48	42	13	0.054	ng	#	21
9) Naphthalene	10.47	128	650	0.044	ng	#	75
12) 2-Methylnaphthalene	12.11	142	144	0.055	ng	#	86
16) Acenaphthylene	14.01	152	1499	0.275	ng		98
17) Acenaphthene	14.36	154	186	0.060	ng		94
18) Fluorene	15.34	166	824	0.181	ng		84
23) Phenanthrene	17.08	178	19703	1.965	ng		100
24) Anthracene	17.17	178	1417	0.157	ng	#	91
26) Fluoranthene	19.10	202	37520	2.349	ng		98
28) Pyrene	19.47	202	48207	3.038	ng		96
30) Benzo(a)anthracene	21.21	228	24791	1.258	ng		93
31) Chrysene	21.26	228	31238	1.578	ng		99
32) Bis(2-ethylhexyl)phthalate	21.12	149	27545	0.931	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.17	276	16329	0.624	ng		97
35) Benzo(b)fluoranthene	22.89	252	30752	1.561	ng	#	96
36) Benzo(k)fluoranthene	22.89	252	30752	1.398	ng		98
37) Benzo(a)pyrene	23.52	252	23475	1.189	ng	#	94
38) Dibenzo(a,h)anthracene	26.17	278	4198	0.204	ng	#	87
39) Benzo(g,h,i)perylene	26.95	276	18770	0.886	ng		98

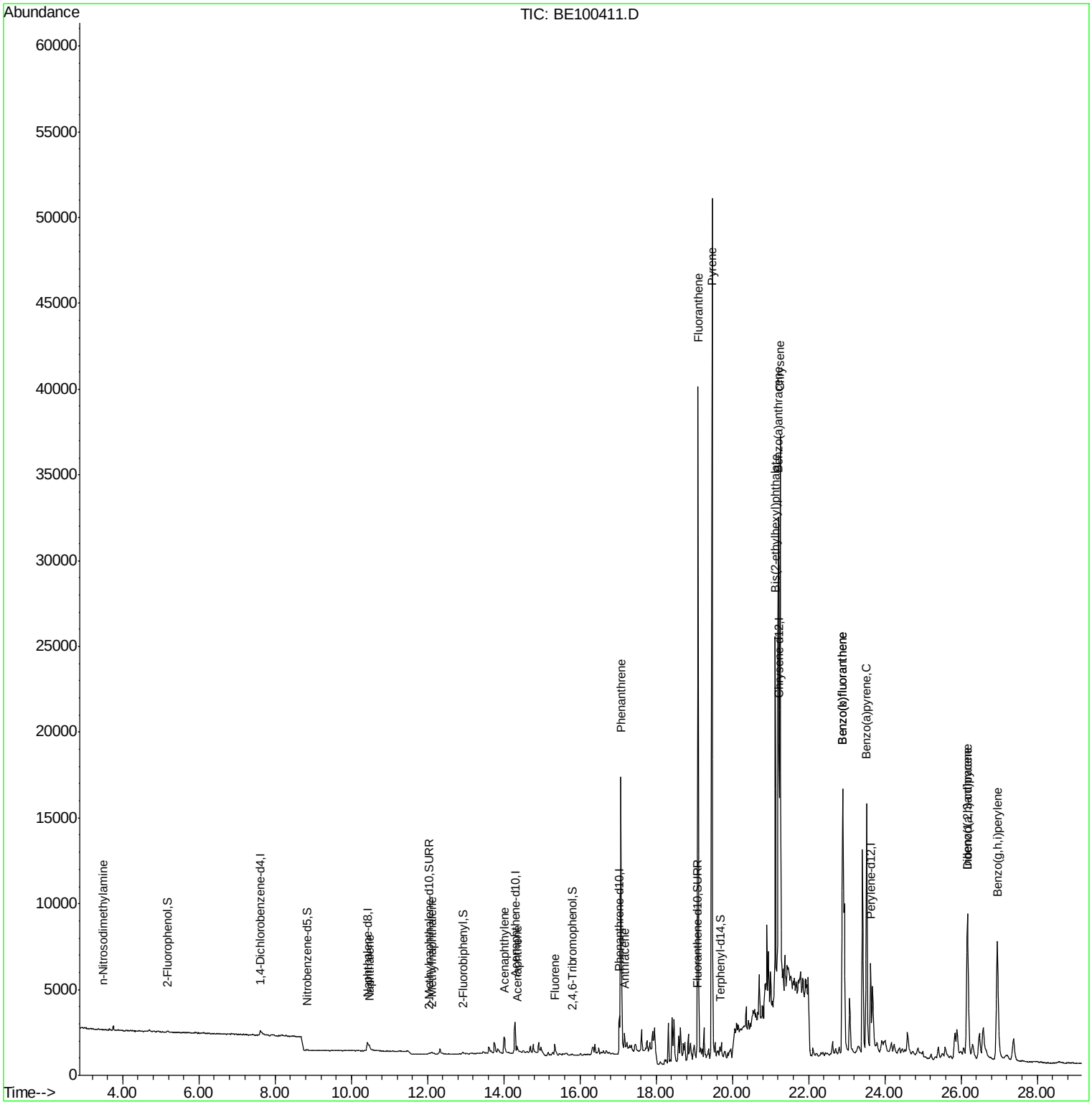
(#) = qualifier out of range (m) = manual integration (+) = signals summed

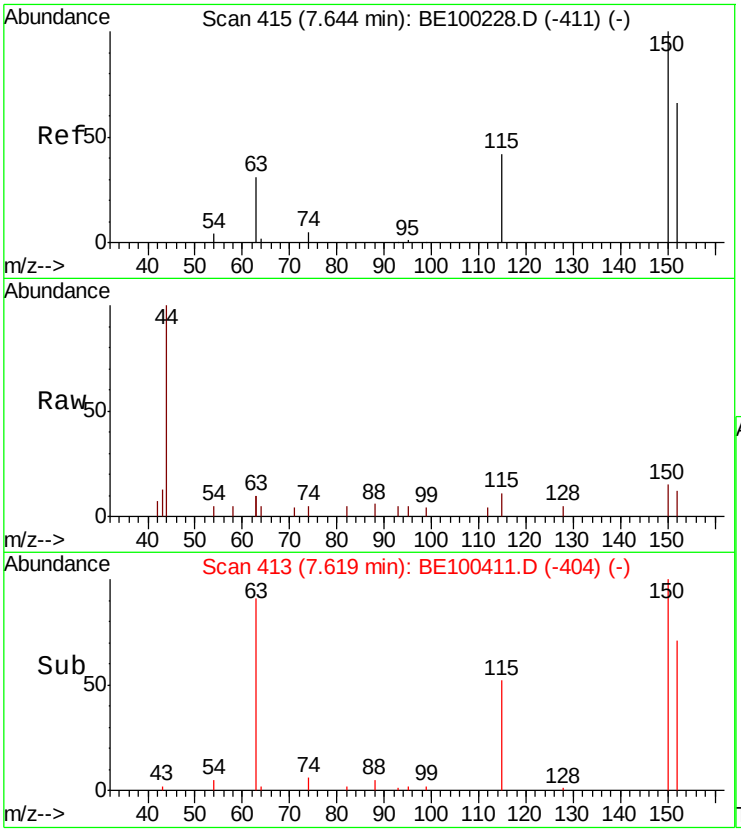
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070819\
Data File : BE100411.D
Acq On : 8 Jul 2019 14:24
Operator : JU/SJ
Sample : K3561-04DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 08 15:25:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 08 15:19:44 2019
Response via : Initial Calibration



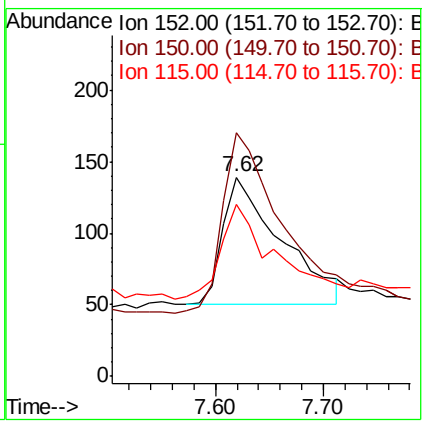


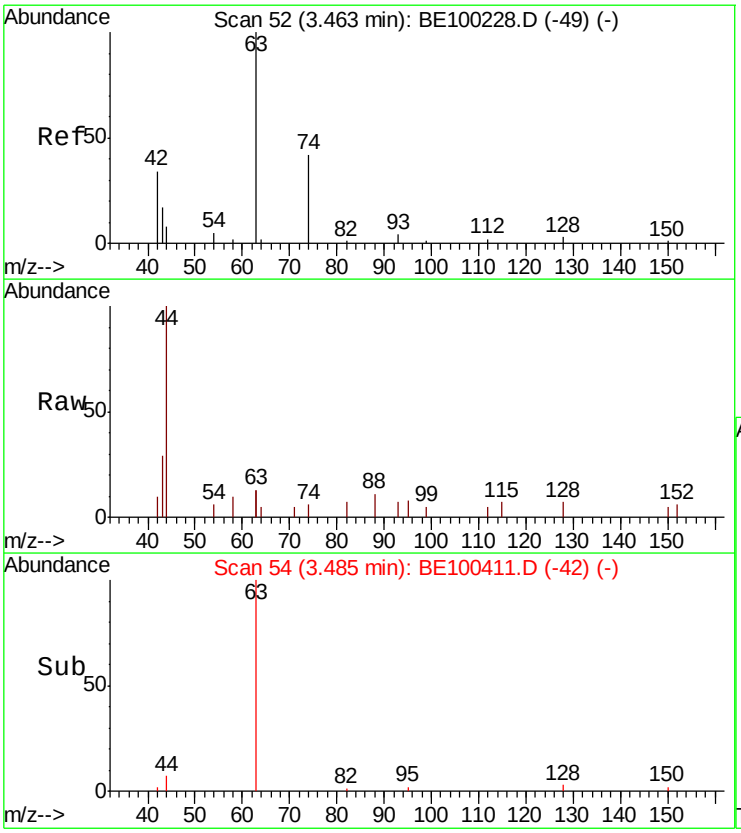
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. 0.01 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 334

Ion	Ratio	Lower	Upper
152	100		
150	122.3	99.6	149.4
115	86.3	61.4	92.0

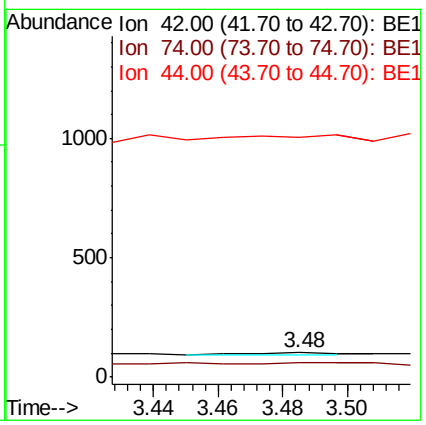


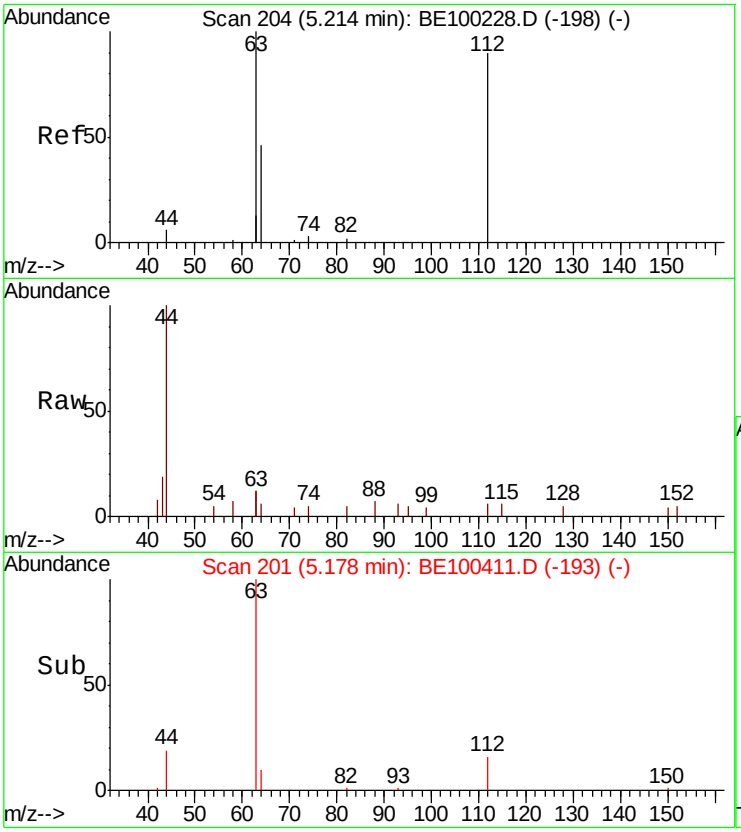


#3
n-Nitrosodimethylamine
Concen: 0.054 ng
RT: 3.48 min Scan# 54
Delta R.T. 0.04 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Tgt Ion: 42 Resp: 13

Ion	Ratio	Lower	Upper
42	100		
74	38.5	104.9	157.3#
44	76.9	0.0	0.0#



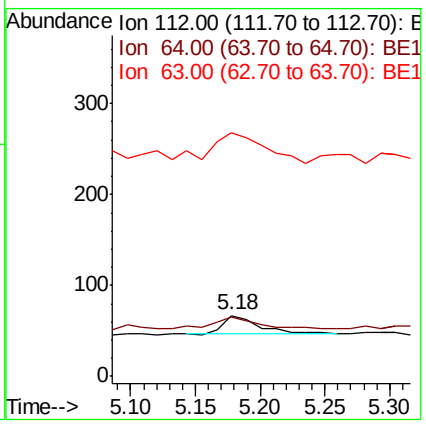


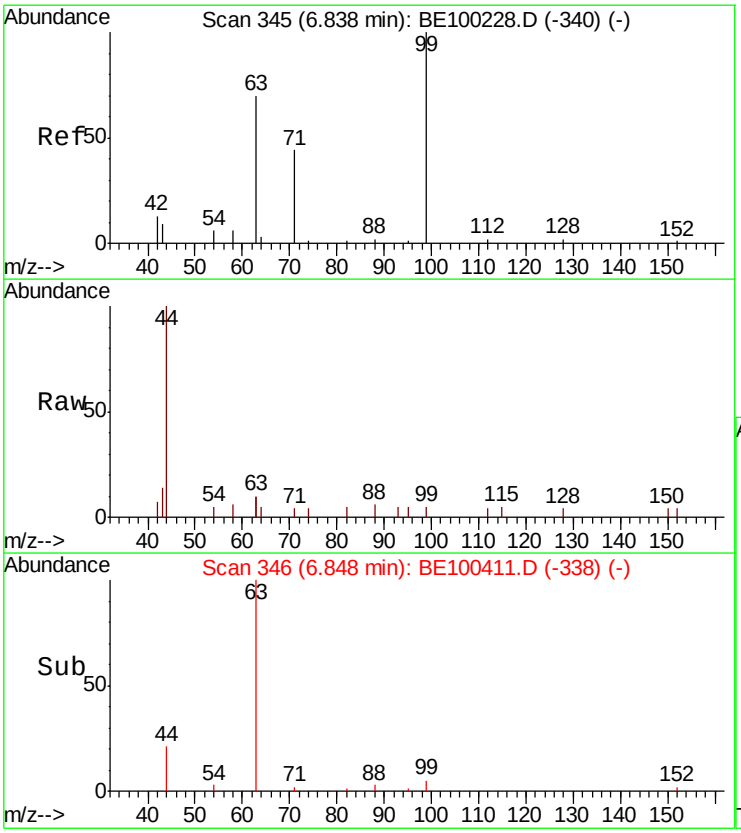
#4
2-Fluorophenol
Concen: 0.043 ng
RT: 5.18 min Scan# 201
Delta R.T. -0.00 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 37

Ion	Ratio	Lower	Upper
112	100		
64	86.5	44.7	67.1#
63	270.3	89.9	134.9#

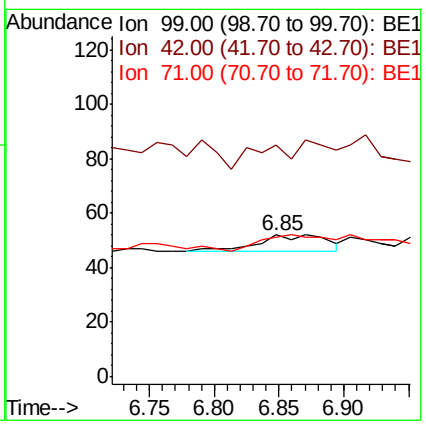


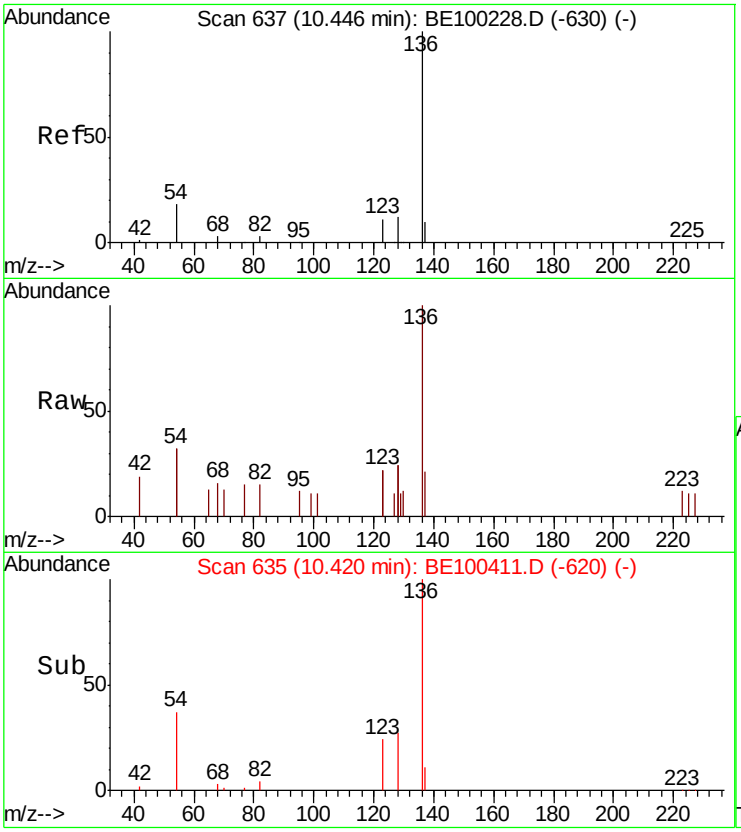


#5
Phenol-d6
Concen: 0.020 ng
RT: 6.85 min Scan# 346
Delta R.T. -0.00 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Tgt Ion: 99 Resp: 22

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	34.6	51.8#



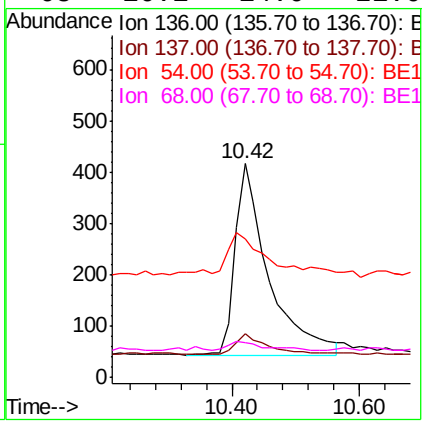


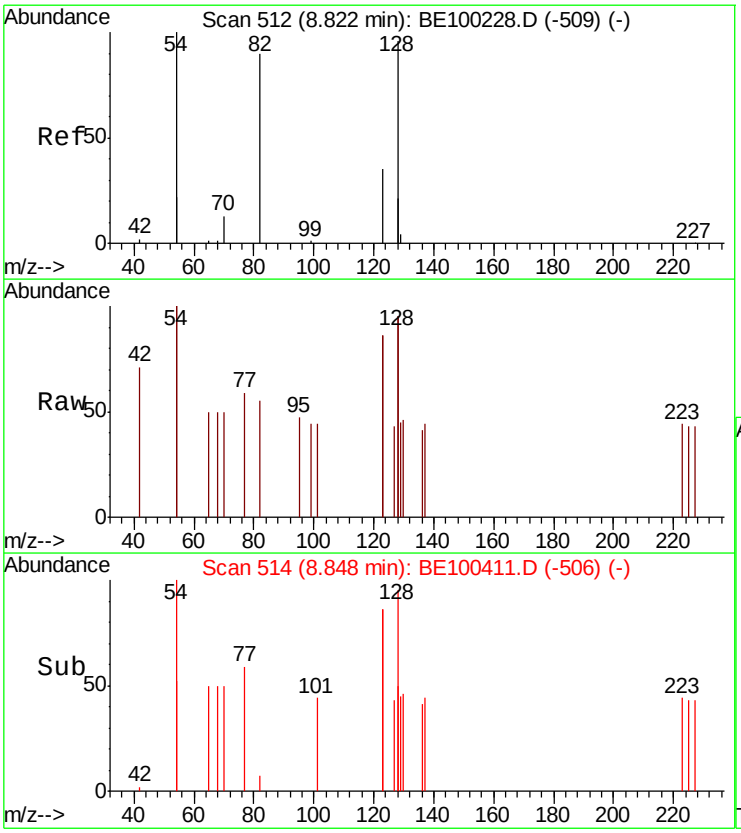
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.42 min Scan# 635
Delta R.T. 0.00 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 1350

Ion	Ratio	Lower	Upper
136	100		
137	20.7	17.4	26.2
54	64.9	59.0	88.4
68	16.1	14.0	21.0

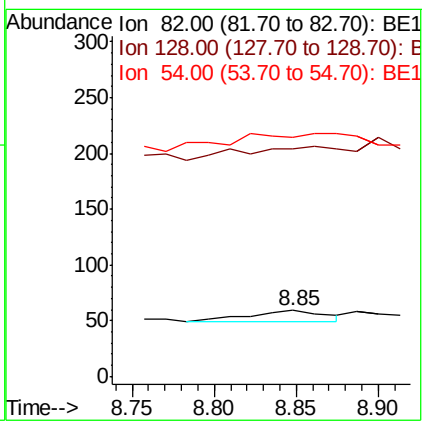


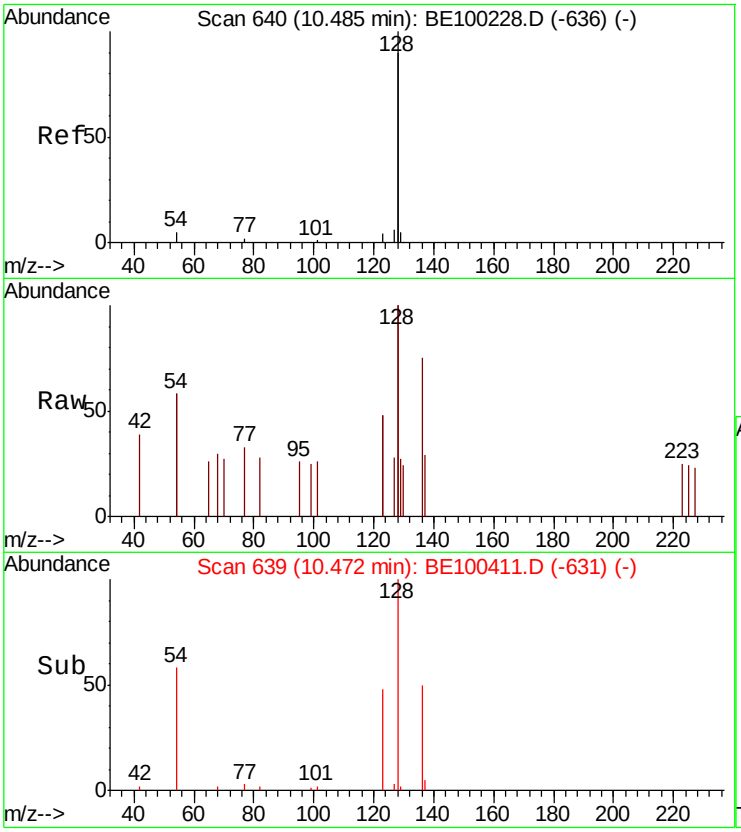


#8
Nitrobenzene-d5
Concen: 0.025 ng
RT: 8.85 min Scan# 514
Delta R.T. 0.04 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Tgt Ion: 82 Resp: 34

Ion	Ratio	Lower	Upper
82	100		
128	345.8	190.6	285.8#
54	362.7	201.5	302.3#



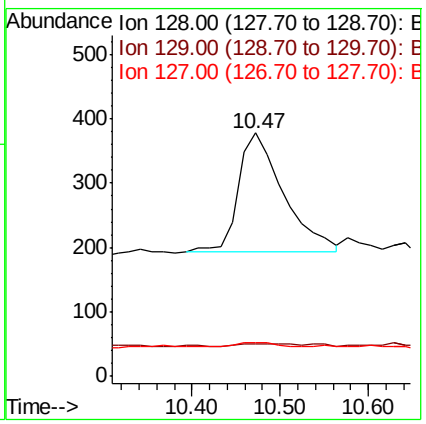


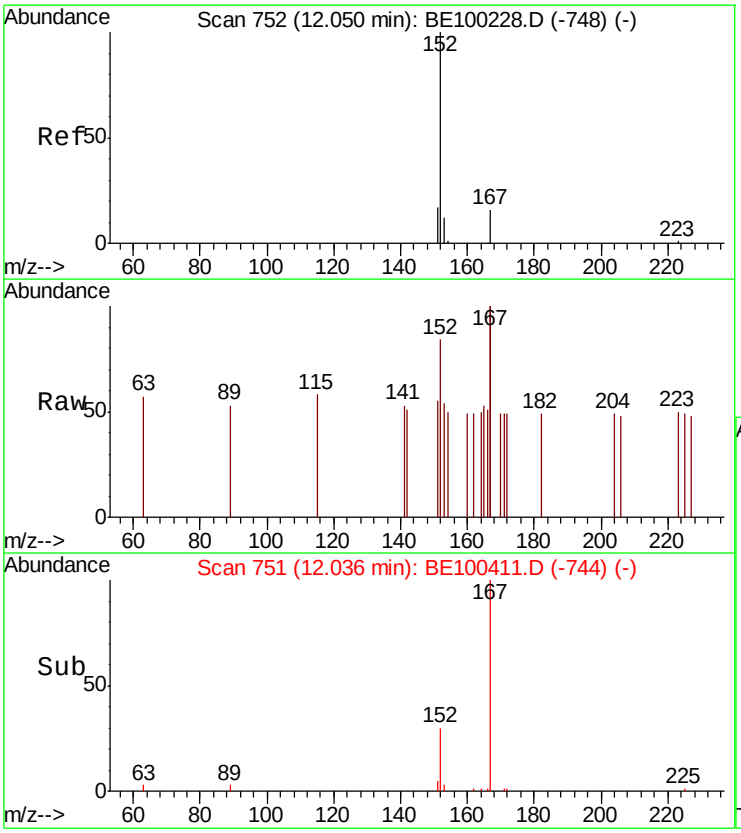
#9
Naphthalene
Concen: 0.044 ng
RT: 10.47 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 650

Ion	Ratio	Lower	Upper
128	100		
129	13.5	4.2	6.2#
127	14.0	4.4	6.6#

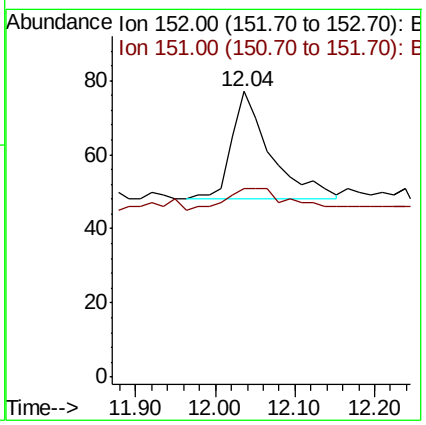


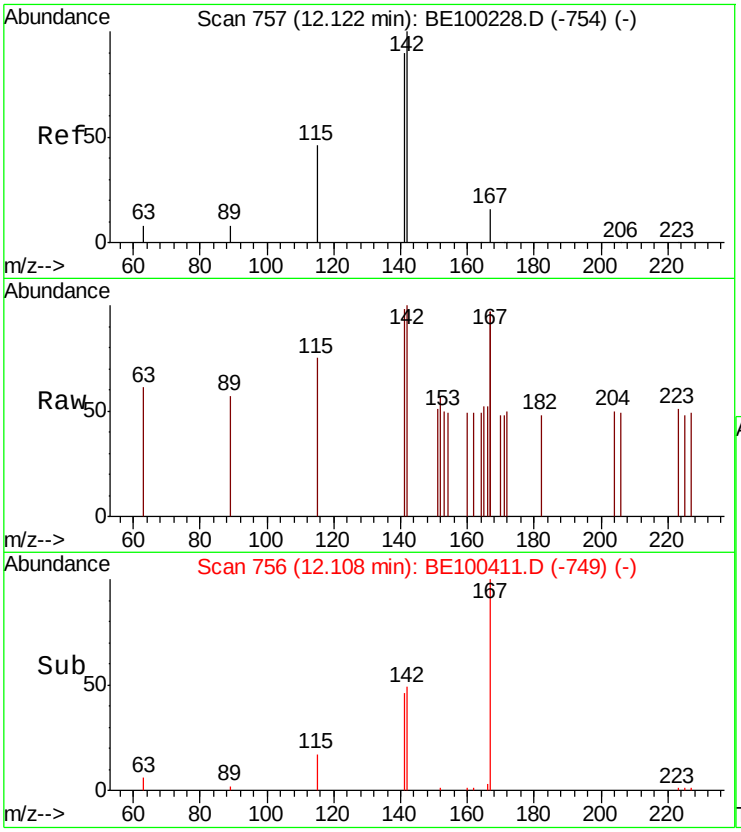


#11
2-Methylnaphthalene-d10
Concen: 0.039 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.00 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Tgt Ion:152 Resp: 99

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2



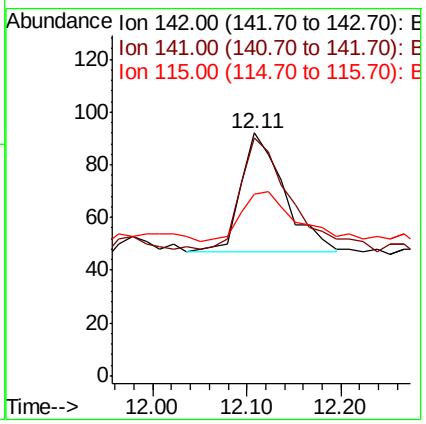


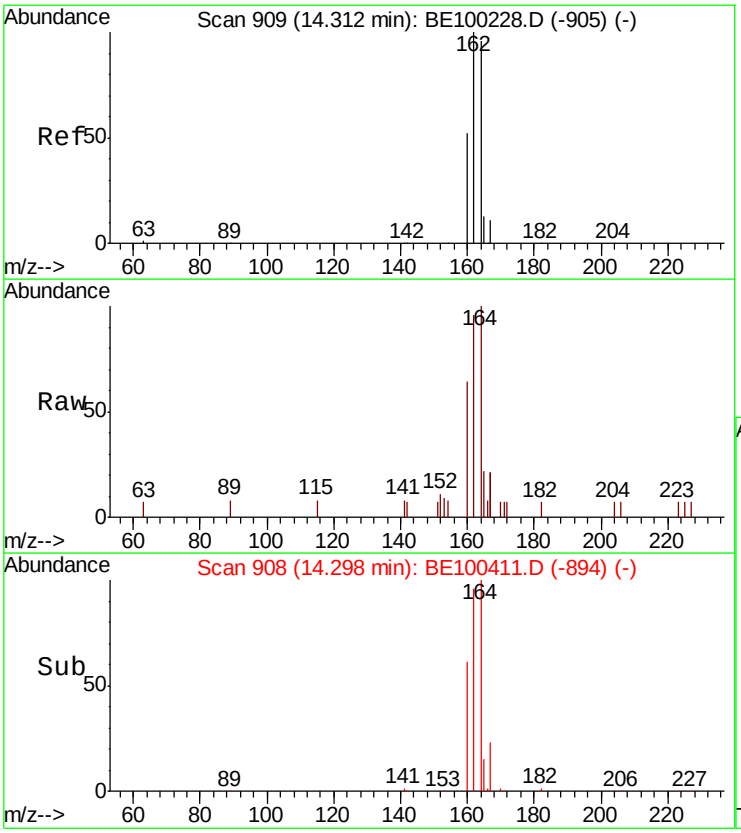
#12
2-Methylnaphthalene
Concen: 0.055 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.00 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 144

Ion	Ratio	Lower	Upper
142	100		
141	97.8	71.3	106.9
115	75.0	47.4	71.0#

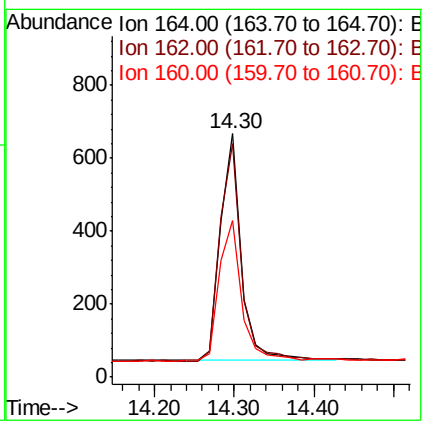


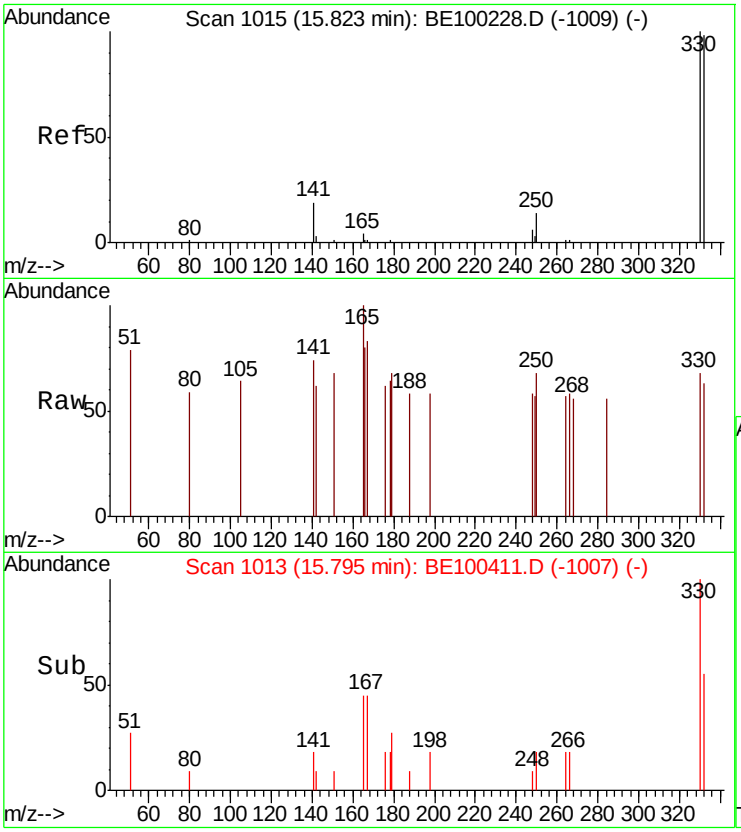


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Tgt Ion:164 Resp: 1134

Ion	Ratio	Lower	Upper
164	100		
162	96.0	78.9	118.3
160	64.1	53.7	80.5



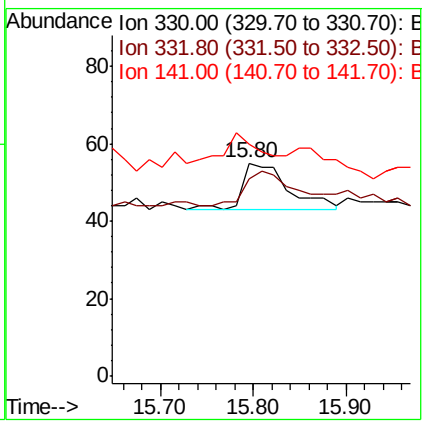


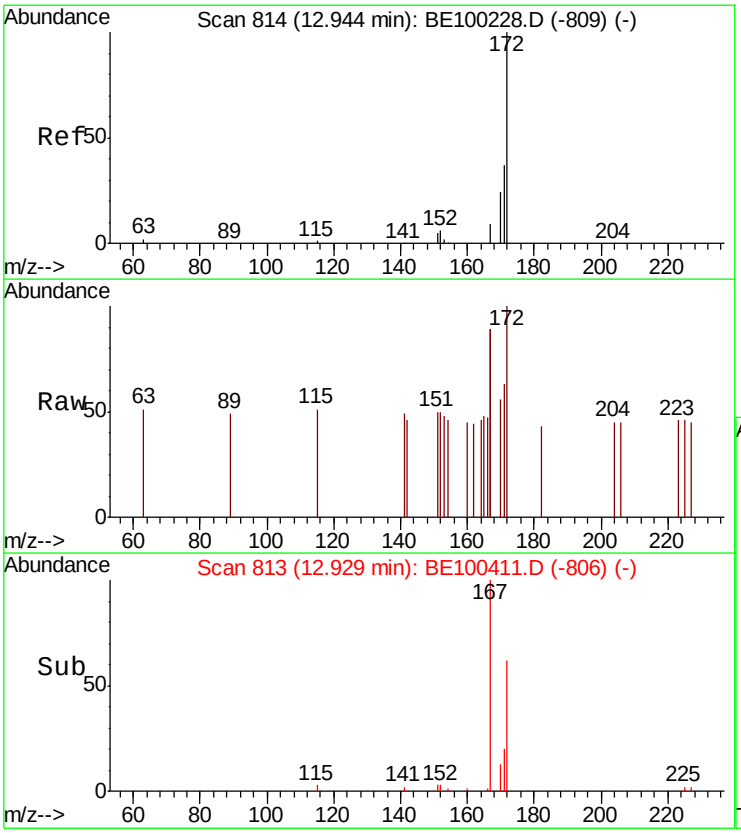
#14
2,4,6-Tribromophenol
Concen: 0.053 ng
RT: 15.80 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 42

Ion	Ratio	Lower	Upper
330	100		
332	78.6	75.0	112.4
141	0.0	19.0	28.6#

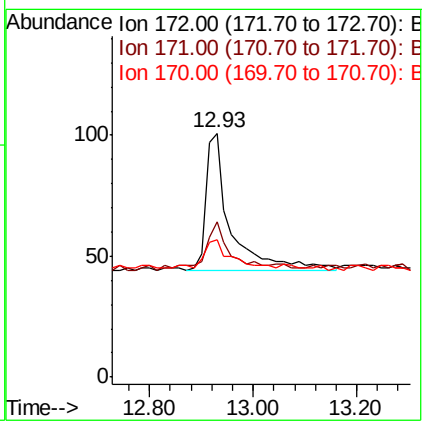


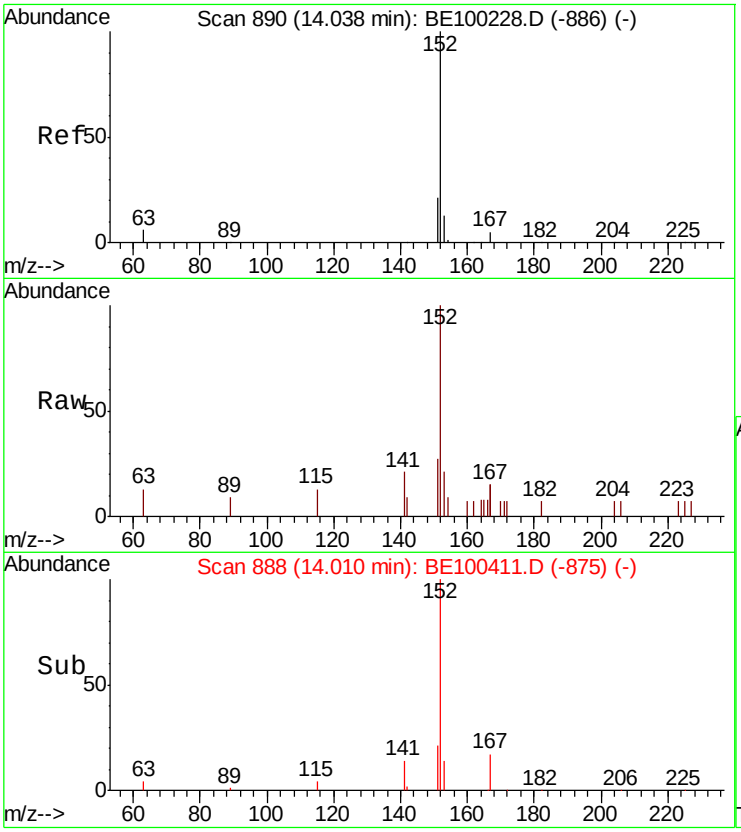


#15
2-Fluorobiphenyl
Concen: 0.043 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.00 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Tgt Ion:172 Resp: 190

Ion	Ratio	Lower	Upper
172	100		
171	63.4	33.2	49.8#
170	56.4	25.9	38.9#



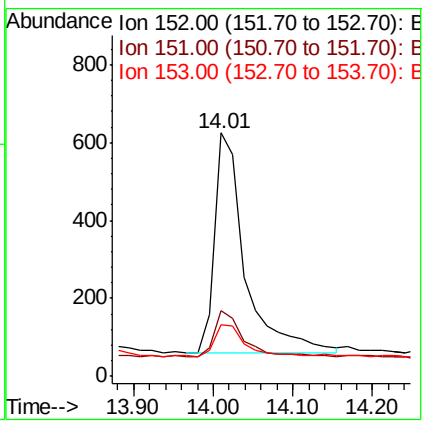


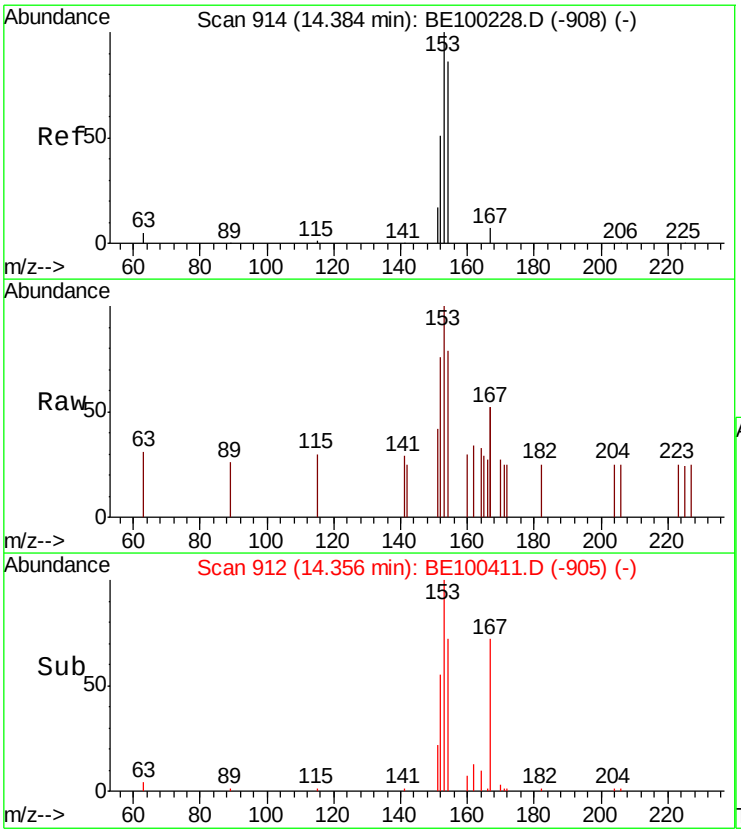
#16
Acenaphthylene
Concen: 0.275 ng
RT: 14.01 min Scan# 888
Delta R.T. -0.02 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1499

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.0	25.6
153	13.4	11.2	16.8

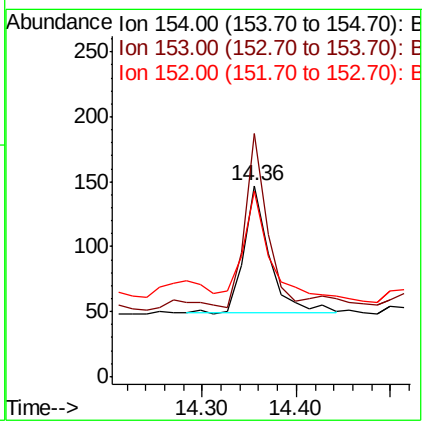


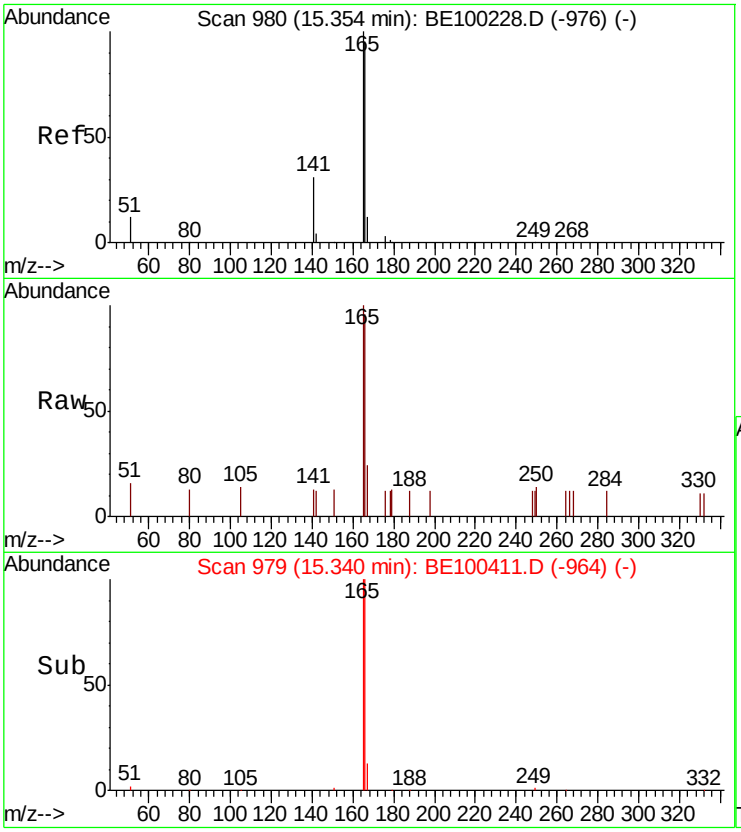


#17
Acenaphthene
Concen: 0.060 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Tgt Ion:154 Resp: 186

Ion	Ratio	Lower	Upper
154	100		
153	115.1	99.5	149.3
152	78.0	63.7	95.5



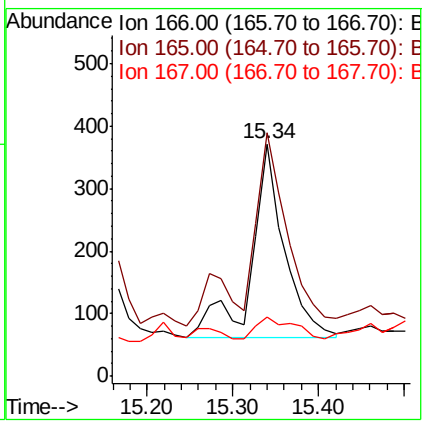


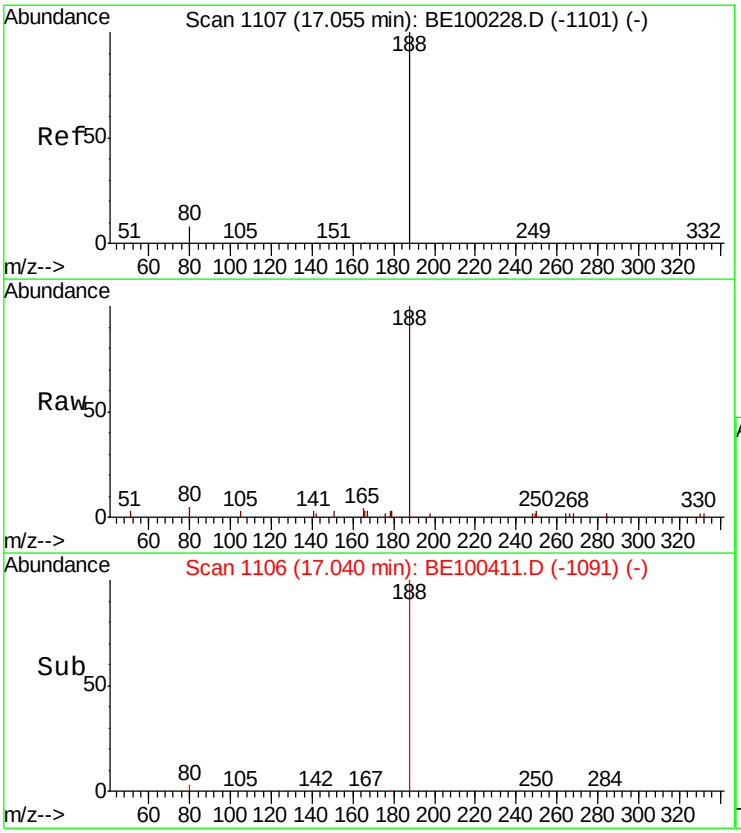
#18
Fluorene
Concen: 0.181 ng
RT: 15.34 min Scan# 979
Delta R.T. 0.00 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 824

Ion	Ratio	Lower	Upper
166	100		
165	85.2	82.3	123.5
167	13.1	9.9	14.9

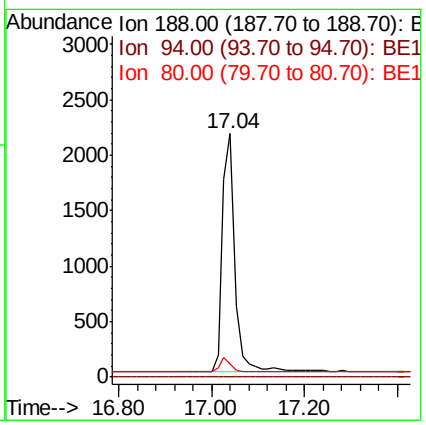


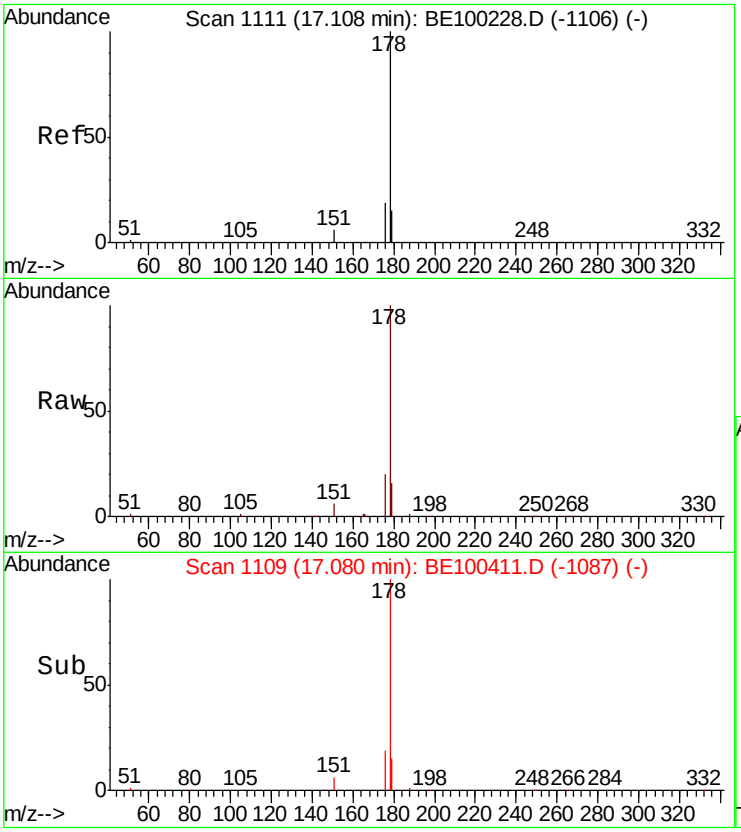


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Tgt Ion:188 Resp: 4138

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.3	8.8	13.2#



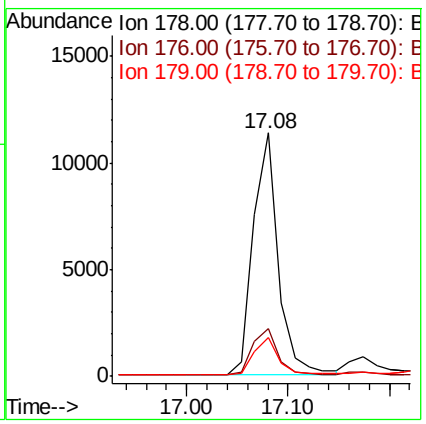


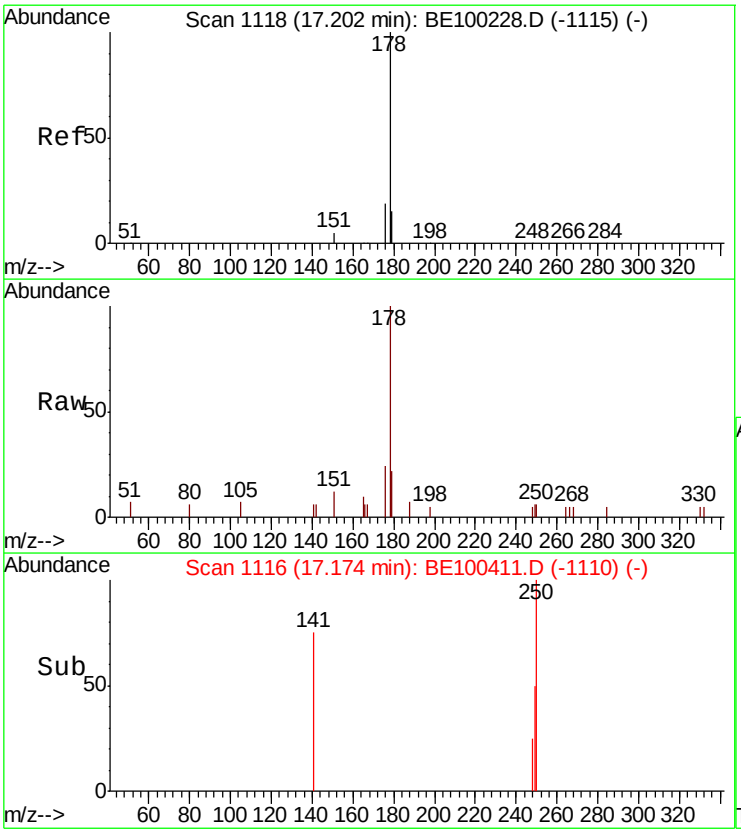
#23
Phenanthrene
Concen: 1.965 ng
RT: 17.08 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 19703

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.8	12.6	18.8

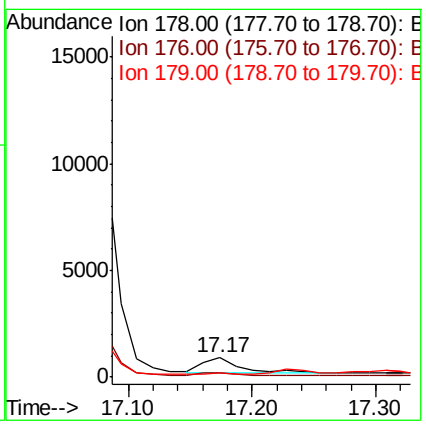


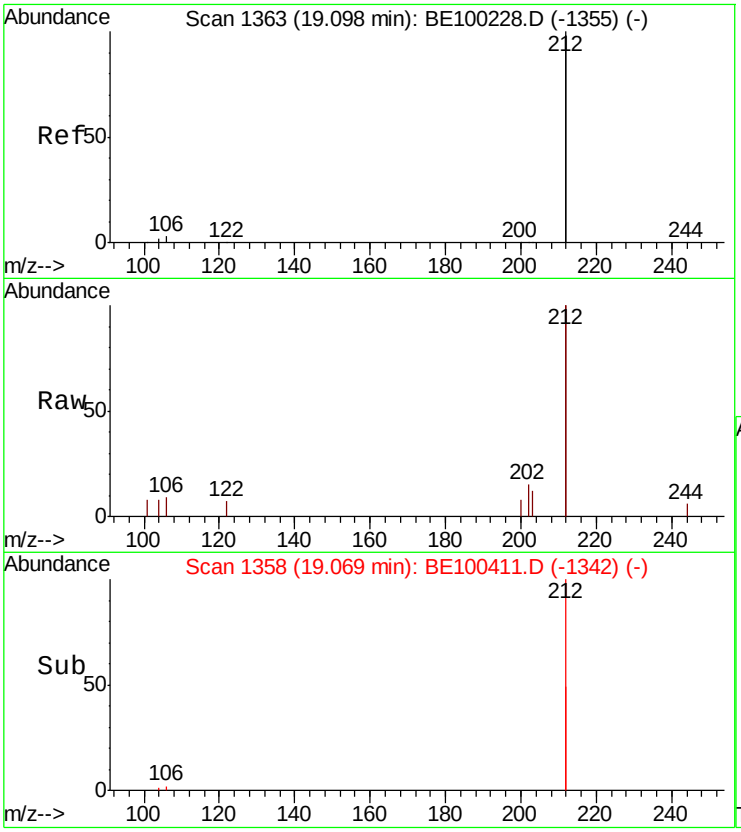


#24
Anthracene
Concen: 0.157 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Tgt Ion:178 Resp: 1417

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.5	21.7
179	7.6	11.6	17.4#



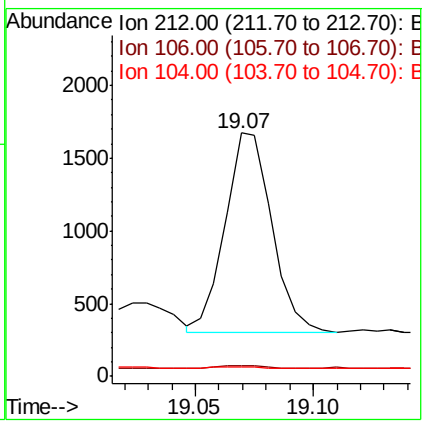


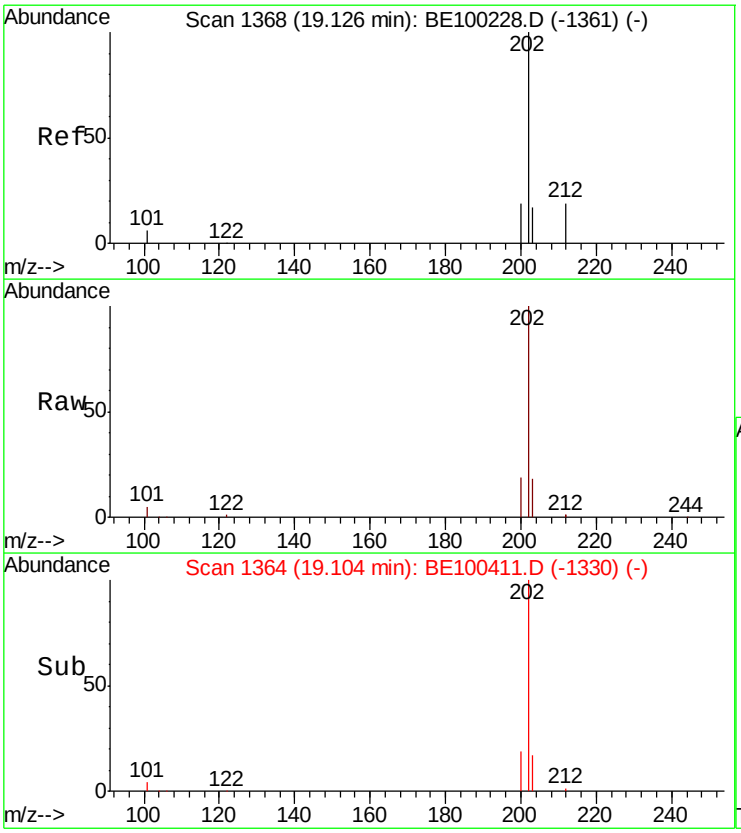
#25
Fluoranthene-d10
Concen: 0.031 ng
RT: 19.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 1886

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.0	1.4#
104	0.8	0.6	1.0

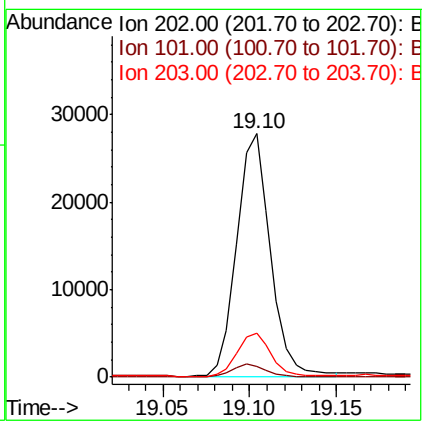


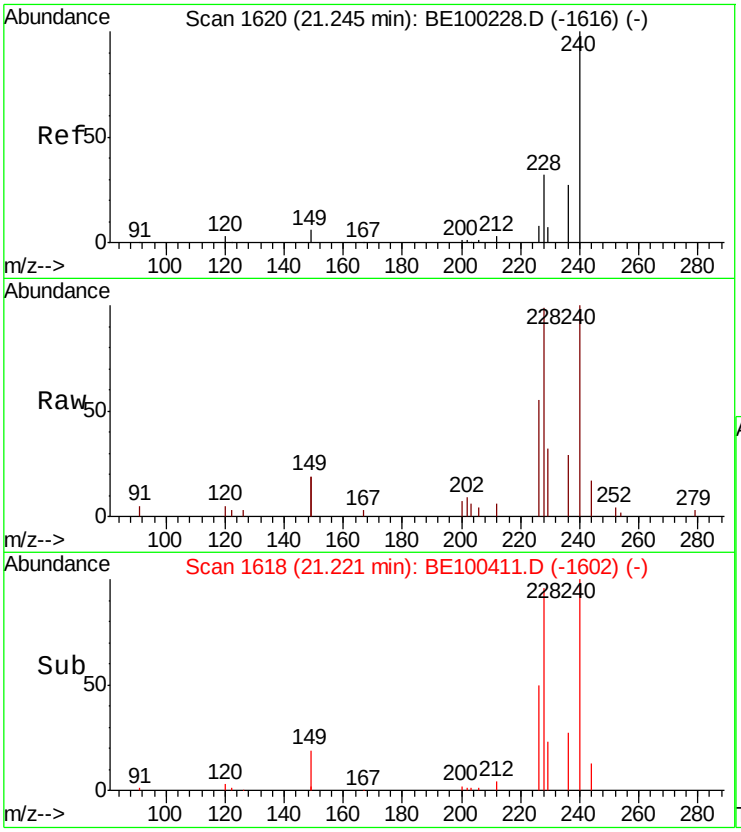


#26
Fluoranthene
Concen: 2.349 ng
RT: 19.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Tgt Ion:202 Resp: 37520

Ion	Ratio	Lower	Upper
202	100		
101	5.0	4.2	6.2
203	17.9	13.7	20.5



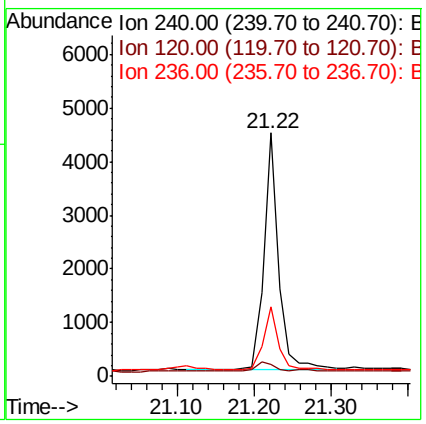


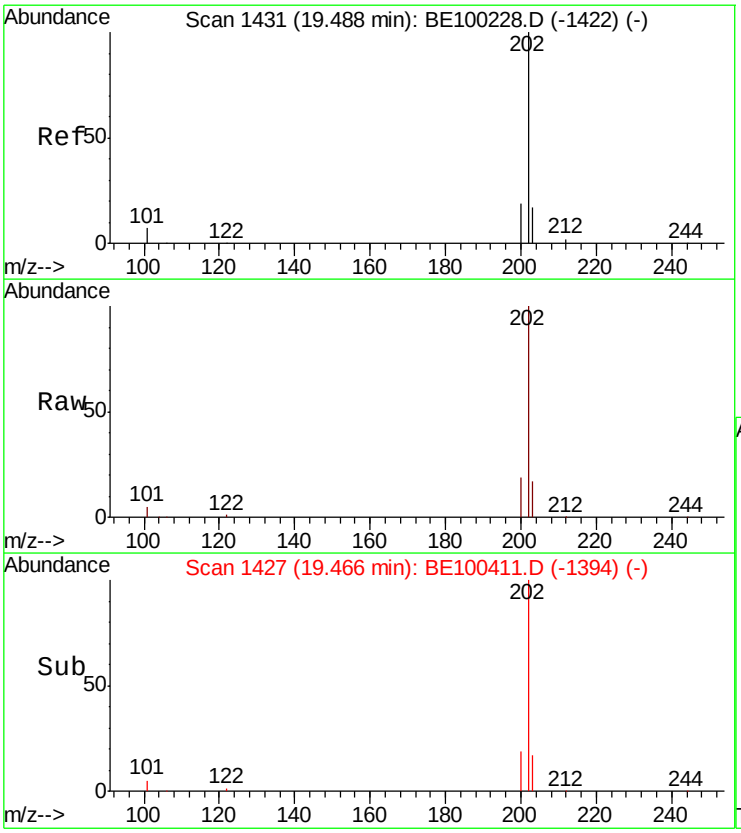
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.22 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 5994

Ion	Ratio	Lower	Upper
240	100		
120	4.8	5.4	8.2#
236	28.8	23.2	34.8

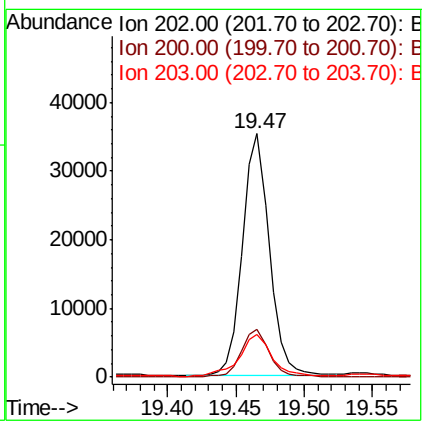


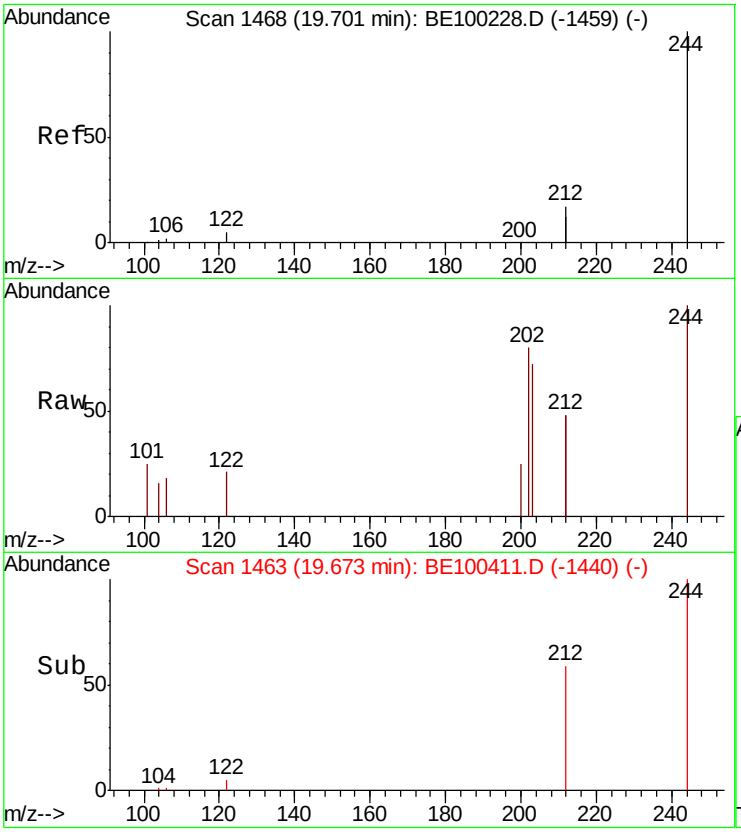


#28
Pyrene
Concen: 3.038 ng
RT: 19.47 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Tgt Ion:202 Resp: 48207

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.2	22.8
203	20.1	14.1	21.1



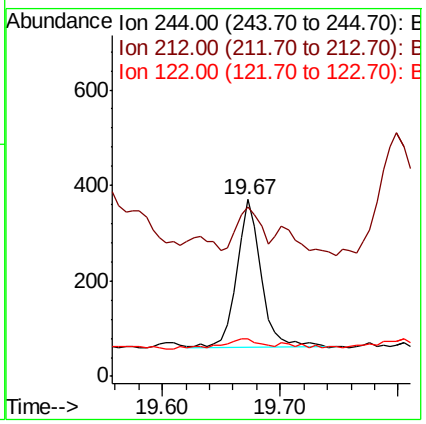


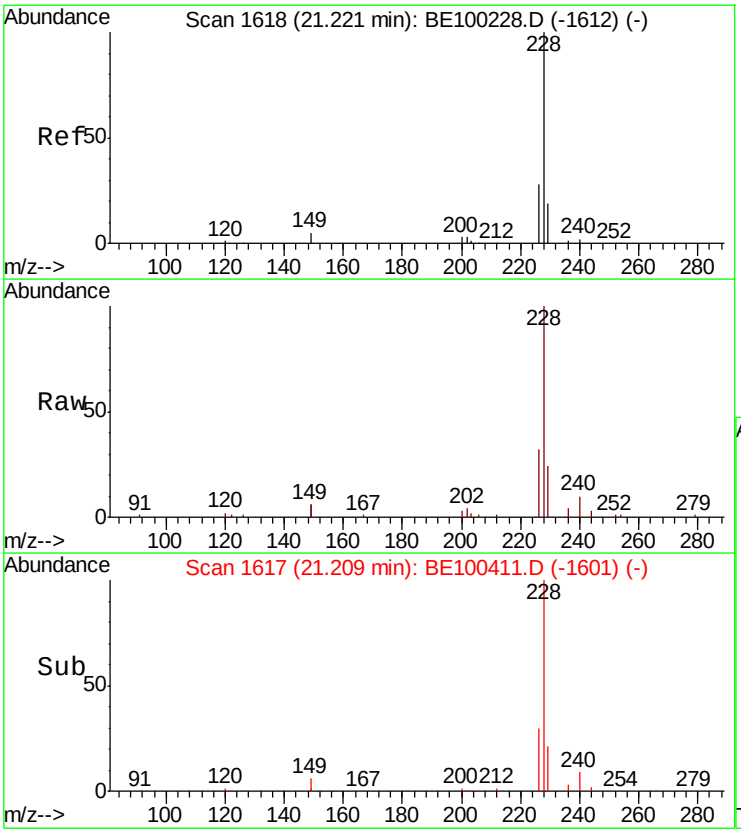
#29
Terphenyl-d14
Concen: 0.035 ng
RT: 19.67 min Scan# 1463
Delta R.T. -0.02 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 436

Ion	Ratio	Lower	Upper
244	100		
212	96.2	33.0	49.6#
122	21.1	5.8	8.8#

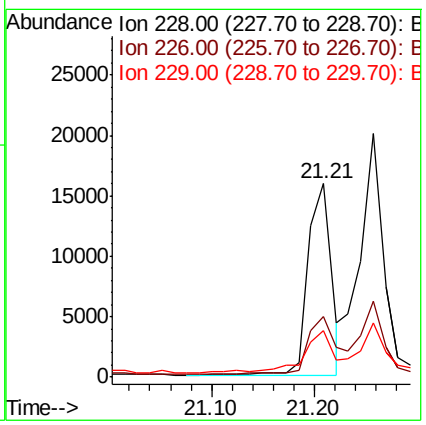


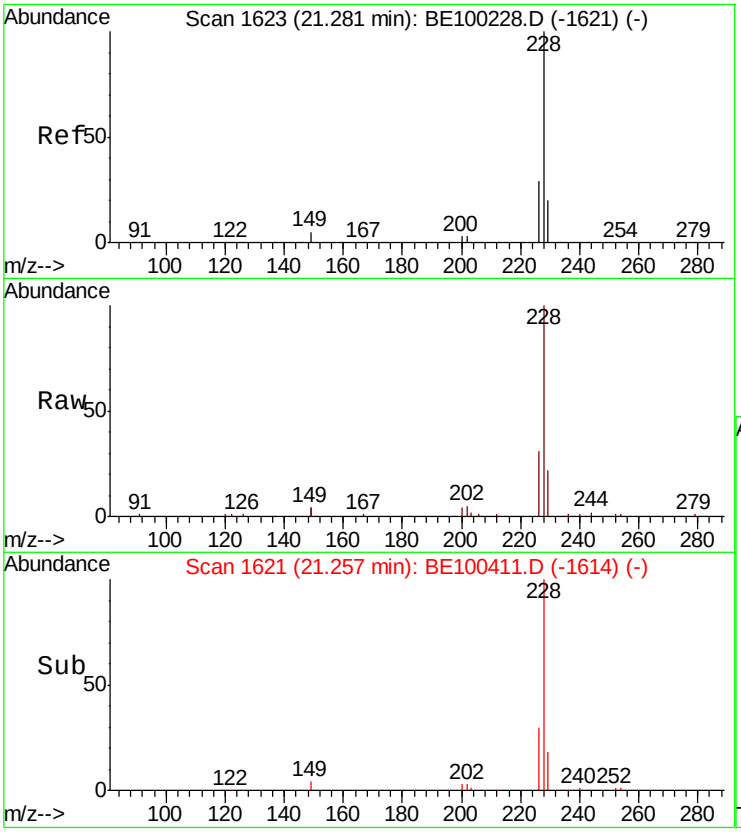


#30
Benzo(a)anthracene
Concen: 1.258 ng
RT: 21.21 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Tgt Ion:228 Resp: 24791

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.0	33.0
229	24.0	17.4	26.0



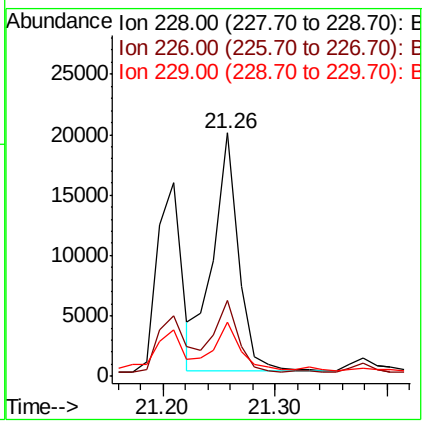


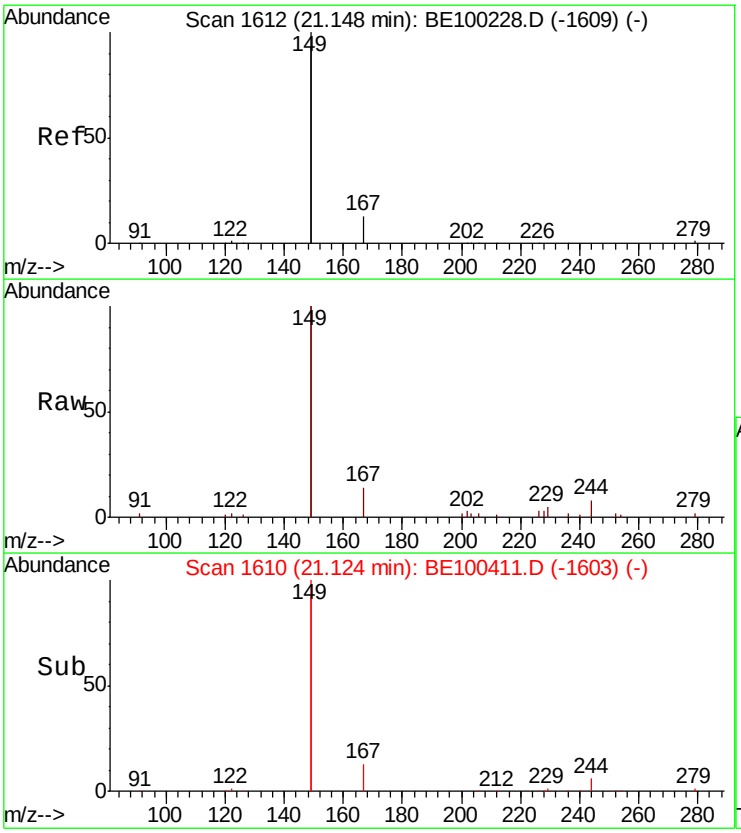
#31
Chrysene
Concen: 1.578 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 31238

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	22.3	16.9	25.3

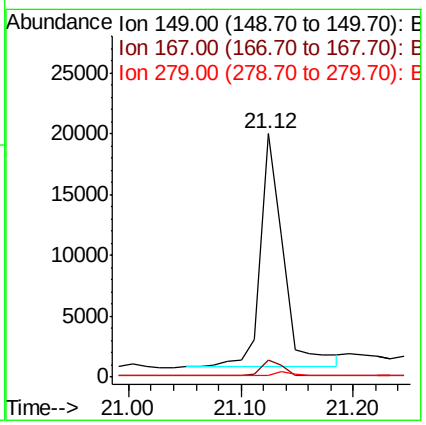


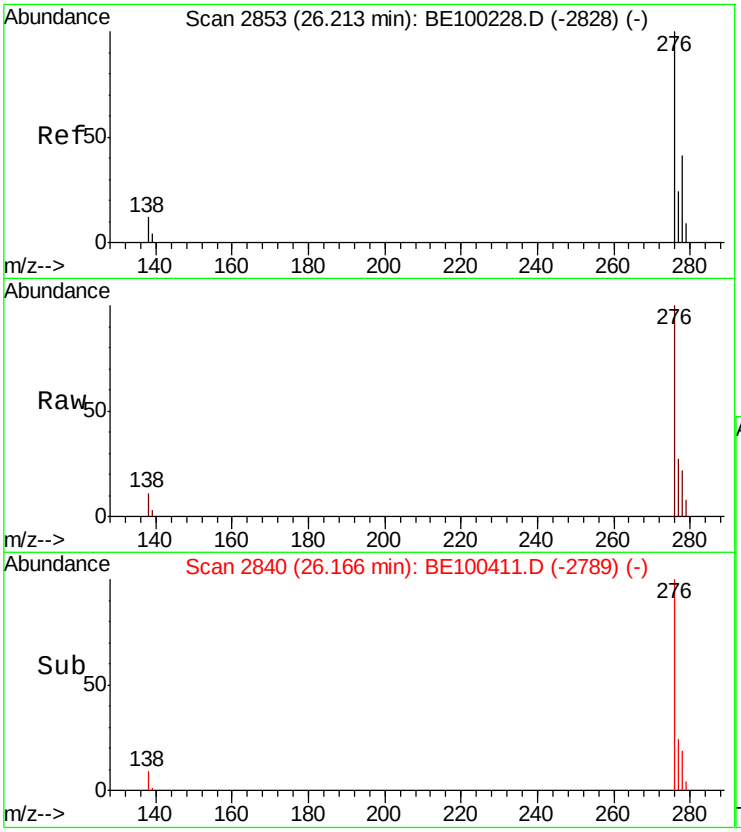


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.931 ng
RT: 21.12 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Tgt Ion:149 Resp: 27545

Ion	Ratio	Lower	Upper
149	100		
167	6.0	5.7	8.5
279	1.3	1.4	2.0#



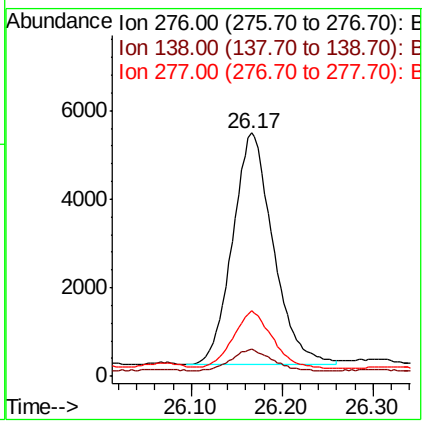


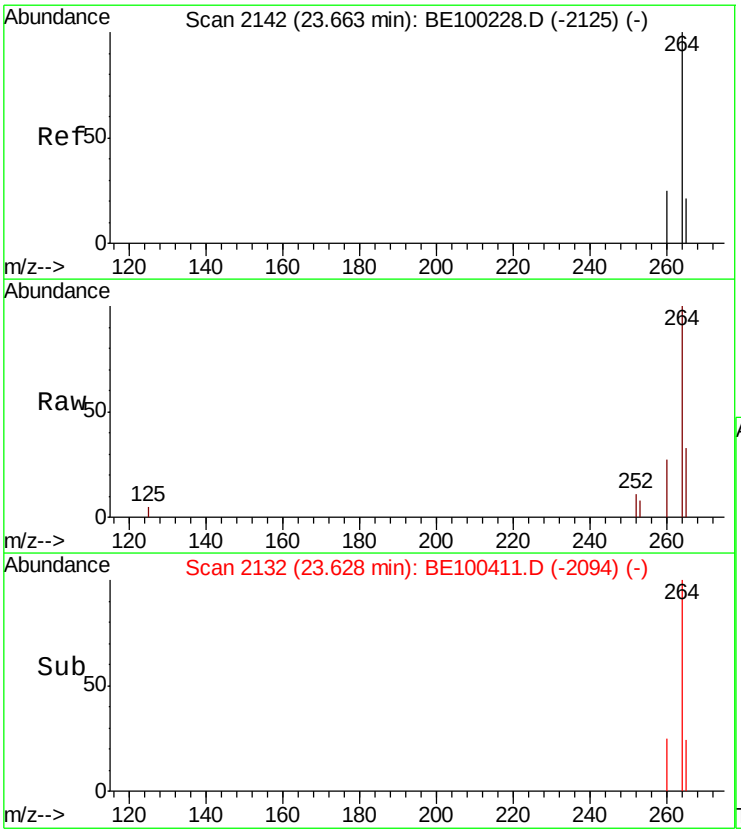
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.624 ng
RT: 26.17 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 16329

Ion	Ratio	Lower	Upper
276	100		
138	8.7	7.6	11.4
277	23.2	20.0	30.0

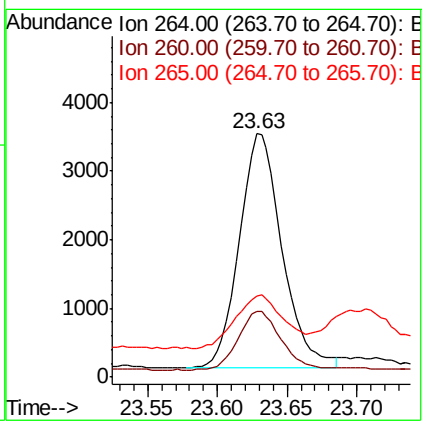


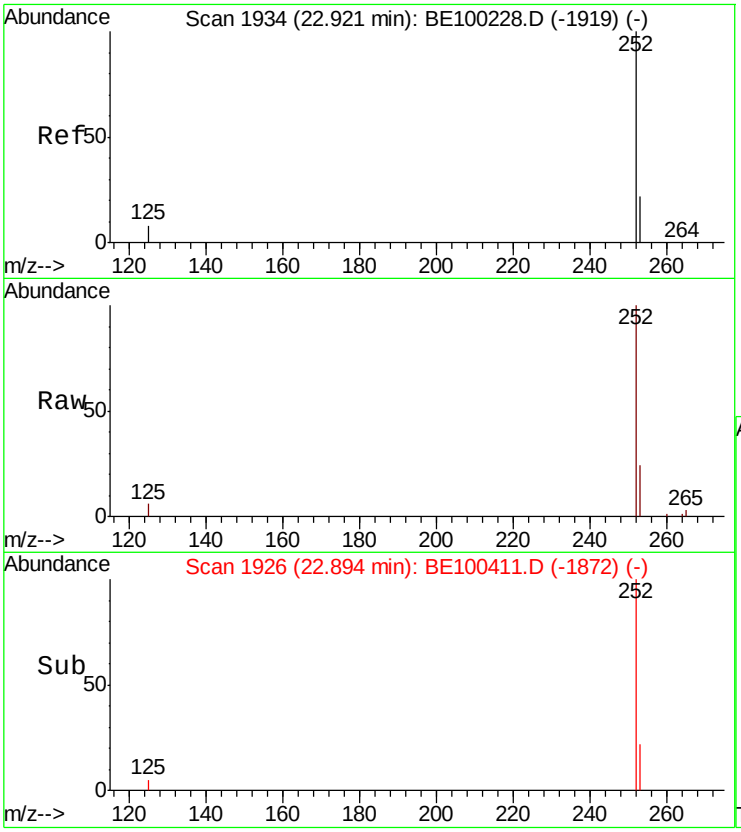


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Tgt Ion:264 Resp: 7267

Ion	Ratio	Lower	Upper
264	100		
260	26.8	22.0	33.0
265	33.3	26.0	39.0



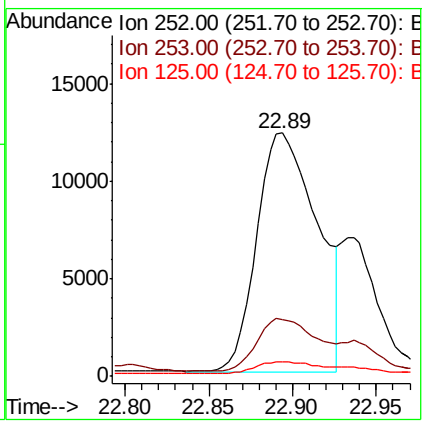


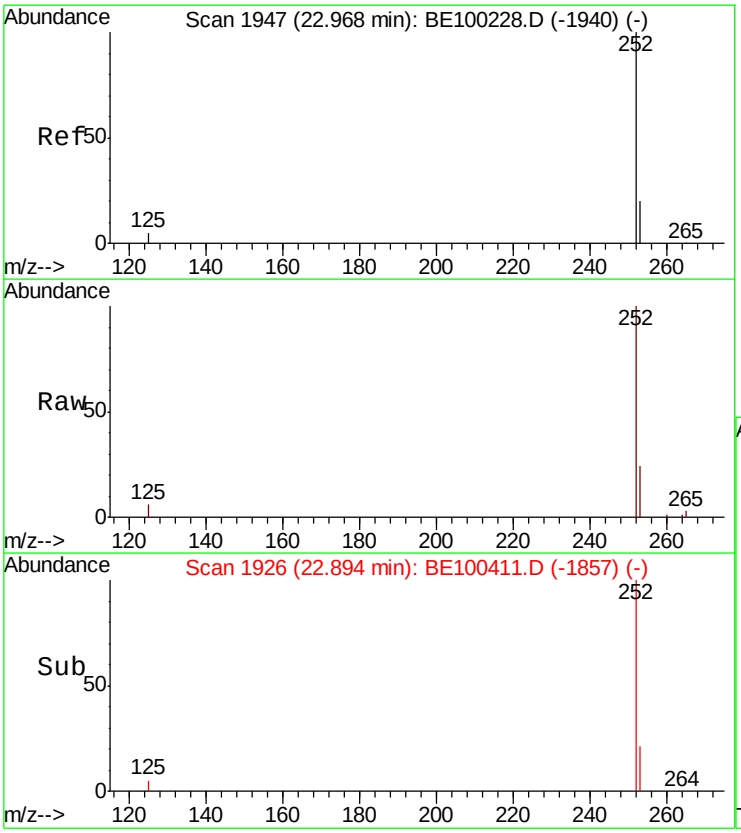
#35
Benzo(b)fluoranthene
Concen: 1.561 ng
RT: 22.89 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 30752

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.0	30.0
125	5.7	6.3	9.5#

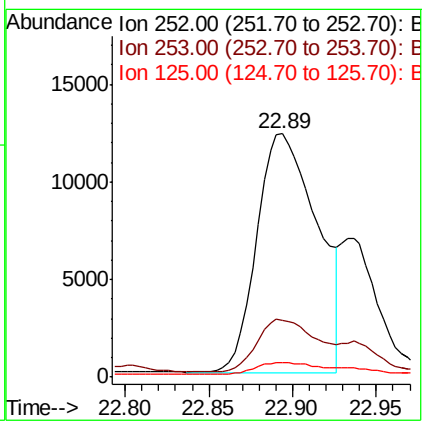


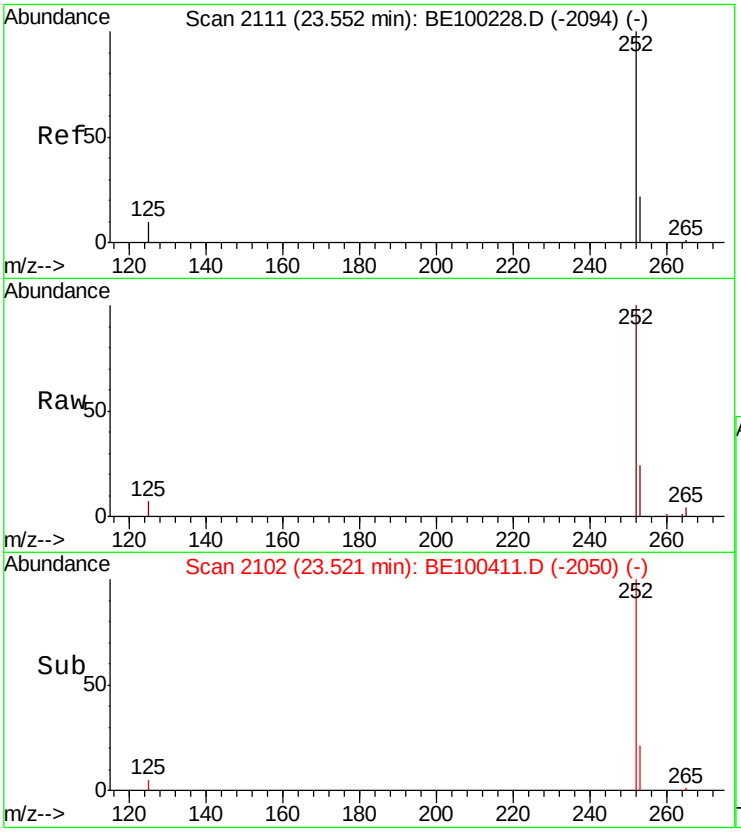


#36
Benzo(k)fluoranthene
Concen: 1.398 ng
RT: 22.89 min Scan# 1926
Delta R.T. -0.05 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Tgt Ion:252 Resp: 30752

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.5	29.3
125	5.7	5.4	8.0



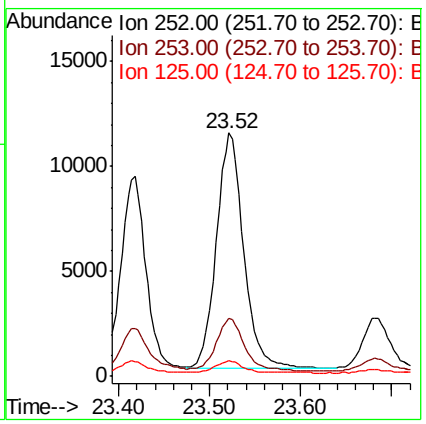


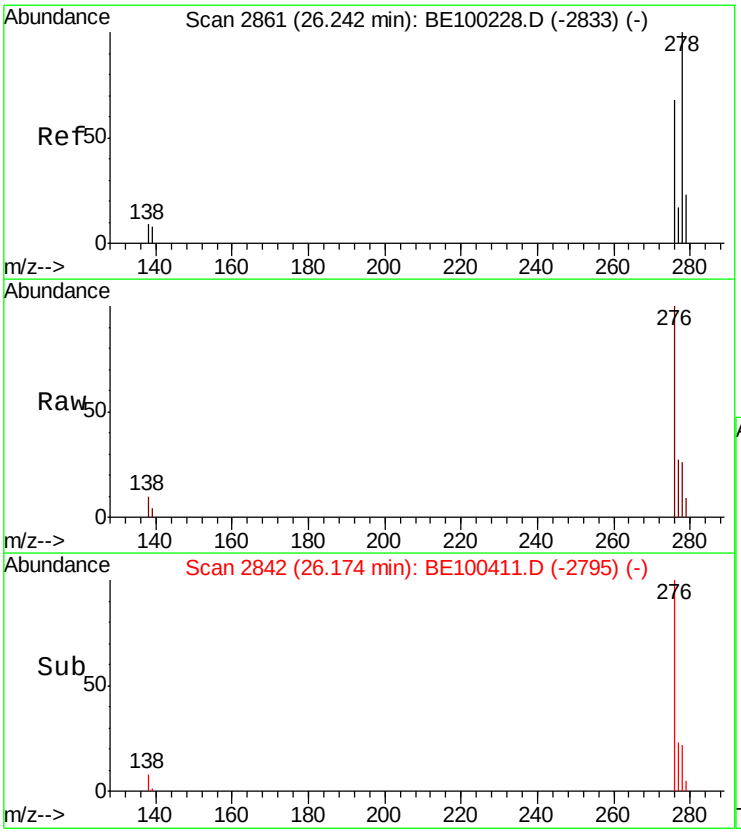
#37
Benzo(a)pyrene
Concen: 1.189 ng
RT: 23.52 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 23475

Ion	Ratio	Lower	Upper
252	100		
253	24.0	21.0	31.6
125	6.6	7.8	11.8#

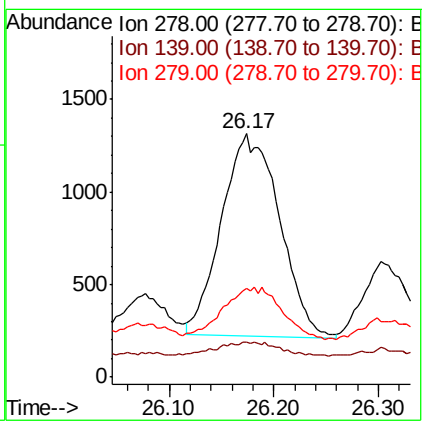


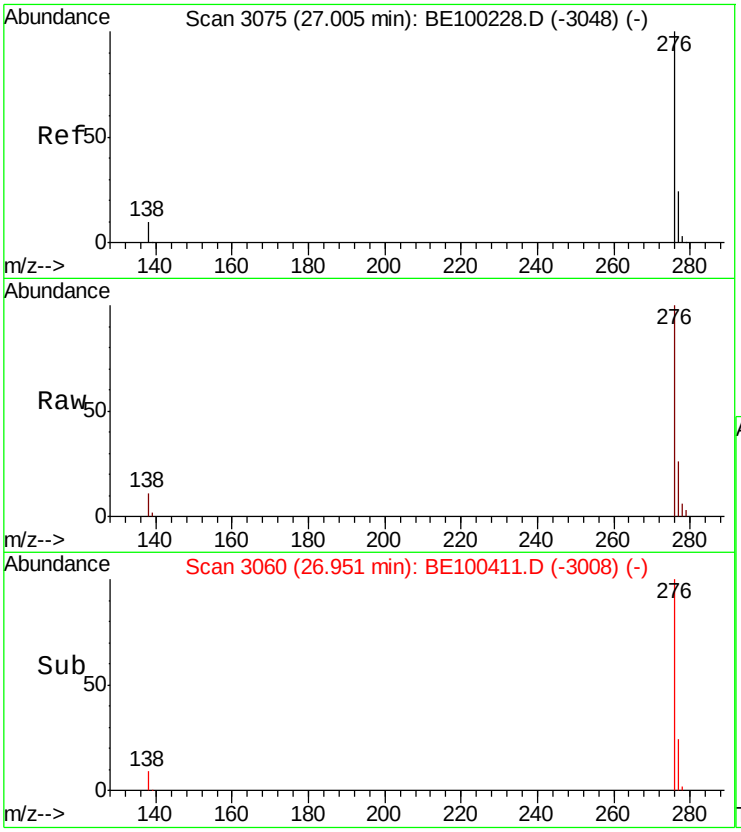


#38
Dibenzo(a,h)anthracene
Concen: 0.204 ng
RT: 26.17 min Scan# 2842
Delta R.T. -0.03 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Tgt Ion:278 Resp: 4198

Ion	Ratio	Lower	Upper
278	100		
139	14.4	9.8	14.8
279	36.6	22.6	34.0#





#39
Benzo(g,h,i)perylene
Concen: 0.886 ng
RT: 26.95 min Scan# 3060
Delta R.T. -0.01 min
Lab File: BE100411.D
Acq: 8 Jul 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 18770

Ion	Ratio	Lower	Upper
276	100		
277	26.4	20.7	31.1
138	10.9	10.2	15.2