Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100285.D
Acq On : 2 Jul 2019 4:10
Operator : JU/SJ
Sample : K3445-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-008-SW116-061719

Quant Time: Jul 02 07:00:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1036	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	3578	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	2644	0.40	ng		0.01
19) Phenanthrene-d10	17.07	188	7252	0.40	ng		0.01
27) Chrysene-d12	21.25	240	9507	0.40	ng		0.00
34) Perylene-d12	23.68	264	11000	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	850	0.32	ng		0.00
5) Phenol-d6	6.84	99	1173	0.34	ng		0.00
8) Nitrobenzene-d5	8.81	82	1261	0.35	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	2397	0.36	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	608	0.33	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	3161	0.31	ng		0.00
25) Fluoranthene-d10	19.10	212	34751	0.33	ng		0.00
29) Terphenyl-d14	19.70	244	6034	0.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	36	0.022	ng	#	1
3) n-Nitrosodimethylamine	3.46	42	21	0.028	ng	#	1
9) Naphthalene	10.48	128	4777	0.121	ng		98
12) 2-Methylnaphthalene	12.12	142	892	0.129	ng		97
16) Acenaphthylene	14.04	152	2891	0.228	ng		99
17) Acenaphthene	14.38	154	882	0.123	ng		93
18) Fluorene	15.35	166	1347	0.127	ng	#	90
23) Phenanthrene	17.11	178	35027	1.993	ng		99
24) Anthracene	17.20	178	5344	0.338	ng		97
26) Fluoranthene	19.13	202	90938	3.248	ng		99
28) Pyrene	19.49	202	93671	3.722	ng	#	96
30) Benzo(a)anthracene	21.23	228	71647	2.292	ng		96
31) Chrysene	21.28	228	66336	2.113	ng		96
32) Bis(2-ethylhexyl)phthalate	21.15	149	117525	2.602	ng		100
33) Indeno(1,2,3-cd)pyrene	26.24	276	47098	1.134	ng	#	96
35) Benzo(b)fluoranthene	22.94	252	91213	3.058	ng	#	98
36) Benzo(k)fluoranthene	22.94	252	91213	2.740	ng		96
37) Benzo(a)pyrene	23.57	252	67260	2.250	ng	#	97
38) Dibenzo(a,h)anthracene	26.25	278	11314	0.362	ng	#	82
39) Benzo(g,h,i)perylene	27.03	276	47247	1.473	ng		99

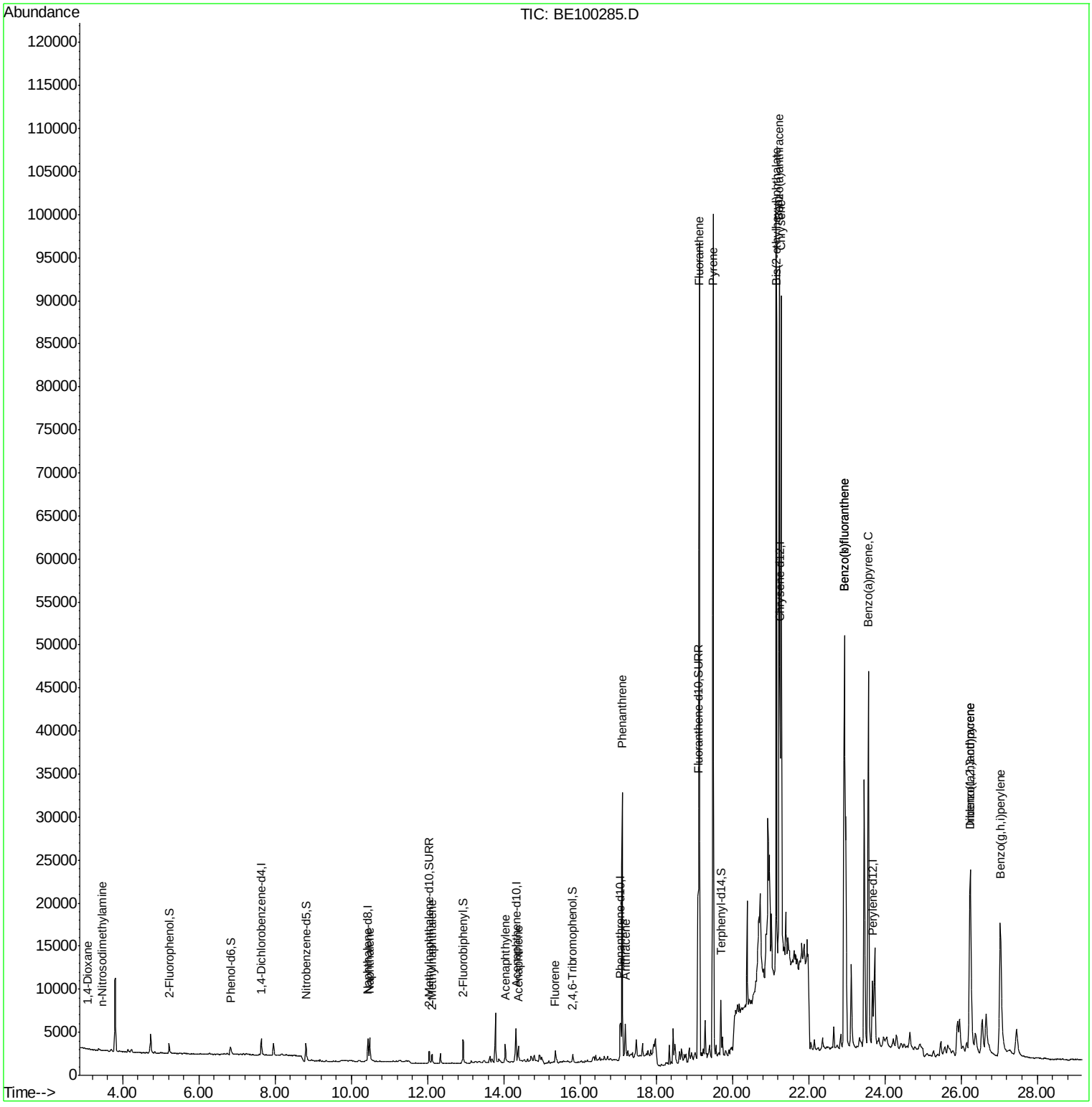
(#) = qualifier out of range (m) = manual integration (+) = signals summed

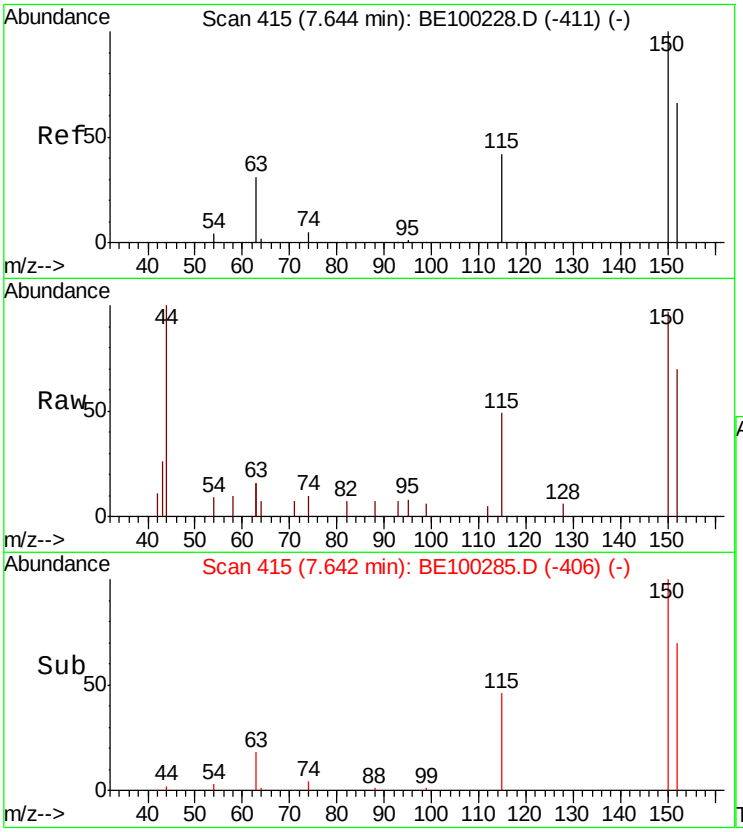
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100285.D
Acq On : 2 Jul 2019 4:10
Operator : JU/SJ
Sample : K3445-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Quant Time: Jul 02 07:00:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration



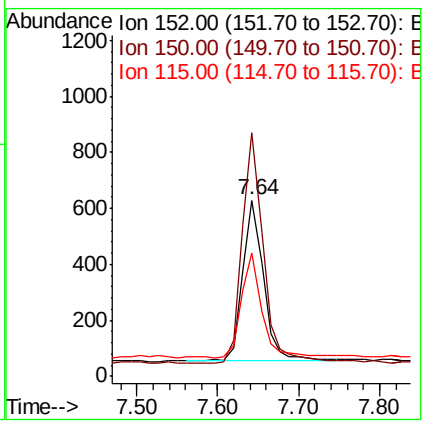


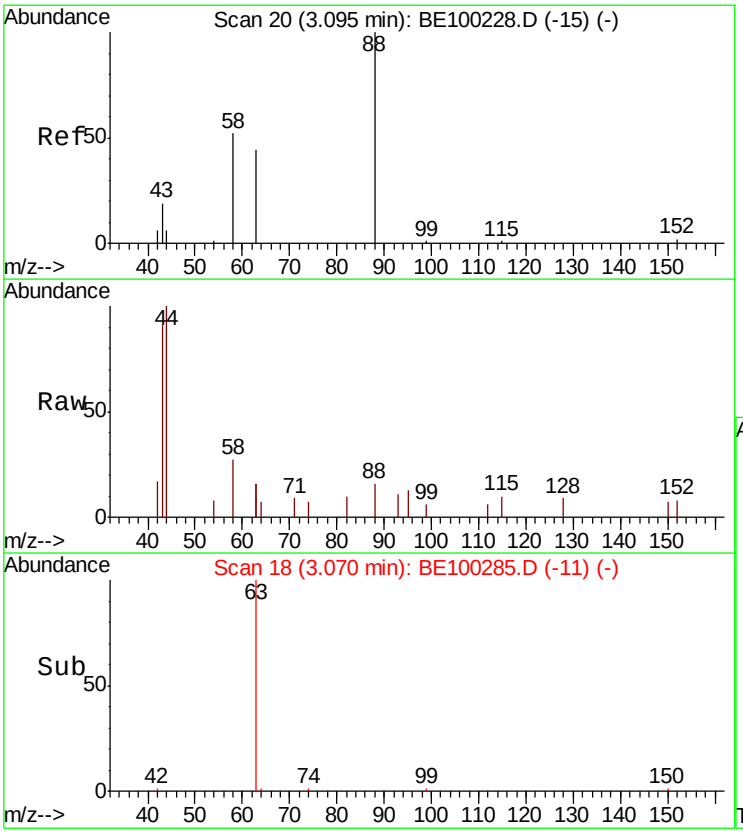
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion:152 Resp: 1036

Ion	Ratio	Lower	Upper
152	100		
150	138.3	114.5	171.7
115	70.3	57.1	85.7

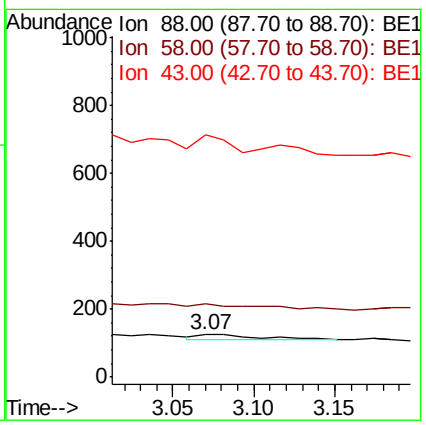


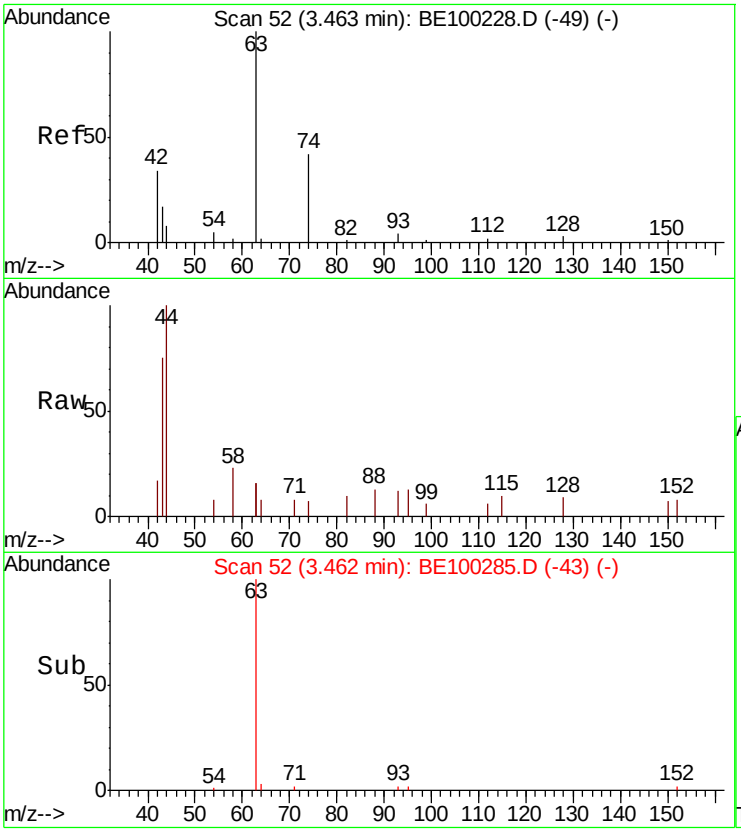


#2
1,4-Dioxane
Concen: 0.022 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.02 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion: 88 Resp: 36

Ion	Ratio	Lower	Upper
88	100		
58	0.0	43.6	65.4#
43	116.7	21.4	32.0#



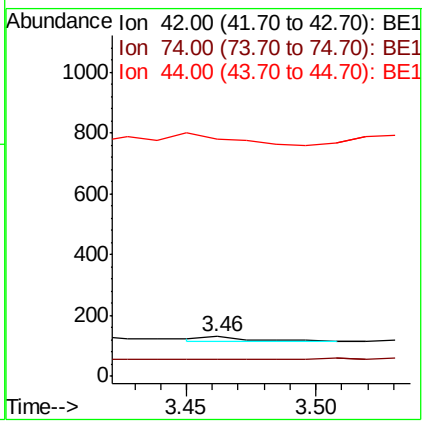


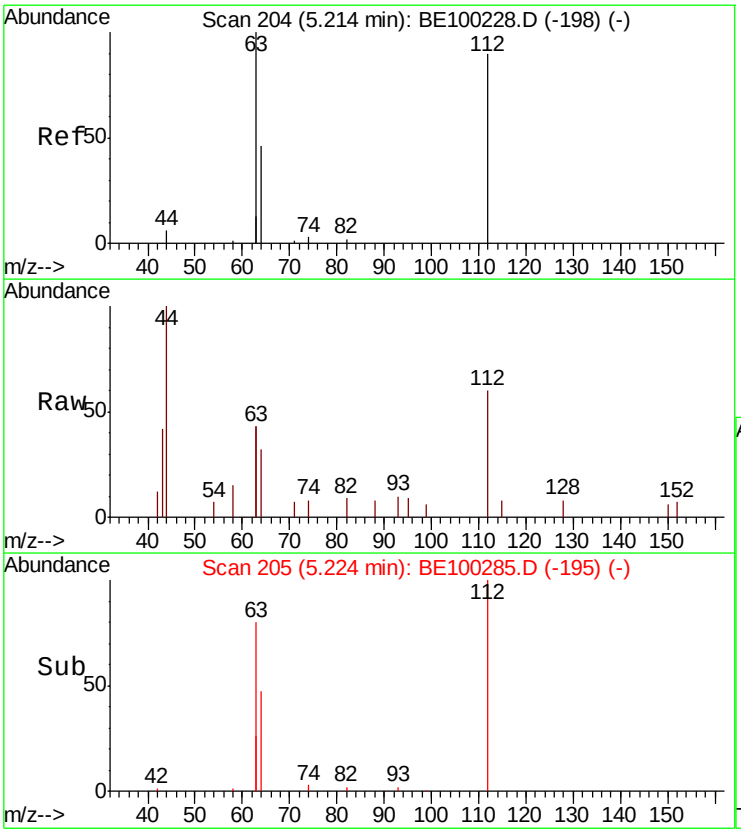
#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.46 min Scan# 52
Delta R.T. -0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion: 42 Resp: 21

Ion	Ratio	Lower	Upper
42	100		
74	14.3	130.6	196.0#
44	0.0	38.0	57.0#

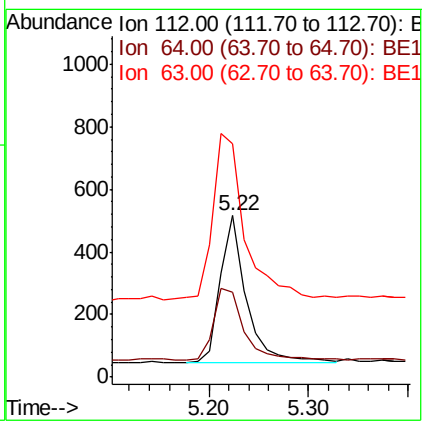


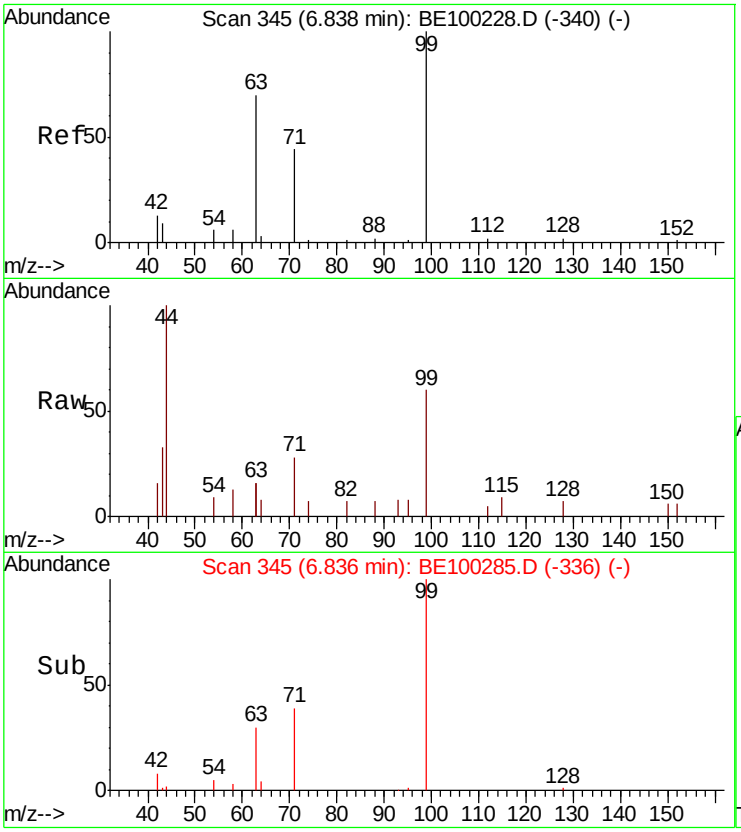


#4
2-Fluorophenol
Concen: 0.322 ng
RT: 5.22 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:112 Resp: 850

Ion	Ratio	Lower	Upper
112	100		
64	59.8	39.4	59.0#
63	141.6	104.5	156.7



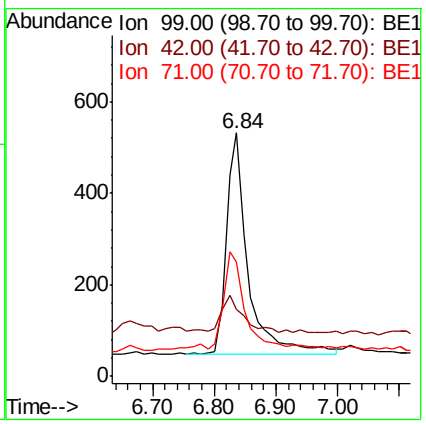


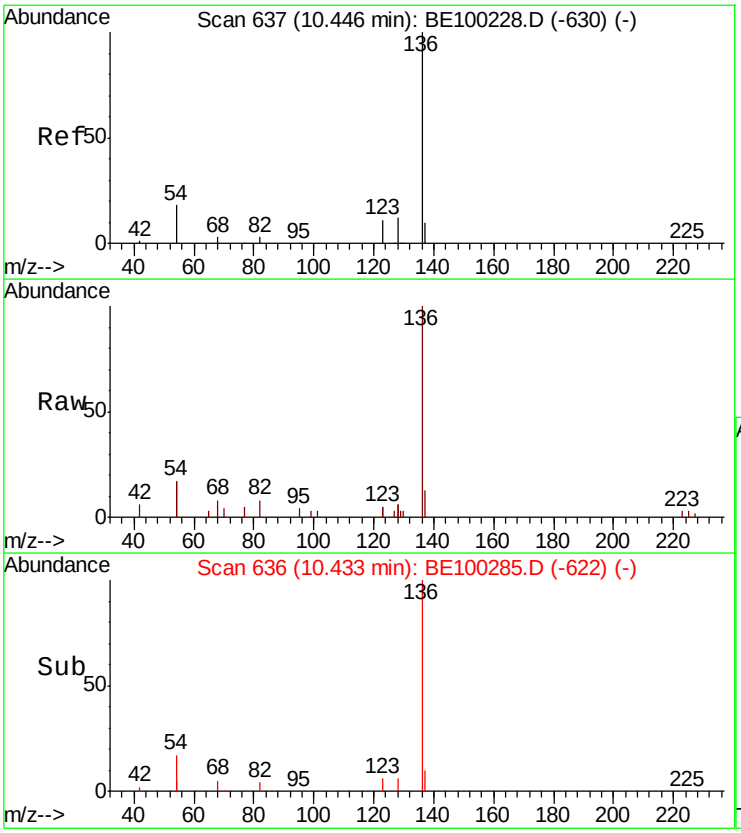
#5
Phenol-d6
Concen: 0.337 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion: 99 Resp: 1173

Ion	Ratio	Lower	Upper
99	100		
42	16.9	11.2	16.8#
71	40.5	37.2	55.8

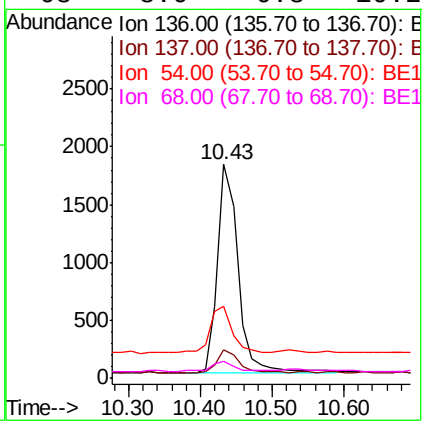


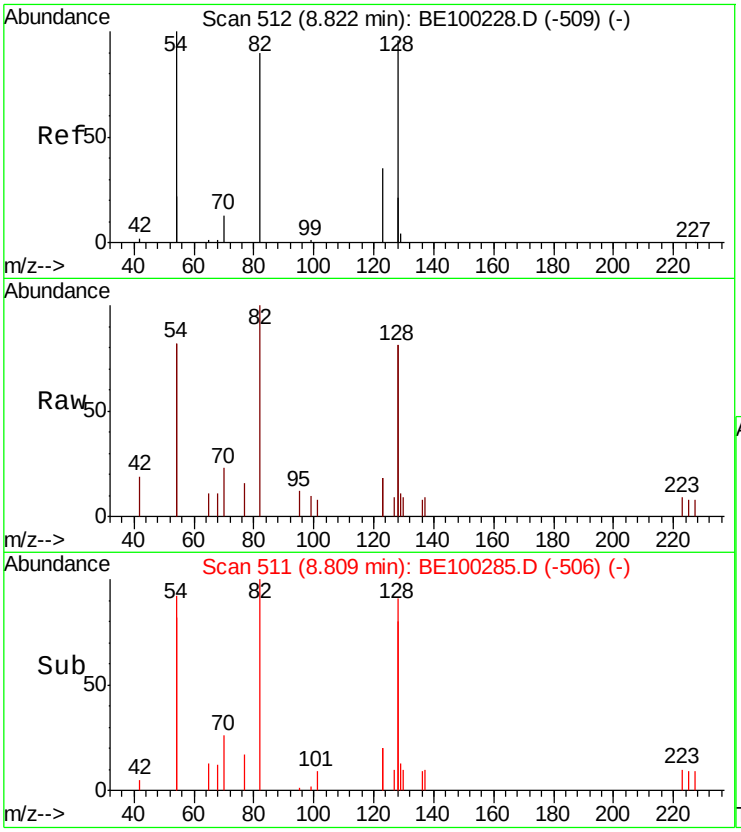


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:136 Resp: 3578

Ion	Ratio	Lower	Upper
136	100		
137	12.9	11.8	17.8
54	33.4	27.7	41.5
68	8.0	6.8	10.2



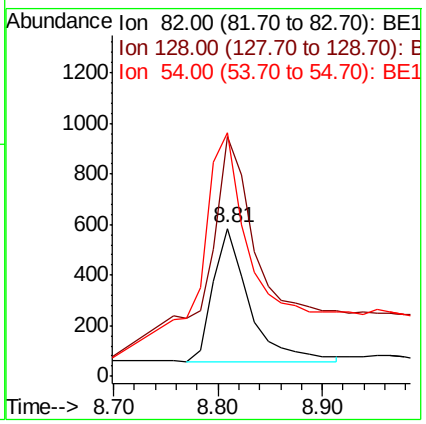


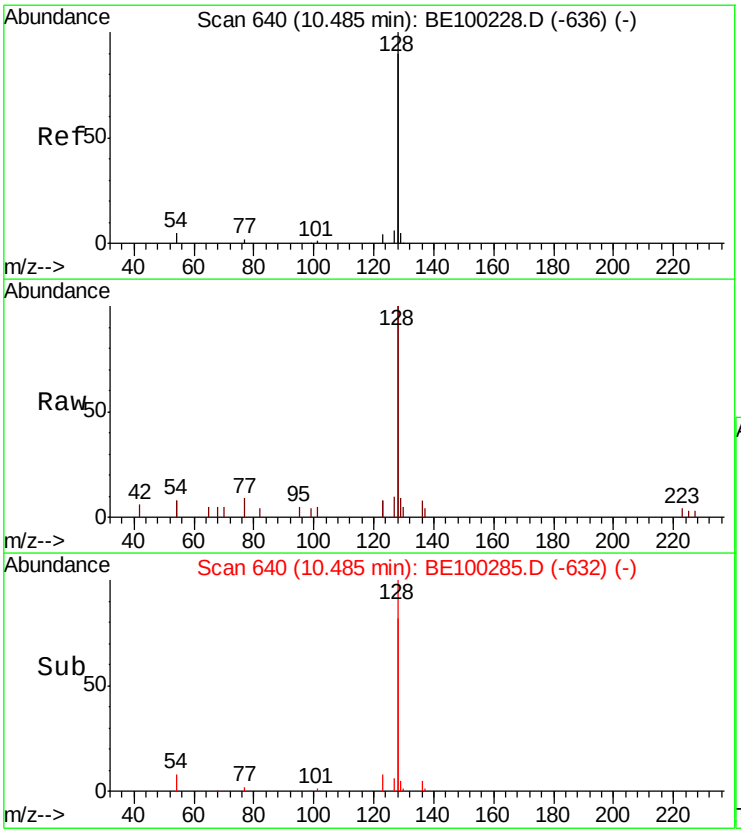
#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion: 82 Resp: 1261

Ion	Ratio	Lower	Upper
82	100		
128	162.0	140.9	211.3
54	164.7	146.2	219.2

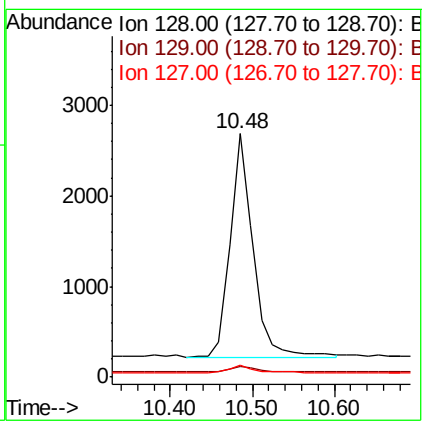


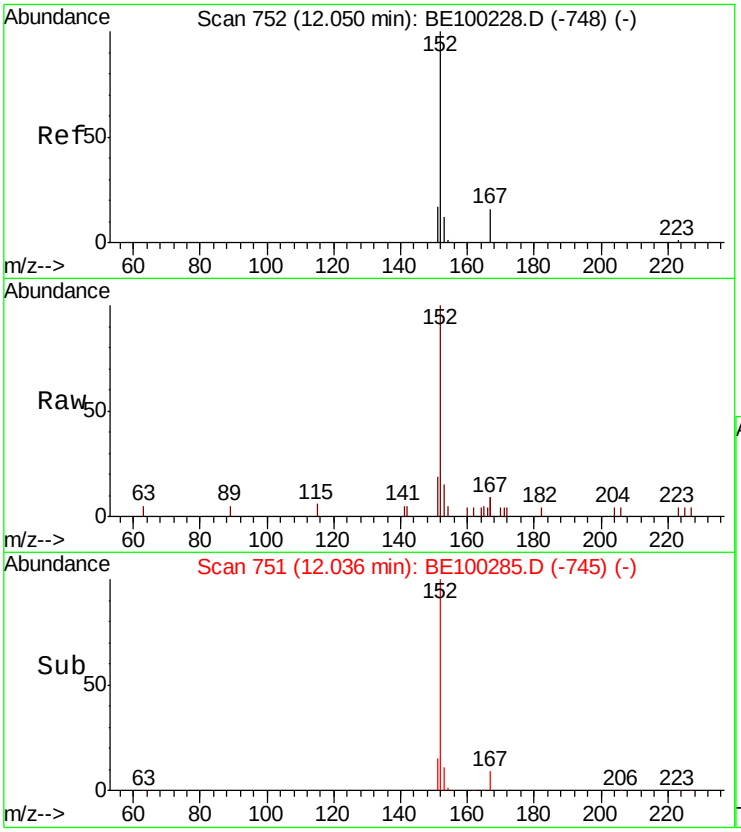


#9
Naphthalene
Concen: 0.121 ng
RT: 10.48 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:128 Resp: 4777

Ion	Ratio	Lower	Upper
128	100		
129	4.5	3.0	4.6
127	4.9	3.5	5.3



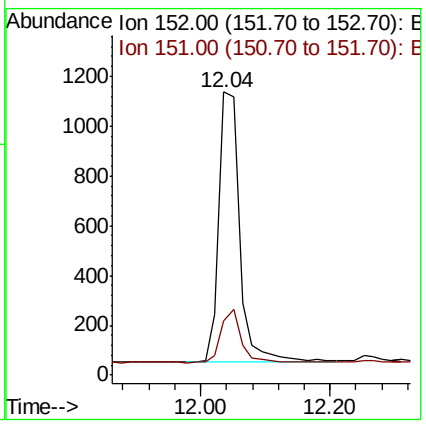


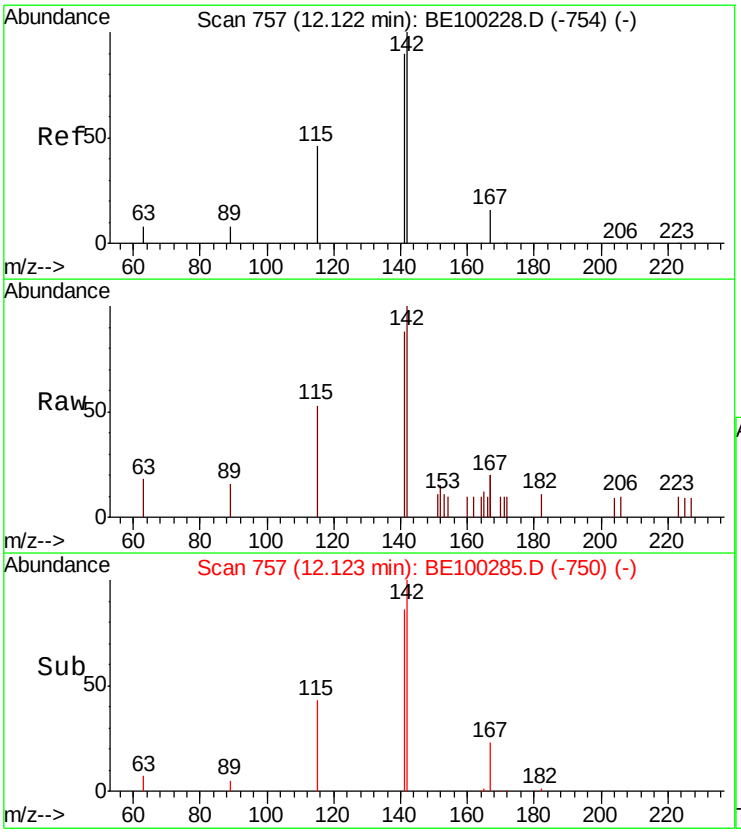
#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion:152 Resp: 2397

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.1	22.7

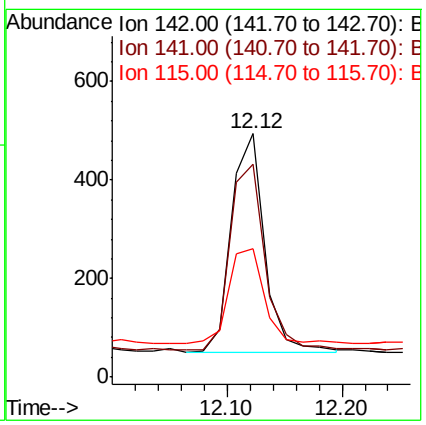


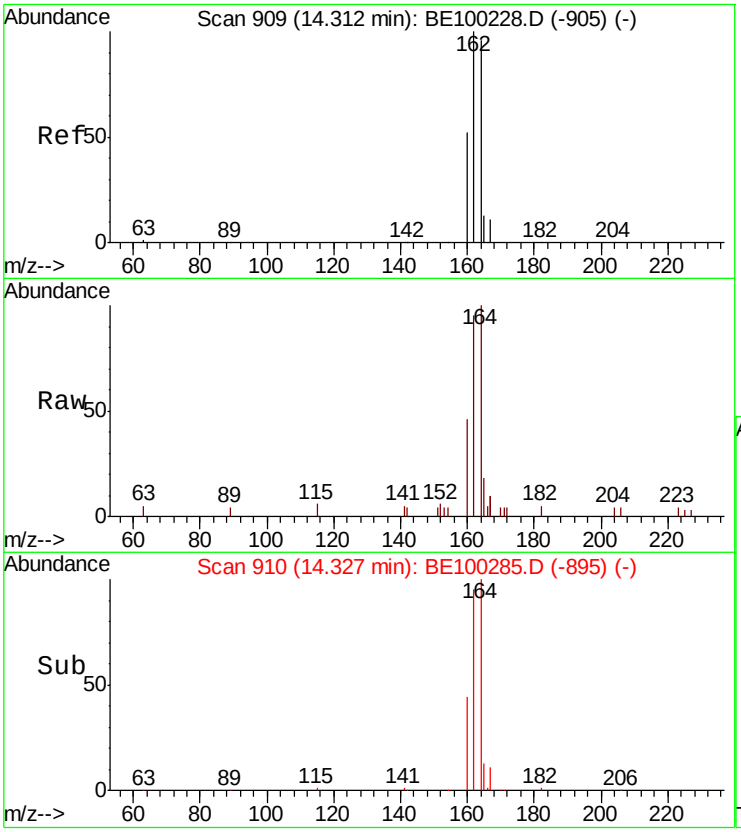


#12
2-Methylnaphthalene
Concen: 0.129 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:142 Resp: 892

Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.4	108.6
115	52.8	40.4	60.6



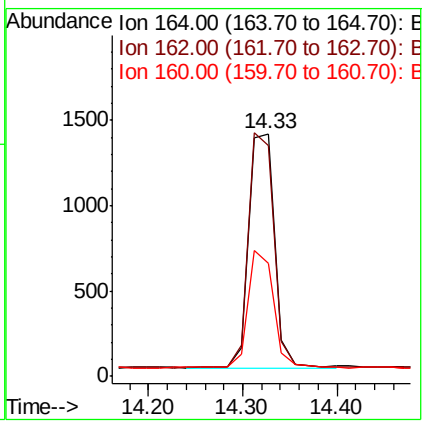


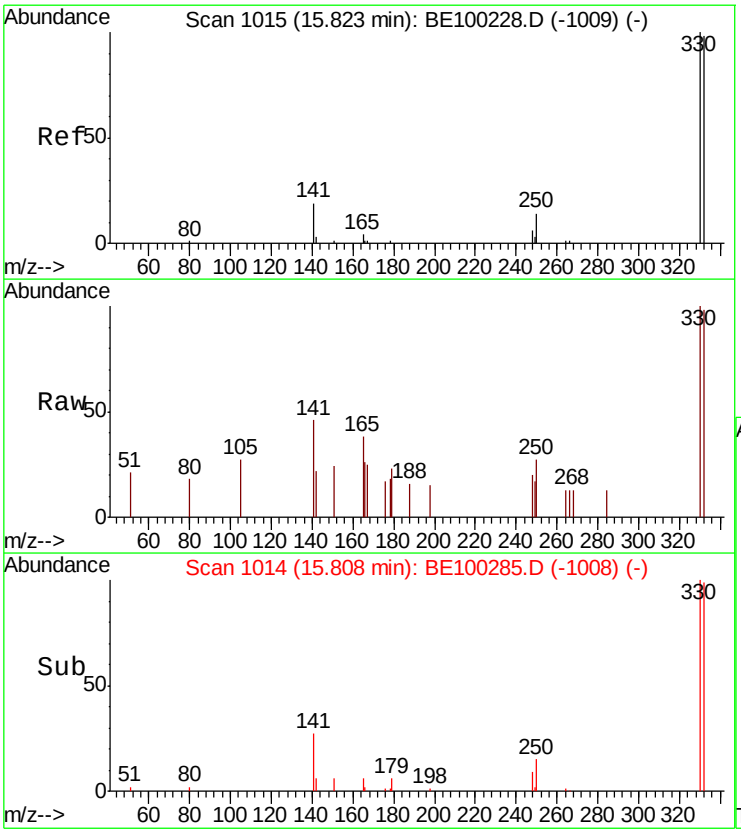
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. 0.01 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion:164 Resp: 2644

Ion	Ratio	Lower	Upper
164	100		
162	95.2	83.4	125.0
160	46.3	45.0	67.6

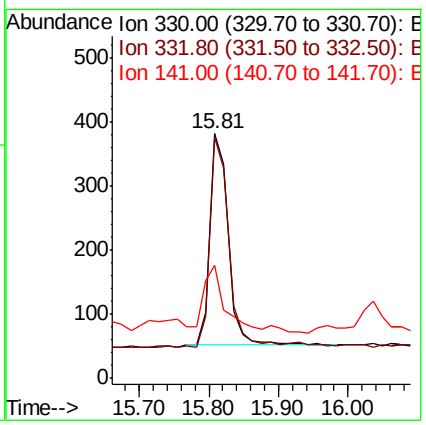


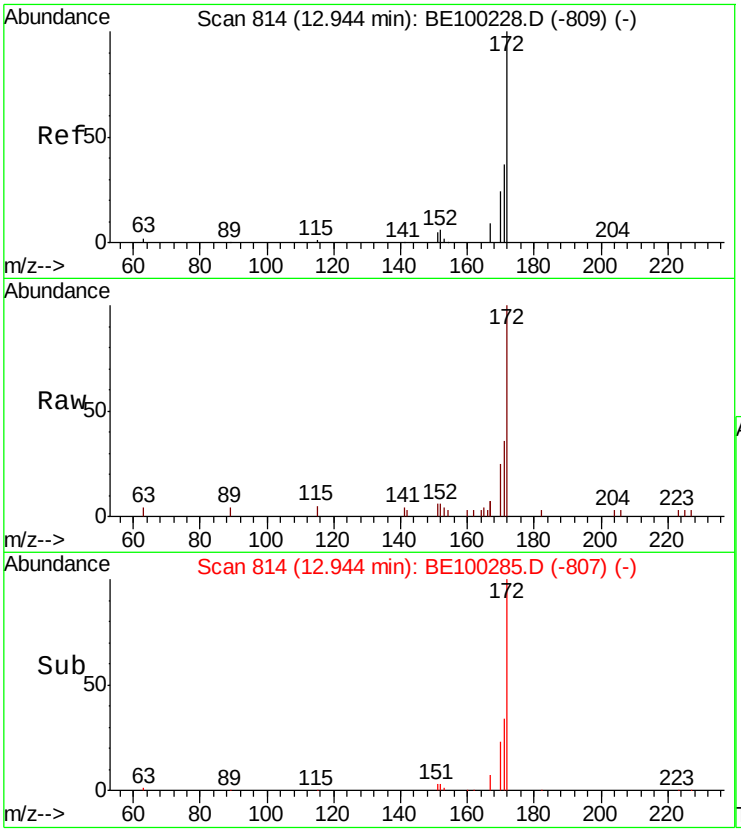


#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:330 Resp: 608

Ion	Ratio	Lower	Upper
330	100		
332	101.6	77.0	115.4
141	41.1	22.0	33.0#



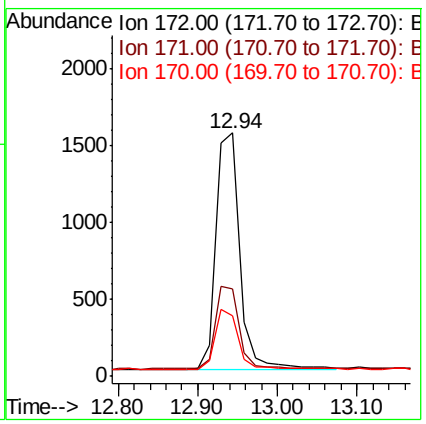


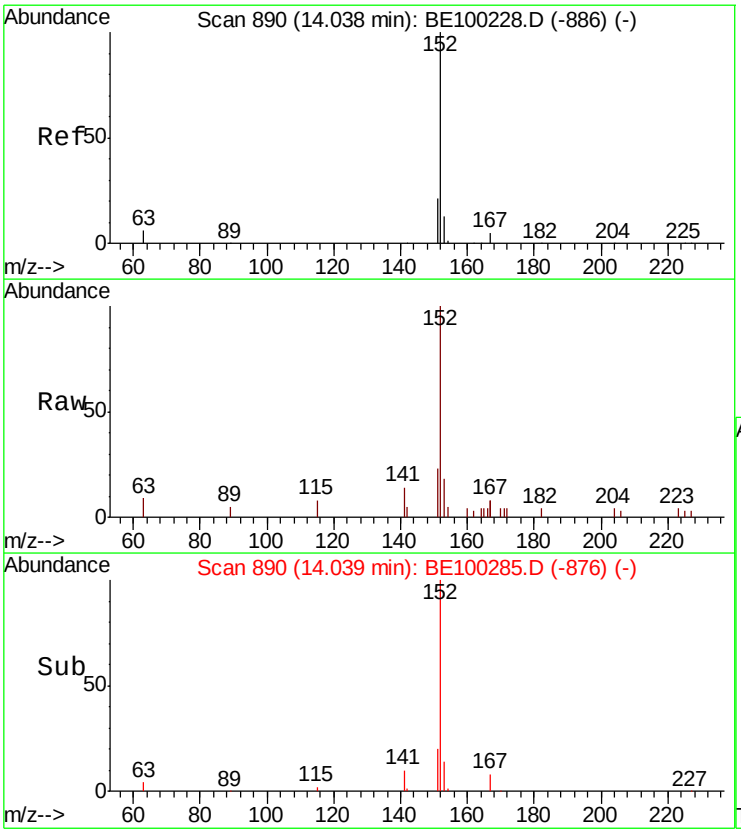
#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion:172 Resp: 3161

Ion	Ratio	Lower	Upper
172	100		
171	36.1	31.9	47.9
170	25.0	22.2	33.2

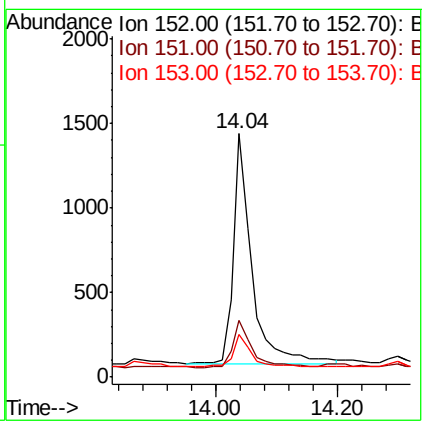


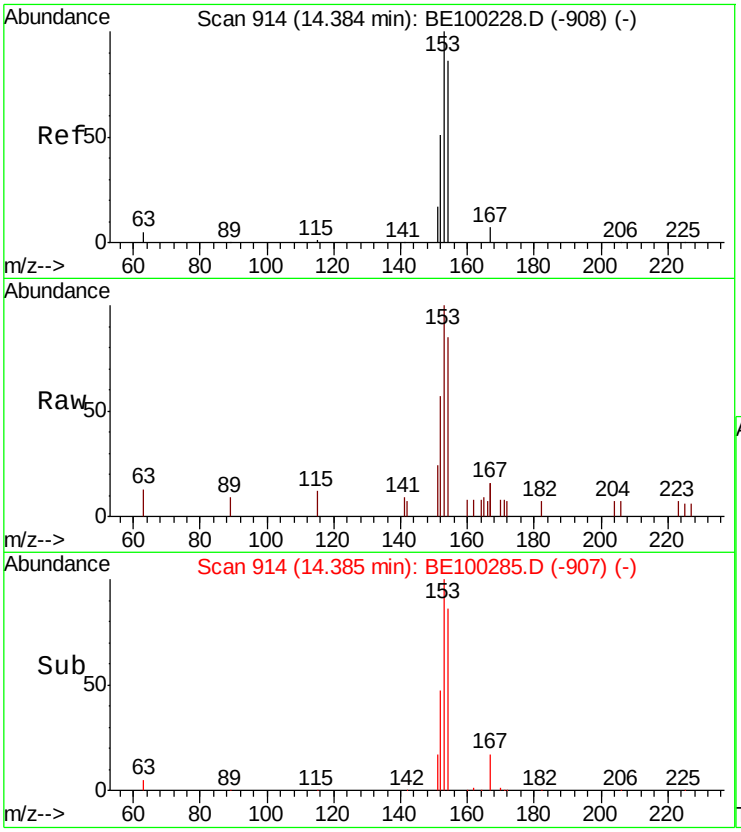


#16
Acenaphthylene
Concen: 0.228 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:152 Resp: 2891

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.6	25.0
153	13.7	10.5	15.7



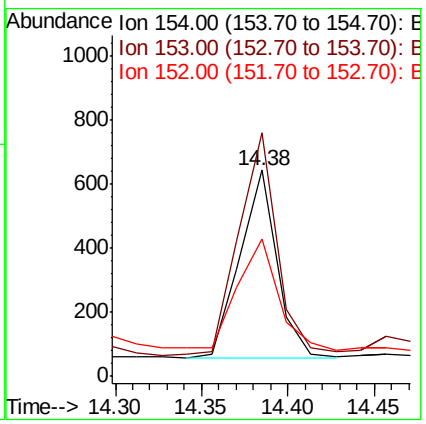


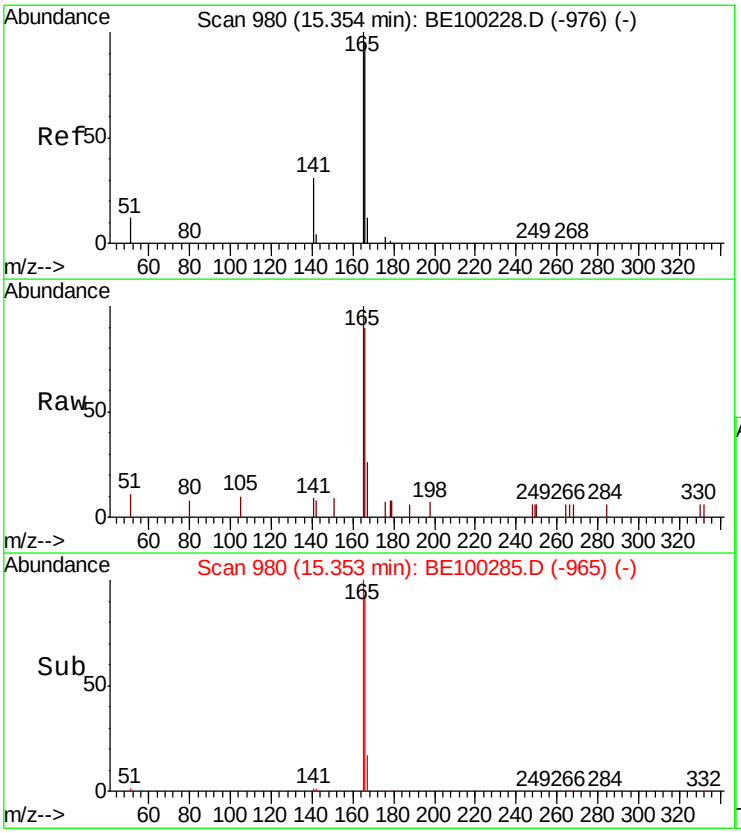
#17
Acenaphthene
Concen: 0.123 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion:154 Resp: 882

Ion	Ratio	Lower	Upper
154	100		
153	122.7	93.4	140.2
152	70.5	49.4	74.2

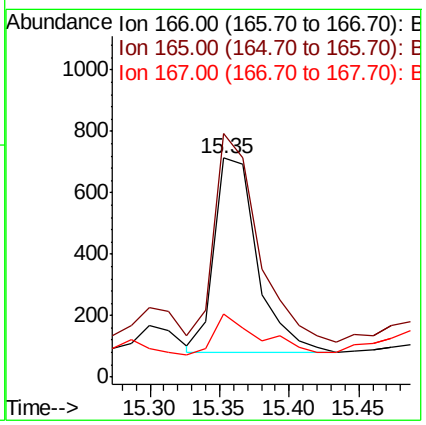


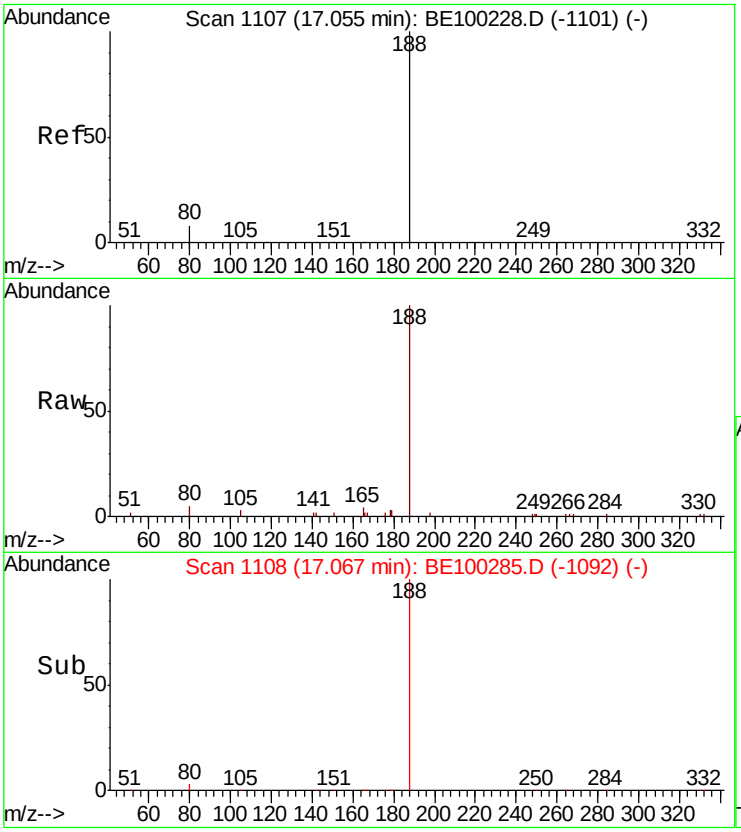


#18
Fluorene
Concen: 0.127 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:166 Resp: 1347

Ion	Ratio	Lower	Upper
166	100		
165	109.1	81.1	121.7
167	22.9	10.7	16.1#



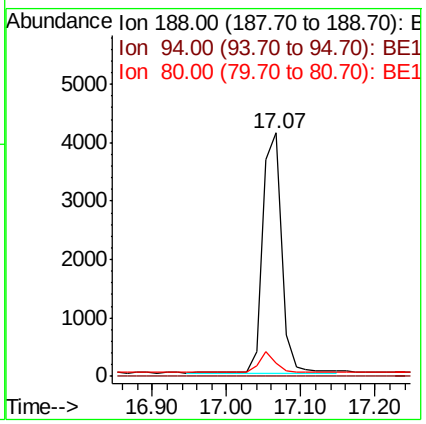


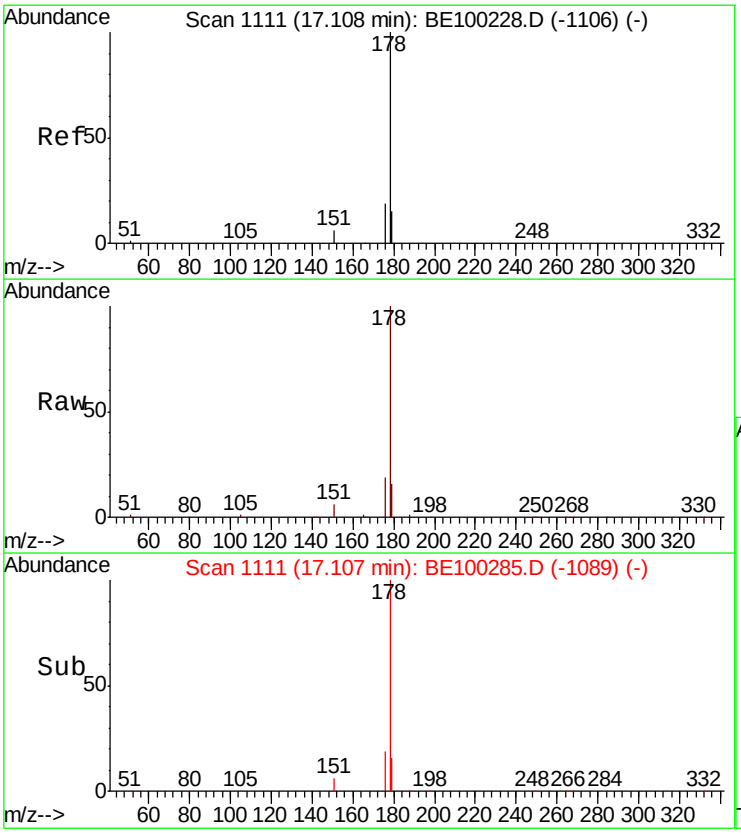
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion:188 Resp: 7252

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.2	7.6	11.4#

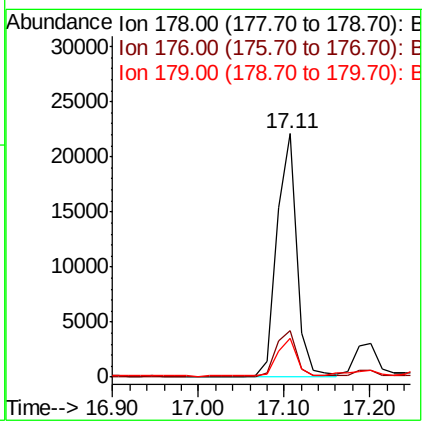


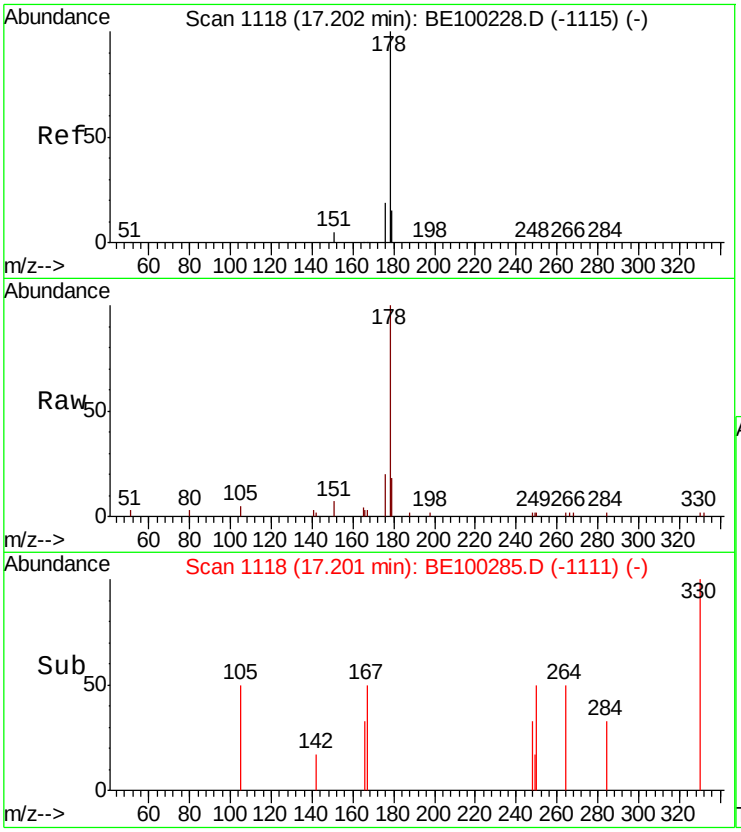


#23
Phenanthrene
Concen: 1.993 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:178 Resp: 35027

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.7	12.2	18.2



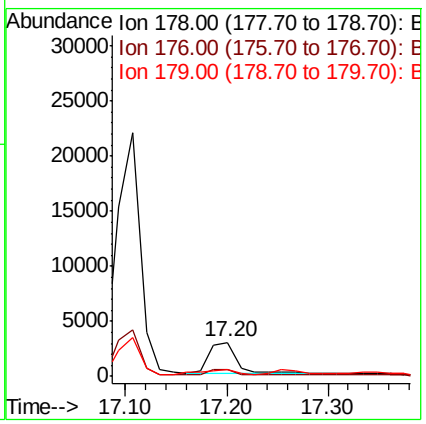


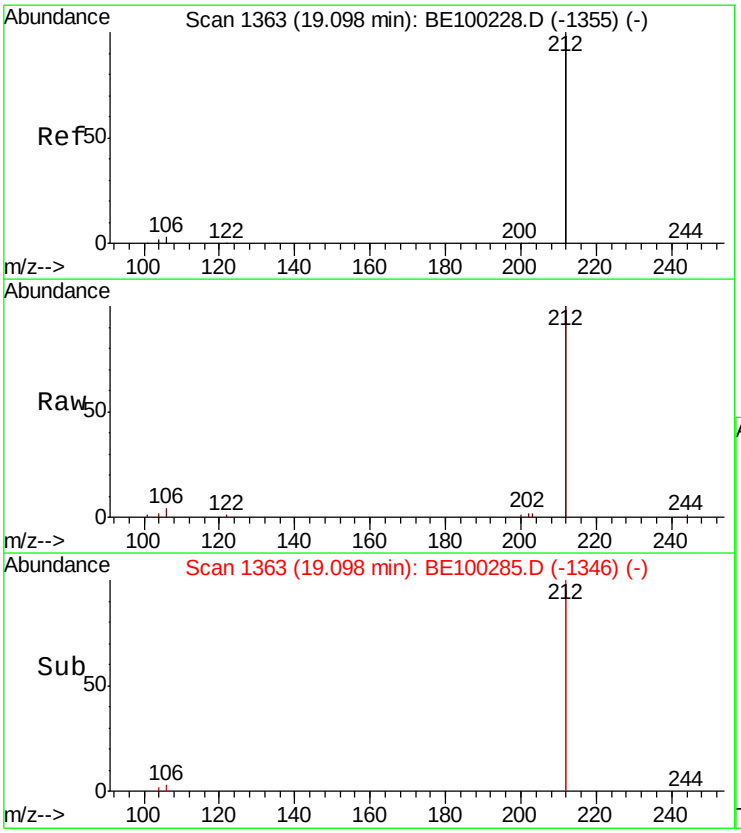
#24
Anthracene
Concen: 0.338 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion:178 Resp: 5344

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	16.9	12.2	18.2

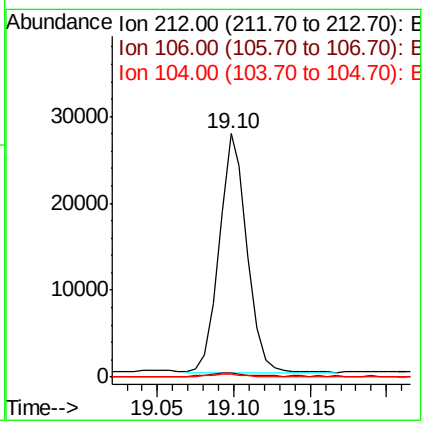


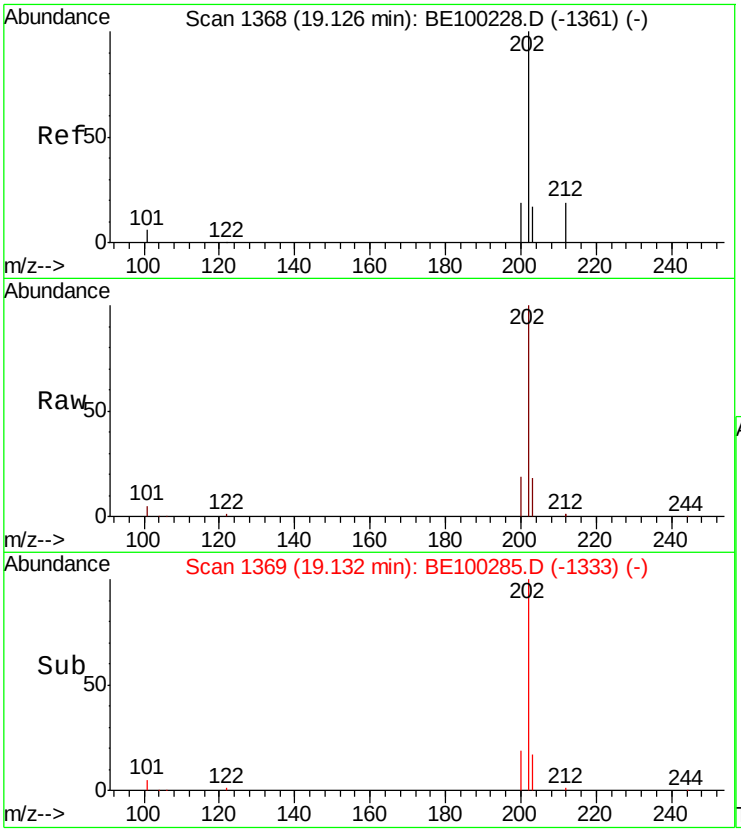


#25
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:212 Resp: 34751

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.3	1.9
104	1.0	0.8	1.2



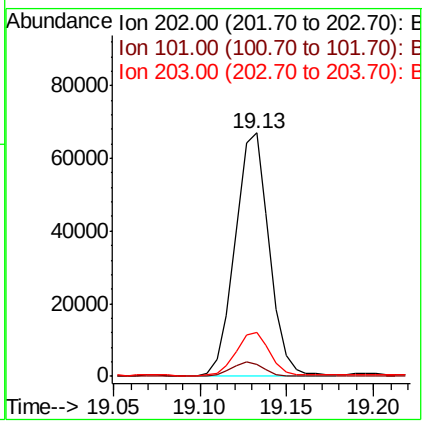


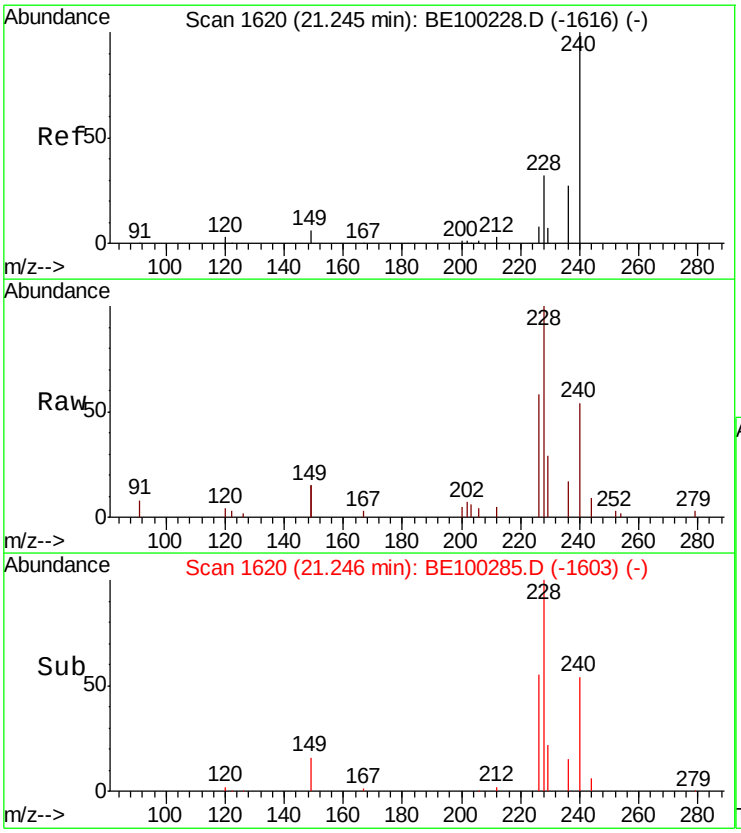
#26
Fluoranthene
Concen: 3.248 ng
RT: 19.13 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion:202 Resp: 90938

Ion	Ratio	Lower	Upper
202	100		
101	5.6	4.6	7.0
203	17.6	13.7	20.5

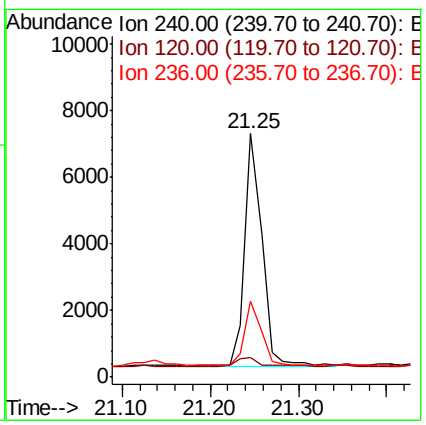


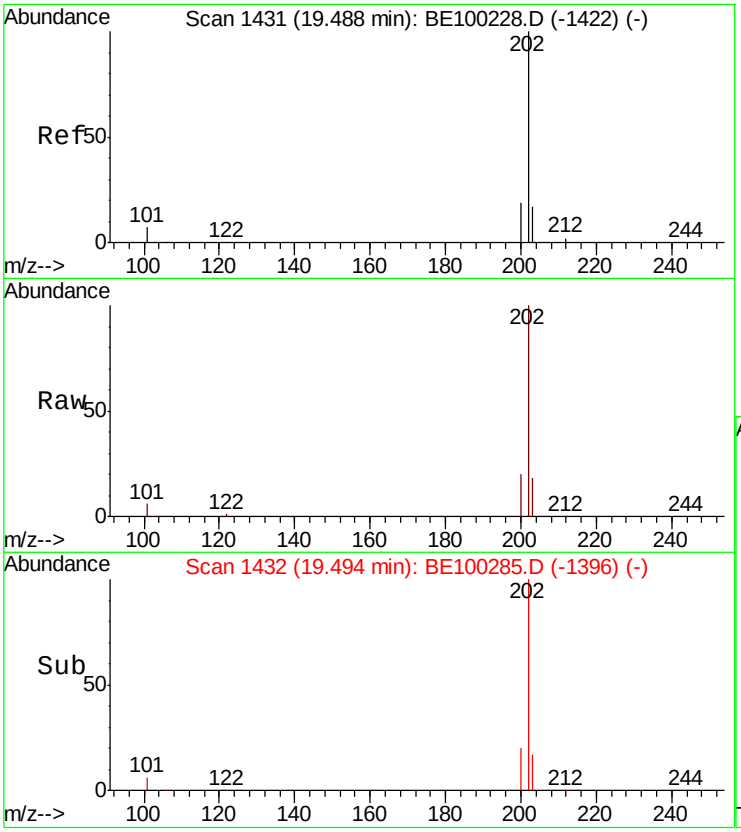


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:240 Resp: 9507

Ion	Ratio	Lower	Upper
240	100		
120	8.0	3.3	4.9#
236	31.2	22.6	34.0



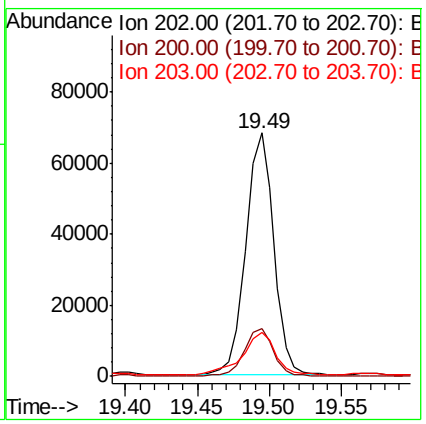


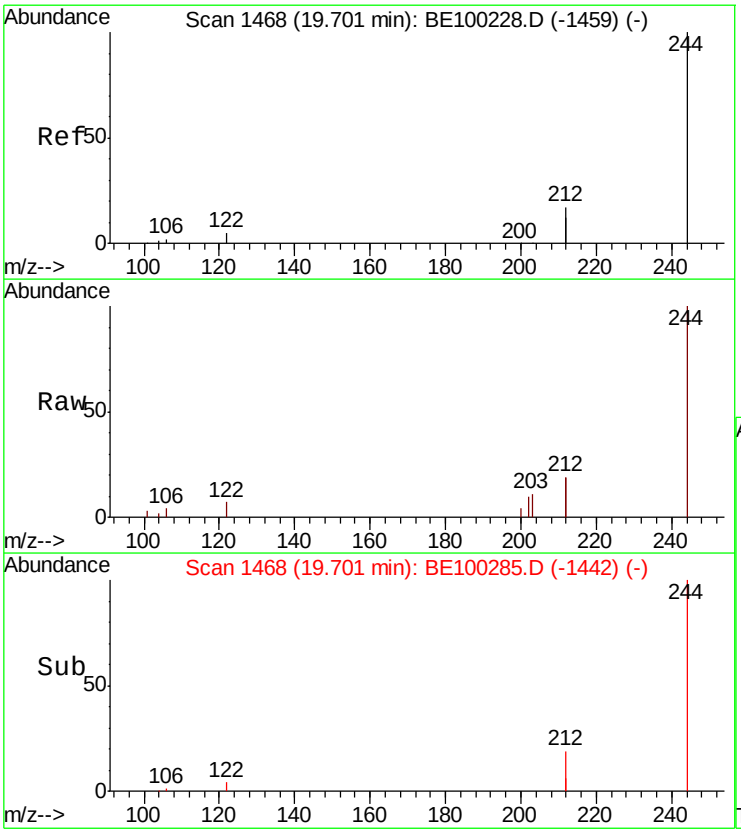
#28
Pyrene
Concen: 3.722 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion:202 Resp: 93671

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	21.0	14.0	21.0#

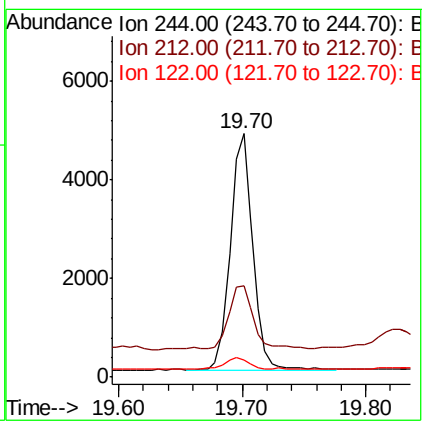


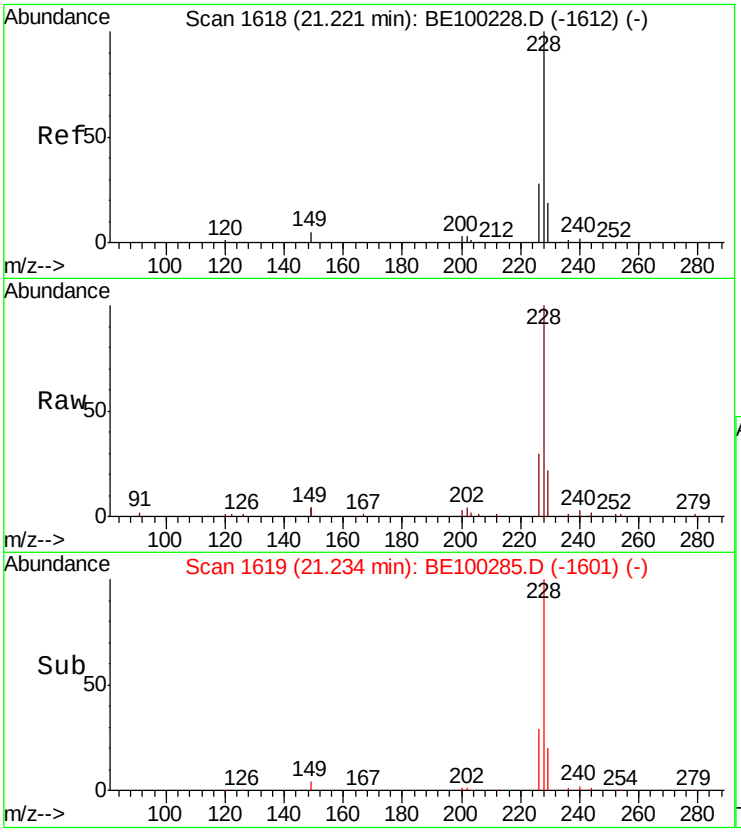


#29
Terphenyl-d14
Concen: 0.306 ng
RT: 19.70 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:244 Resp: 6034

Ion	Ratio	Lower	Upper
244	100		
212	37.5	27.3	40.9
122	7.2	4.7	7.1#



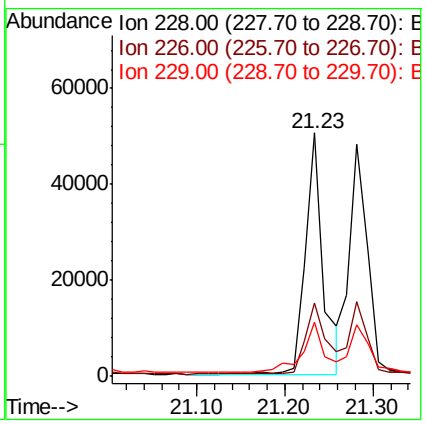


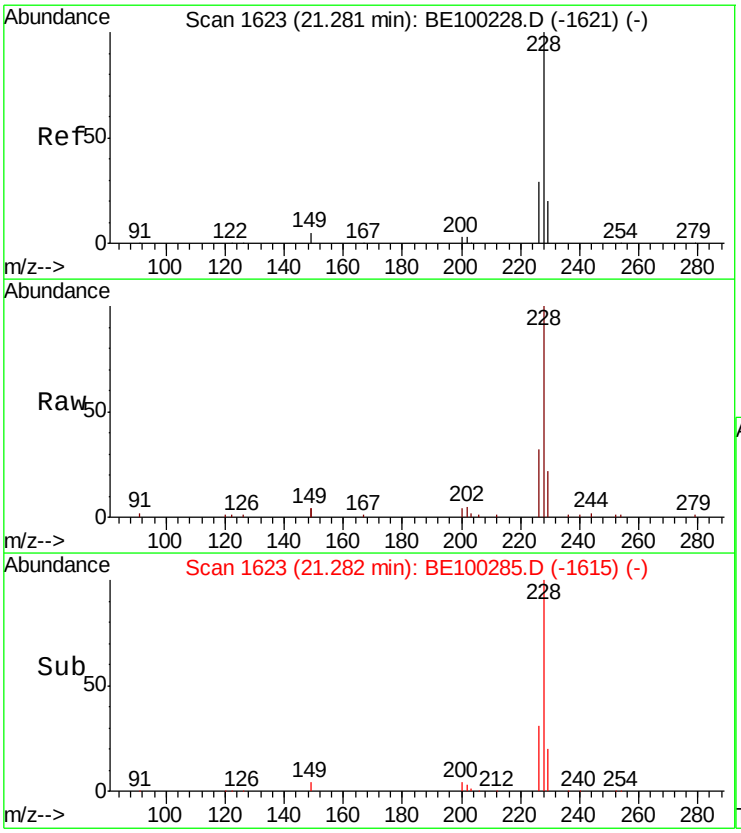
#30
Benzo(a)anthracene
Concen: 2.292 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion:228 Resp: 71647

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.2	34.8
229	22.0	15.7	23.5

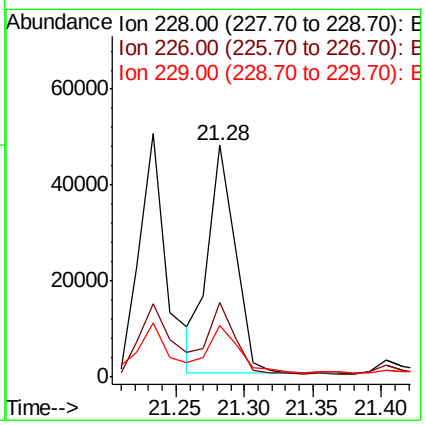


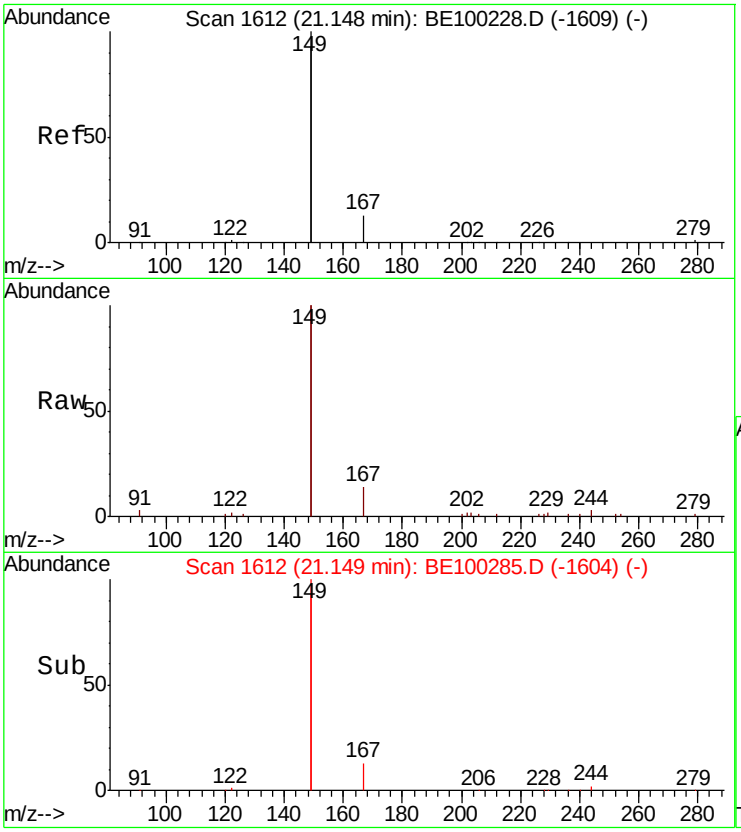


#31
Chrysene
Concen: 2.113 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:228 Resp: 66336

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.9	35.9
229	22.4	16.5	24.7



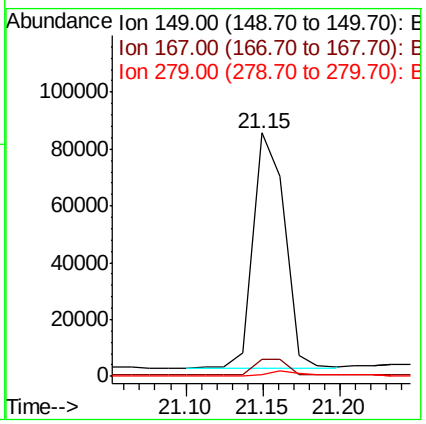


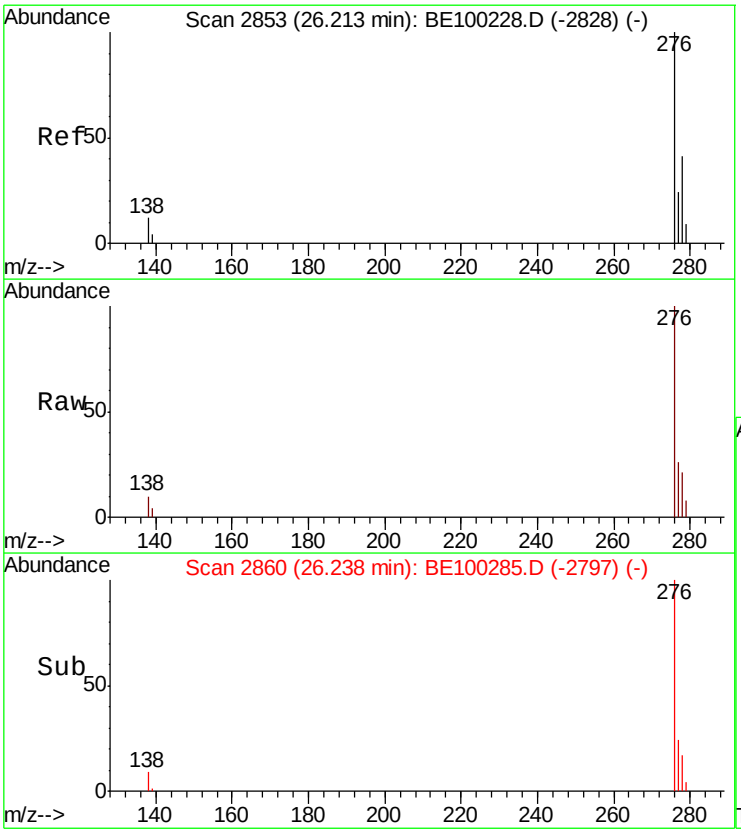
#32
Bis(2-ethylhexyl)phthalate
Concen: 2.602 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion:149 Resp: 117525

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.8
279	1.5	1.1	1.7

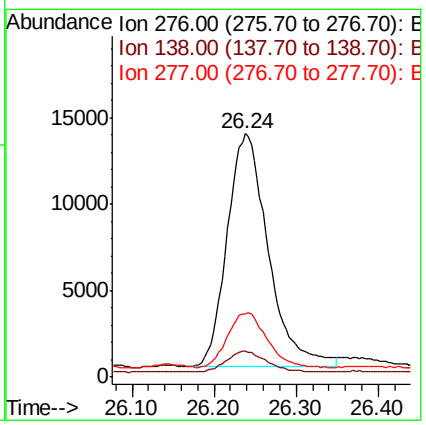


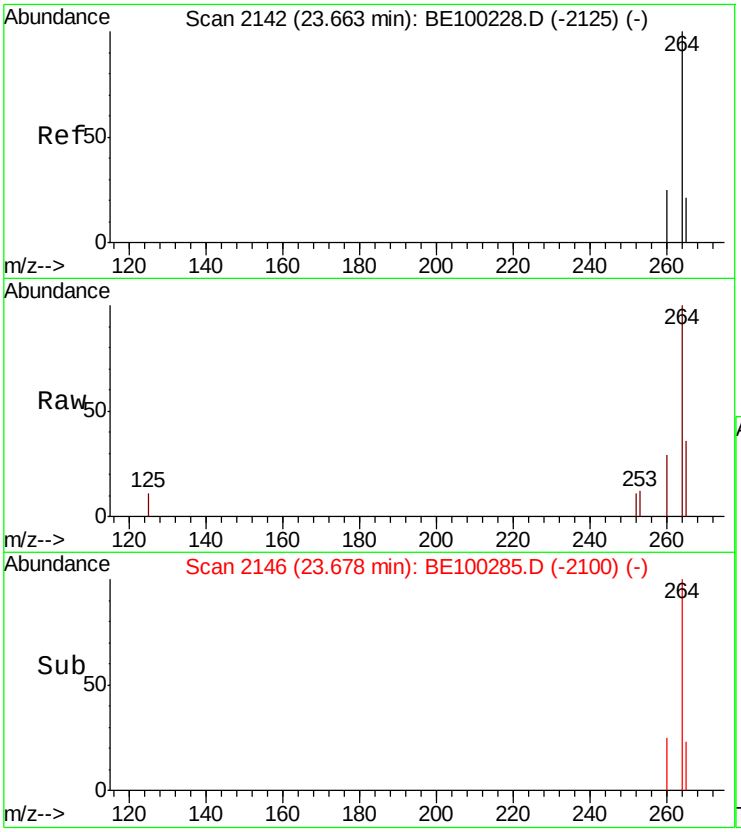


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.134 ng
RT: 26.24 min Scan# 2860
Delta R.T. 0.02 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:276 Resp: 47098

Ion	Ratio	Lower	Upper
276	100		
138	8.8	9.4	14.0#
277	22.6	19.2	28.8



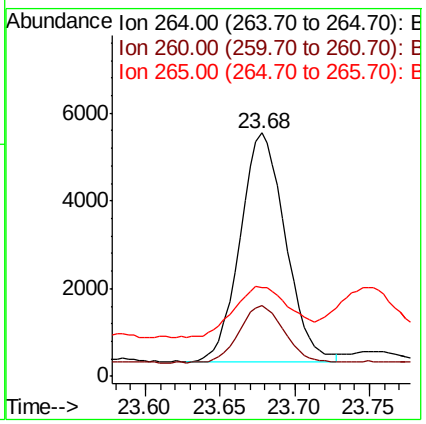


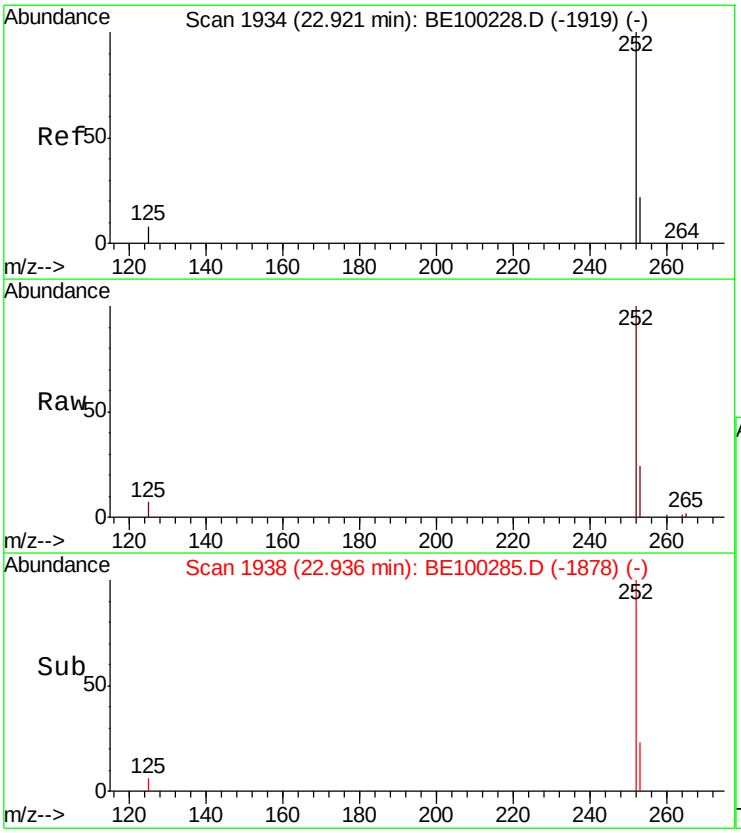
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion:264 Resp: 11000

Ion	Ratio	Lower	Upper
264	100		
260	29.0	20.8	31.2
265	36.4	21.8	32.6#

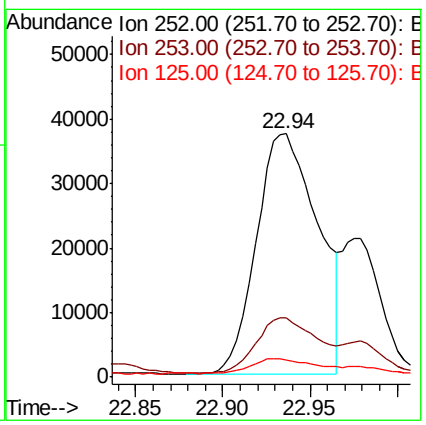


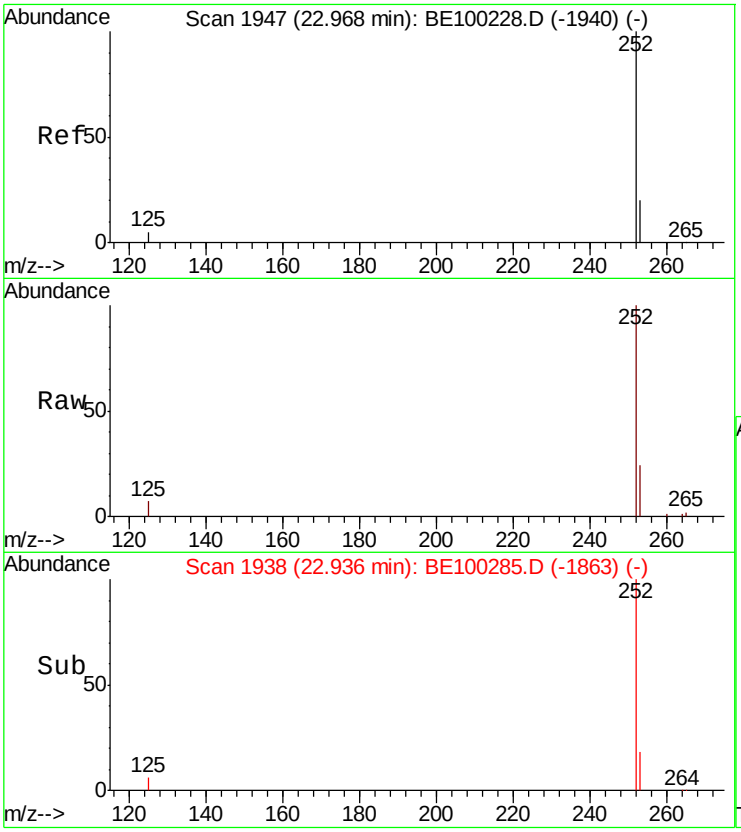


#35
Benzo(b)fluoranthene
Concen: 3.058 ng
RT: 22.94 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:252 Resp: 91213

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.2	28.8
125	7.2	7.4	11.0#



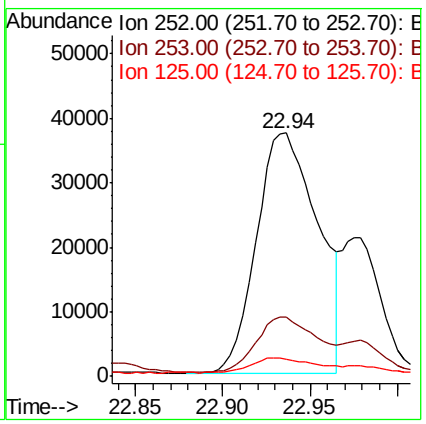


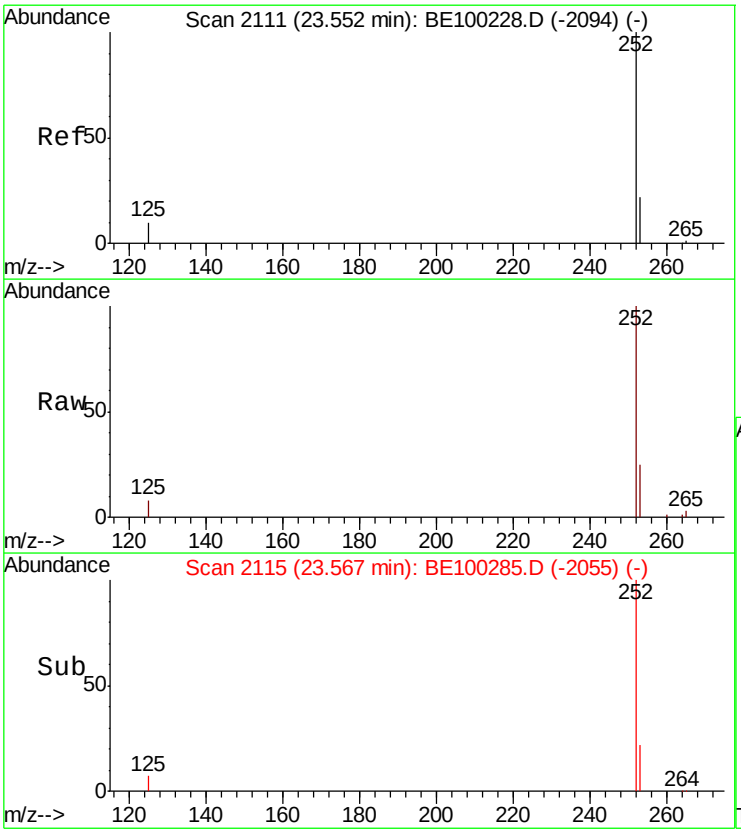
#36
Benzo(k)fluoranthene
Concen: 2.740 ng
RT: 22.94 min Scan# 1938
Delta R.T. -0.03 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion:252 Resp: 91213

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	7.2	5.0	7.4

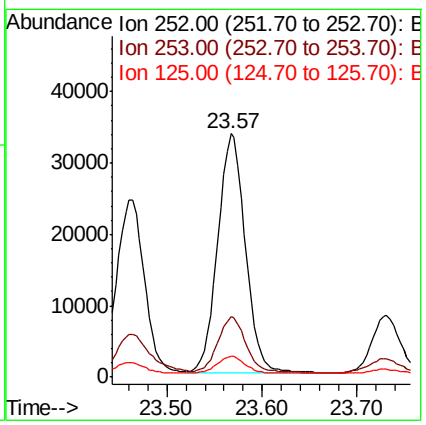


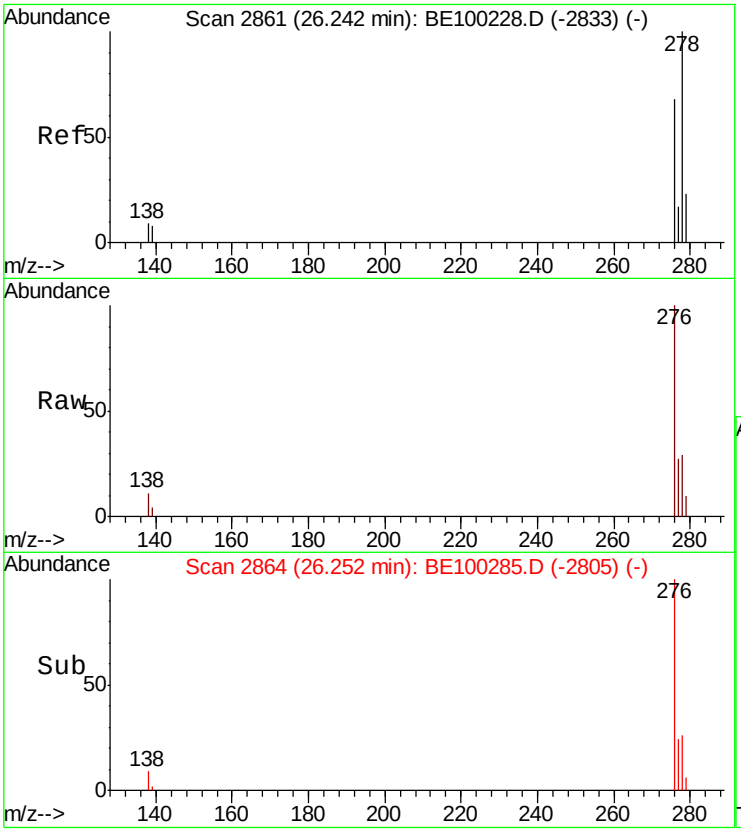


#37
Benzo(a)pyrene
Concen: 2.250 ng
RT: 23.57 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:252 Resp: 67260

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.6	29.4
125	8.4	9.0	13.6#



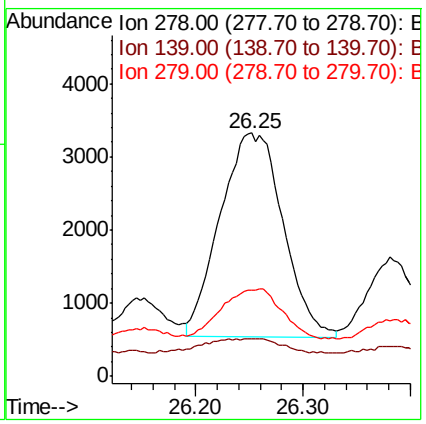


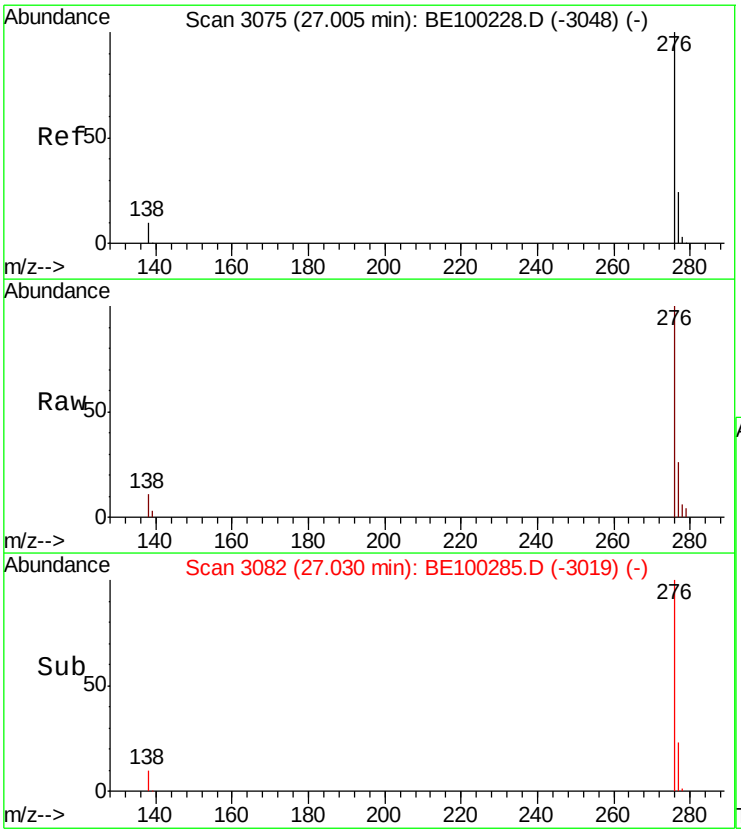
#38
Dibenzo(a,h)anthracene
Concen: 0.362 ng
RT: 26.25 min Scan# 2864
Delta R.T. 0.01 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW116-061719

Tgt Ion:278 Resp: 11314

Ion	Ratio	Lower	Upper
278	100		
139	15.3	8.2	12.2#
279	35.4	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 1.473 ng
RT: 27.03 min Scan# 3082
Delta R.T. 0.02 min
Lab File: BE100285.D
Acq: 2 Jul 2019 4:10

Tgt Ion:276 Resp: 47247

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.2	30.2
138	11.5	9.0	13.6