Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
Data File : BE100574.D
Acq On : 27 Sep 2019 15:53
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 27 18:04:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 27 17:54:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	3357	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	16731	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	10361	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	23926	0.40	ng		0.00
27) Chrysene-d12	21.38	240	28456	0.40	ng		0.01
34) Perylene-d12	23.85	264	32477	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	7537	0.96	ng		0.00
5) Phenol-d6	7.02	99	10231	0.95	ng		0.00
8) Nitrobenzene-d5	9.00	82	9056	0.94	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	19841	0.79	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	2194	1.31	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	27502	0.74	ng		0.00
25) Fluoranthene-d10	19.23	212	233086	0.82	ng		0.00
29) Terphenyl-d14	19.83	244	54420	0.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	4139	0.854	ng		93
3) n-Nitrosodimethylamine	3.66	42	2261	0.796	ng	#	100
6) bis(2-Chloroethyl)ether	7.28	93	8711	0.800	ng		96
9) Naphthalene	10.69	128	134527	0.776	ng		100
10) Hexachlorobutadiene	10.99	225	4041	0.728	ng		98
12) 2-Methylnaphthalene	12.31	142	22863	0.828	ng		99
16) Acenaphthylene	14.21	152	35396	0.830	ng		99
17) Acenaphthene	14.56	154	22591	0.784	ng		99
18) Fluorene	15.51	166	29497	0.819	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	8515	0.757	ng		95
21) Hexachlorobenzene	16.53	284	7145	0.729	ng		99
22) Pentachlorophenol	16.87	266	2191	0.980	ng		91
23) Phenanthrene	17.26	178	52047	0.781	ng		100
24) Anthracene	17.35	178	46220	0.824	ng		100
26) Fluoranthene	19.27	202	64925	0.808	ng		99
28) Pyrene	19.62	202	65772	0.803	ng		99
30) Benzo(a)anthracene	21.35	228	63562	0.836	ng		100
31) Chrysene	21.40	228	65424	0.755	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	153717	1.876	ng		100
33) Indeno(1,2,3-cd)pyrene	26.47	276	80914	0.840	ng		98
35) Benzo(b)fluoranthene	23.09	252	67037	0.763	ng		99
36) Benzo(k)fluoranthene	23.14	252	73827	0.726	ng	#	96
37) Benzo(a)pyrene	23.74	252	64345	0.785	ng		98
38) Dibenzo(a,h)anthracene	26.49	278	66509	0.779	ng		99
39) Benzo(g,h,i)perylene	27.27	276	67134	0.753	ng		98

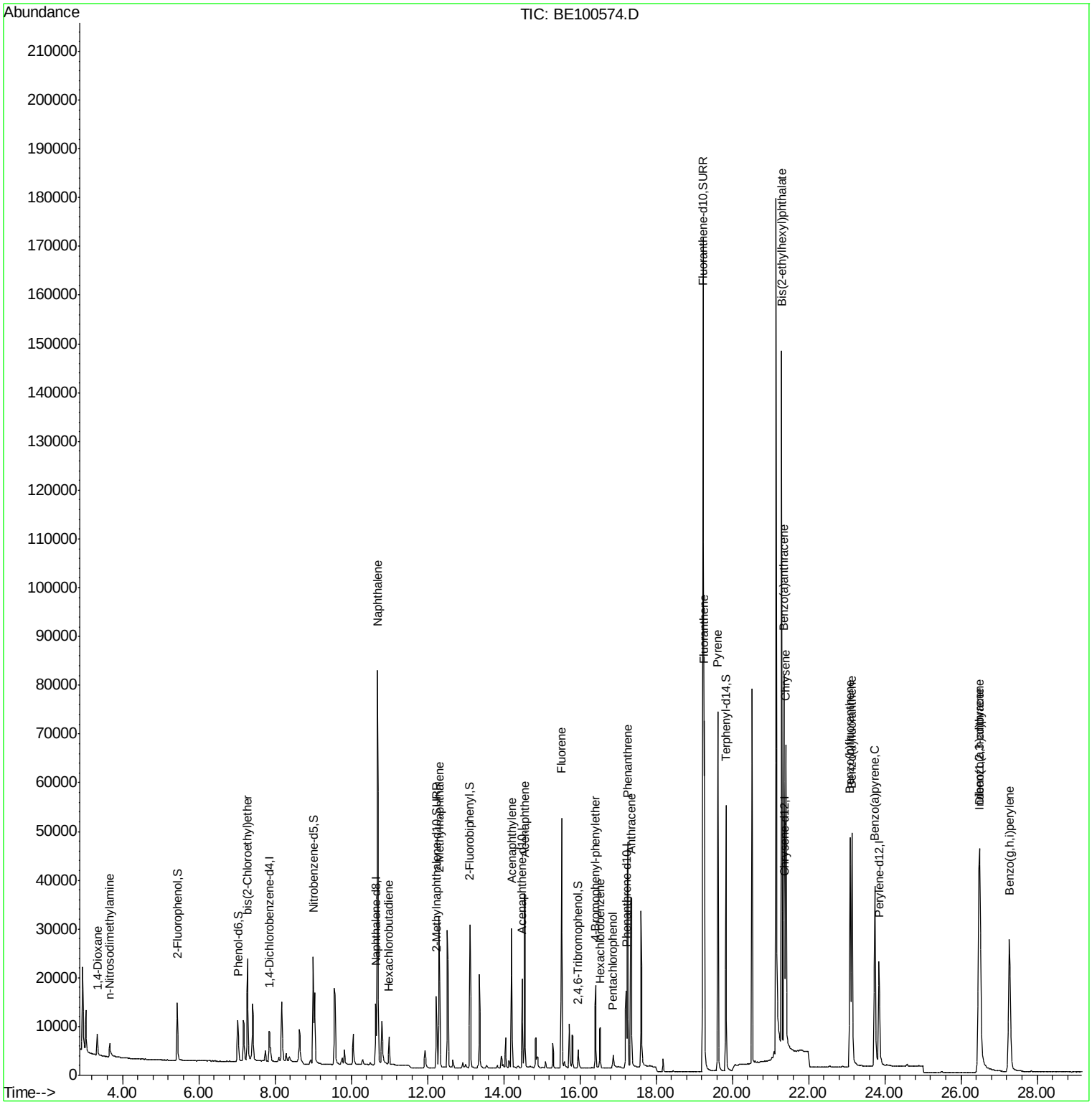
(#) = qualifier out of range (m) = manual integration (+) = signals summed

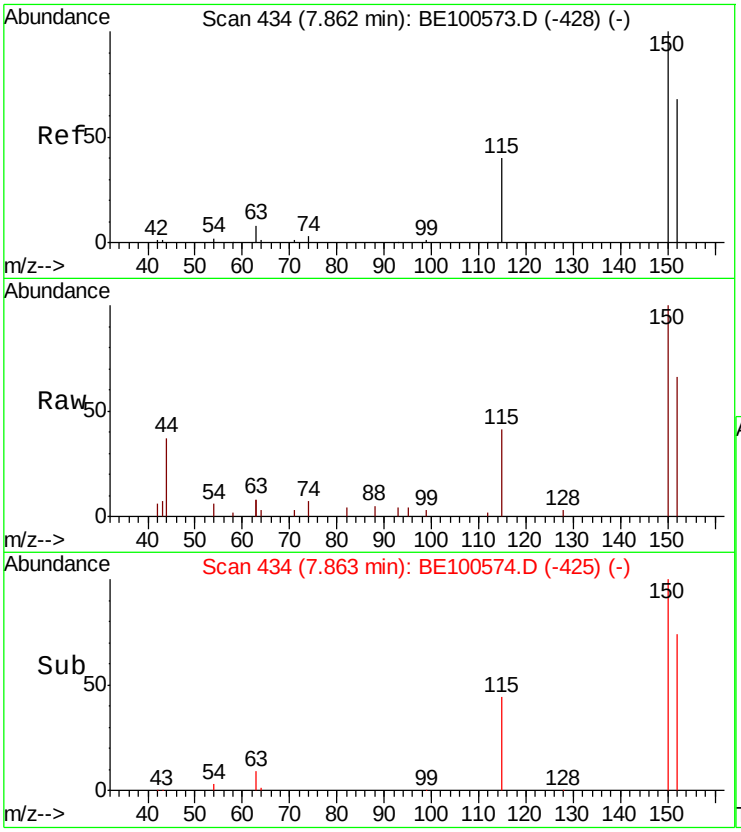
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
Data File : BE100574.D
Acq On : 27 Sep 2019 15:53
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 27 18:04:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 27 17:54:33 2019
Response via : Initial Calibration



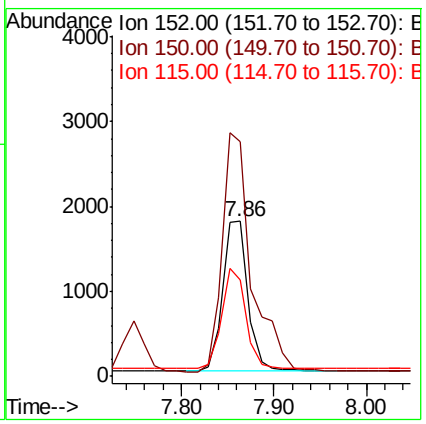


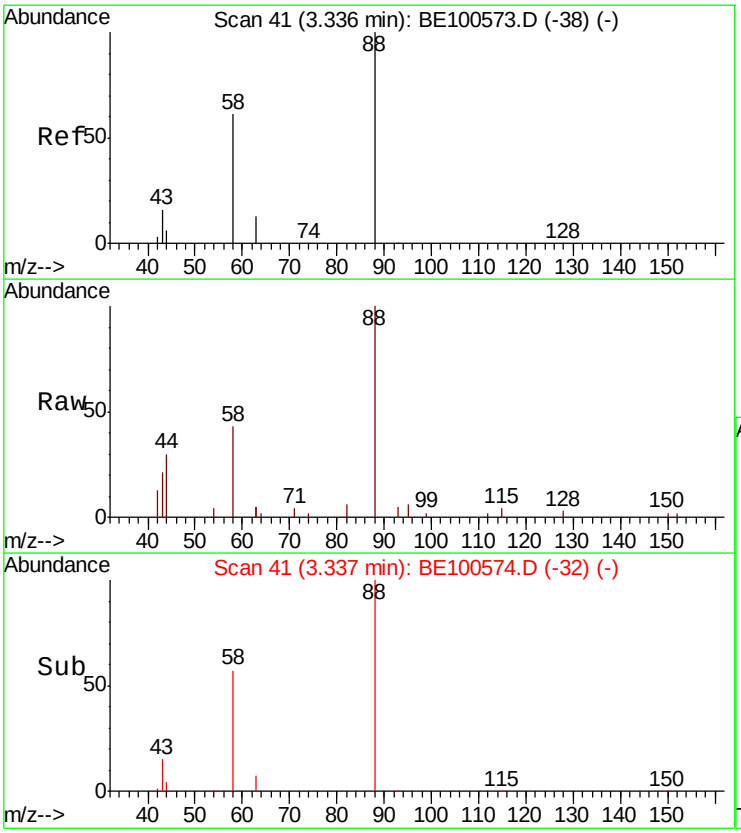
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3357

Ion	Ratio	Lower	Upper
152	100		
150	151.2	116.9	175.3
115	62.0	50.2	75.4

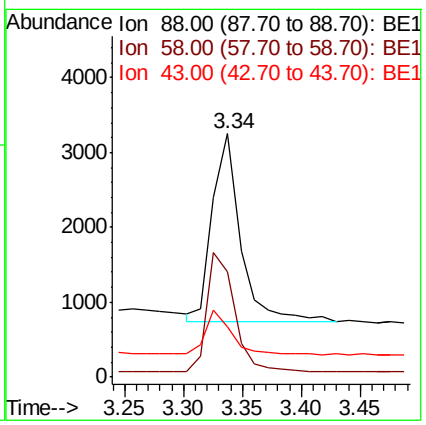


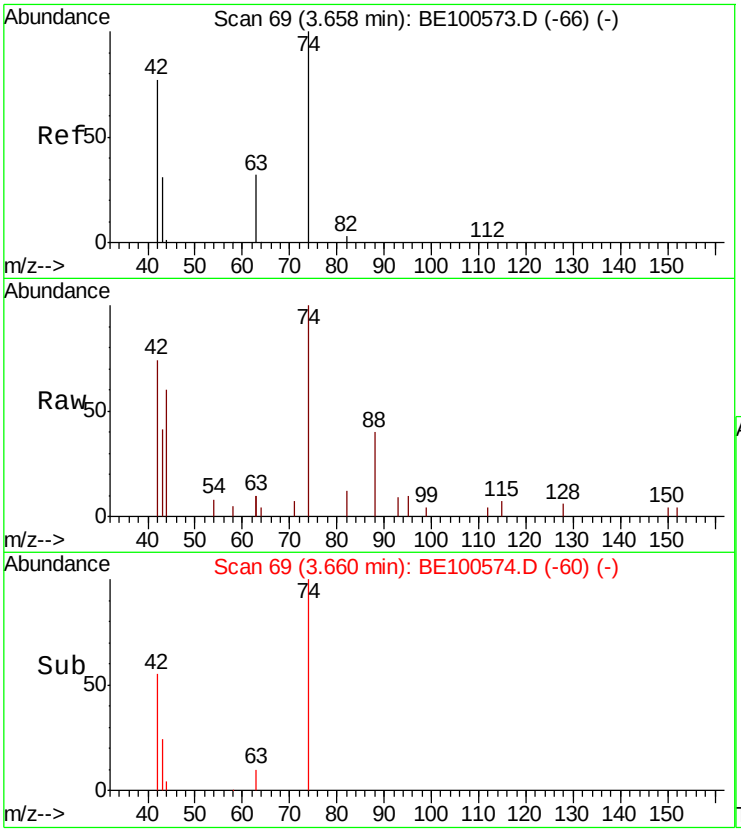


#2
1,4-Dioxane
Concen: 0.854 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion: 88 Resp: 4139

Ion	Ratio	Lower	Upper
88	100		
58	63.4	46.4	69.6
43	23.3	16.7	25.1



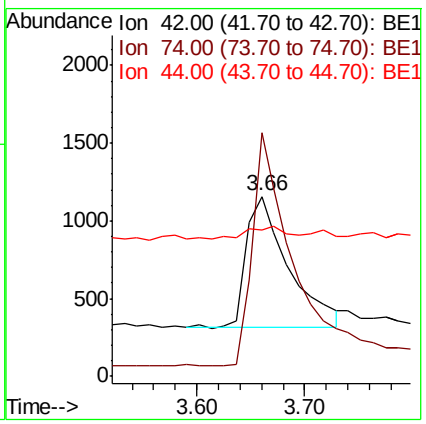


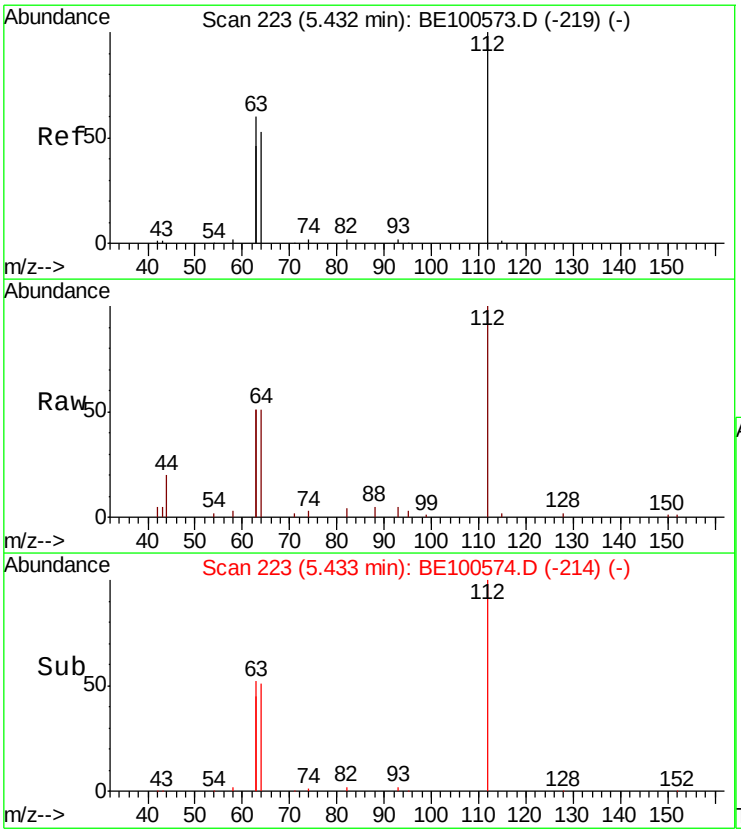
#3
n-Nitrosodimethylamine
Concen: 0.796 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2261

Ion	Ratio	Lower	Upper
42	100		
74	173.7	0.0	0.0#
44	8.6	0.0	0.0#

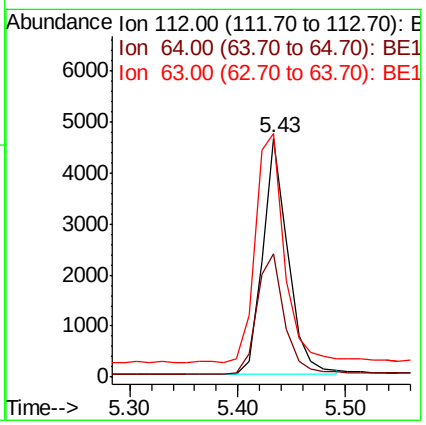


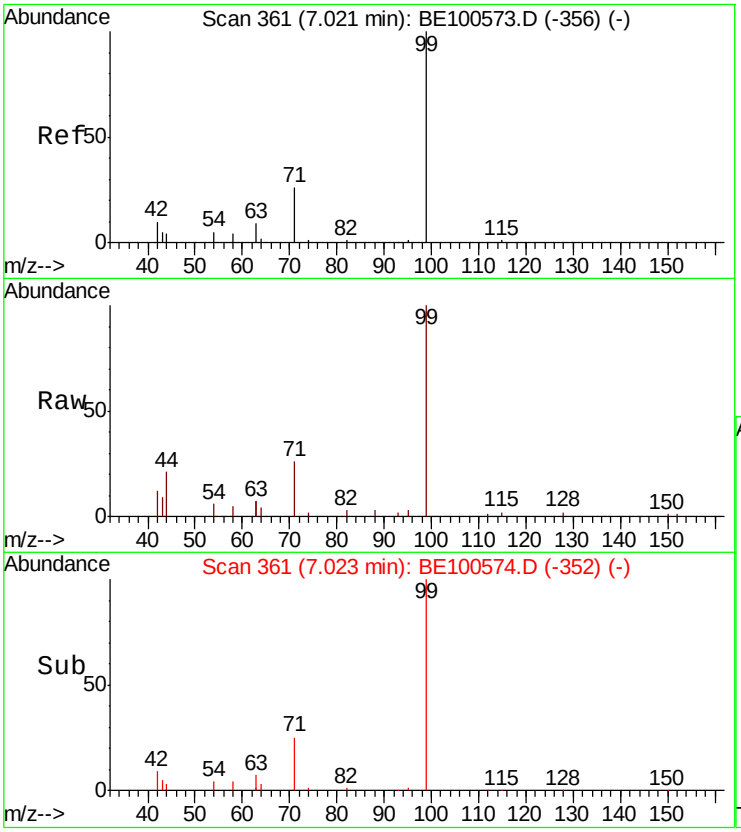


#4
2-Fluorophenol
Concen: 0.959 ng
RT: 5.43 min Scan# 223
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion:112 Resp: 7537

Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.9	67.3
63	112.4	90.1	135.1



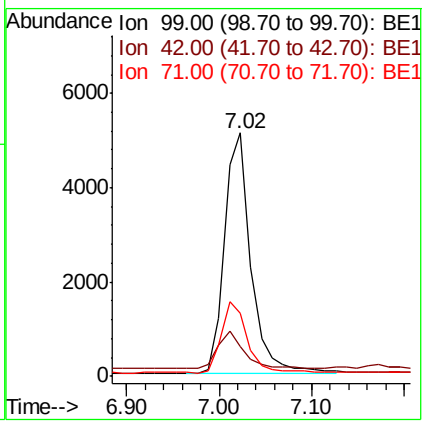


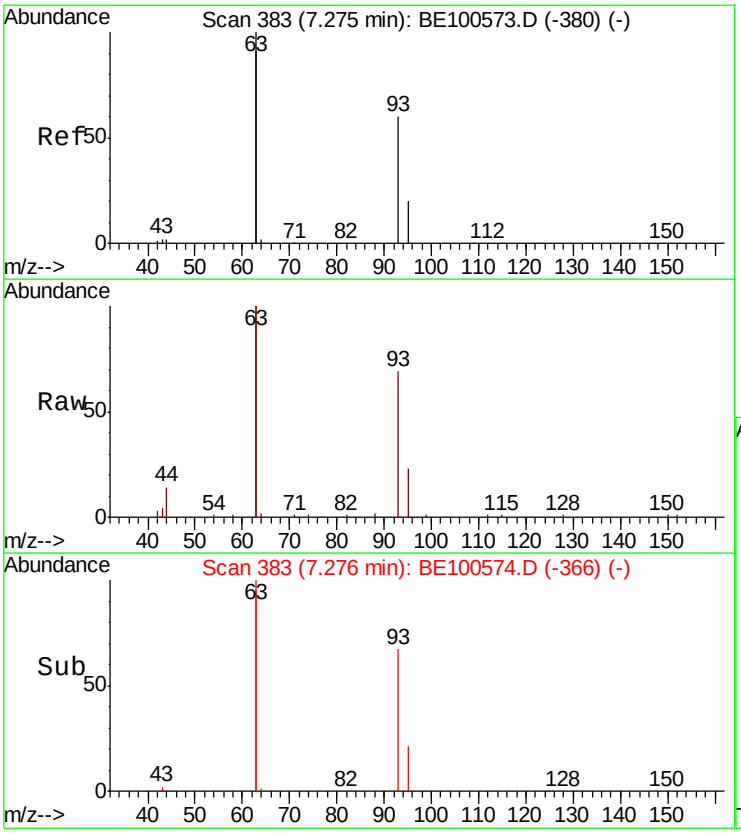
#5
Phenol-d6
Concen: 0.951 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 10231

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.7	17.5
71	29.0	23.6	35.4

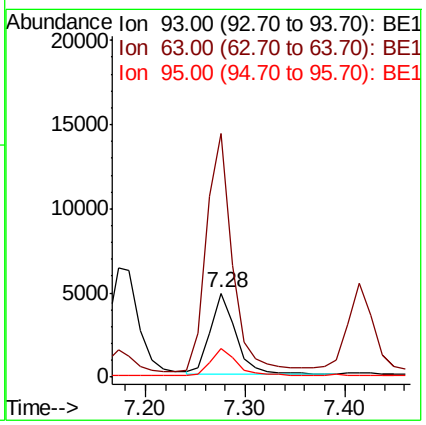


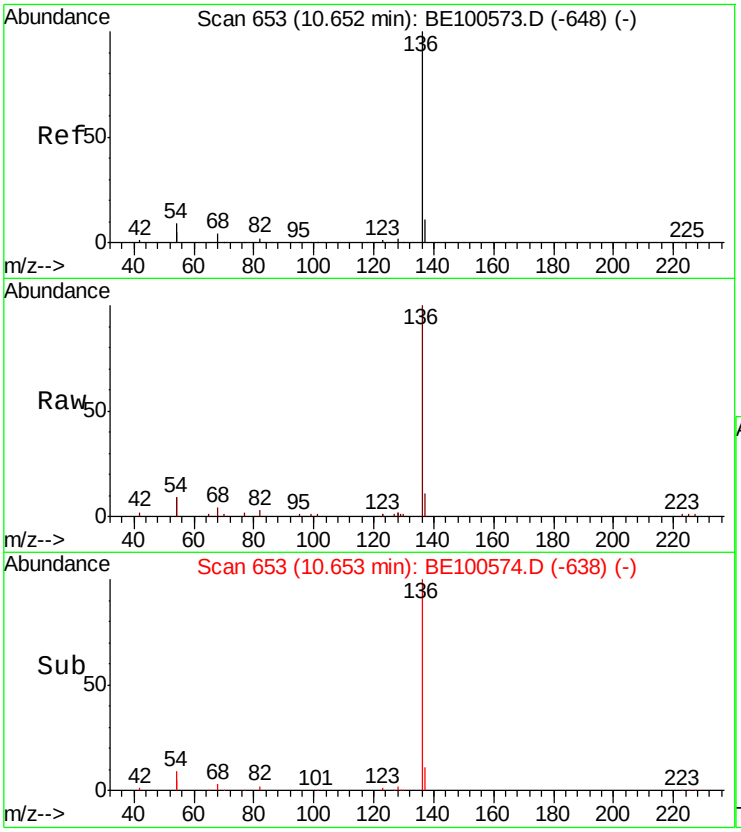


#6
bis(2-Chloroethyl)ether
Concen: 0.800 ng
RT: 7.28 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion: 93 Resp: 8711

Ion	Ratio	Lower	Upper
93	100		
63	293.0	228.3	342.5
95	32.6	24.2	36.4



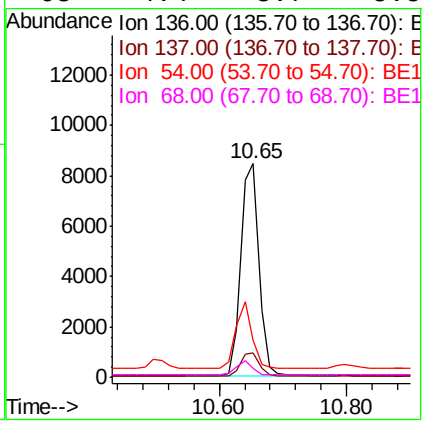


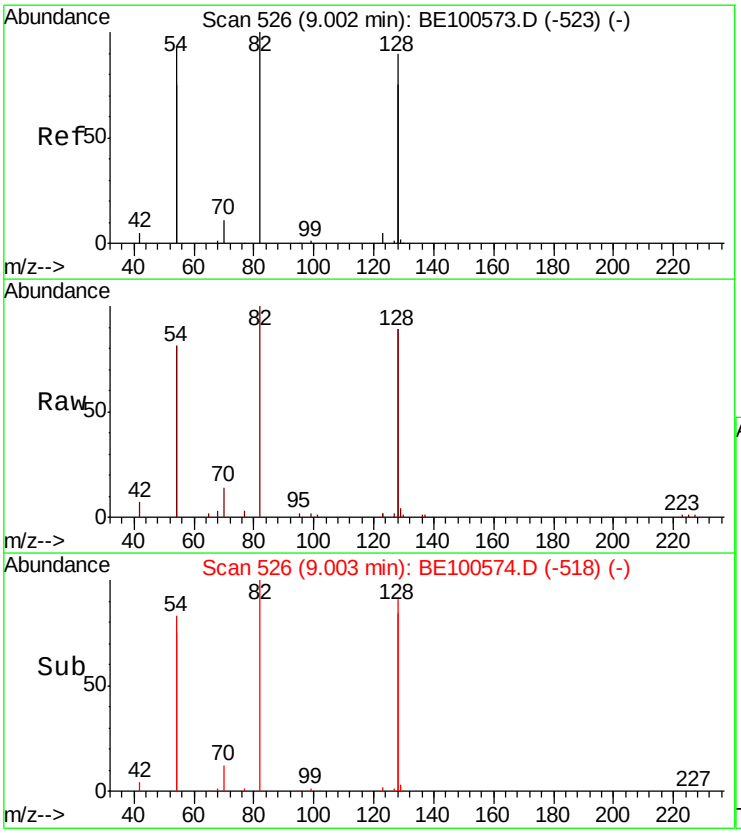
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 16731

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	17.4	15.0	22.6
68	4.4	3.7	5.5

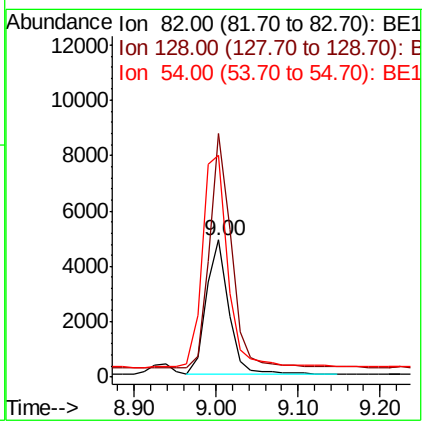


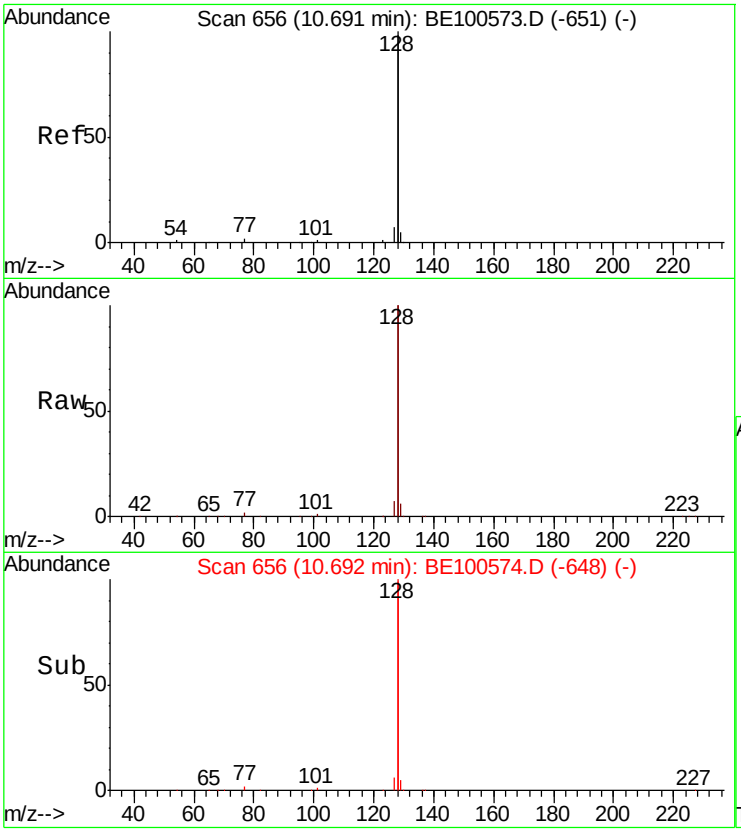


#8
Nitrobenzene-d5
Concen: 0.939 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion: 82 Resp: 9056

Ion	Ratio	Lower	Upper
82	100		
128	177.8	137.9	206.9
54	162.0	143.0	214.6



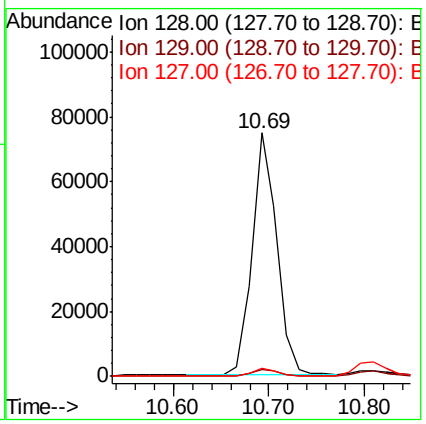


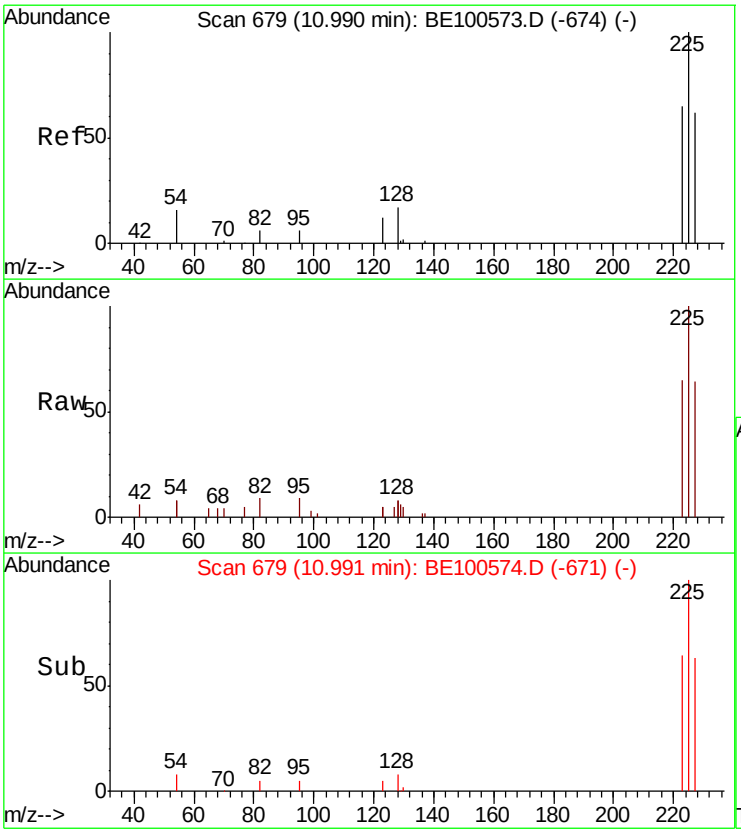
#9
Naphthalene
Concen: 0.776 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 134527

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.3	2.8	4.2

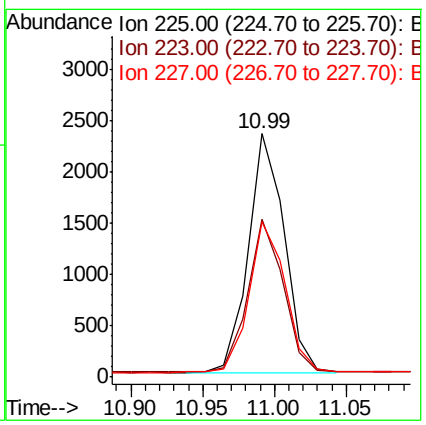


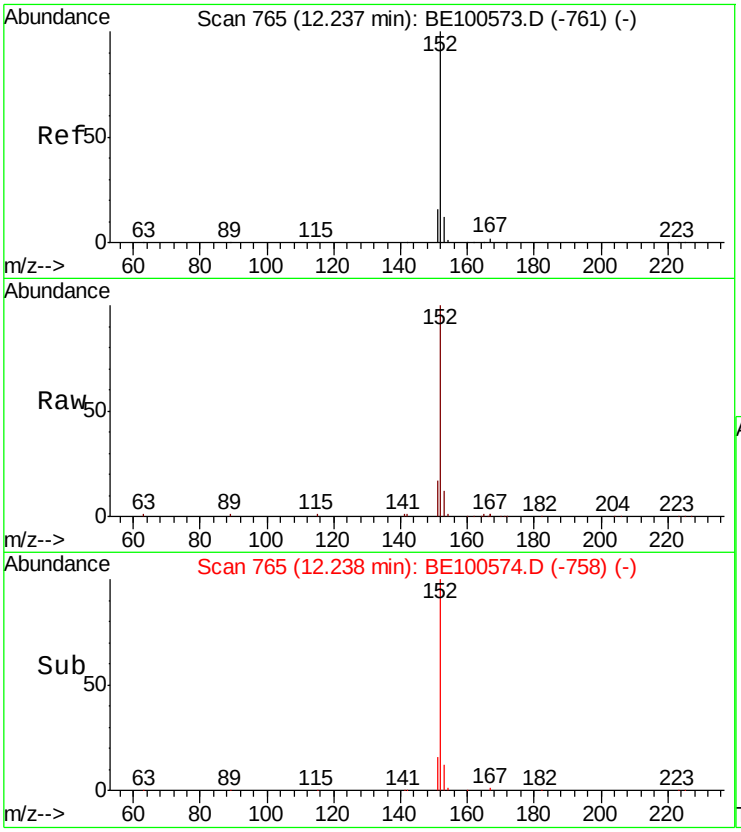


#10
Hexachlorobutadiene
Concen: 0.728 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion:225 Resp: 4041

Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.4	74.0
227	63.5	50.3	75.5



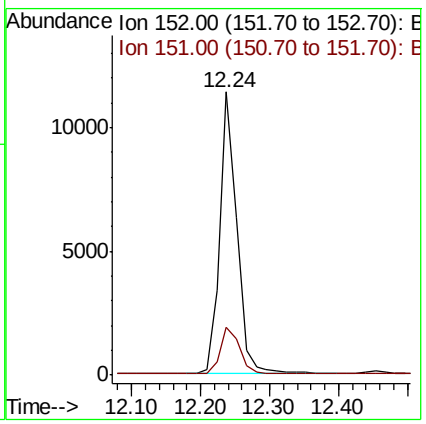


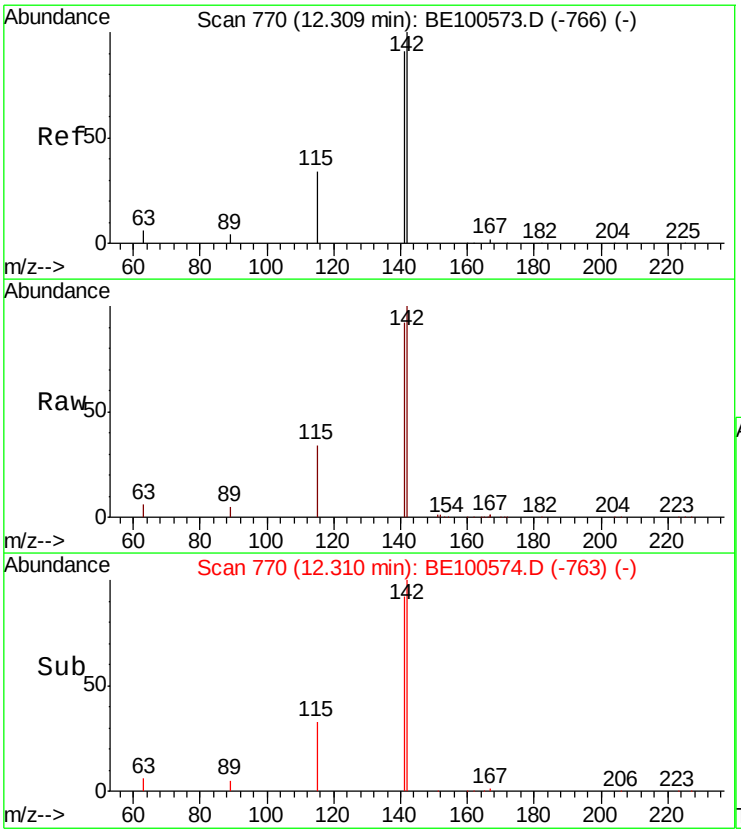
#11
2-Methylnaphthalene-d10
Concen: 0.793 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 19841

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.3	22.9

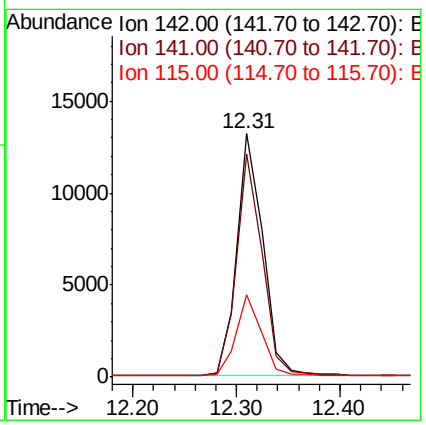


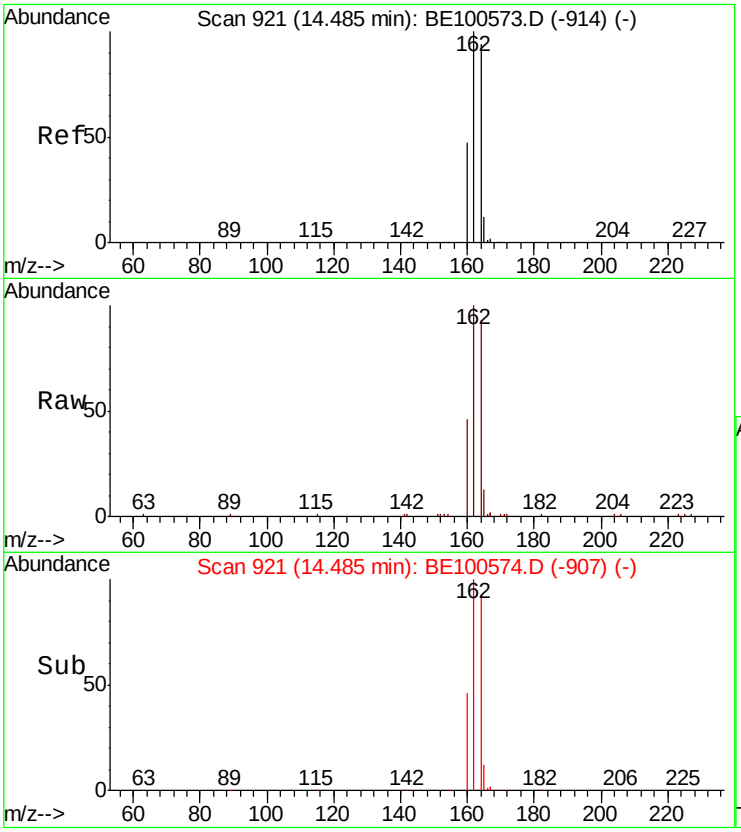


#12
2-Methylnaphthalene
Concen: 0.828 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion:142 Resp: 22863

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.2	109.8
115	33.7	28.2	42.2



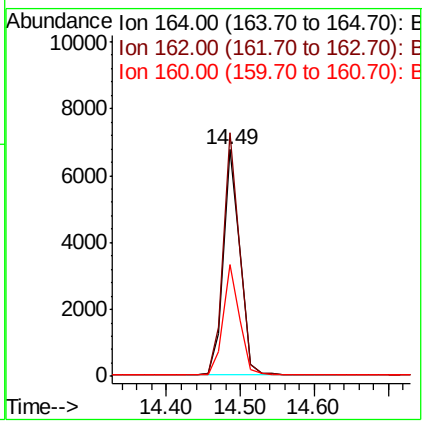


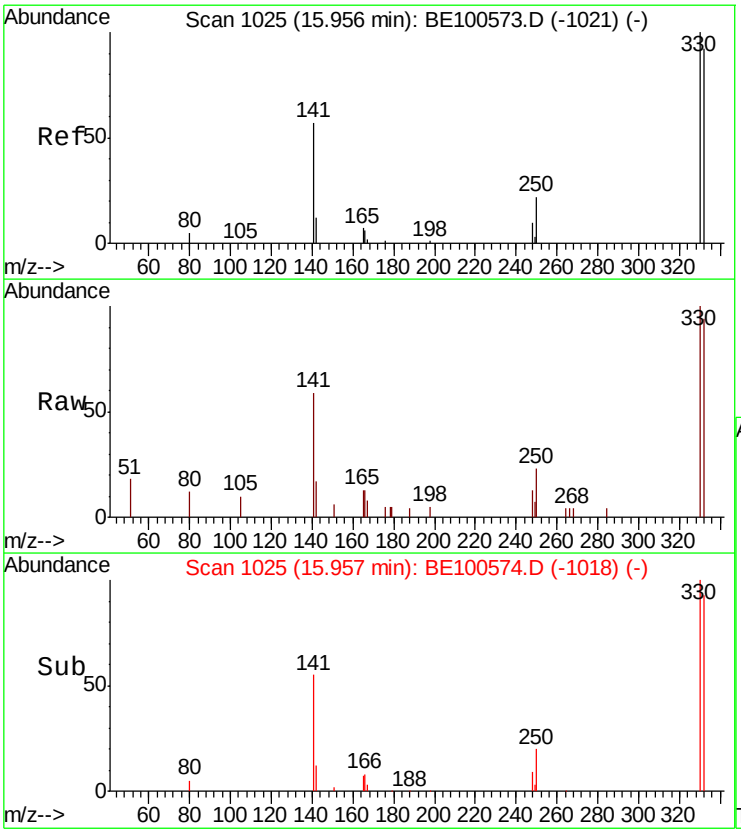
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 10361

Ion	Ratio	Lower	Upper
164	100		
162	107.4	85.0	127.4
160	49.5	40.2	60.4

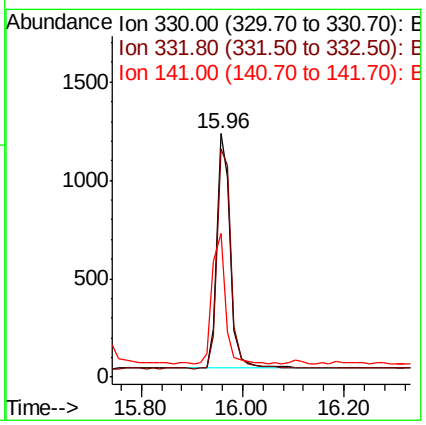


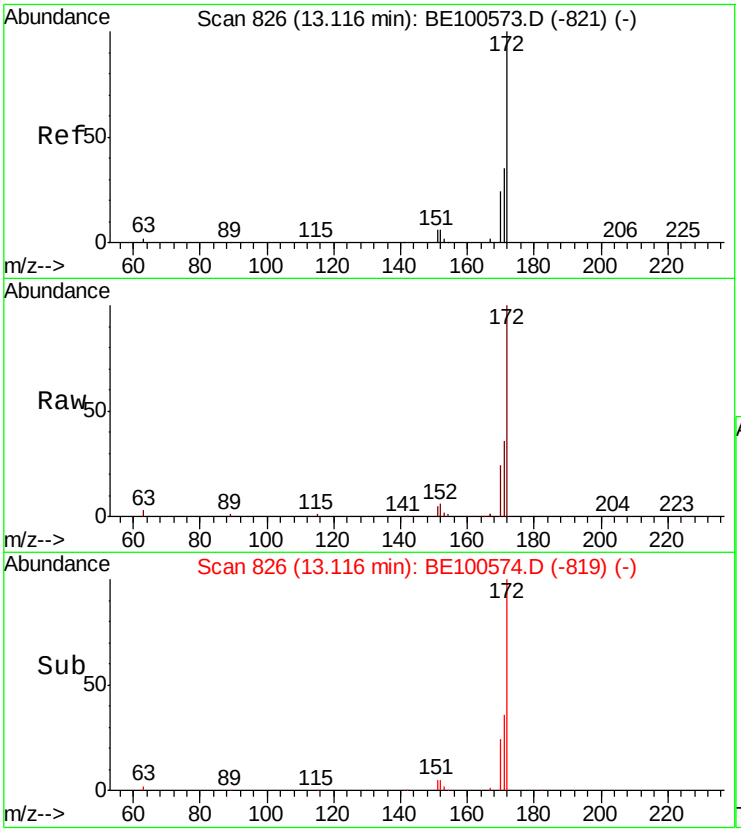


#14
2,4,6-Tribromophenol
Concen: 1.309 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion:330 Resp: 2194

Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.1	117.1
141	54.2	42.1	63.1



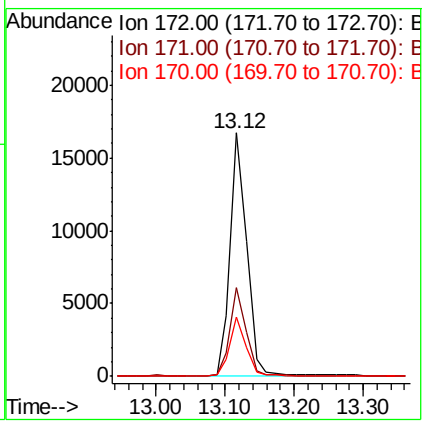


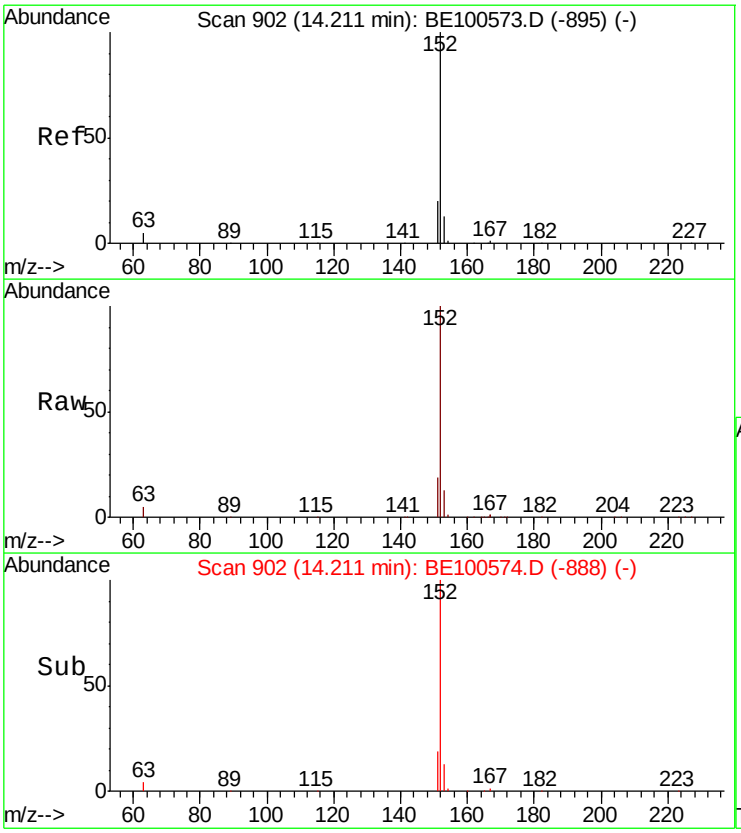
#15
2-Fluorobiphenyl
Concen: 0.744 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 27502

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.2
170	24.4	19.2	28.8

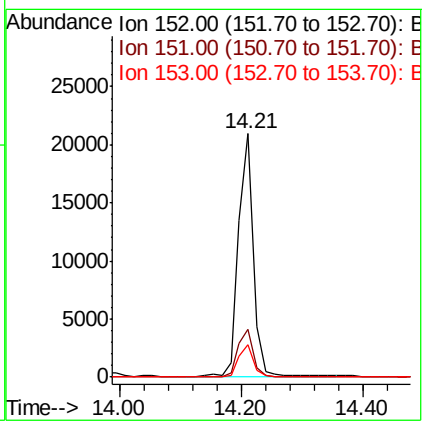


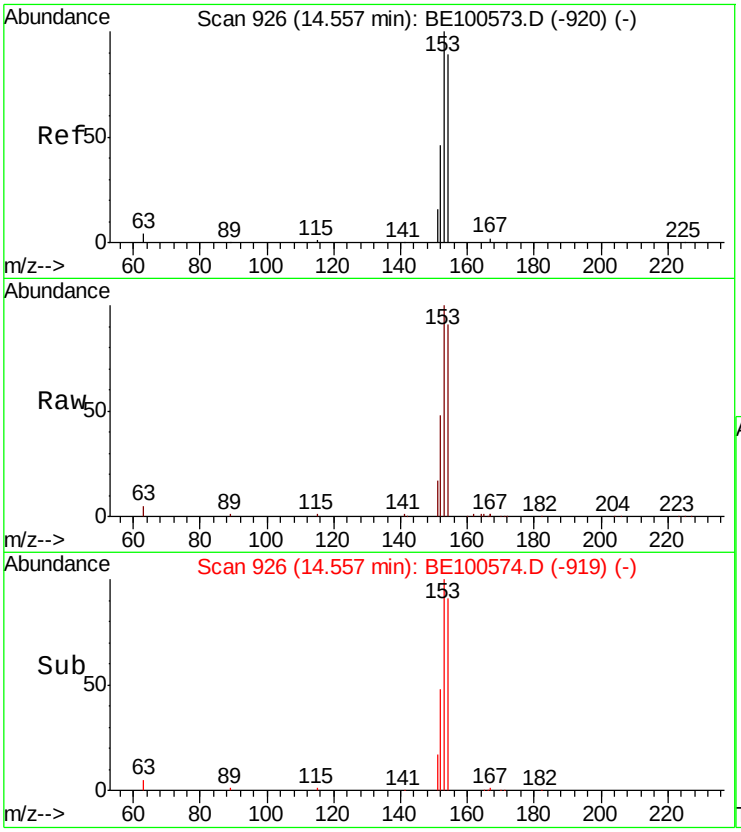


#16
Acenaphthylene
Concen: 0.830 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion:152 Resp: 35396

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	12.8	10.6	16.0



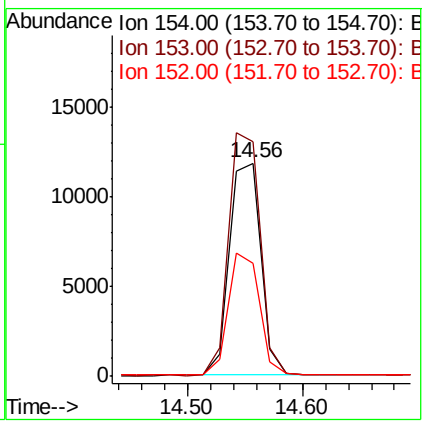


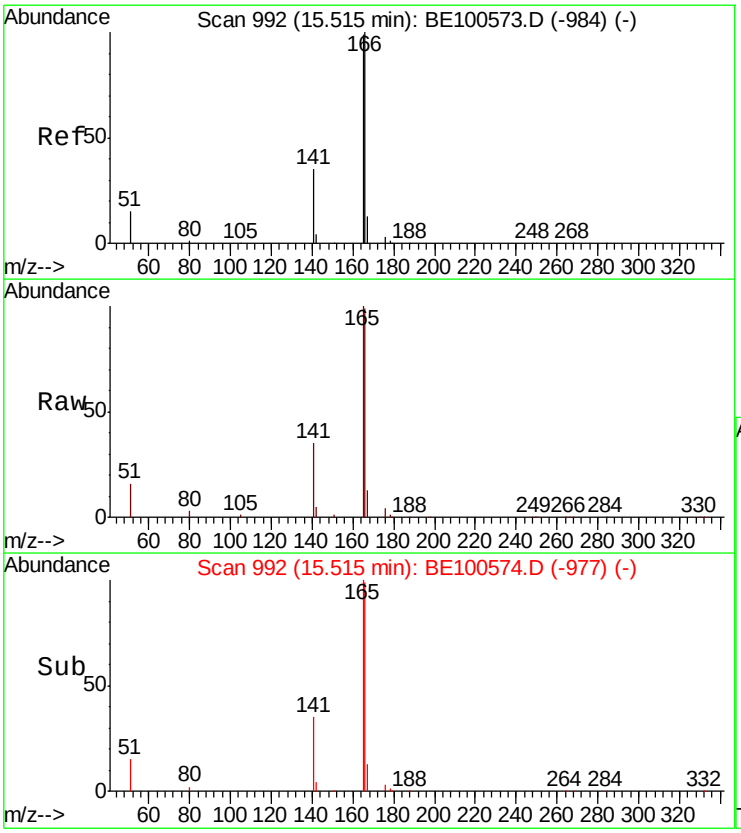
#17
Acenaphthene
Concen: 0.784 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 22591

Ion	Ratio	Lower	Upper
154	100		
153	114.3	92.7	139.1
152	56.7	45.6	68.4

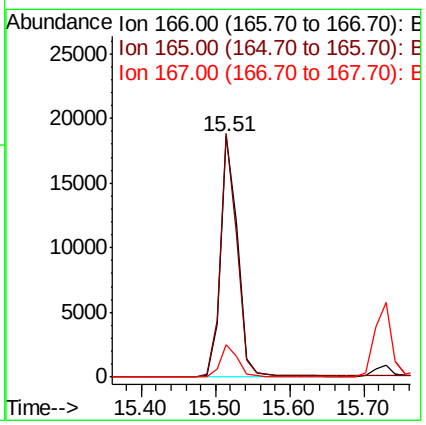


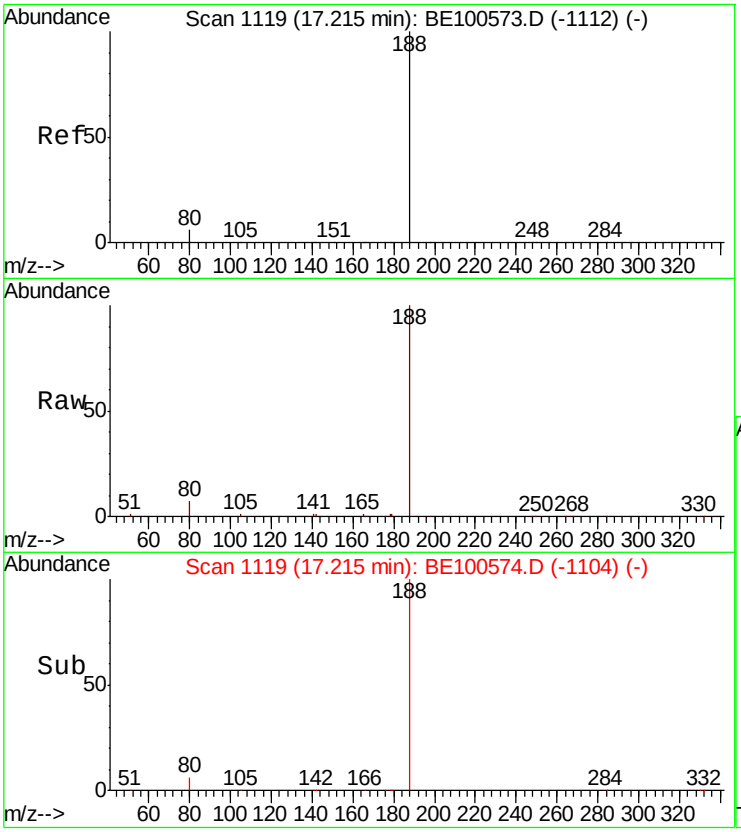


#18
Fluorene
Concen: 0.819 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion:166 Resp: 29497

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.0	117.0
167	13.4	10.7	16.1



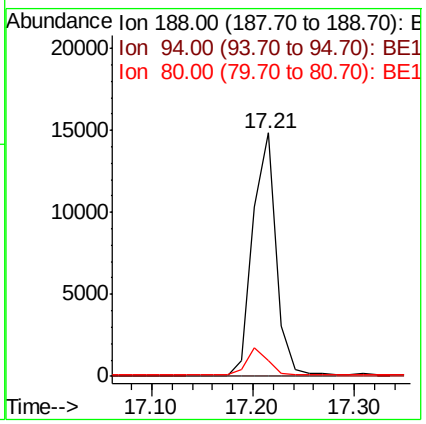


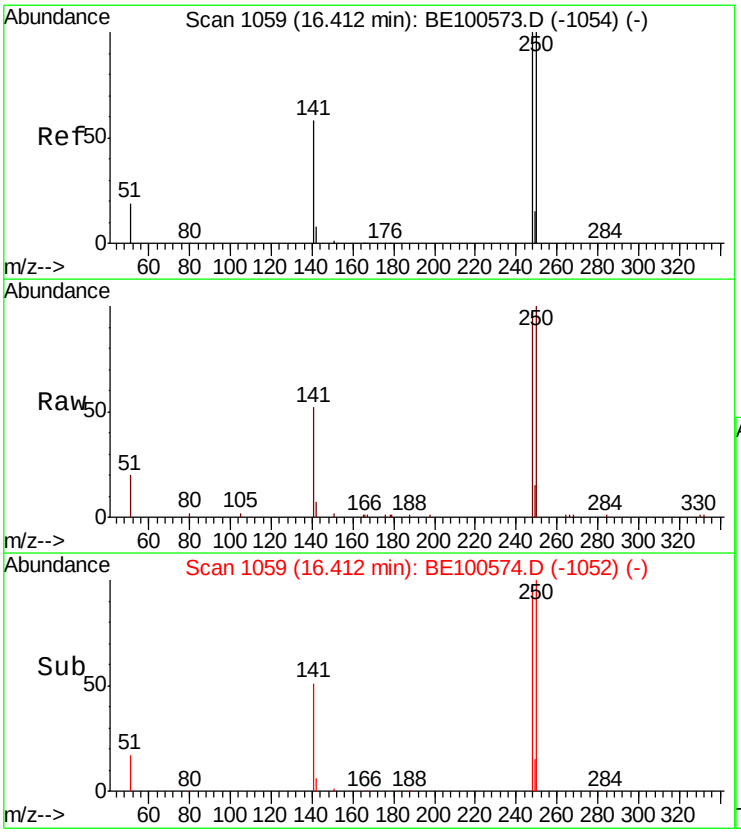
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 23926

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	5.6	8.4

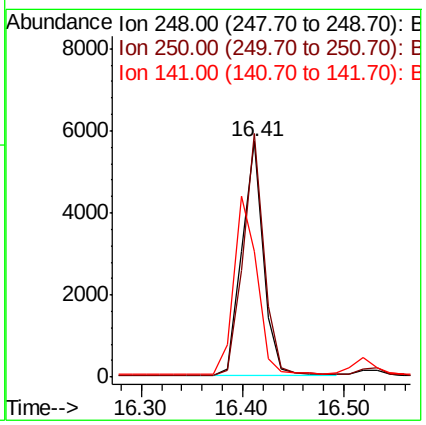


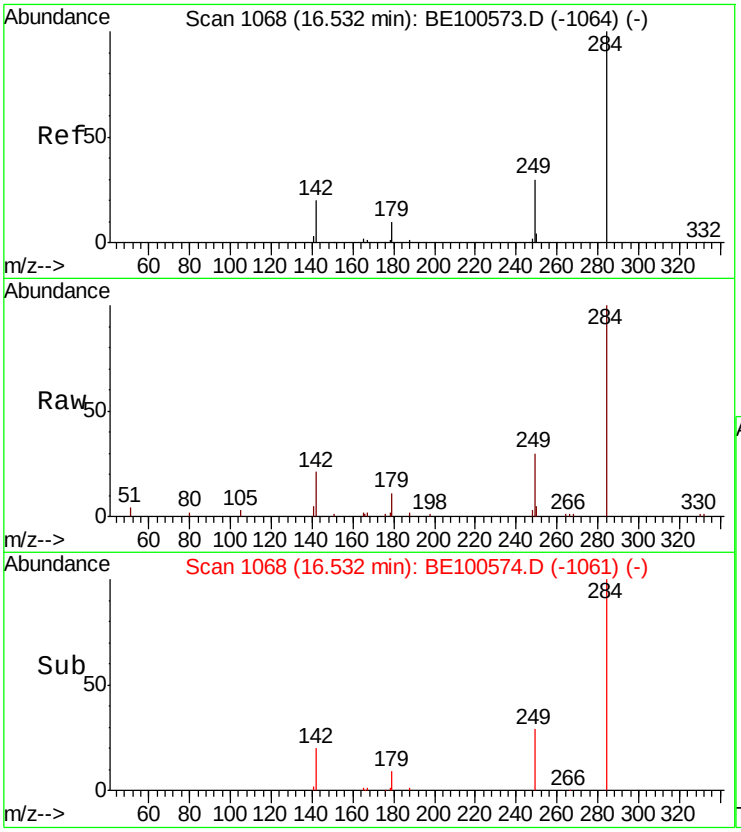


#20
4-Bromophenyl-phenylether
Concen: 0.757 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion:248 Resp: 8515

Ion	Ratio	Lower	Upper
248	100		
250	103.3	79.9	119.9
141	53.2	47.7	71.5



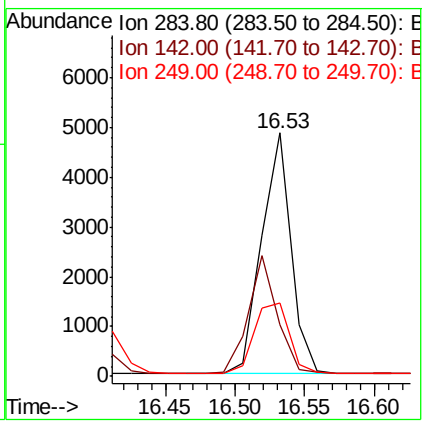


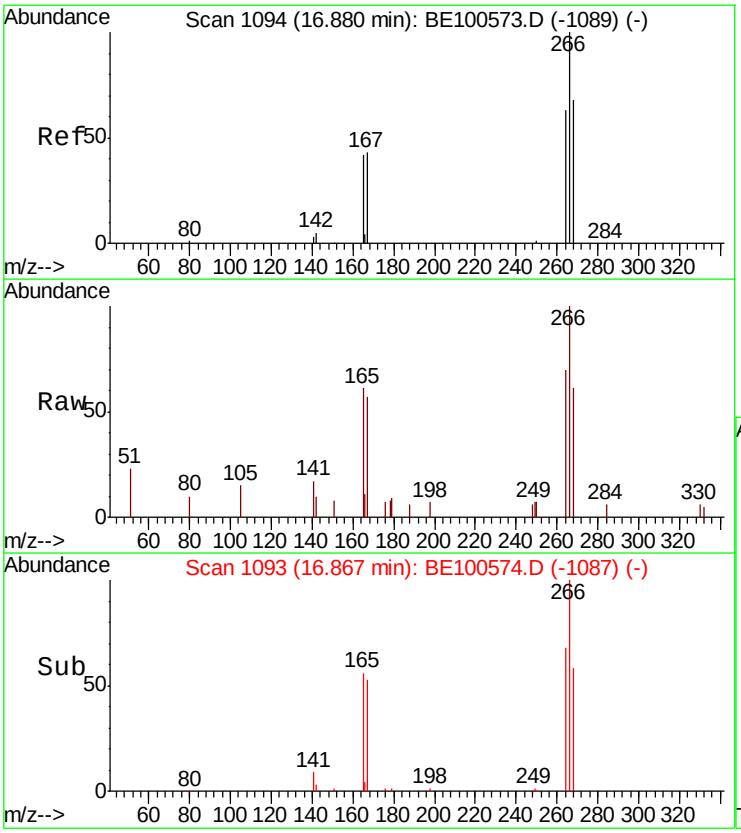
#21
Hexachlorobenzene
Concen: 0.729 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 7145

Ion	Ratio	Lower	Upper
284	100		
142	46.9	37.0	55.4
249	34.8	27.0	40.4

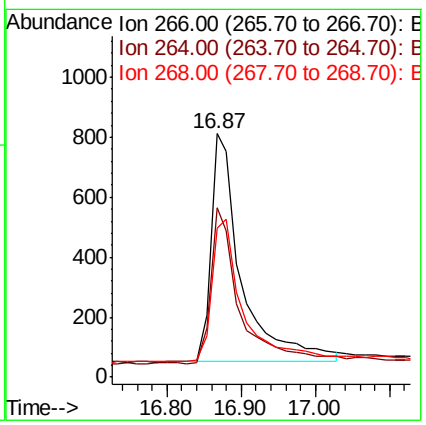


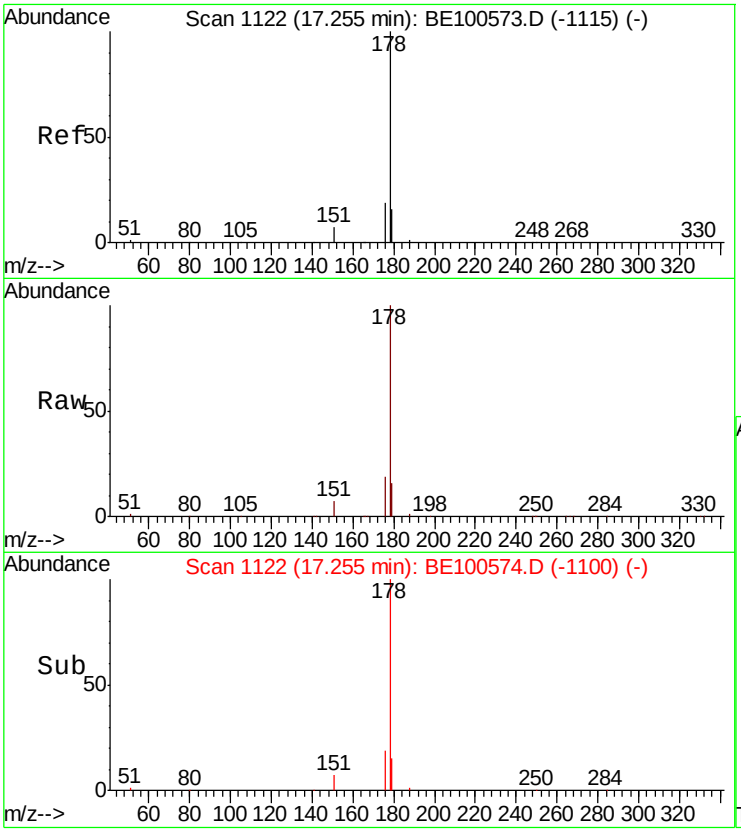


#22
Pentachlorophenol
Concen: 0.980 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion:266 Resp: 2191

Ion	Ratio	Lower	Upper
266	100		
264	69.6	53.5	80.3
268	61.3	58.3	87.5



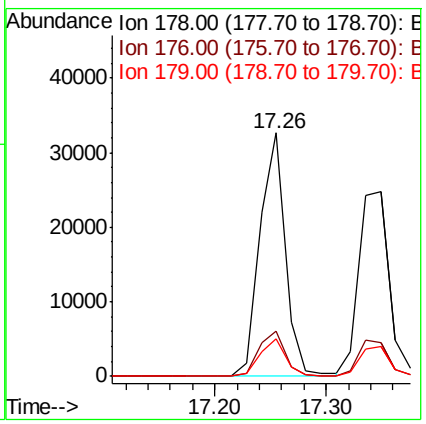


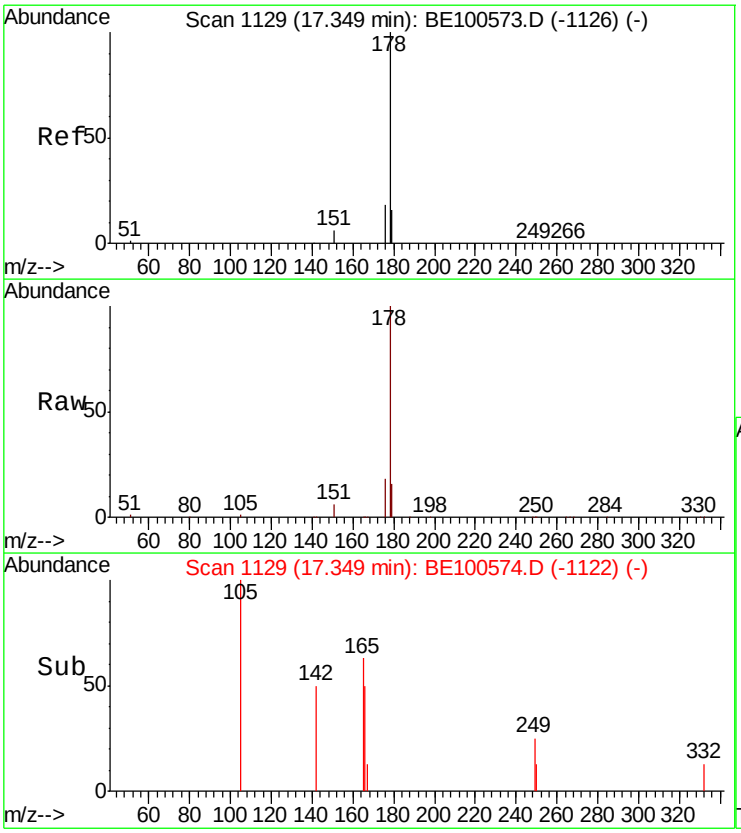
#23
Phenanthrene
Concen: 0.781 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 52047

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.3	12.4	18.6

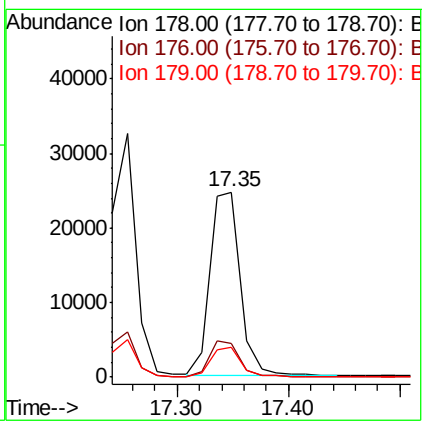


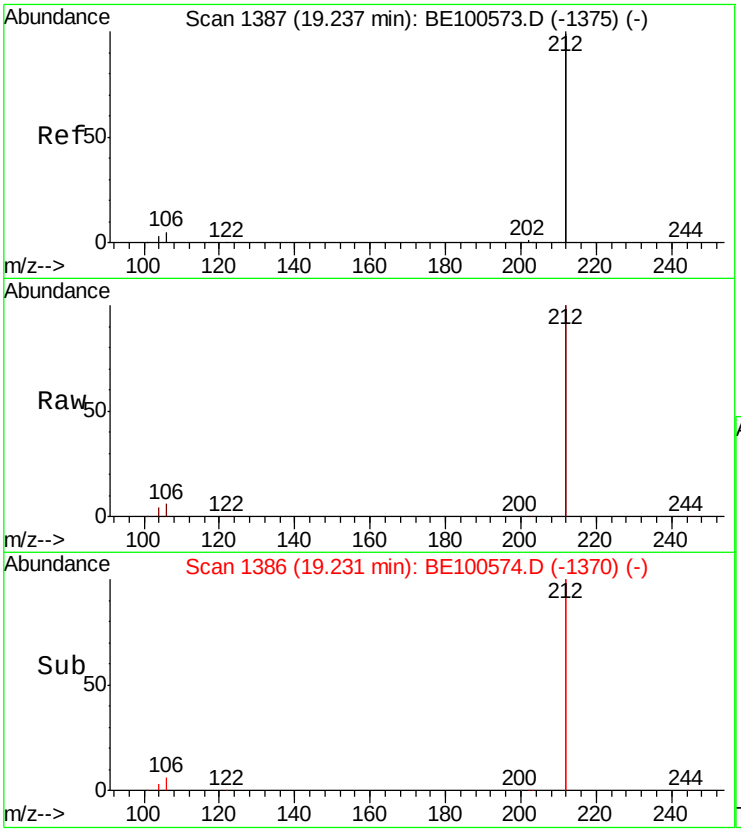


#24
Anthracene
Concen: 0.824 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion:178 Resp: 46220

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.3	12.3	18.5



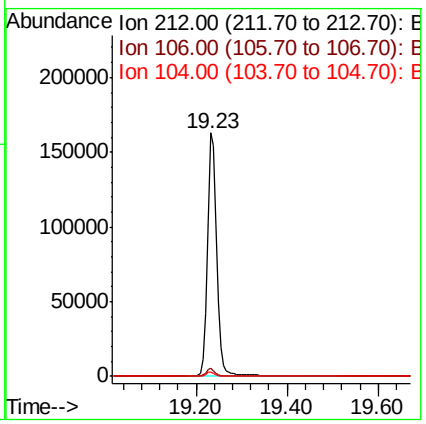


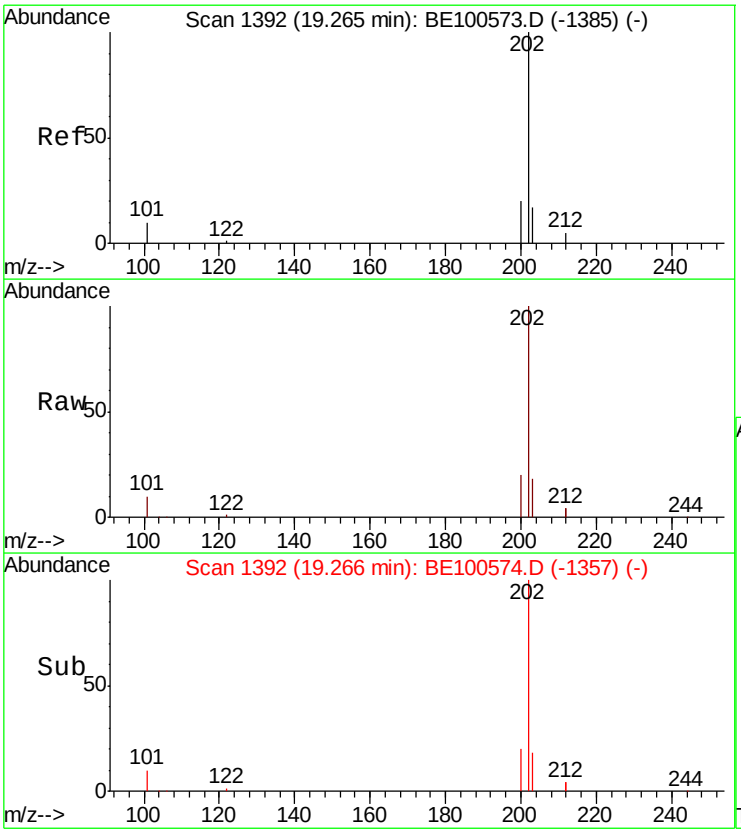
#25
Fluoranthene-d10
Concen: 0.819 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 233086

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.5	3.7
104	1.7	1.4	2.0

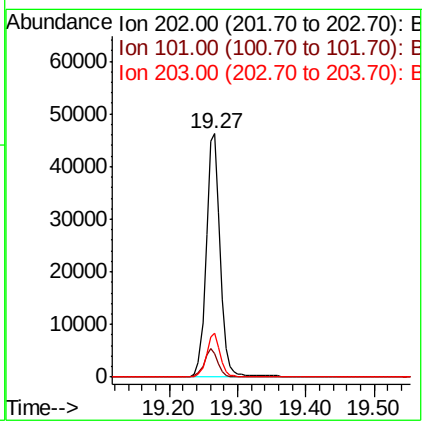


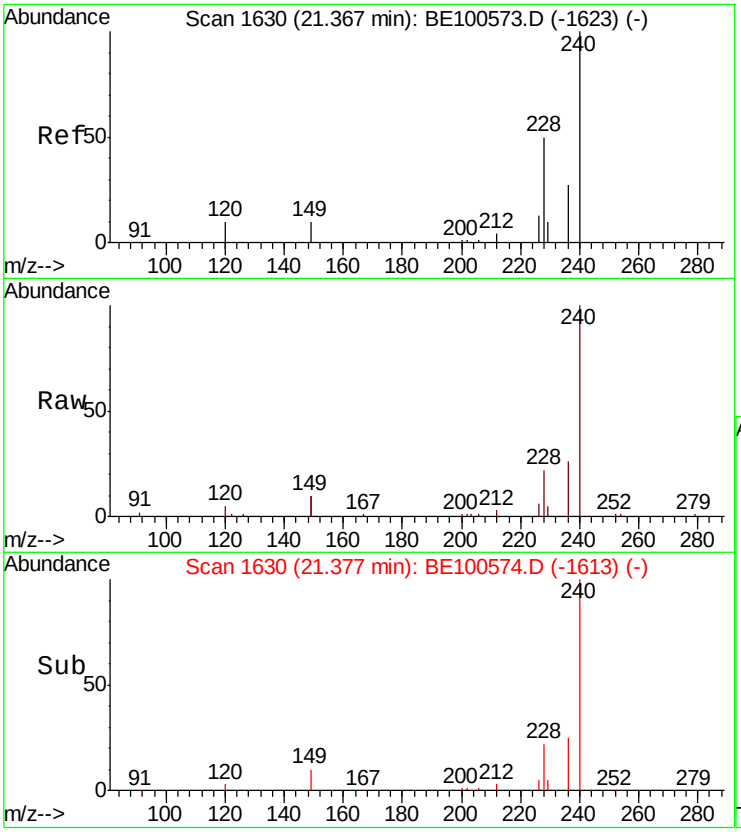


#26
Fluoranthene
Concen: 0.808 ng
RT: 19.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion:202 Resp: 64925

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.4
203	17.3	13.6	20.4



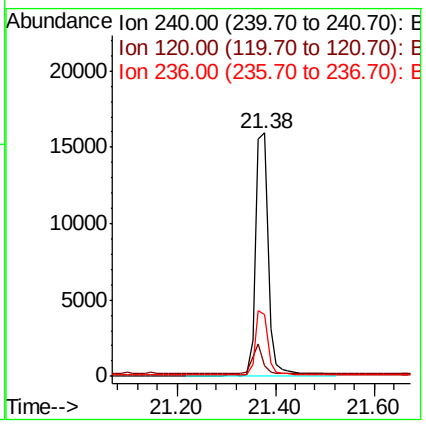


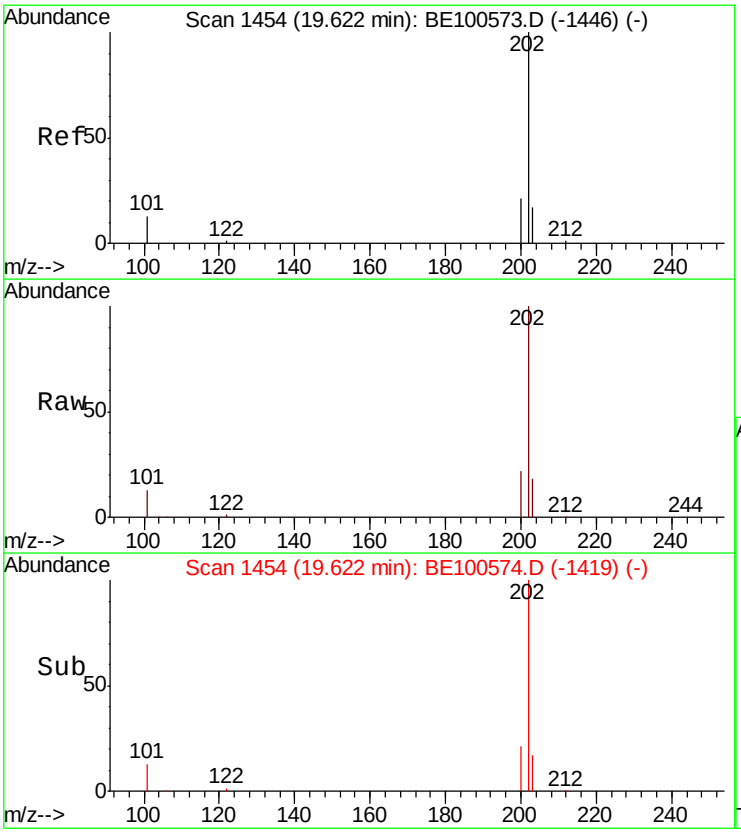
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1630
Delta R.T. 0.01 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 28456

Ion	Ratio	Lower	Upper
240	100		
120	4.6	8.7	13.1#
236	25.6	21.8	32.8

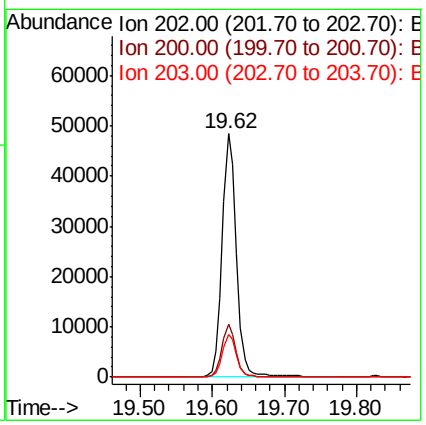


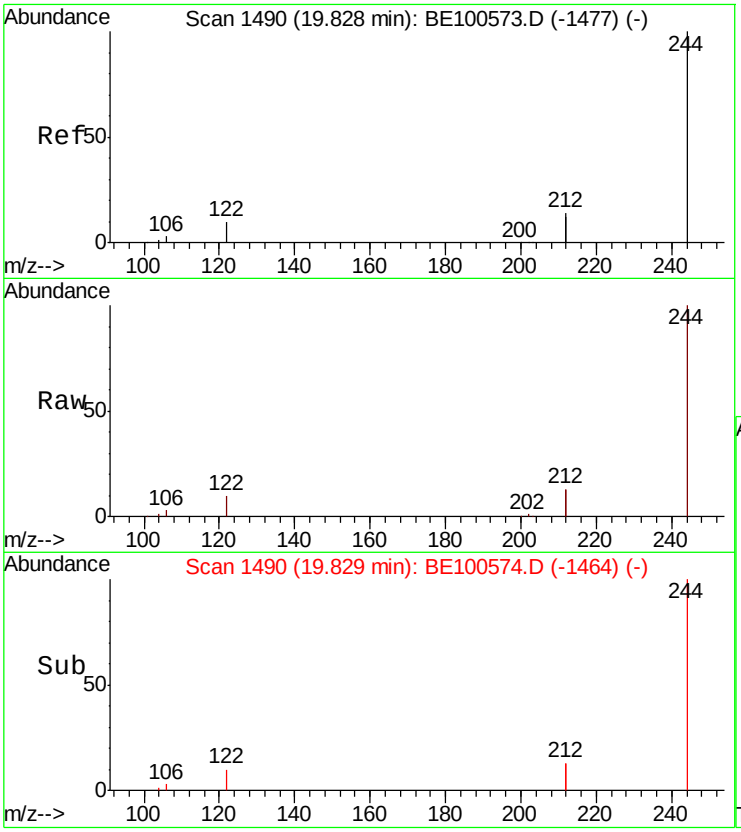


#28
Pyrene
Concen: 0.803 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion:202 Resp: 65772

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.6	14.2	21.2



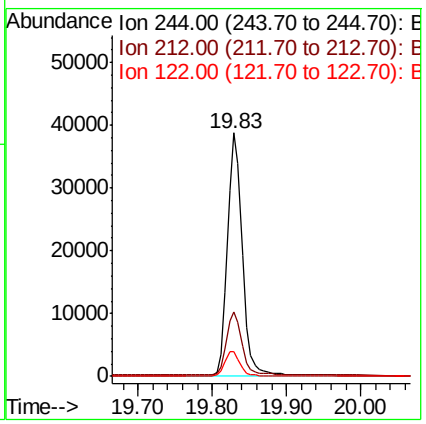


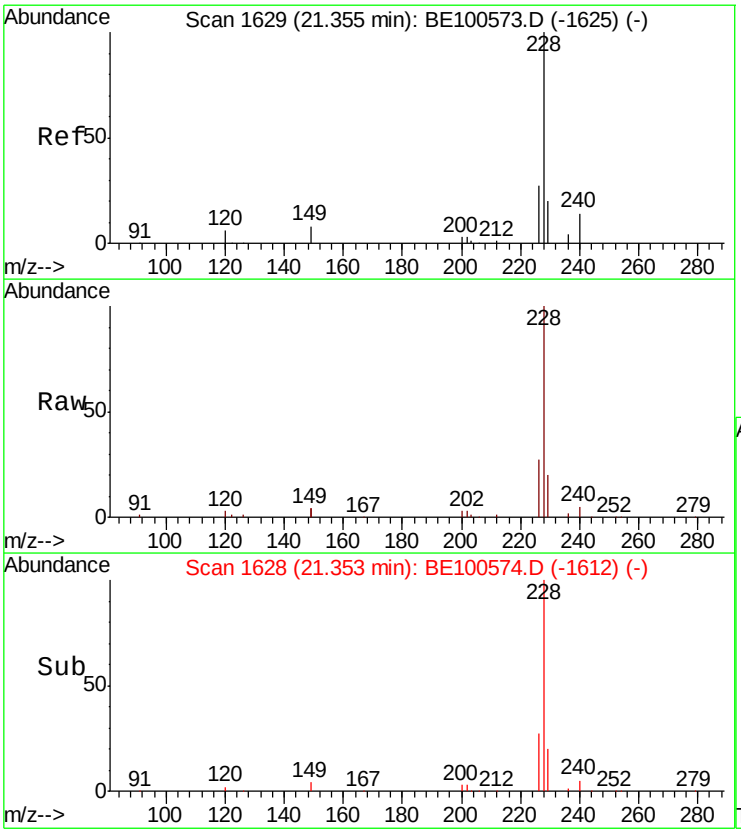
#29
Terphenyl-d14
Concen: 0.807 ng
RT: 19.83 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 54420

Ion	Ratio	Lower	Upper
244	100		
212	26.7	21.8	32.8
122	10.0	8.2	12.4

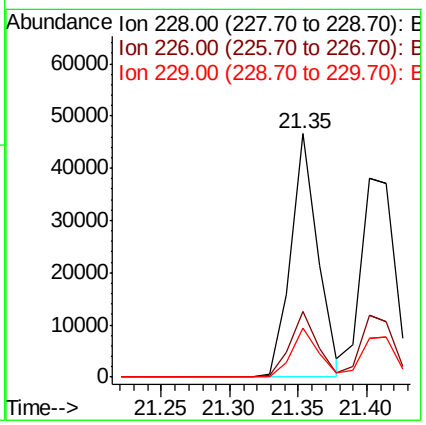


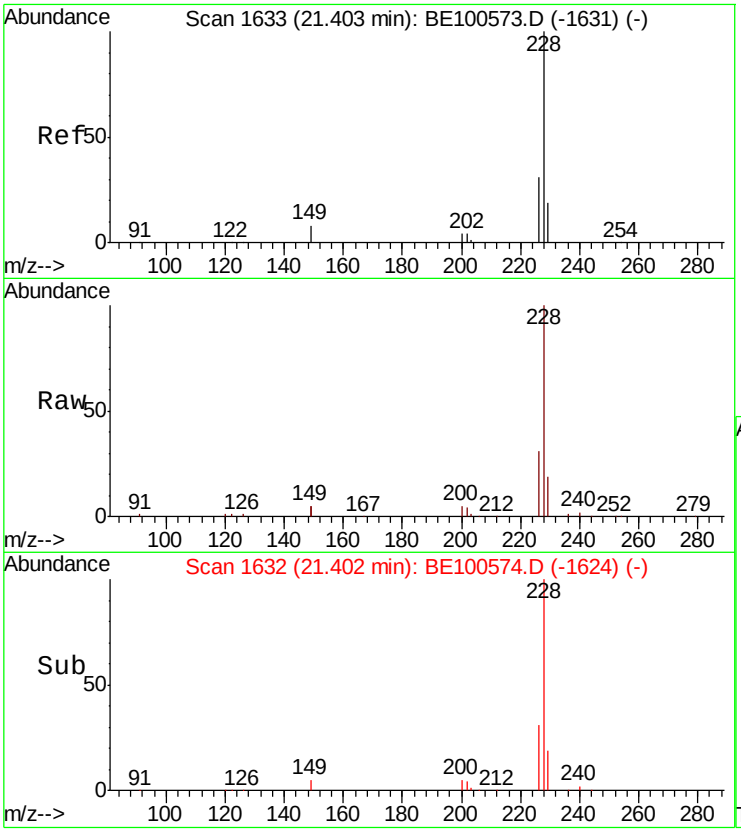


#30
Benzo(a)anthracene
Concen: 0.836 ng
RT: 21.35 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion:228 Resp: 63562

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.9	16.1	24.1



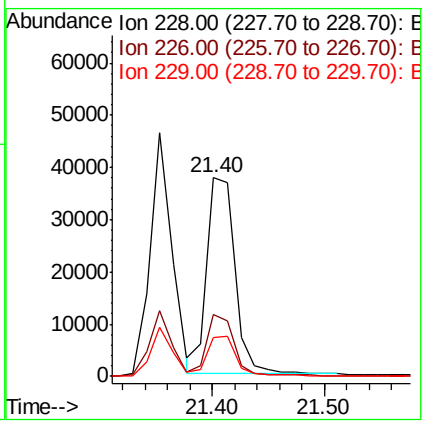


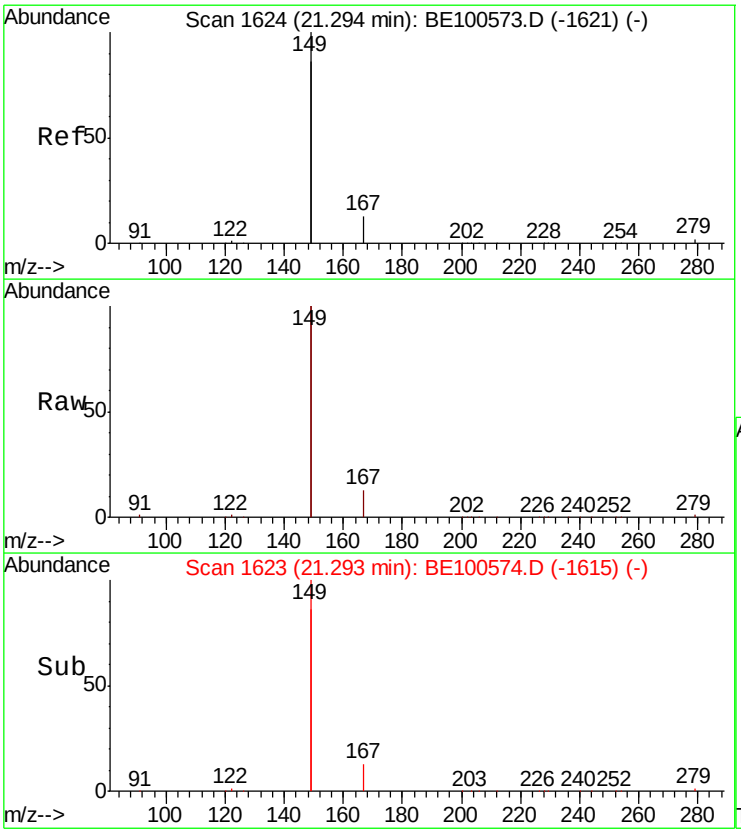
#31
Chrysene
Concen: 0.755 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 65424

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	19.3	15.6	23.4

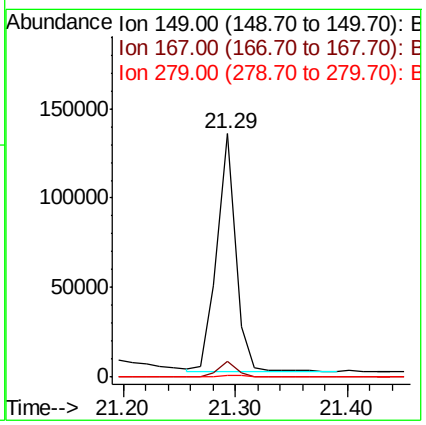


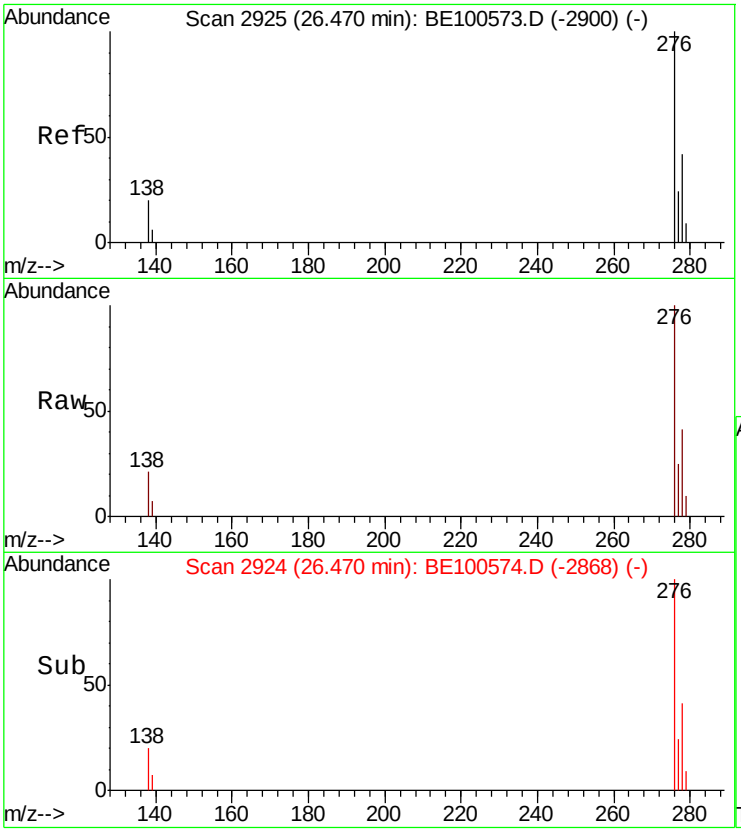


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.876 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion:149 Resp: 153717

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.0	7.6
279	1.1	0.8	1.2



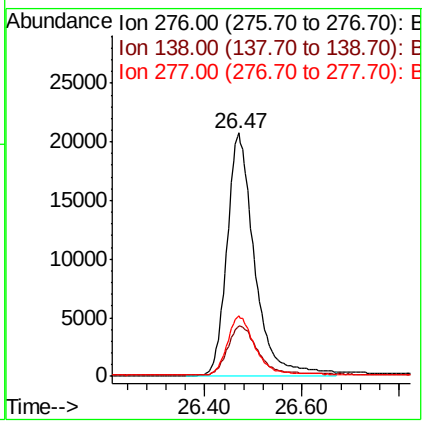


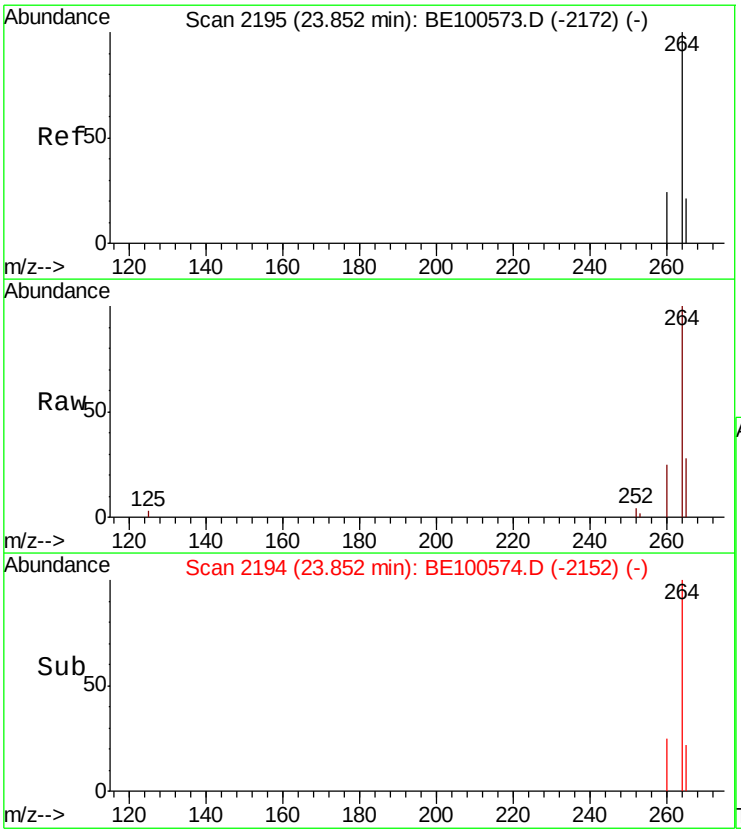
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.840 ng
RT: 26.47 min Scan# 2924
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 80914

Ion	Ratio	Lower	Upper
276	100		
138	22.3	18.6	27.8
277	25.0	19.4	29.2

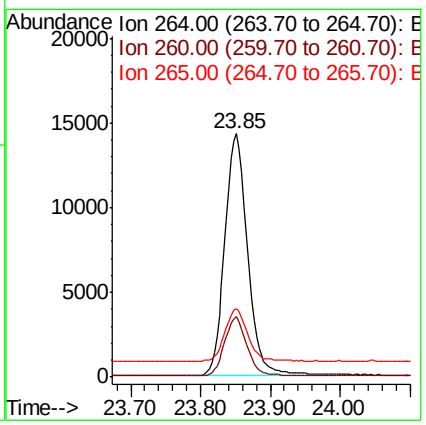


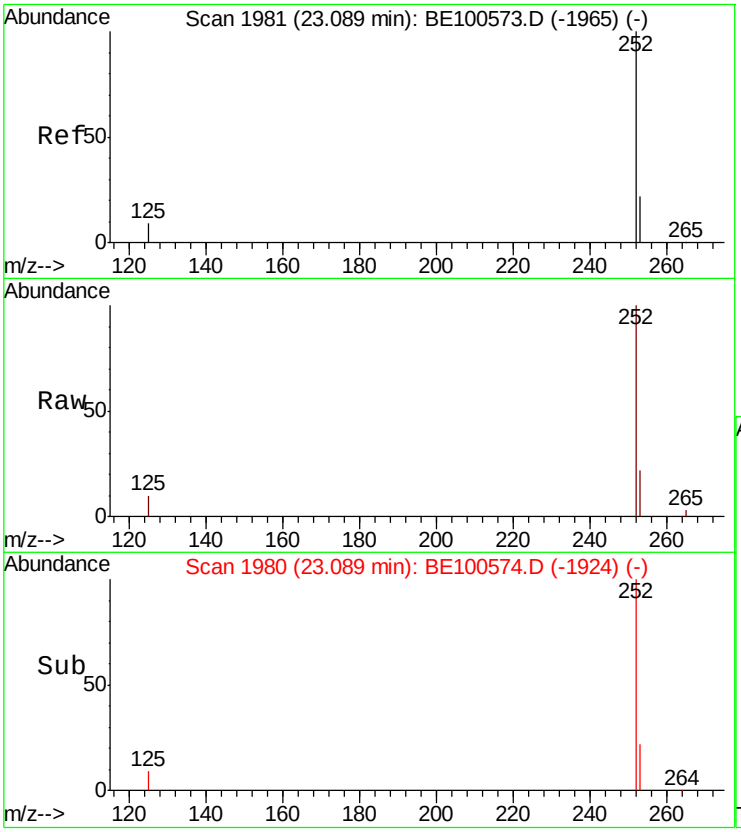


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion:264 Resp: 32477

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	28.1	22.2	33.4



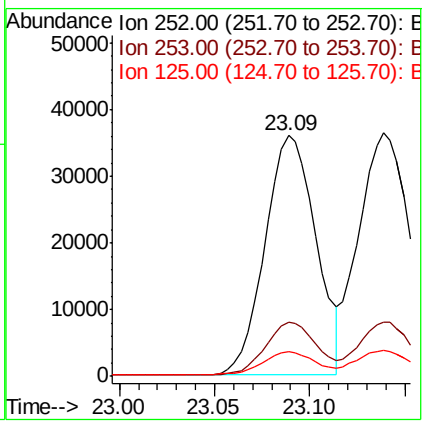


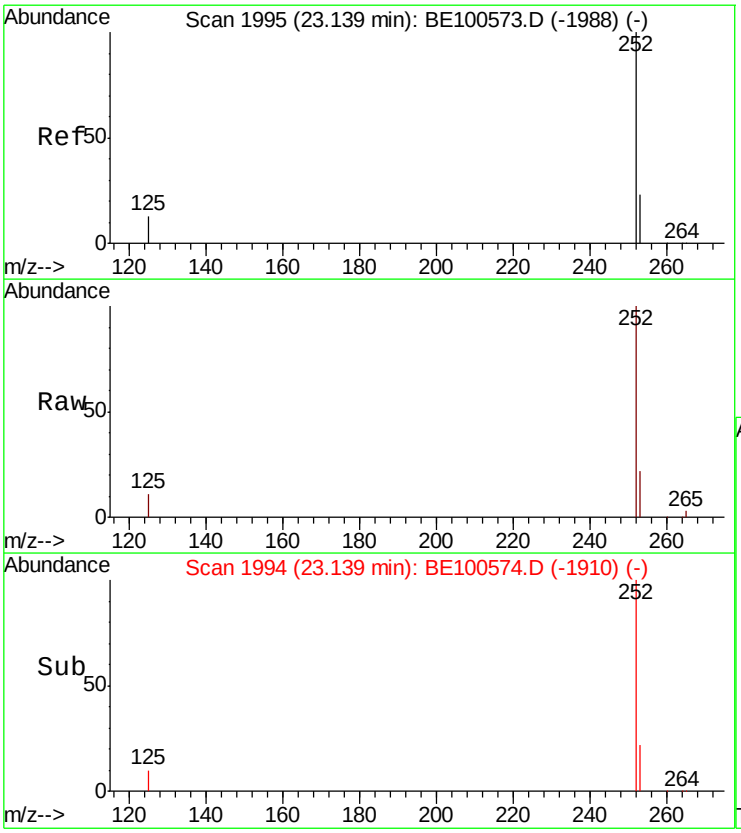
#35
Benzo(b)fluoranthene
Concen: 0.763 ng
RT: 23.09 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 67037

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.2	8.7	13.1

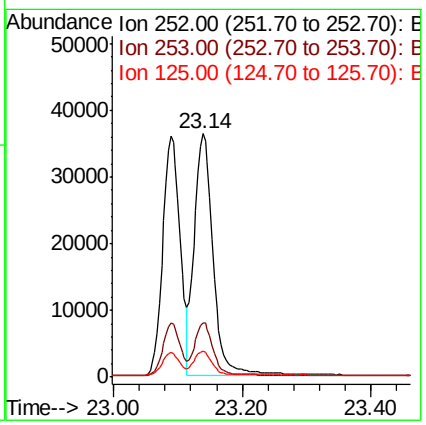


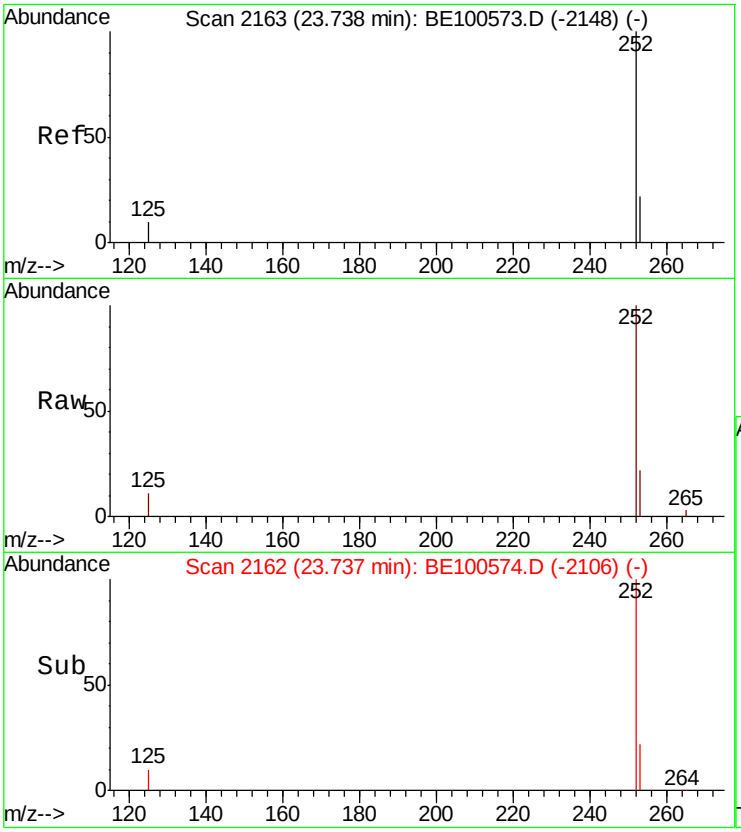


#36
Benzo(k)fluoranthene
Concen: 0.726 ng
RT: 23.14 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion:252 Resp: 73827

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	28.0
125	10.8	11.4	17.2#



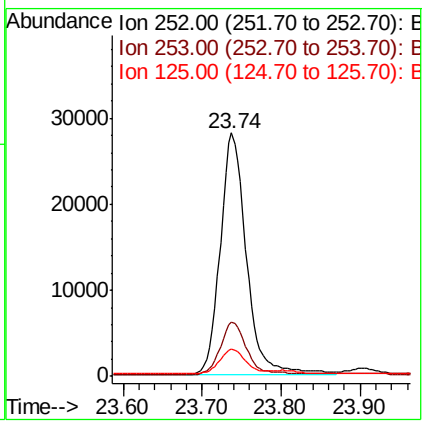


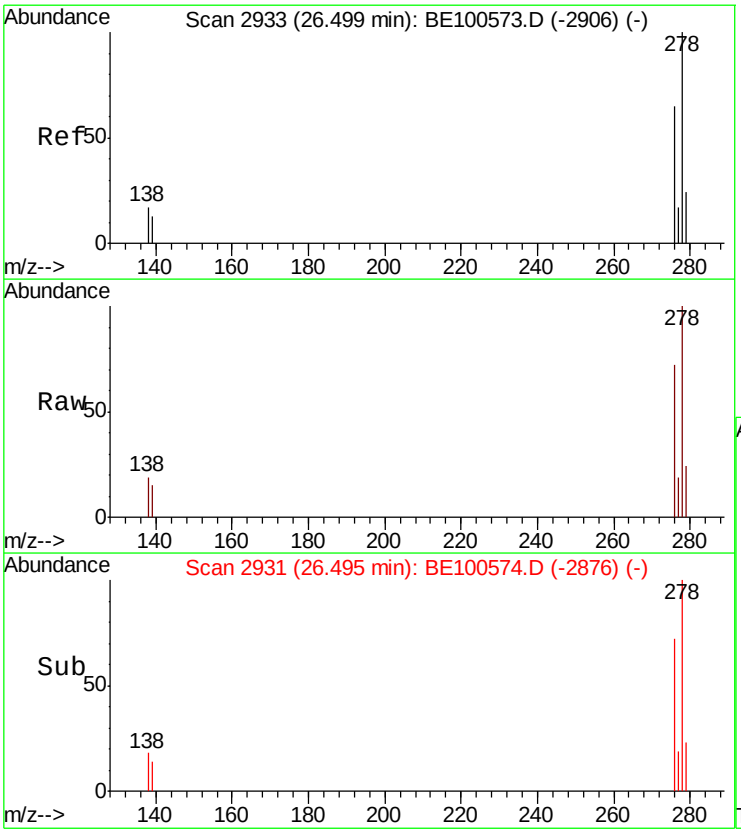
#37
Benzo(a)pyrene
Concen: 0.785 ng
RT: 23.74 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 64345

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	11.1	9.8	14.6

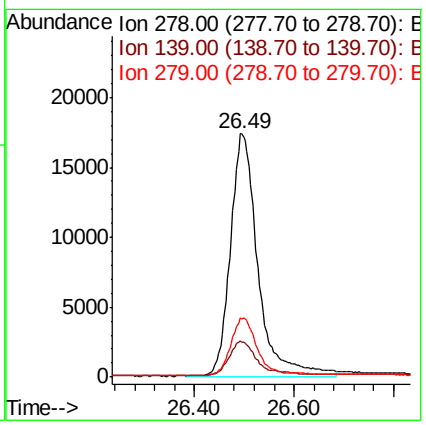


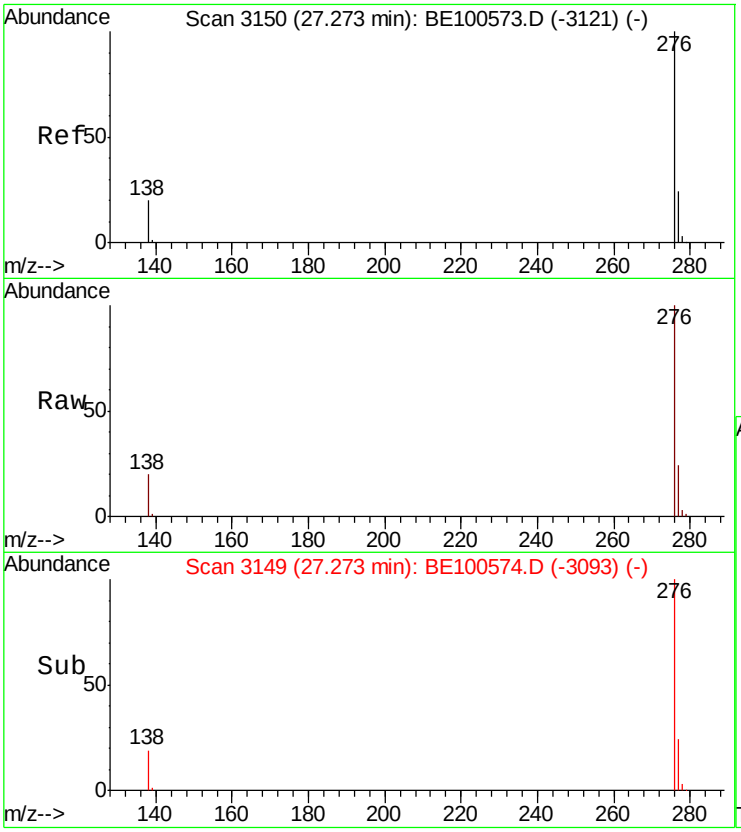


#38
Dibenzo(a,h)anthracene
Concen: 0.779 ng
RT: 26.49 min Scan# 2931
Delta R.T. -0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Tgt Ion:278 Resp: 66509

Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	23.8	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.753 ng
RT: 27.27 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BE100574.D
Acq: 27 Sep 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 67134

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.7	29.5
138	20.0	17.0	25.4