Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101019\
Data File : BE100628.D
Acq On : 10 Oct 2019 12:15
Operator : JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Oct 10 12:59:23 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 12:09:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	5831	0.40	ng		-0.01
7) Naphthalene-d8	10.64	136	24217	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	16048	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	36573	0.40	ng		0.00
27) Chrysene-d12	21.37	240	49187	0.40	ng		0.00
34) Perylene-d12	23.85	264	53458	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	29452	1.87	ng		0.00
5) Phenol-d6	7.01	99	41641	2.11	ng		0.00
8) Nitrobenzene-d5	8.99	82	24596	1.63	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	64479	1.78	ng		0.01
14) 2,4,6-Tribromophenol	15.96	330	7063	1.93	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	95251	1.64	ng		0.00
25) Fluoranthene-d10	19.23	212	795148	1.76	ng		0.00
29) Terphenyl-d14	19.83	244	179906	1.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	16312	1.661	ng	#	100
3) n-Nitrosodimethylamine	3.69	42	17659	3.821	ng	#	95
6) bis(2-Chloroethyl)ether	7.27	93	34563	1.886	ng		99
9) Naphthalene	10.69	128	424585	1.700	ng		100
10) Hexachlorobutadiene	10.99	225	18404	2.284	ng		98
12) 2-Methylnaphthalene	12.31	142	73248	1.785	ng		99
16) Acenaphthylene	14.20	152	111123	1.630	ng		100
17) Acenaphthene	14.54	154	71920	1.576	ng		99
18) Fluorene	15.51	166	97828	1.677	ng		100
20) 4-Bromophenyl-phenylether	16.41	248	31061	1.715	ng		97
21) Hexachlorobenzene	16.52	284	29307	1.923	ng		99
22) Pentachlorophenol	16.85	266	9264	2.199	ng		97
23) Phenanthrene	17.24	178	167885	1.614	ng		99
24) Anthracene	17.33	178	157920	1.763	ng		100
26) Fluoranthene	19.26	202	221727	1.730	ng		99
28) Pyrene	19.62	202	226380	1.795	ng		100
30) Benzo(a)anthracene	21.35	228	263058	1.913	ng		100
31) Chrysene	21.40	228	259746	1.766	ng		100
32) Bis(2-ethylhexyl)phthalate	21.31	149	477845	1.819	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.46	276	303708	1.753	ng		100
35) Benzo(b)fluoranthene	23.09	252	266721	1.841	ng		98
36) Benzo(k)fluoranthene	23.14	252	270265	1.641	ng		98
37) Benzo(a)pyrene	23.74	252	242775	1.826	ng		98
38) Dibenzo(a,h)anthracene	26.49	278	252518	1.805	ng		99
39) Benzo(g,h,i)perylene	27.27	276	248814	1.756	ng		99

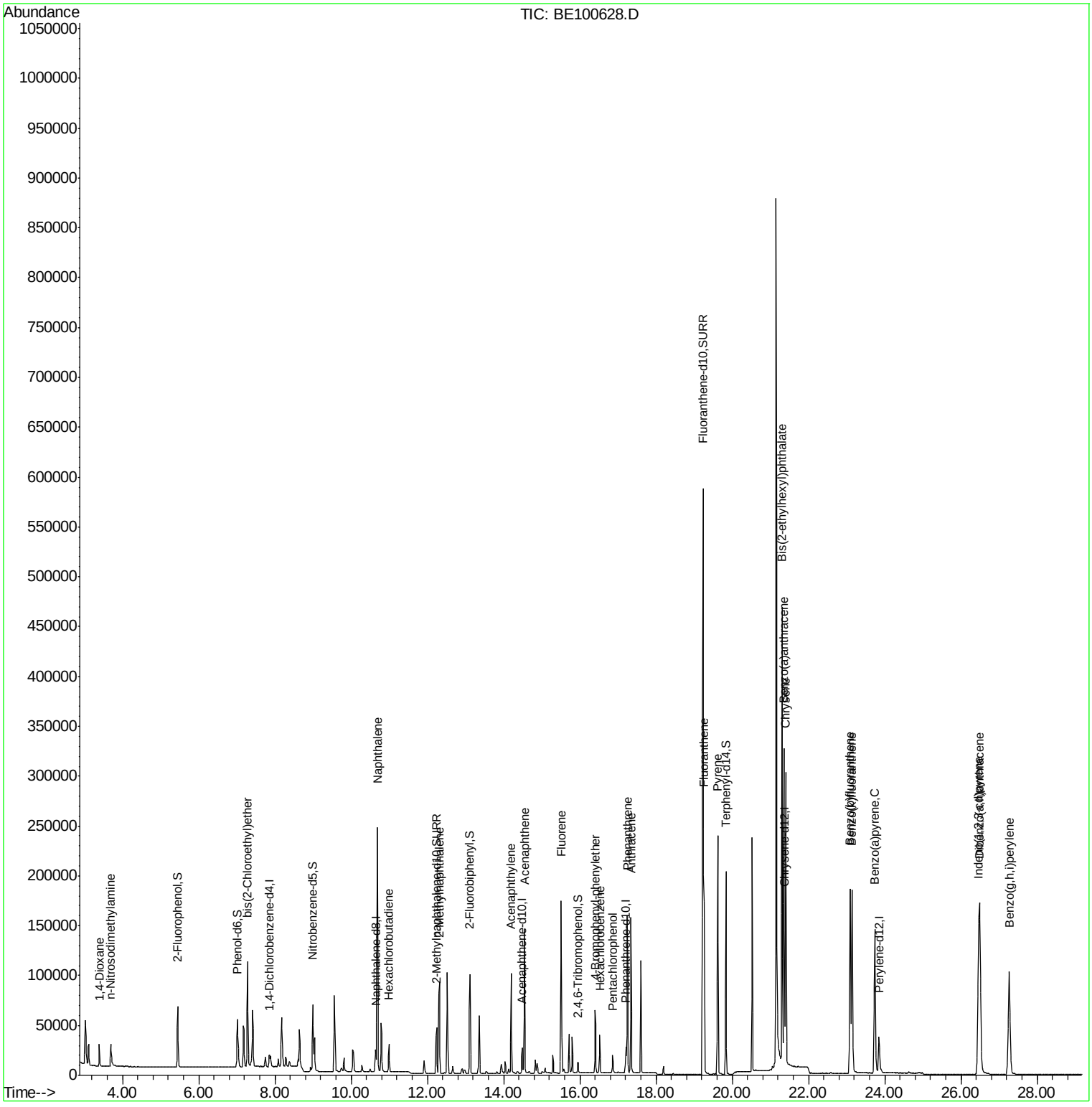
(#) = qualifier out of range (m) = manual integration (+) = signals summed

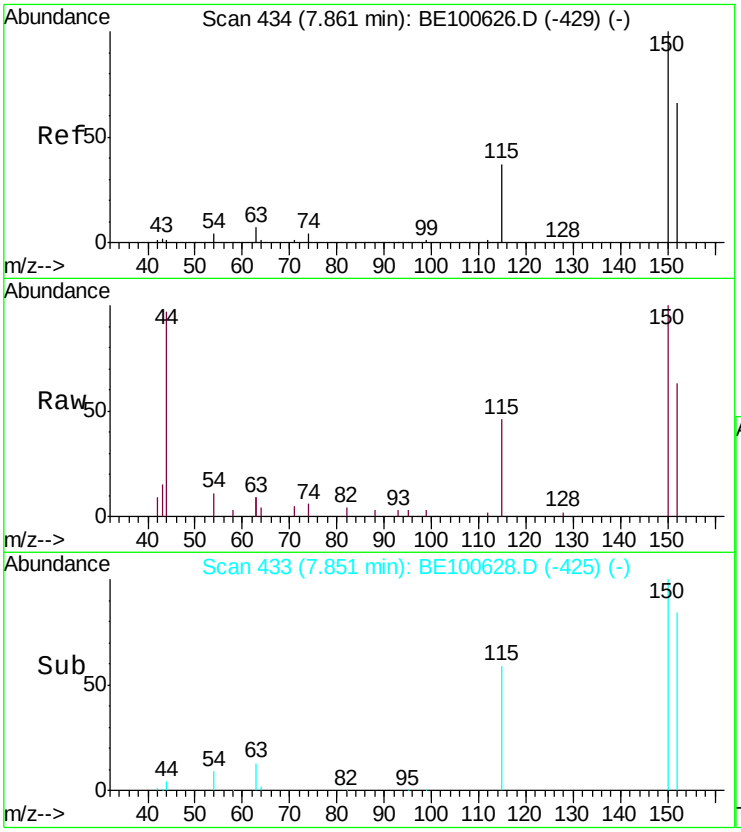
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101019\
Data File : BE100628.D
Acq On : 10 Oct 2019 12:15
Operator : JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Oct 10 12:59:23 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 12:09:50 2019
Response via : Initial Calibration



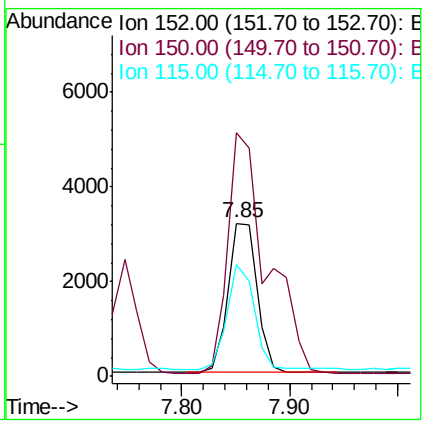


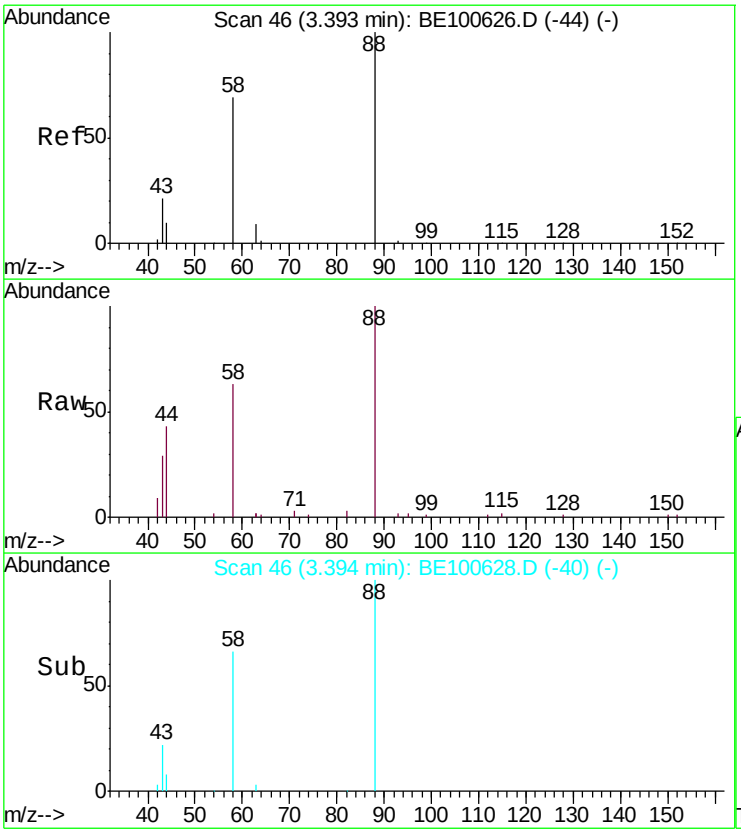
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 5831

Ion	Ratio	Lower	Upper
152	100		
150	159.0	120.7	181.1
115	72.6	48.0	72.0#

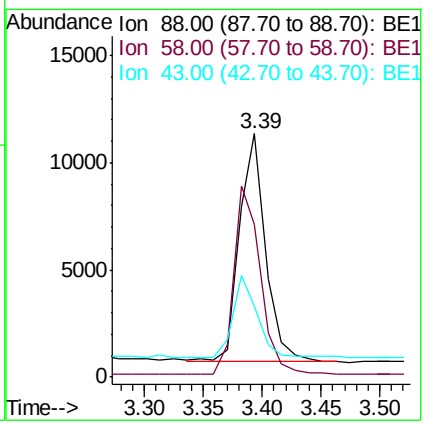


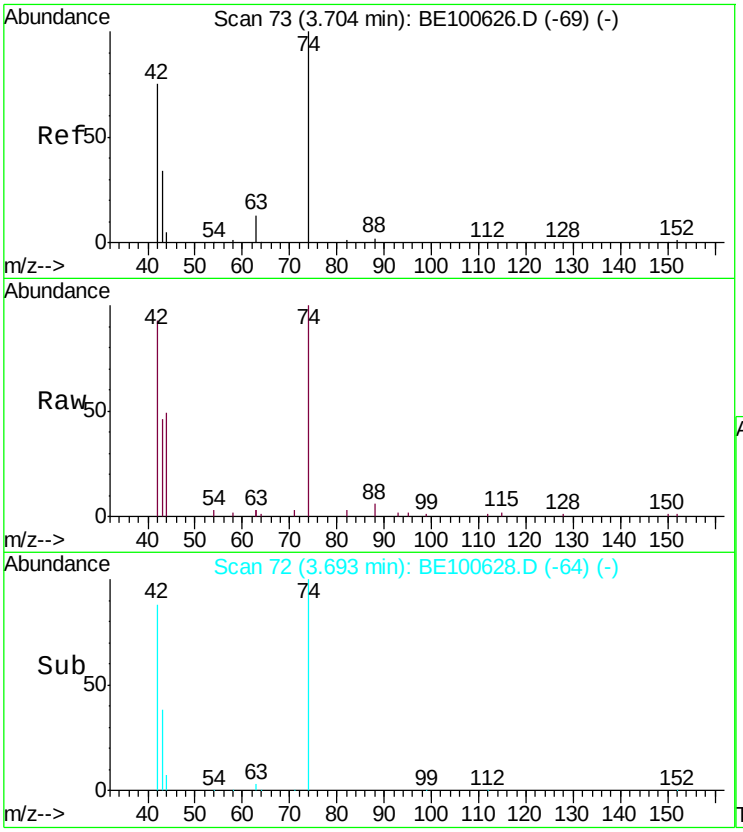


#2
1,4-Dioxane
Concen: 1.661 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion: 88 Resp: 16312

Ion	Ratio	Lower	Upper
88	100		
58	84.7	0.0	0.0#
43	34.1	0.0	0.0#



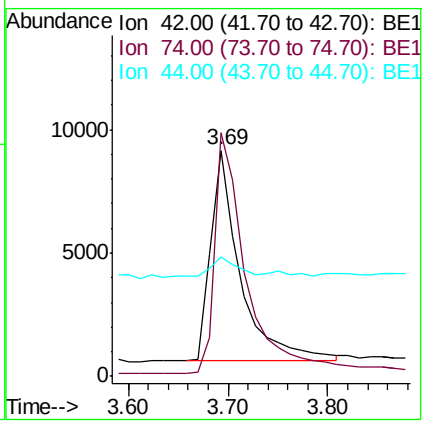


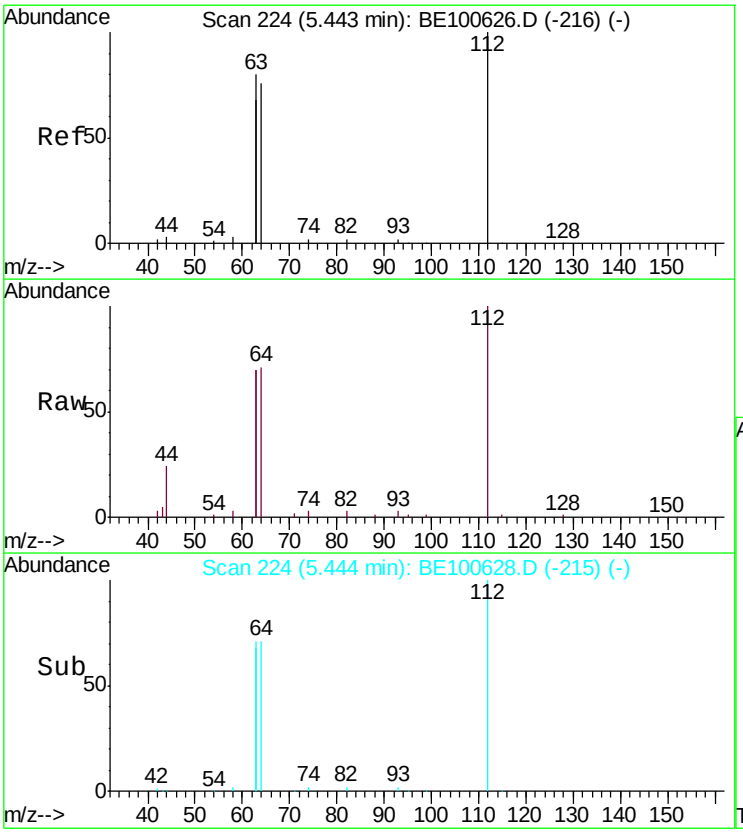
#3
n-Nitrosodimethylamine
Concen: 3.821 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.01 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 17659

Ion	Ratio	Lower	Upper
42	100		
74	119.8	91.7	137.5
44	7.8	8.2	12.2#

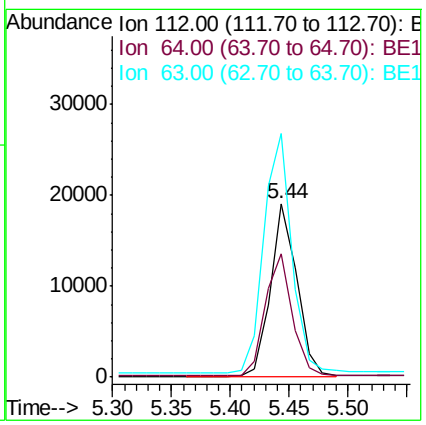


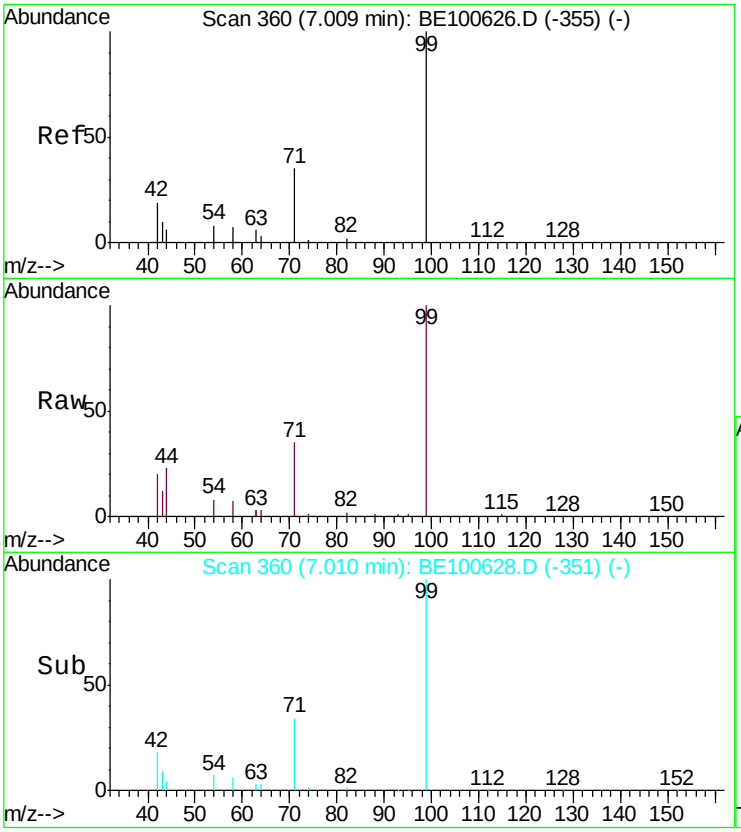


#4
2-Fluorophenol
Concen: 1.872 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion:112 Resp: 29452

Ion	Ratio	Lower	Upper
112	100		
64	72.8	58.9	88.3
63	146.4	118.3	177.5



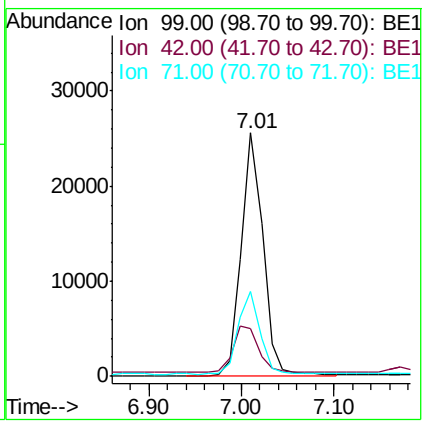


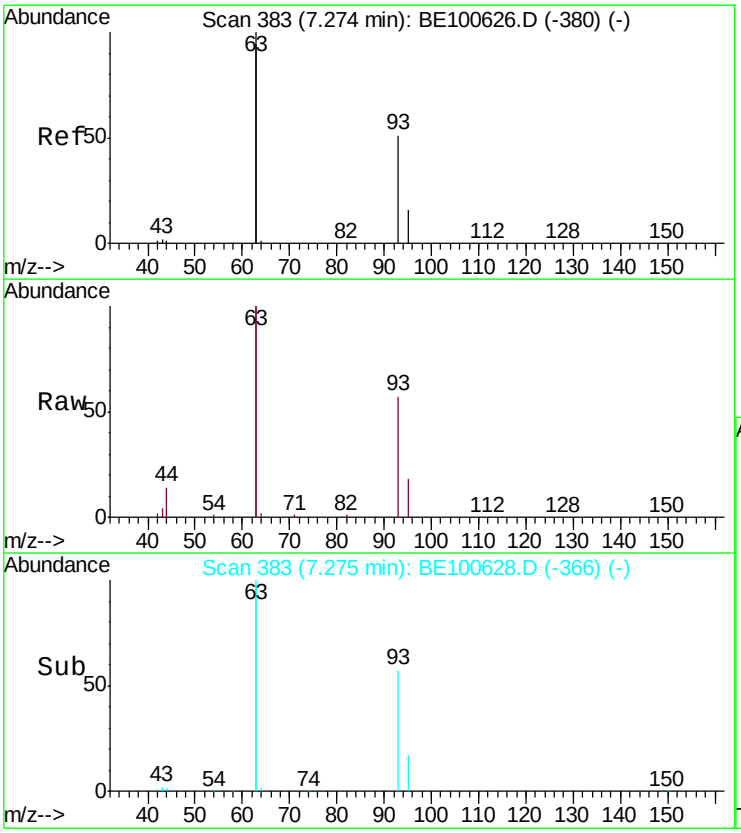
#5
Phenol-d6
Concen: 2.106 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 41641

Ion	Ratio	Lower	Upper
99	100		
42	22.3	19.4	29.2
71	34.4	26.9	40.3

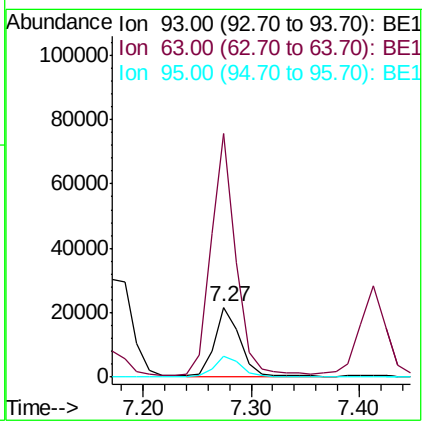


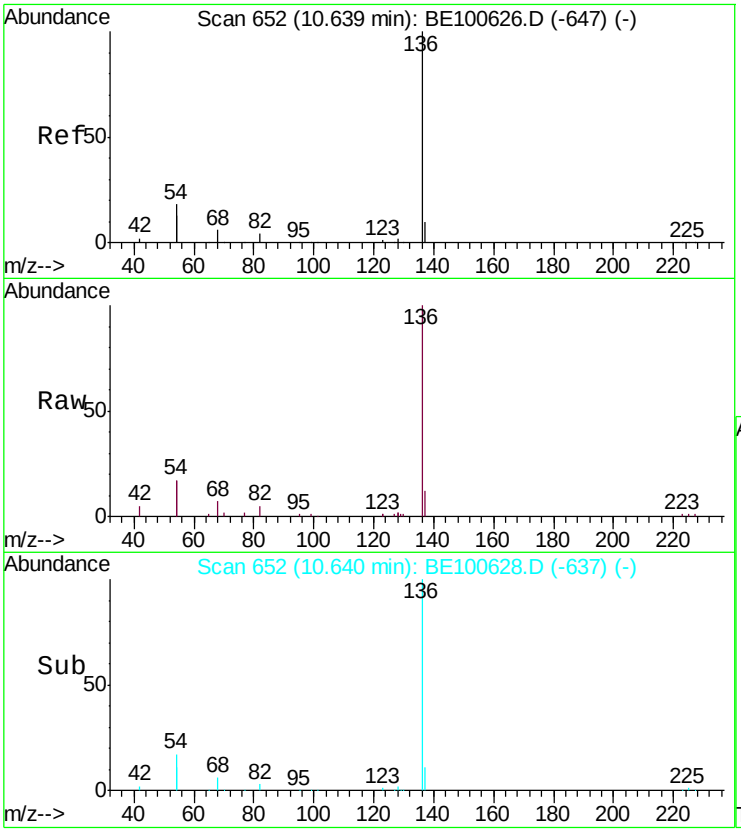


#6
bis(2-Chloroethyl)ether
Concen: 1.886 ng
RT: 7.27 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion: 93 Resp: 34563

Ion	Ratio	Lower	Upper
93	100		
63	345.5	277.4	416.0
95	31.8	24.7	37.1



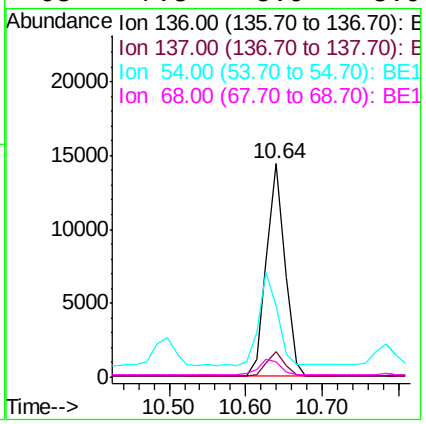


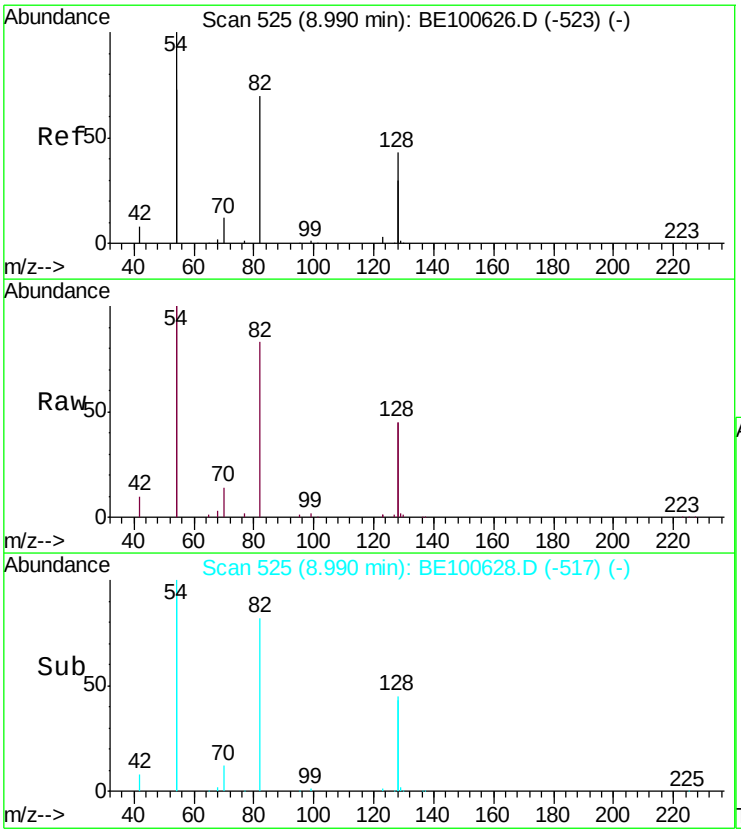
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 24217

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.6	13.0
54	33.5	28.7	43.1
68	7.3	5.9	8.9

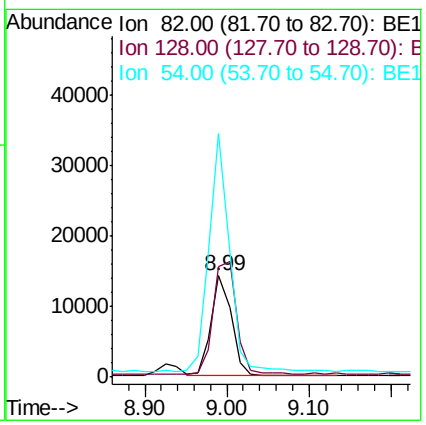


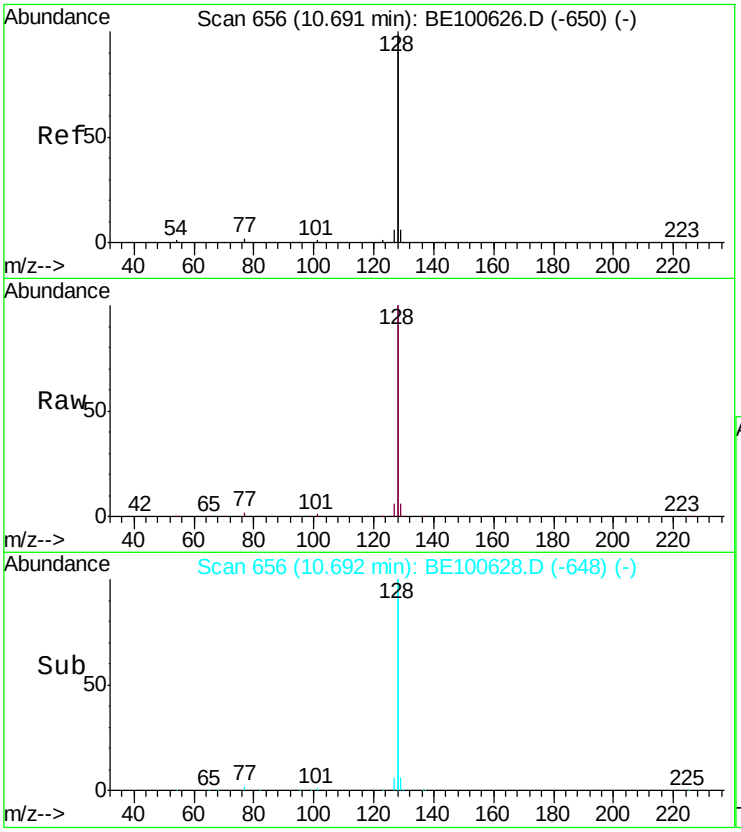


#8
Nitrobenzene-d5
Concen: 1.627 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion: 82 Resp: 24596

Ion	Ratio	Lower	Upper
82	100		
128	109.1	90.7	136.1
54	240.9	210.9	316.3



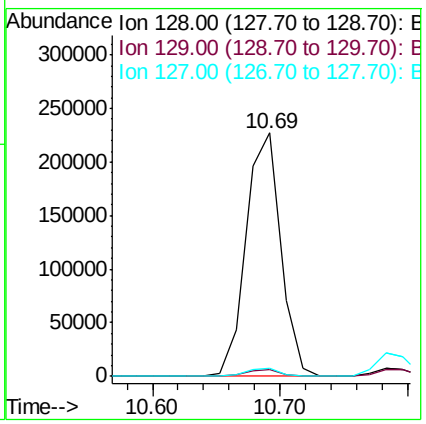


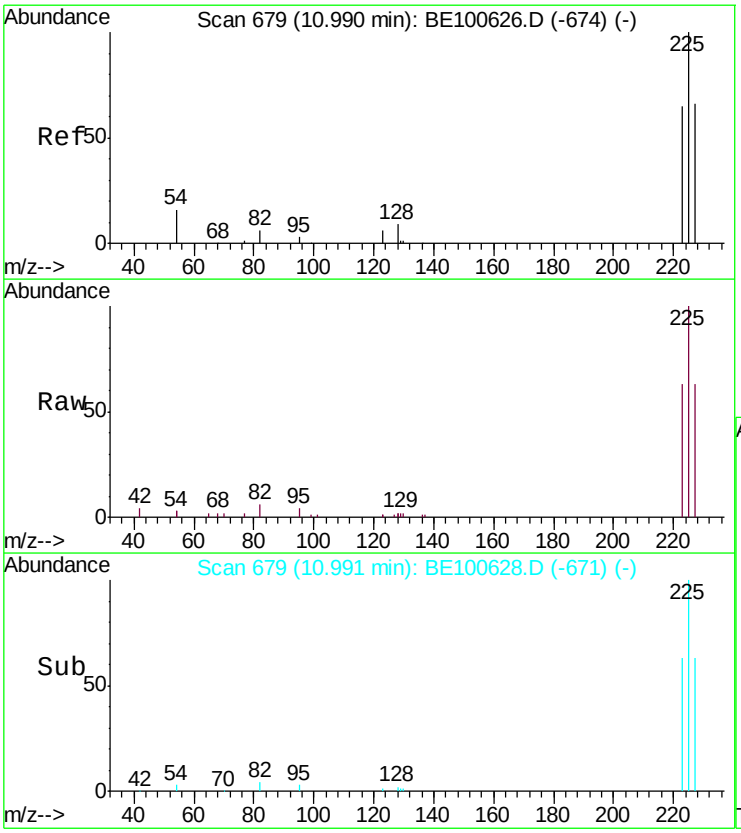
#9
Naphthalene
Concen: 1.700 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 424585

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.4	3.6
127	3.2	2.6	3.8

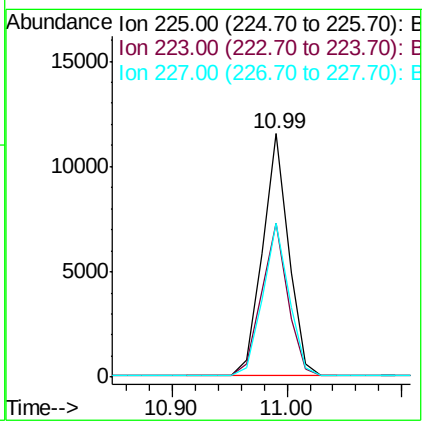


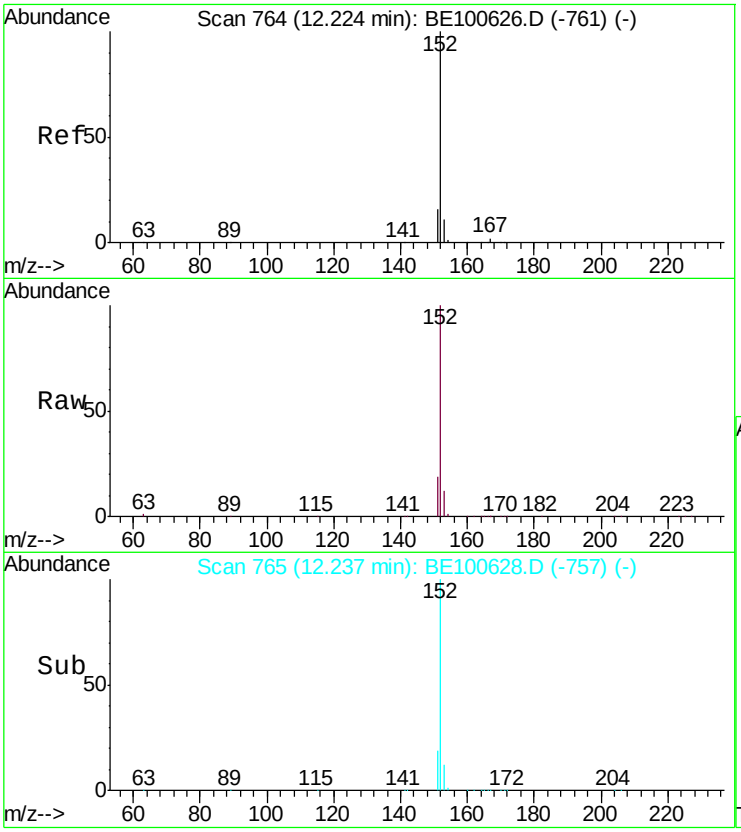


#10
Hexachlorobutadiene
Concen: 2.284 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion:225 Resp: 18404

Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.2	76.8
227	63.4	51.8	77.8



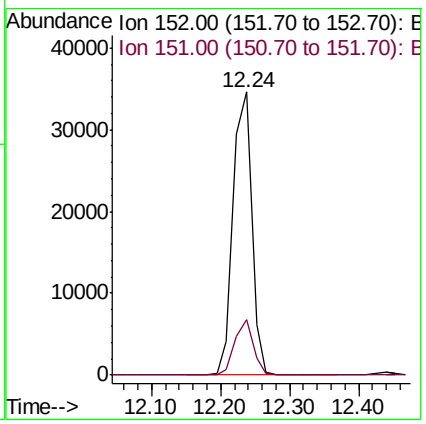


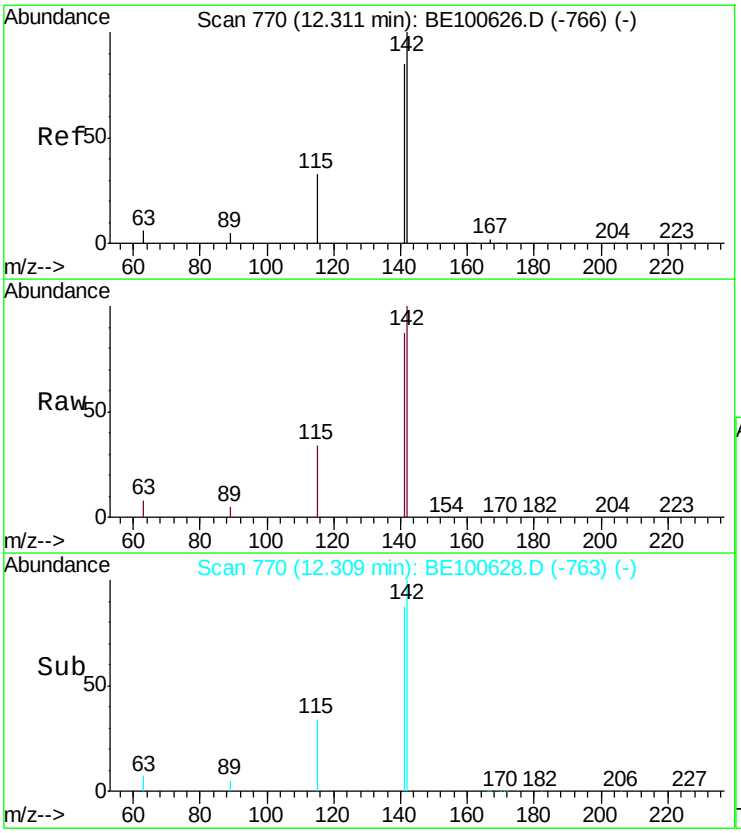
#11
2-Methylnaphthalene-d10
Concen: 1.779 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 64479

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8

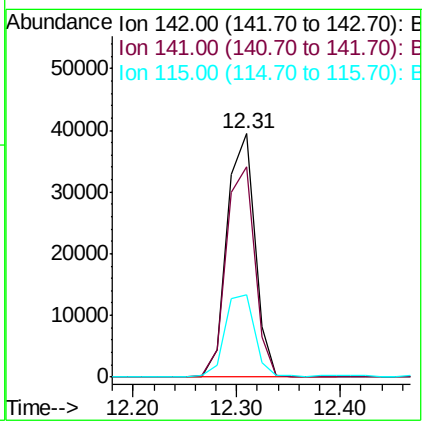


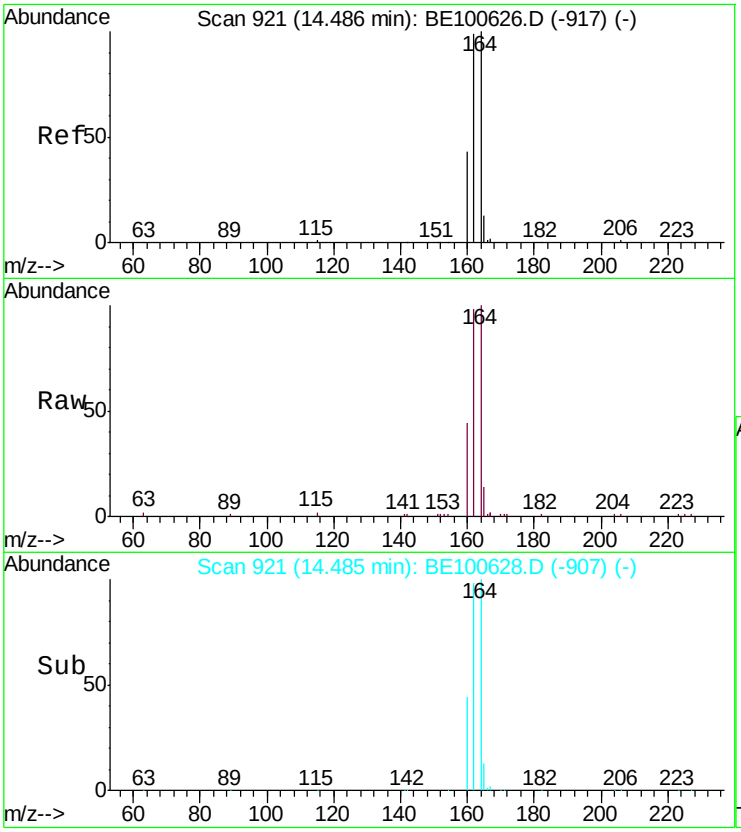


#12
2-Methylnaphthalene
Concen: 1.785 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion:142 Resp: 73248

Ion	Ratio	Lower	Upper
142	100		
141	86.6	68.3	102.5
115	33.9	27.5	41.3



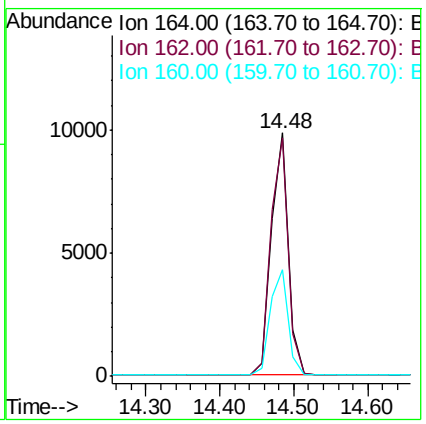


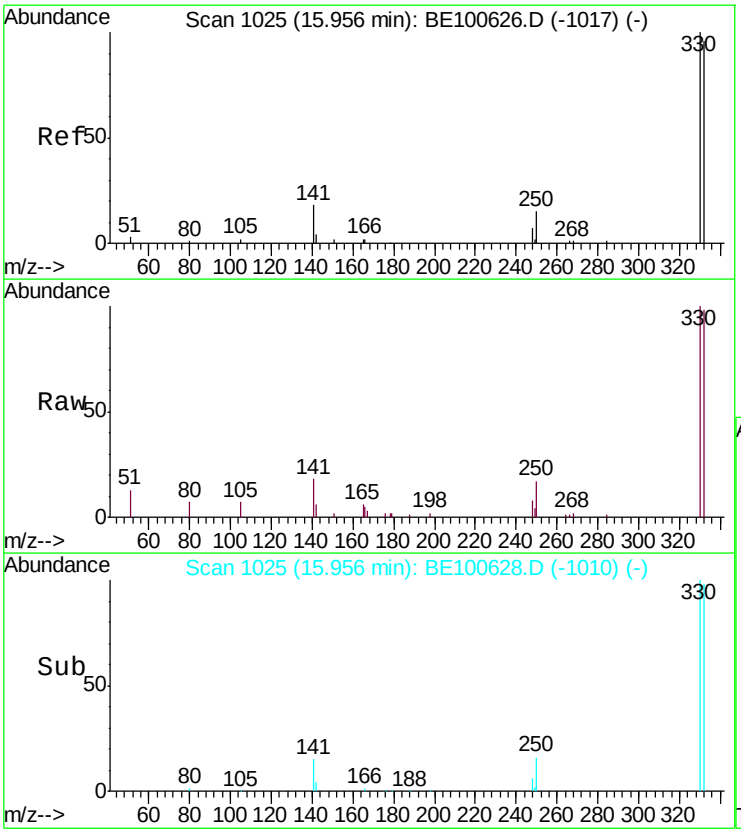
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 16048

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.1	118.7
160	43.9	34.7	52.1

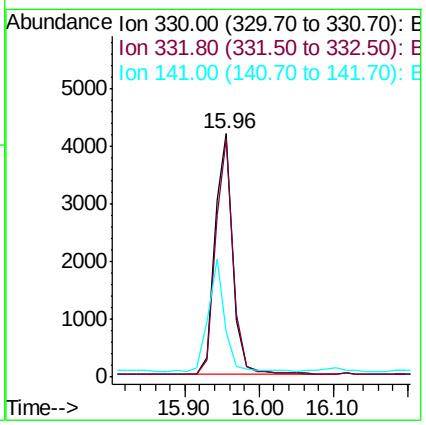


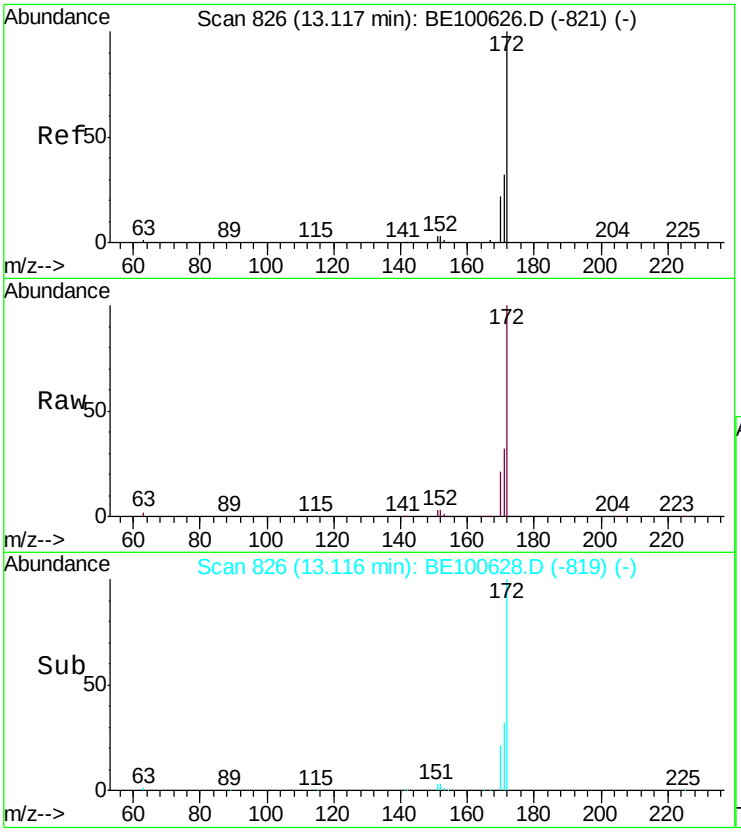


#14
2,4,6-Tribromophenol
Concen: 1.926 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion:330 Resp: 7063

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.2	112.8
141	41.7	37.5	56.3



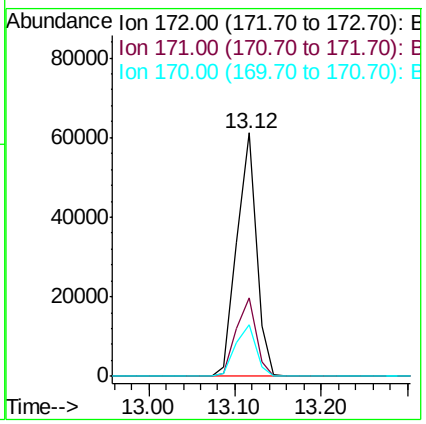


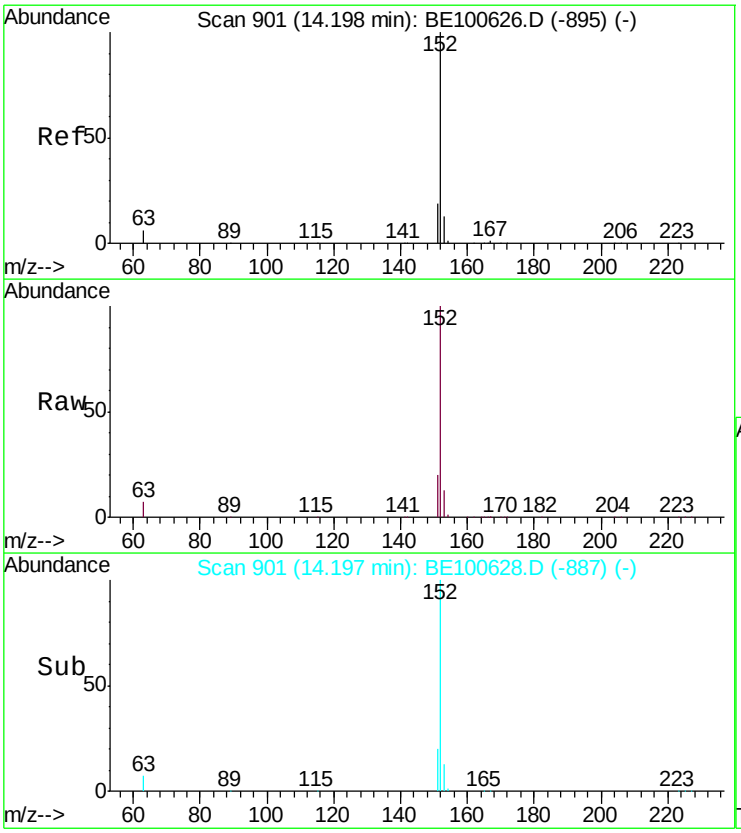
#15
2-Fluorobiphenyl
Concen: 1.636 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 95251

Ion	Ratio	Lower	Upper
172	100		
171	32.0	26.2	39.4
170	21.4	17.5	26.3

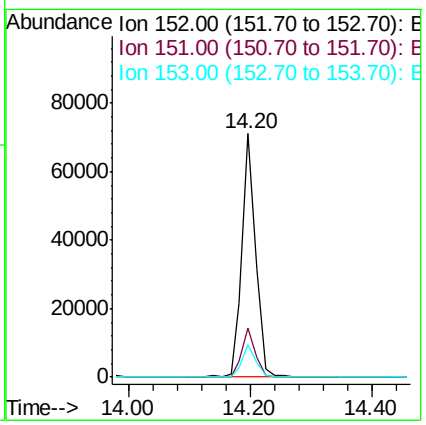


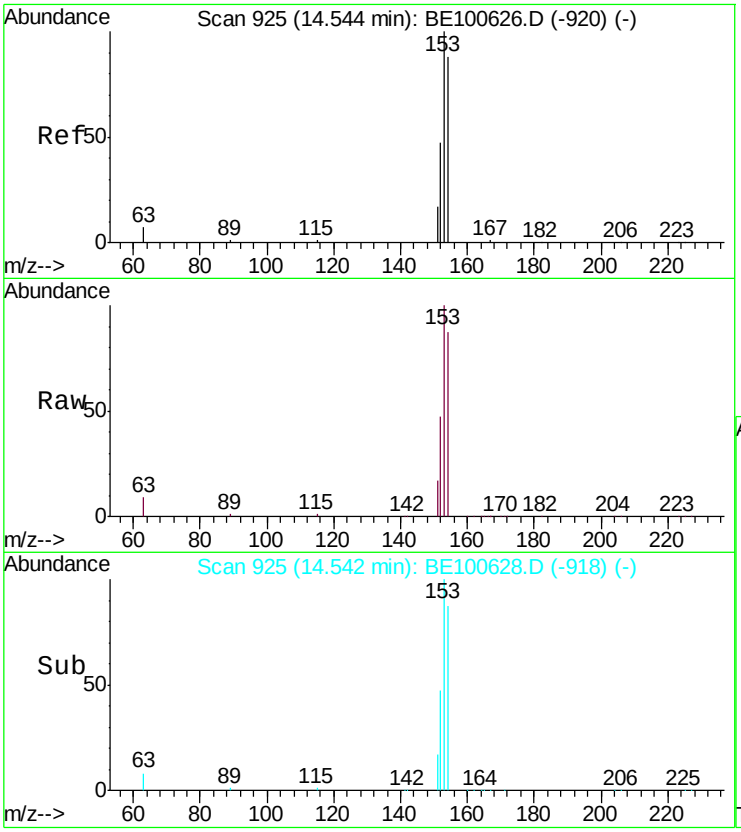


#16
Acenaphthylene
Concen: 1.630 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion:152 Resp: 111123

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.0	10.5	15.7



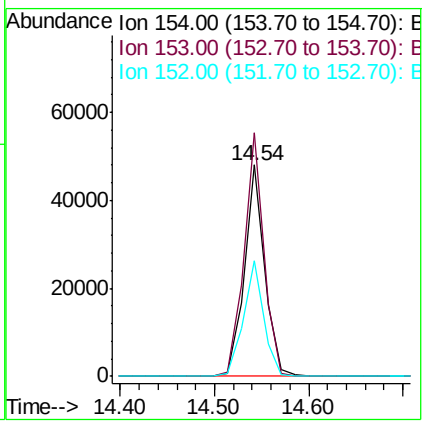


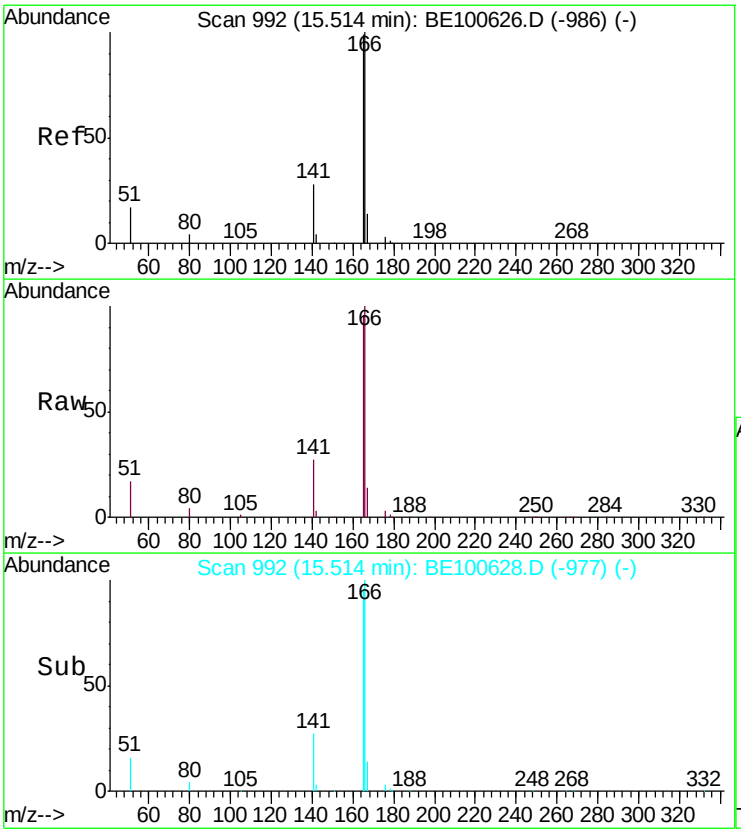
#17
Acenaphthene
Concen: 1.576 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 71920

Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.4	137.2
152	54.5	44.0	66.0

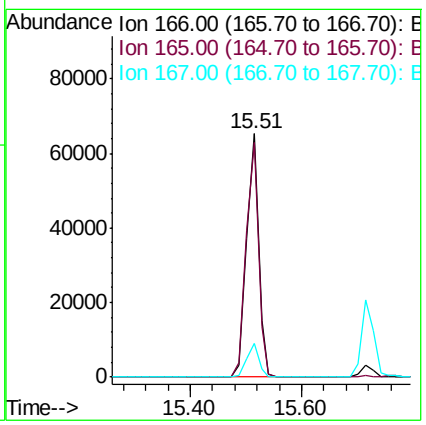


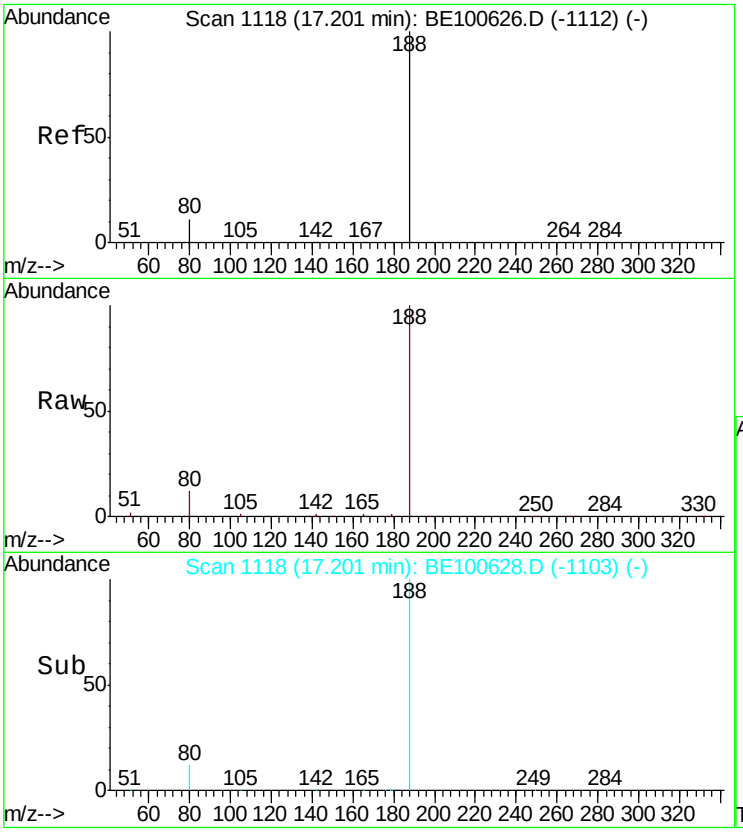


#18
Fluorene
Concen: 1.677 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion:166 Resp: 97828

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.9	118.3
167	13.6	10.9	16.3



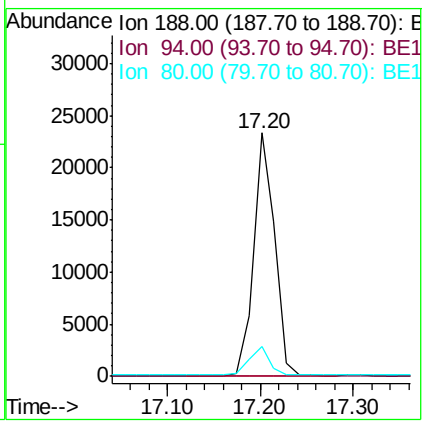


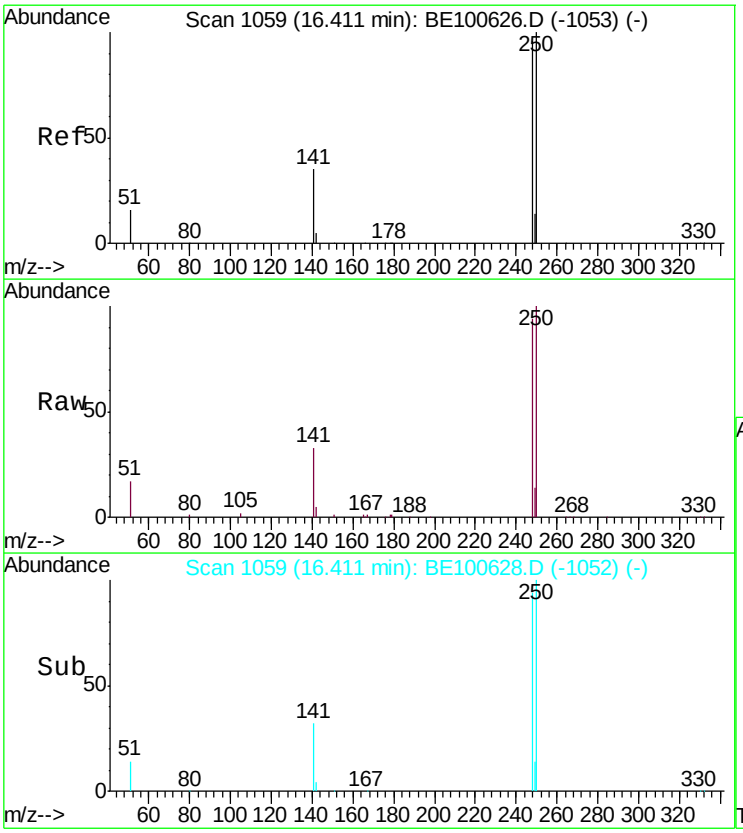
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 36573

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	9.4	14.2

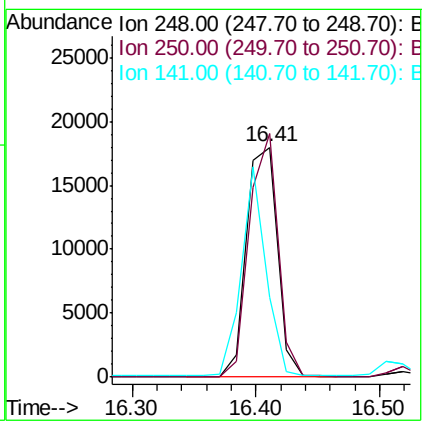


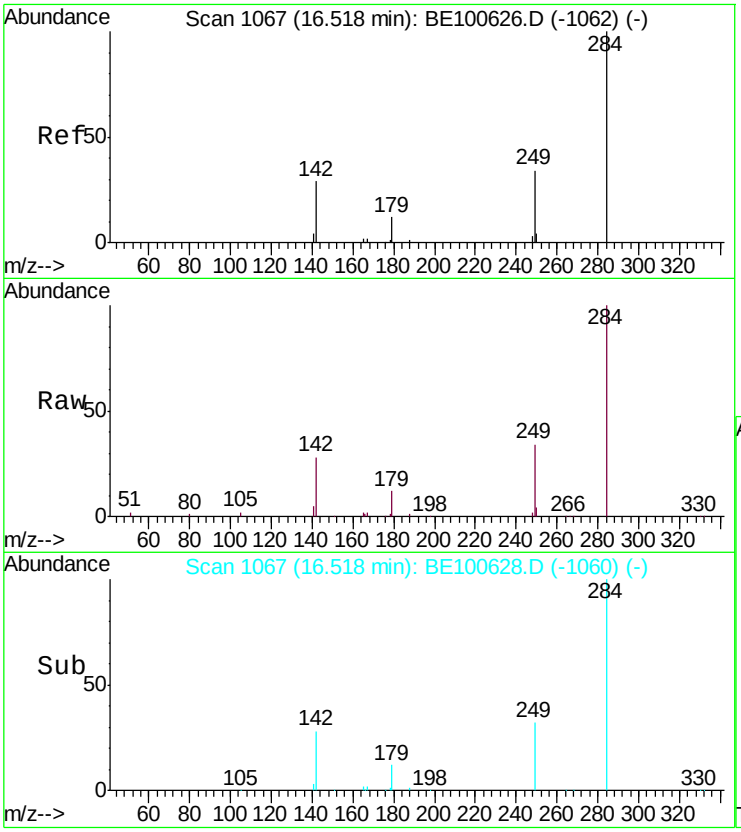


#20
4-Bromophenyl-phenylether
Concen: 1.715 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion:248 Resp: 31061

Ion	Ratio	Lower	Upper
248	100		
250	106.0	83.4	125.2
141	34.6	30.8	46.2



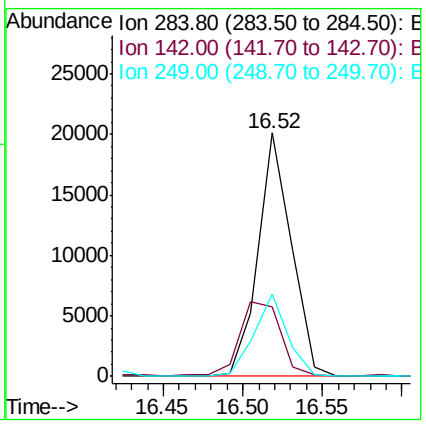


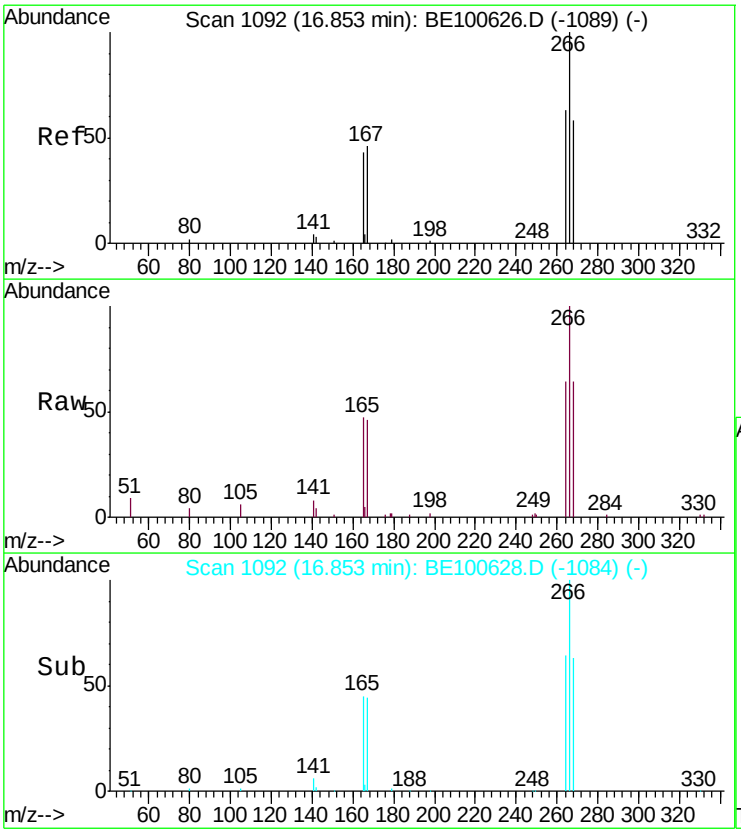
#21
Hexachlorobenzene
Concen: 1.923 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 29307

Ion	Ratio	Lower	Upper
284	100		
142	36.4	29.8	44.8
249	33.3	27.3	40.9

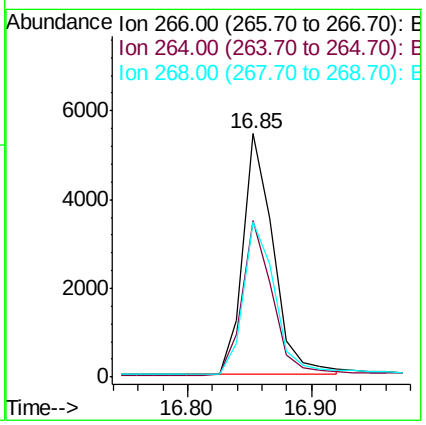


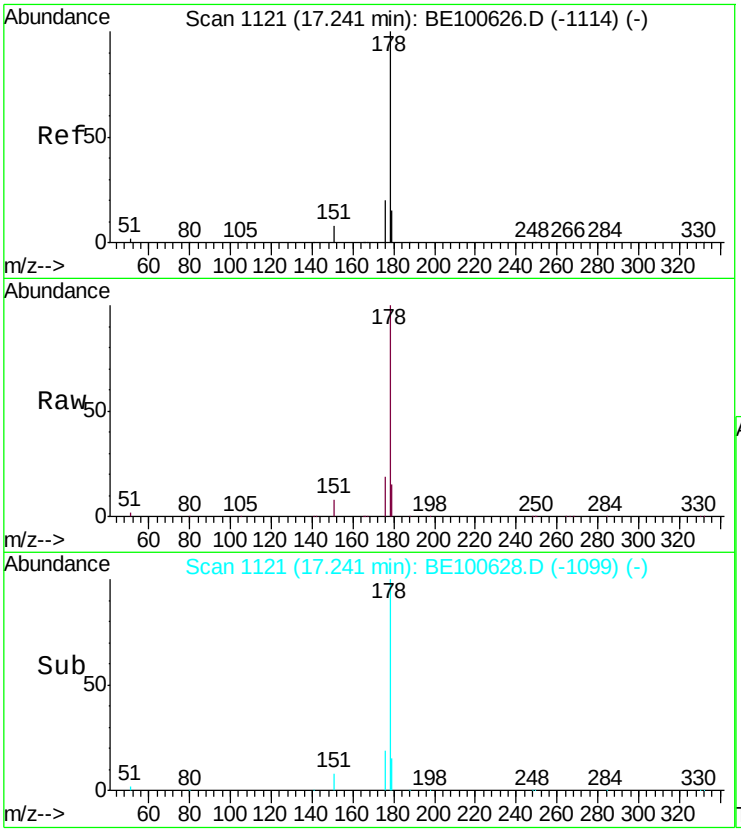


#22
Pentachlorophenol
Concen: 2.199 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion:266 Resp: 9264

Ion	Ratio	Lower	Upper
266	100		
264	64.4	50.7	76.1
268	63.9	48.5	72.7



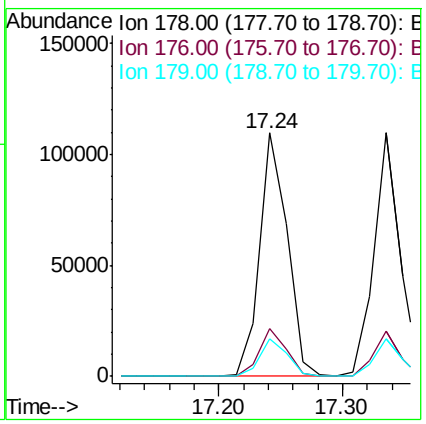


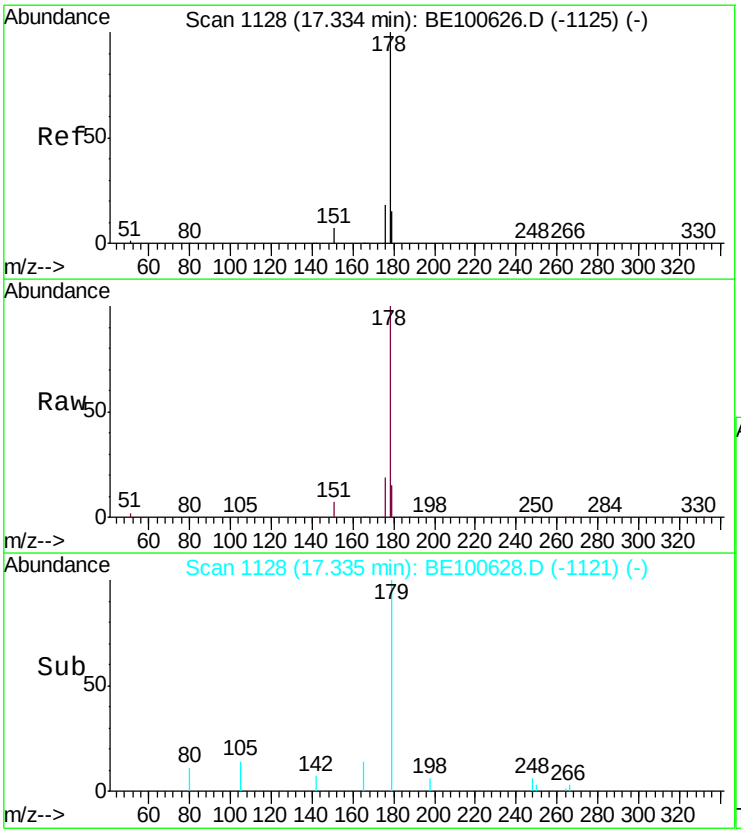
#23
Phenanthrene
Concen: 1.614 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 167885

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.3	12.4	18.6

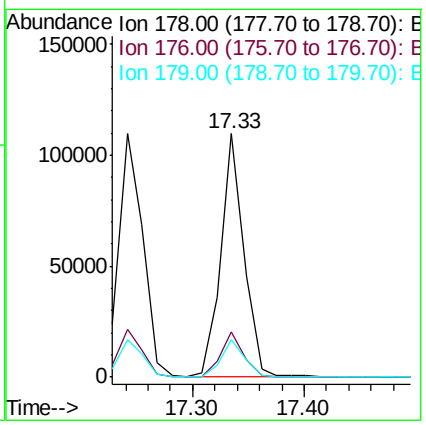


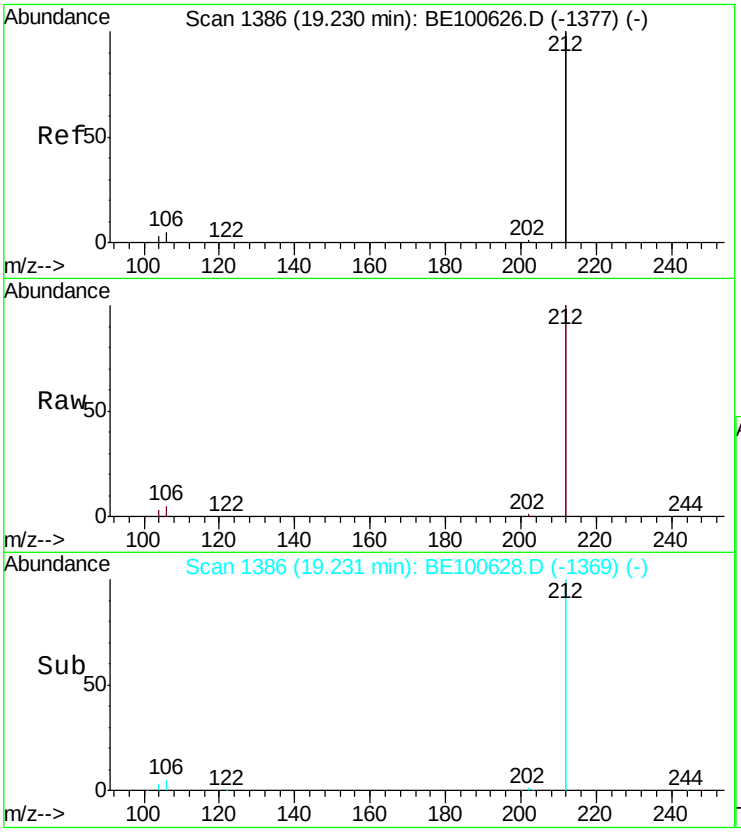


#24
Anthracene
Concen: 1.763 ng
RT: 17.33 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion:178 Resp: 157920

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.5	21.7
179	15.4	12.4	18.6



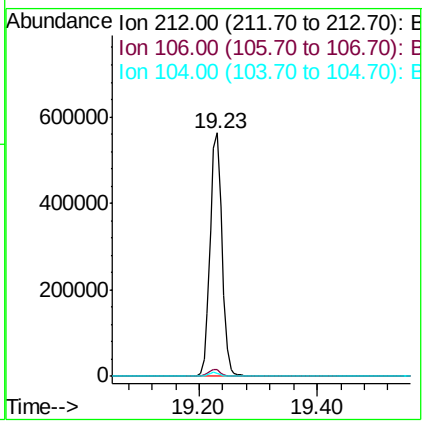


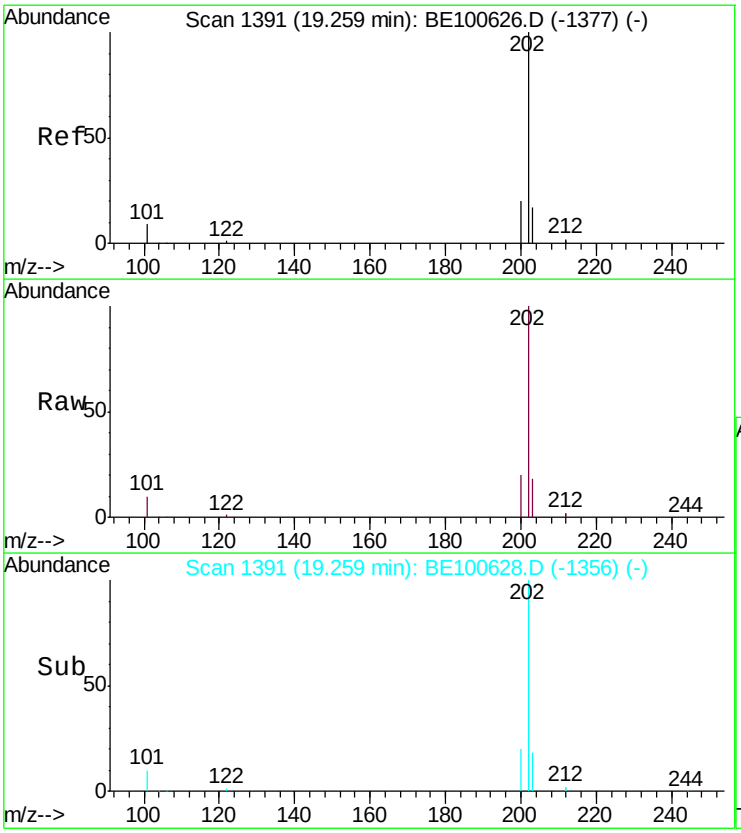
#25
Fluoranthene-d10
Concen: 1.762 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 795148

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.2	3.4
104	1.6	1.3	1.9

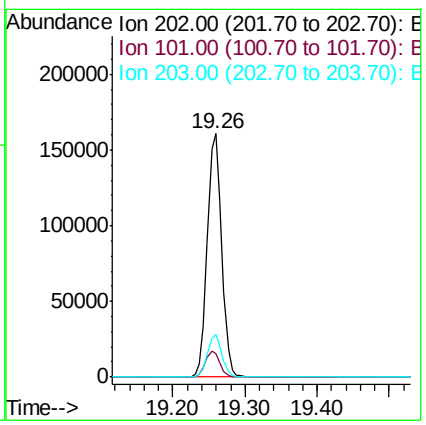


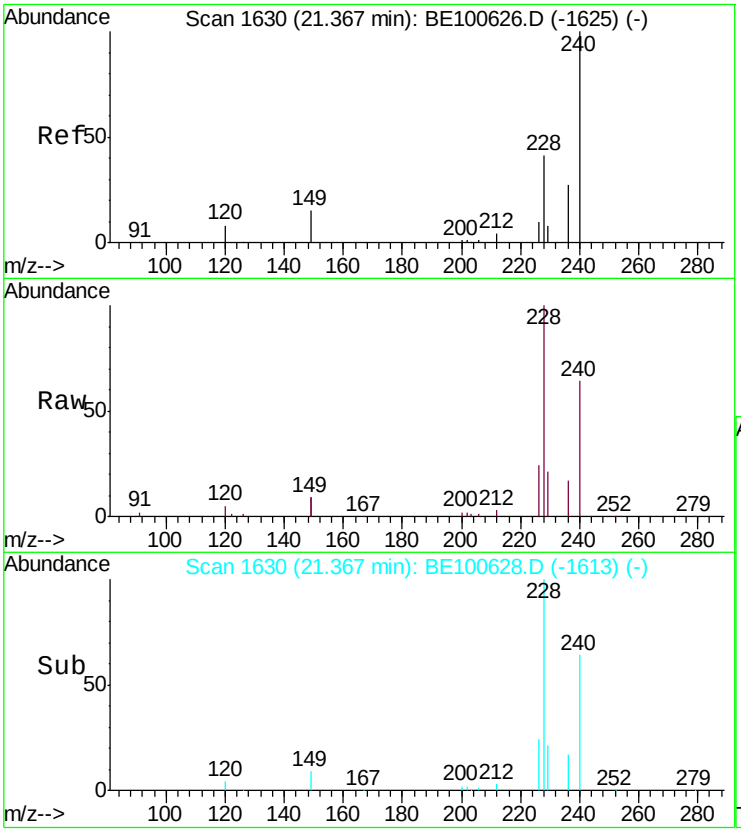


#26
Fluoranthene
Concen: 1.730 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion:202 Resp: 221727

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.4	12.6
203	17.4	13.8	20.6



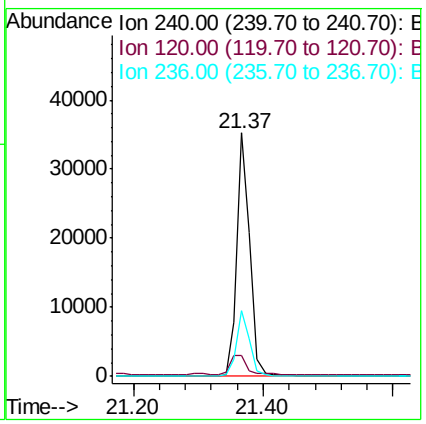


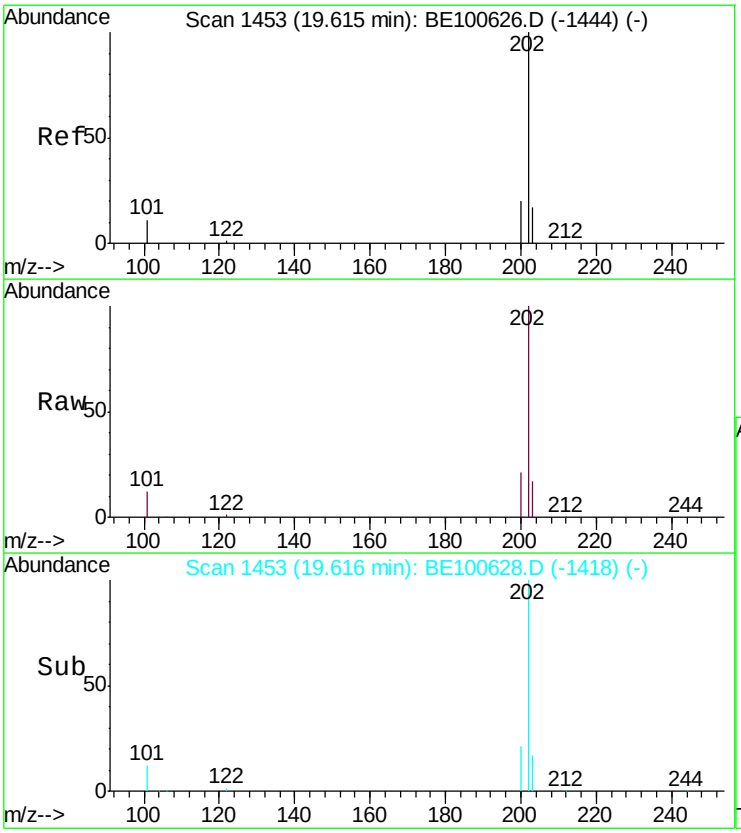
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 49187

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.4	11.0
236	27.0	21.7	32.5

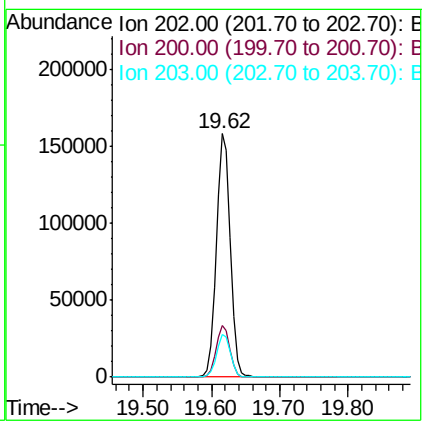


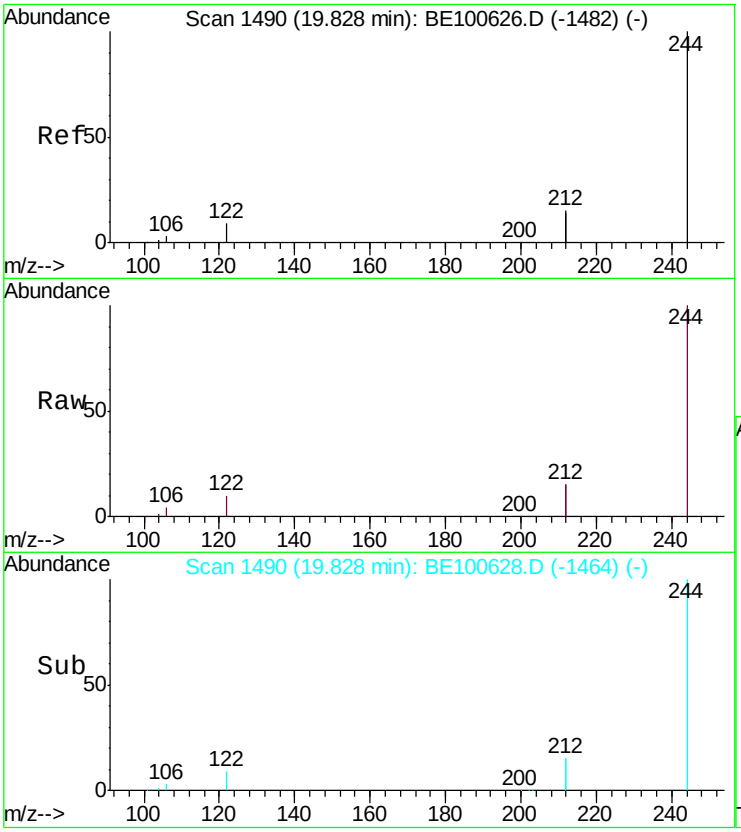


#28
Pyrene
Concen: 1.795 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion:202 Resp: 226380

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.5	13.9	20.9



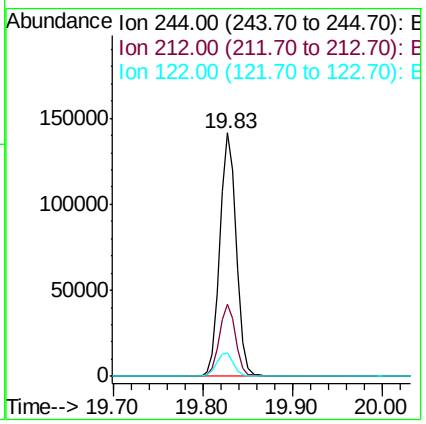


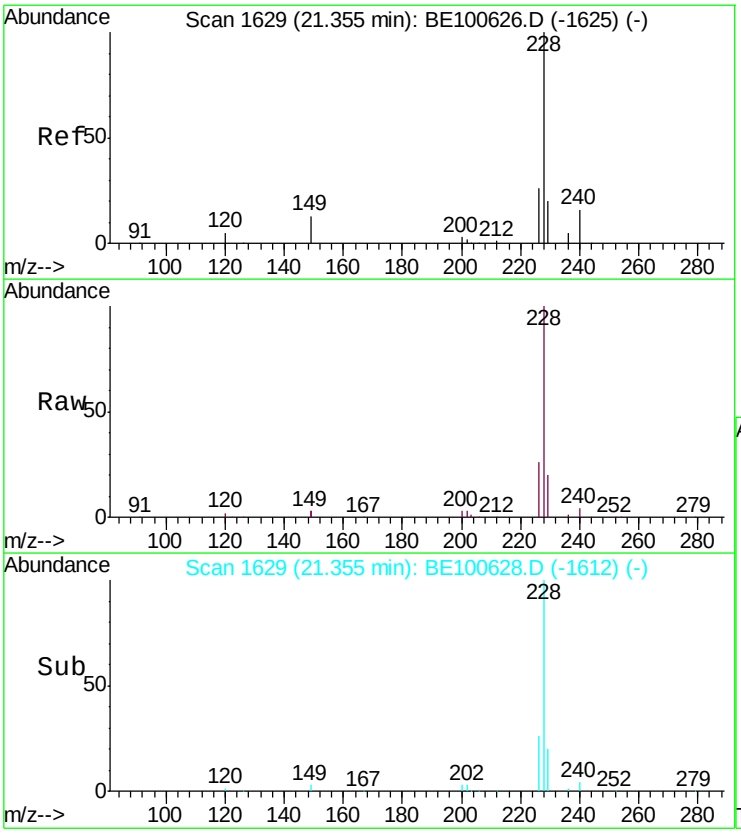
#29
Terphenyl-d14
Concen: 1.655 ng
RT: 19.83 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 179906

Ion	Ratio	Lower	Upper
244	100		
212	29.8	23.9	35.9
122	9.5	7.7	11.5

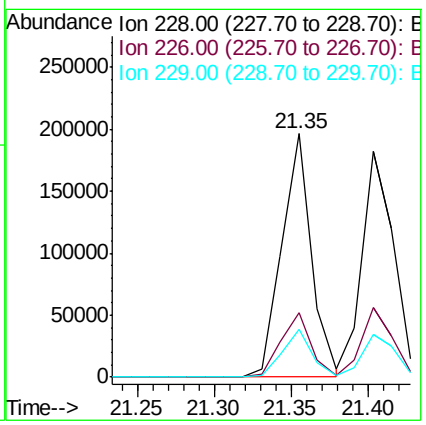


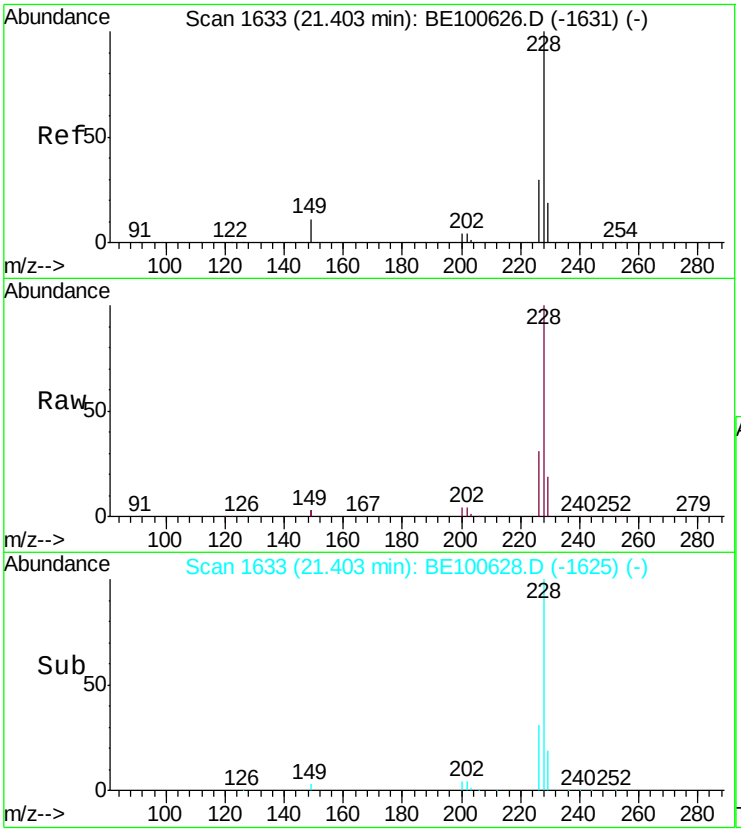


#30
Benzo(a)anthracene
Concen: 1.913 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion:228 Resp: 263058

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.0	31.6
229	19.6	15.8	23.8



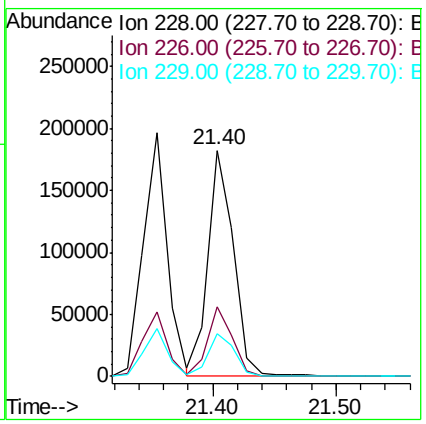


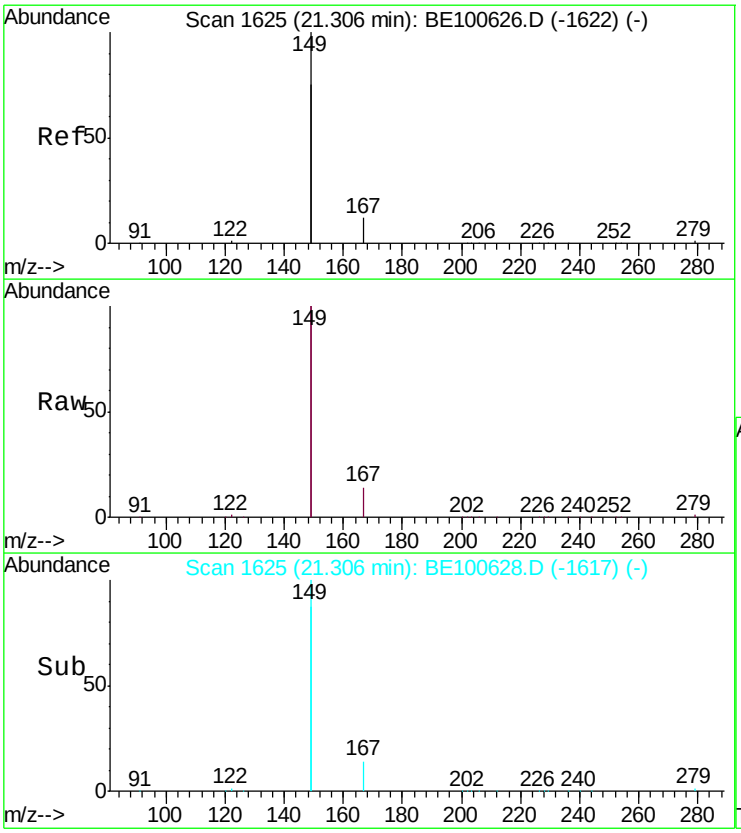
#31
Chrysene
Concen: 1.766 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 259746

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	19.1	15.6	23.4

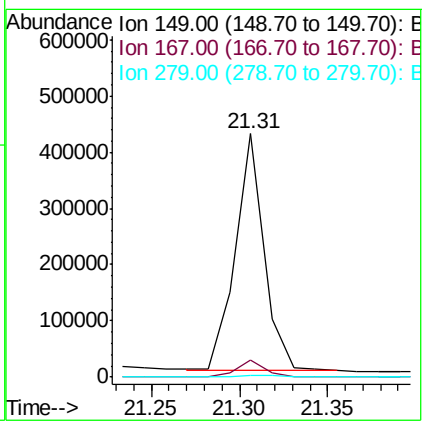


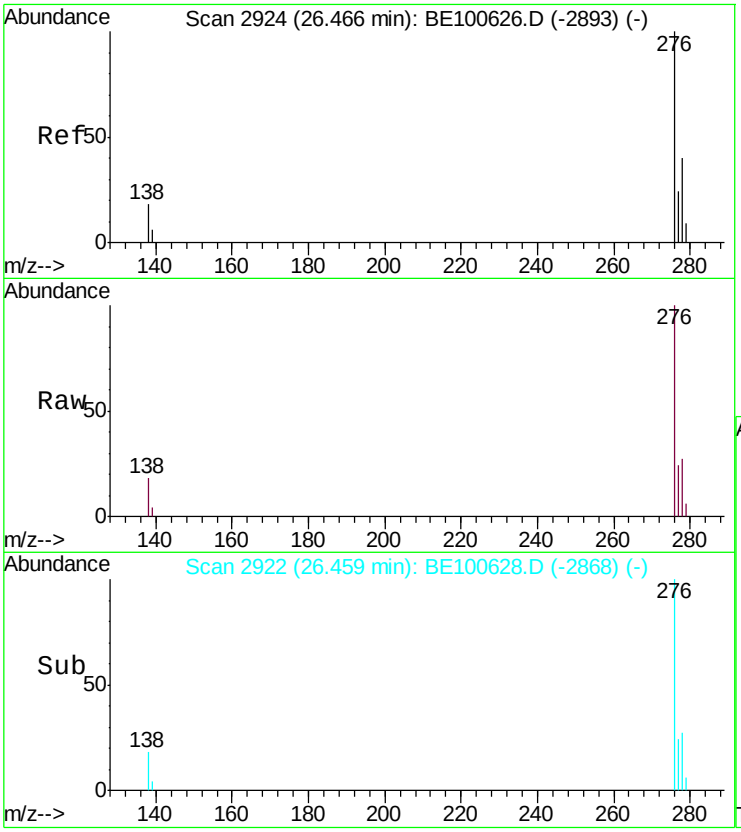


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.819 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion:149 Resp: 477845

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.2
279	1.0	1.5	2.3#



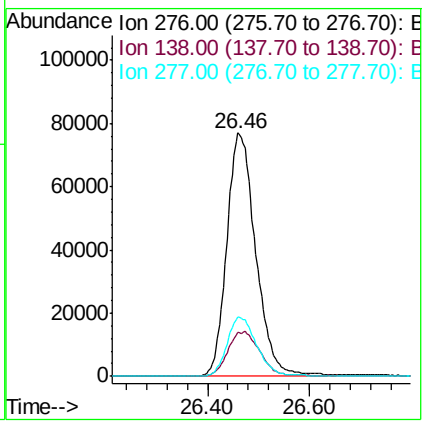


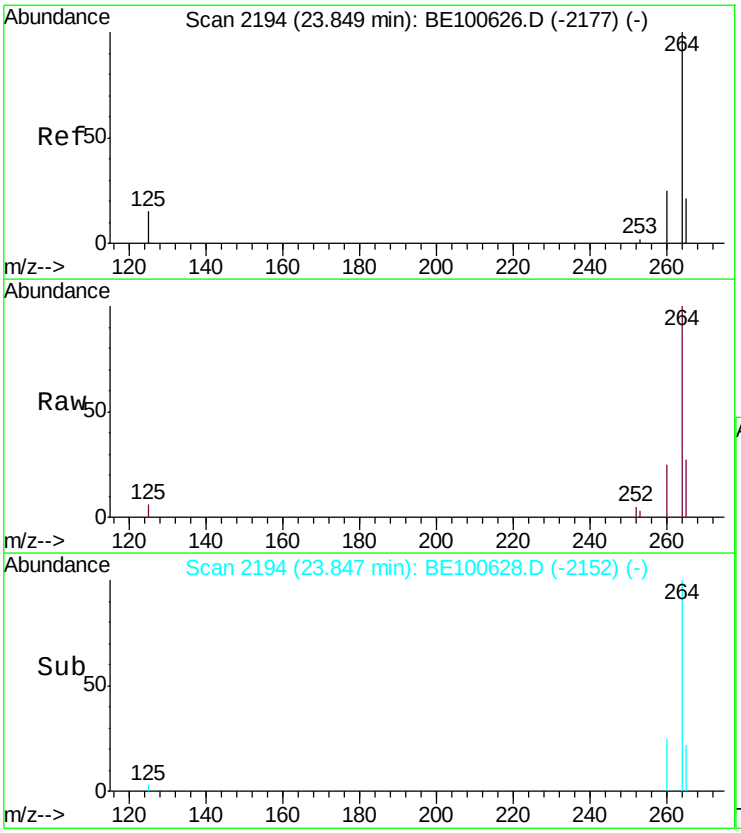
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.753 ng
RT: 26.46 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 303708

Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.0	24.0
277	24.9	19.7	29.5

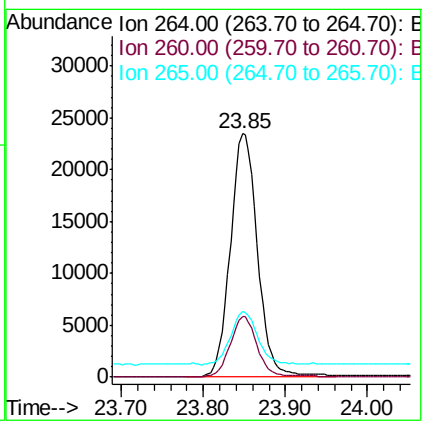


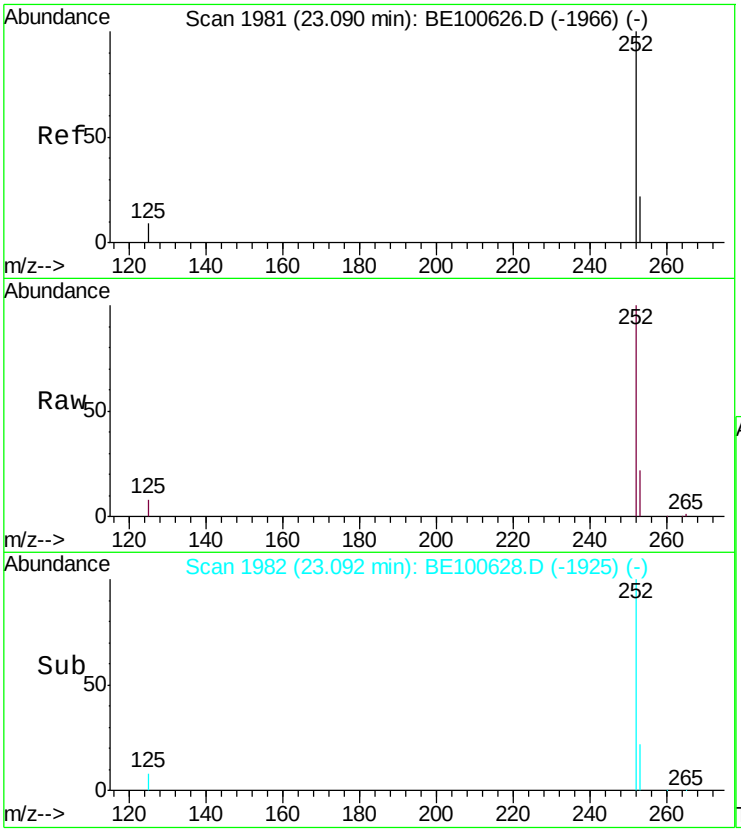


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion:264 Resp: 53458

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.9	29.9
265	26.9	20.0	30.0



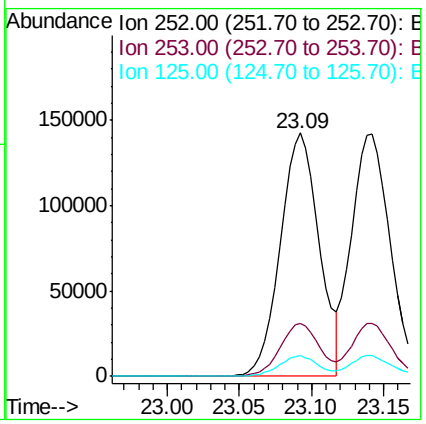


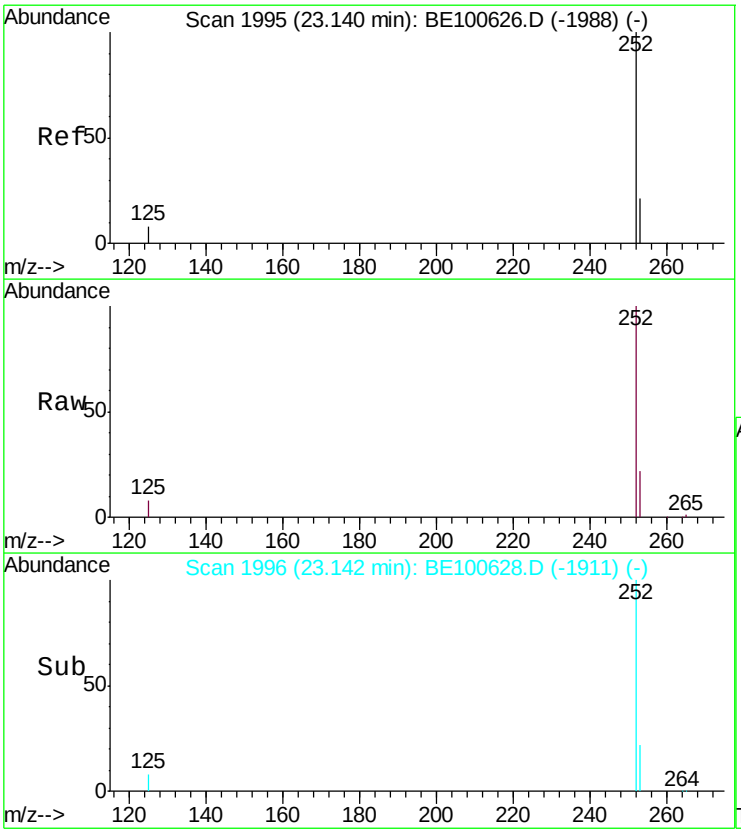
#35
Benzo(b)fluoranthene
Concen: 1.841 ng
RT: 23.09 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 266721

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	8.4	7.6	11.4

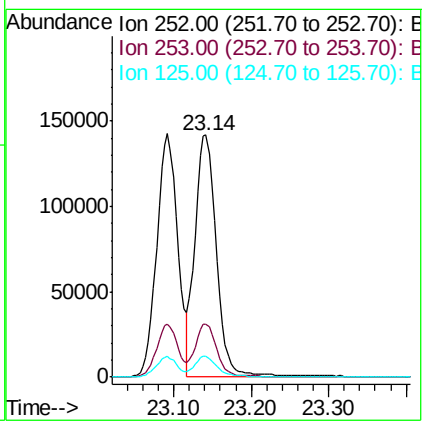


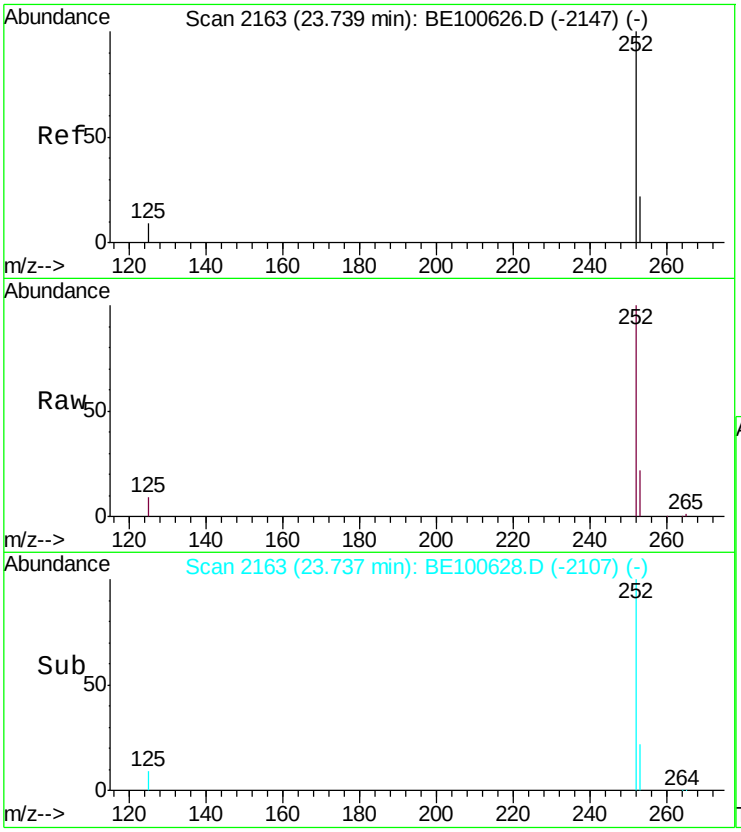


#36
Benzo(k)fluoranthene
Concen: 1.641 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion:252 Resp: 270265

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	8.5	7.6	11.4



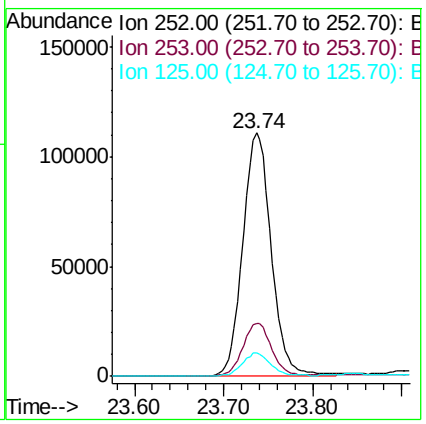


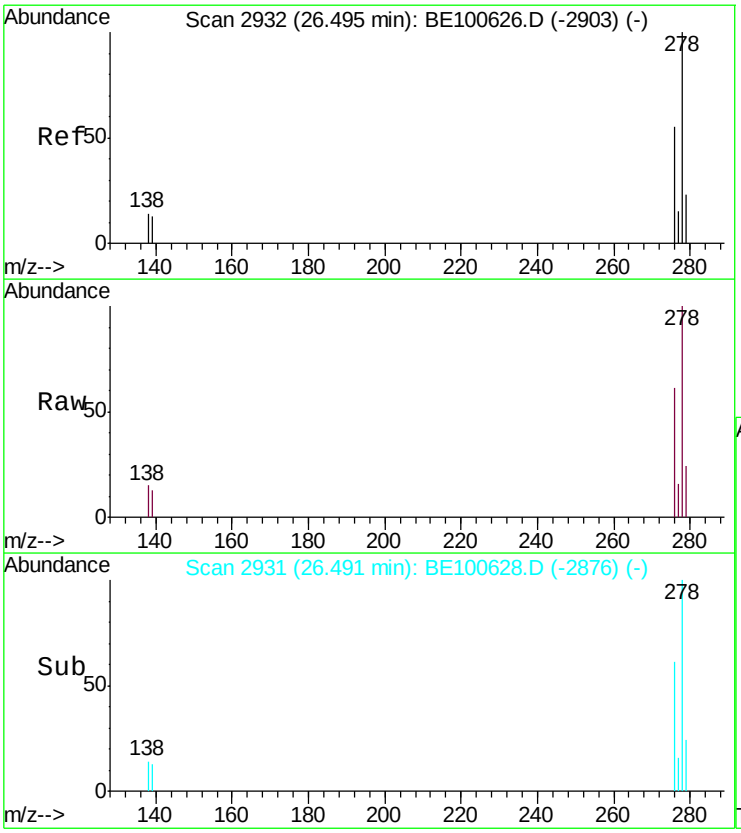
#37
Benzo(a)pyrene
Concen: 1.826 ng
RT: 23.74 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 242775

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	9.4	8.1	12.1

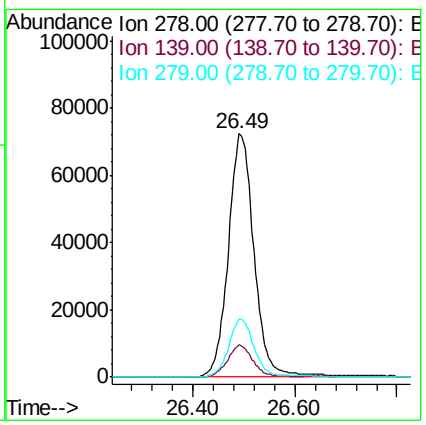


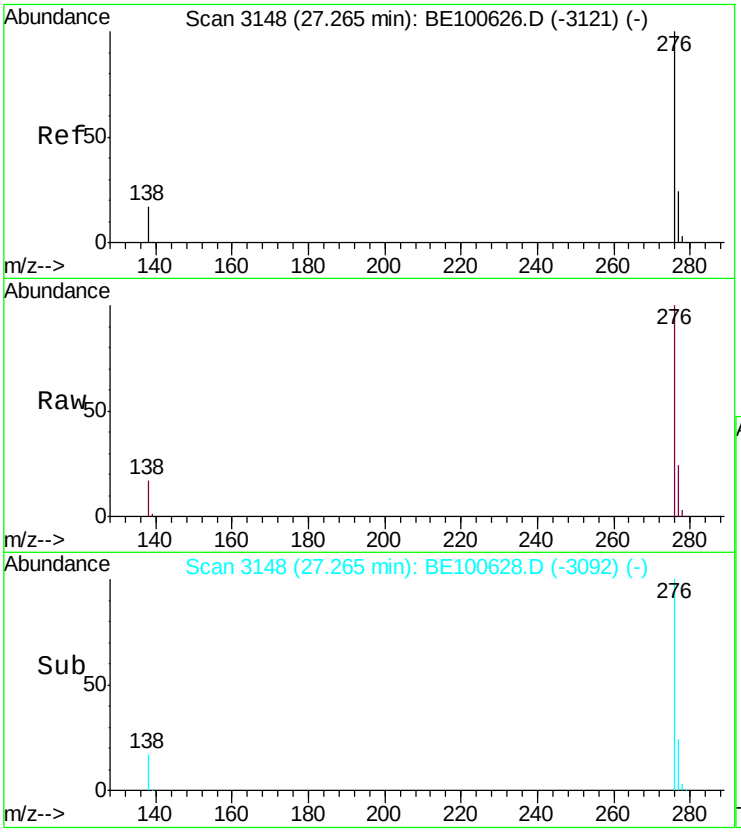


#38
Dibenzo(a,h)anthracene
Concen: 1.805 ng
RT: 26.49 min Scan# 2931
Delta R.T. -0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Tgt Ion:278 Resp: 252518

Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.2	16.8
279	23.7	19.0	28.6





#39
Benzo(g,h,i)perylene
Concen: 1.756 ng
RT: 27.27 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BE100628.D
Acq: 10 Oct 2019 12:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 248814

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	17.2	14.5	21.7