Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101019\
Data File : BE100624.D
Acq On : 10 Oct 2019 9:49
Operator : JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Oct 10 12:23:07 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	7.87	152	5507	0.40	ng		0.01
7) Naphthalene-d8	10.65	136	22805	0.40	ng		0.01
13) Acenaphthene-d10	14.49	164	13828	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	32212	0.40	ng		0.00
27) Chrysene-d12	21.37	240	44059	0.40	ng		0.00
34) Perylene-d12	23.85	264	53656	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1761	0.12	ng		0.01
5) Phenol-d6	7.02	99	2433	0.13	ng		0.01
8) Nitrobenzene-d5	9.00	82	1377	0.10	ng		0.01
11) 2-Methylnaphthalene-d10	12.24	152	3509	0.10	ng		0.01
14) 2,4,6-Tribromophenol	15.96	330	339	0.11	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	5006	0.10	ng		0.00
25) Fluoranthene-d10	19.23	212	41708	0.10	ng		0.00
29) Terphenyl-d14	19.83	244	9252	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	1160	0.125	ng	#	100
3) n-Nitrosodimethylamine	3.71	42	929	0.213	ng	#	96
6) bis(2-Chloroethyl)ether	7.30	93	1897	0.110	ng		98
9) Naphthalene	10.71	128	23733	0.101	ng		99
10) Hexachlorobutadiene	11.00	225	1044	0.138	ng		98
12) 2-Methylnaphthalene	12.31	142	3928	0.102	ng		97
16) Acenaphthylene	14.20	152	5835	0.099	ng		97
17) Acenaphthene	14.54	154	3919	0.100	ng		98
18) Fluorene	15.51	166	5104	0.102	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	1626	0.102	ng	#	94
21) Hexachlorobenzene	16.52	284	1616	0.120	ng		97
22) Pentachlorophenol	16.87	266	757	0.204	ng		90
23) Phenanthrene	17.24	178	8931	0.097	ng		98
24) Anthracene	17.33	178	7857	0.100	ng		99
26) Fluoranthene	19.26	202	11297	0.100	ng		98
28) Pyrene	19.62	202	11851	0.105	ng		99
30) Benzo(a)anthracene	21.35	228	14184	0.115	ng		99
31) Chrysene	21.40	228	14453	0.110	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	38832	0.165	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.46	276	17389	0.112	ng		99
35) Benzo(b)fluoranthene	23.09	252	15313	0.105	ng	#	94
36) Benzo(k)fluoranthene	23.14	252	15484	0.094	ng	#	92
37) Benzo(a)pyrene	23.74	252	14243	0.107	ng	#	92
38) Dibenzo(a,h)anthracene	26.50	278	14022	0.100	ng		96
39) Benzo(g,h,i)perylene	27.27	276	14691	0.103	ng		95

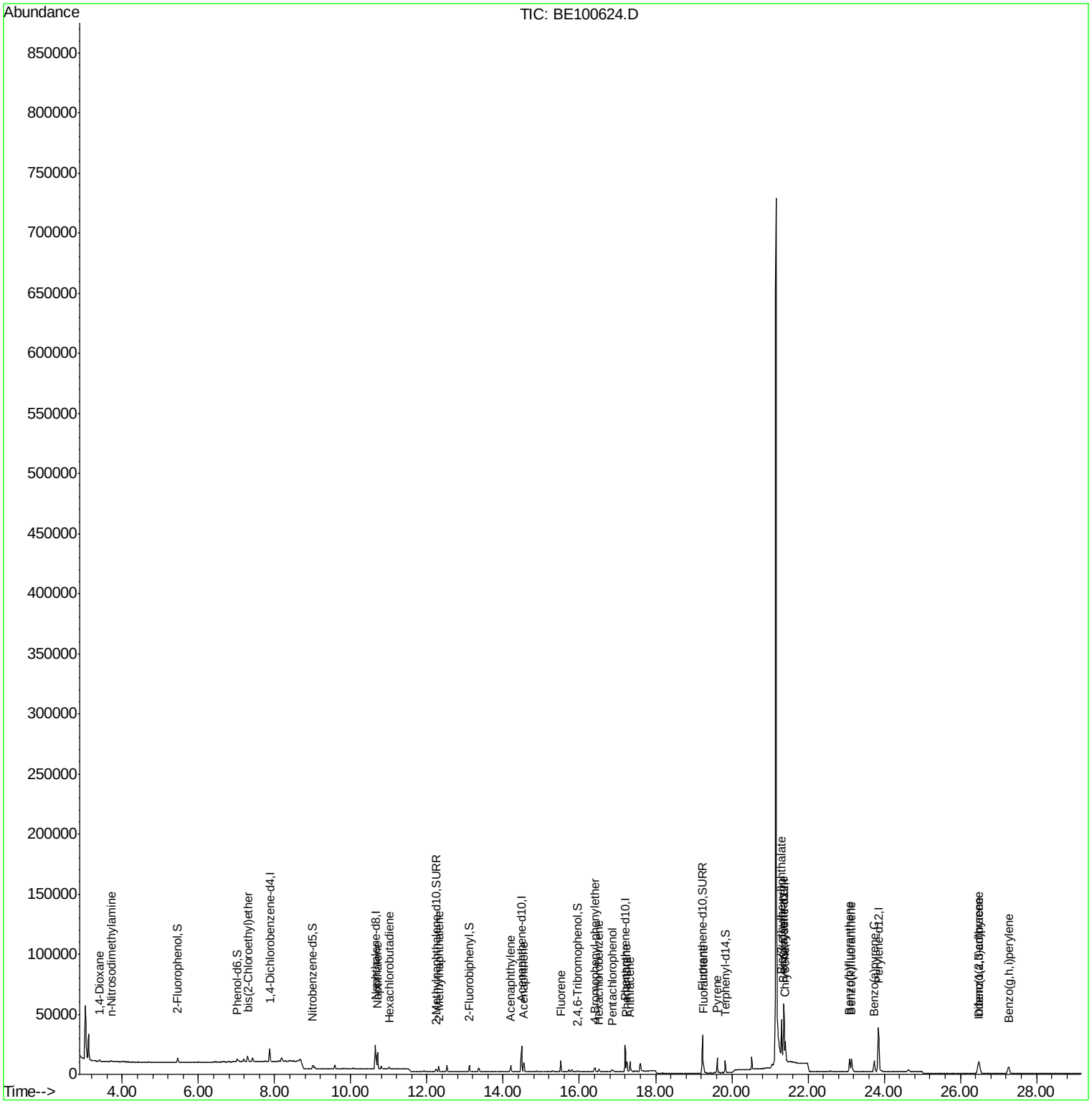
(#) = qualifier out of range (m) = manual integration (+) = signals summed

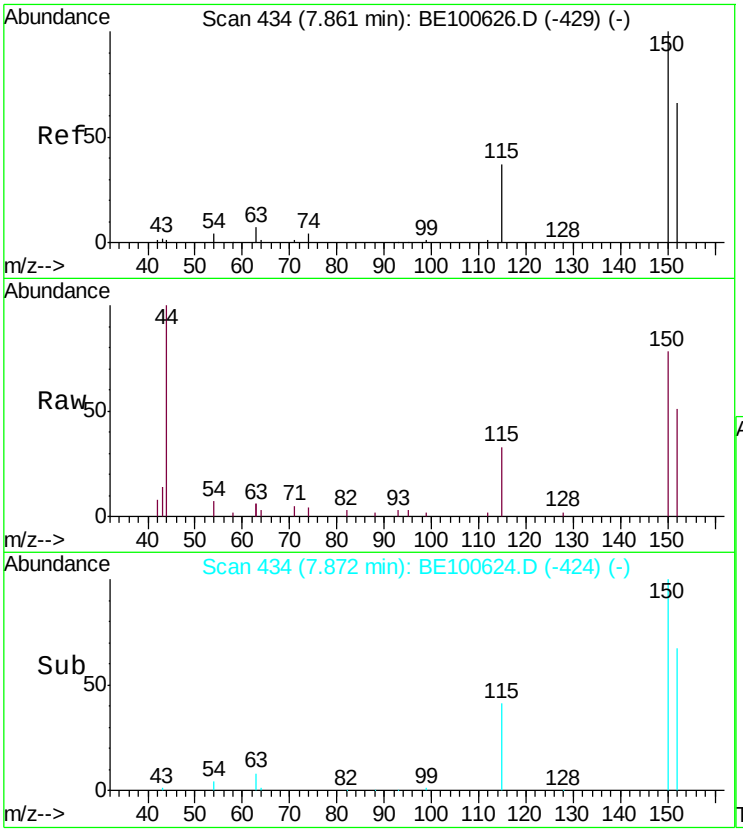
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101019\
Data File : BE100624.D
Acq On : 10 Oct 2019 9:49
Operator : JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Oct 10 12:23:07 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



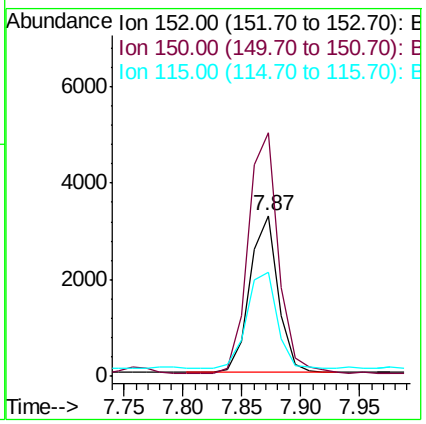


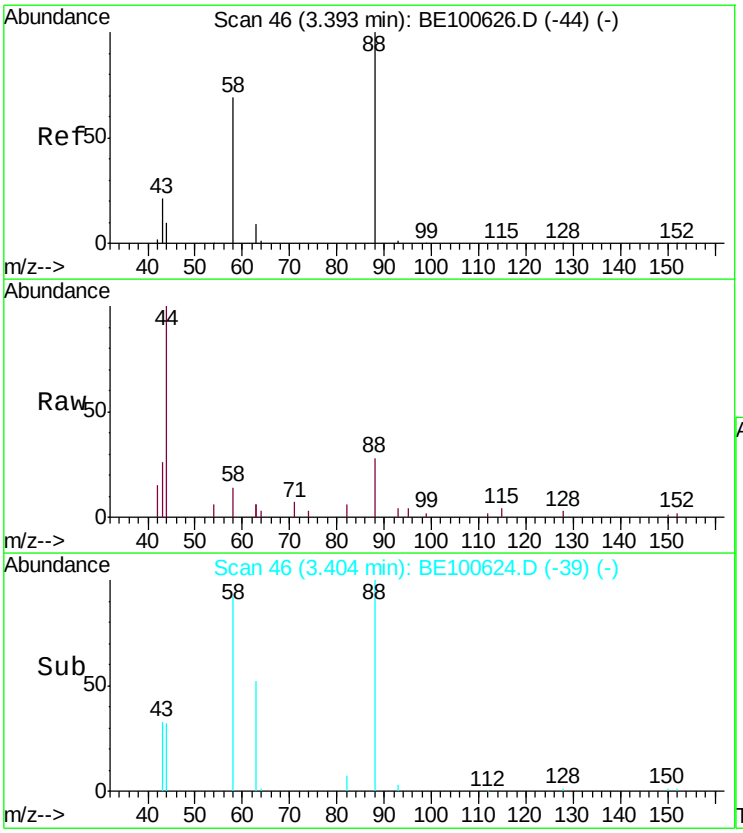
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 434
Delta R.T. 0.01 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 5507

Ion	Ratio	Lower	Upper
152	100		
150	151.7	120.7	181.1
115	64.5	48.0	72.0

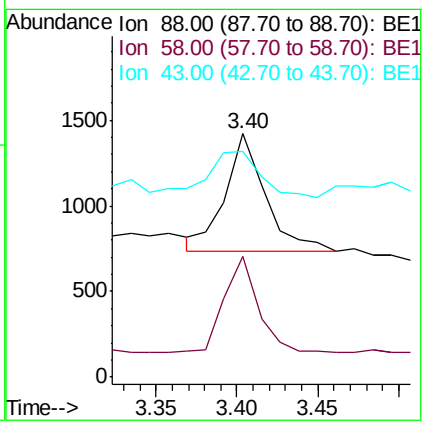


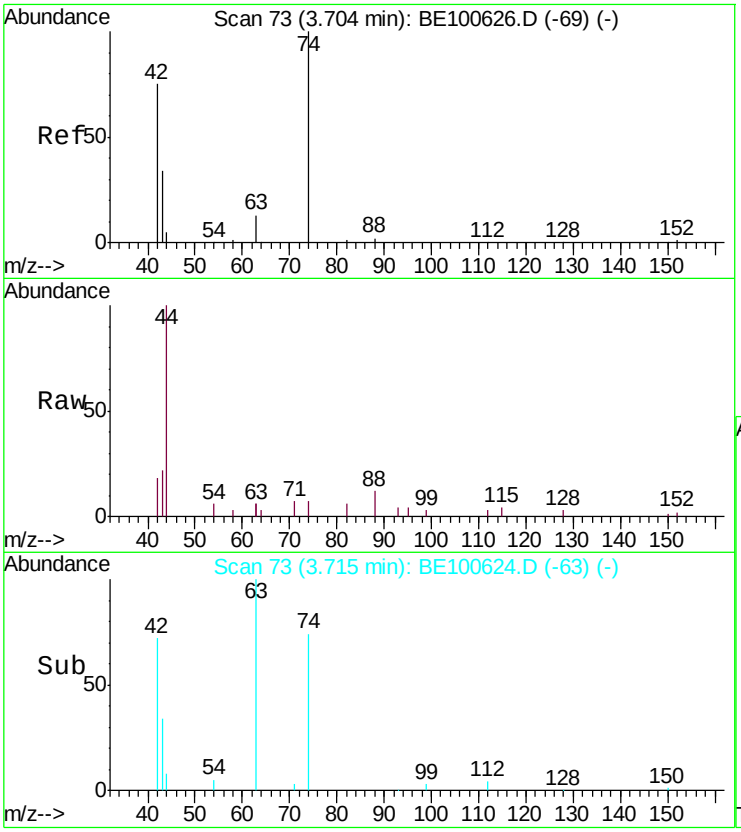


#2
1,4-Dioxane
Concen: 0.125 ng
RT: 3.40 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion: 88 Resp: 1160

Ion	Ratio	Lower	Upper
88	100		
58	71.2	0.0	0.0#
43	49.1	0.0	0.0#



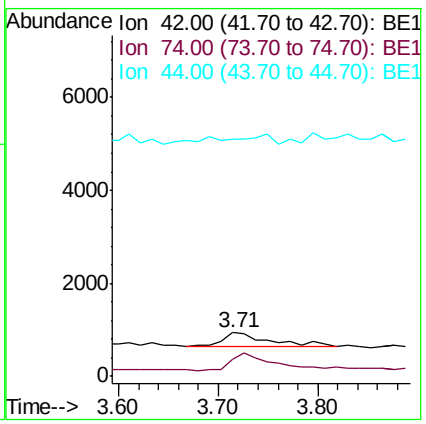


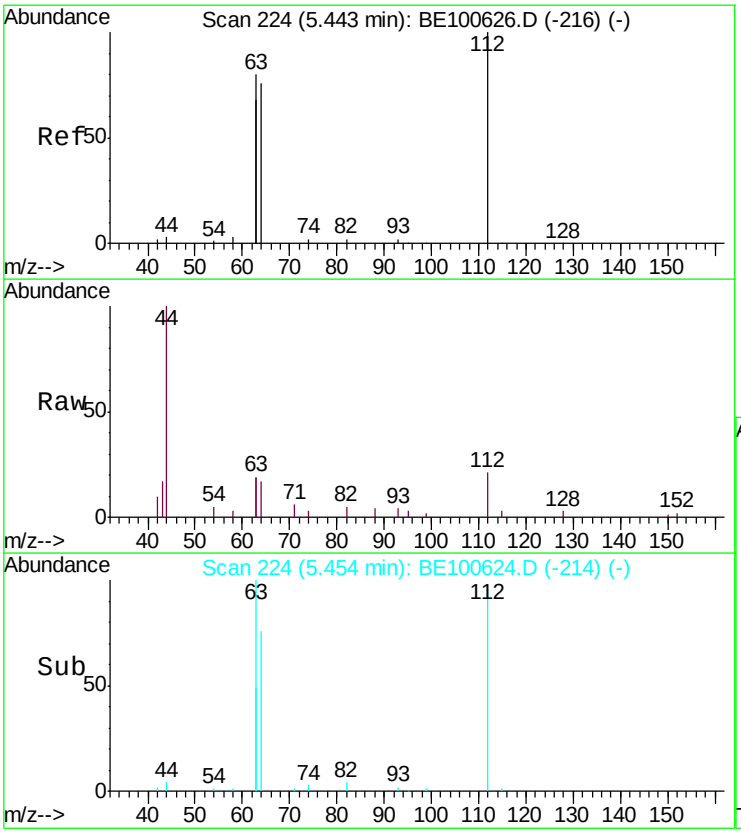
#3
n-Nitrosodimethylamine
Concen: 0.213 ng
RT: 3.71 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 929

Ion	Ratio	Lower	Upper
42	100		
74	112.6	91.7	137.5
44	0.0	8.2	12.2#

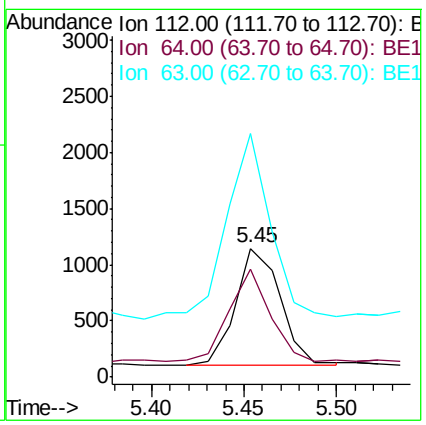


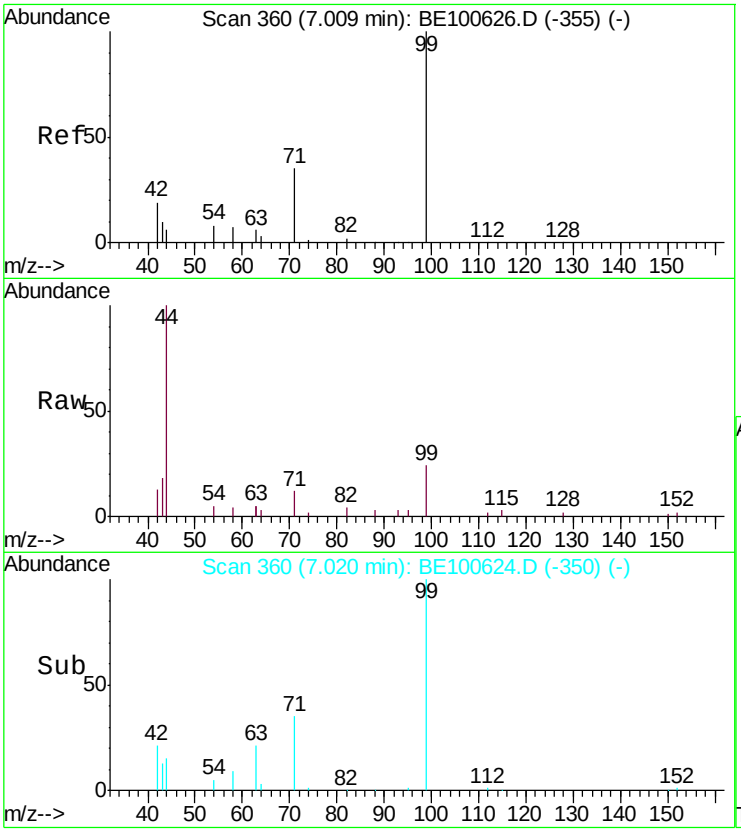


#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.01 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion:112 Resp: 1761

Ion	Ratio	Lower	Upper
112	100		
64	70.4	58.9	88.3
63	155.1	118.3	177.5



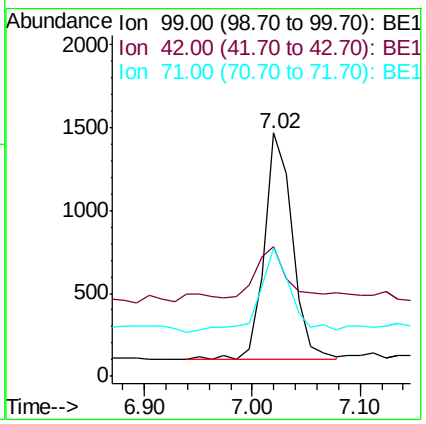


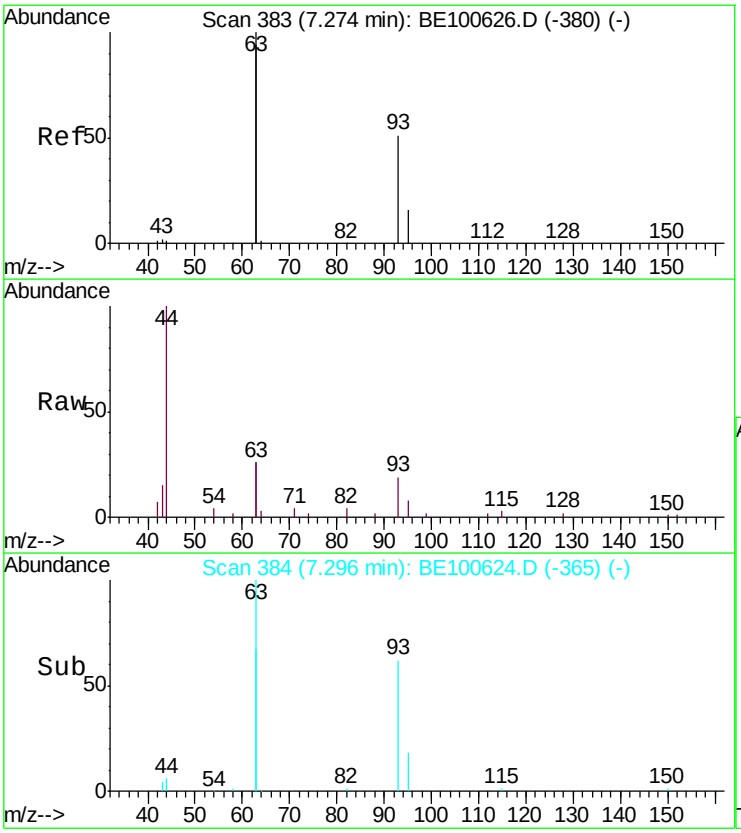
#5
Phenol-d6
Concen: 0.130 ng
RT: 7.02 min Scan# 360
Delta R.T. 0.01 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 2433

Ion	Ratio	Lower	Upper
99	100		
42	25.9	19.4	29.2
71	41.2	26.9	40.3#

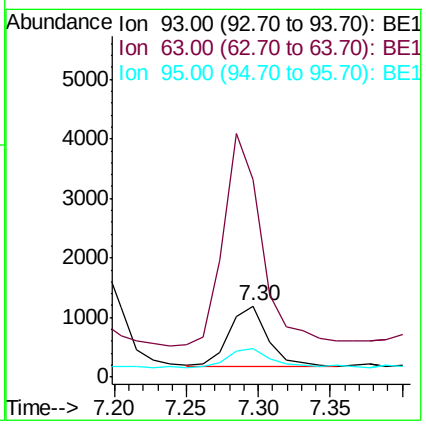


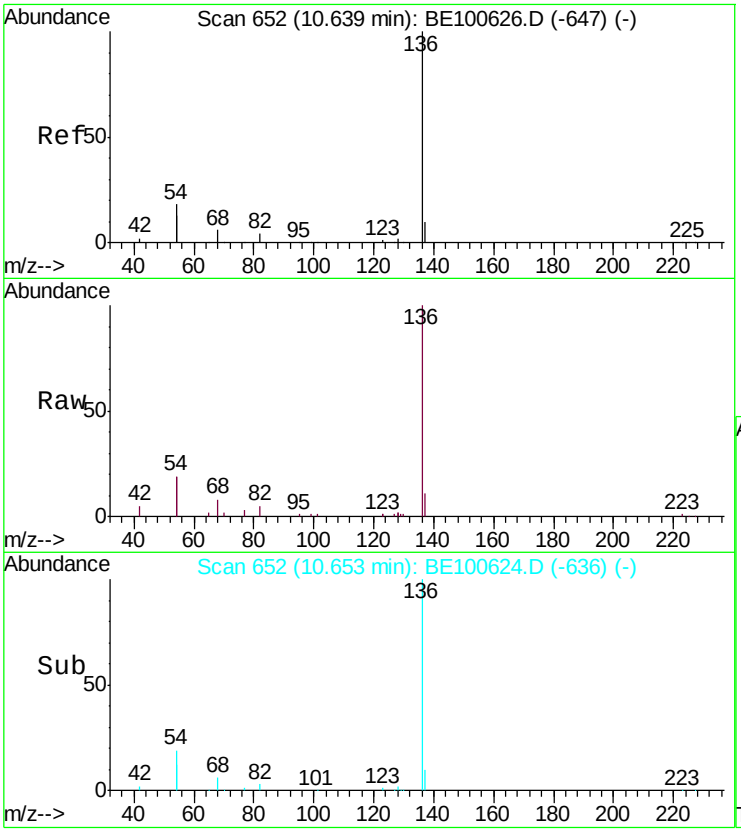


#6
bis(2-Chloroethyl)ether
Concen: 0.110 ng
RT: 7.30 min Scan# 384
Delta R.T. 0.02 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion: 93 Resp: 1897

Ion	Ratio	Lower	Upper
93	100		
63	350.6	277.4	416.0
95	35.6	24.7	37.1



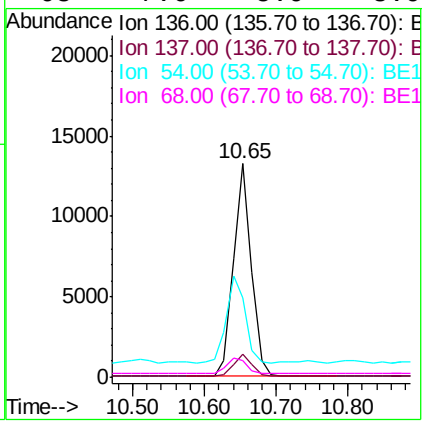


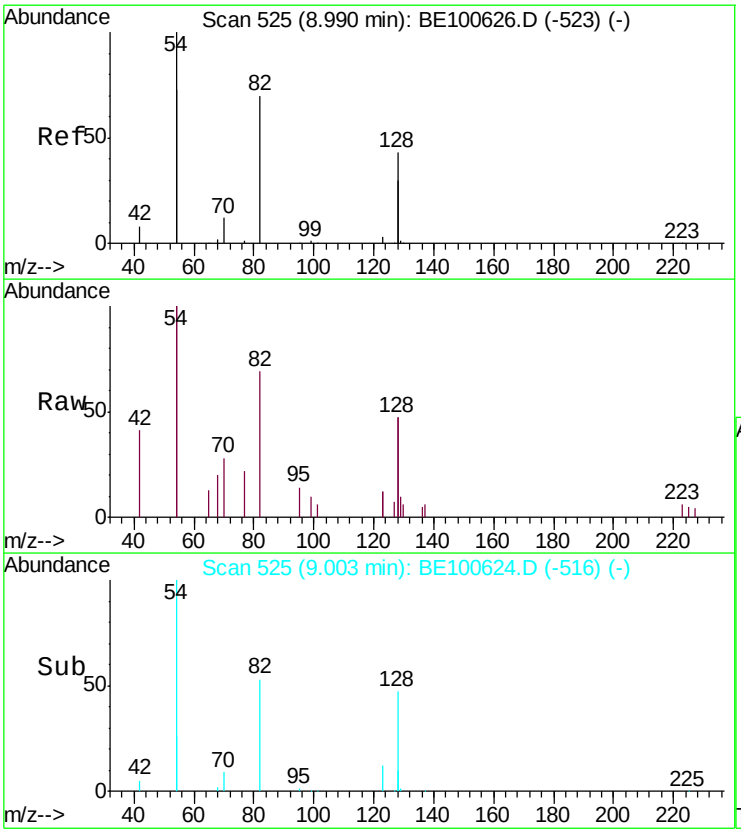
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 652
Delta R.T. 0.01 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 22805

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	37.3	28.7	43.1
68	7.6	5.9	8.9

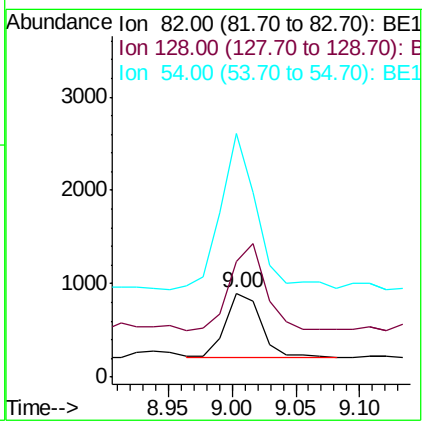


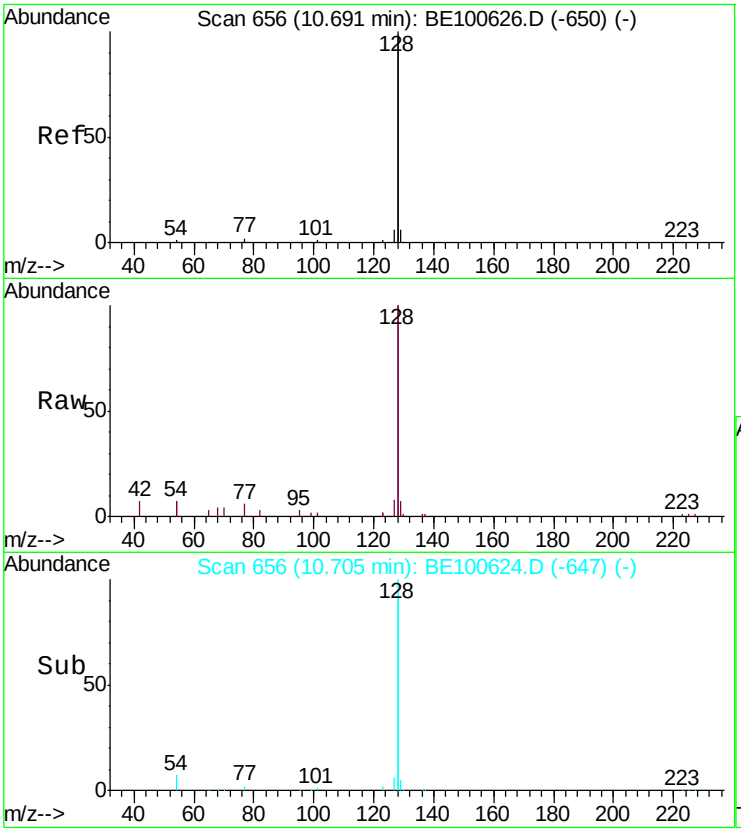


#8
Nitrobenzene-d5
Concen: 0.097 ng
RT: 9.00 min Scan# 525
Delta R.T. 0.01 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion: 82 Resp: 1377

Ion	Ratio	Lower	Upper
82	100		
128	137.3	90.7	136.1#
54	290.1	210.9	316.3



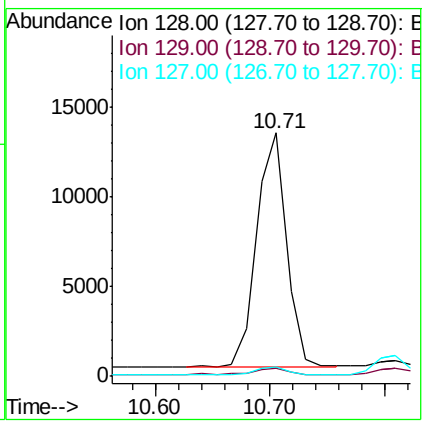


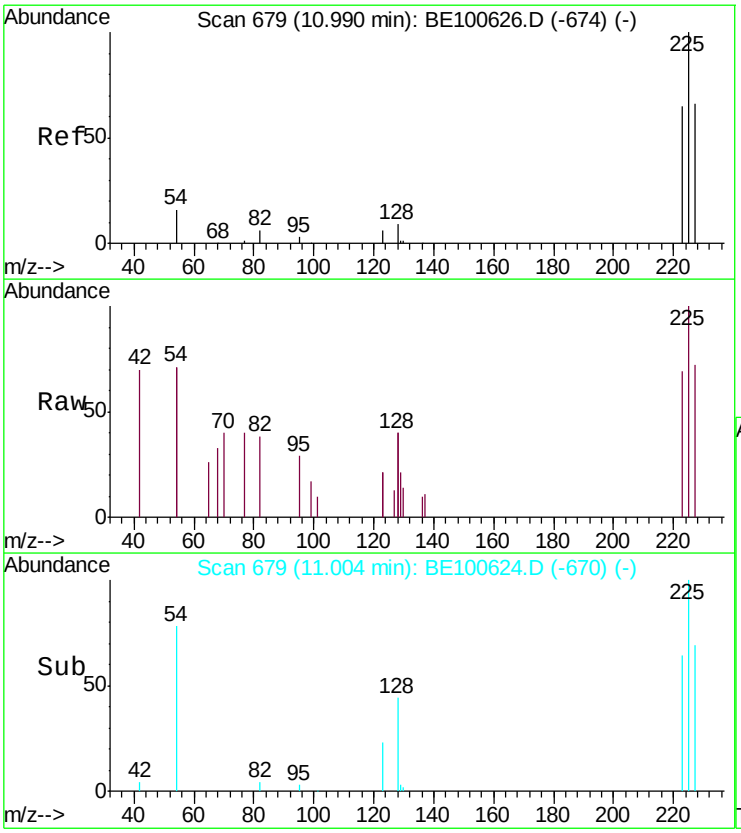
#9
Naphthalene
Concen: 0.101 ng
RT: 10.71 min Scan# 656
Delta R.T. 0.01 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 23733

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

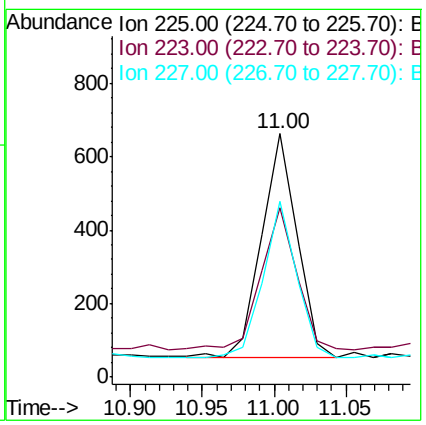


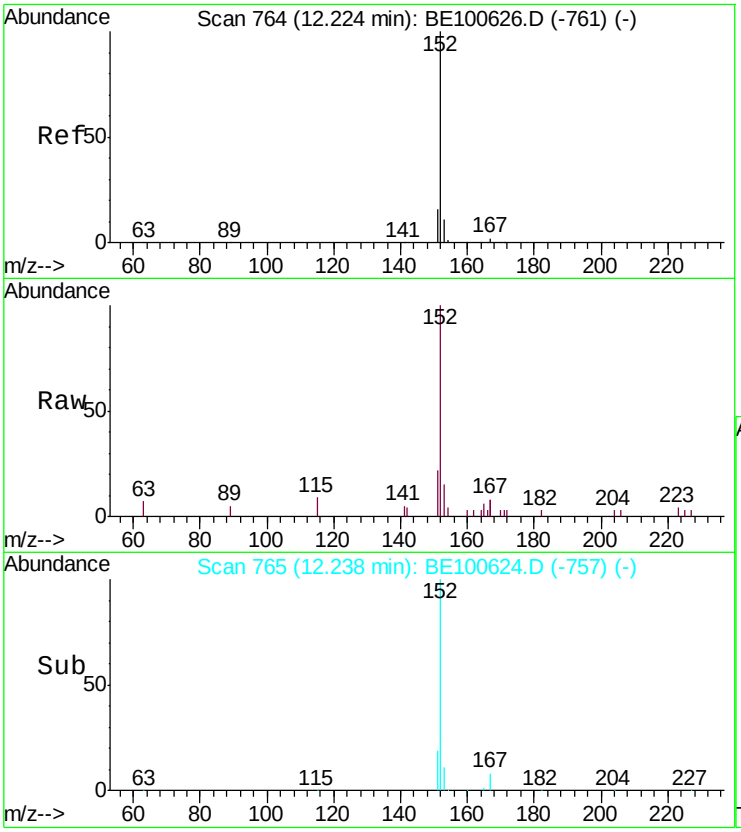


#10
Hexachlorobutadiene
Concen: 0.138 ng
RT: 11.00 min Scan# 679
Delta R.T. 0.01 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion:225 Resp: 1044

Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.2	76.8
227	67.6	51.8	77.8



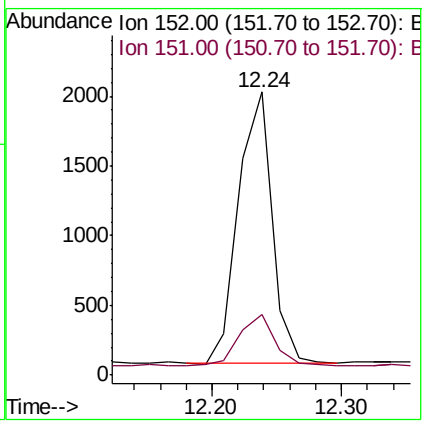


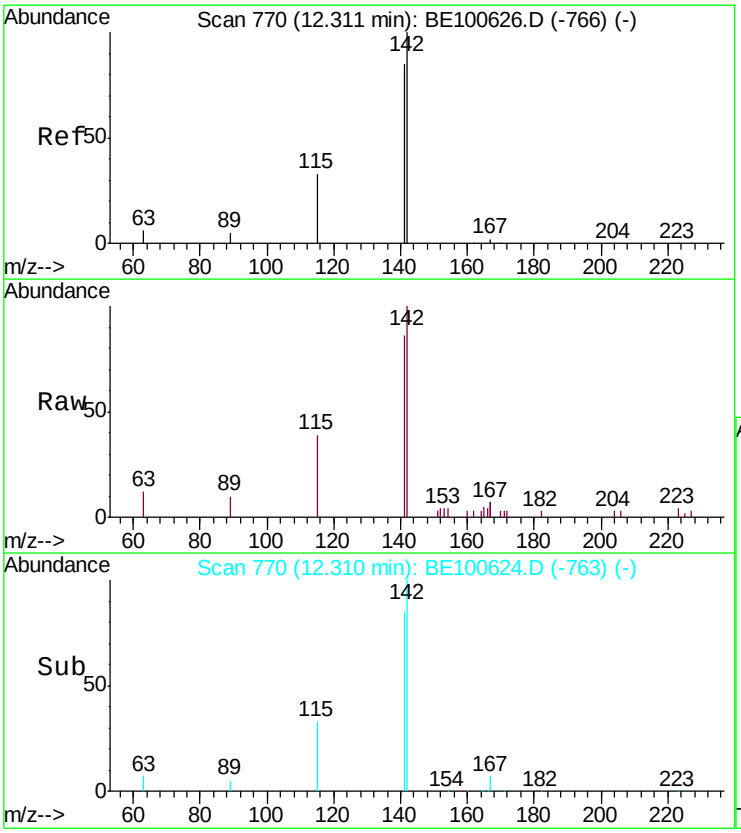
#11
2-Methylnaphthalene-d10
Concen: 0.103 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3509

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.2	22.8

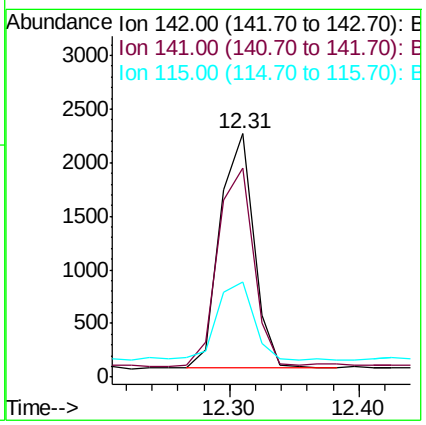


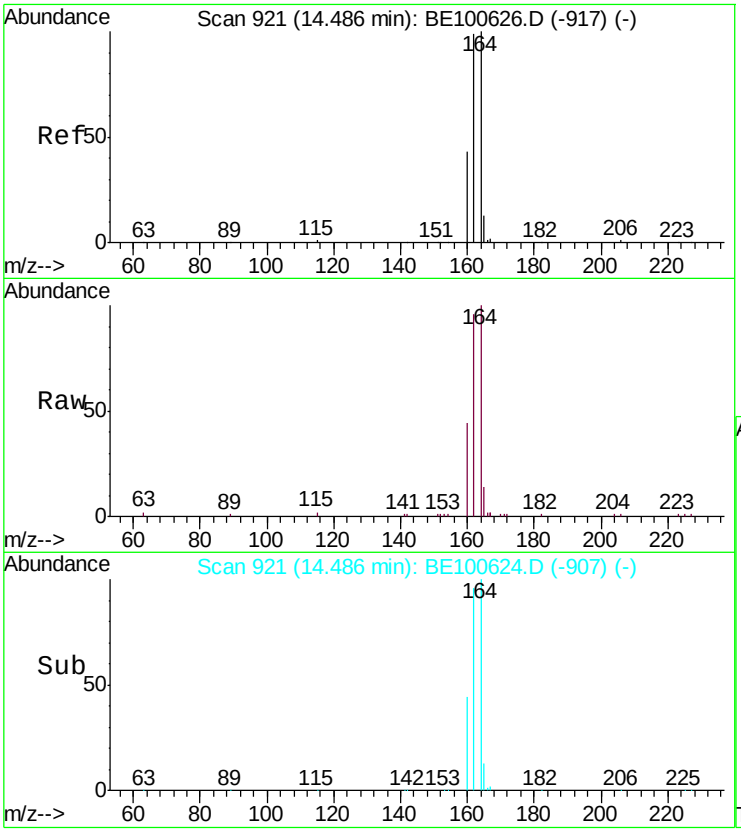


#12
2-Methylnaphthalene
Concen: 0.102 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion:142 Resp: 3928

Ion	Ratio	Lower	Upper
142	100		
141	85.9	68.3	102.5
115	39.3	27.5	41.3



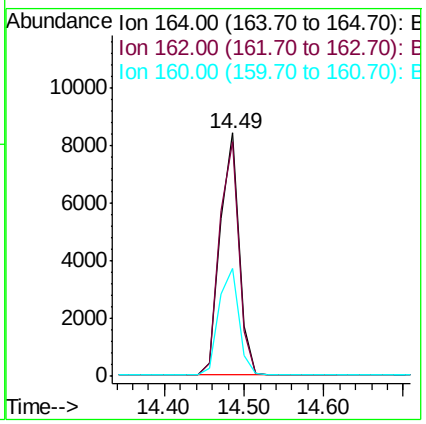


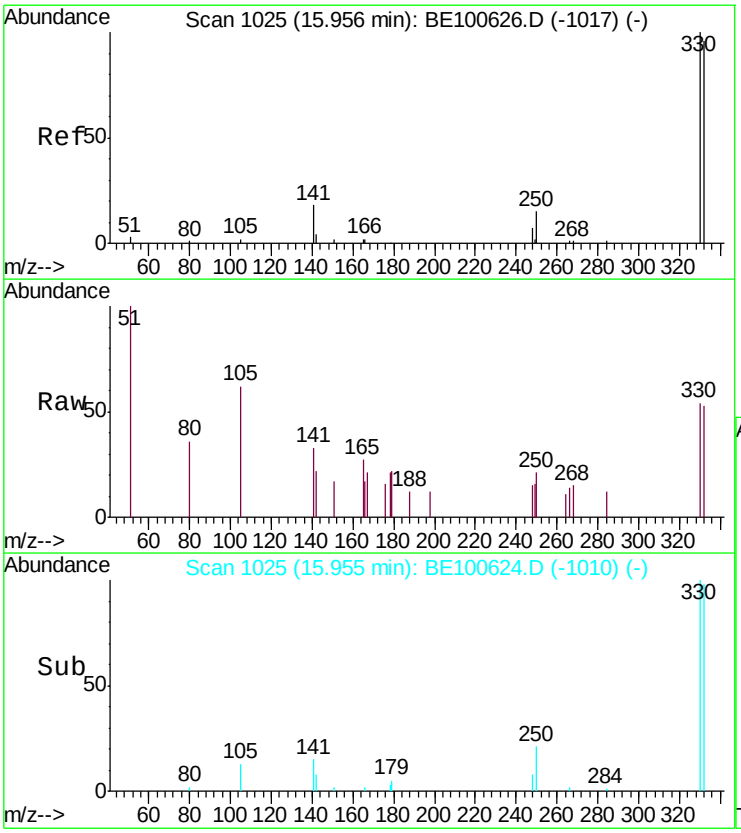
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 13828

Ion	Ratio	Lower	Upper
164	100		
162	96.5	79.1	118.7
160	44.2	34.7	52.1

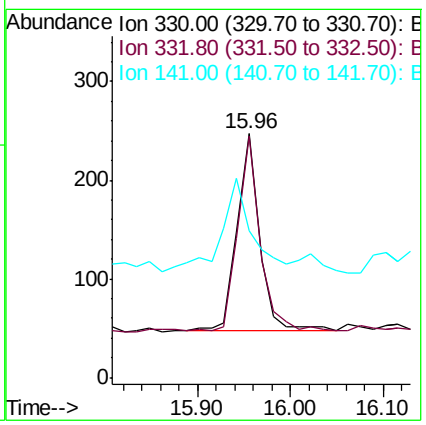


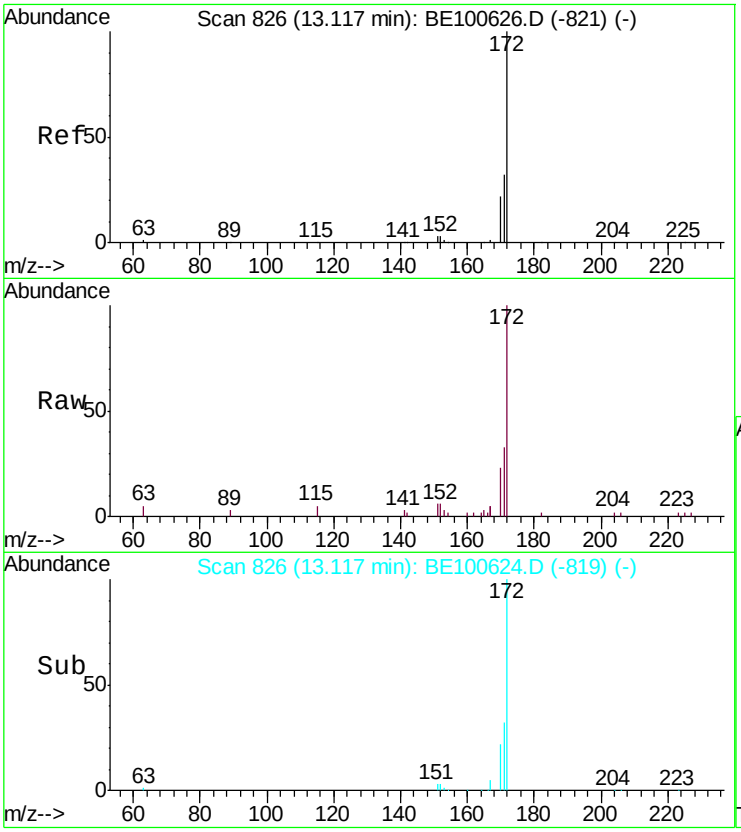


#14
2,4,6-Tribromophenol
Concen: 0.107 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion:330 Resp: 339

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.2	112.8
141	62.5	37.5	56.3#



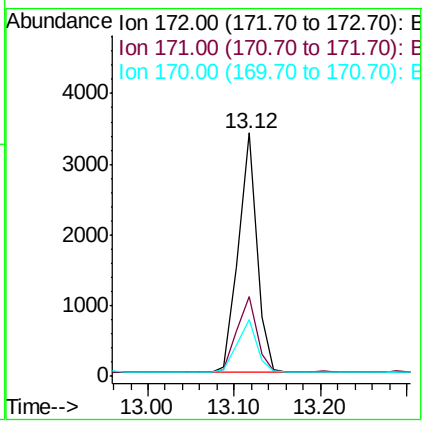


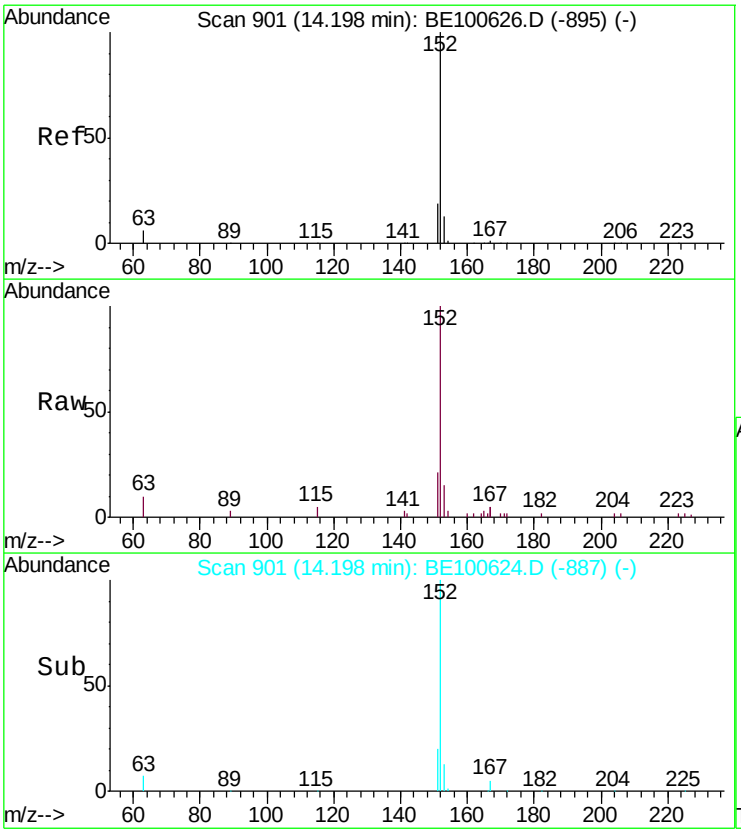
#15
2-Fluorobiphenyl
Concen: 0.100 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 5006

Ion	Ratio	Lower	Upper
172	100		
171	32.8	26.2	39.4
170	23.1	17.5	26.3

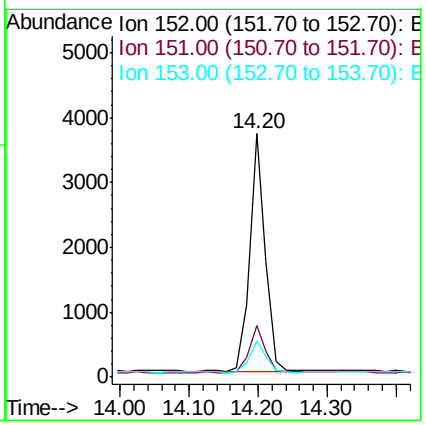


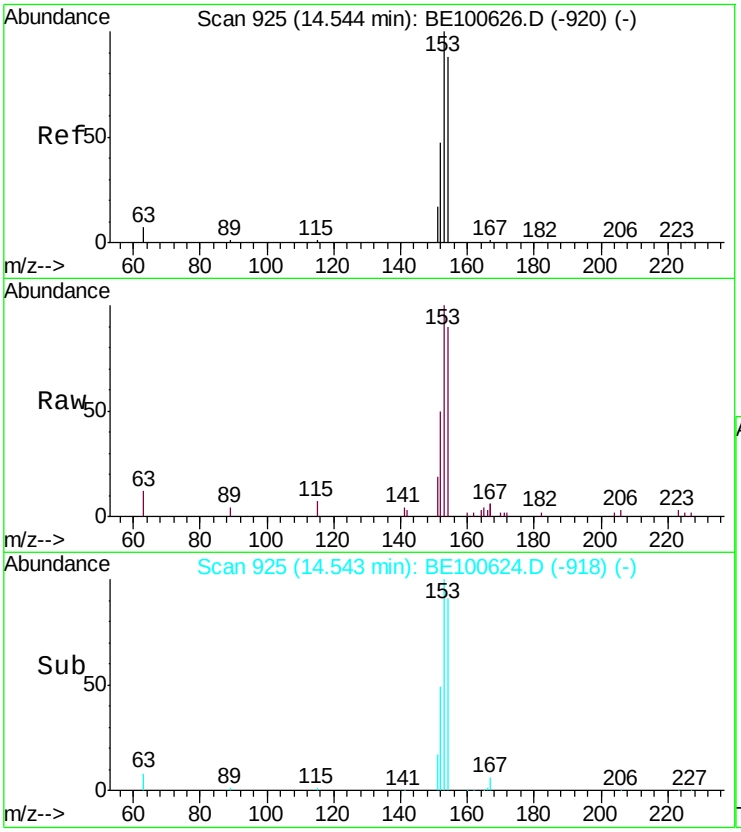


#16
Acenaphthylene
Concen: 0.099 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion:152 Resp: 5835

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.6	23.4
153	13.9	10.5	15.7



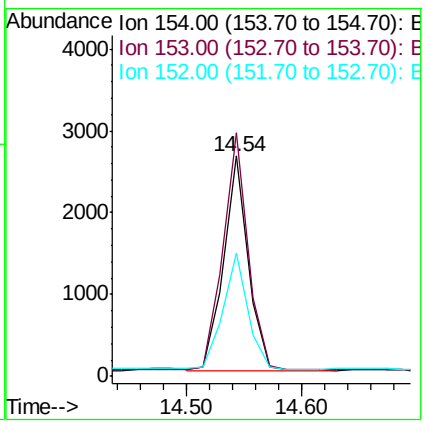


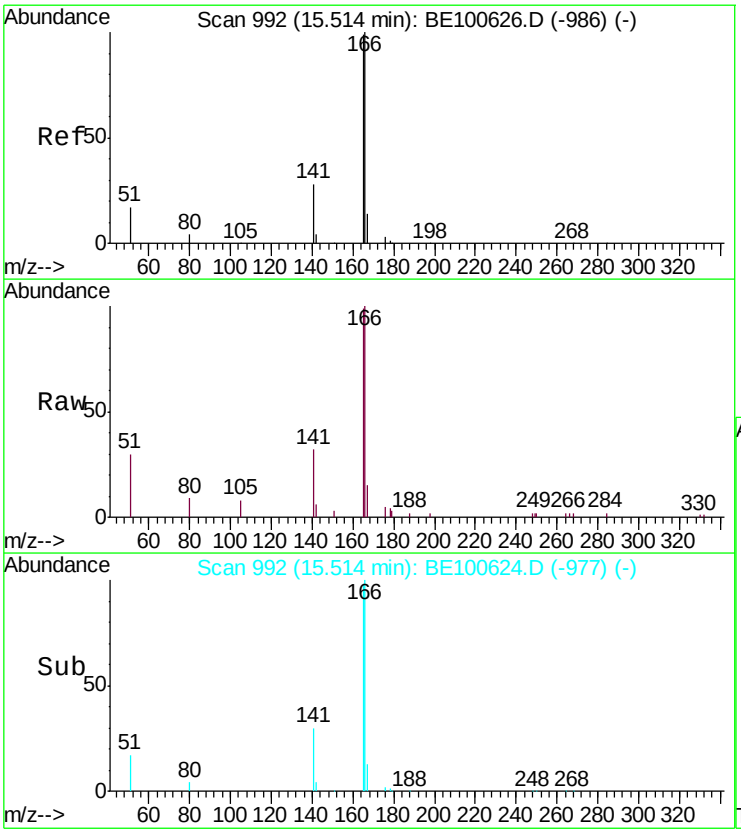
#17
Acenaphthene
Concen: 0.100 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 3919

Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.4	137.2
152	54.2	44.0	66.0

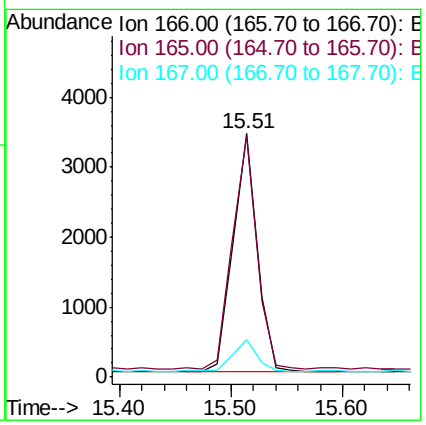


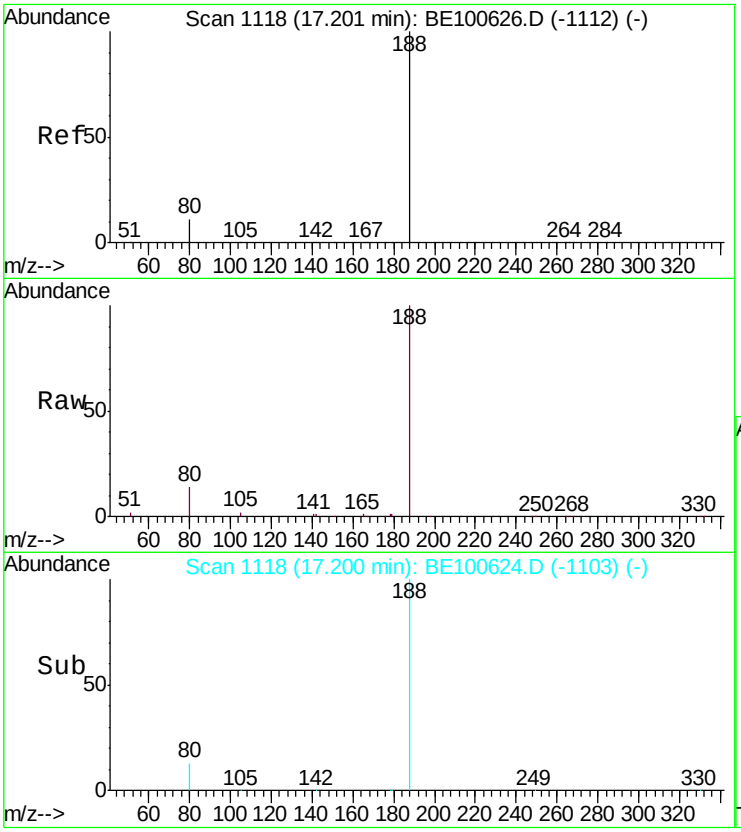


#18
Fluorene
Concen: 0.102 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion:166 Resp: 5104

Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.9	118.3
167	14.3	10.9	16.3



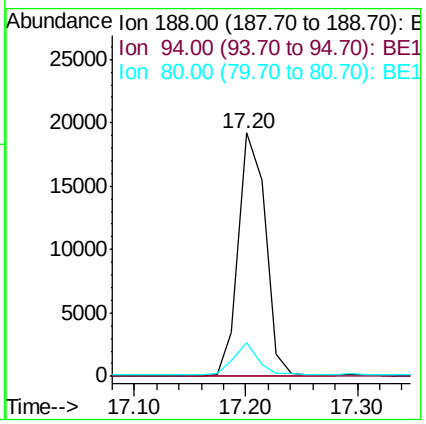


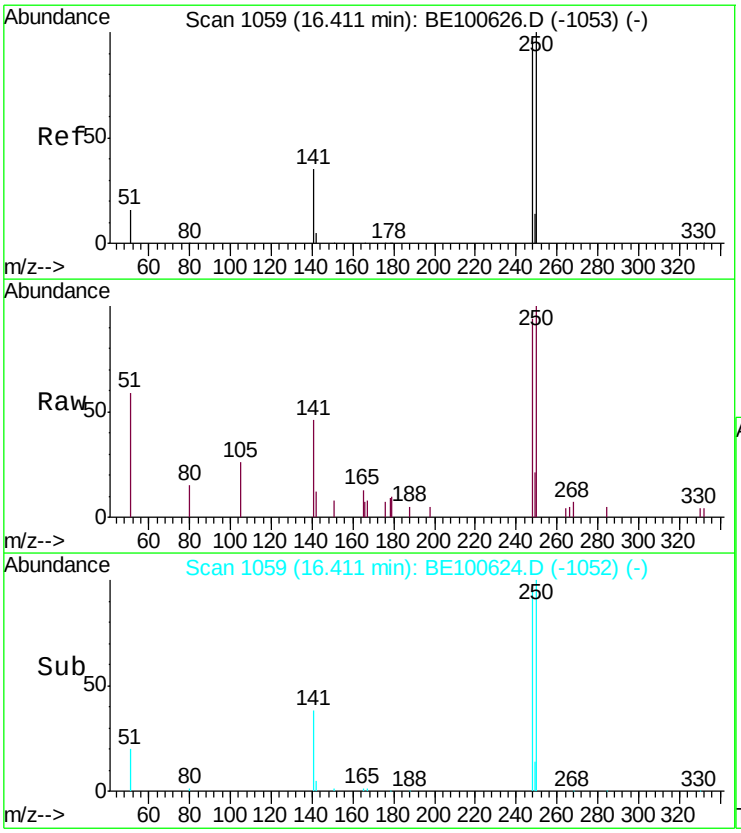
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 32212

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	9.4	14.2

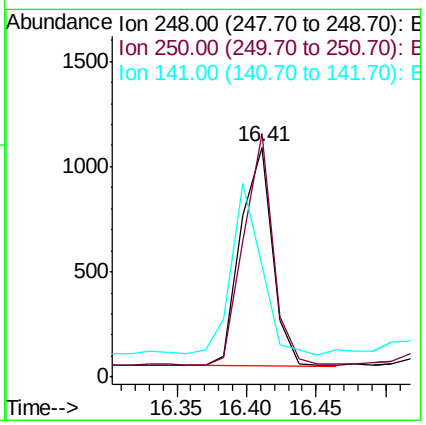


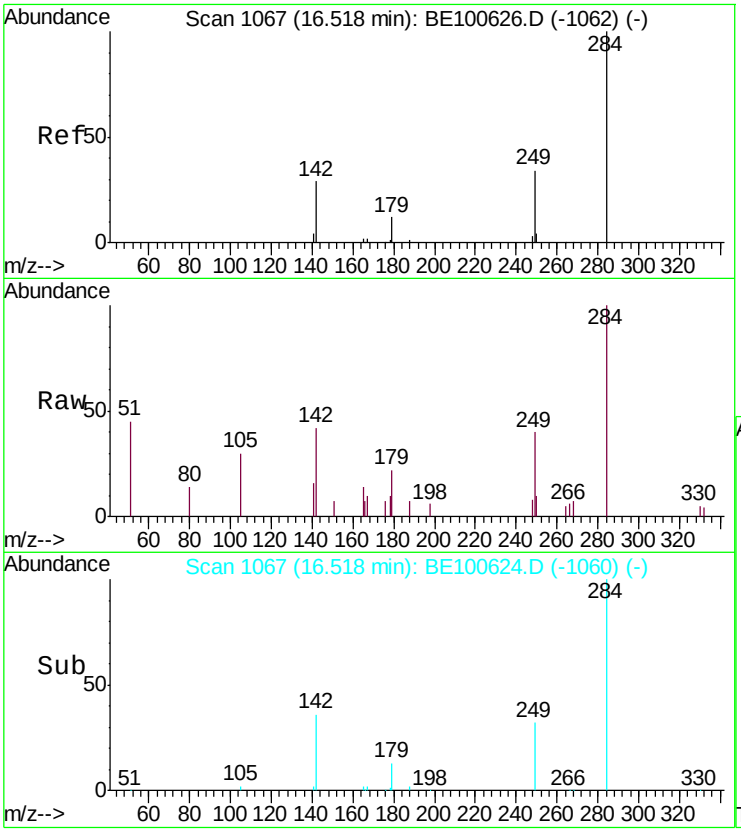


#20
4-Bromophenyl-phenylether
Concen: 0.102 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion:248 Resp: 1626

Ion	Ratio	Lower	Upper
248	100		
250	105.9	83.4	125.2
141	48.6	30.8	46.2#



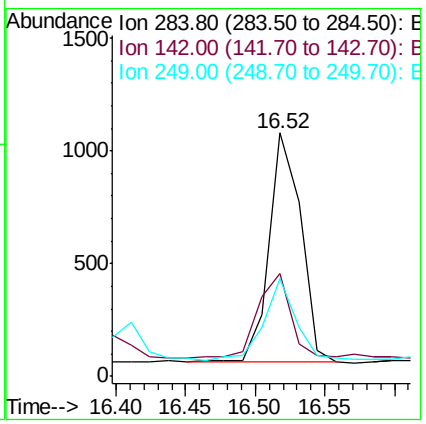


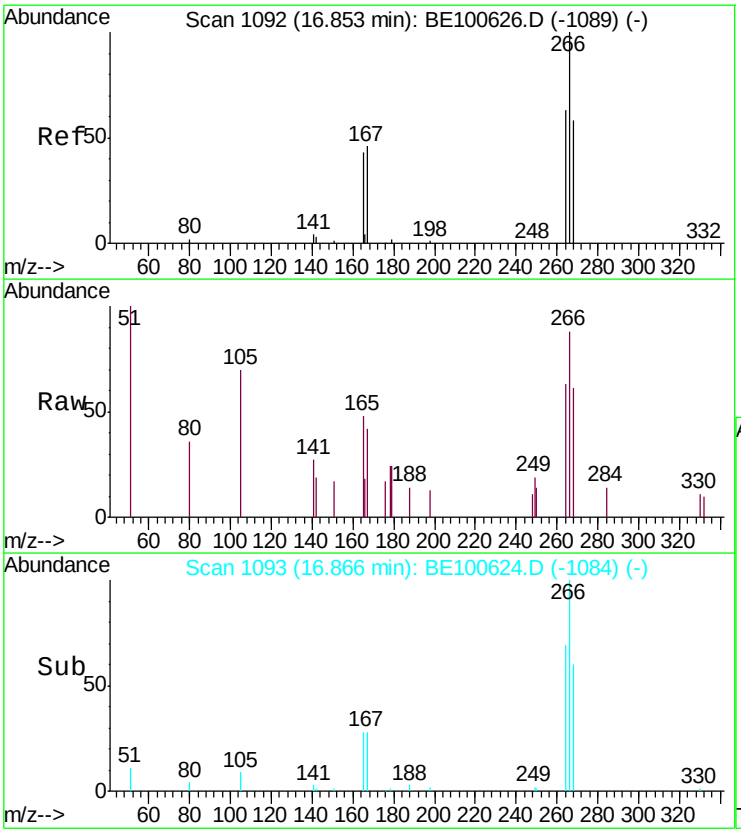
#21
Hexachlorobenzene
Concen: 0.120 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 1616

Ion	Ratio	Lower	Upper
284	100		
142	38.7	29.8	44.8
249	35.8	27.3	40.9

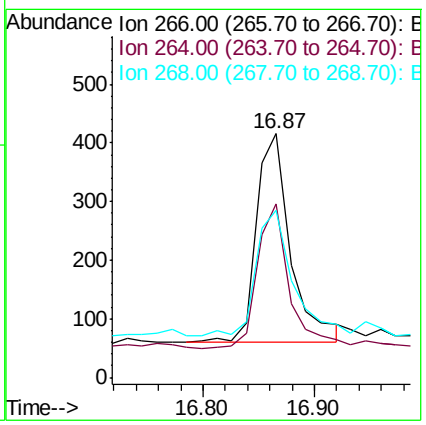


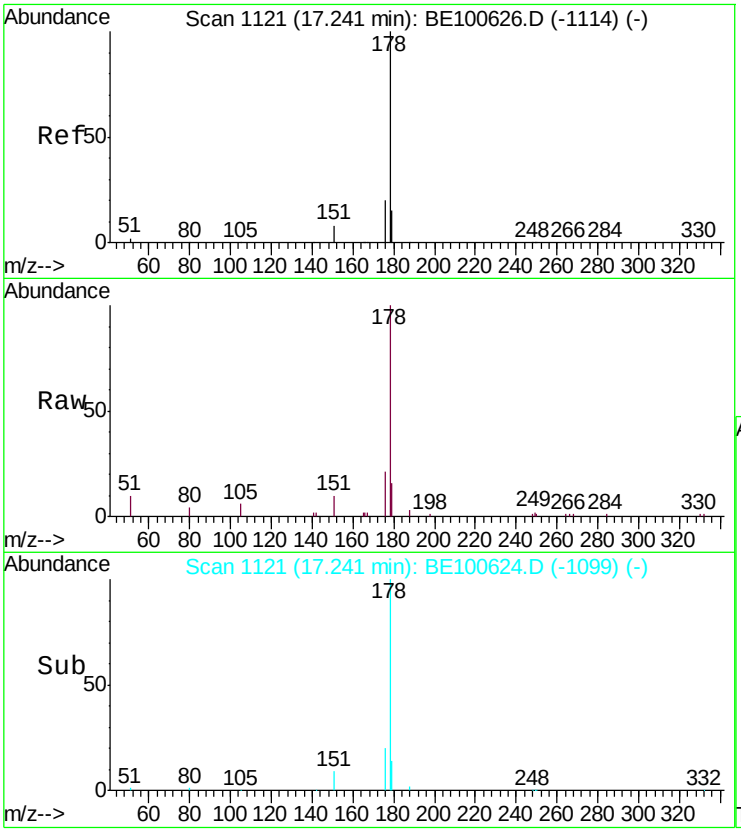


#22
Pentachlorophenol
Concen: 0.204 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion:266 Resp: 757

Ion	Ratio	Lower	Upper
266	100		
264	71.4	50.7	76.1
268	68.8	48.5	72.7



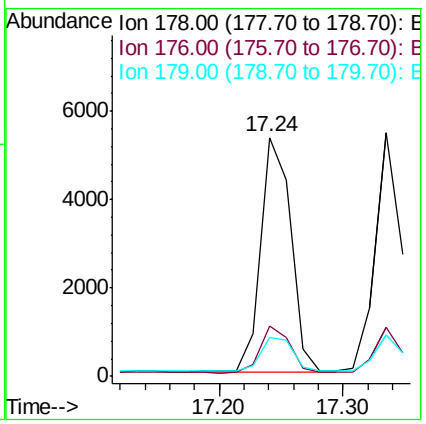


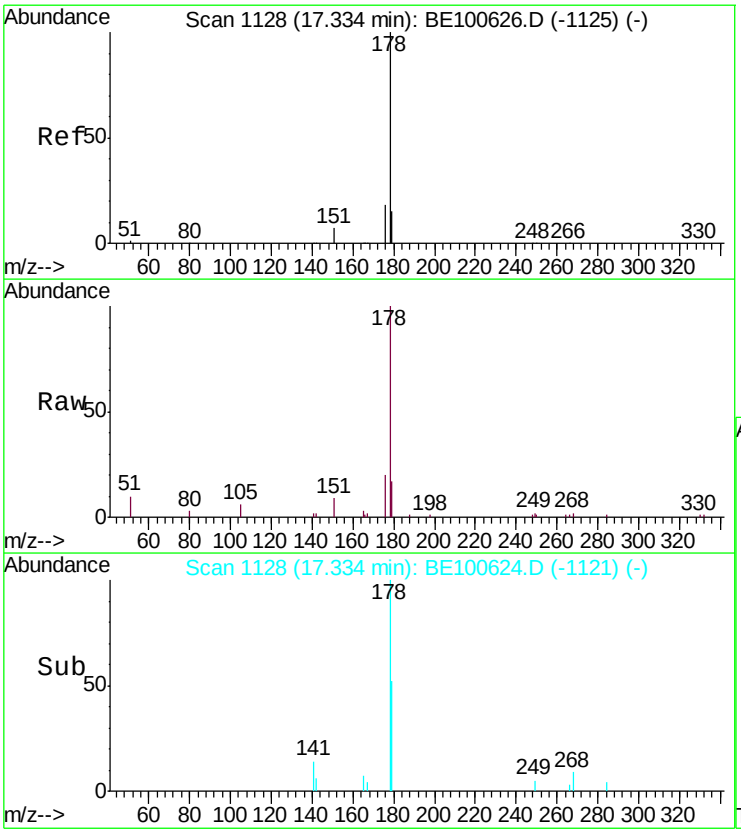
#23
Phenanthrene
Concen: 0.097 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 8931

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	17.1	12.4	18.6

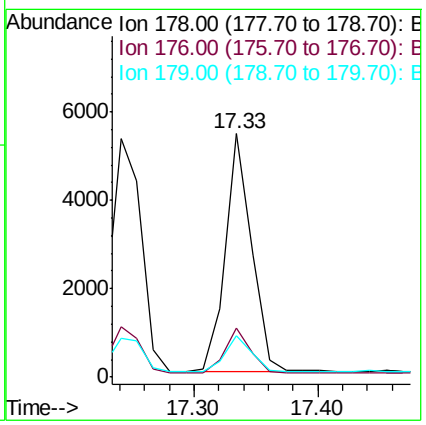


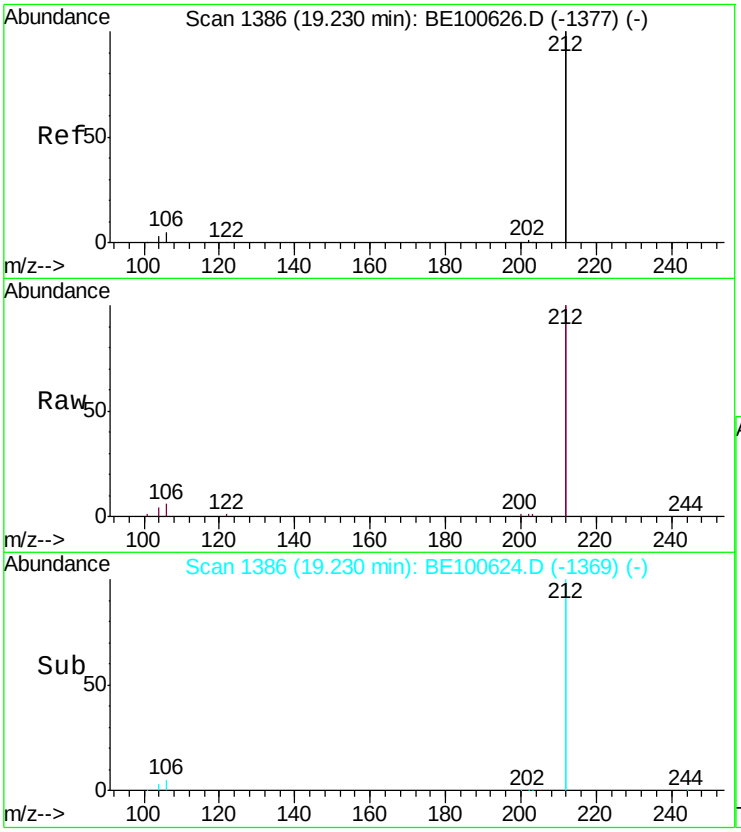


#24
Anthracene
Concen: 0.100 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion:178 Resp: 7857

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.5	21.7
179	16.3	12.4	18.6



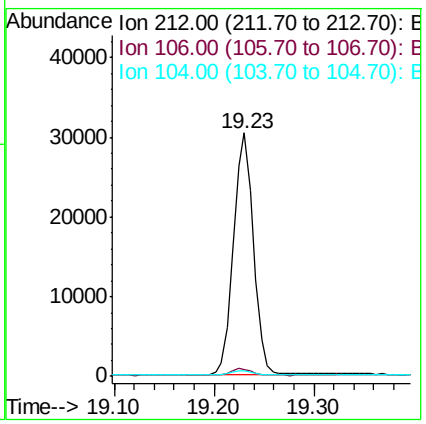


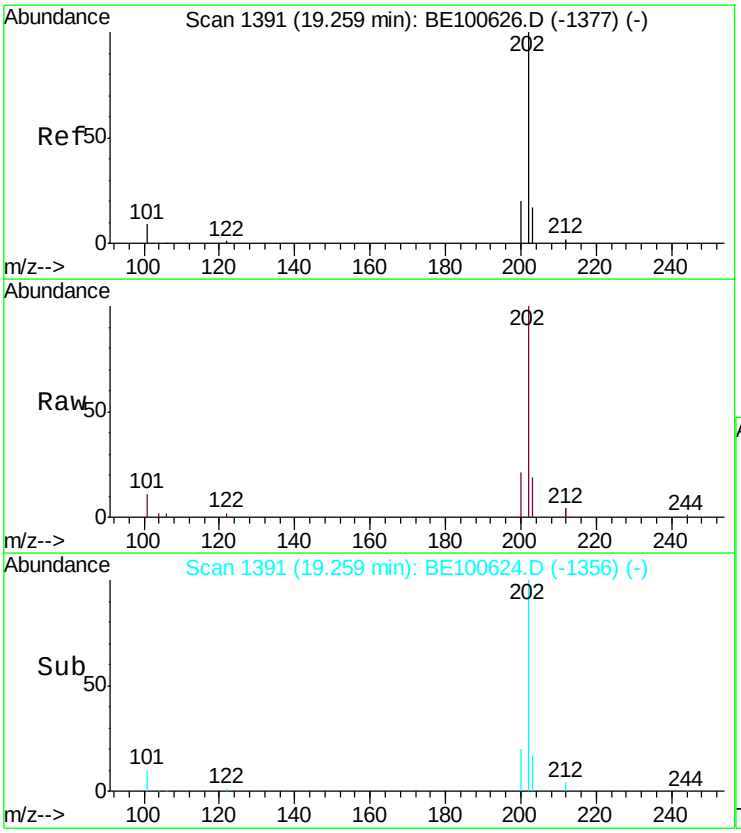
#25
Fluoranthene-d10
Concen: 0.105 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 41708

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.2	3.4
104	1.7	1.3	1.9

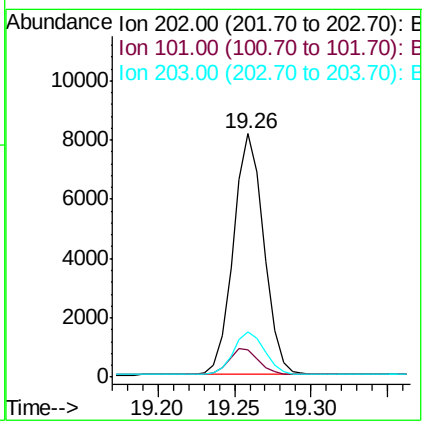


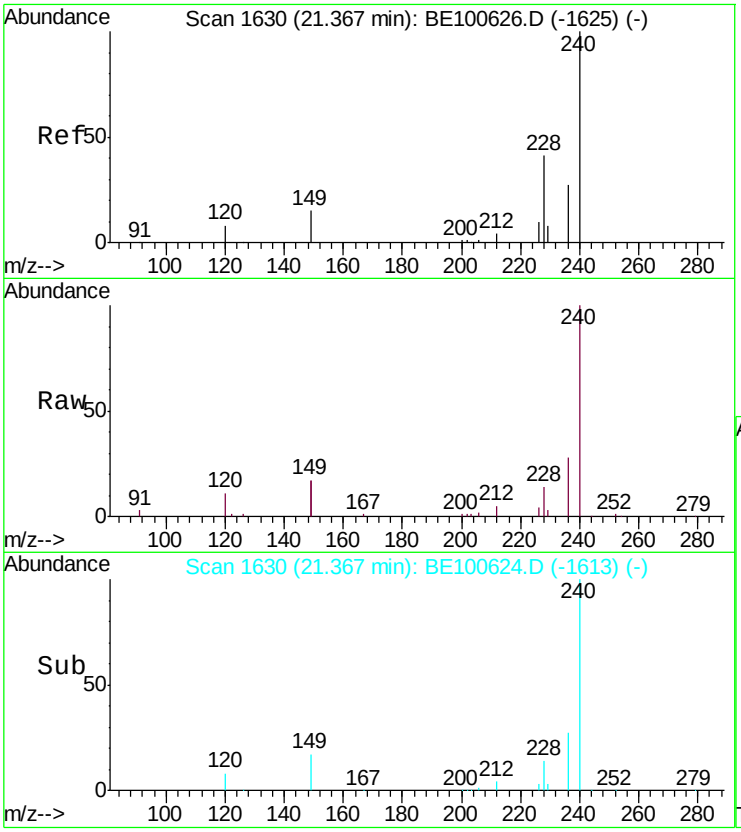


#26
Fluoranthene
Concen: 0.100 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion:202 Resp: 11297

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.4	12.6
203	18.0	13.8	20.6



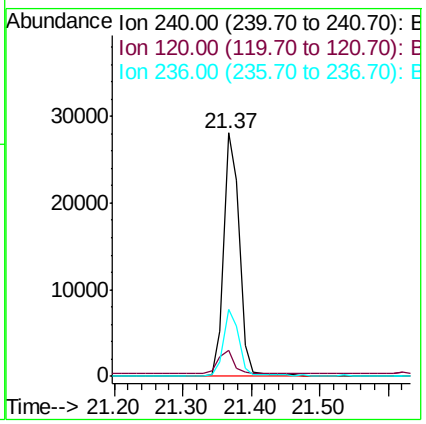


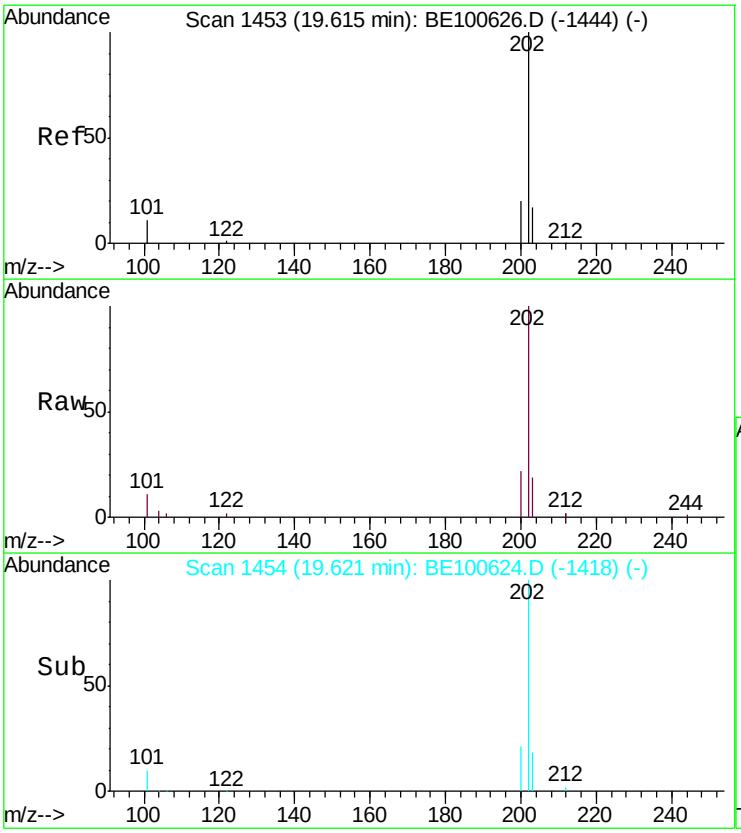
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 44059

Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.4	11.0
236	27.7	21.7	32.5

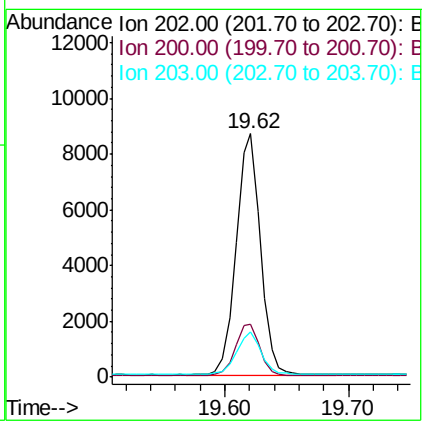


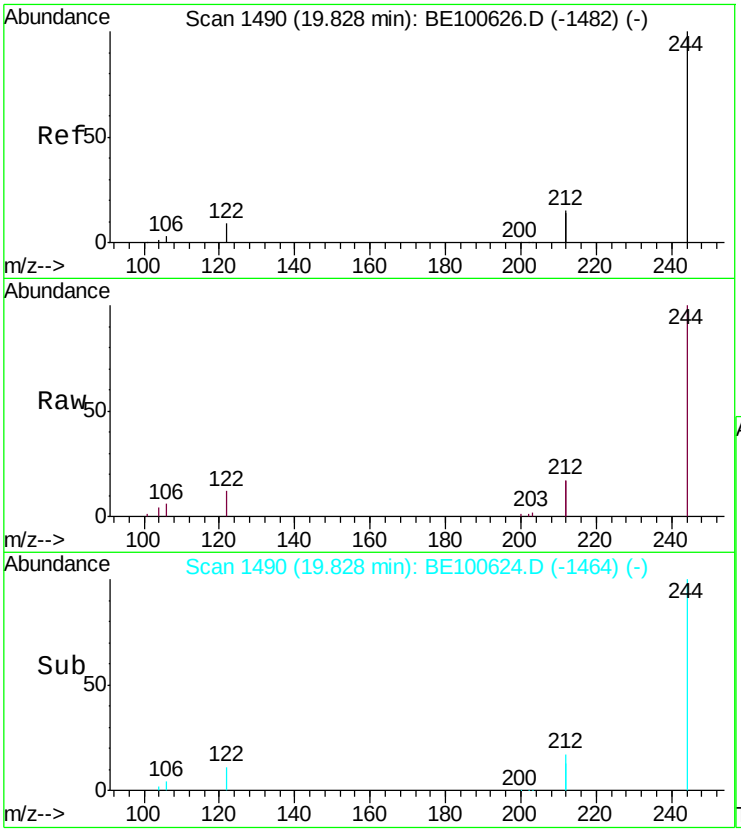


#28
Pyrene
Concen: 0.105 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion:202 Resp: 11851

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	17.7	13.9	20.9



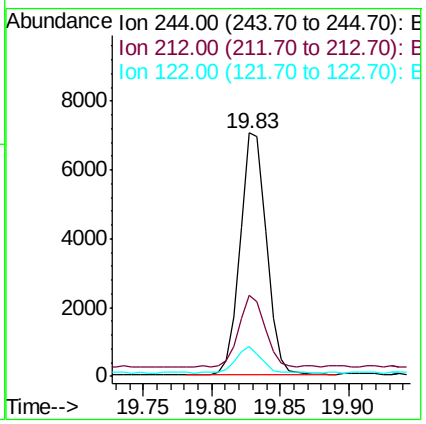


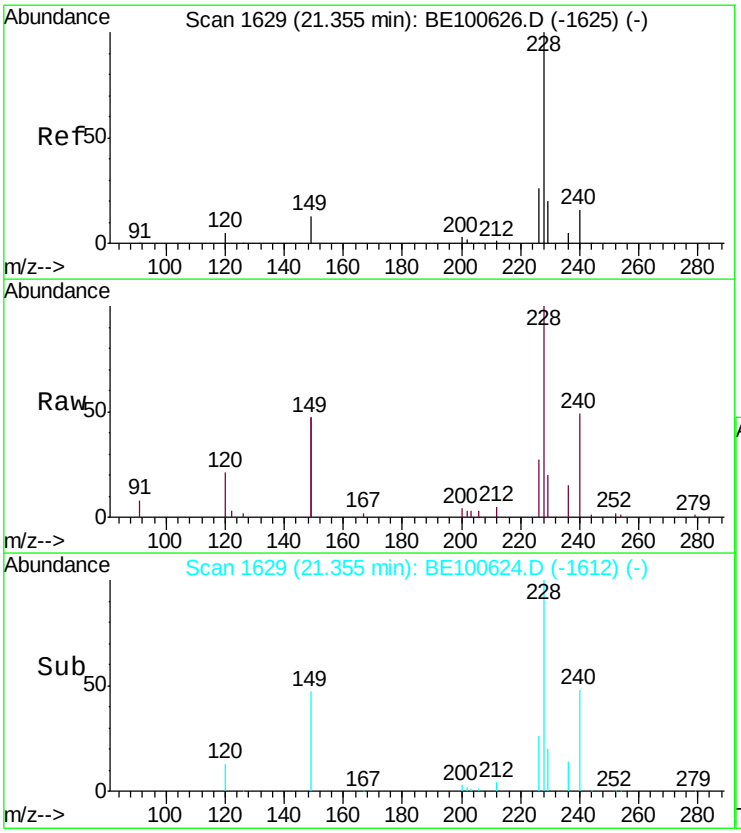
#29
Terphenyl-d14
Concen: 0.095 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 9252

Ion	Ratio	Lower	Upper
244	100		
212	33.3	23.9	35.9
122	12.1	7.7	11.5#

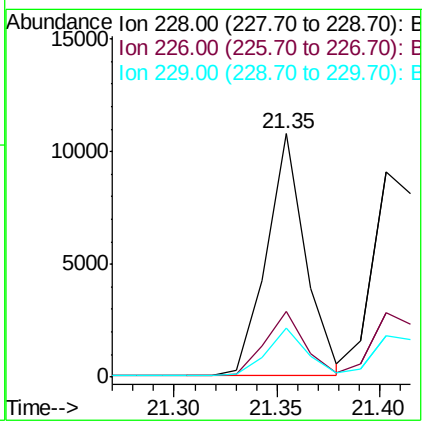


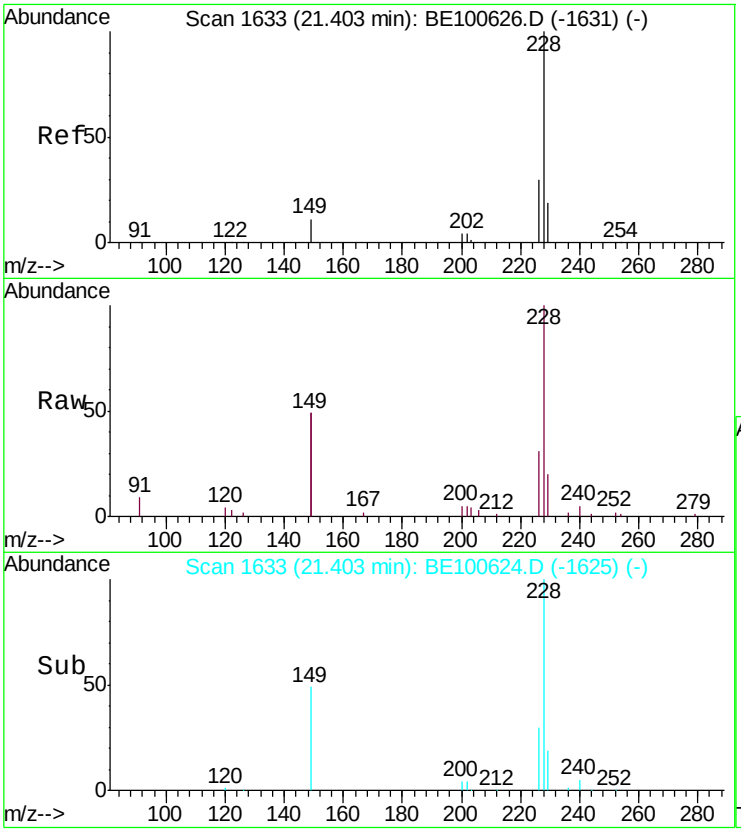


#30
Benzo(a)anthracene
Concen: 0.115 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion:228 Resp: 14184

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.0	31.6
229	20.2	15.8	23.8



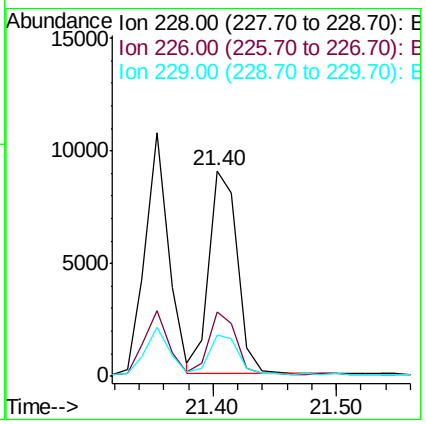


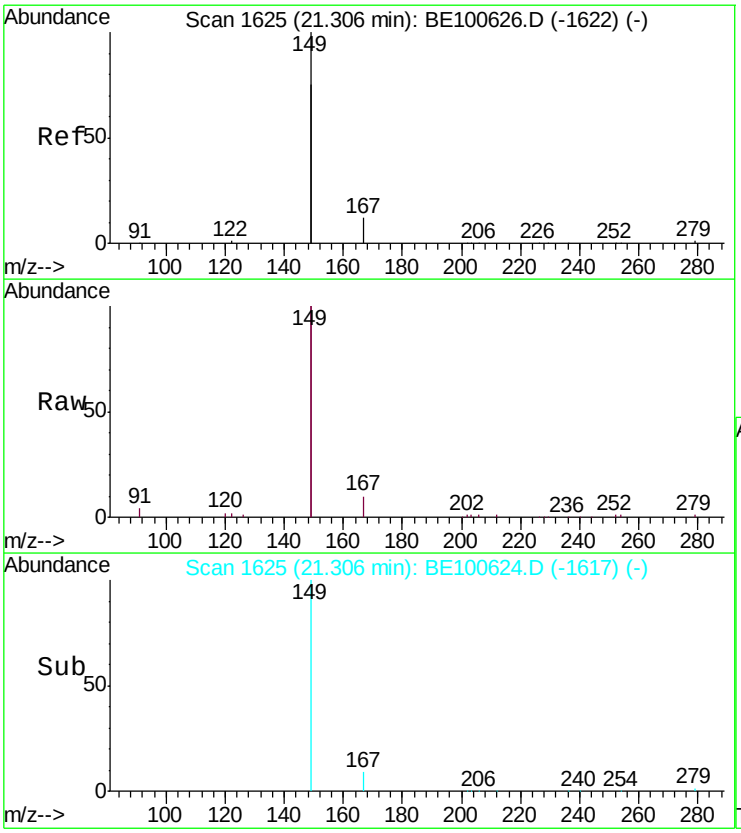
#31
Chrysene
Concen: 0.110 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 14453

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	19.9	15.6	23.4

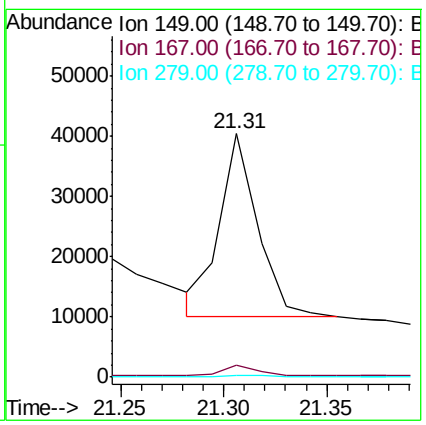


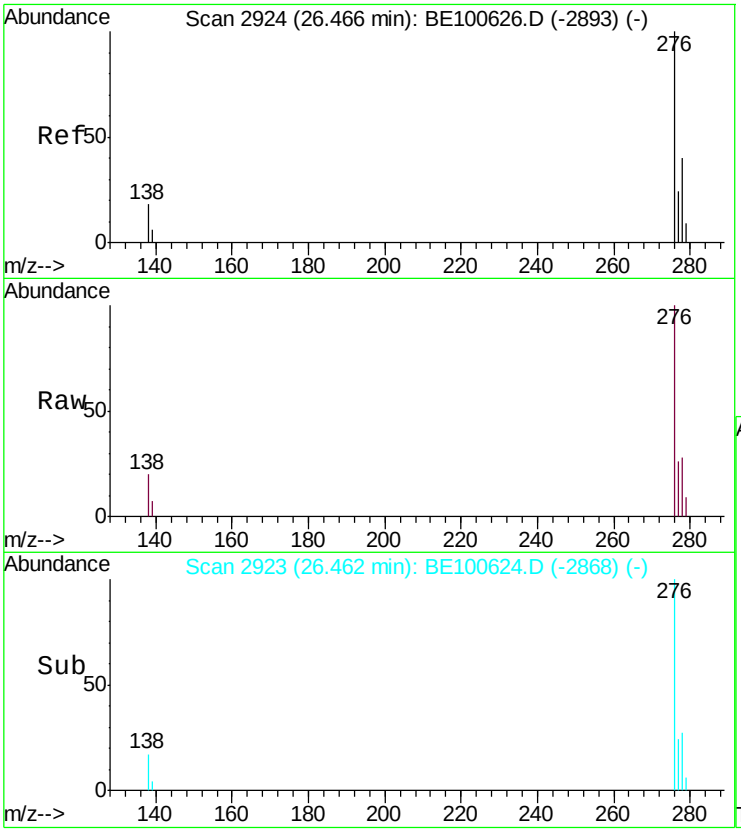


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.165 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion:149 Resp: 38832

Ion	Ratio	Lower	Upper
149	100		
167	5.8	5.4	8.2
279	0.9	1.5	2.3#



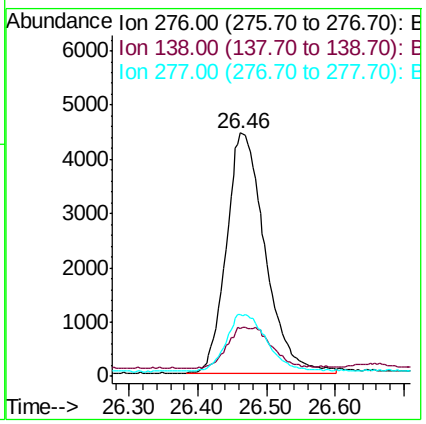


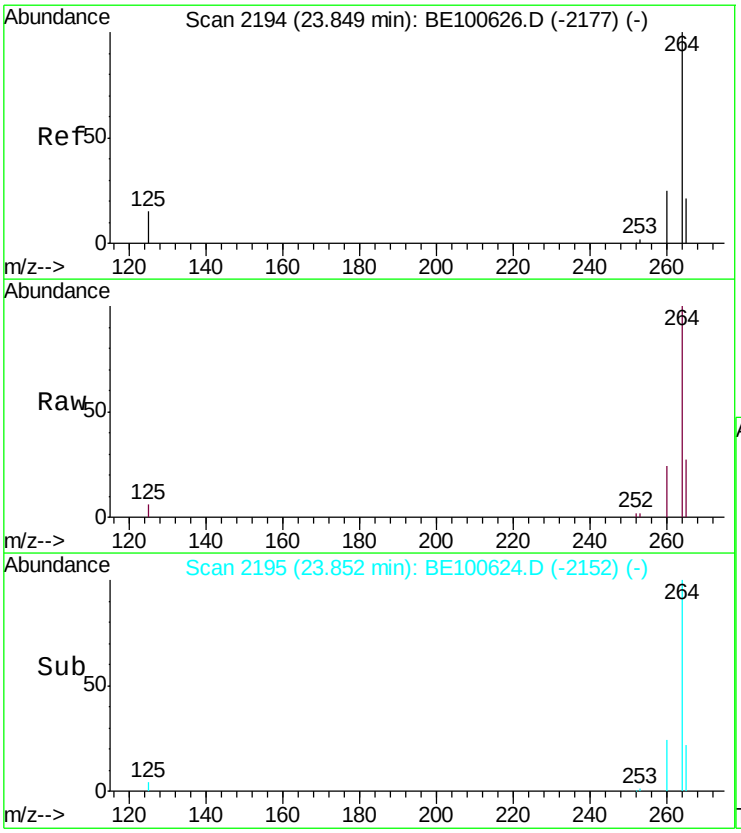
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.112 ng
RT: 26.46 min Scan# 2923
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 17389

Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.0	24.0
277	24.6	19.7	29.5

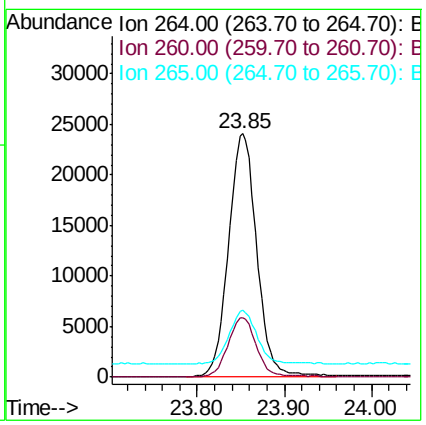


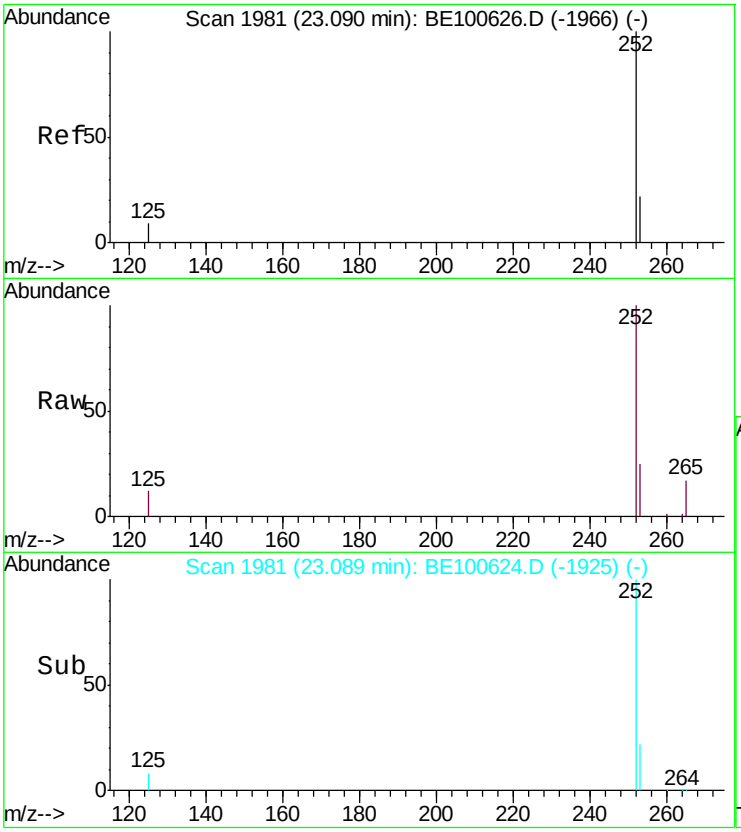


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion:264 Resp: 53656

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	27.3	20.0	30.0



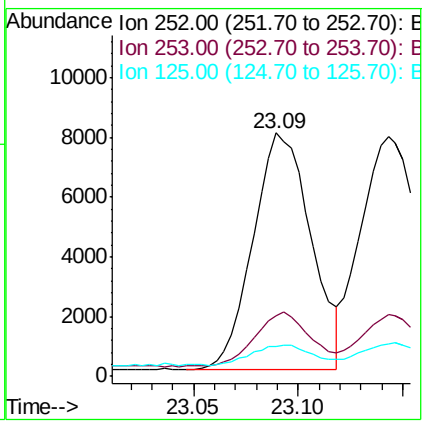


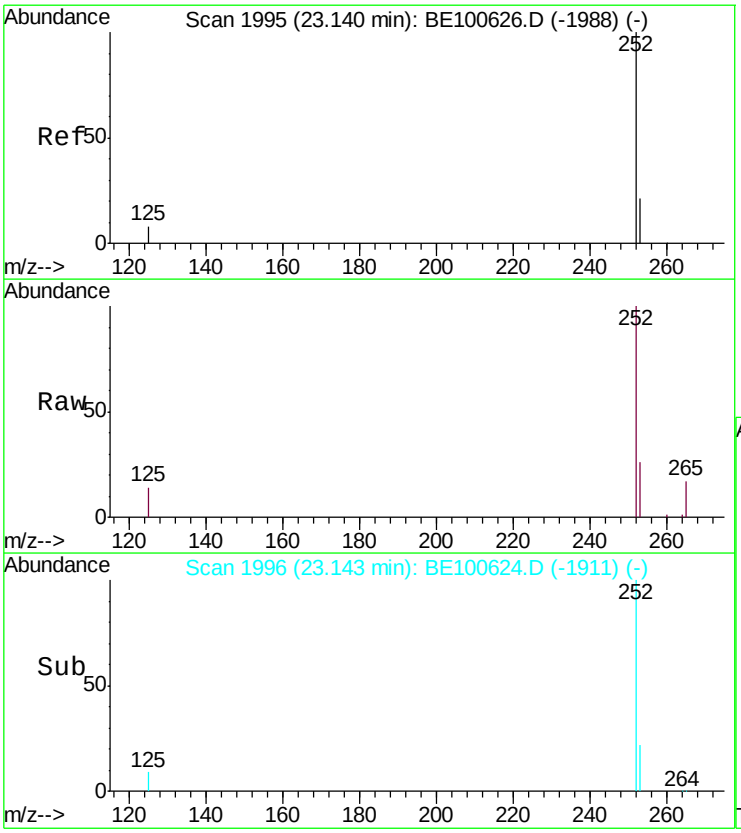
#35
Benzo(b)fluoranthene
Concen: 0.105 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 15313

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.8
125	12.4	7.6	11.4#

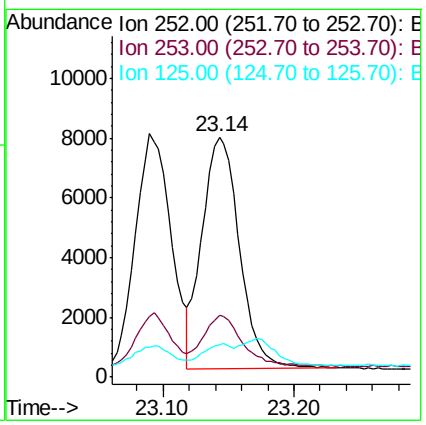


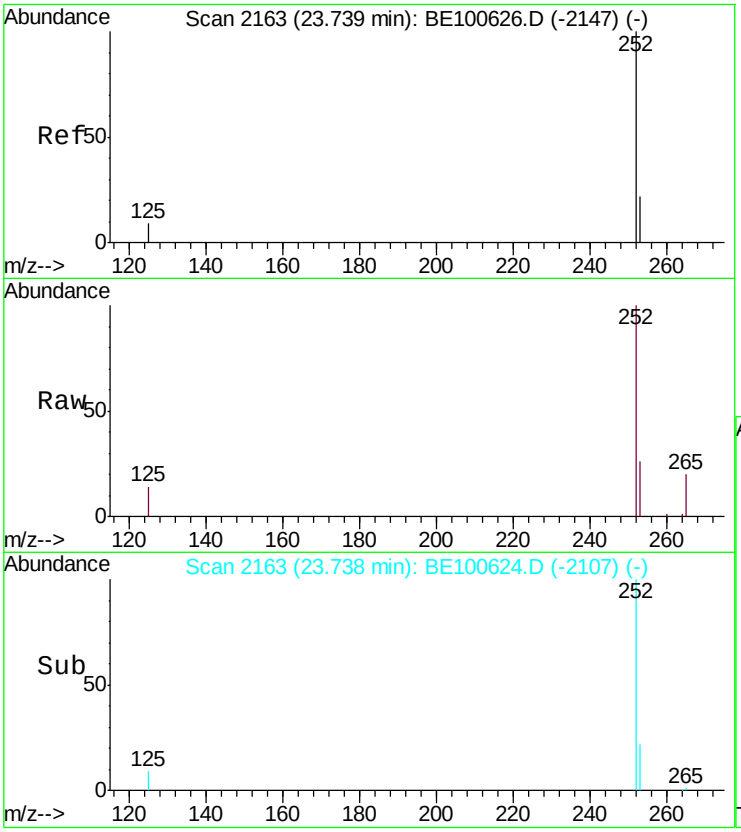


#36
Benzo(k)fluoranthene
Concen: 0.094 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion:252 Resp: 15484

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.8	26.6
125	13.6	7.6	11.4#



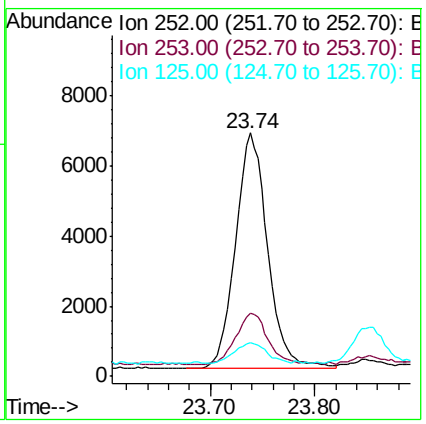


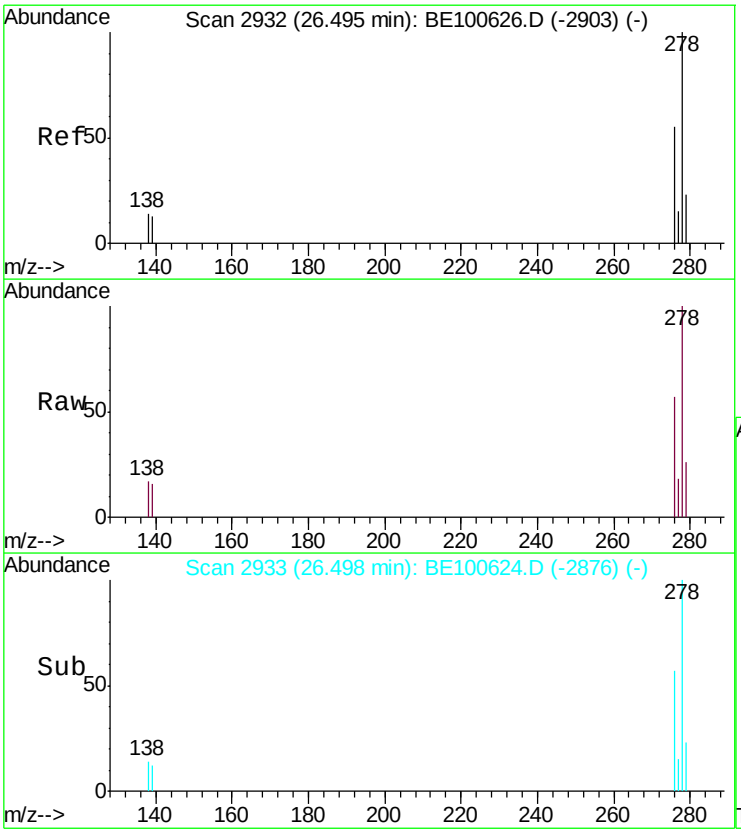
#37
Benzo(a)pyrene
Concen: 0.107 ng
RT: 23.74 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 14243

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.2	27.2
125	14.0	8.1	12.1#

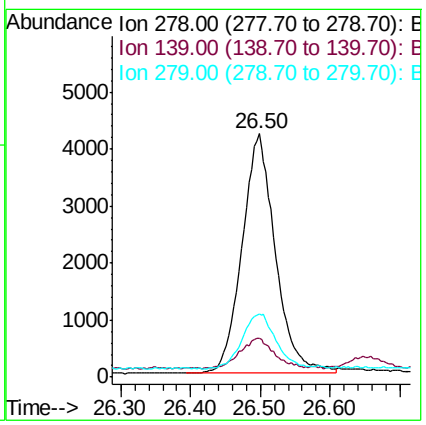


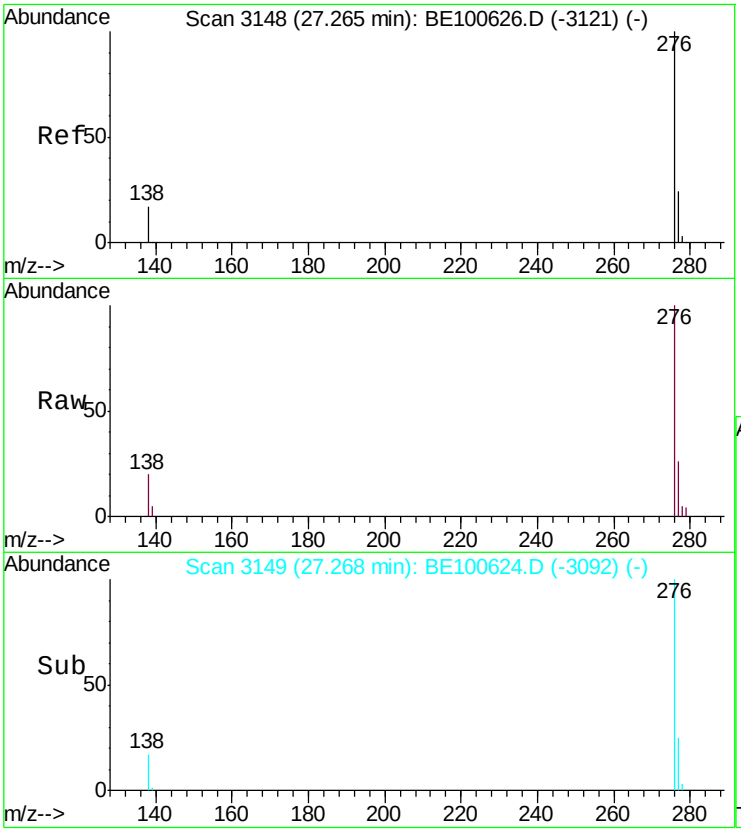


#38
Dibenzo(a,h)anthracene
Concen: 0.100 ng
RT: 26.50 min Scan# 2933
Delta R.T. 0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Tgt Ion:278 Resp: 14022

Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.2	16.8
279	25.7	19.0	28.6





#39
Benzo(g,h,i)perylene
Concen: 0.103 ng
RT: 27.27 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BE100624.D
Acq: 10 Oct 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 14691

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.3	28.9
138	20.3	14.5	21.7