Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112119\
Data File : BE100748.D
Acq On : 21 Nov 2019 17:15
Operator : JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Nov 22 01:47:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 01:43:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5028	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	21457	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	11183	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	25181	0.40	ng		0.00
27) Chrysene-d12	21.32	240	30349	0.40	ng		0.00
34) Perylene-d12	23.77	264	32834	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	2652	0.18	ng		0.00
5) Phenol-d6	6.93	99	3694	0.18	ng		0.00
8) Nitrobenzene-d5	8.90	82	1104	0.06	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	5987	0.17	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	258	0.22	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	8620	0.21	ng		0.00
25) Fluoranthene-d10	19.17	212	56913	0.17	ng		0.00
29) Terphenyl-d14	19.78	244	12938	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	2008	0.229	ng		85
3) n-Nitrosodimethylamine	3.67	42	992	0.114	ng	#	1
6) bis(2-Chloroethyl)ether	7.19	93	2965	0.163	ng		95
9) Naphthalene	10.59	128	44191	0.199	ng		100
10) Hexachlorobutadiene	10.90	225	1680	0.164	ng		95
12) 2-Methylnaphthalene	12.22	142	6732	0.178	ng		97
16) Acenaphthylene	14.13	152	8876	0.196	ng		99
17) Acenaphthene	14.47	154	6097	0.205	ng		99
18) Fluorene	15.43	166	7729	0.190	ng		97
20) 4-Bromophenyl-phenylether	16.34	248	2255	0.169	ng	#	55
21) Hexachlorobenzene	16.45	284	2404	0.186	ng		100
23) Phenanthrene	17.17	178	14372	0.209	ng		99
24) Anthracene	17.27	178	11581	0.189	ng		100
26) Fluoranthene	19.20	202	16684	0.182	ng		100
28) Pyrene	19.56	202	17352	0.206	ng		99
30) Benzo(a)anthracene	21.31	228	19142	0.197	ng		100
31) Chrysene	21.35	228	20203	0.204	ng		99
32) Bis(2-ethylhexyl)phthalate	21.26	149	28865	0.167	ng		99
33) Indeno(1,2,3-cd)pyrene	26.34	276	19586	0.169	ng	#	87
35) Benzo(b)fluoranthene	23.02	252	18028	0.188	ng		98
36) Benzo(k)fluoranthene	23.07	252	18662	0.186	ng		98
37) Benzo(a)pyrene	23.66	252	16267	0.182	ng		96
38) Dibenzo(a,h)anthracene	26.38	278	15690	0.169	ng		96
39) Benzo(g,h,i)perylene	27.14	276	17263	0.189	ng		97

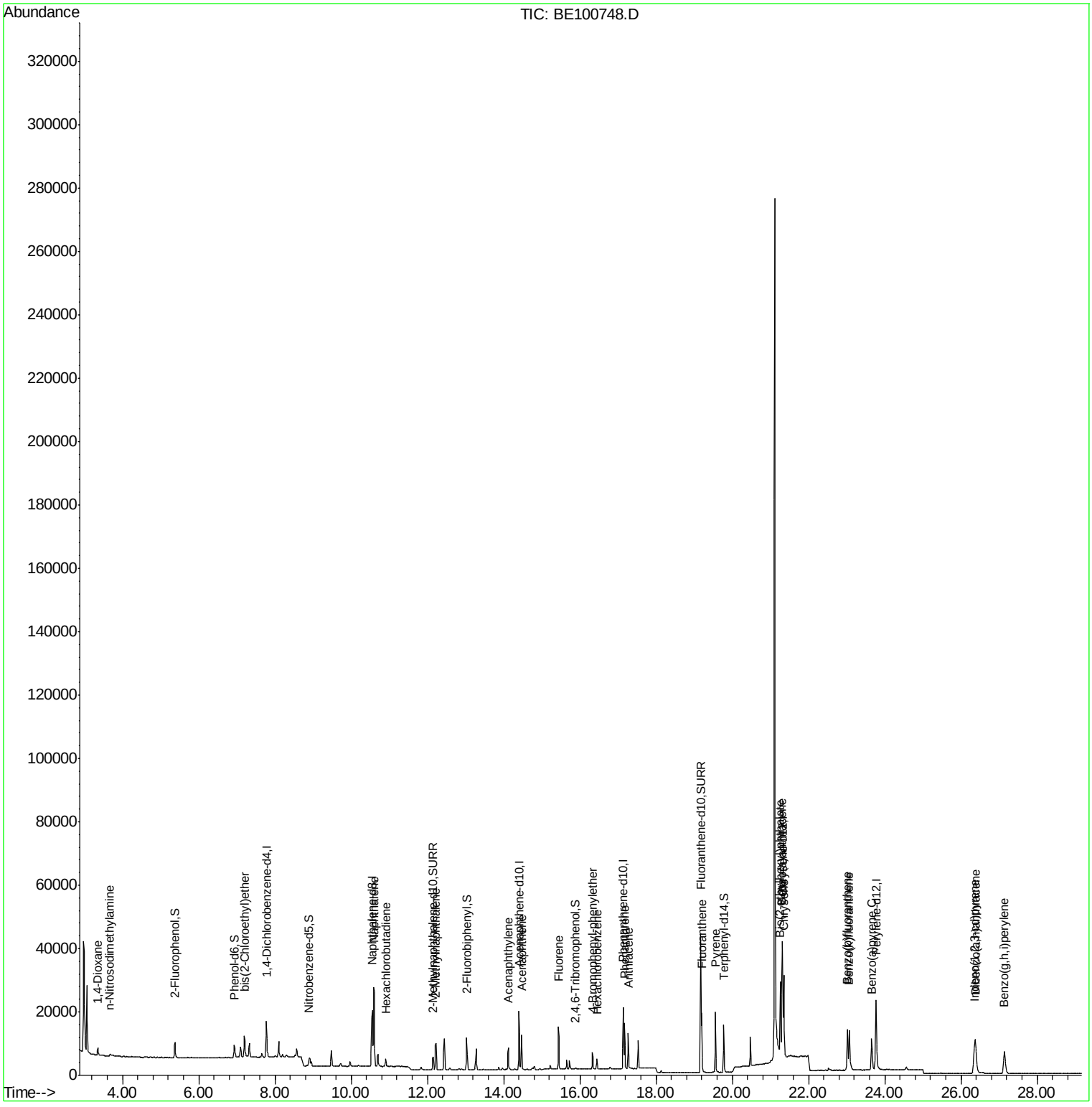
(#) = qualifier out of range (m) = manual integration (+) = signals summed

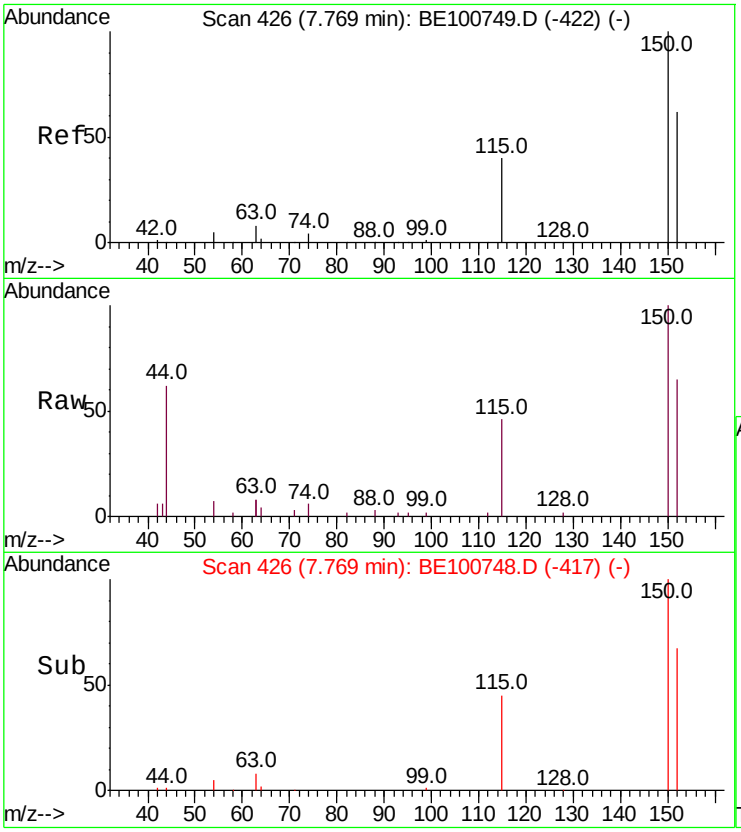
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112119\
Data File : BE100748.D
Acq On : 21 Nov 2019 17:15
Operator : JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Nov 22 01:47:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 01:43:03 2019
Response via : Initial Calibration



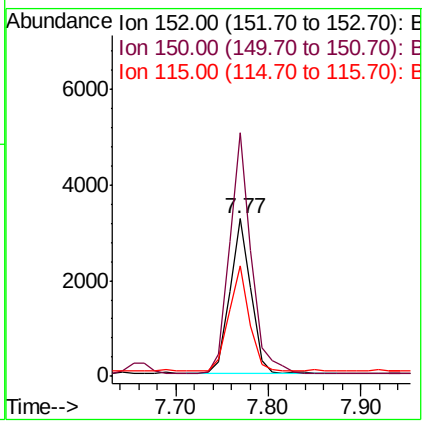


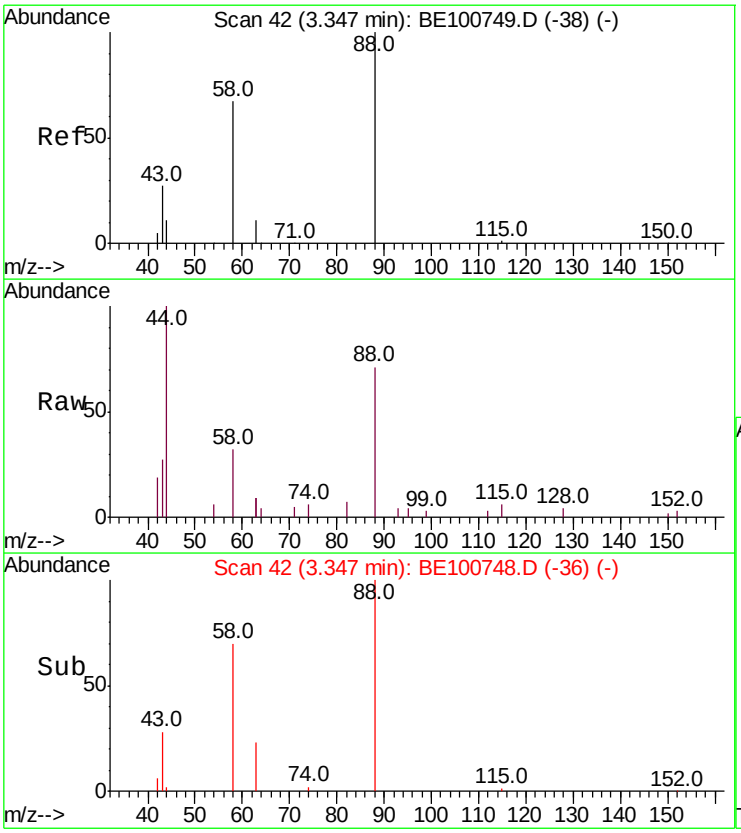
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5028

Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.1	190.7
115	70.4	53.0	79.4

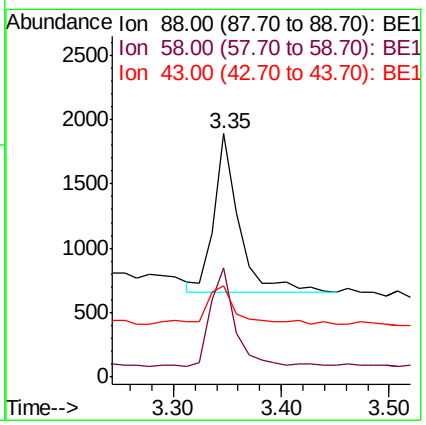


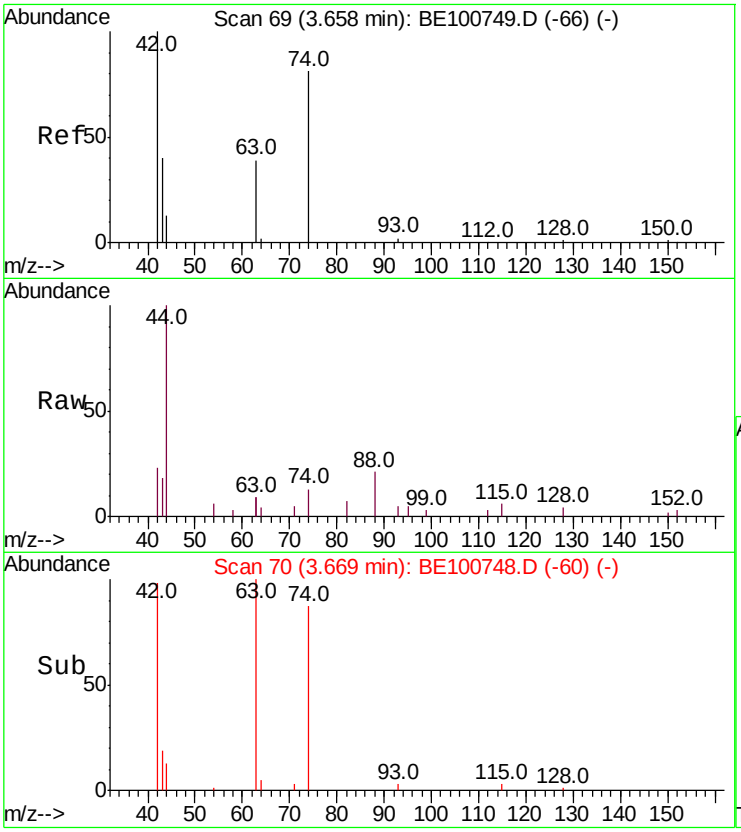


#2
1,4-Dioxane
Concen: 0.229 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion: 88 Resp: 2008

Ion	Ratio	Lower	Upper
88	100		
58	61.3	60.7	91.1
43	28.2	27.4	41.2



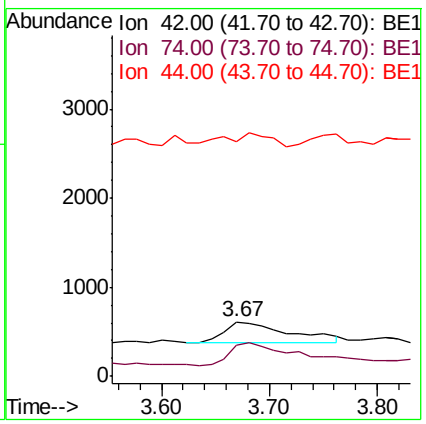


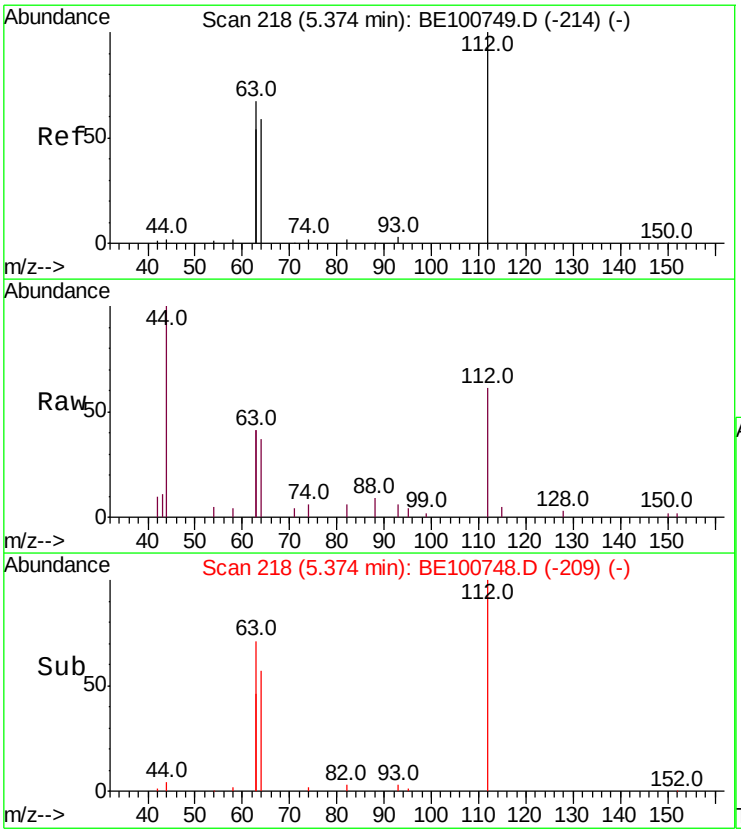
#3
n-Nitrosodimethylamine
Concen: 0.114 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.01 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 992

Ion	Ratio	Lower	Upper
42	100		
74	103.6	0.0	0.0#
44	41.8	4.2	6.4#

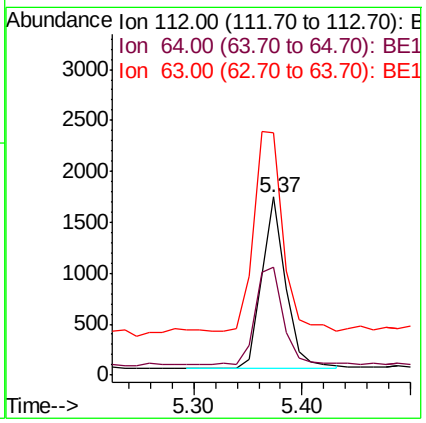


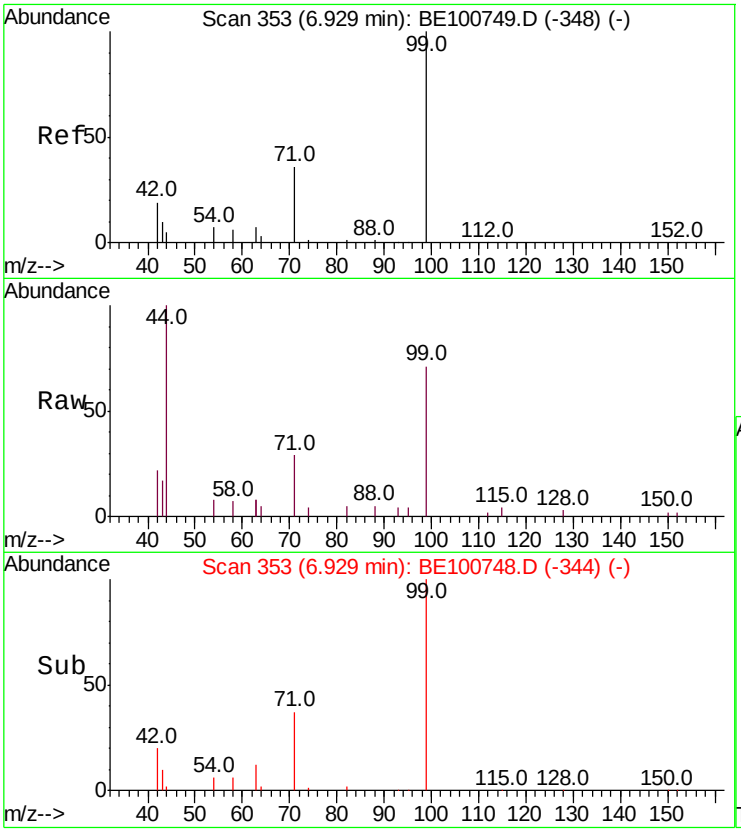


#4
2-Fluorophenol
Concen: 0.181 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion:112 Resp: 2652

Ion	Ratio	Lower	Upper
112	100		
64	65.6	54.3	81.5
63	138.6	114.0	171.0



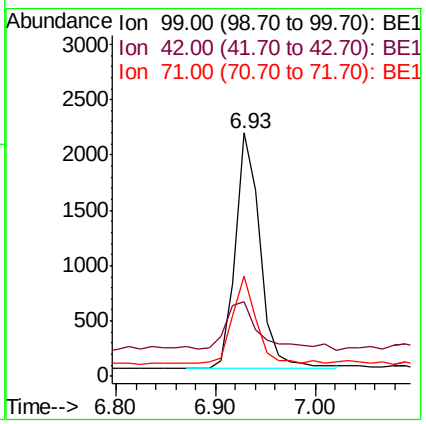


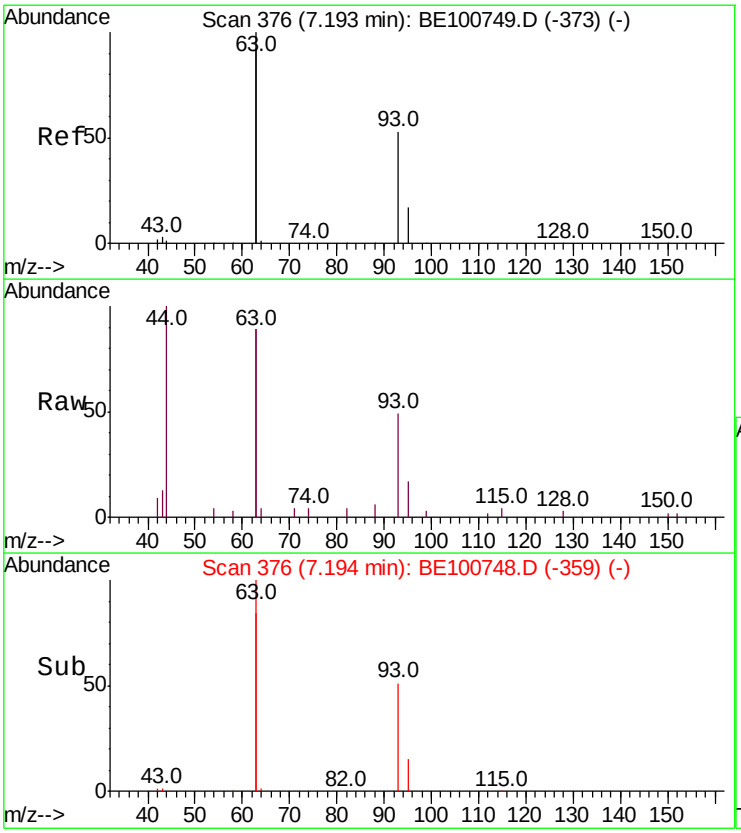
#5
Phenol-d6
Concen: 0.178 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 3694

Ion	Ratio	Lower	Upper
99	100		
42	28.0	17.9	26.9#
71	35.4	29.3	43.9

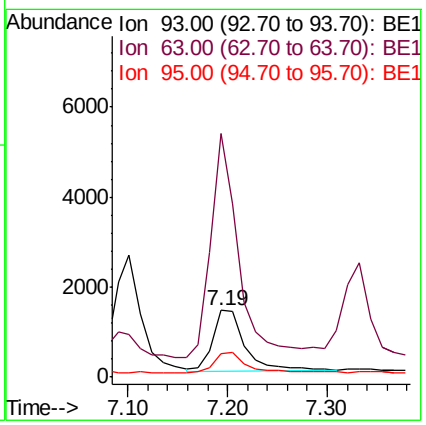


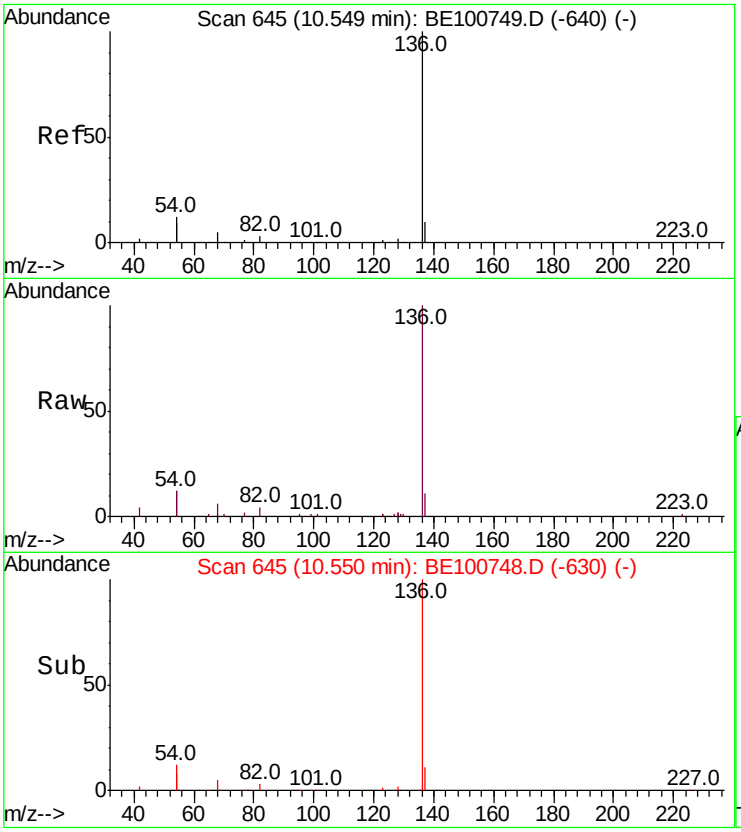


#6
bis(2-Chloroethyl)ether
Concen: 0.163 ng
RT: 7.19 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion: 93 Resp: 2965

Ion	Ratio	Lower	Upper
93	100		
63	323.7	267.0	400.6
95	33.8	26.2	39.4



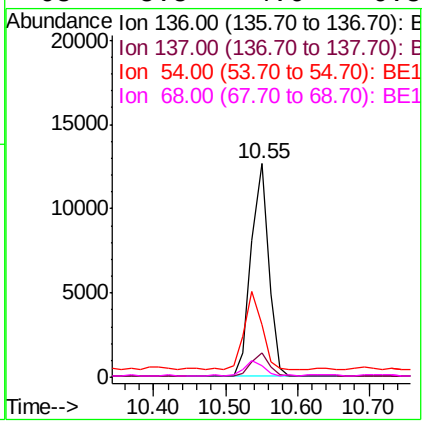


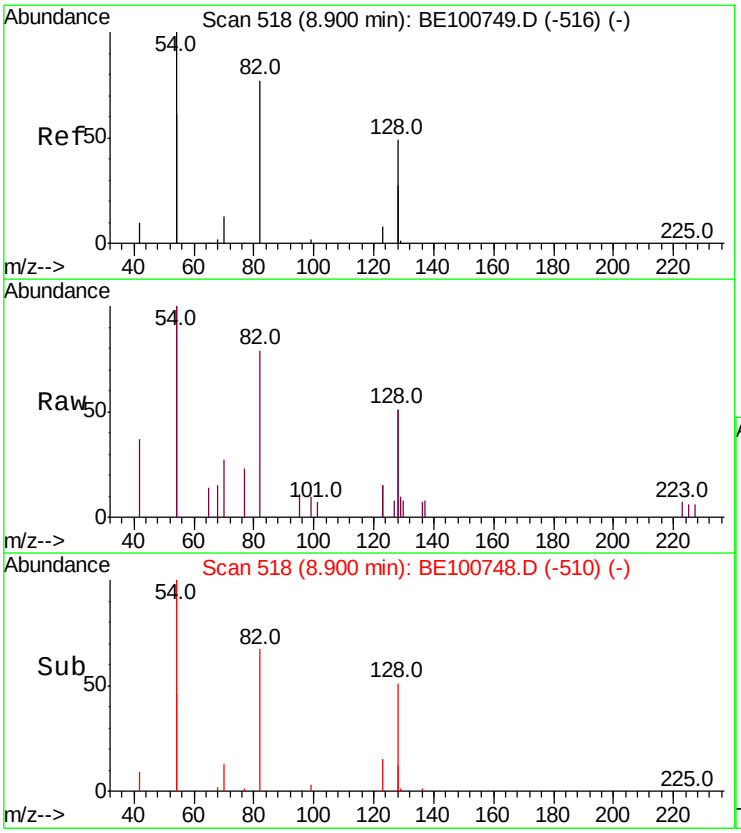
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 21457

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	24.5	19.4	29.0
68	5.5	4.6	6.8

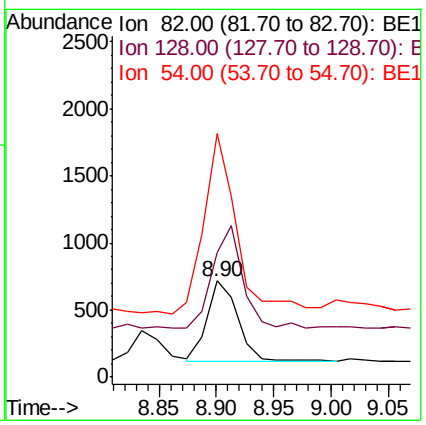


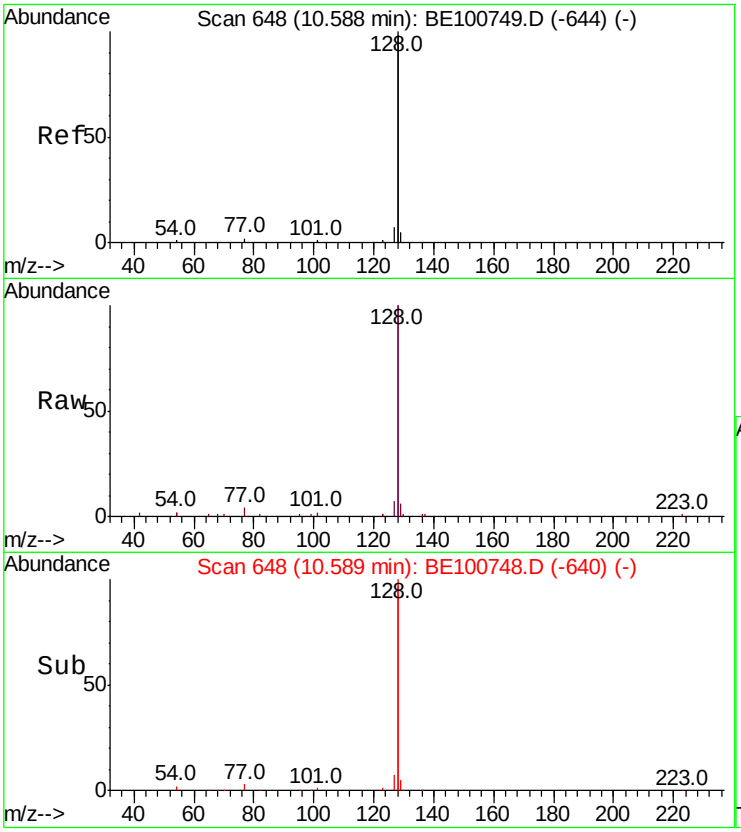


#8
Nitrobenzene-d5
Concen: 0.061 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion: 82 Resp: 1104

Ion	Ratio	Lower	Upper
82	100		
128	129.8	90.2	135.4
54	252.6	186.0	279.0



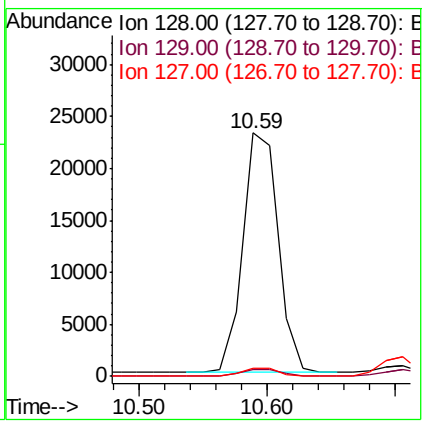


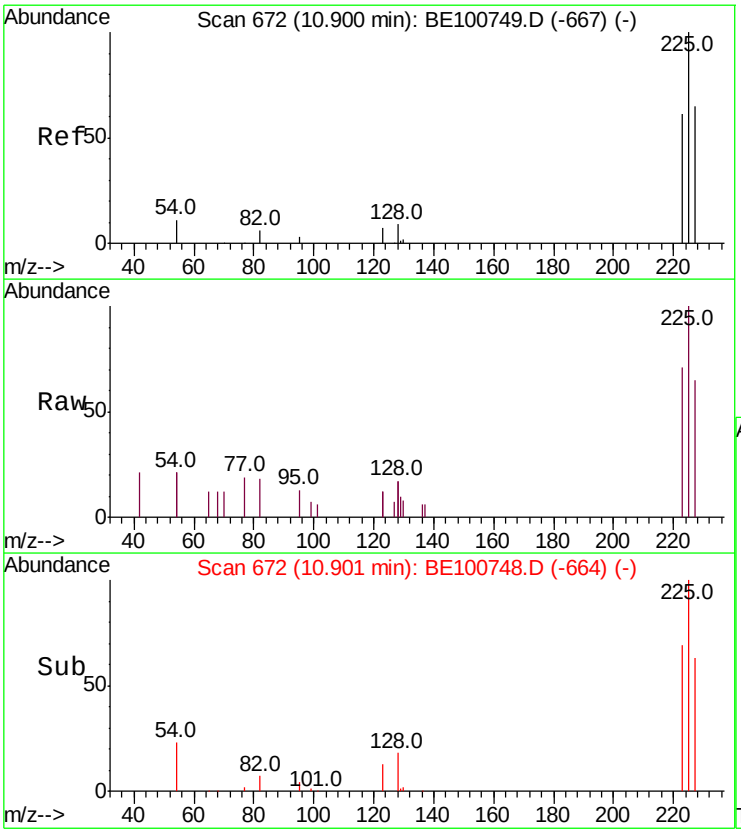
#9
Naphthalene
Concen: 0.199 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 44191

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.3	3.5
127	3.6	2.7	4.1

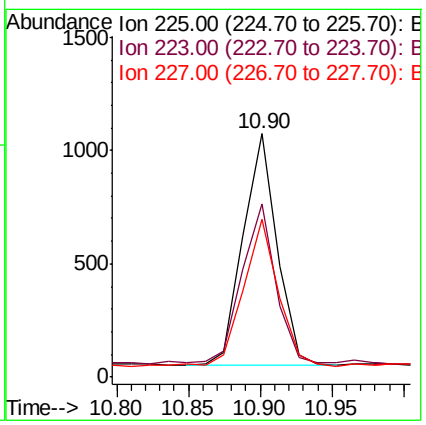


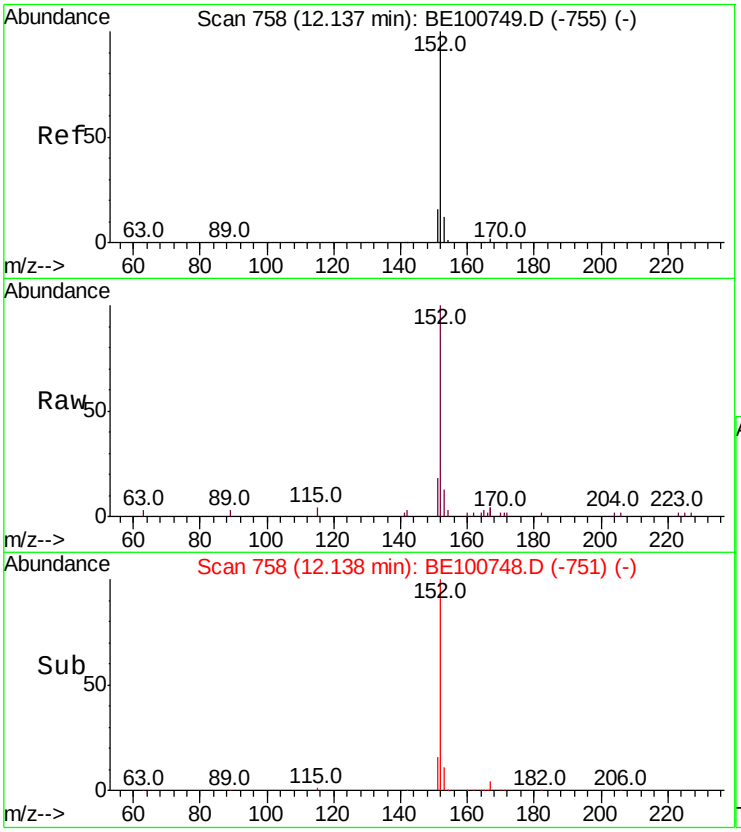


#10
Hexachlorobutadiene
Concen: 0.164 ng
RT: 10.90 min Scan# 672
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion:225 Resp: 1680

Ion	Ratio	Lower	Upper
225	100		
223	70.4	50.6	75.8
227	64.6	52.0	78.0



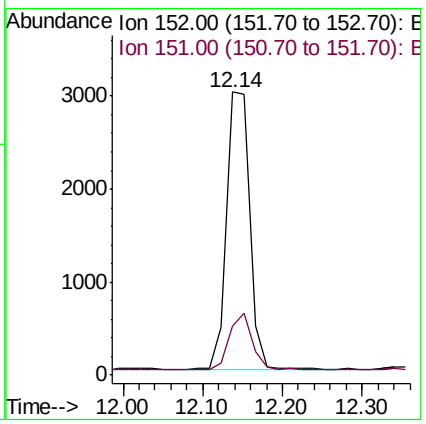


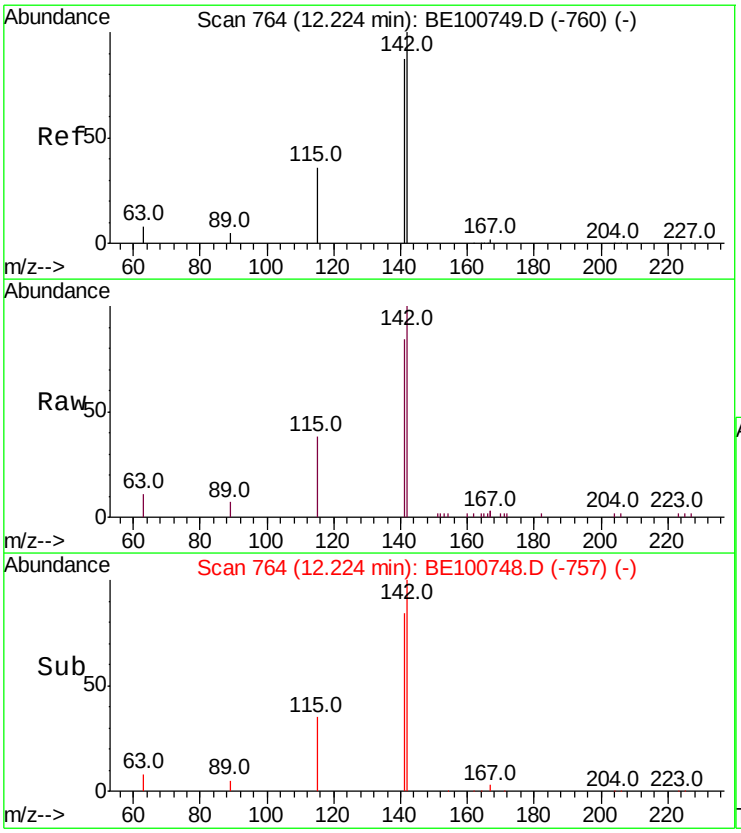
#11
2-Methylnaphthalene-d10
Concen: 0.175 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5987

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8

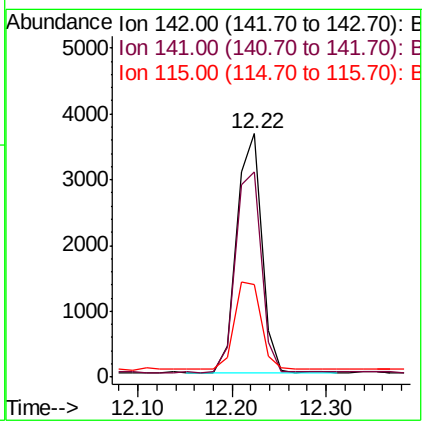


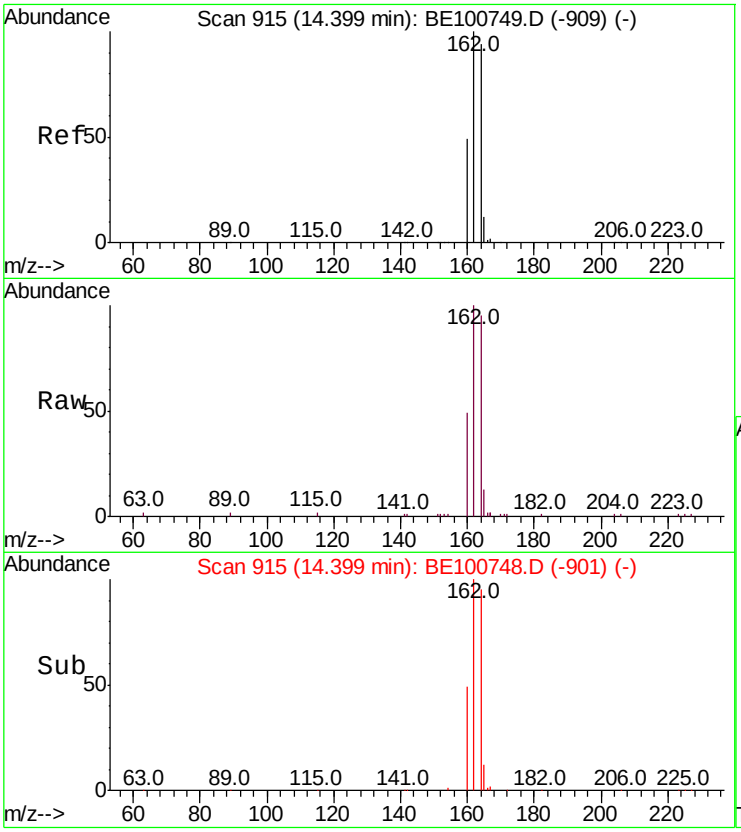


#12
2-Methylnaphthalene
Concen: 0.178 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion:142 Resp: 6732

Ion	Ratio	Lower	Upper
142	100		
141	84.5	69.9	104.9
115	37.9	29.5	44.3



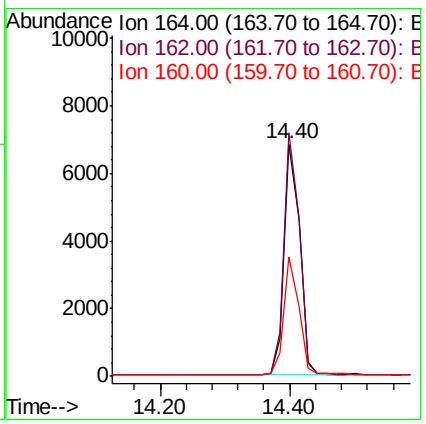


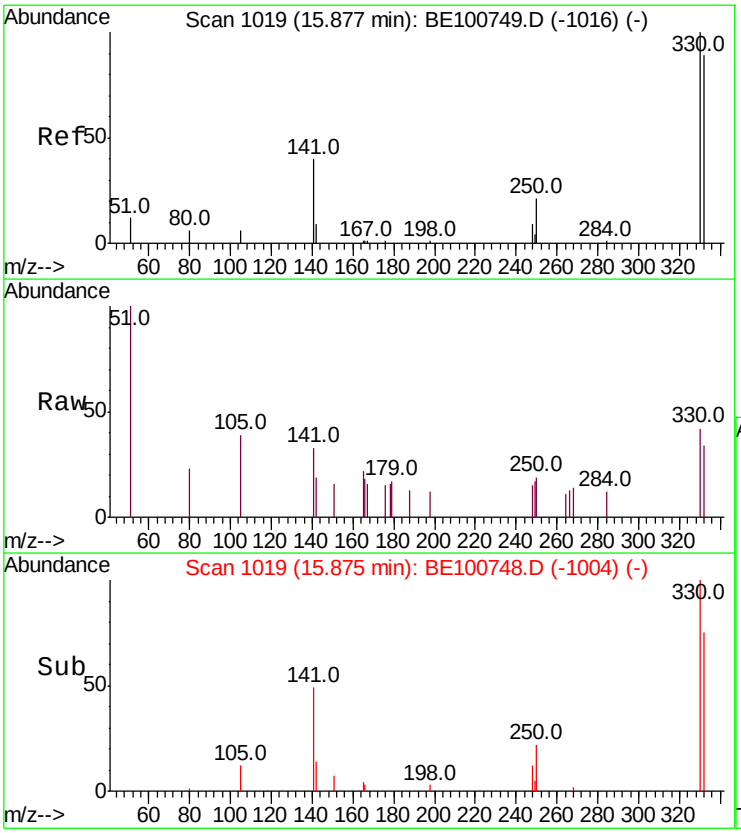
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 11183

Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.8	127.2
160	51.7	42.3	63.5

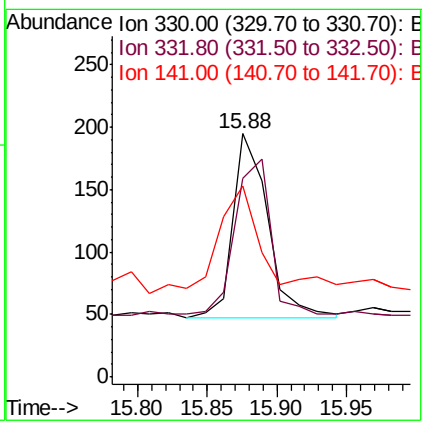


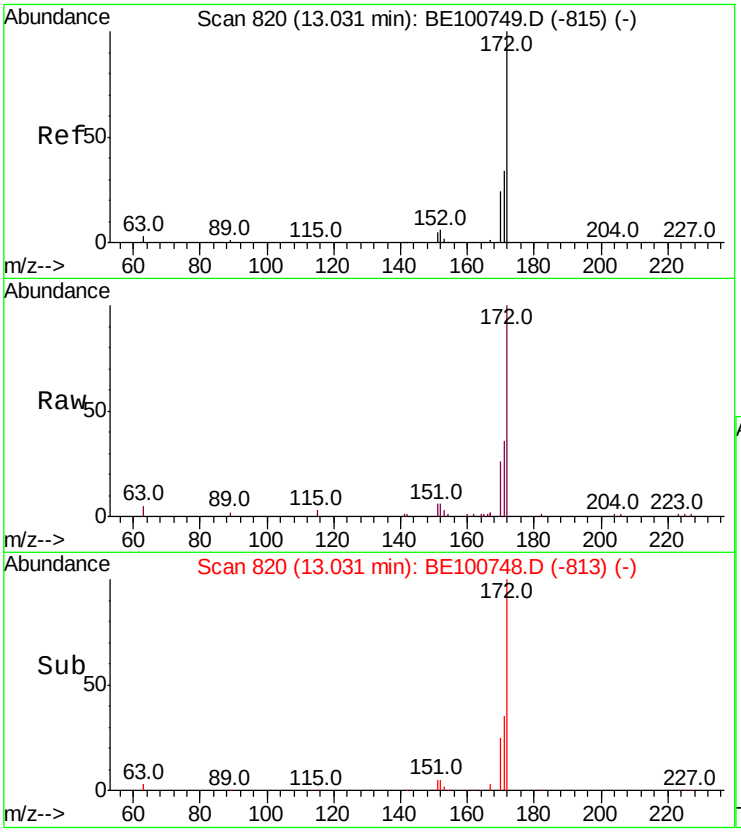


#14
2,4,6-Tribromophenol
Concen: 0.222 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion:330 Resp: 258

Ion	Ratio	Lower	Upper
330	100		
332	84.5	79.3	118.9
141	58.1	43.8	65.6



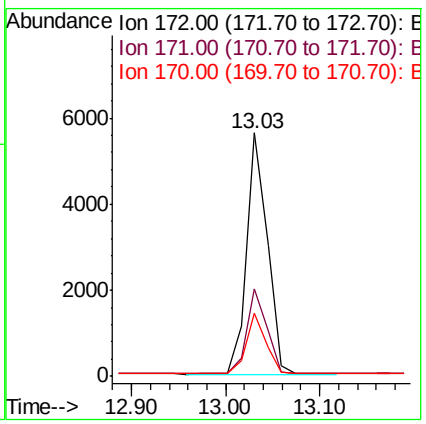


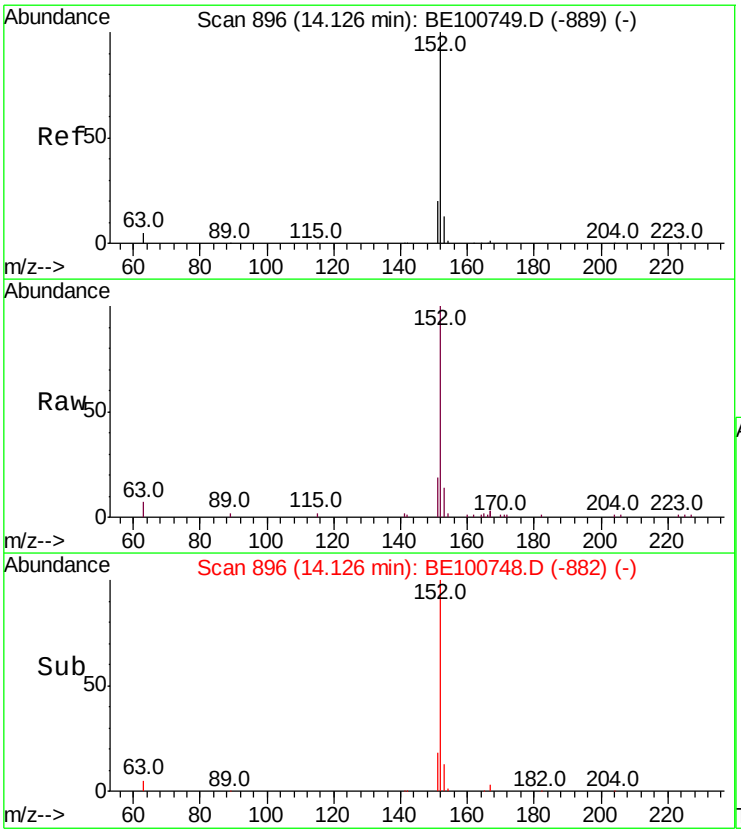
#15
2-Fluorobiphenyl
Concen: 0.210 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 8620

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.6
170	25.7	19.4	29.2

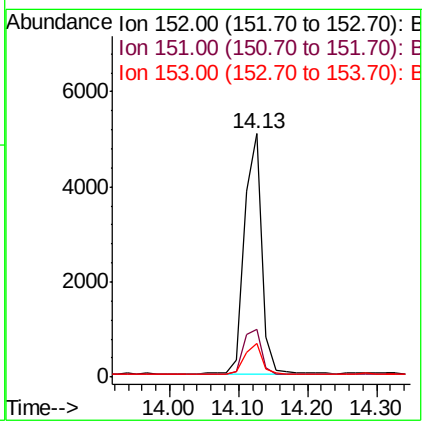


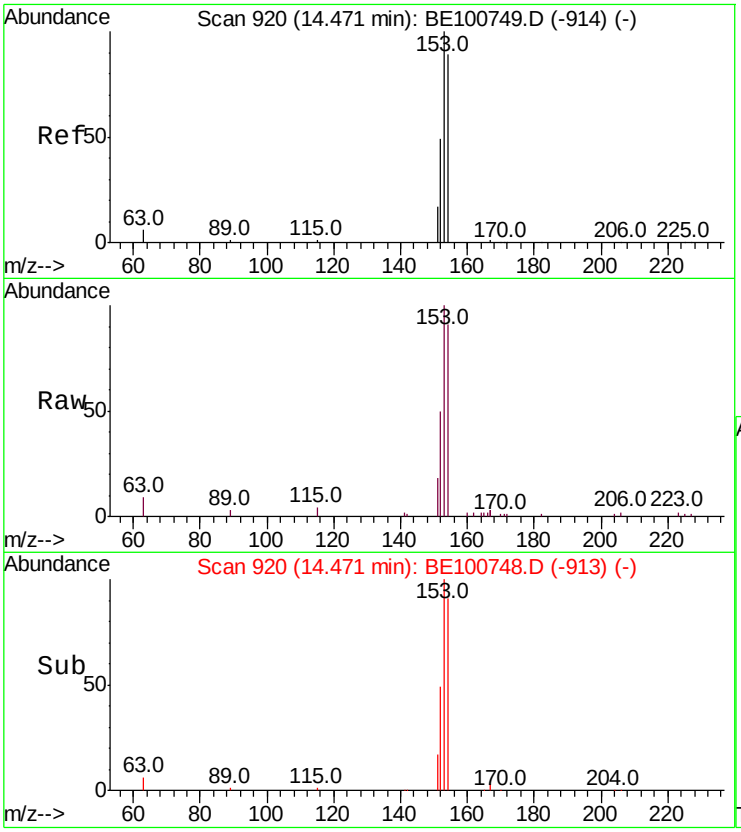


#16
Acenaphthylene
Concen: 0.196 ng
RT: 14.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion:152 Resp: 8876

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	13.3	10.6	15.8



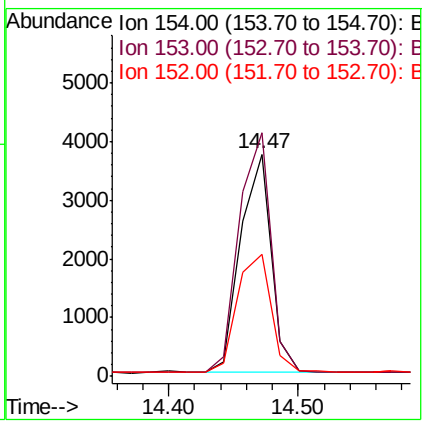


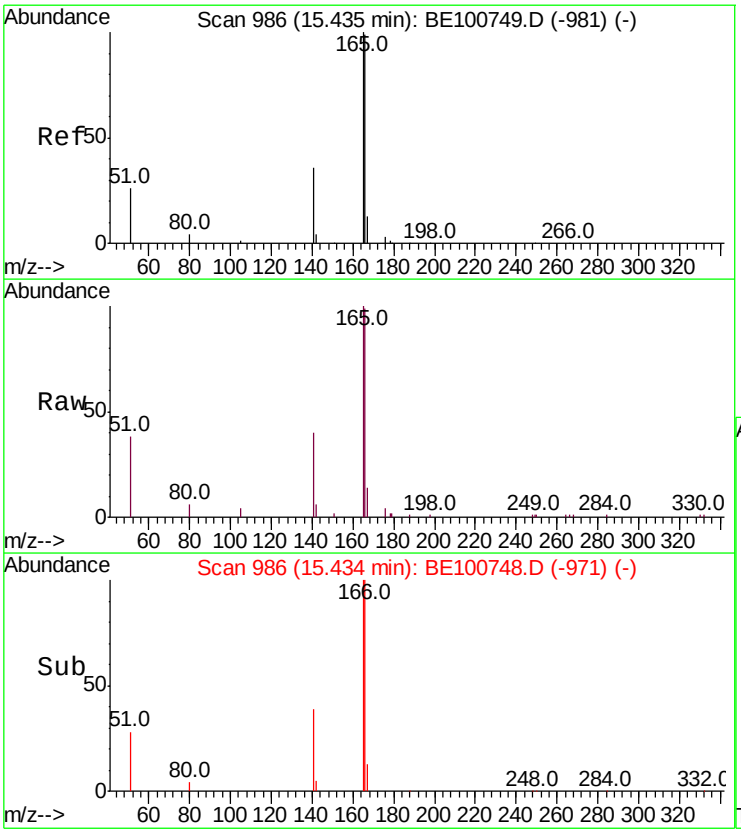
#17
Acenaphthene
Concen: 0.205 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 6097

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.6	137.4
152	59.7	47.0	70.6

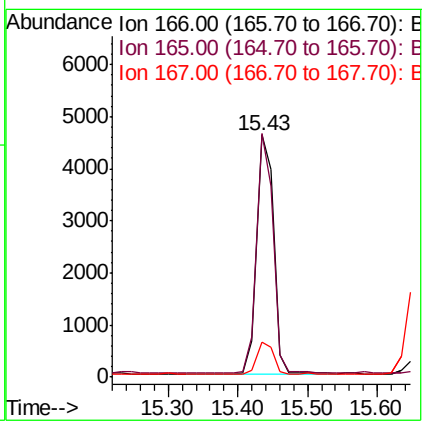


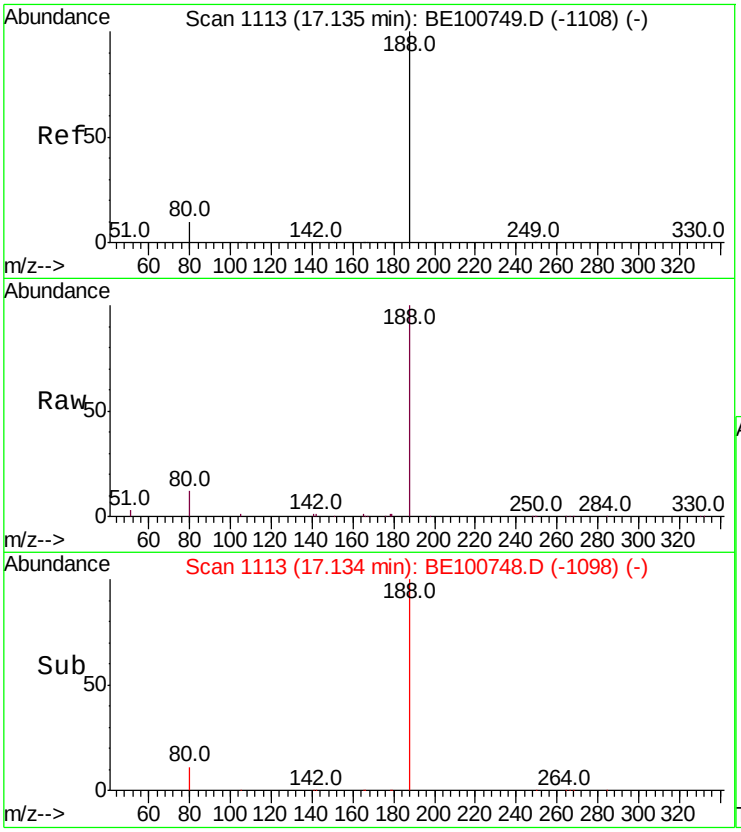


#18
Fluorene
Concen: 0.190 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion:166 Resp: 7729

Ion	Ratio	Lower	Upper
166	100		
165	97.1	80.2	120.4
167	13.2	11.0	16.4



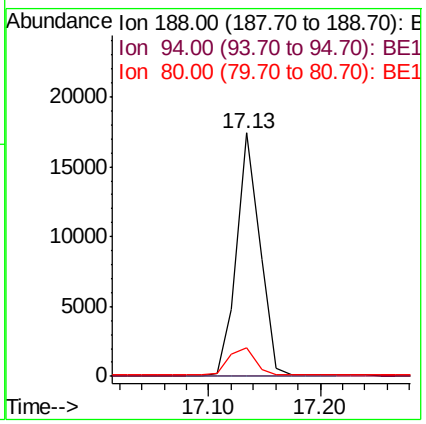


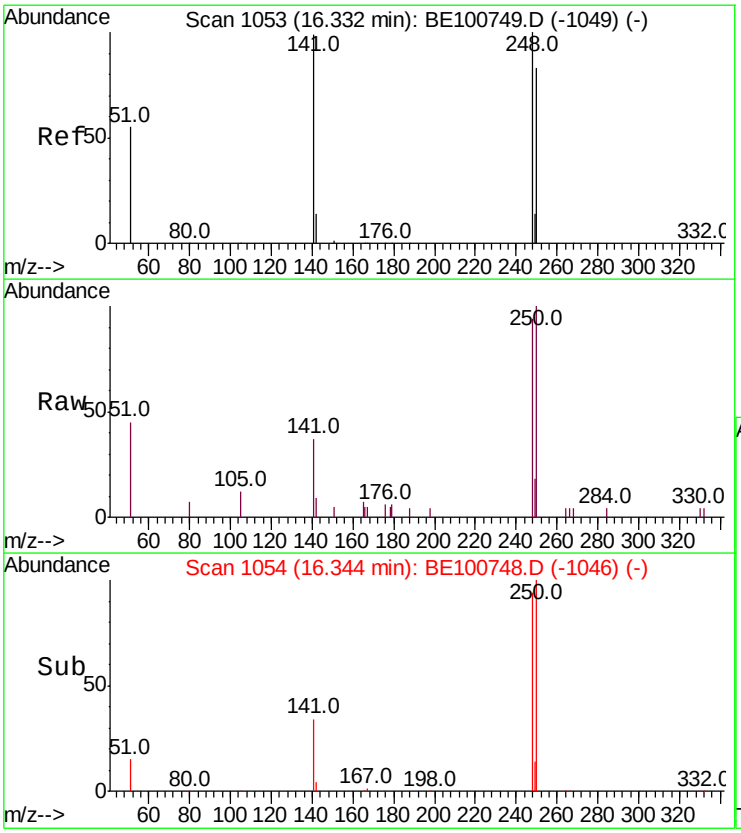
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 25181

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	8.2	12.2

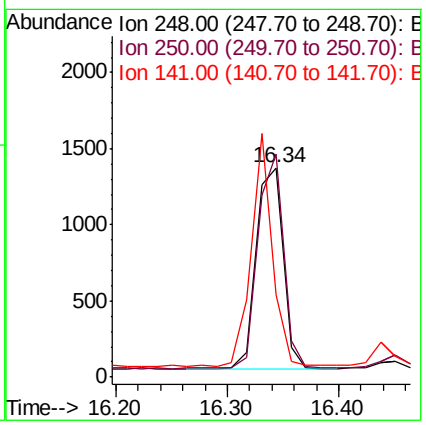


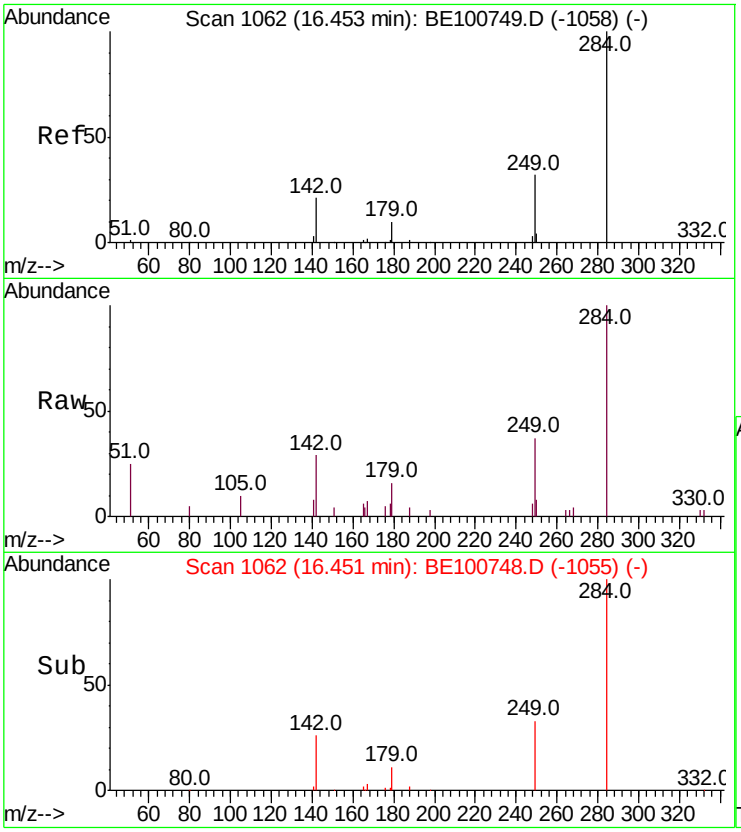


#20
4-Bromophenyl-phenylether
Concen: 0.169 ng
RT: 16.34 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion:248 Resp: 2255

Ion	Ratio	Lower	Upper
248	100		
250	106.3	66.3	99.5#
141	39.5	79.6	119.4#



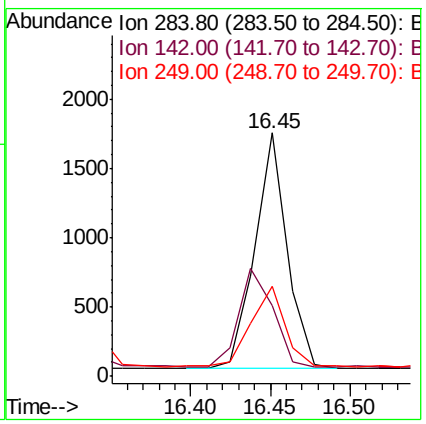


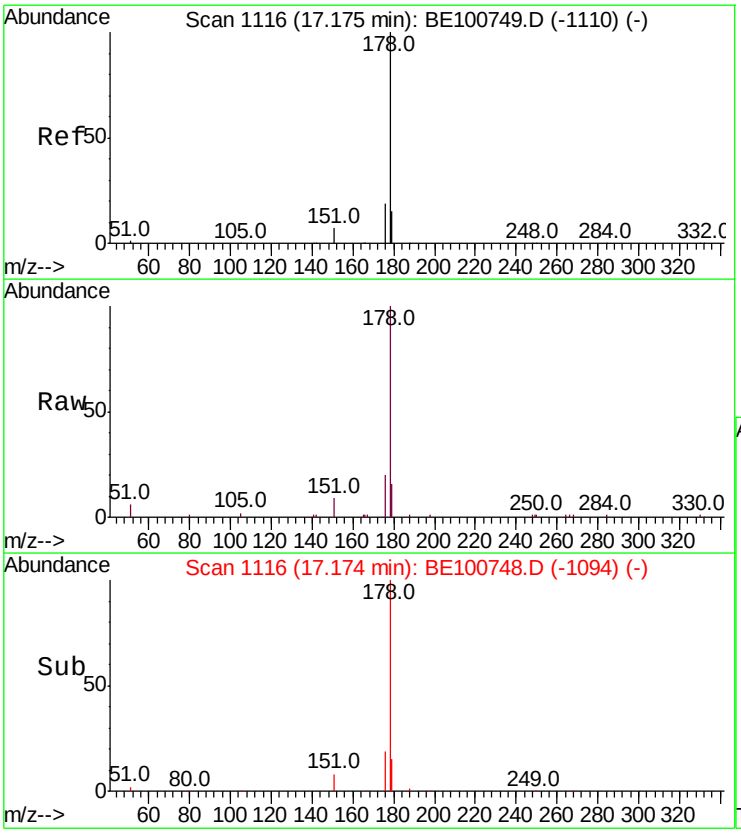
#21
Hexachlorobenzene
Concen: 0.186 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 2404

Ion	Ratio	Lower	Upper
284	100		
142	43.8	34.9	52.3
249	35.9	28.7	43.1

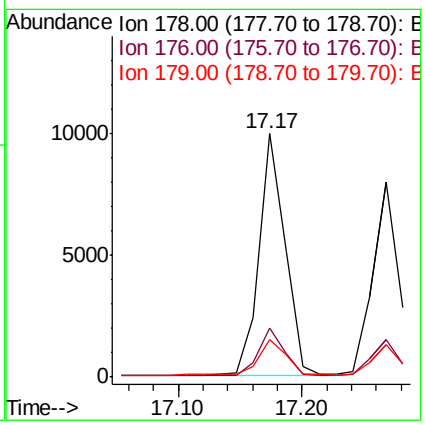


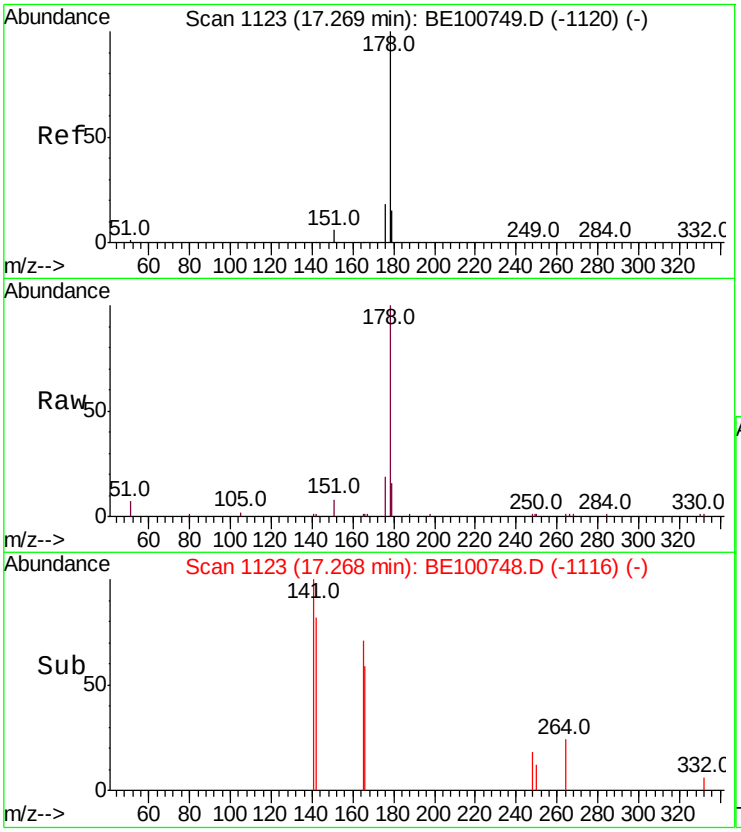


#23
Phenanthrene
Concen: 0.209 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion:178 Resp: 14372

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.3	12.5	18.7



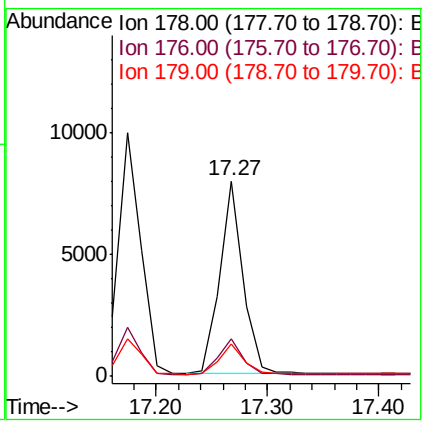


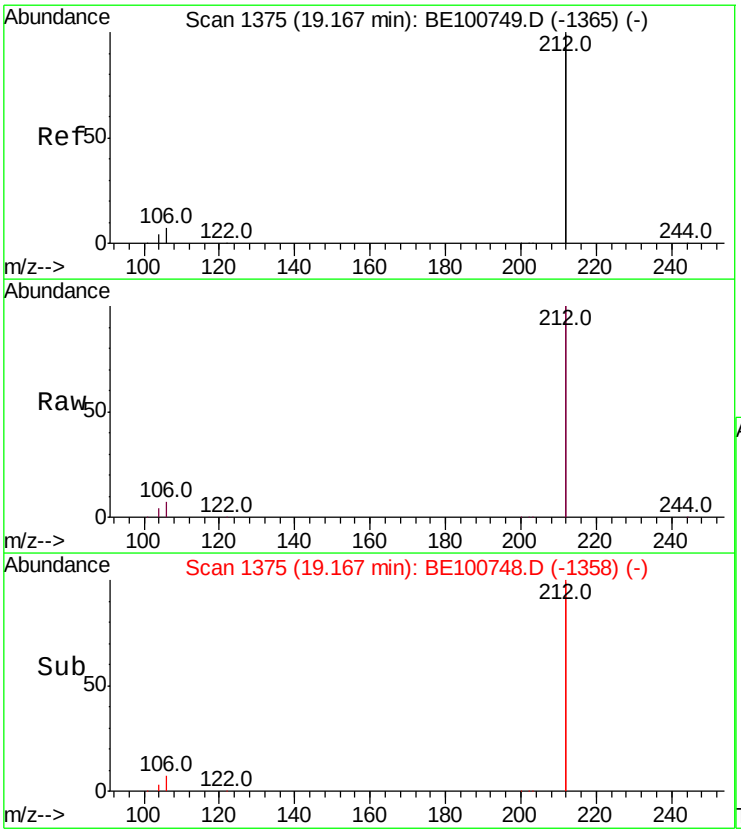
#24
Anthracene
Concen: 0.189 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 11581

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.5	12.2	18.4

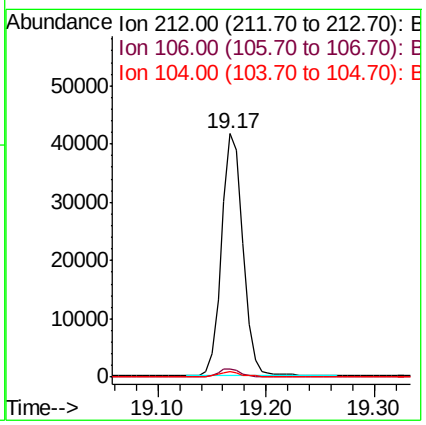


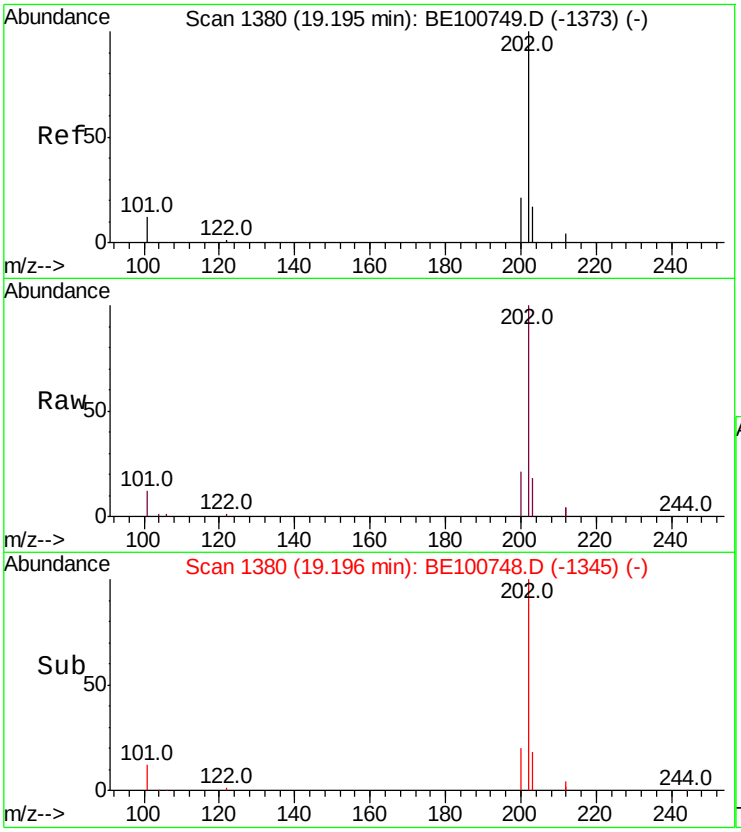


#25
Fluoranthene-d10
Concen: 0.171 ng
RT: 19.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion:212 Resp: 56913

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	4.0
104	1.8	1.5	2.3



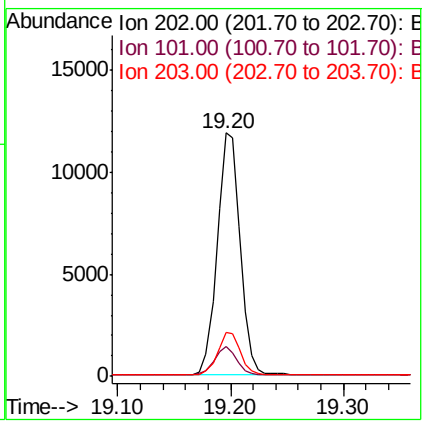


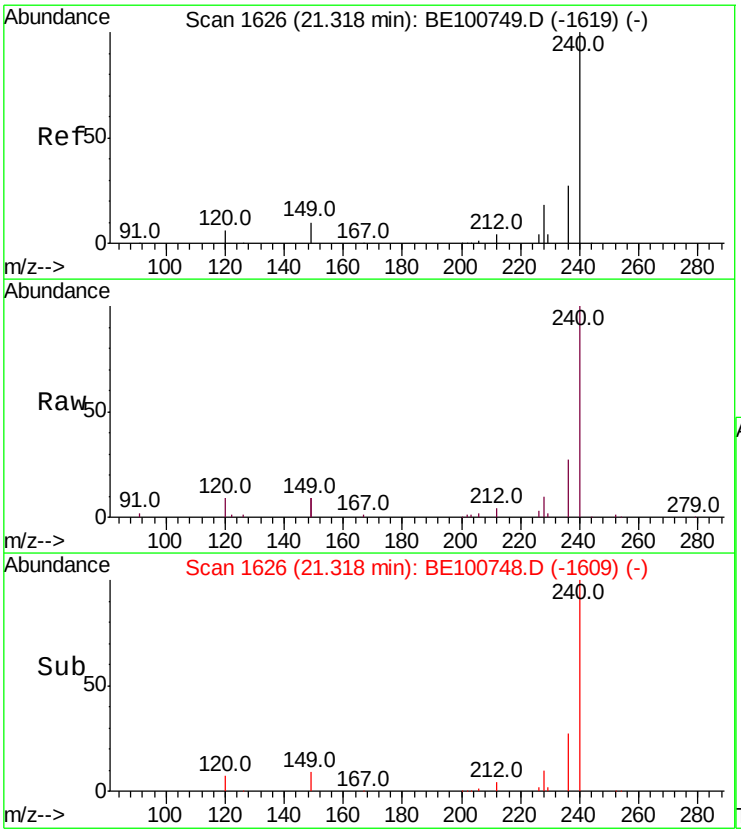
#26
Fluoranthene
Concen: 0.182 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 16684

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.2	13.8
203	17.3	13.8	20.8

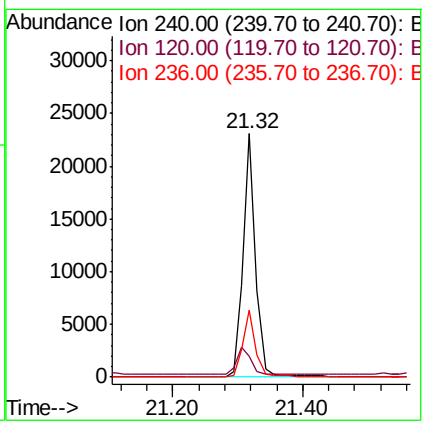


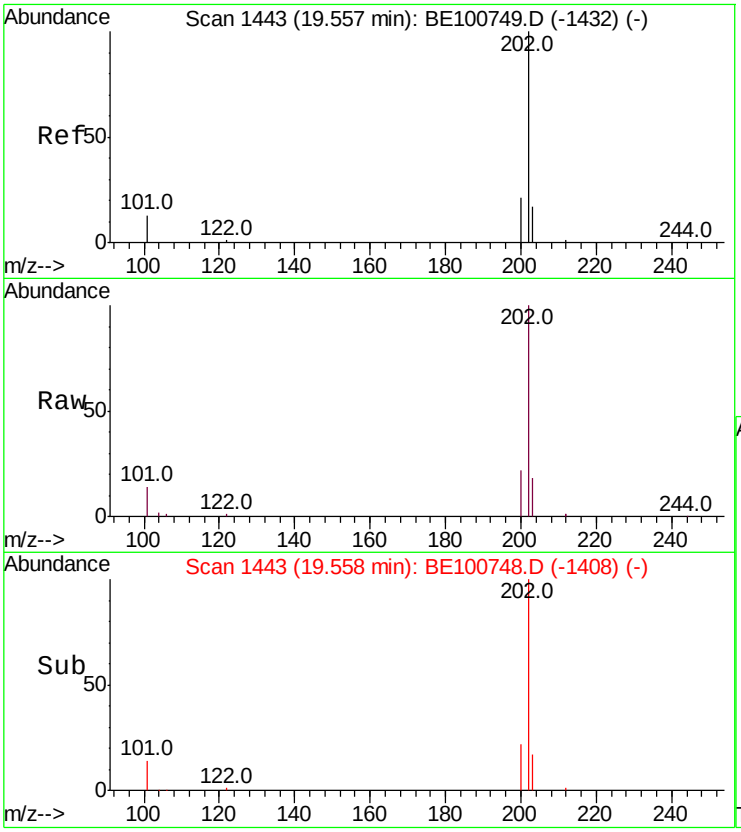


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion:240 Resp: 30349

Ion	Ratio	Lower	Upper
240	100		
120	8.6	5.8	8.8
236	27.4	21.9	32.9



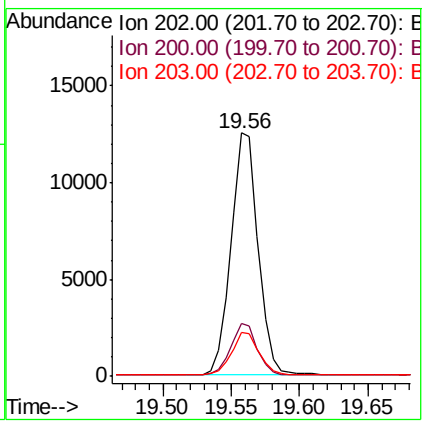


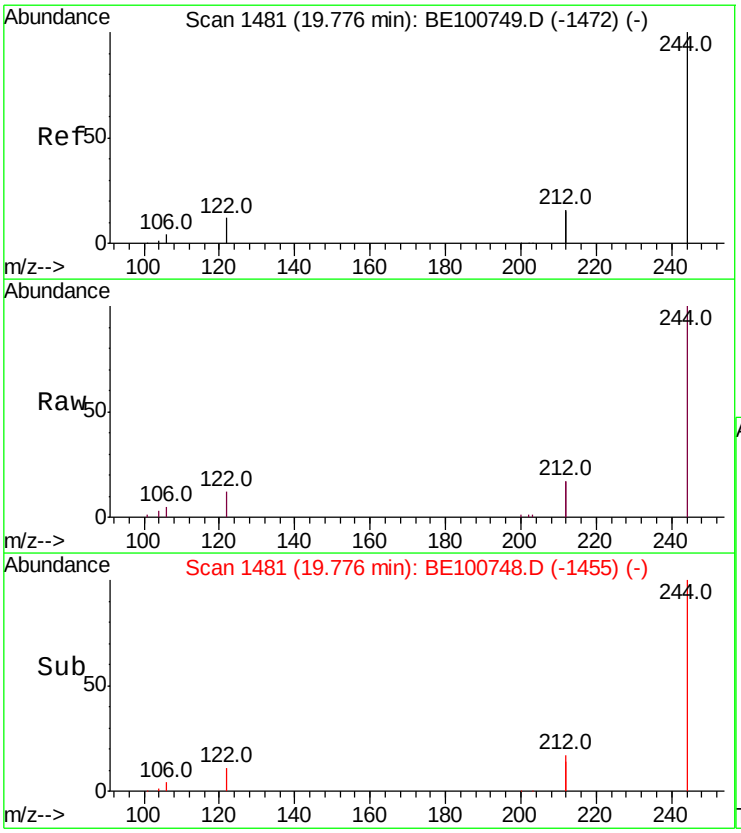
#28
Pyrene
Concen: 0.206 ng
RT: 19.56 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 17352

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	17.5	14.0	21.0

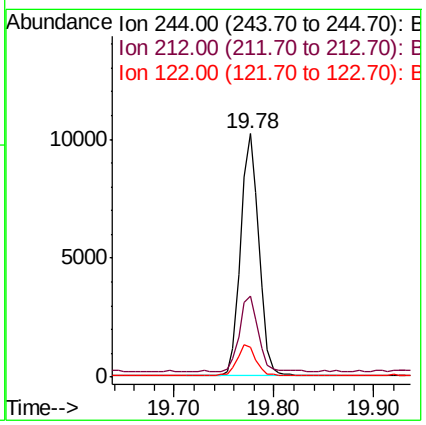


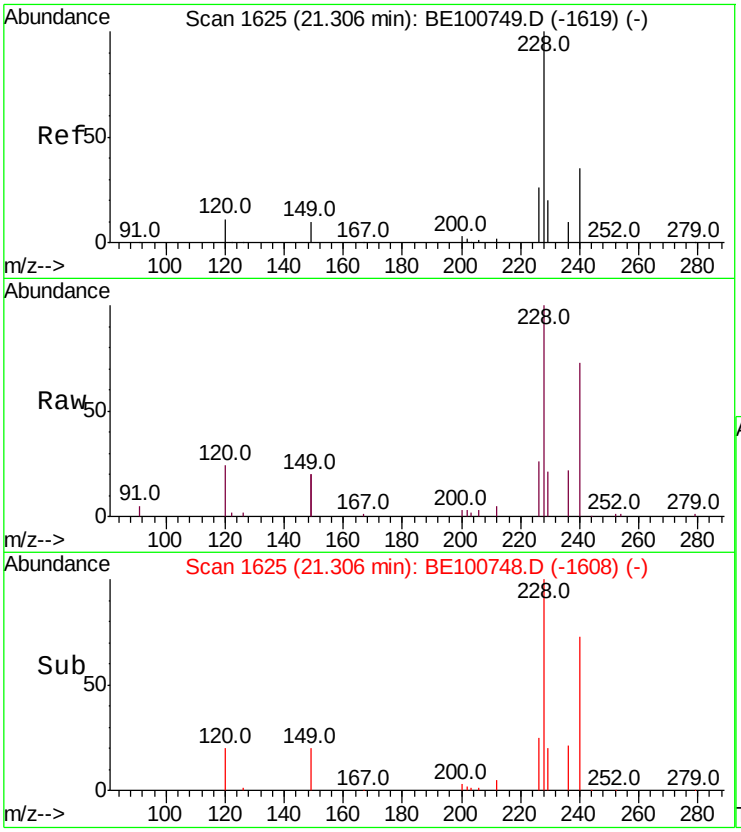


#29
Terphenyl-d14
Concen: 0.179 ng
RT: 19.78 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion:244 Resp: 12938

Ion	Ratio	Lower	Upper
244	100		
212	33.5	25.2	37.8
122	12.1	9.8	14.6



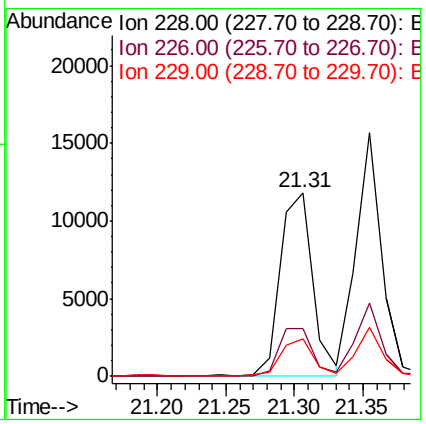


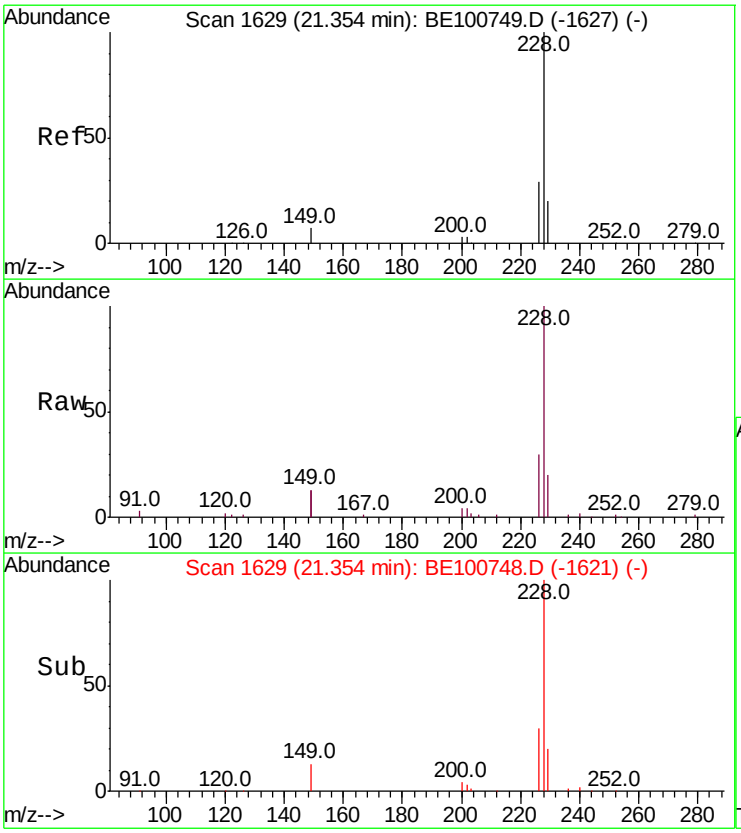
#30
Benzo(a)anthracene
Concen: 0.197 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 19142

Ion	Ratio	Lower	Upper
228	100		
226	25.8	20.7	31.1
229	20.5	16.2	24.2

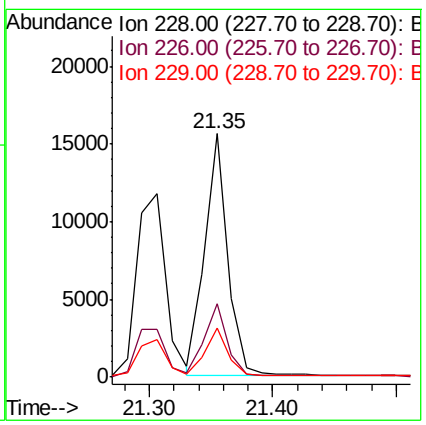


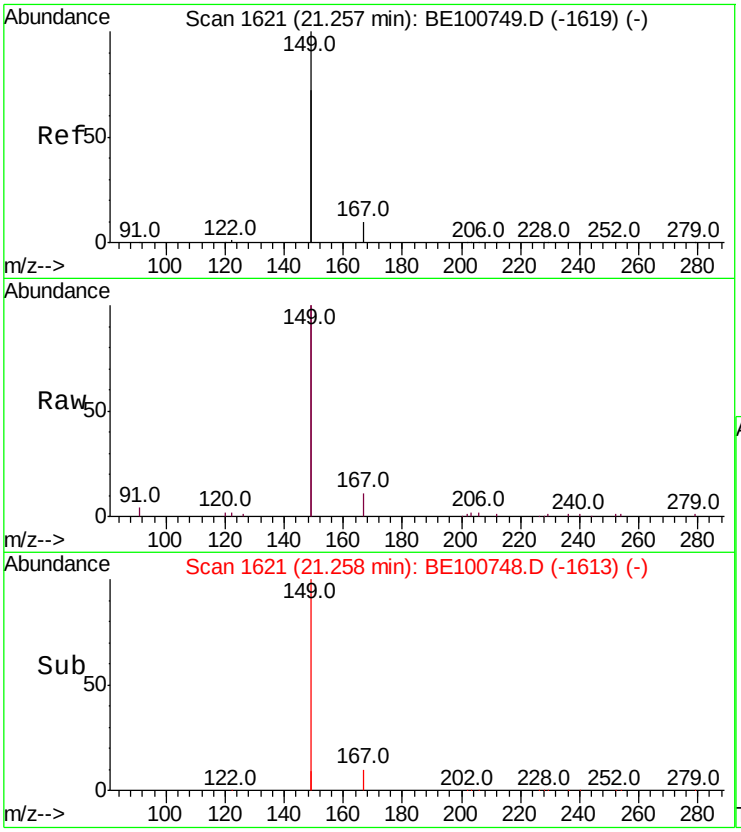


#31
Chrysene
Concen: 0.204 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion:228 Resp: 20203

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.6
229	20.2	15.9	23.9



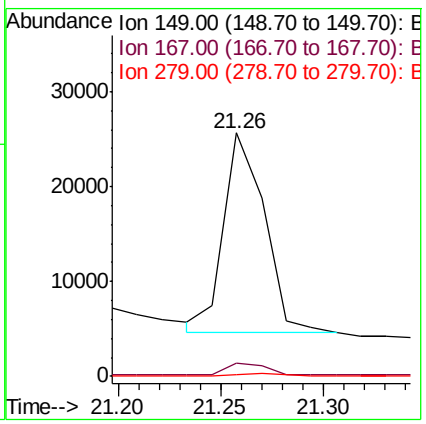


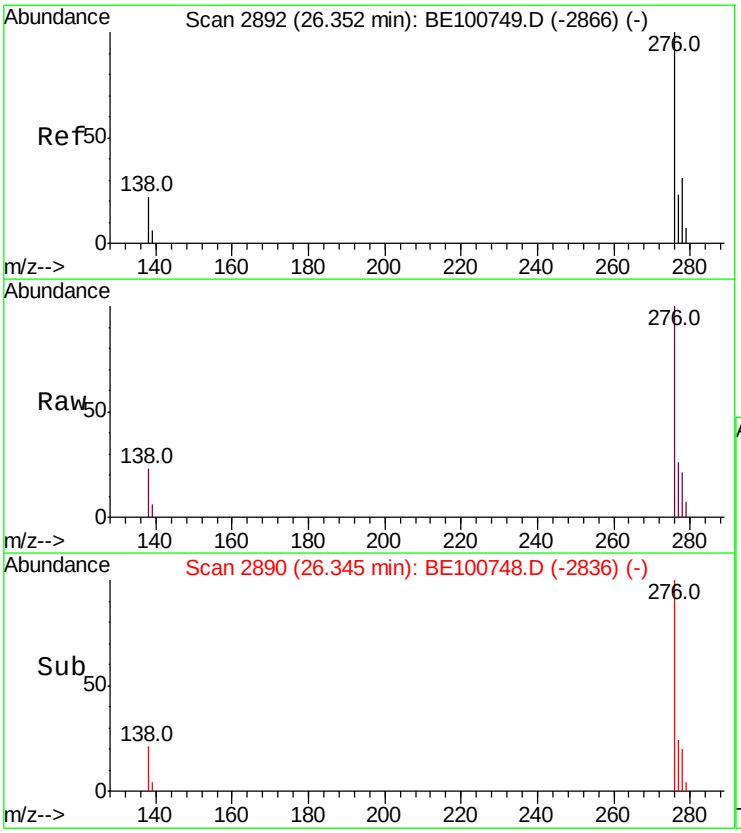
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.167 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:149 Resp: 28865

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.5	8.3
279	0.9	0.7	1.1

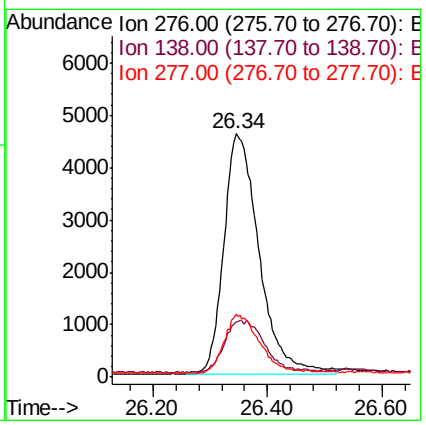


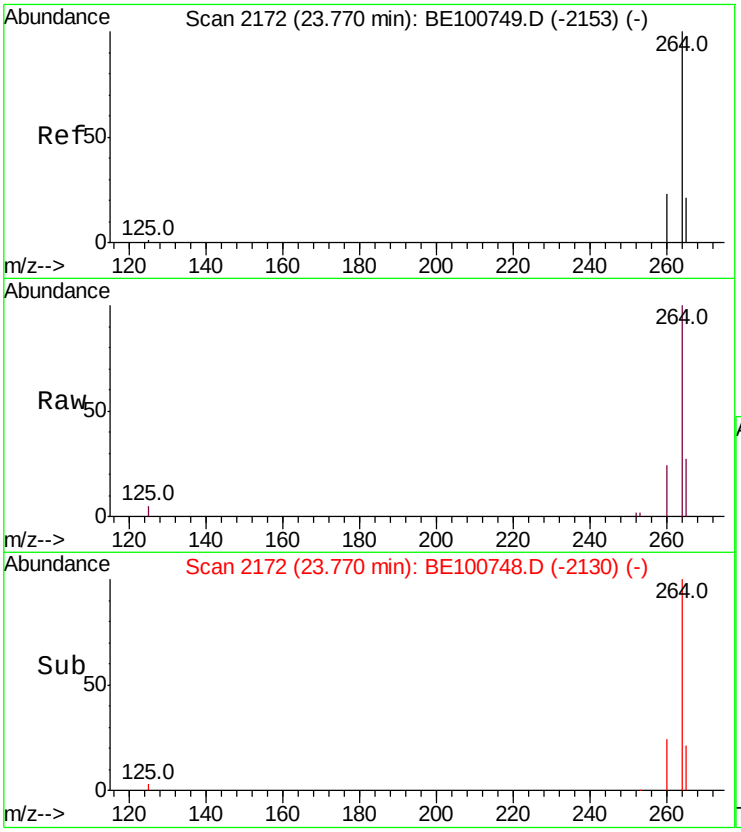


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.169 ng
RT: 26.34 min Scan# 2890
Delta R.T. -0.01 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion:276 Resp: 19586

Ion	Ratio	Lower	Upper
276	100		
138	12.2	19.8	29.6#
277	24.3	19.7	29.5



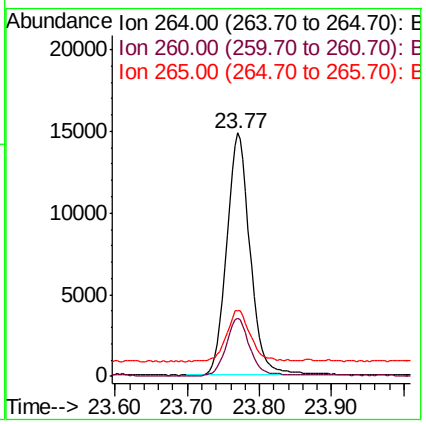


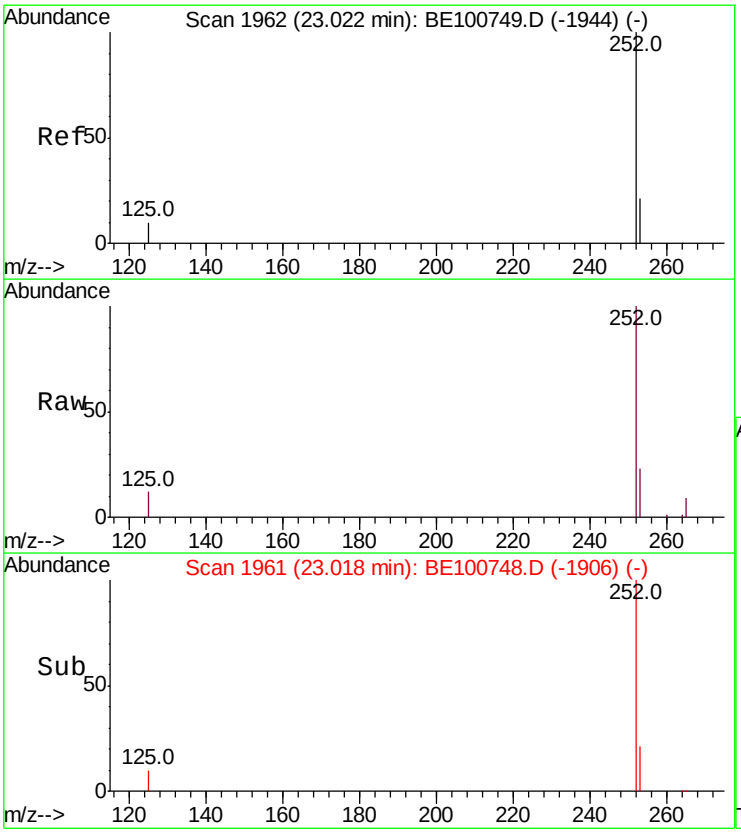
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 32834

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	27.2	22.4	33.6

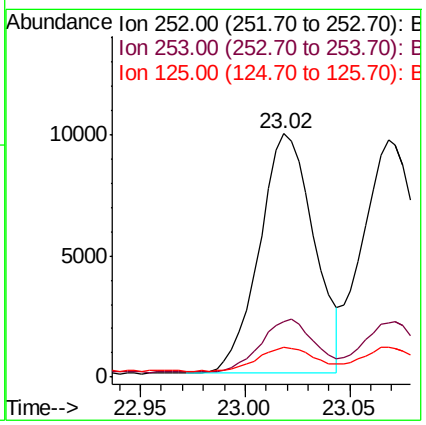


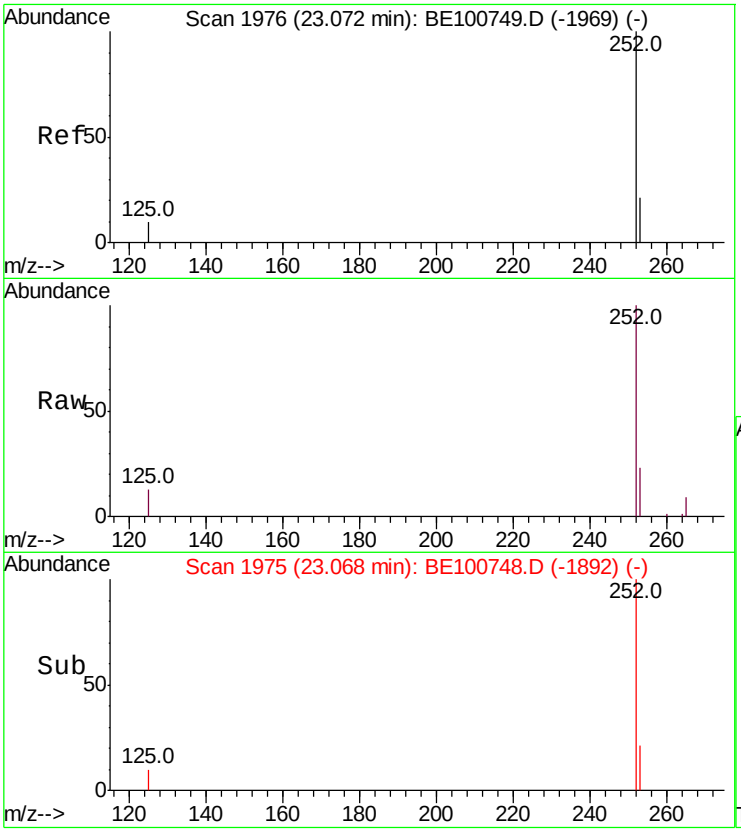


#35
Benzo(b)fluoranthene
Concen: 0.188 ng
RT: 23.02 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion:252 Resp: 18028

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	12.3	9.1	13.7



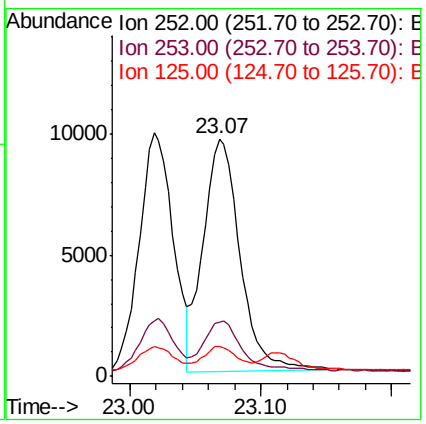


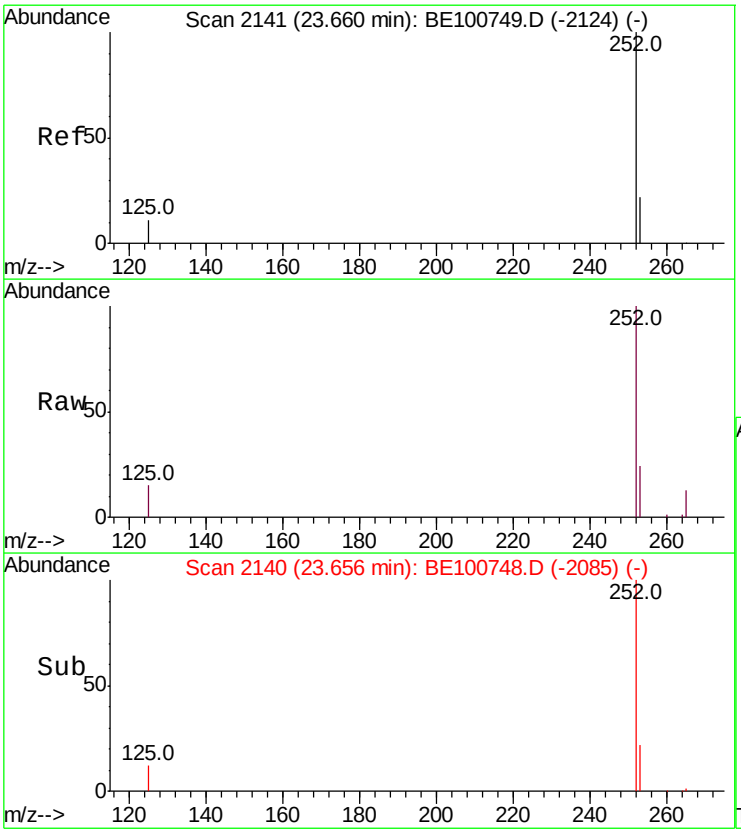
#36
Benzo(k)fluoranthene
Concen: 0.186 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 18662

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	12.7	9.0	13.4

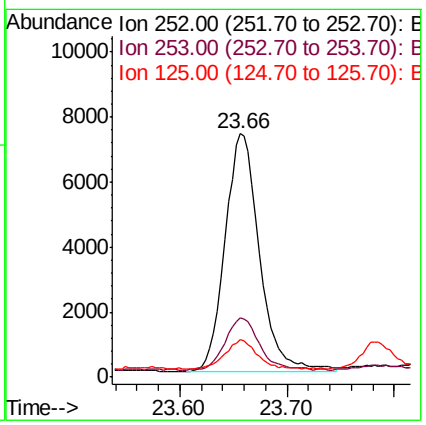


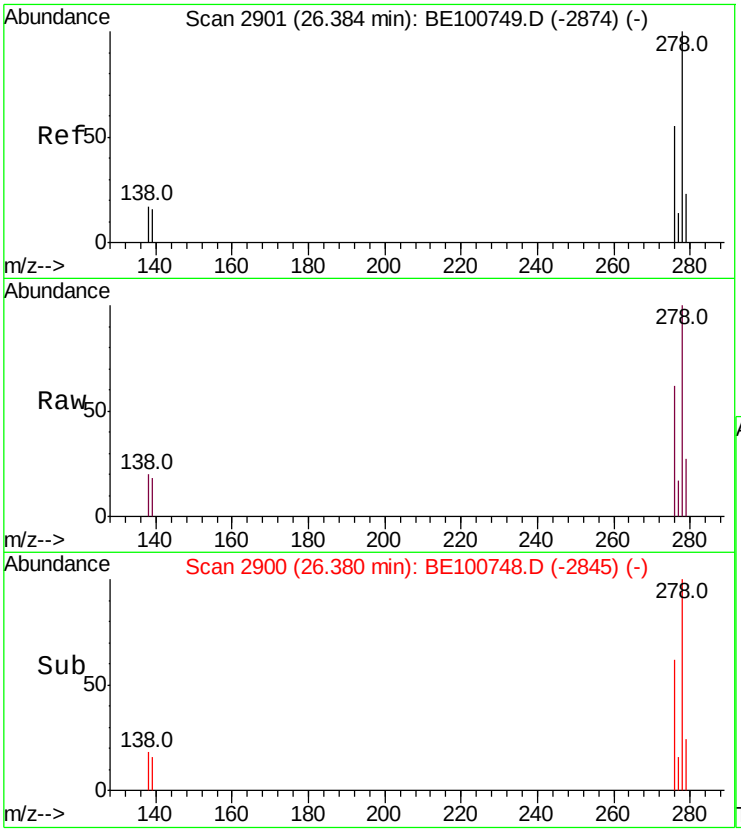


#37
Benzo(a)pyrene
Concen: 0.182 ng
RT: 23.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion:252 Resp: 16267

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.3	27.5
125	15.3	10.5	15.7



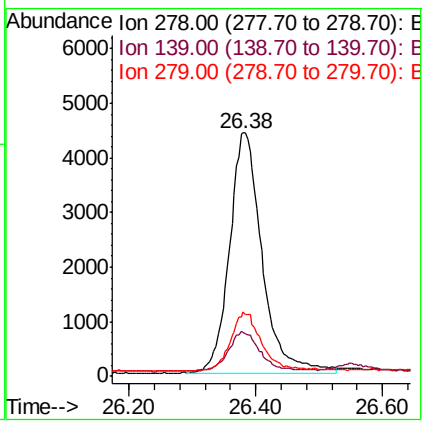


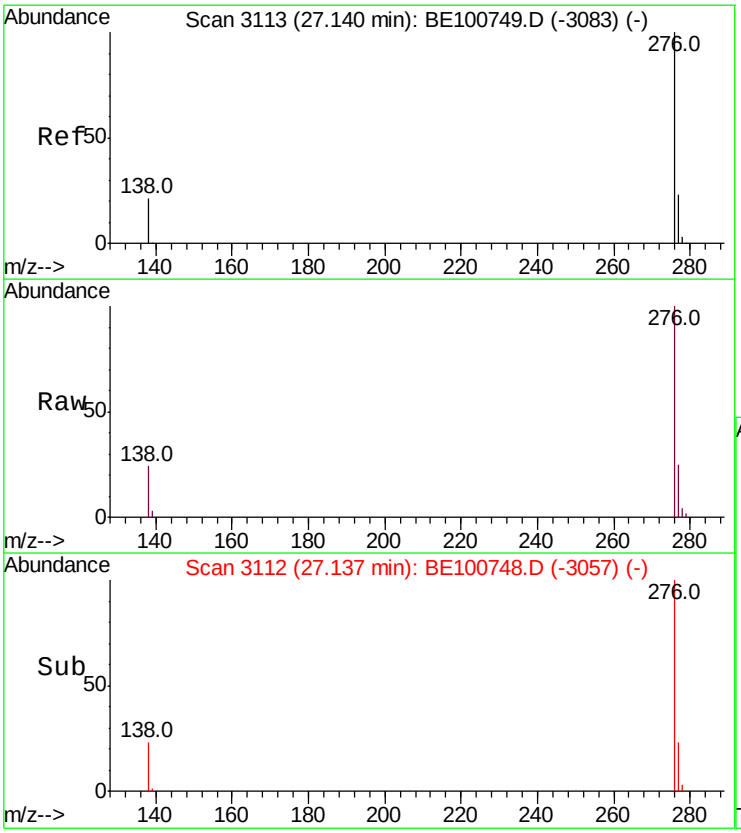
#38
Dibenzo(a,h)anthracene
Concen: 0.169 ng
RT: 26.38 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 15690

Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.2	19.8
279	26.5	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.189 ng
RT: 27.14 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BE100748.D
Acq: 21 Nov 2019 17:15

Tgt Ion:276 Resp: 17263

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	24.4	17.8	26.8