Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112119\
Data File : BE100747.D
Acq On : 21 Nov 2019 16:36
Operator : JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Nov 22 01:47:34 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	7.78	152	5024	0.40	ng		0.01
7) Naphthalene-d8	10.56	136	21547	0.40	ng		0.01
13) Acenaphthene-d10	14.41	164	11211	0.40	ng		0.01
19) Phenanthrene-d10	17.13	188	26254	0.40	ng		0.00
27) Chrysene-d12	21.32	240	31365	0.40	ng		0.00
34) Perylene-d12	23.77	264	34145	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	1322	0.09	ng		0.01
5) Phenol-d6	6.94	99	1949	0.09	ng		0.01
8) Nitrobenzene-d5	8.92	82	682	0.04	ng		0.03
11) 2-Methylnaphthalene-d10	12.15	152	3092	0.09	ng		0.01
14) 2,4,6-Tribromophenol	15.89	330	144	0.12	ng		0.01
15) 2-Fluorobiphenyl	13.03	172	4422	0.11	ng		0.00
25) Fluoranthene-d10	19.17	212	30418	0.09	ng		0.00
29) Terphenyl-d14	19.78	244	7732	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	1211	0.138	ng	#	78
3) n-Nitrosodimethylamine	3.68	42	504	0.058	ng	#	14
6) bis(2-Chloroethyl)ether	7.21	93	1663	0.092	ng		100
9) Naphthalene	10.61	128	23034	0.103	ng		99
10) Hexachlorobutadiene	10.91	225	922	0.089	ng		99
12) 2-Methylnaphthalene	12.22	142	3520	0.092	ng		98
16) Acenaphthylene	14.13	152	4653	0.103	ng		100
17) Acenaphthene	14.47	154	3189	0.107	ng		99
18) Fluorene	15.45	166	4007	0.098	ng		96
20) 4-Bromophenyl-phenylether	16.34	248	1206	0.087	ng	#	63
21) Hexachlorobenzene	16.45	284	1294	0.096	ng		100
23) Phenanthrene	17.17	178	7874	0.110	ng		99
24) Anthracene	17.27	178	6331	0.099	ng		98
26) Fluoranthene	19.20	202	9075	0.095	ng		99
28) Pyrene	19.56	202	9779	0.112	ng		100
30) Benzo(a)anthracene	21.30	228	10816	0.107	ng		99
31) Chrysene	21.35	228	11030	0.108	ng		99
32) Bis(2-ethylhexyl)phthalate	21.27	149	40644	0.228	ng		98
33) Indeno(1,2,3-cd)pyrene	26.36	276	17669	0.148	ng		100
35) Benzo(b)fluoranthene	23.02	252	11465	0.115	ng		96
36) Benzo(k)fluoranthene	23.02	252	11465	0.110	ng		96
37) Benzo(a)pyrene	23.66	252	9724	0.105	ng	#	93
38) Dibenzo(a,h)anthracene	26.38	278	14063	0.145	ng		97
39) Benzo(g,h,i)perylene	27.14	276	15747	0.166	ng		96

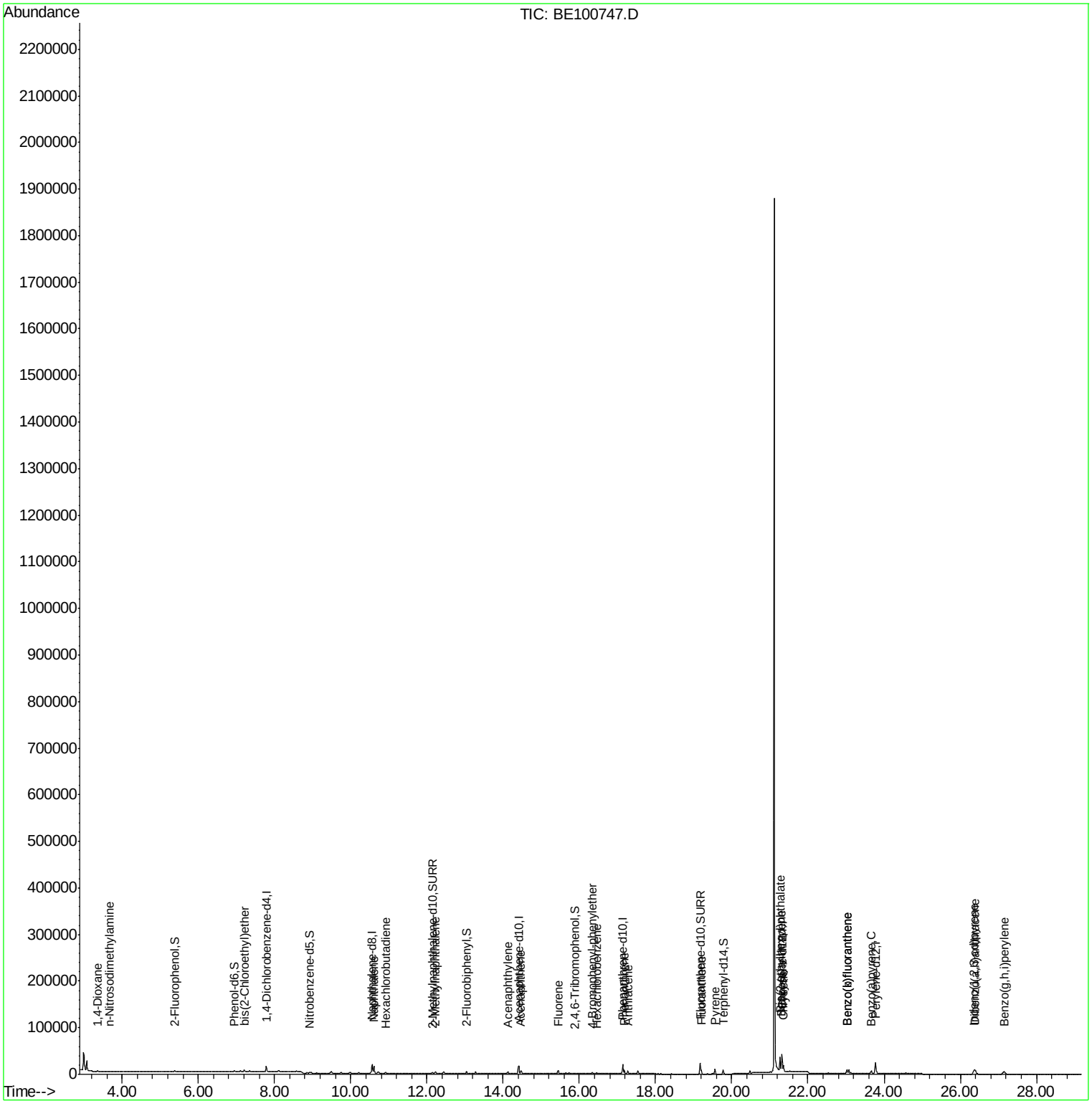
(#) = qualifier out of range (m) = manual integration (+) = signals summed

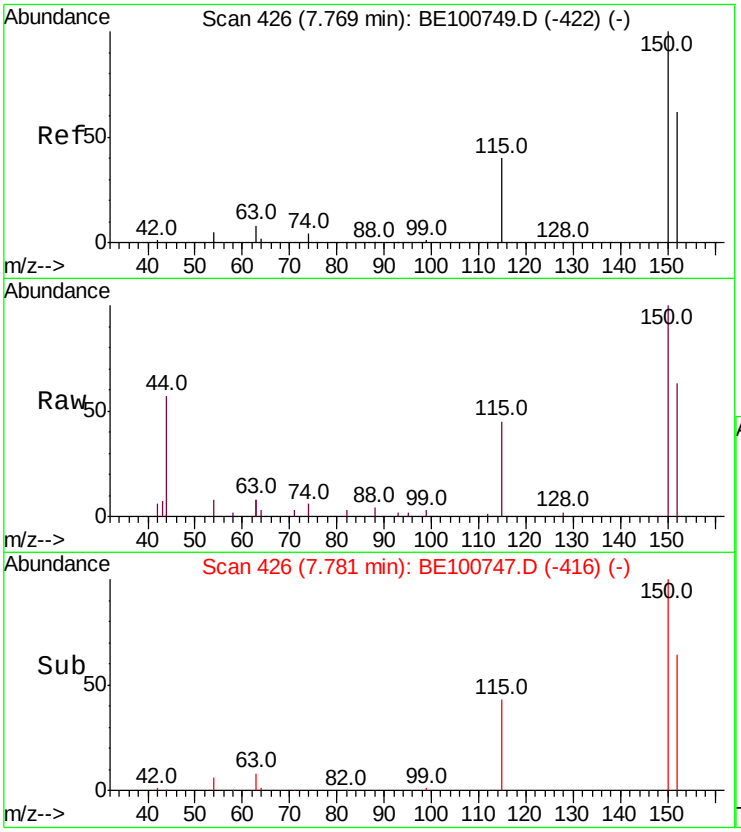
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112119\
Data File : BE100747.D
Acq On : 21 Nov 2019 16:36
Operator : JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Nov 22 01:47:34 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



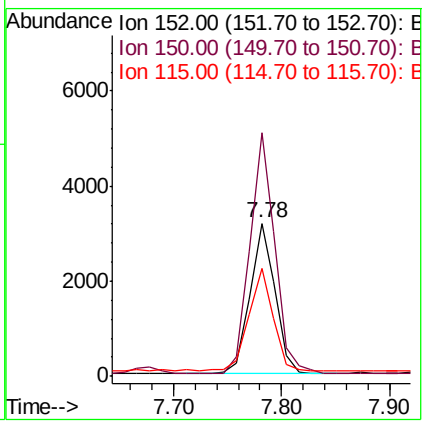


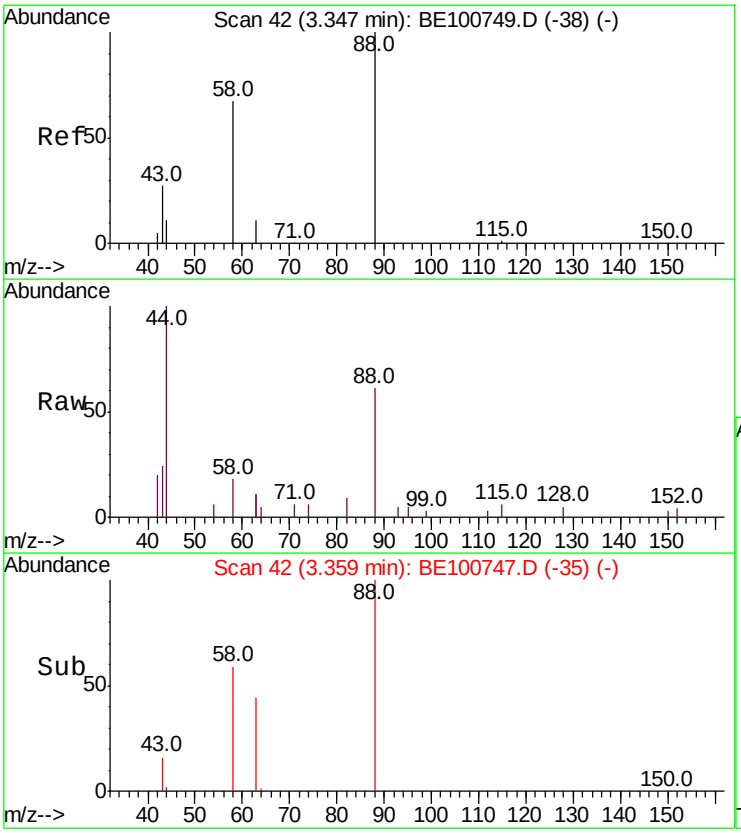
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 426
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 5024

Ion	Ratio	Lower	Upper
152	100		
150	159.1	127.1	190.7
115	70.9	53.0	79.4

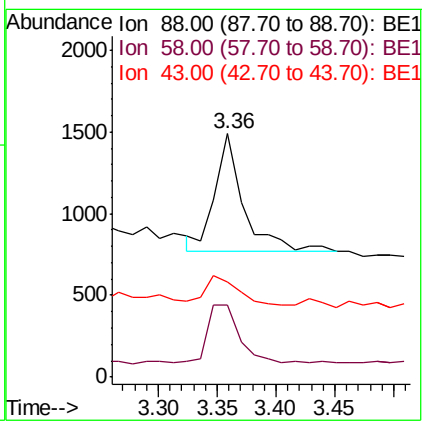


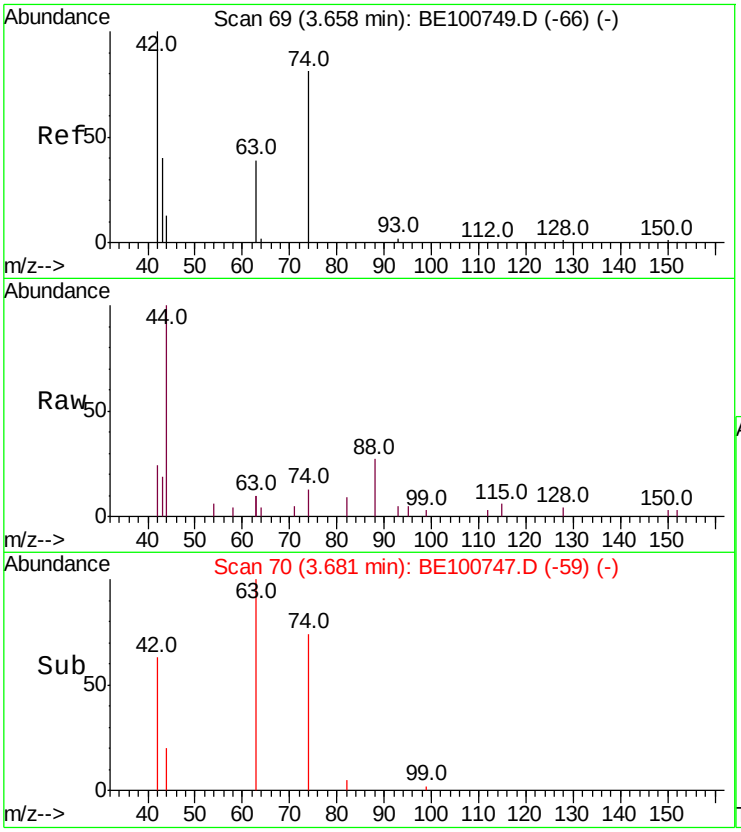


#2
1,4-Dioxane
Concen: 0.138 ng
RT: 3.36 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion: 88 Resp: 1211

Ion	Ratio	Lower	Upper
88	100		
58	52.2	60.7	91.1#
43	28.7	27.4	41.2



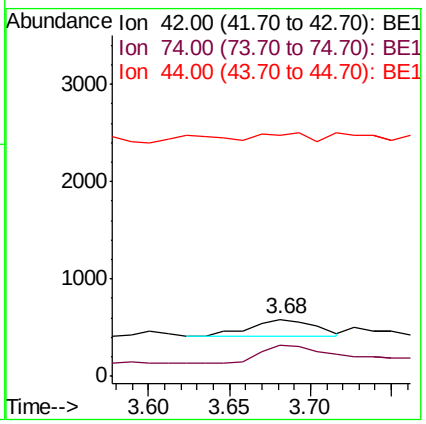


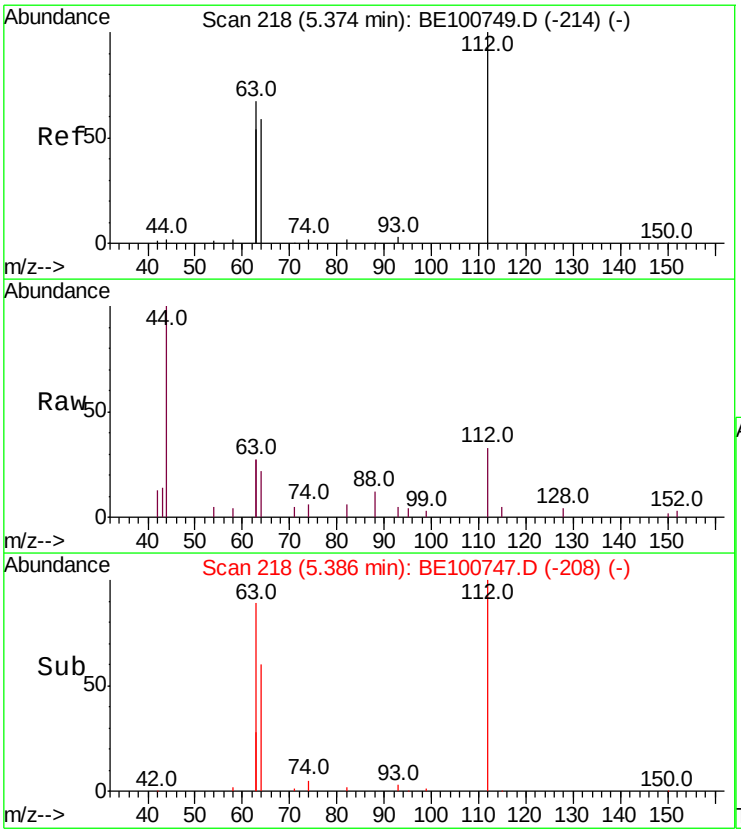
#3
n-Nitrosodimethylamine
Concen: 0.058 ng
RT: 3.68 min Scan# 70
Delta R.T. 0.02 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 504

Ion	Ratio	Lower	Upper
42	100		
74	121.2	0.0	0.0#
44	33.9	4.2	6.4#

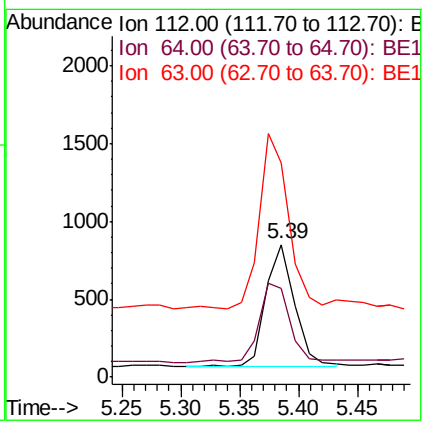


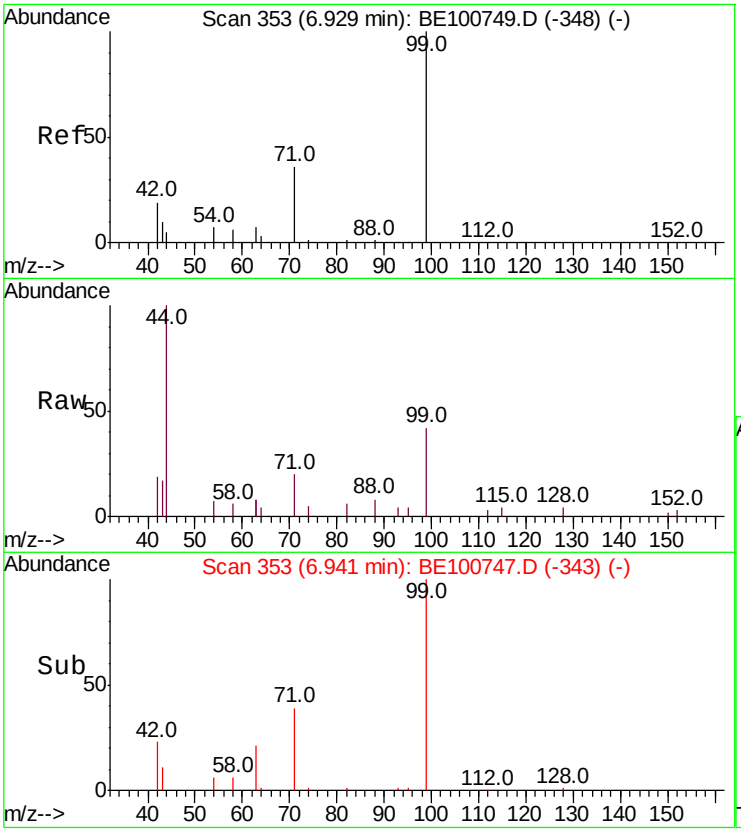


#4
2-Fluorophenol
Concen: 0.090 ng
RT: 5.39 min Scan# 218
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:112 Resp: 1322

Ion	Ratio	Lower	Upper
112	100		
64	69.2	54.3	81.5
63	142.9	114.0	171.0



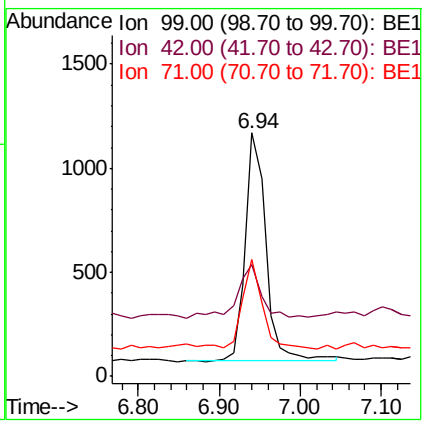


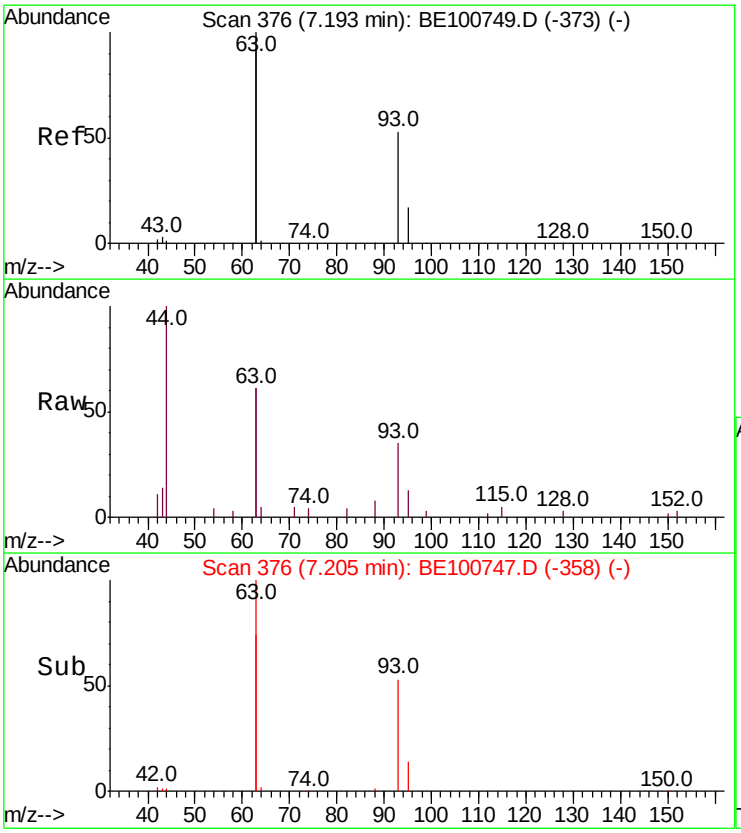
#5
Phenol-d6
Concen: 0.094 ng
RT: 6.94 min Scan# 353
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1949

Ion	Ratio	Lower	Upper
99	100		
42	29.0	17.9	26.9#
71	38.6	29.3	43.9

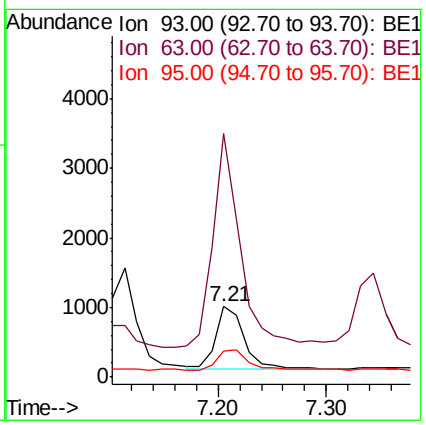


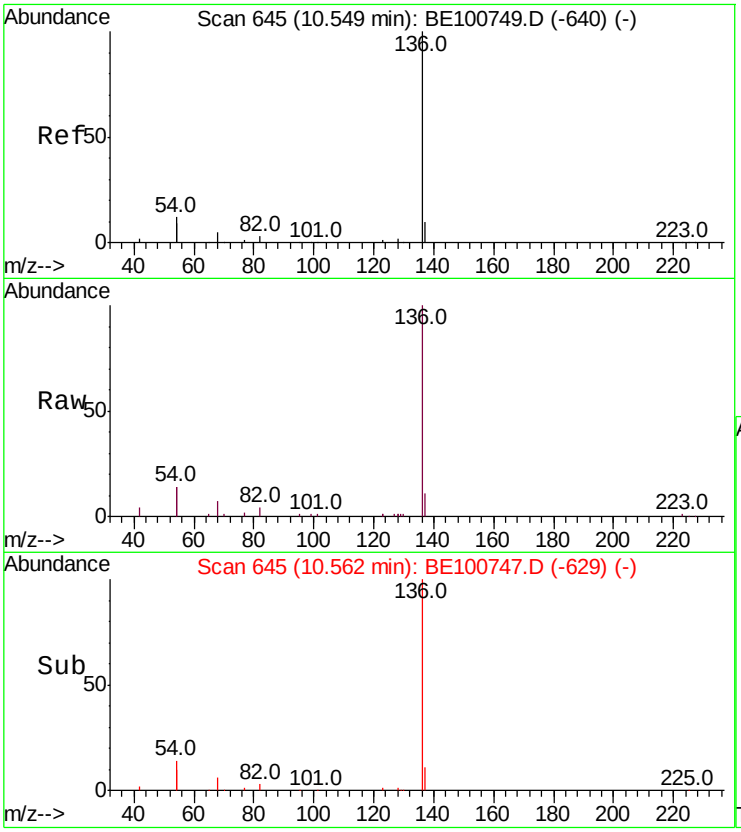


#6
bis(2-Chloroethyl)ether
Concen: 0.092 ng
RT: 7.21 min Scan# 376
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion: 93 Resp: 1663

Ion	Ratio	Lower	Upper
93	100		
63	334.3	267.0	400.6
95	32.2	26.2	39.4



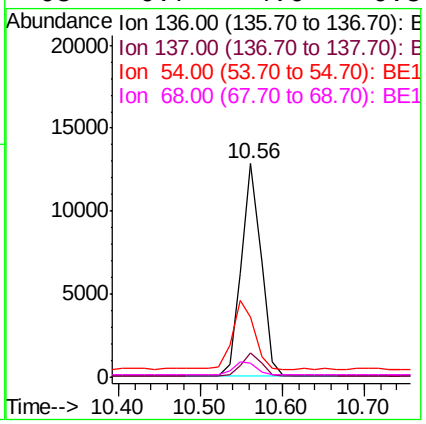


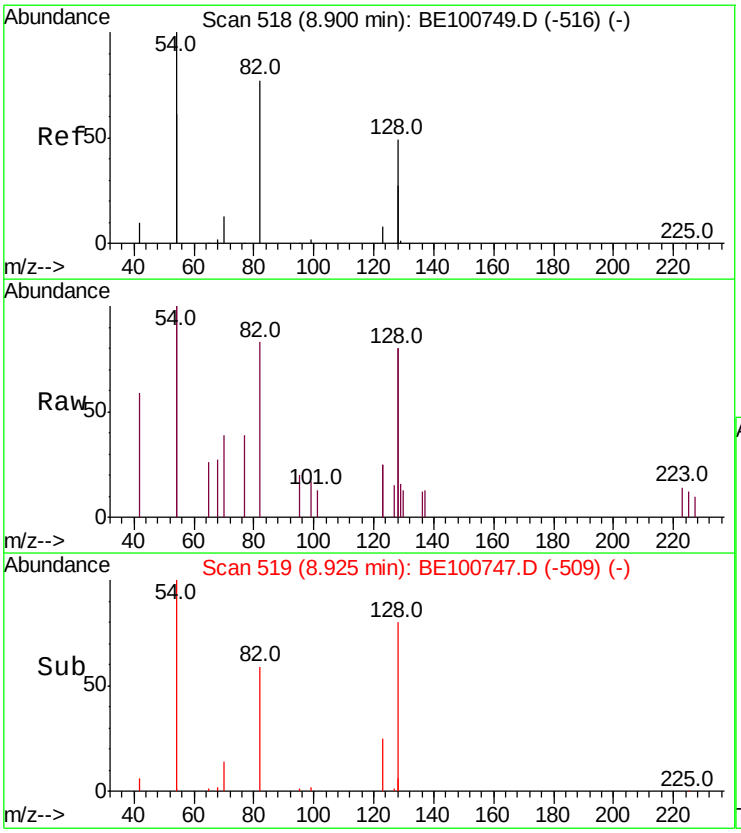
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.56 min Scan# 645
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 21547

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	27.9	19.4	29.0
68	6.7	4.6	6.8

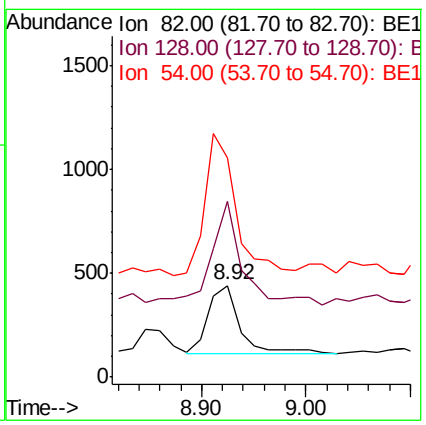


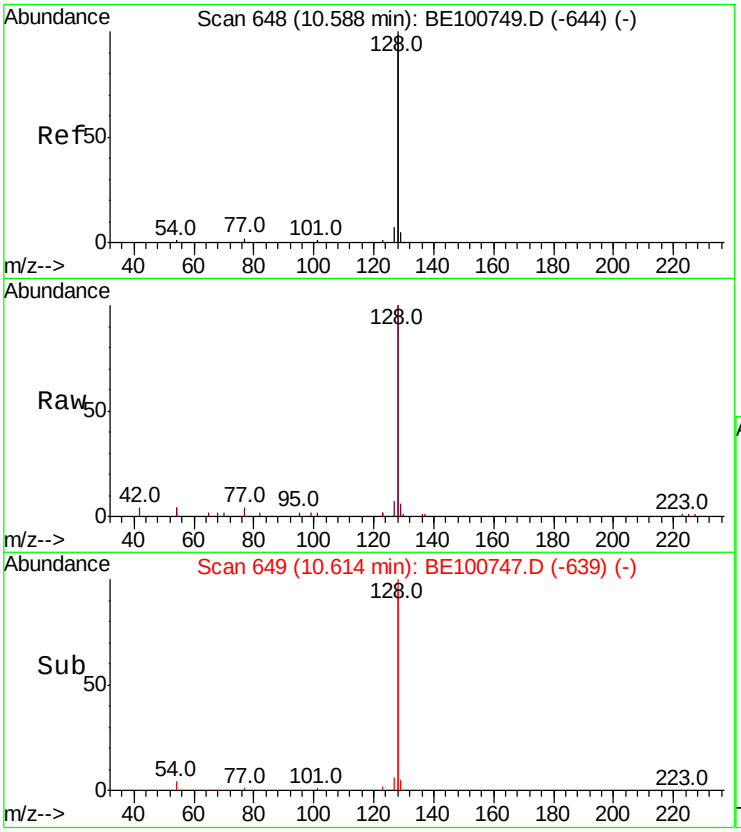


#8
Nitrobenzene-d5
Concen: 0.037 ng
RT: 8.92 min Scan# 519
Delta R.T. 0.03 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion: 82 Resp: 682

Ion	Ratio	Lower	Upper
82	100		
128	191.8	90.2	135.4#
54	240.5	186.0	279.0



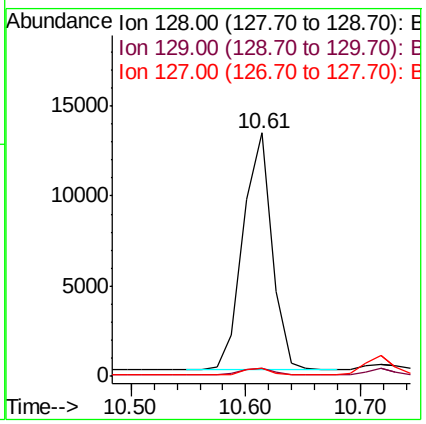


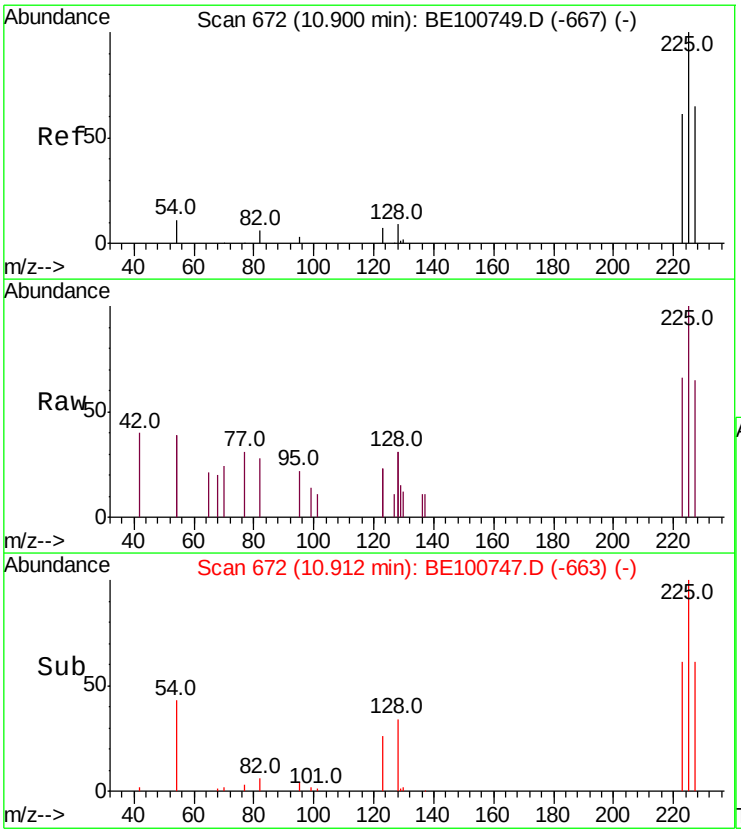
#9
Naphthalene
Concen: 0.103 ng
RT: 10.61 min Scan# 649
Delta R.T. 0.03 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 23034

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.3	3.5
127	3.6	2.7	4.1

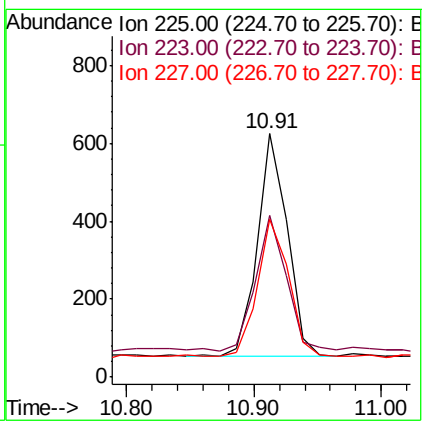


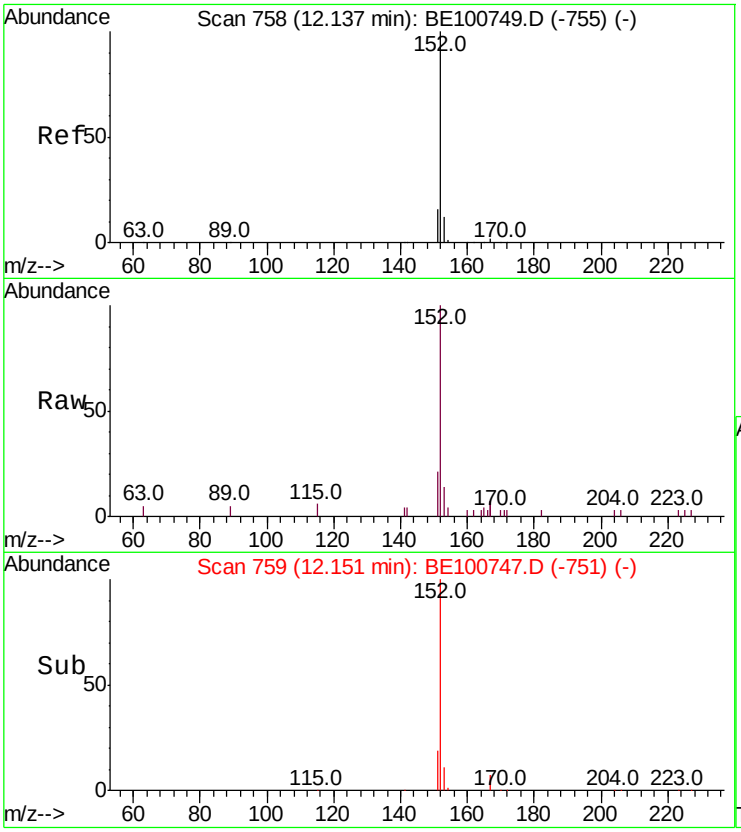


#10
Hexachlorobutadiene
Concen: 0.089 ng
RT: 10.91 min Scan# 672
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:225 Resp: 922

Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	75.8
227	65.4	52.0	78.0



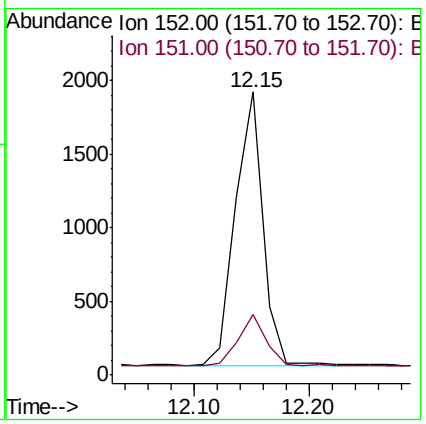


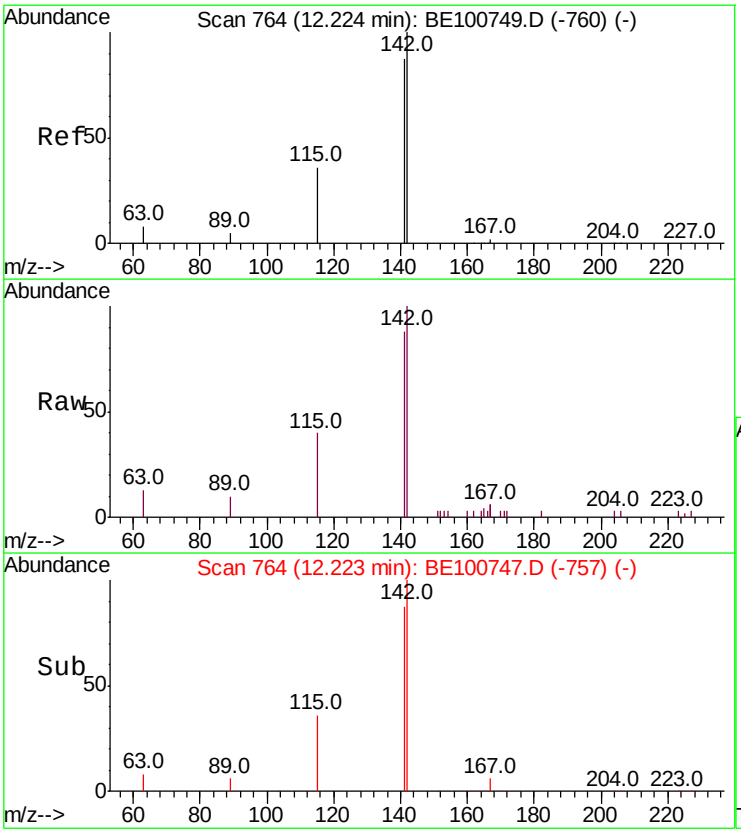
#11
2-Methylnaphthalene-d10
Concen: 0.090 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3092

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8

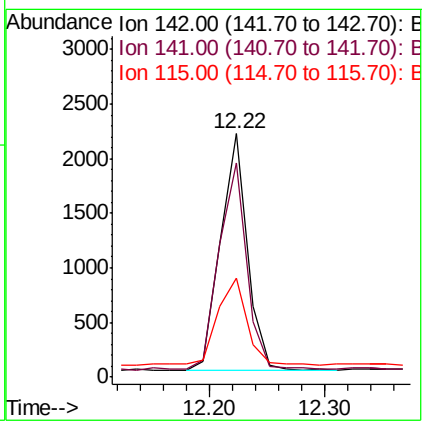


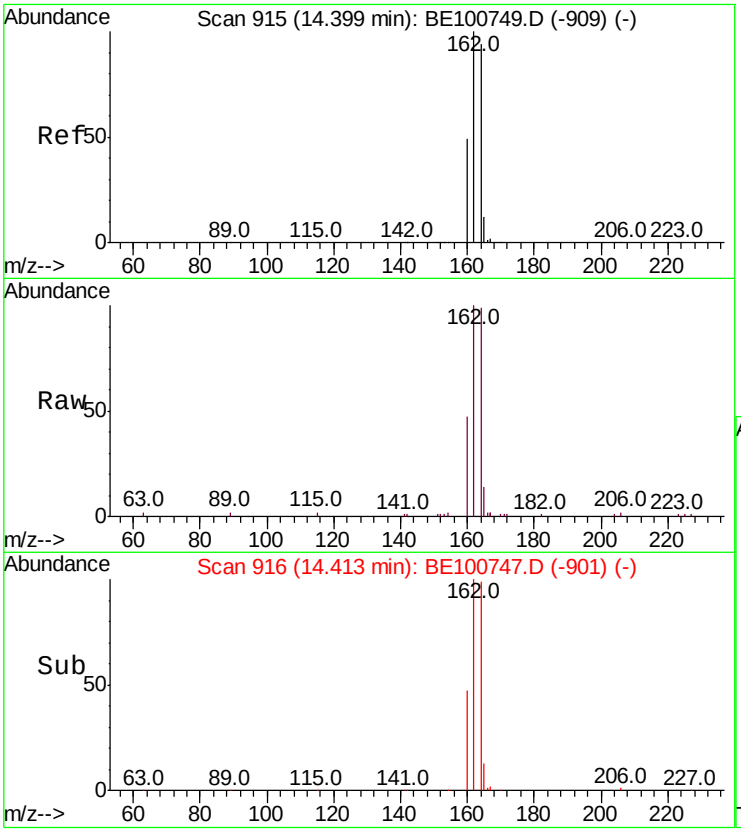


#12
2-Methylnaphthalene
Concen: 0.092 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:142 Resp: 3520

Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.9	104.9
115	40.4	29.5	44.3



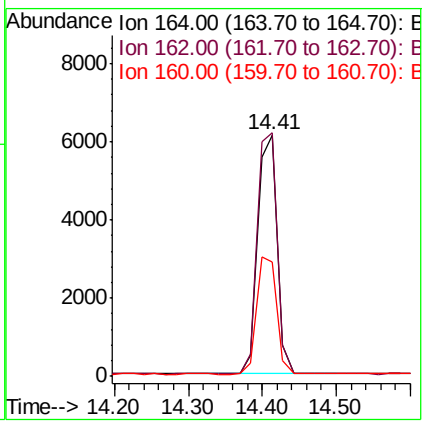


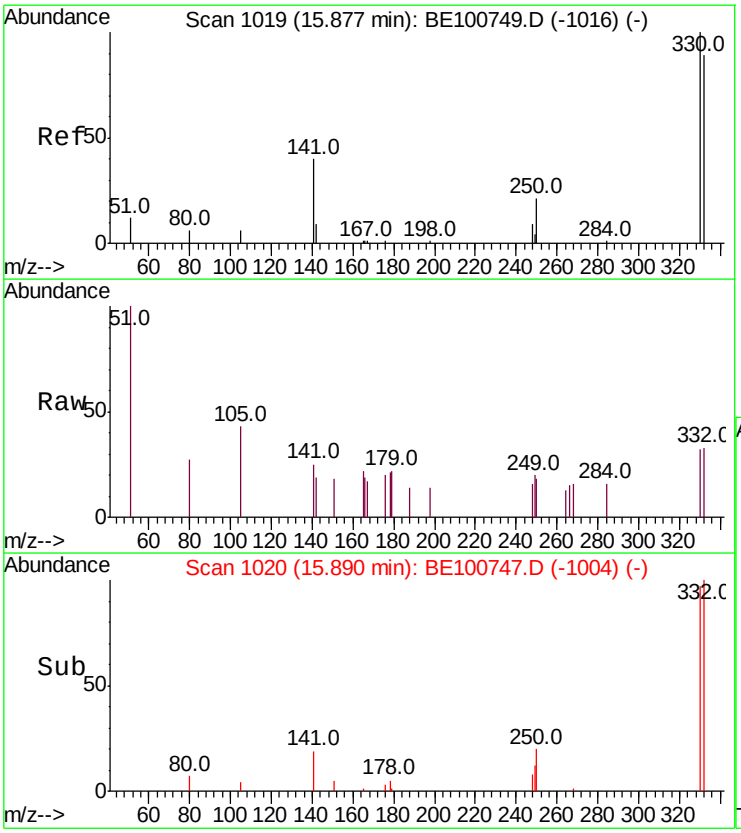
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 11211

Ion	Ratio	Lower	Upper
164	100		
162	100.8	84.8	127.2
160	47.3	42.3	63.5

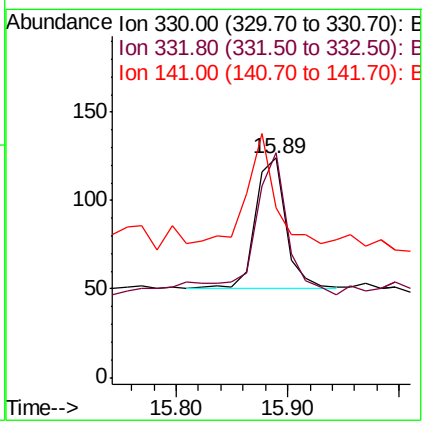


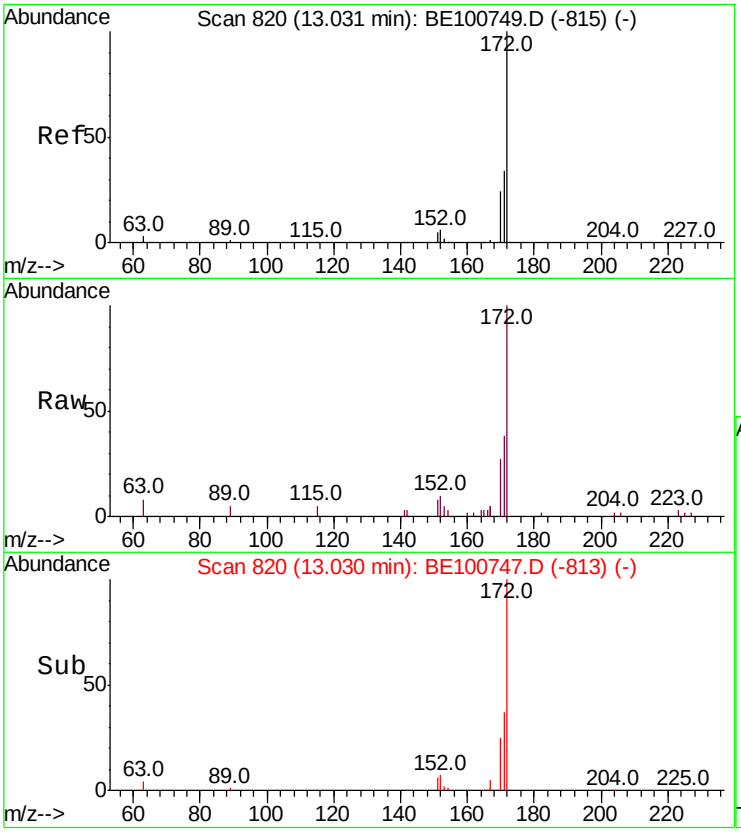


#14
2,4,6-Tribromophenol
Concen: 0.123 ng
RT: 15.89 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:330 Resp: 144

Ion	Ratio	Lower	Upper
330	100		
332	126.4	79.3	118.9#
141	75.0	43.8	65.6#



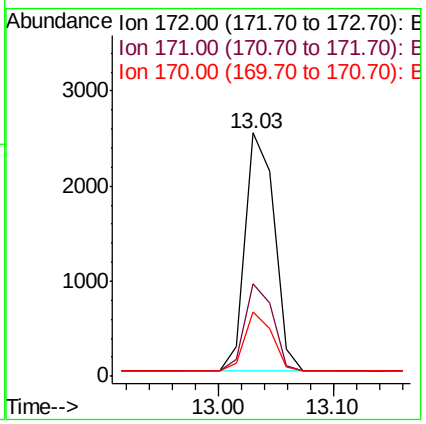


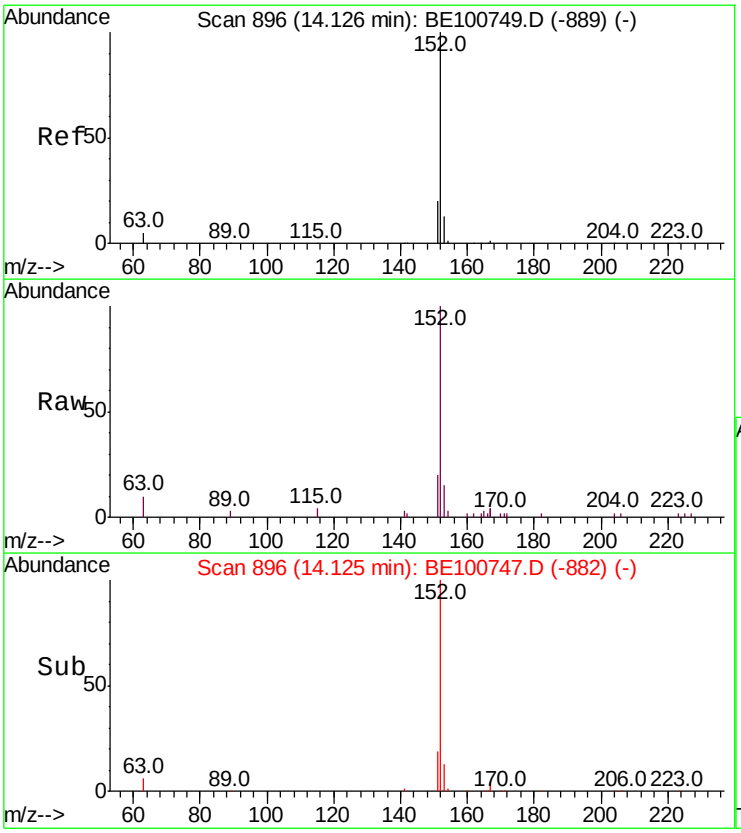
#15
2-Fluorobiphenyl
Concen: 0.108 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 4422

Ion	Ratio	Lower	Upper
172	100		
171	38.2	27.8	41.6
170	26.6	19.4	29.2

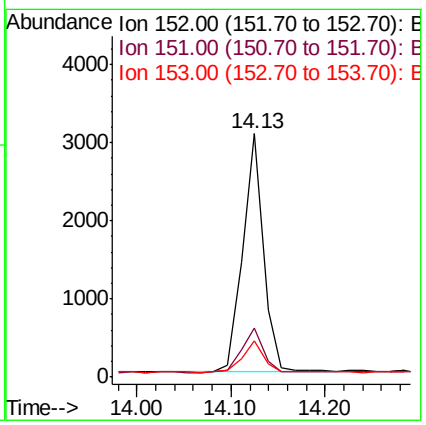


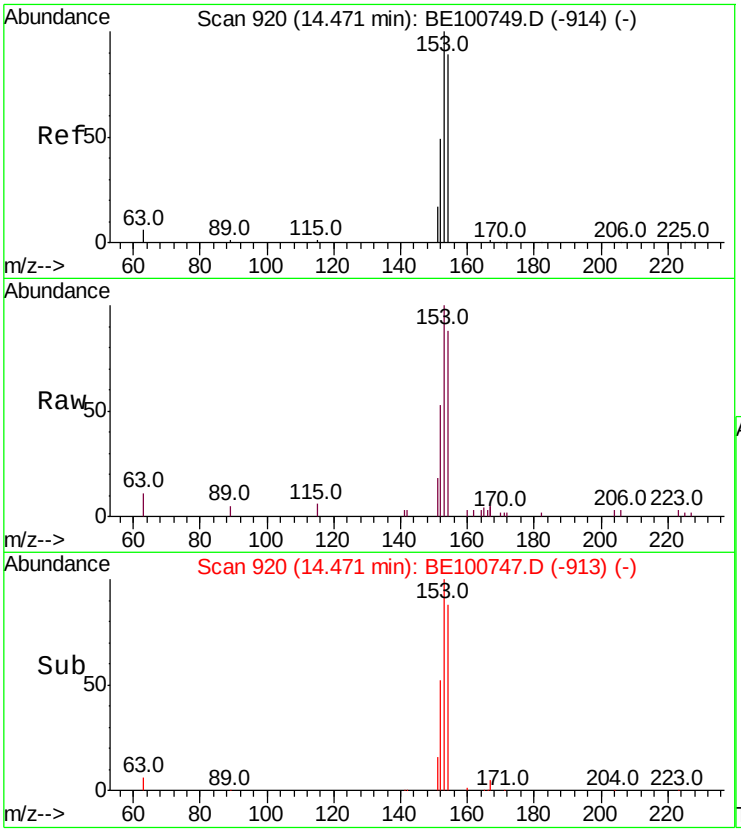


#16
Acenaphthylene
Concen: 0.103 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:152 Resp: 4653

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.5	10.6	15.8



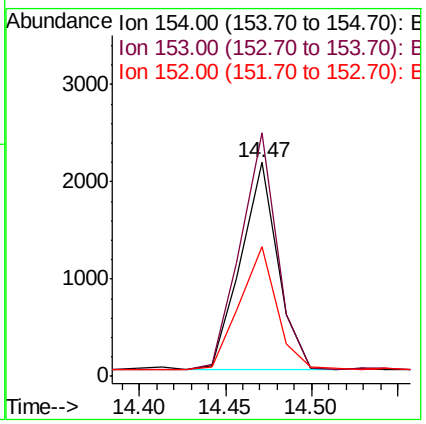


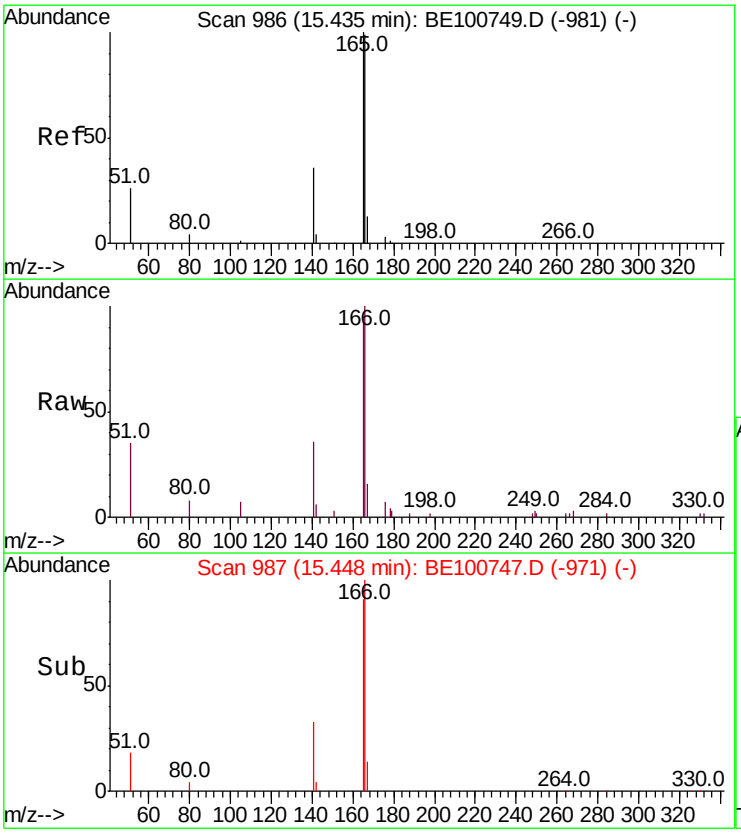
#17
Acenaphthene
Concen: 0.107 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 3189

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.6	137.4
152	60.5	47.0	70.6

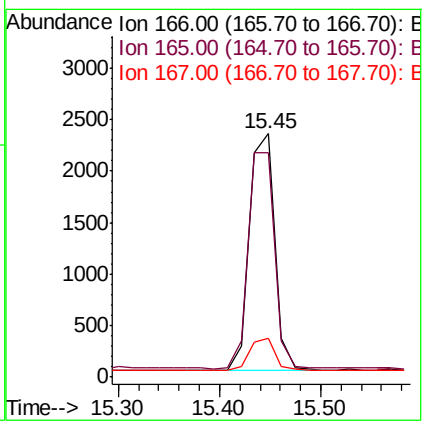


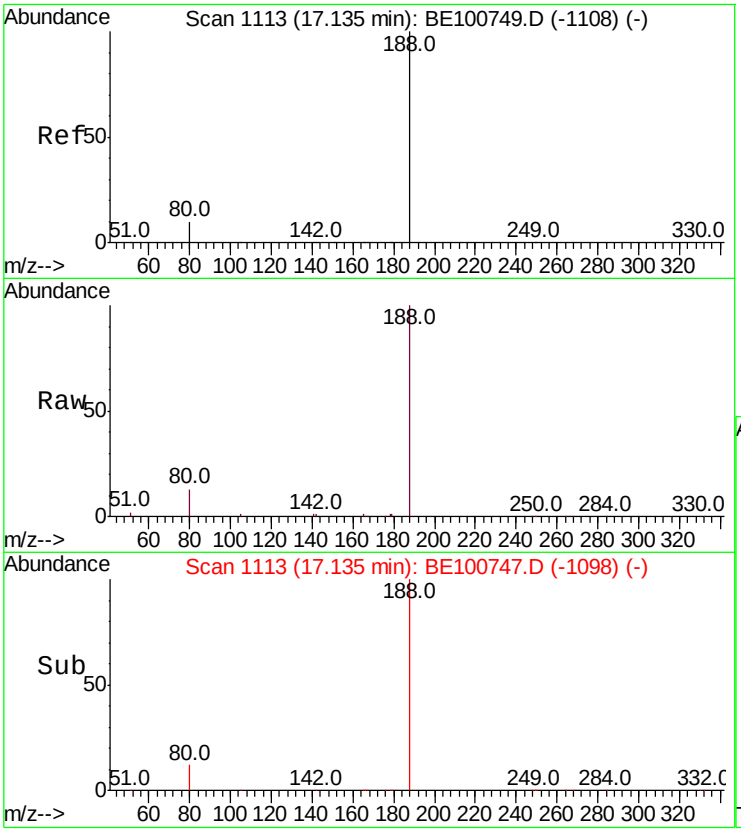


#18
Fluorene
Concen: 0.098 ng
RT: 15.45 min Scan# 987
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:166 Resp: 4007

Ion	Ratio	Lower	Upper
166	100		
165	95.7	80.2	120.4
167	14.6	11.0	16.4



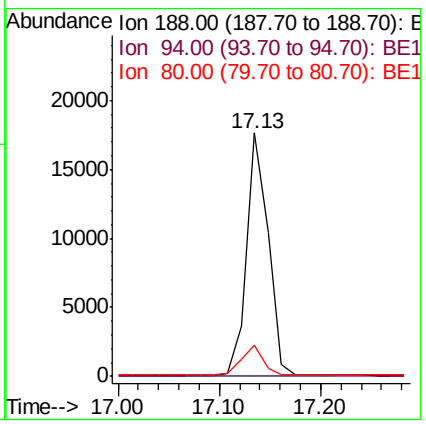


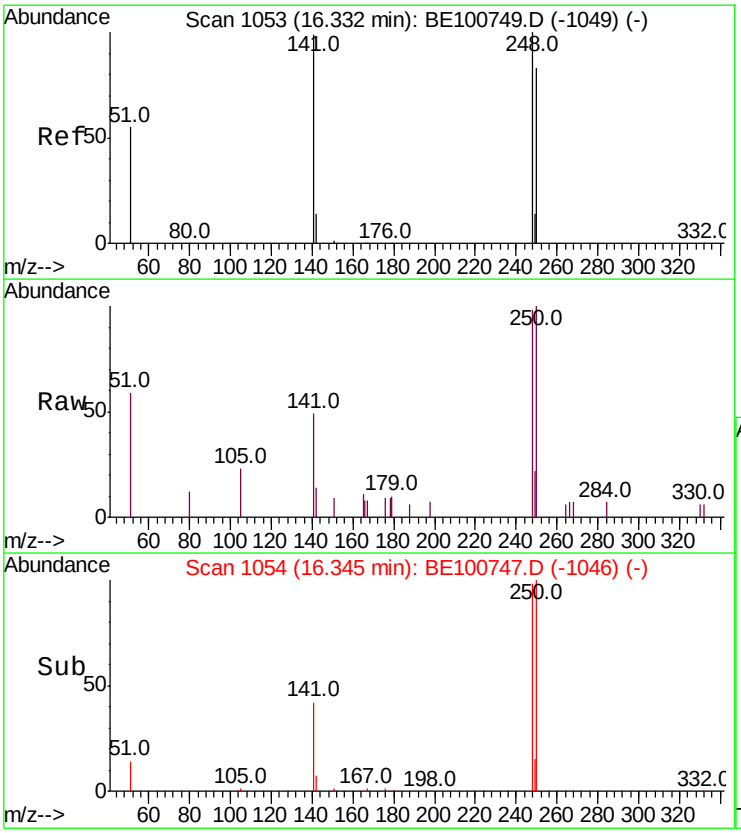
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 26254

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	8.2	12.2#

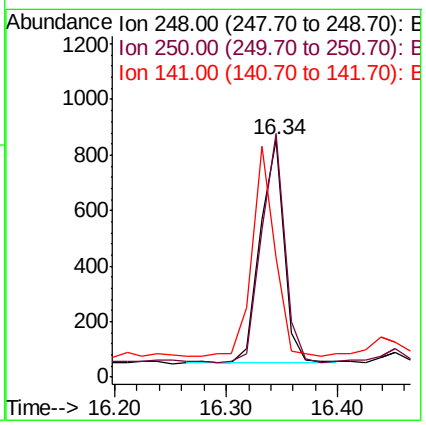


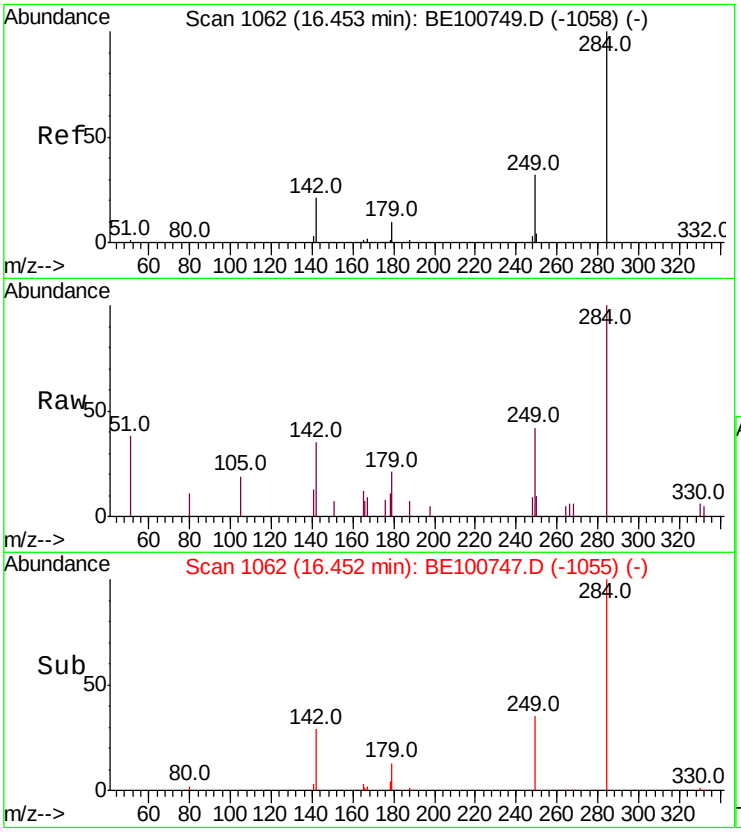


#20
4-Bromophenyl-phenylether
Concen: 0.087 ng
RT: 16.34 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:248 Resp: 1206

Ion	Ratio	Lower	Upper
248	100		
250	102.3	66.3	99.5#
141	50.4	79.6	119.4#



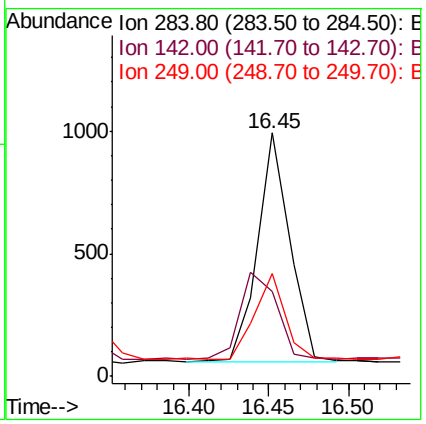


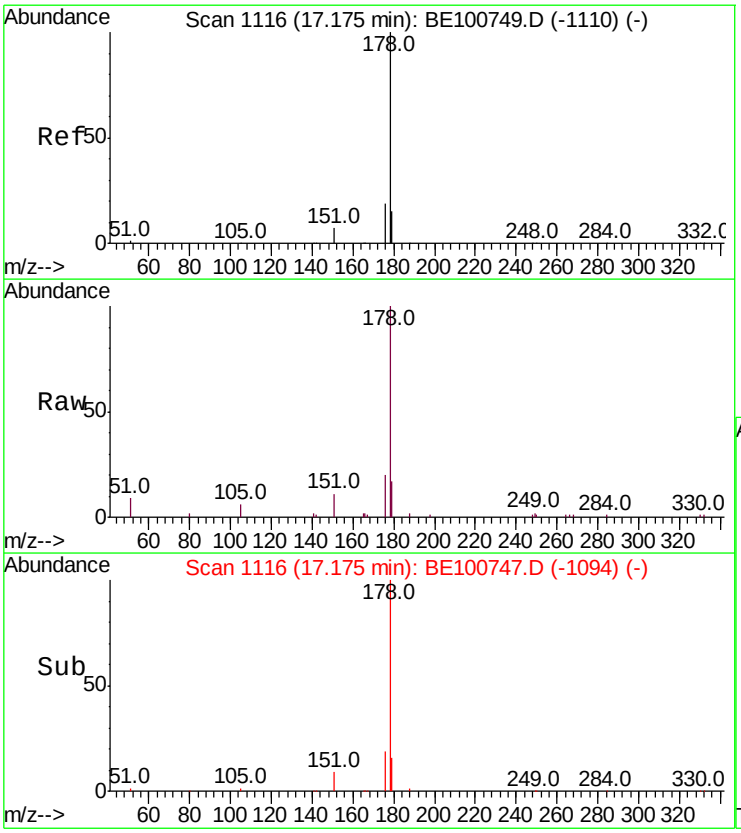
#21
Hexachlorobenzene
Concen: 0.096 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 1294

Ion	Ratio	Lower	Upper
284	100		
142	43.4	34.9	52.3
249	35.6	28.7	43.1

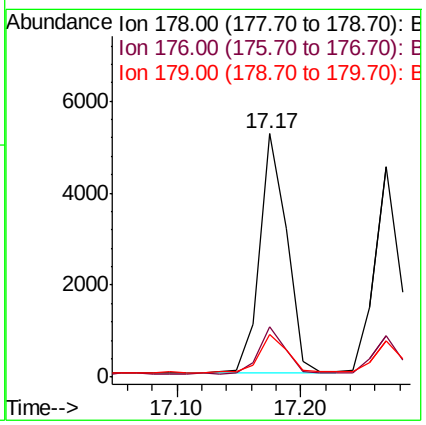


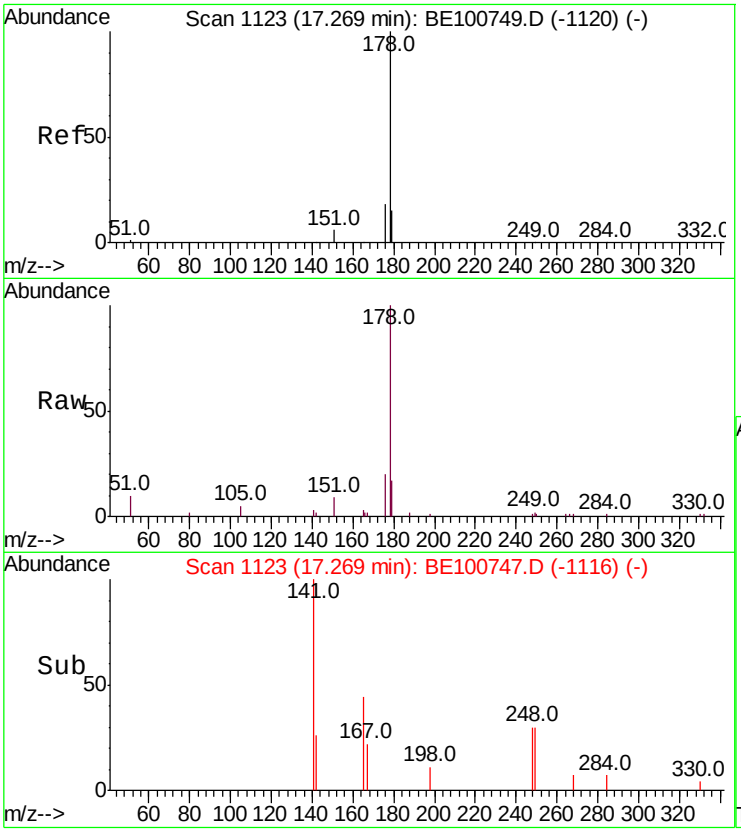


#23
Phenanthrene
Concen: 0.110 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:178 Resp: 7874

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	16.3	12.5	18.7



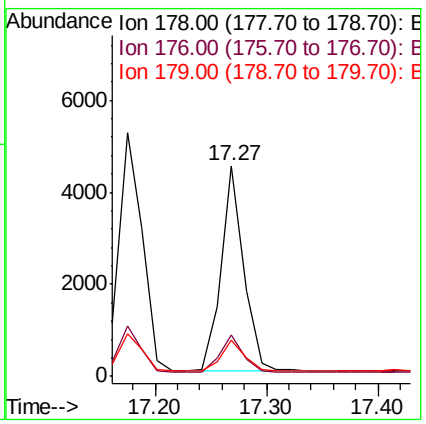


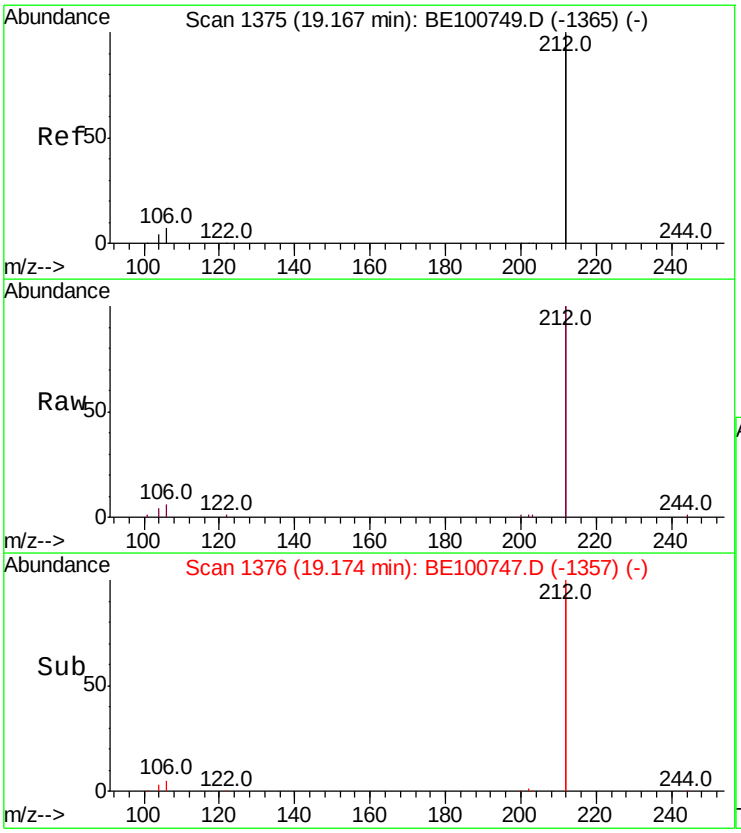
#24
Anthracene
Concen: 0.099 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 6331

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.9	22.3
179	16.0	12.2	18.4

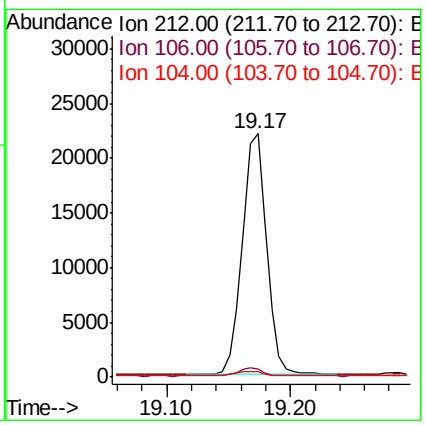


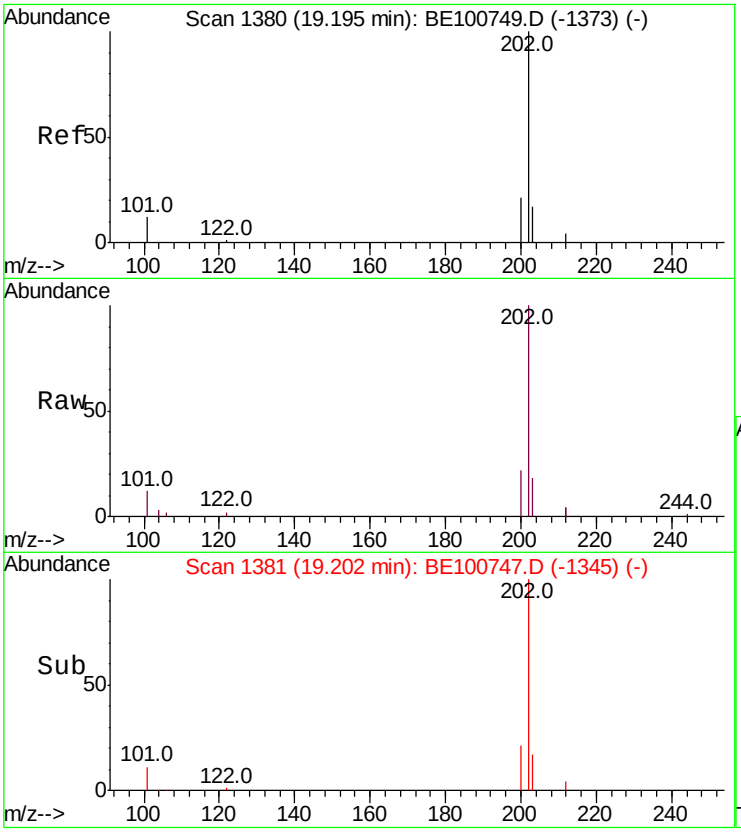


#25
Fluoranthene-d10
Concen: 0.088 ng
RT: 19.17 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:212 Resp: 30418

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	4.0
104	2.0	1.5	2.3



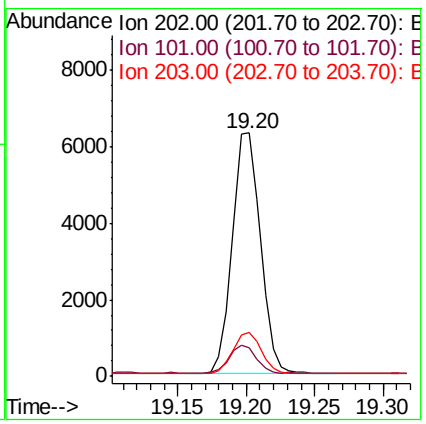


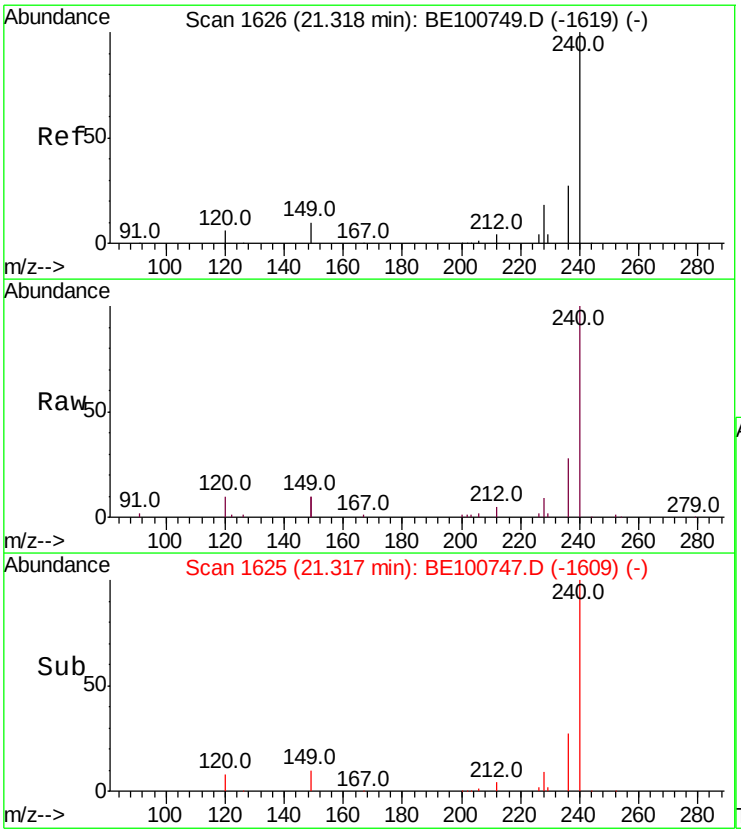
#26
Fluoranthene
Concen: 0.095 ng
RT: 19.20 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 9075

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.2	13.8
203	16.9	13.8	20.8

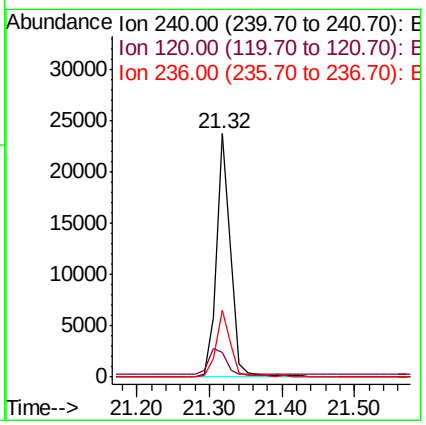


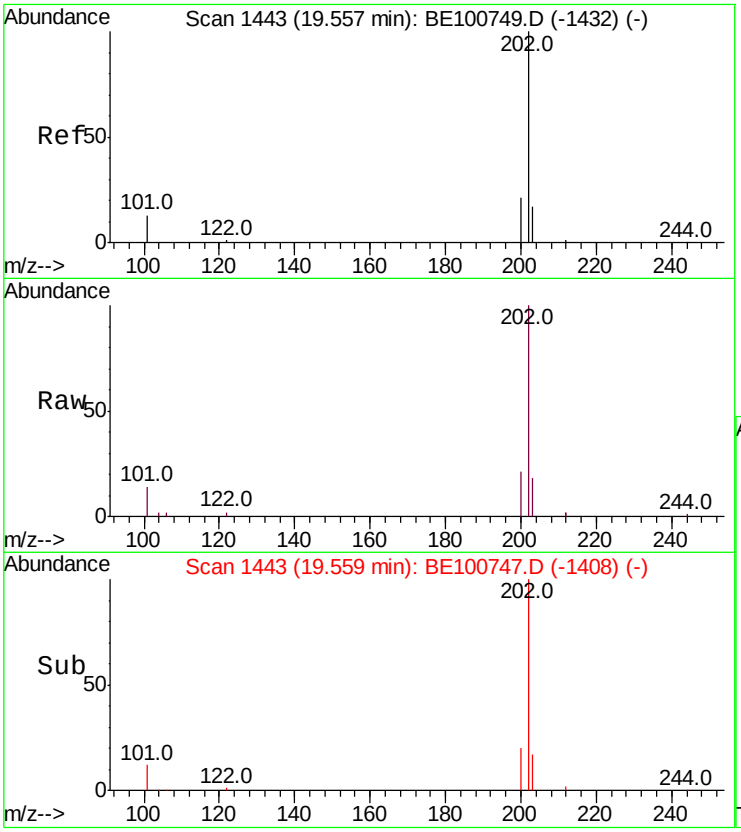


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:240 Resp: 31365

Ion	Ratio	Lower	Upper
240	100		
120	10.0	5.8	8.8#
236	27.7	21.9	32.9



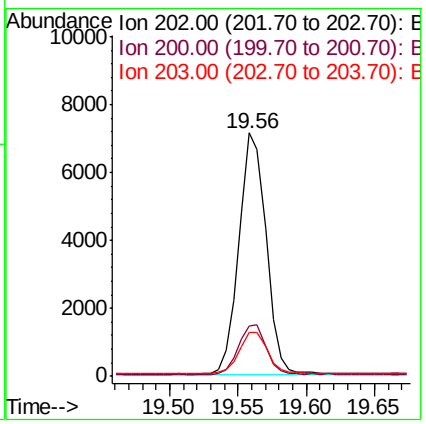


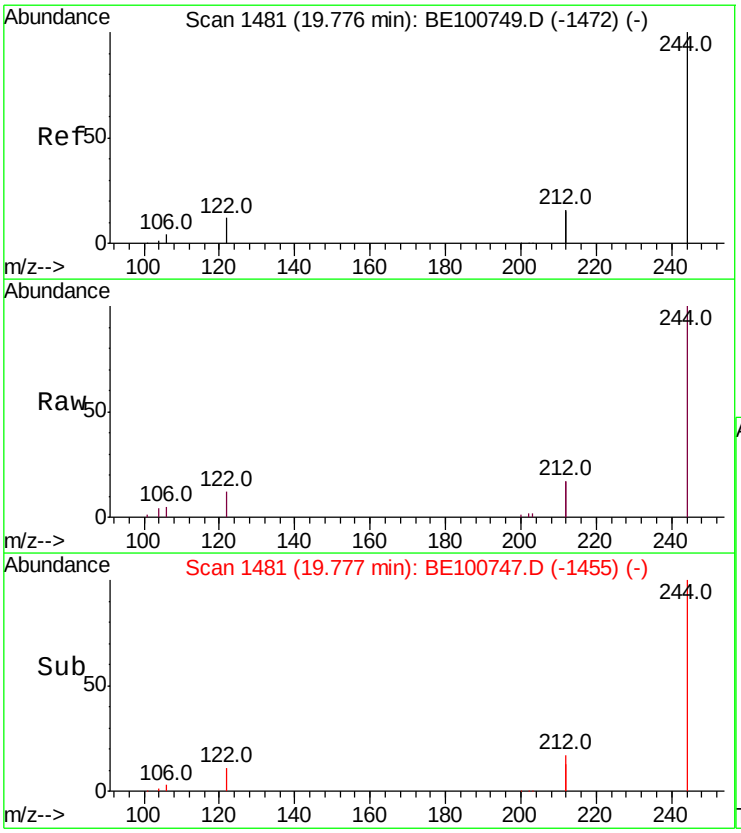
#28
Pyrene
Concen: 0.112 ng
RT: 19.56 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 9779

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.5	14.0	21.0

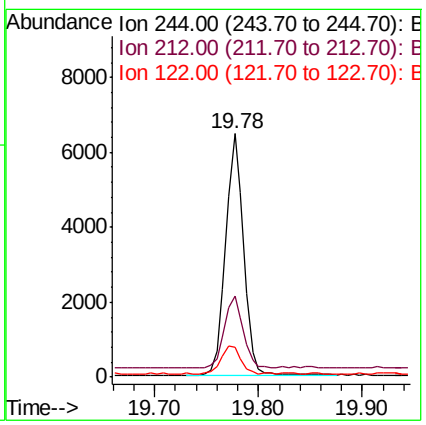


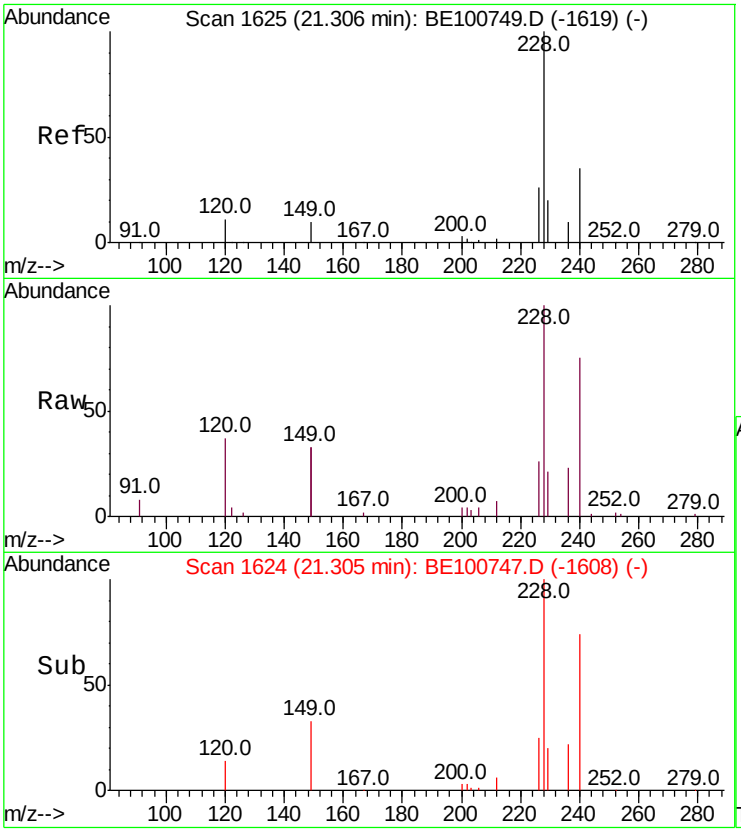


#29
Terphenyl-d14
Concen: 0.103 ng
RT: 19.78 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:244 Resp: 7732

Ion	Ratio	Lower	Upper
244	100		
212	33.5	25.2	37.8
122	12.5	9.8	14.6



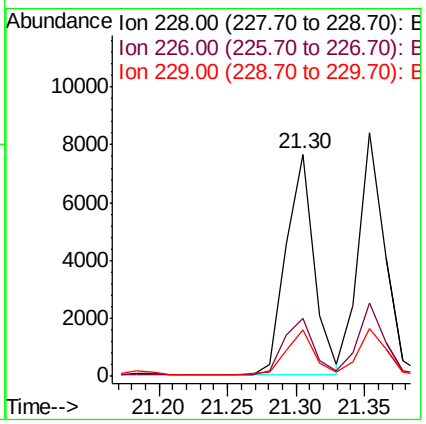


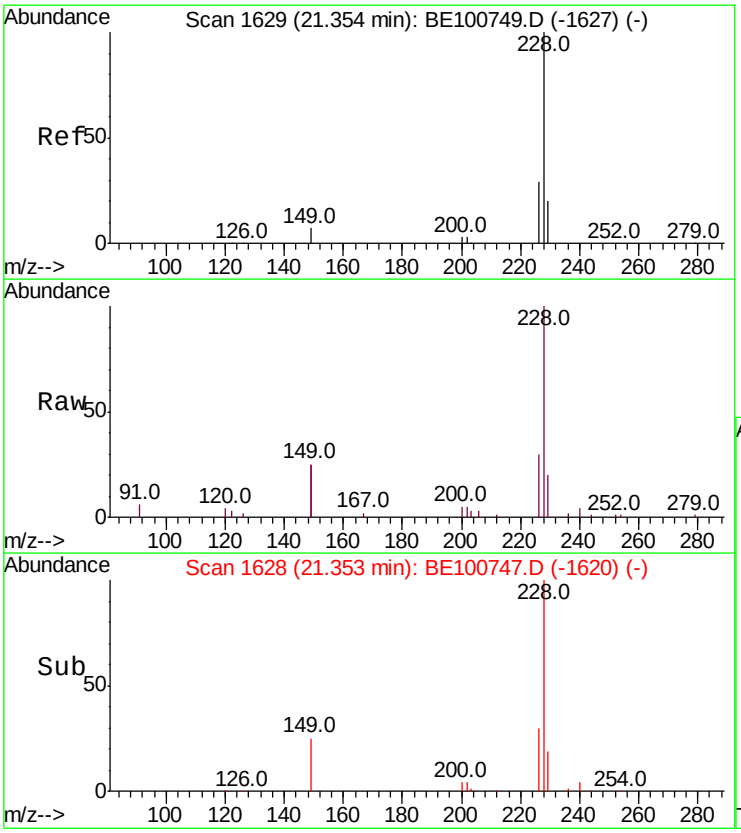
#30
Benzo(a)anthracene
Concen: 0.107 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 10816

Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.7	31.1
229	20.9	16.2	24.2

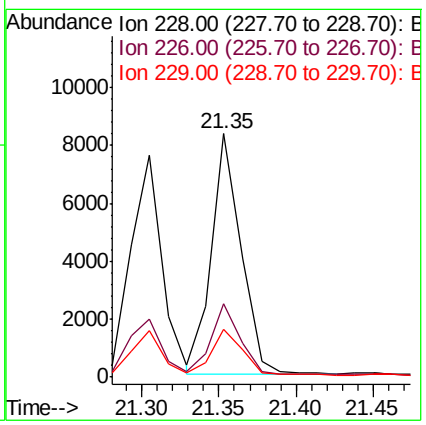


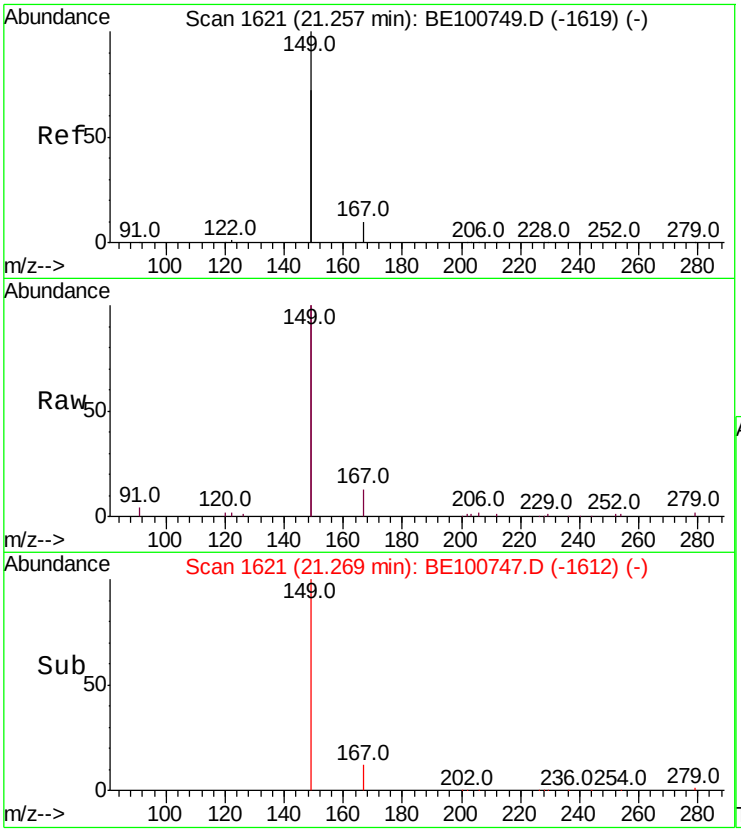


#31
Chrysene
Concen: 0.108 ng
RT: 21.35 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:228 Resp: 11030

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	19.6	15.9	23.9



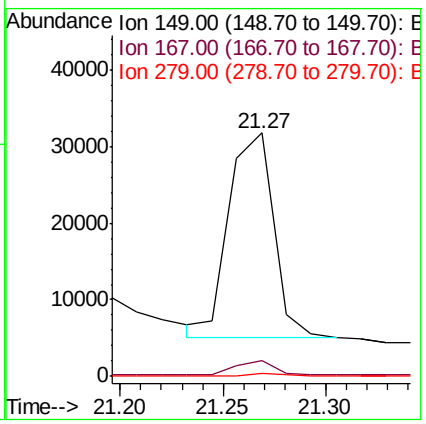


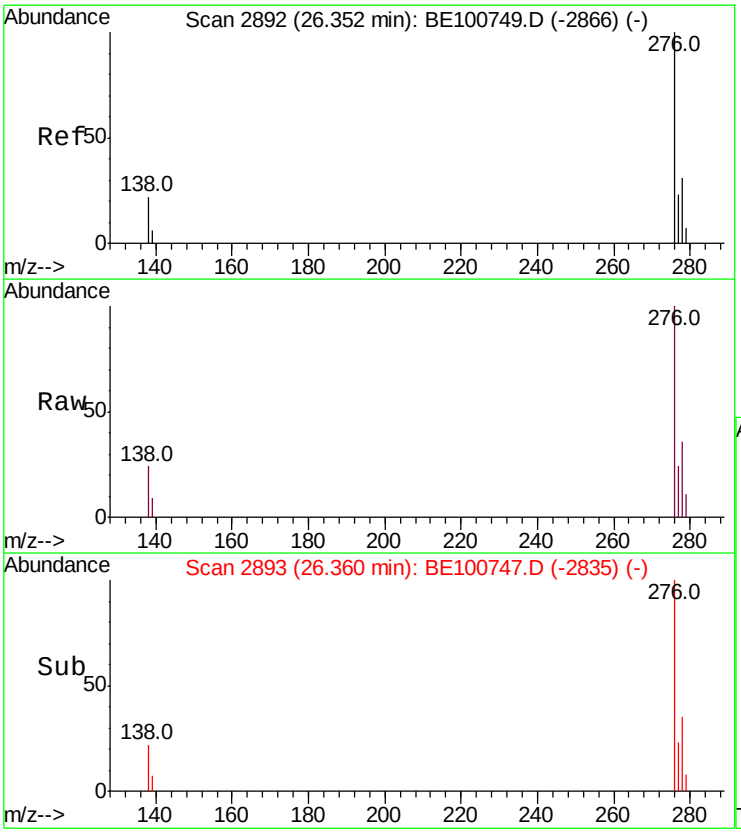
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.228 ng
RT: 21.27 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:149 Resp: 40644

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.5	8.3
279	0.8	0.7	1.1

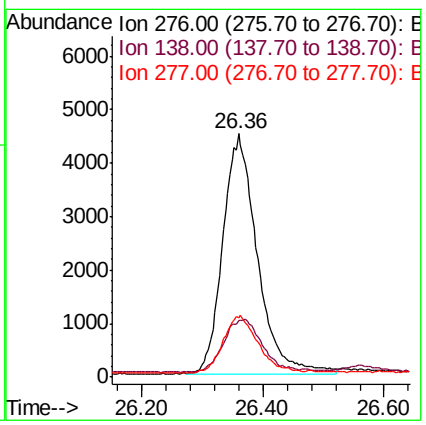


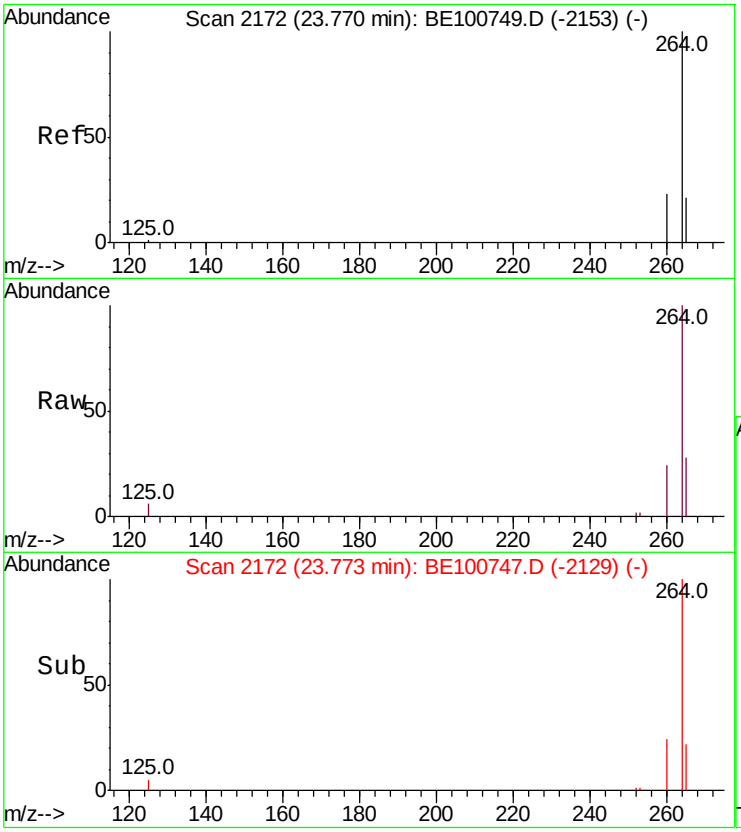


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.148 ng
RT: 26.36 min Scan# 2893
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:276 Resp: 17669

Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.8	29.6
277	24.4	19.7	29.5



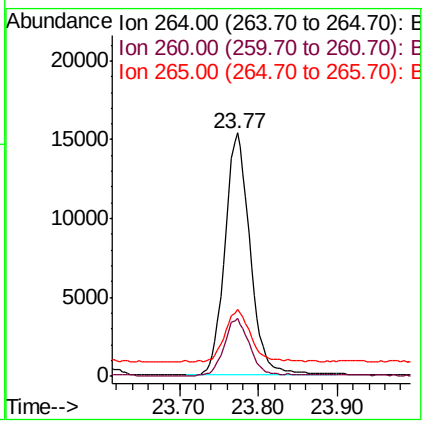


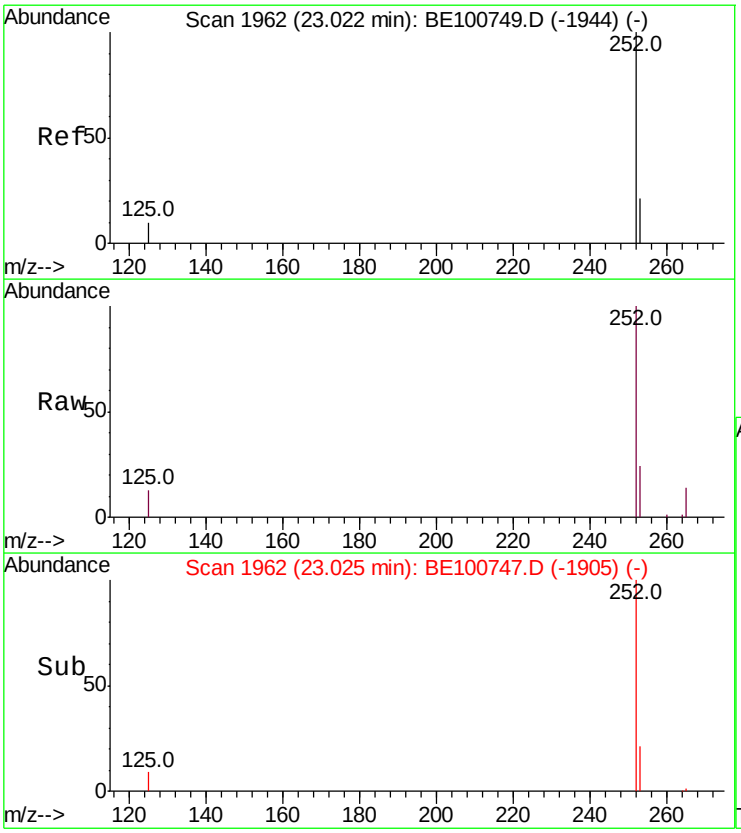
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 34145

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	27.7	22.4	33.6

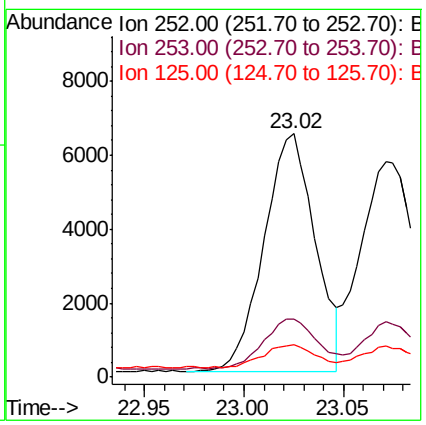


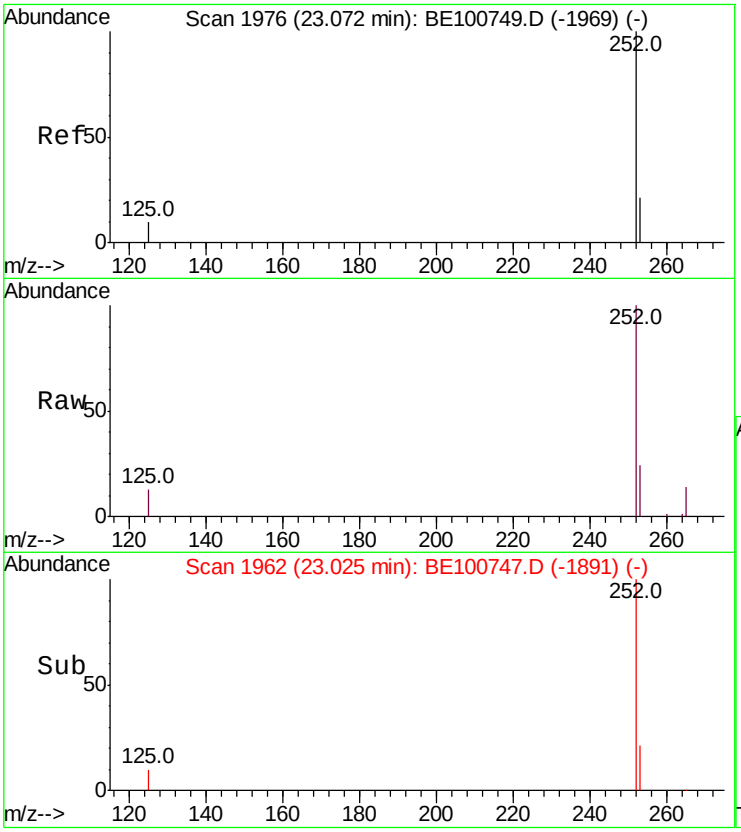


#35
Benzo(b)fluoranthene
Concen: 0.115 ng
RT: 23.02 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:252 Resp: 11465

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	13.2	9.1	13.7



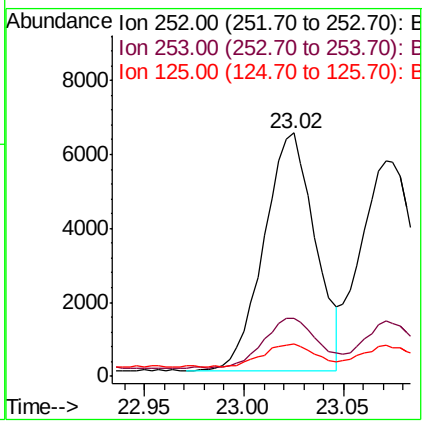


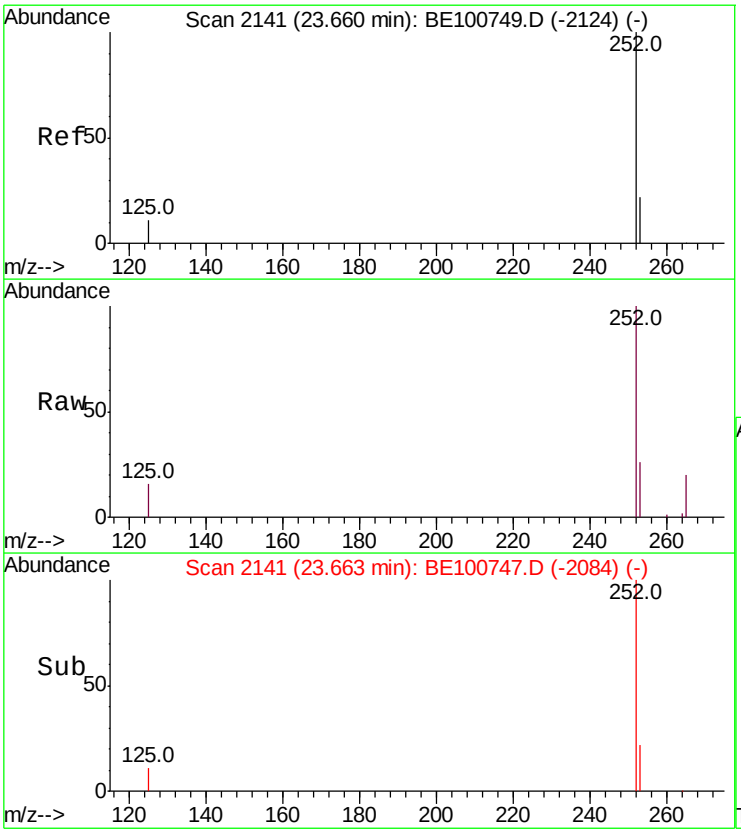
#36
Benzo(k)fluoranthene
Concen: 0.110 ng
RT: 23.02 min Scan# 1962
Delta R.T. -0.05 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 11465

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	13.2	9.0	13.4

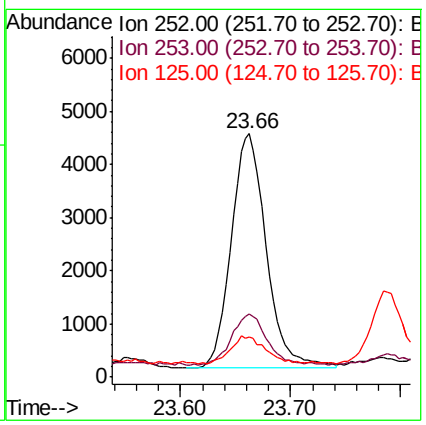


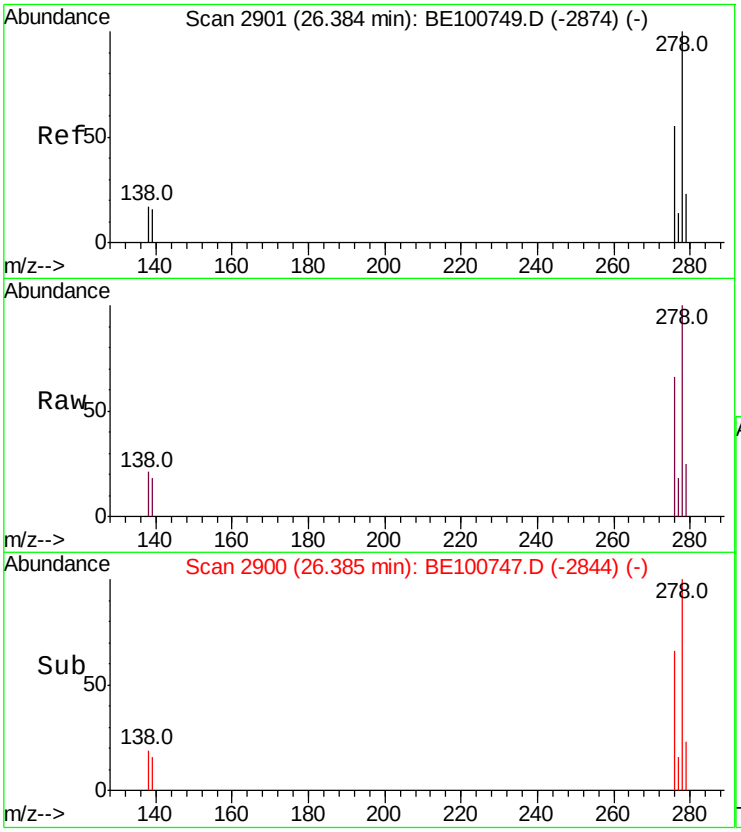


#37
Benzo(a)pyrene
Concen: 0.105 ng
RT: 23.66 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:252 Resp: 9724

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.3	27.5
125	16.4	10.5	15.7#



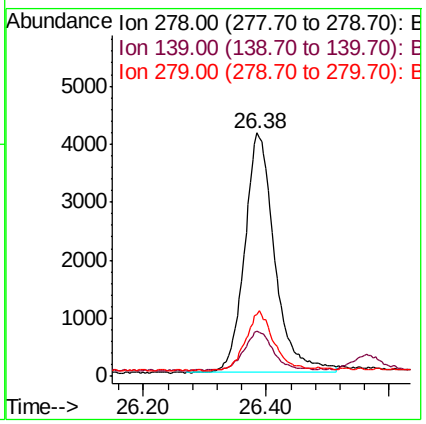


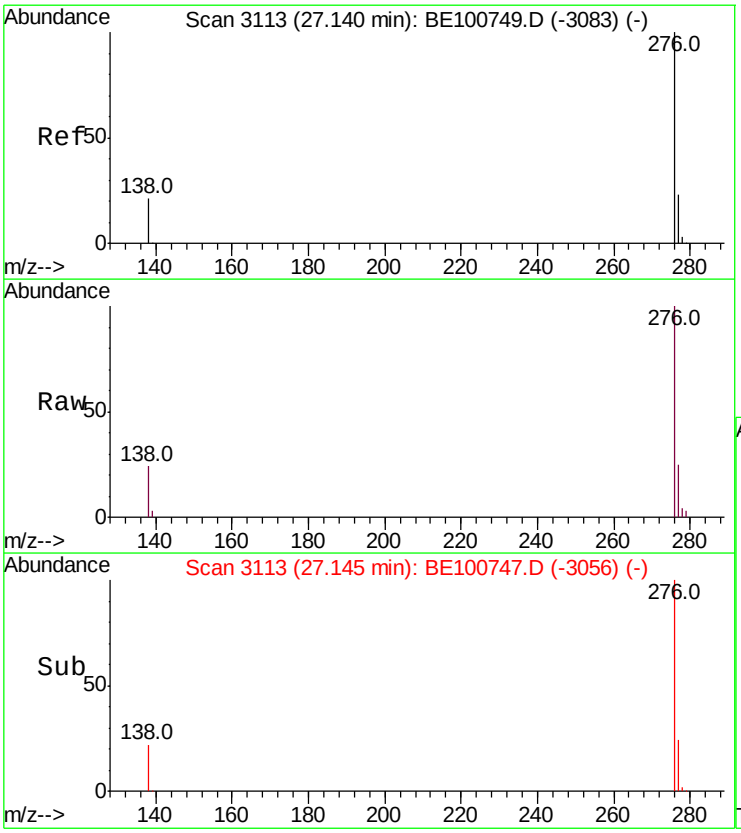
#38
Dibenzo(a,h)anthracene
Concen: 0.145 ng
RT: 26.38 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 14063

Ion	Ratio	Lower	Upper
278	100		
139	18.4	13.2	19.8
279	25.3	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.166 ng
RT: 27.14 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:276 Resp: 15747

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.9	28.3
138	24.0	17.8	26.8