Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111419\
Data File : BE100720.D
Acq On : 14 Nov 2019 14:31
Operator : JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Nov 15 15:55:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 14 16:59:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	1774	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	7635	0.40	ng		0.00
13) Acenaphthene-d10	14.41	164	4847	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	11993	0.40	ng		0.00
27) Chrysene-d12	21.29	240	15917	0.40	ng		0.00
34) Perylene-d12	23.73	264	18586	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	516	0.09	ng		-0.01
5) Phenol-d6	6.94	99	710	0.09	ng		0.00
8) Nitrobenzene-d5	8.91	82	642	0.14	ng		0.00
11) 2-Methylnaphthalene-d10	12.15	152	1183	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.89	330	39	0.03	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	1792	0.10	ng		0.00
25) Fluoranthene-d10	19.16	212	15139	0.10	ng		0.00
29) Terphenyl-d14	19.76	244	3935	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	341	0.108	ng		89
3) n-Nitrosodimethylamine	3.60	42	309	0.092	ng	#	90
6) bis(2-Chloroethyl)ether	7.20	93	600	0.095	ng		82
9) Naphthalene	10.60	128	7910	0.099	ng	#	98
10) Hexachlorobutadiene	10.90	225	358	0.103	ng		96
12) 2-Methylnaphthalene	12.22	142	1307	0.096	ng		97
16) Acenaphthylene	14.12	152	1814	0.087	ng		97
17) Acenaphthene	14.47	154	1278	0.095	ng		97
18) Fluorene	15.43	166	1737	0.097	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	627	0.103	ng	#	92
21) Hexachlorobenzene	16.45	284	594	0.102	ng		97
23) Phenanthrene	17.17	178	3276	0.099	ng		98
24) Anthracene	17.27	178	2776	0.091	ng		100
26) Fluoranthene	19.18	202	4229	0.098	ng		99
28) Pyrene	19.55	202	4519	0.102	ng		99
30) Benzo(a)anthracene	21.28	228	5128	0.099	ng		98
31) Chrysene	21.33	228	5249	0.101	ng		98
32) Bis(2-ethylhexyl)phthalate	21.22	149	11749	0.108	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.29	276	6089	0.095	ng		99
35) Benzo(b)fluoranthene	22.99	252	5290	0.098	ng	#	94
36) Benzo(k)fluoranthene	23.04	252	5626	0.101	ng	#	83
37) Benzo(a)pyrene	23.62	252	4840	0.096	ng	#	92
38) Dibenzo(a,h)anthracene	26.32	278	5113	0.098	ng	#	93
39) Benzo(g,h,i)perylene	27.08	276	5091	0.097	ng		95

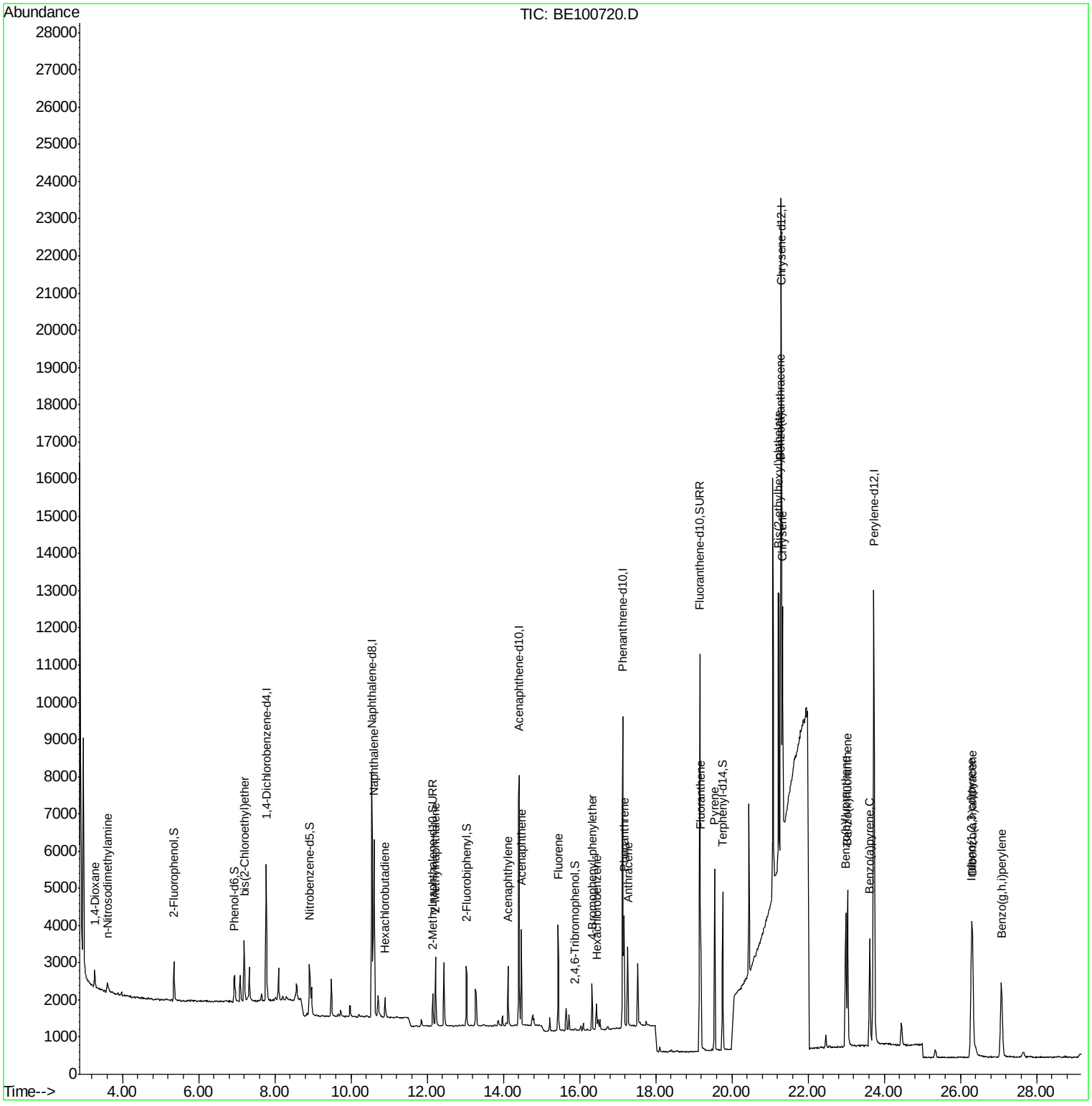
(#) = qualifier out of range (m) = manual integration (+) = signals summed

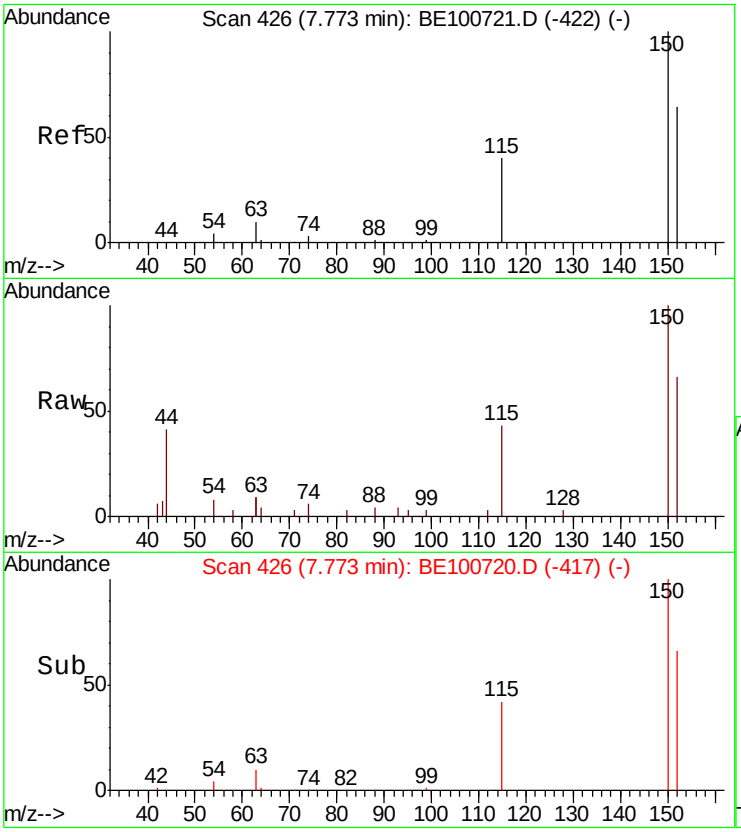
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111419\
Data File : BE100720.D
Acq On : 14 Nov 2019 14:31
Operator : JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Nov 15 15:55:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 14 16:59:41 2019
Response via : Initial Calibration



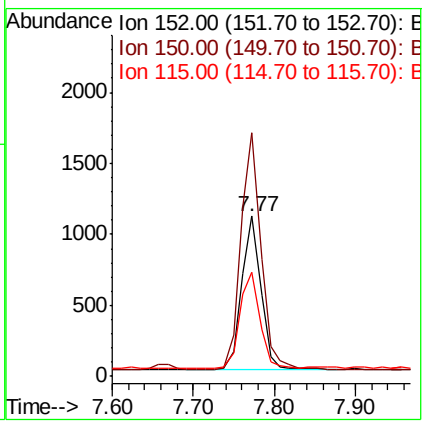


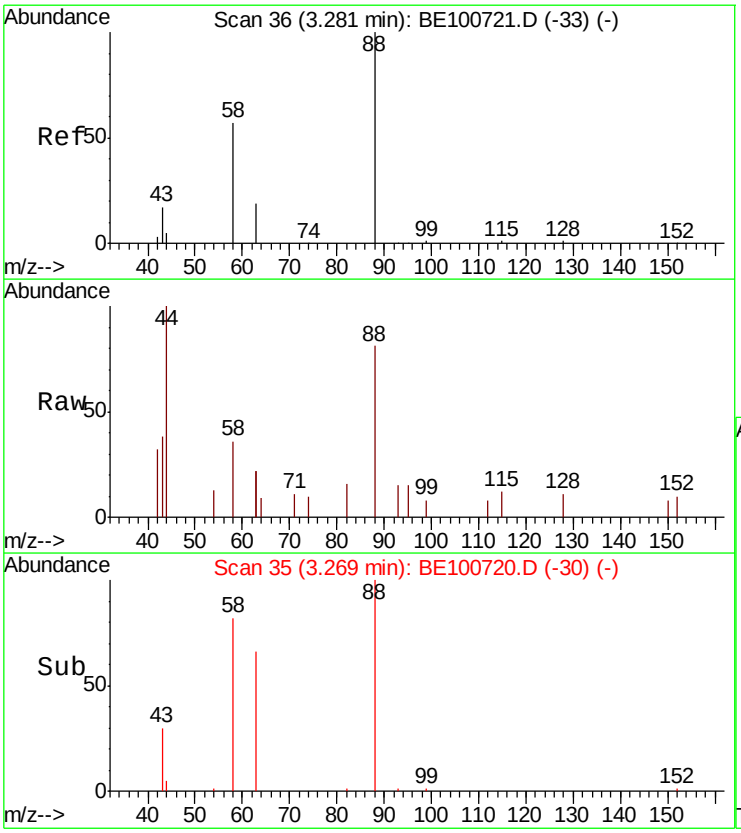
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1774

Ion	Ratio	Lower	Upper
152	100		
150	151.9	123.4	185.0
115	65.2	52.1	78.1

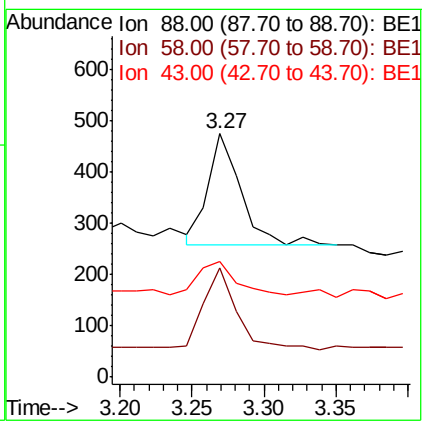


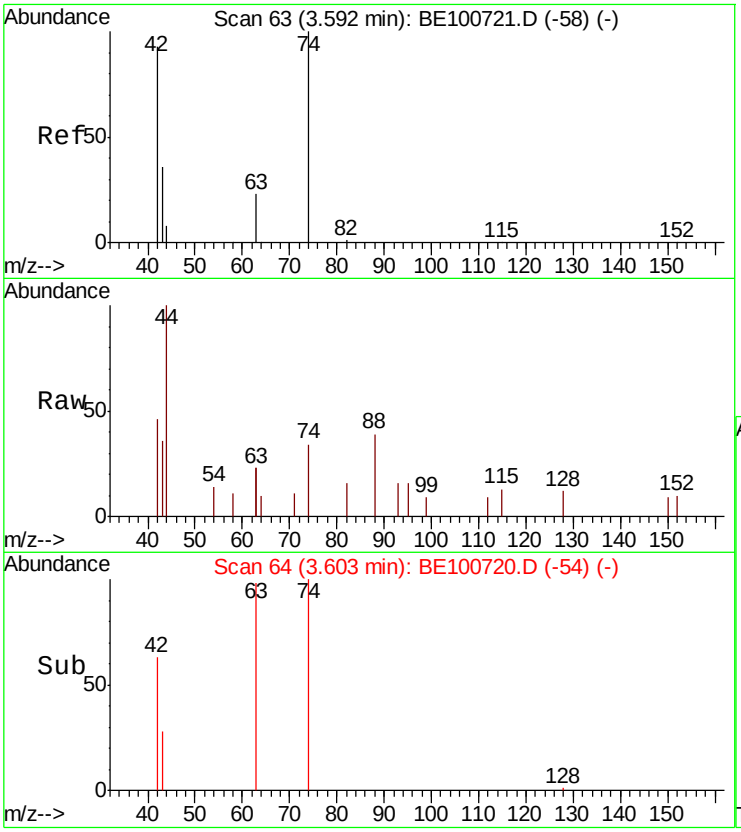


#2
1,4-Dioxane
Concen: 0.108 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.01 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion: 88 Resp: 341

Ion	Ratio	Lower	Upper
88	100		
58	75.4	69.8	104.8
43	36.4	27.0	40.4



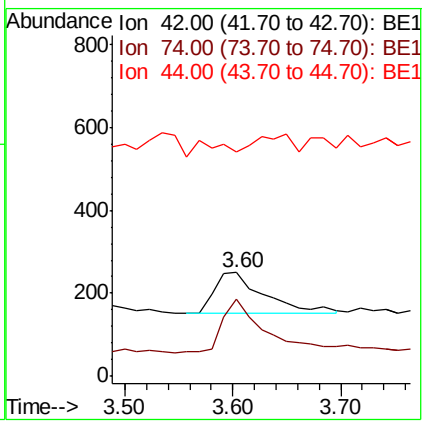


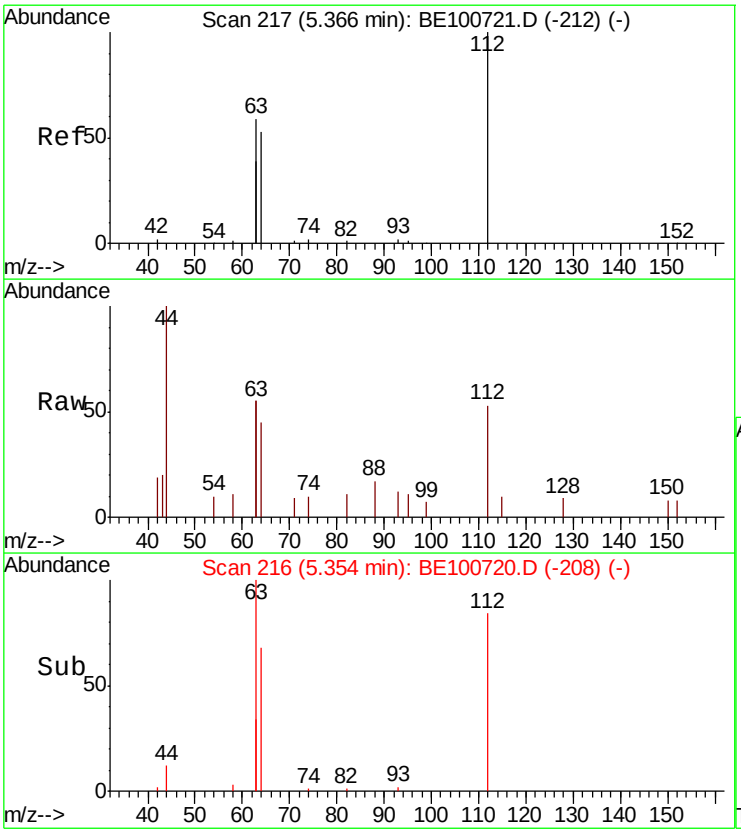
#3
n-Nitrosodimethylamine
Concen: 0.092 ng
RT: 3.60 min Scan# 64
Delta R.T. 0.01 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 309

Ion	Ratio	Lower	Upper
42	100		
74	117.2	99.7	149.5
44	0.0	11.8	17.8#

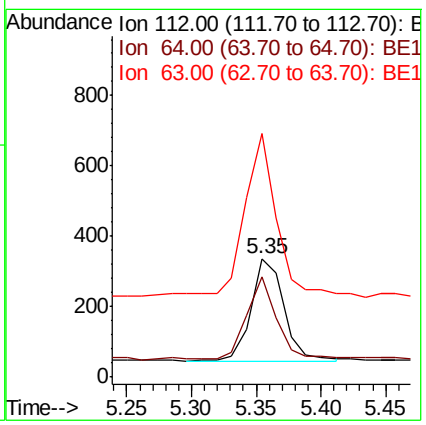


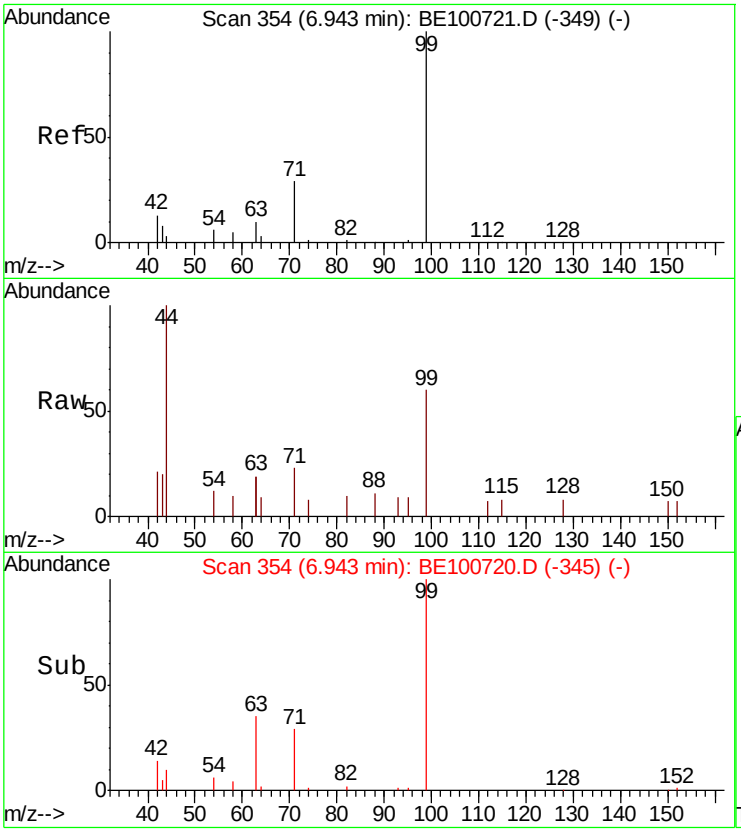


#4
2-Fluorophenol
Concen: 0.094 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.01 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion:112 Resp: 516

Ion	Ratio	Lower	Upper
112	100		
64	72.3	58.3	87.5
63	141.9	115.4	173.2



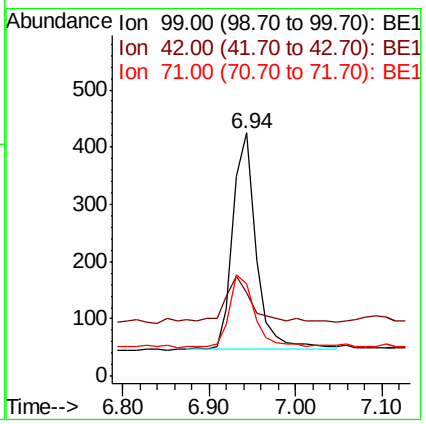


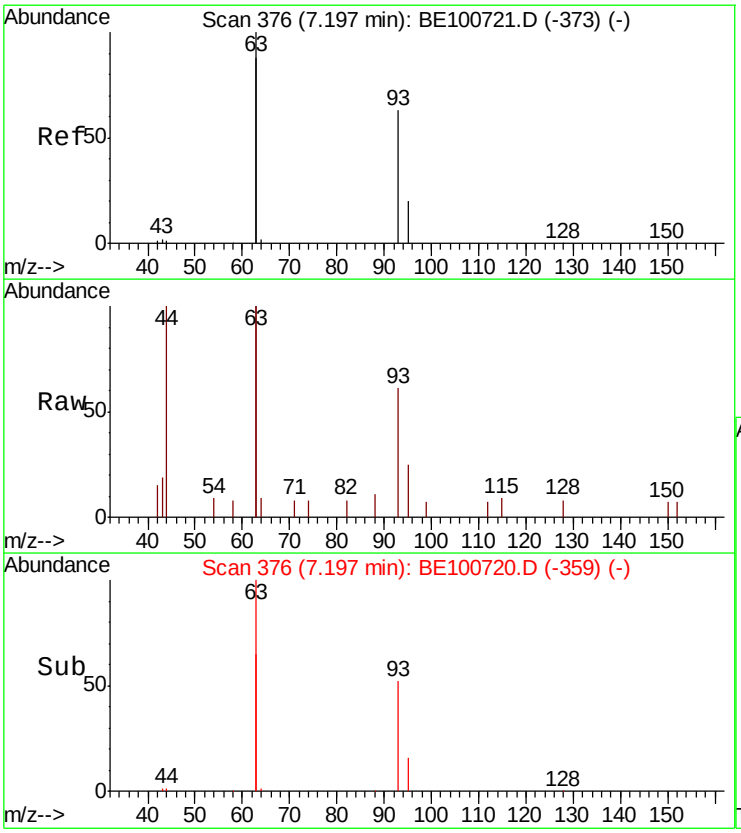
#5
Phenol-d6
Concen: 0.092 ng
RT: 6.94 min Scan# 354
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 710

Ion	Ratio	Lower	Upper
99	100		
42	23.5	17.8	26.6
71	35.8	27.3	40.9

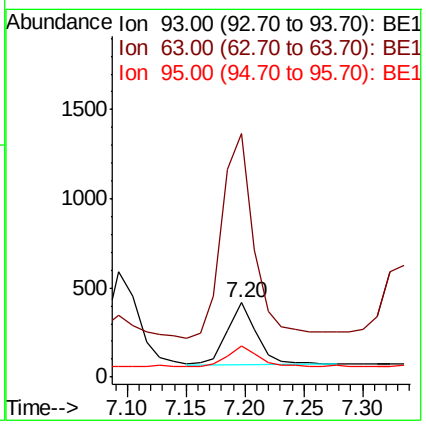


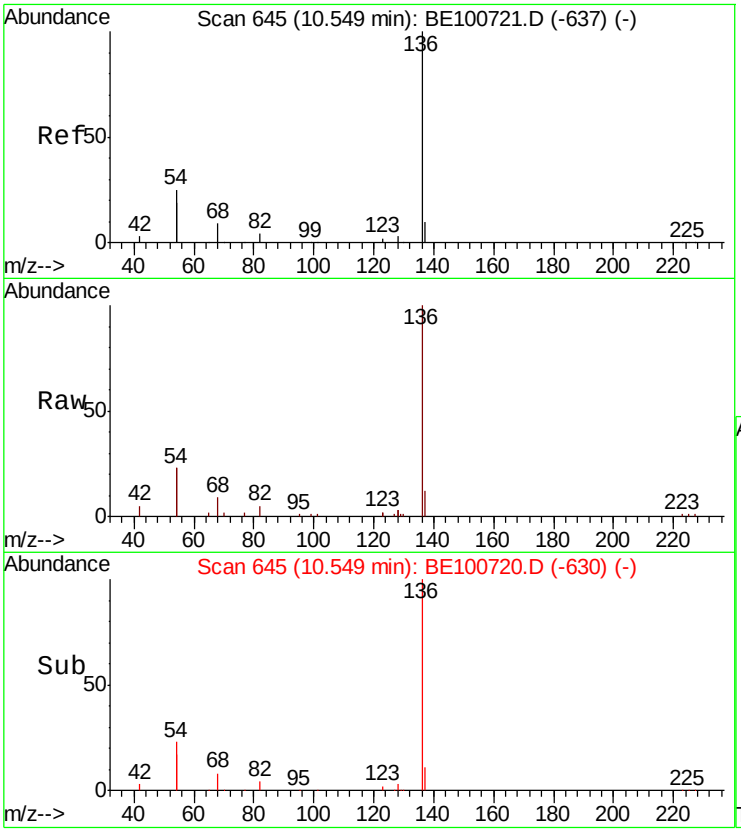


#6
bis(2-Chloroethyl)ether
Concen: 0.095 ng
RT: 7.20 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion: 93 Resp: 600

Ion	Ratio	Lower	Upper
93	100		
63	363.5	260.7	391.1
95	36.0	24.2	36.2



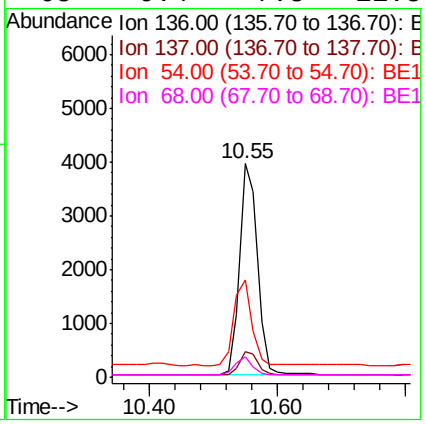


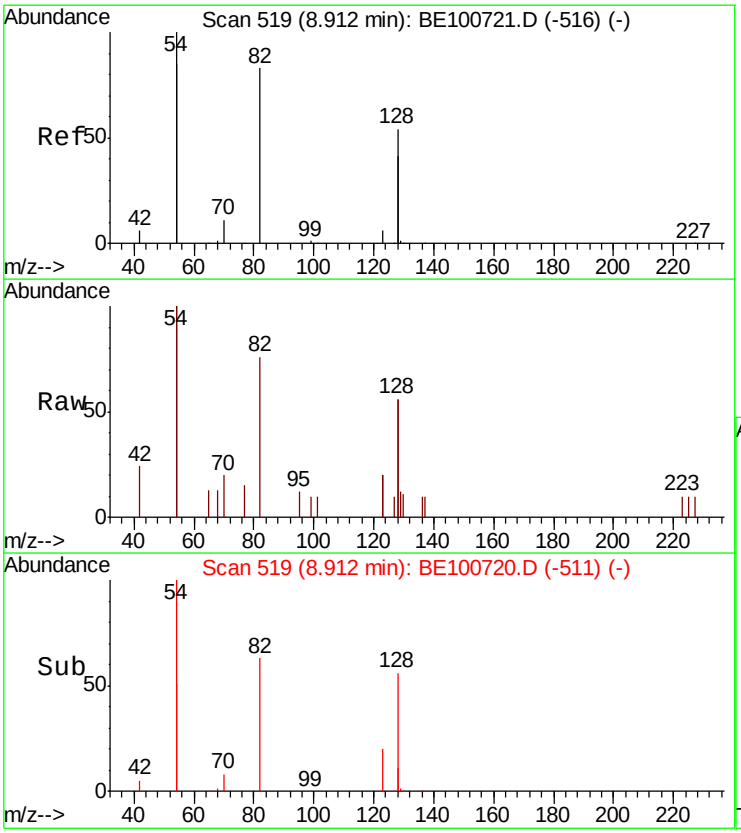
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 7635

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	45.4	39.0	58.6
68	9.4	7.8	11.8

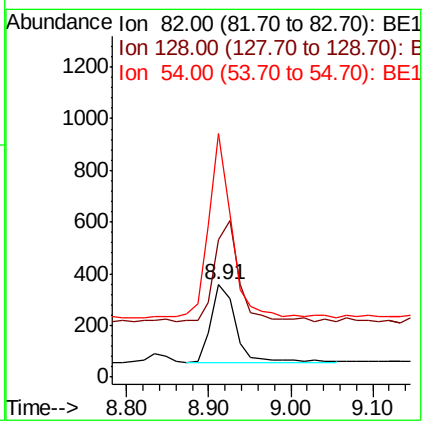


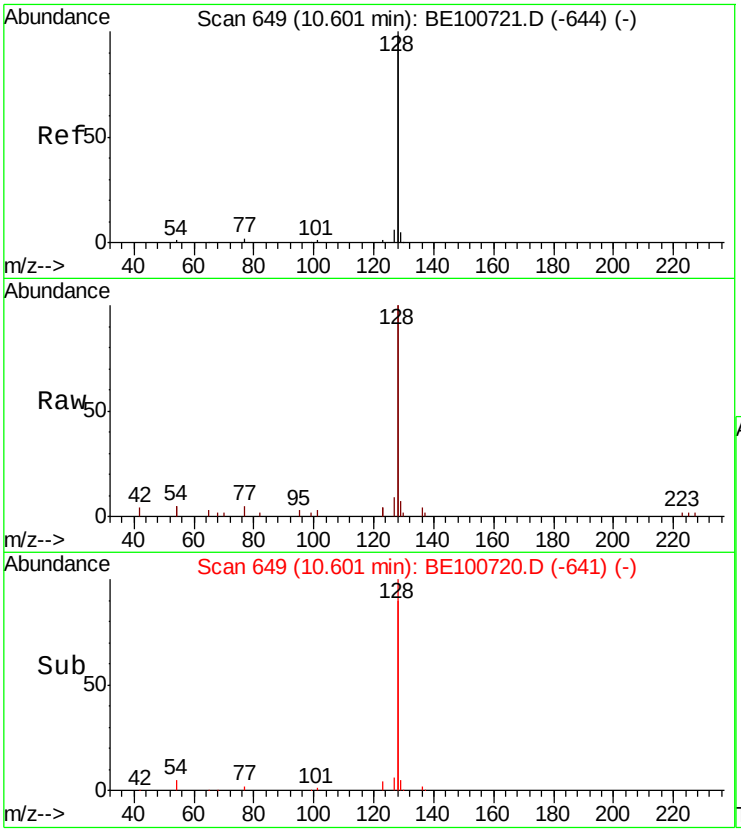


#8
Nitrobenzene-d5
Concen: 0.136 ng
RT: 8.91 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion: 82 Resp: 642

Ion	Ratio	Lower	Upper
82	100		
128	149.4	99.6	149.4#
54	264.6	183.8	275.8



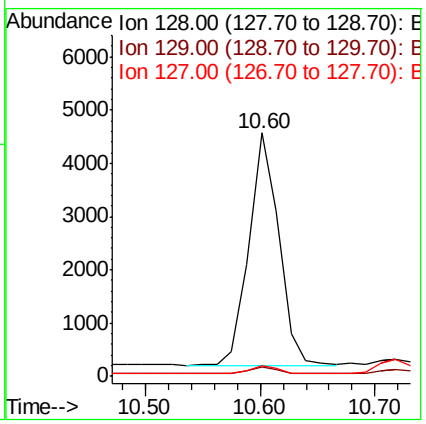


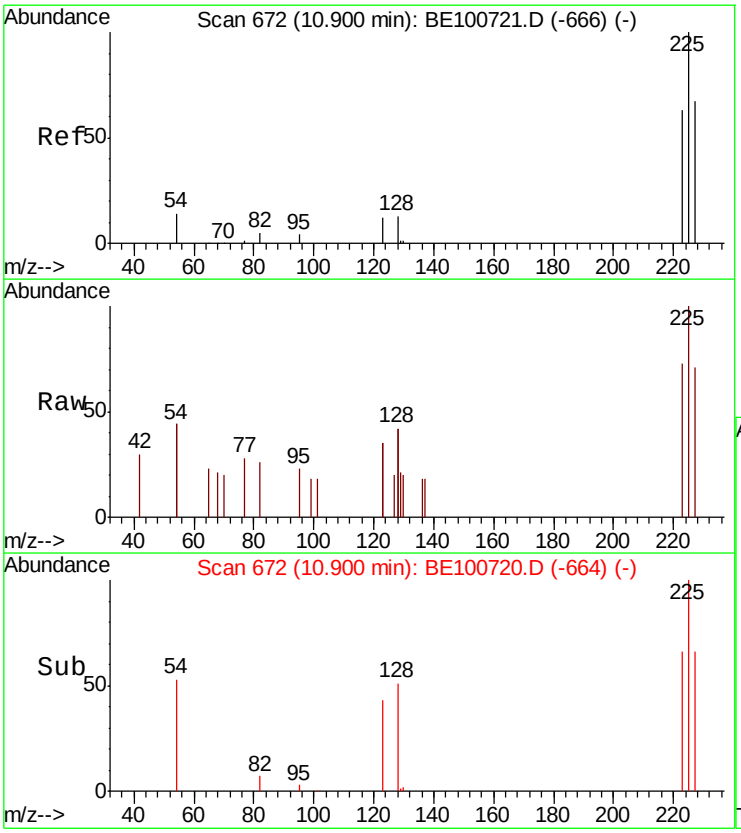
#9
Naphthalene
Concen: 0.099 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 7910

Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.4	3.6#
127	4.3	2.7	4.1#

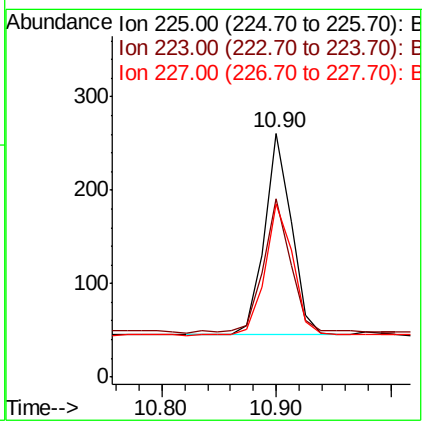


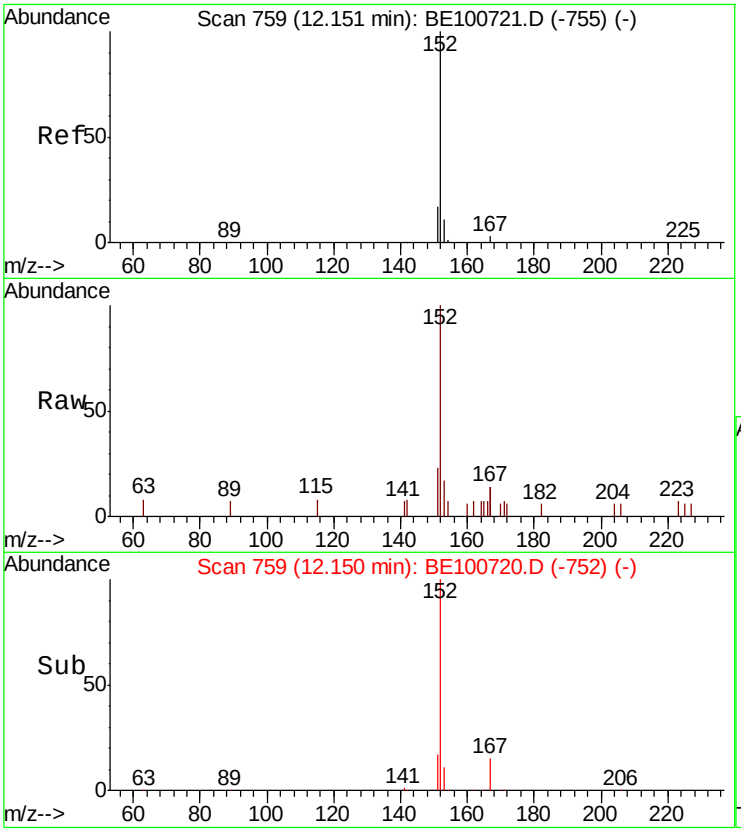


#10
Hexachlorobutadiene
Concen: 0.103 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion:225 Resp: 358

Ion	Ratio	Lower	Upper
225	100		
223	67.6	50.6	76.0
227	68.7	53.0	79.6



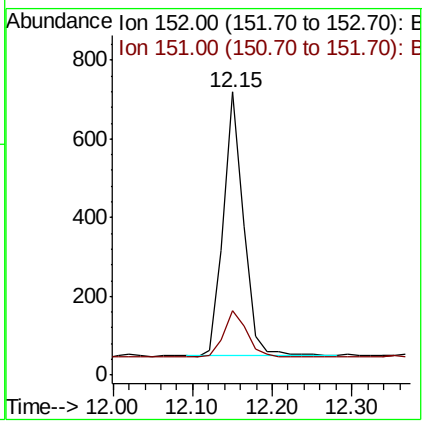


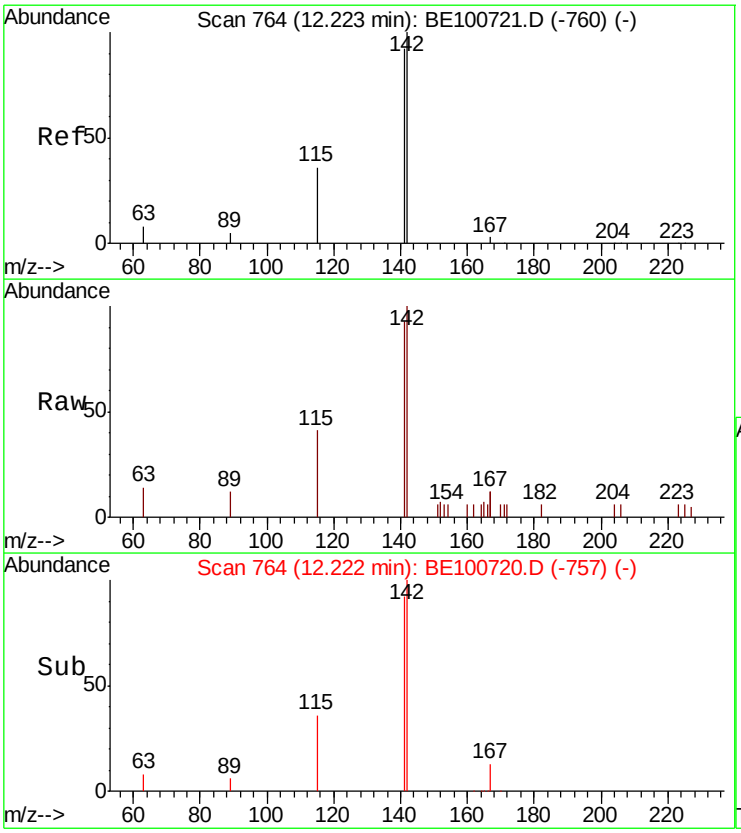
#11
2-Methylnaphthalene-d10
Concen: 0.098 ng
RT: 12.15 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1183

Ion	Ratio	Lower	Upper
152	100		
151	20.2	14.2	21.4

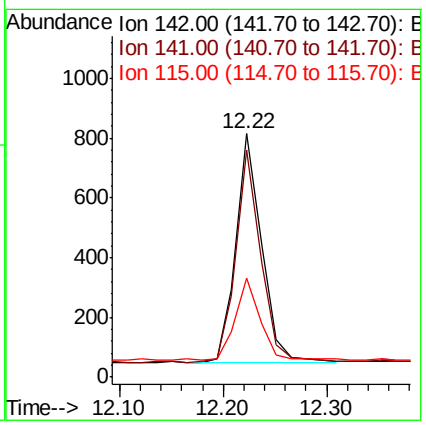


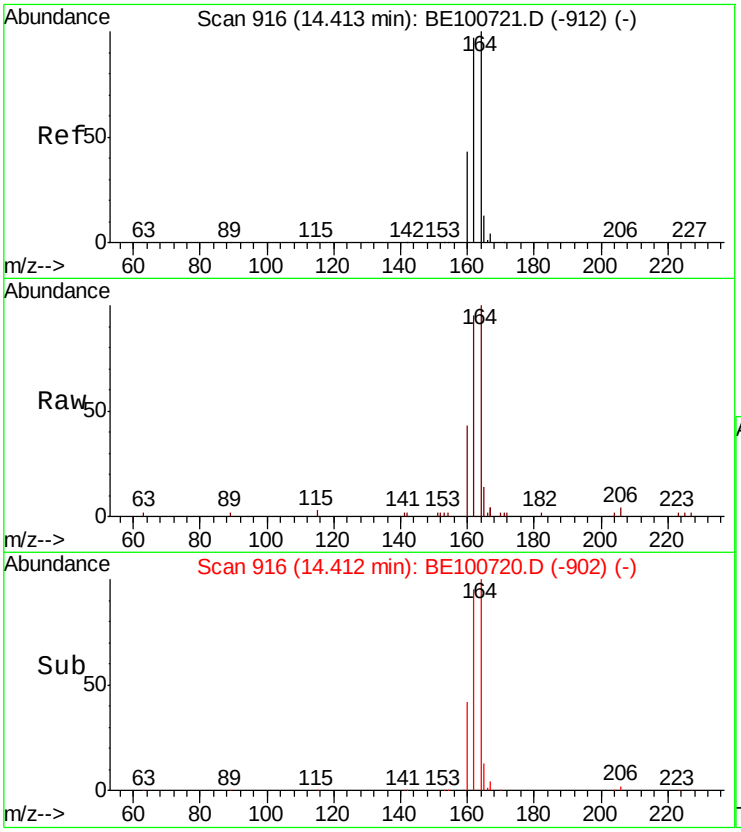


#12
2-Methylnaphthalene
Concen: 0.096 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion:142 Resp: 1307

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.3	109.9
115	40.9	29.9	44.9



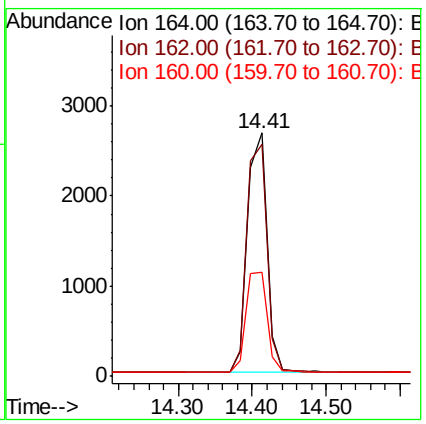


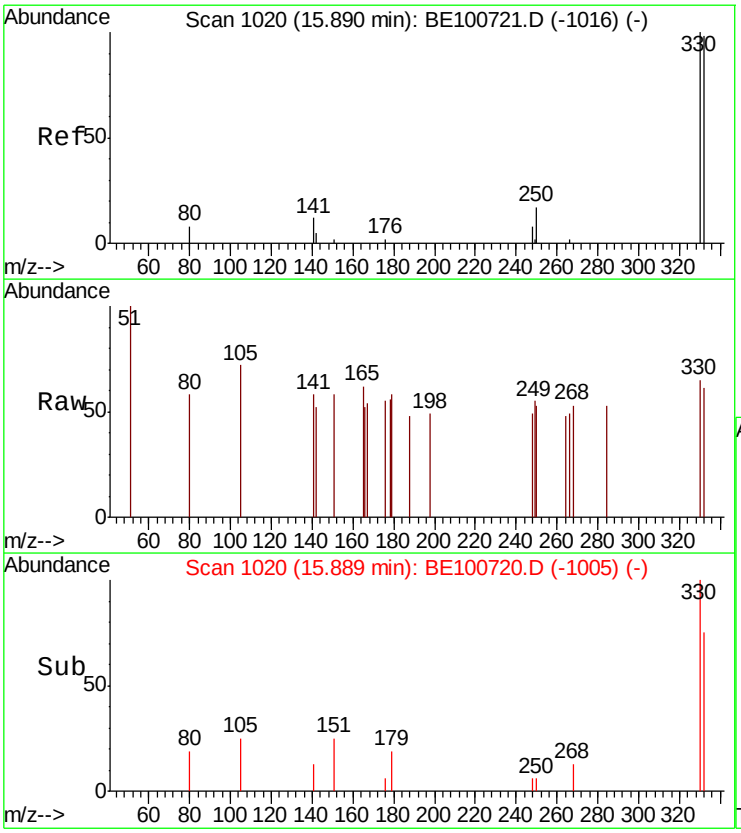
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 4847

Ion	Ratio	Lower	Upper
164	100		
162	95.1	77.8	116.8
160	42.7	35.3	52.9

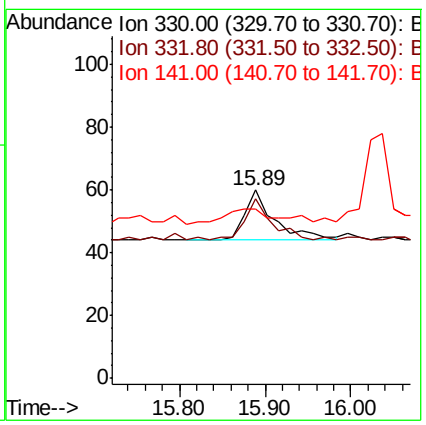


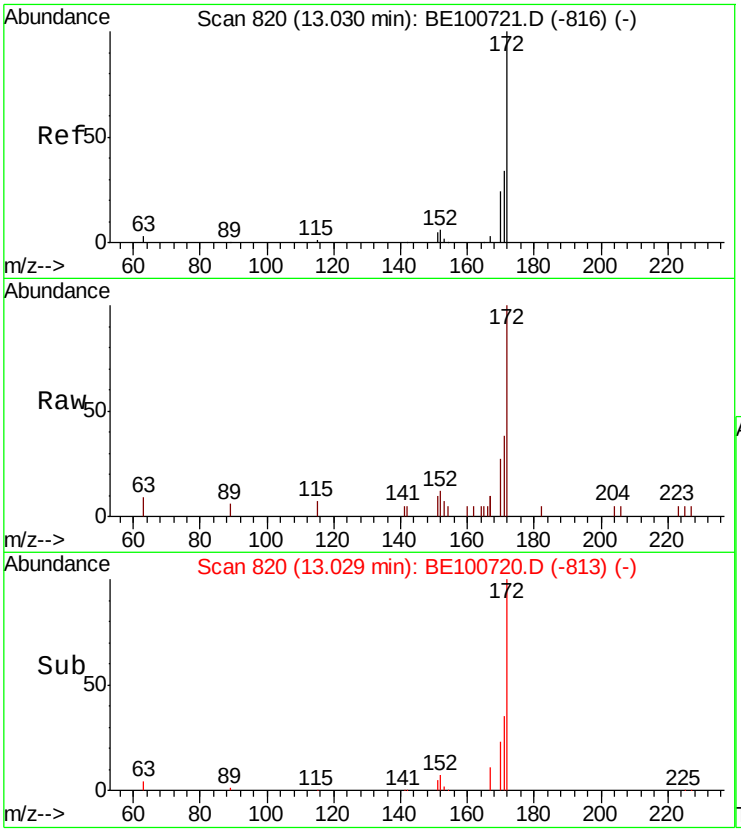


#14
2,4,6-Tribromophenol
Concen: 0.030 ng
RT: 15.89 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion:330 Resp: 39

Ion	Ratio	Lower	Upper
330	100		
332	74.4	85.0	127.6#
141	28.2	28.2	42.2



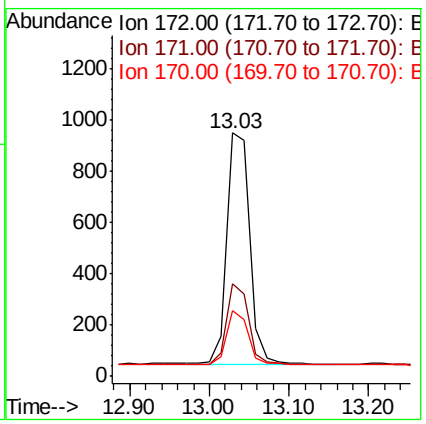


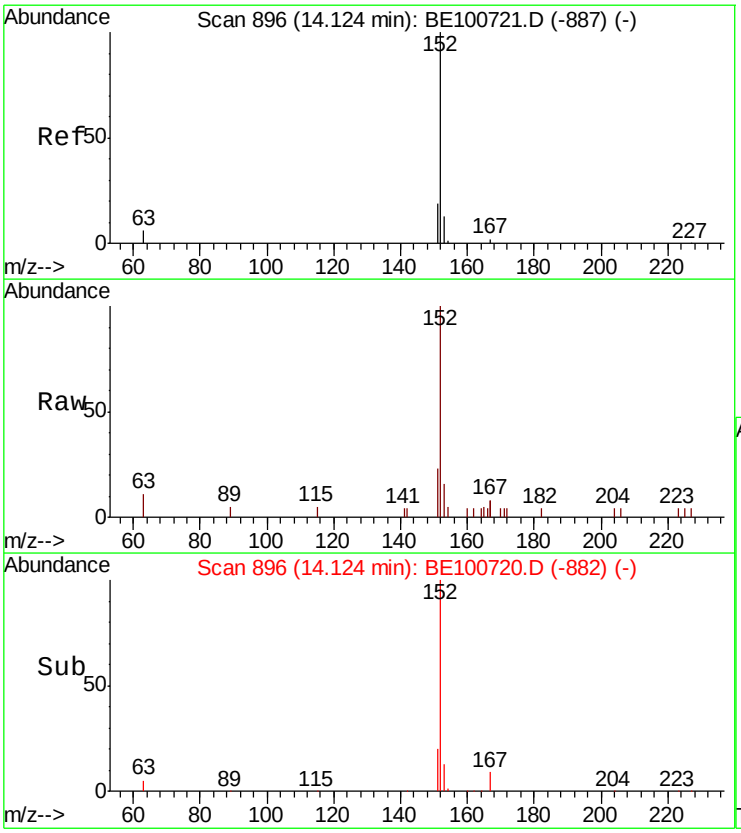
#15
2-Fluorobiphenyl
Concen: 0.101 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 1792

Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.1	42.1
170	26.9	19.8	29.6

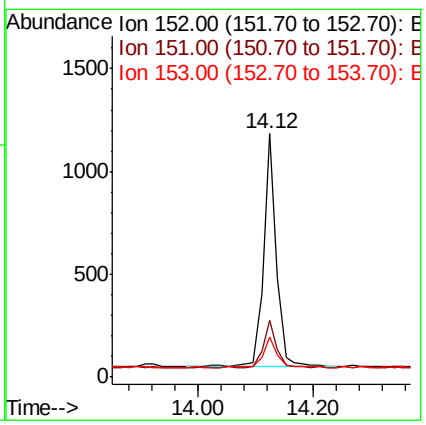


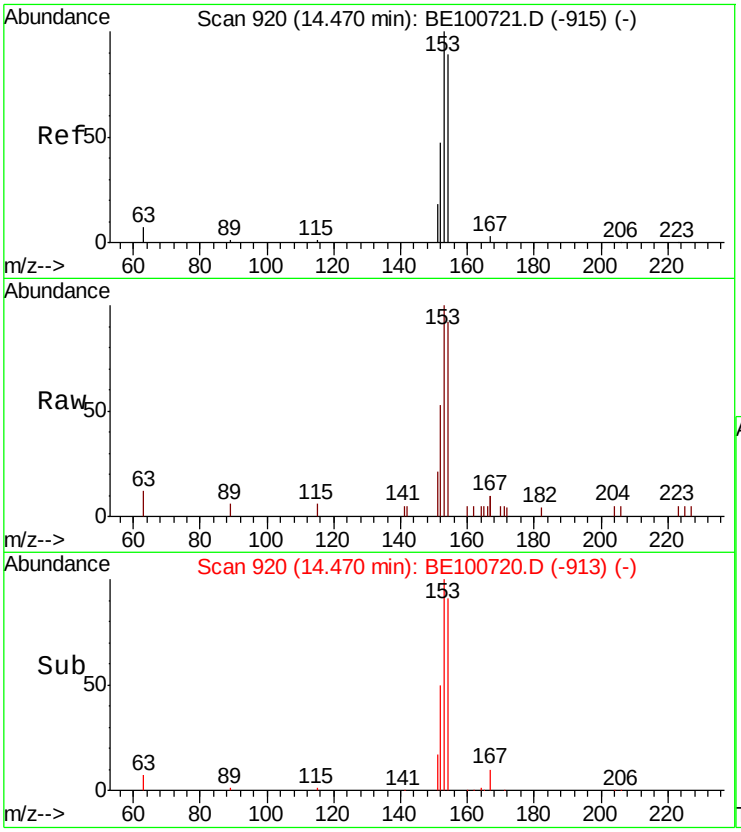


#16
Acenaphthylene
Concen: 0.087 ng
RT: 14.12 min Scan# 896
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion:152 Resp: 1814

Ion	Ratio	Lower	Upper
152	100		
151	20.1	14.9	22.3
153	14.2	10.7	16.1



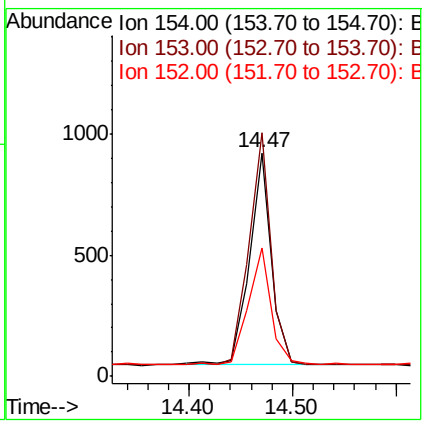


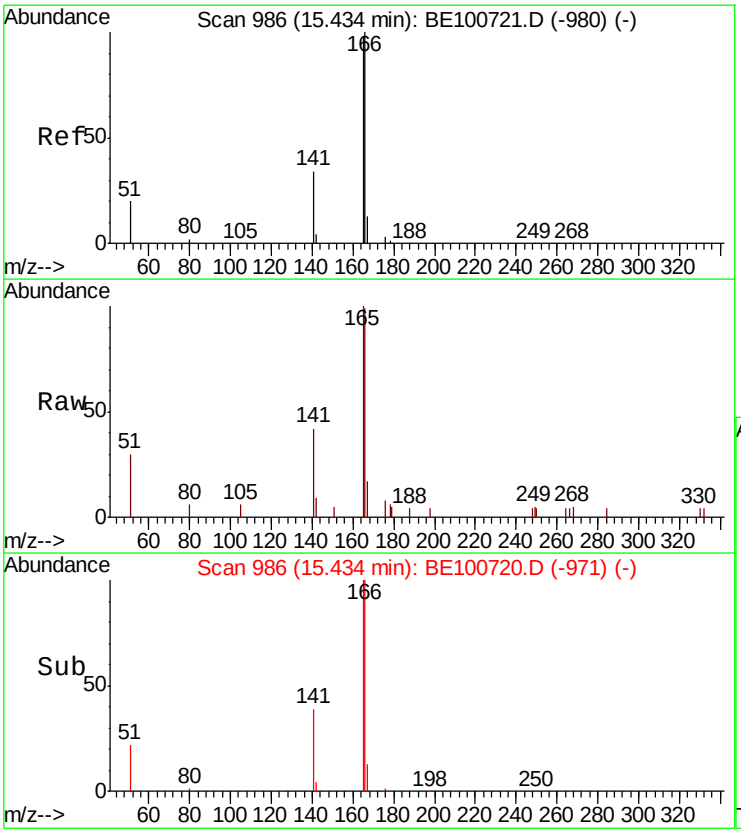
#17
Acenaphthene
Concen: 0.095 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1278

Ion	Ratio	Lower	Upper
154	100		
153	110.3	91.9	137.9
152	57.1	44.8	67.2

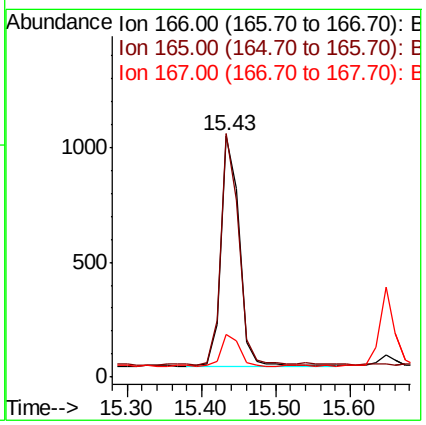


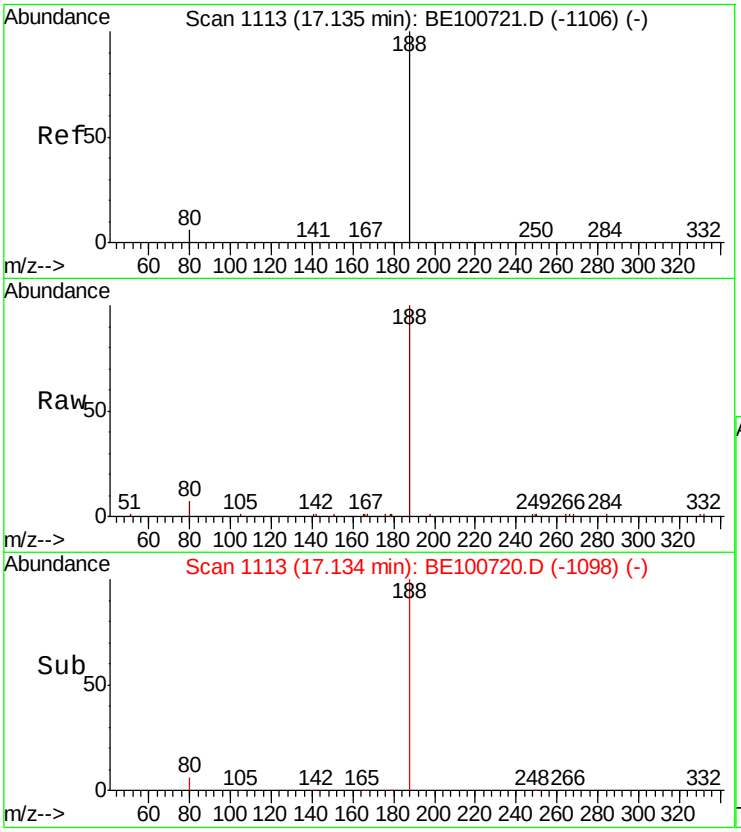


#18
Fluorene
Concen: 0.097 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion:166 Resp: 1737

Ion	Ratio	Lower	Upper
166	100		
165	95.7	78.2	117.4
167	13.1	10.6	16.0



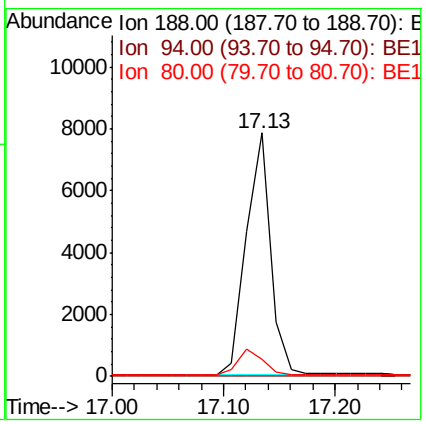


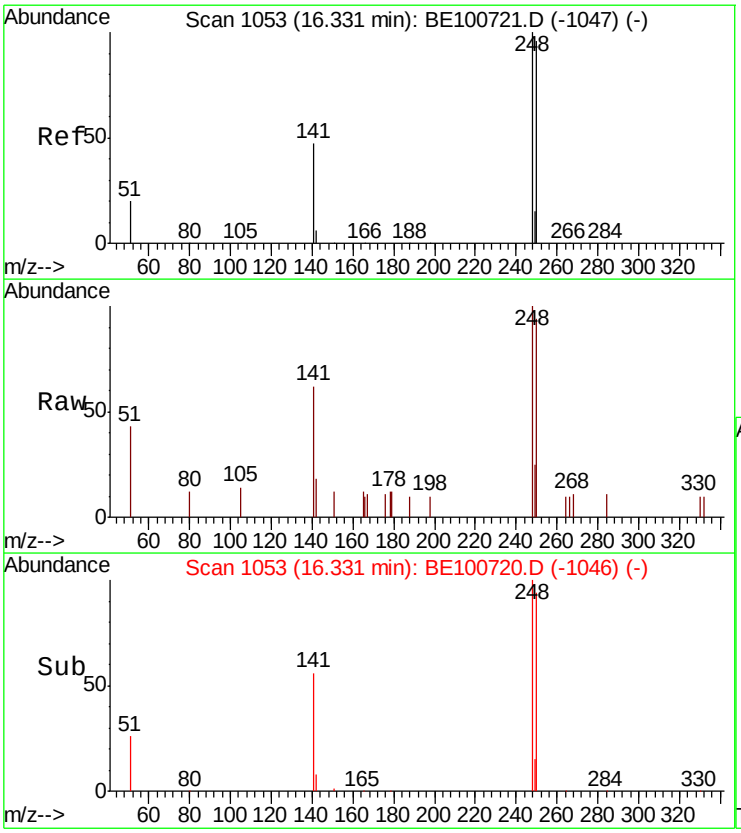
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 11993

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	5.4	8.0

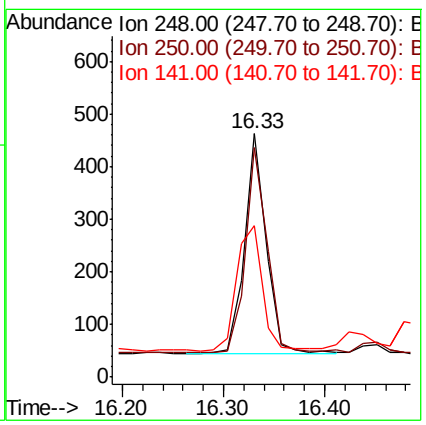


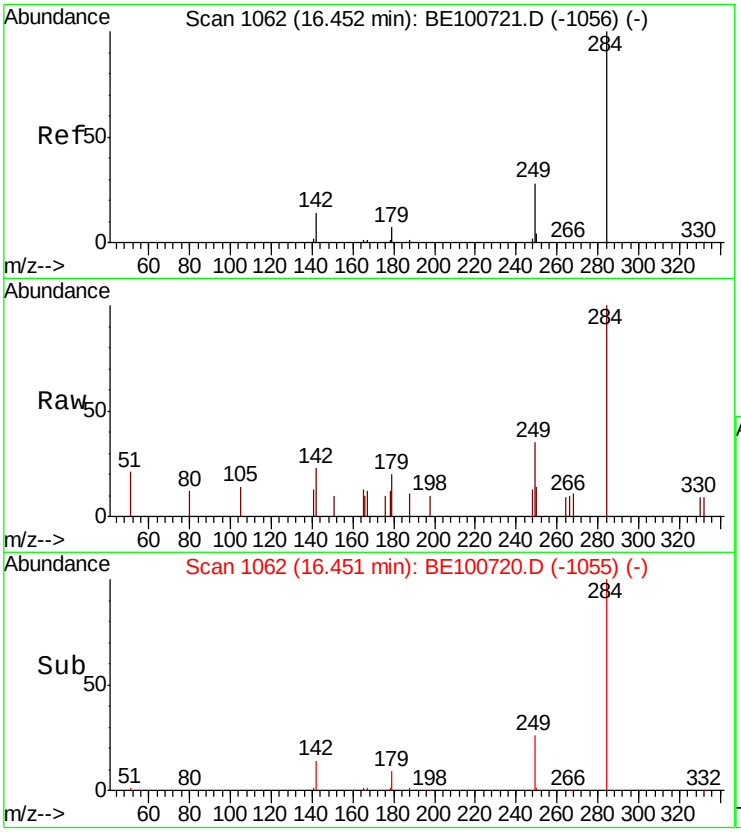


#20
4-Bromophenyl-phenylether
Concen: 0.103 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion:248 Resp: 627

Ion	Ratio	Lower	Upper
248	100		
250	94.4	77.1	115.7
141	62.0	38.6	58.0#



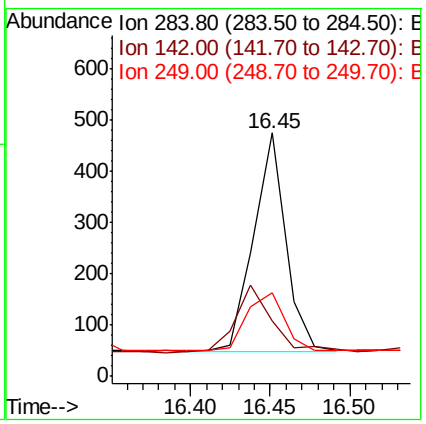


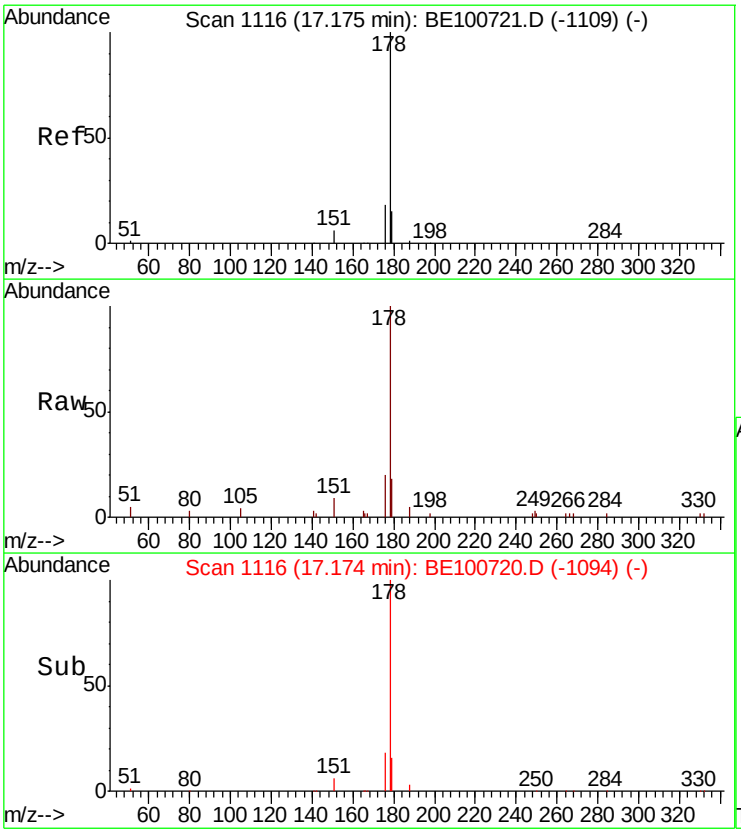
#21
Hexachlorobenzene
Concen: 0.102 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 594

Ion	Ratio	Lower	Upper
284	100		
142	35.9	28.2	42.2
249	30.8	26.5	39.7

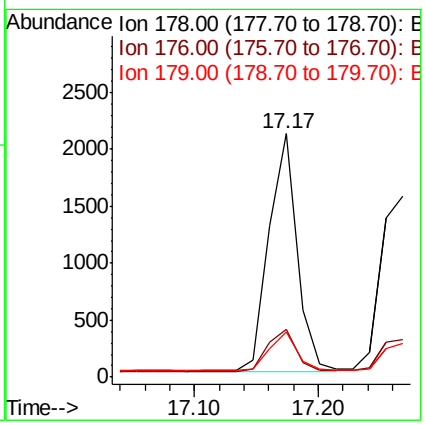


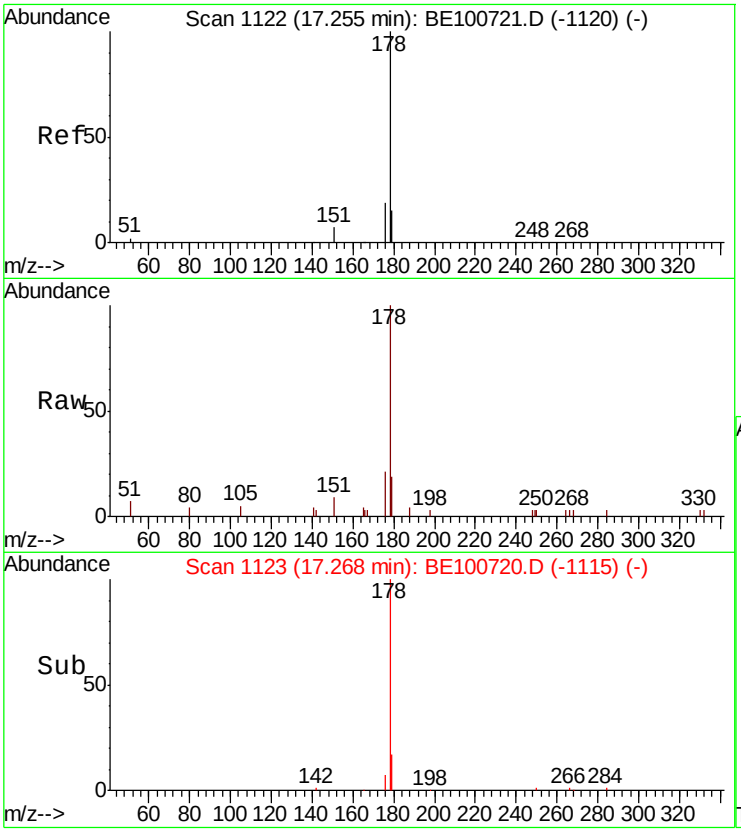


#23
Phenanthrene
Concen: 0.099 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion:178 Resp: 3276

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	17.1	12.6	18.8



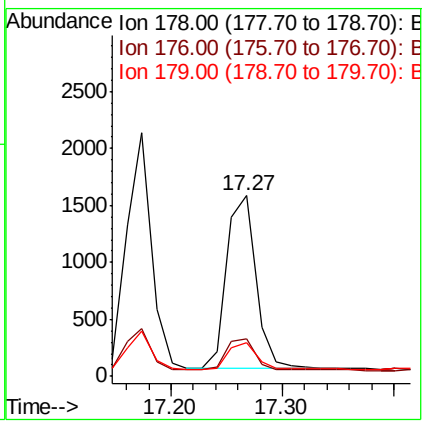


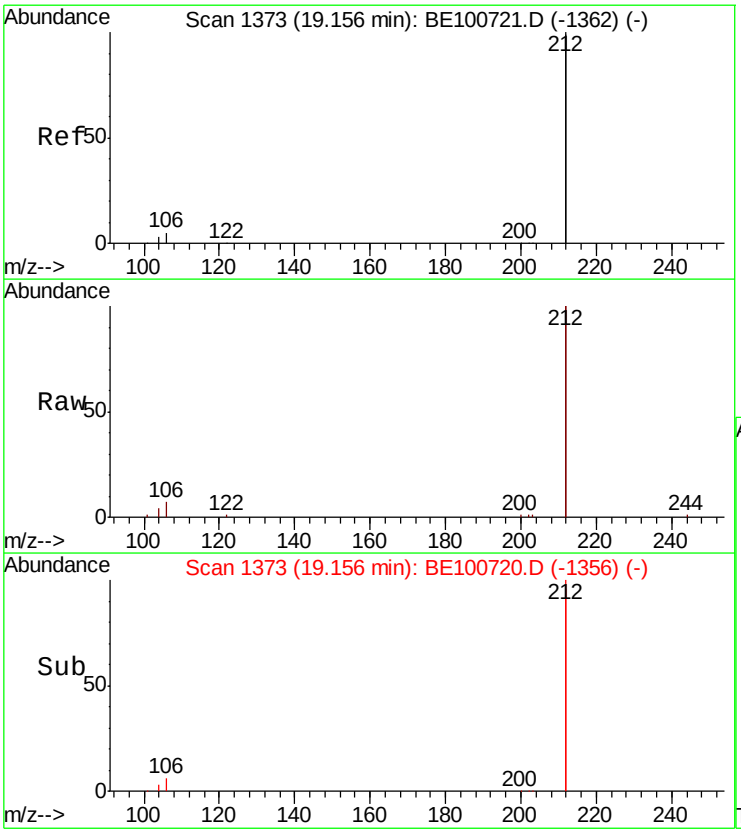
#24
Anthracene
Concen: 0.091 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 2776

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.8	12.6	18.8

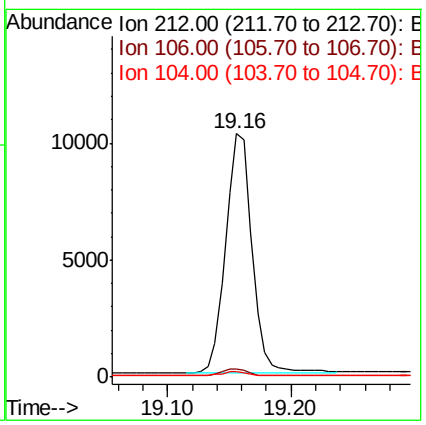


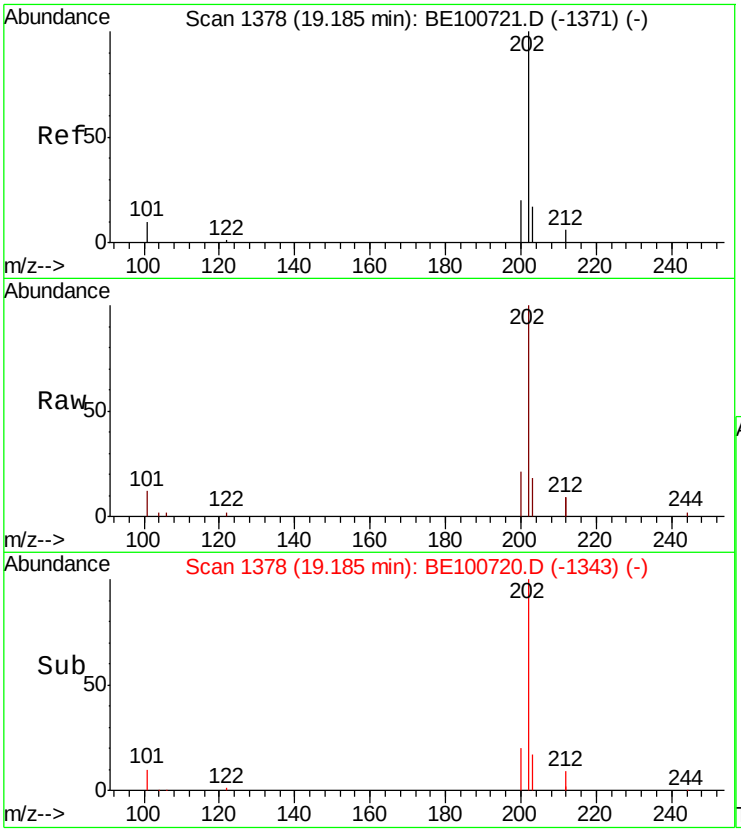


#25
Fluoranthene-d10
Concen: 0.098 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion:212 Resp: 15139

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.2	3.4
104	1.6	1.2	1.8



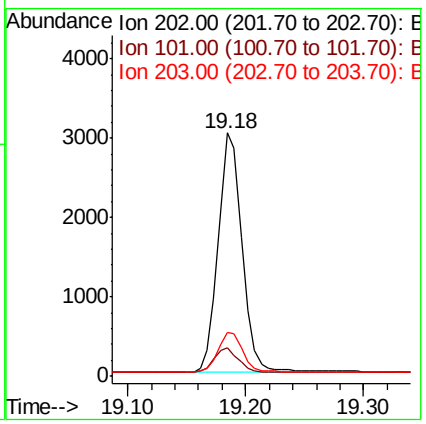


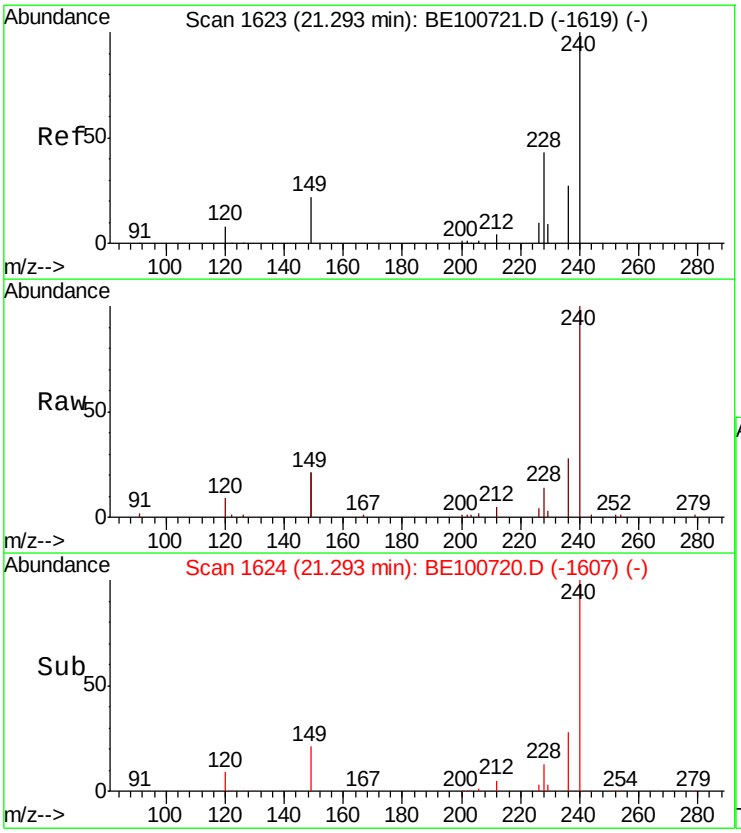
#26
Fluoranthene
Concen: 0.098 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 4229

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.6	12.8
203	17.0	13.6	20.4

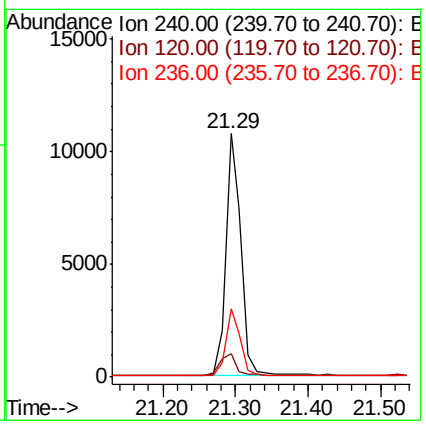


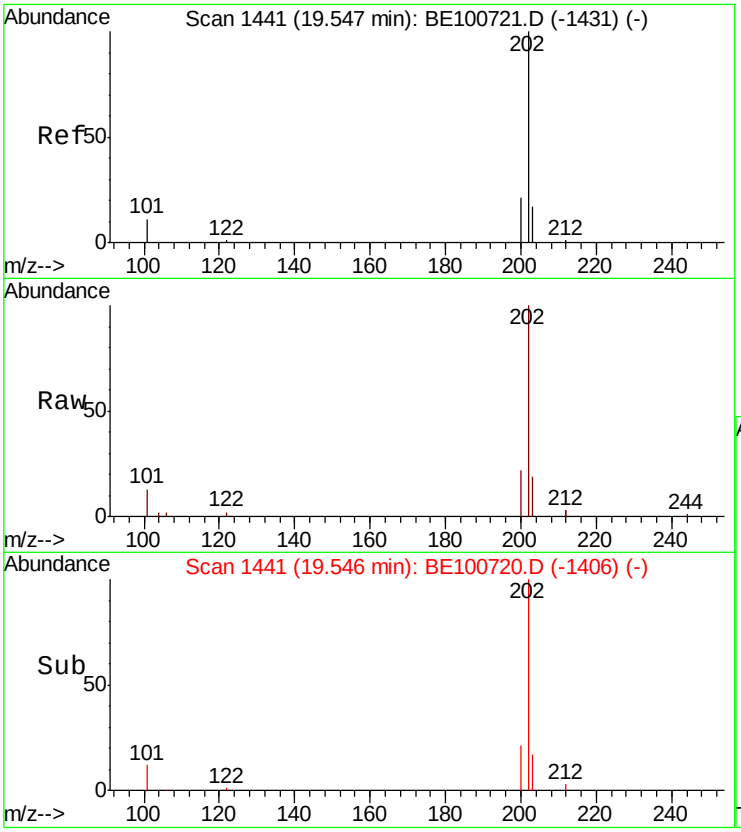


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion:240 Resp: 15917

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.4	11.0
236	27.9	21.8	32.6



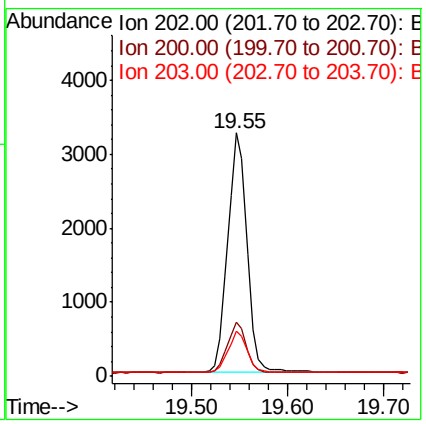


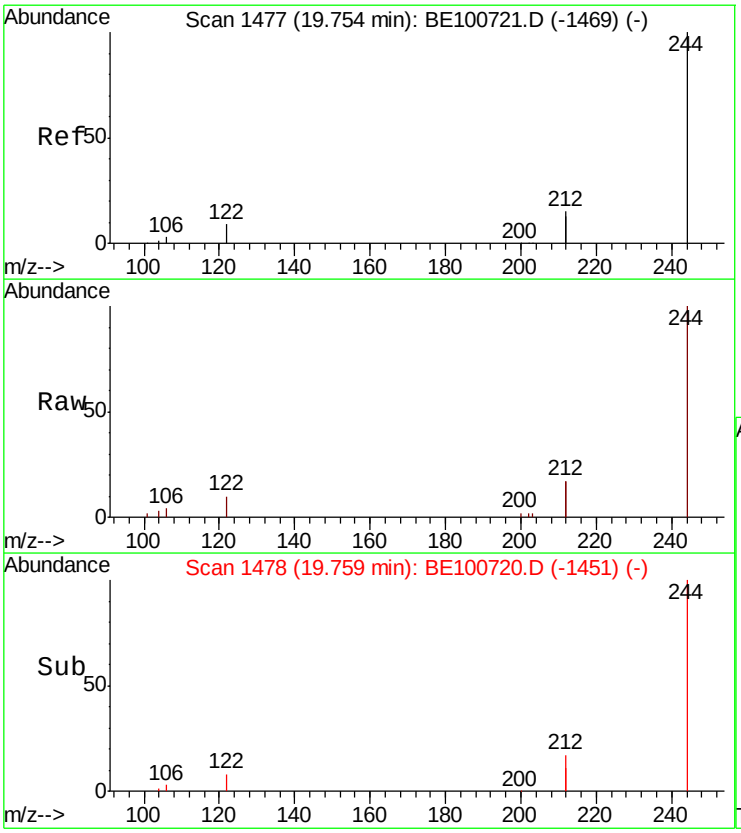
#28
Pyrene
Concen: 0.102 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 4519

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	17.0	14.0	21.0

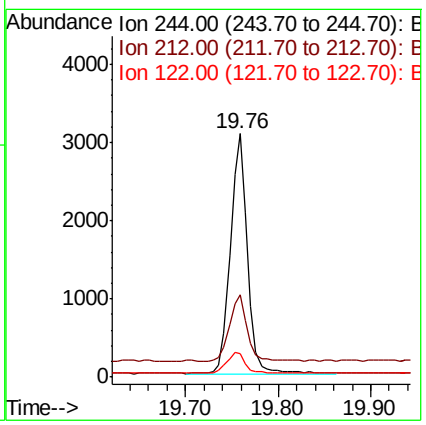


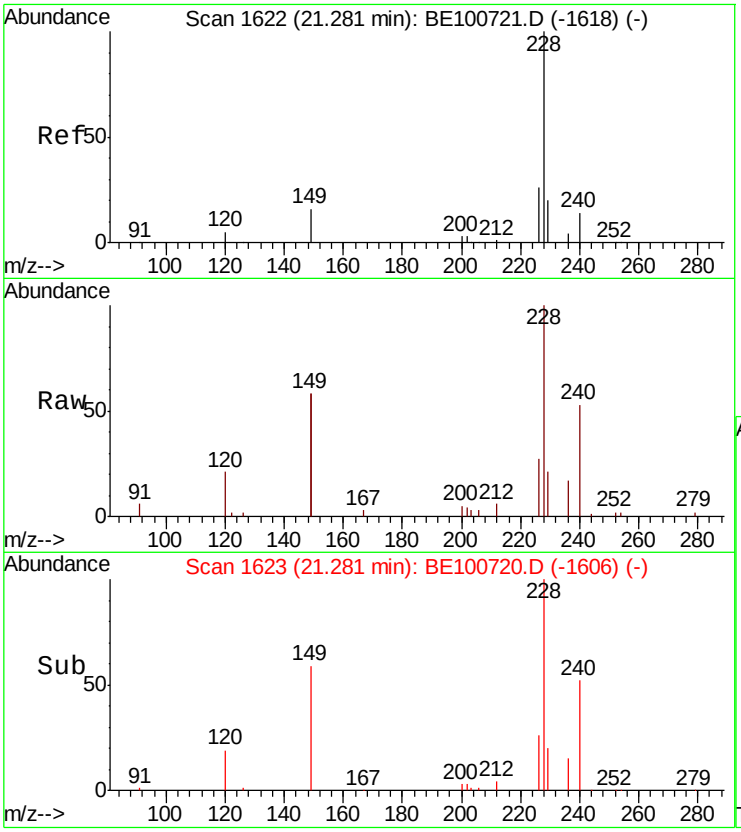


#29
Terphenyl-d14
Concen: 0.113 ng
RT: 19.76 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion:244 Resp: 3935

Ion	Ratio	Lower	Upper
244	100		
212	34.0	24.3	36.5
122	9.5	7.6	11.4



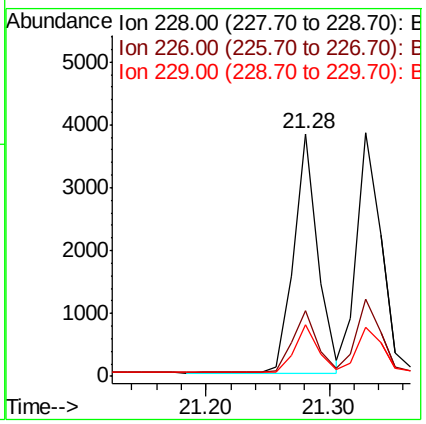


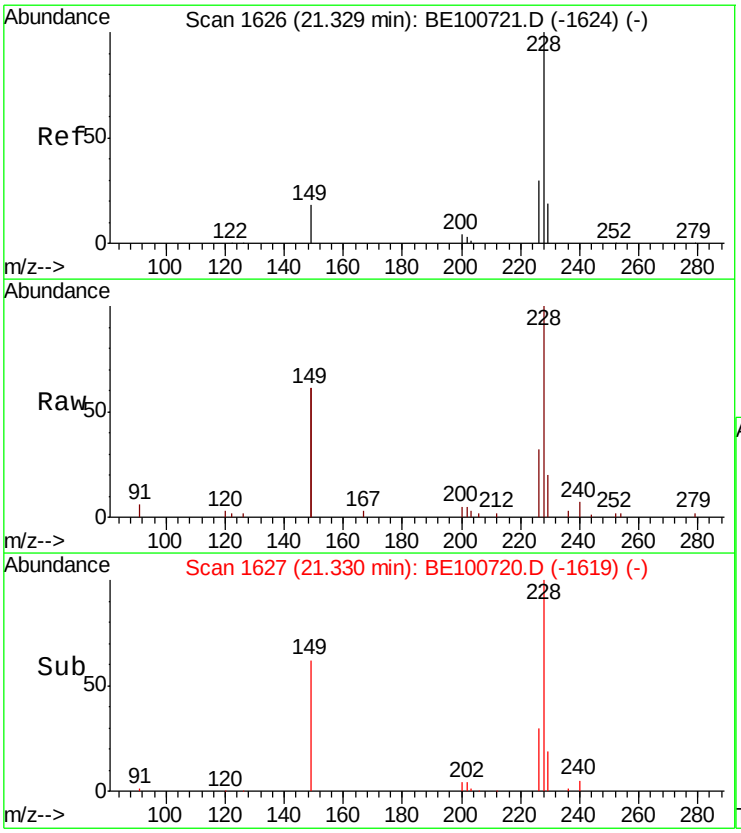
#30
Benzo(a)anthracene
Concen: 0.099 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 5128

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.1	31.7
229	21.2	15.9	23.9

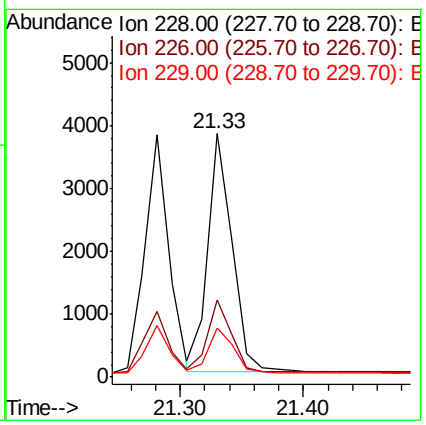


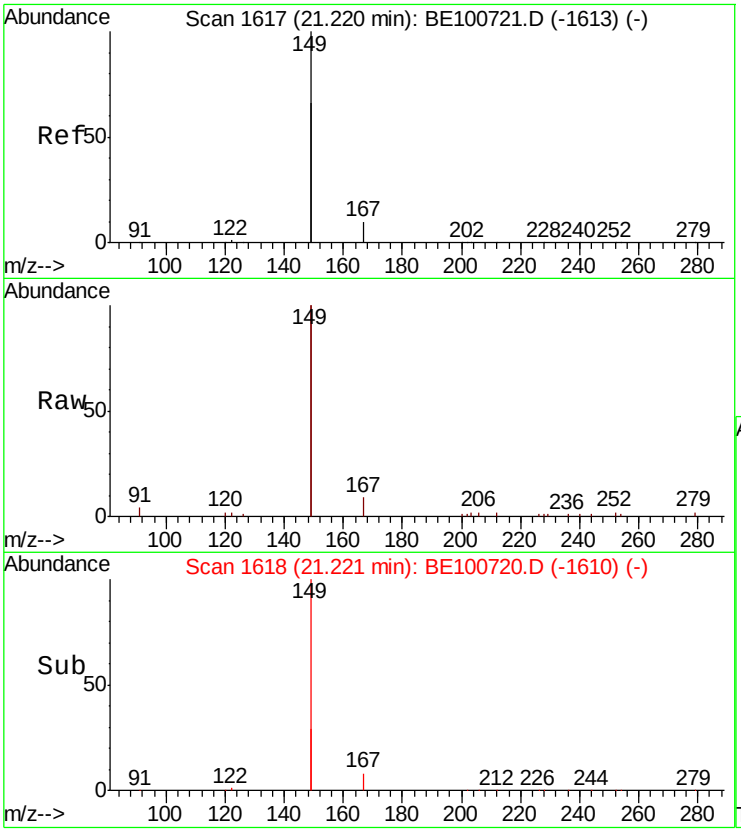


#31
Chrysene
Concen: 0.101 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion:228 Resp: 5249

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.5	36.7
229	20.2	15.5	23.3



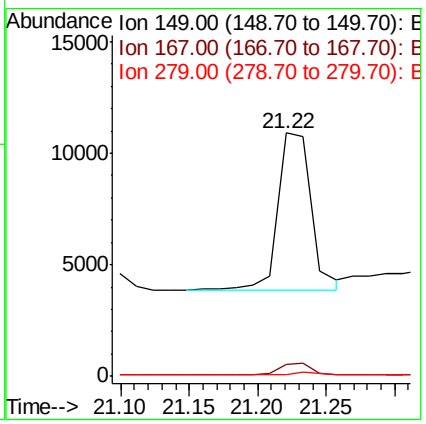


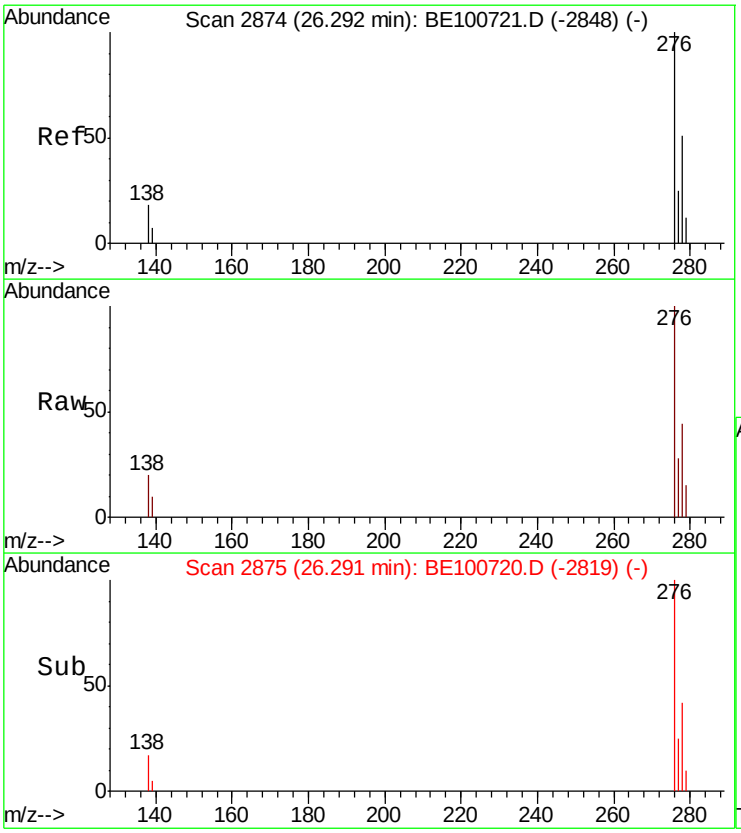
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.108 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:149 Resp: 11749

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.2	7.8
279	1.3	0.9	1.3#

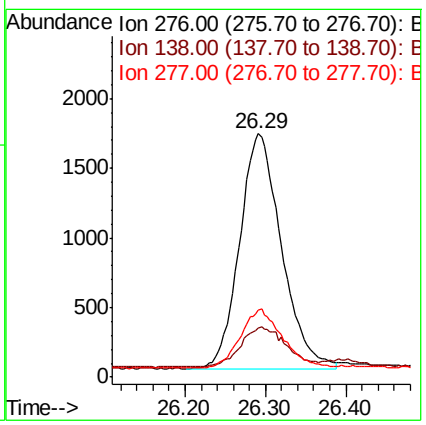


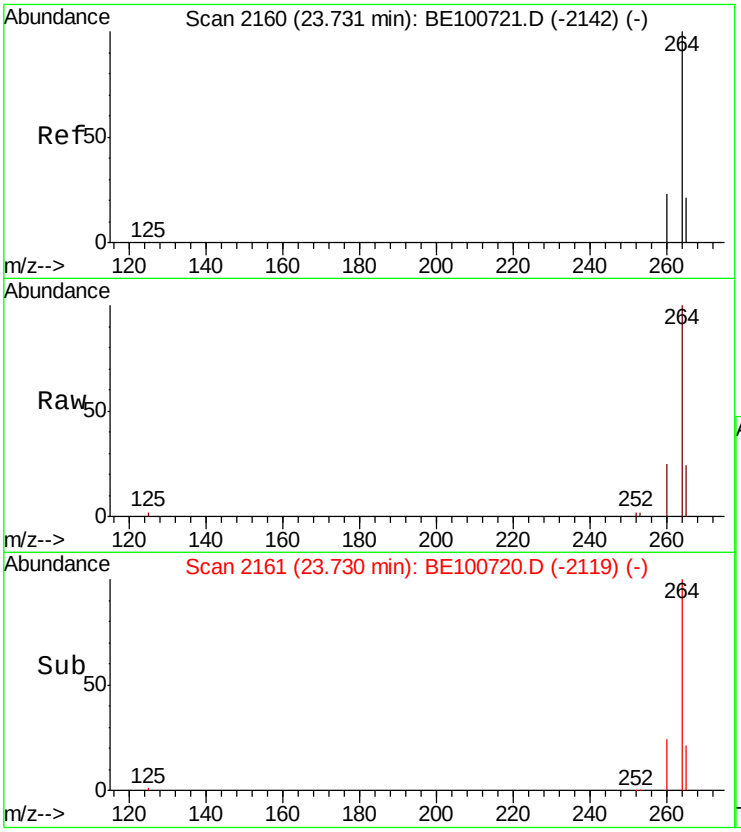


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.095 ng
RT: 26.29 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion:276 Resp: 6089

Ion	Ratio	Lower	Upper
276	100		
138	18.0	14.8	22.2
277	25.3	19.6	29.4



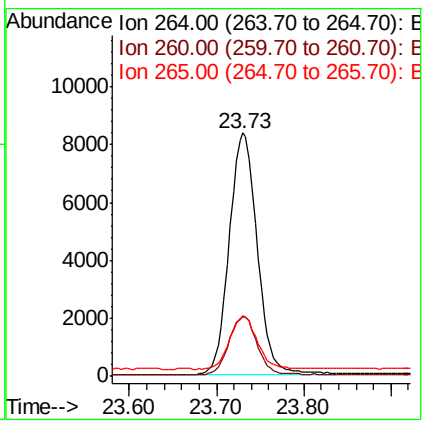


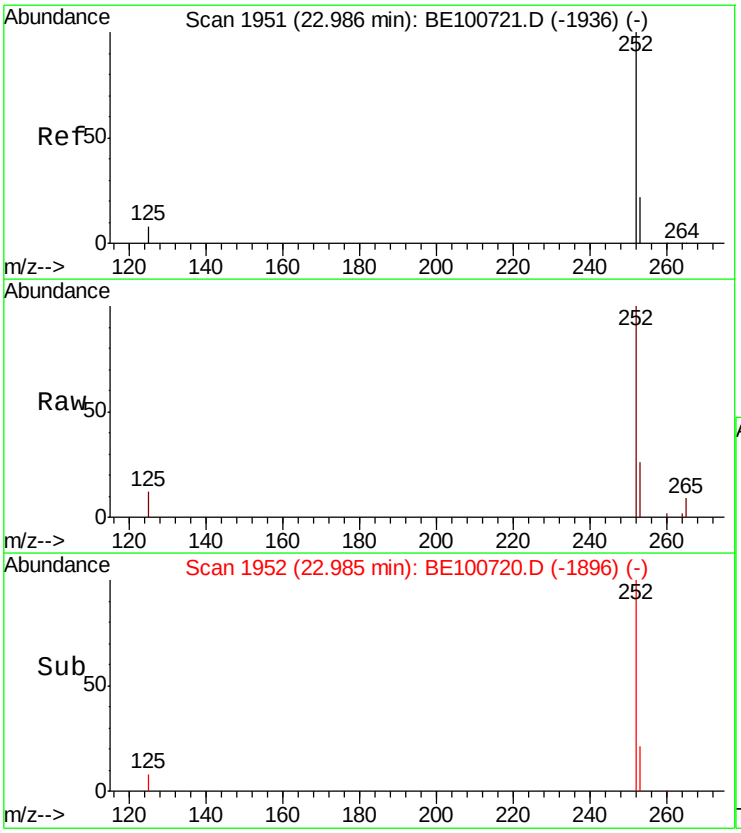
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 18586

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	24.3	19.7	29.5

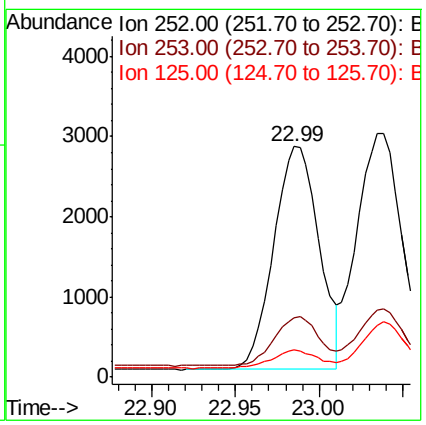


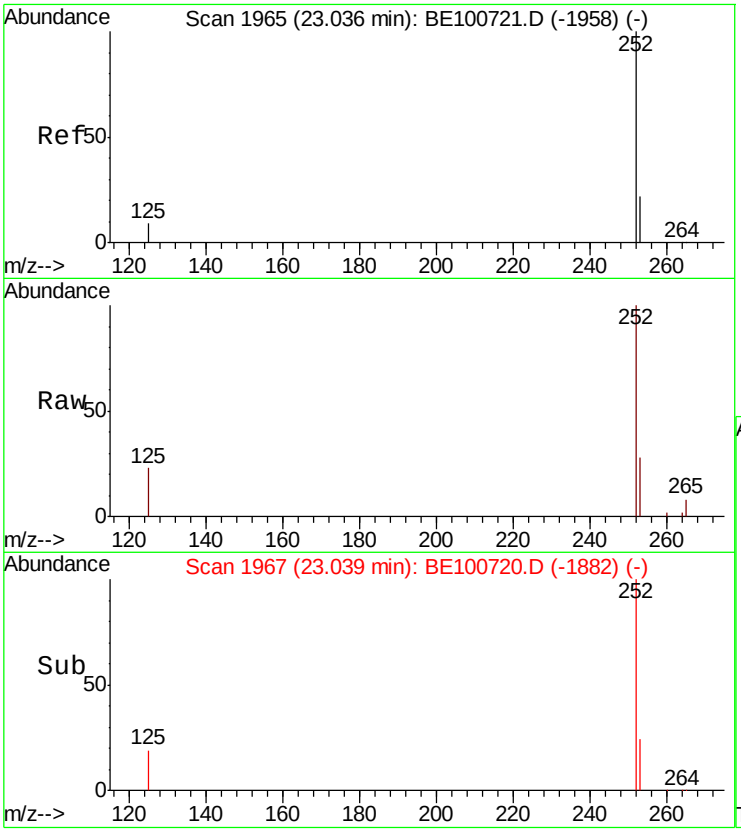


#35
Benzo(b)fluoranthene
Concen: 0.098 ng
RT: 22.99 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion:252 Resp: 5290

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.7	28.1
125	11.6	7.0	10.4#



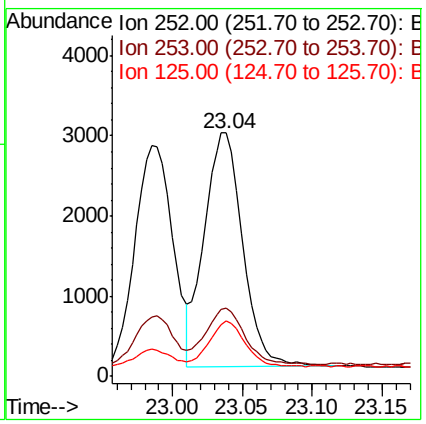


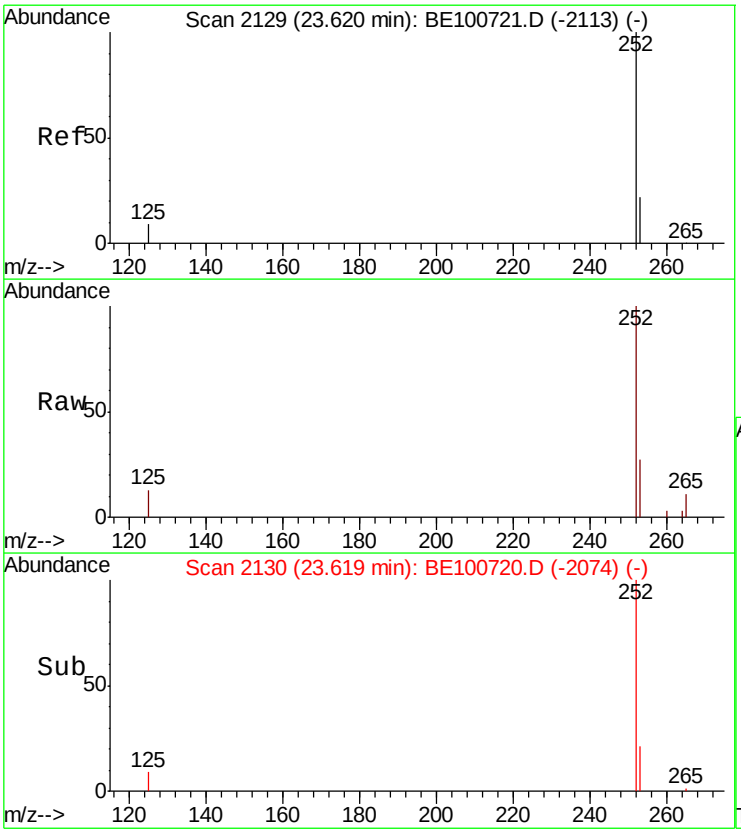
#36
Benzo(k)fluoranthene
Concen: 0.101 ng
RT: 23.04 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 5626

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.6	27.8#
125	22.6	7.6	11.4#

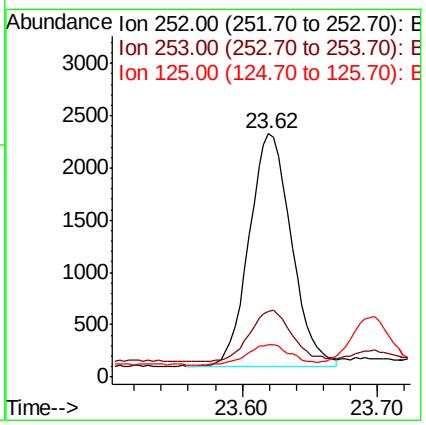


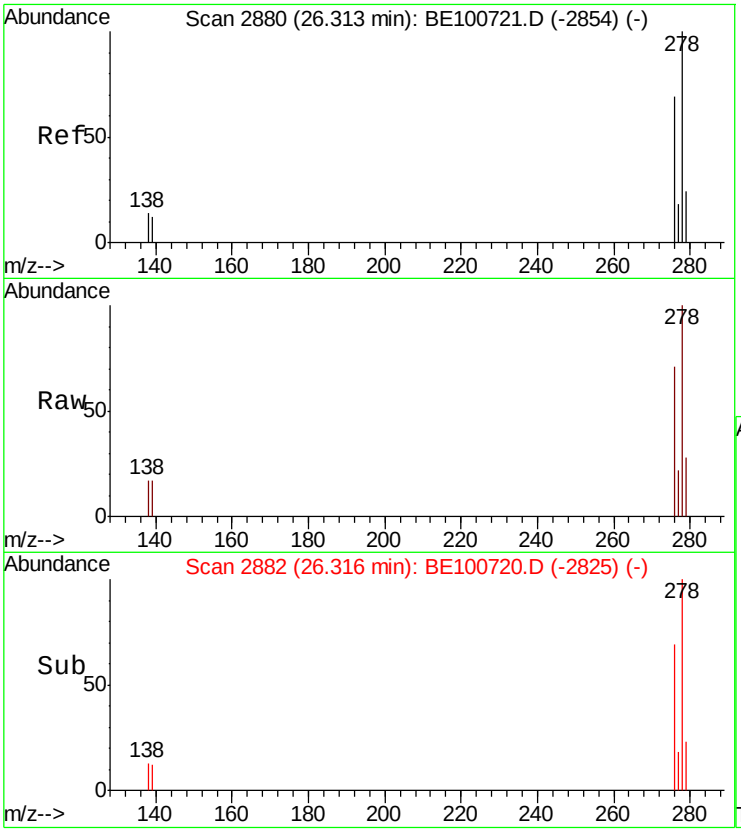


#37
Benzo(a)pyrene
Concen: 0.096 ng
RT: 23.62 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion:252 Resp: 4840

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.6	28.0
125	13.3	7.9	11.9#



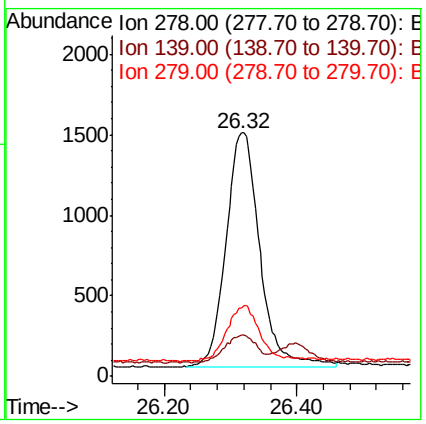


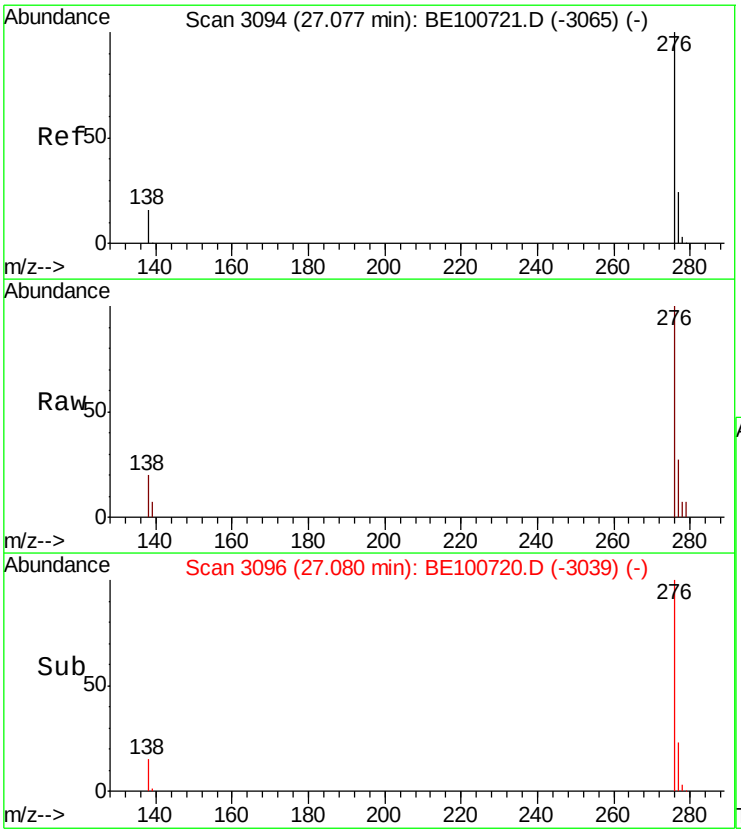
#38
Dibenzo(a,h)anthracene
Concen: 0.098 ng
RT: 26.32 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 5113

Ion	Ratio	Lower	Upper
278	100		
139	17.2	10.3	15.5#
279	28.2	20.6	31.0





#39
Benzo(g,h,i)perylene
Concen: 0.097 ng
RT: 27.08 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BE100720.D
Acq: 14 Nov 2019 14:31

Tgt Ion:276 Resp: 5091

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.8	29.6
138	19.7	13.6	20.4