Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
Data File : BE100999.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 27 22:45:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 17:39:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2436	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	12448	0.40	ng		0.00
13) Acenaphthene-d10	14.37	164	7534	0.40	ng		-0.01
19) Phenanthrene-d10	17.11	188	16643	0.40	ng		-0.01
27) Chrysene-d12	21.29	240	14128	0.40	ng		0.00
34) Perylene-d12	23.72	264	16493	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	1669	0.41	ng		0.00
5) Phenol-d6	6.95	99	1775	0.40	ng		-0.03
8) Nitrobenzene-d5	8.91	82	2188	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	7968	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	528	0.43	ng		-0.01
15) 2-Fluorobiphenyl	13.02	172	11565	0.43	ng		0.00
25) Fluoranthene-d10	19.14	212	74812	0.37	ng		0.00
29) Terphenyl-d14	19.75	244	15023	0.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	2294	0.214	ng	#	79
3) n-Nitrosodimethylamine	3.66	42	840	0.580	ng	#	76
6) bis(2-Chloroethyl)ether	7.19	93	2396	0.272	ng		87
9) Naphthalene	10.58	128	54649	0.413	ng		100
10) Hexachlorobutadiene	10.86	225	2469	0.422	ng		99
12) 2-Methylnaphthalene	12.19	142	7505	0.374	ng		99
16) Acenaphthylene	14.10	152	9841	0.349	ng		98
17) Acenaphthene	14.44	154	8449	0.413	ng		99
18) Fluorene	15.42	166	10125	0.397	ng		98
20) 4-Bromophenyl-phenylether	16.32	248	2749	0.376	ng		95
21) Hexachlorobenzene	16.43	284	3422	0.397	ng		99
22) Pentachlorophenol	16.79	266	225	0.316	ng		95
23) Phenanthrene	17.16	178	16916	0.394	ng		100
24) Anthracene	17.26	178	9879	0.228	ng		99
26) Fluoranthene	19.17	202	21471	0.367	ng		99
28) Pyrene	19.53	202	22194	0.449	ng		100
30) Benzo(a)anthracene	21.28	228	14193	0.410	ng		99
31) Chrysene	21.33	228	18636	0.289	ng		99
32) Bis(2-ethylhexyl)phthalate	21.21	149	23149	0.377	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.28	276	20156	0.416	ng		99
35) Benzo(b)fluoranthene	22.98	252	15606	0.449	ng		100
36) Benzo(k)fluoranthene	23.03	252	26818	0.407	ng		99
37) Benzo(a)pyrene	23.61	252	15907	0.392	ng		97
38) Dibenzo(a,h)anthracene	26.31	278	13083	0.356	ng		95
39) Benzo(g,h,i)perylene	27.06	276	19106	0.442	ng		100

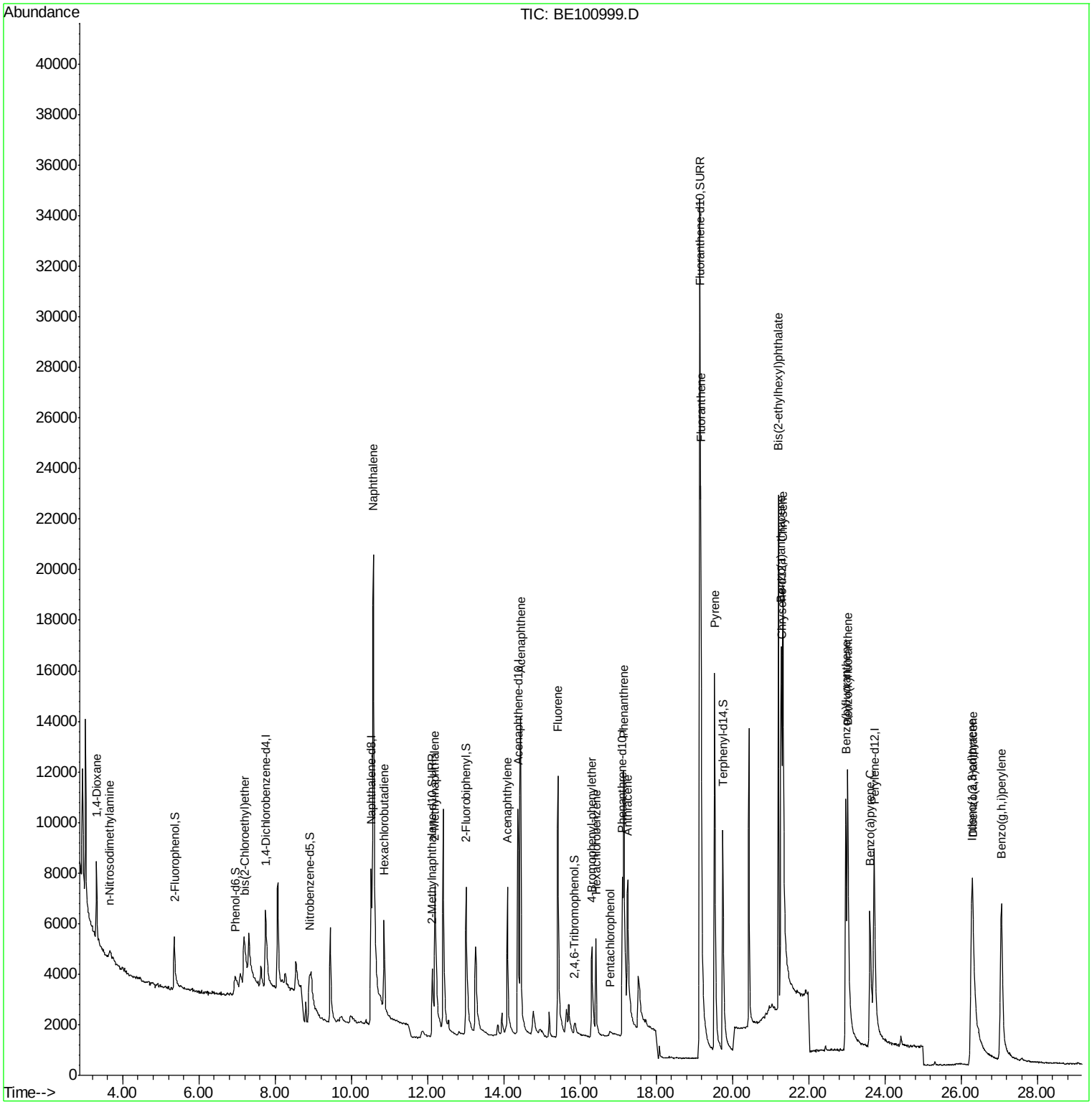
(#) = qualifier out of range (m) = manual integration (+) = signals summed

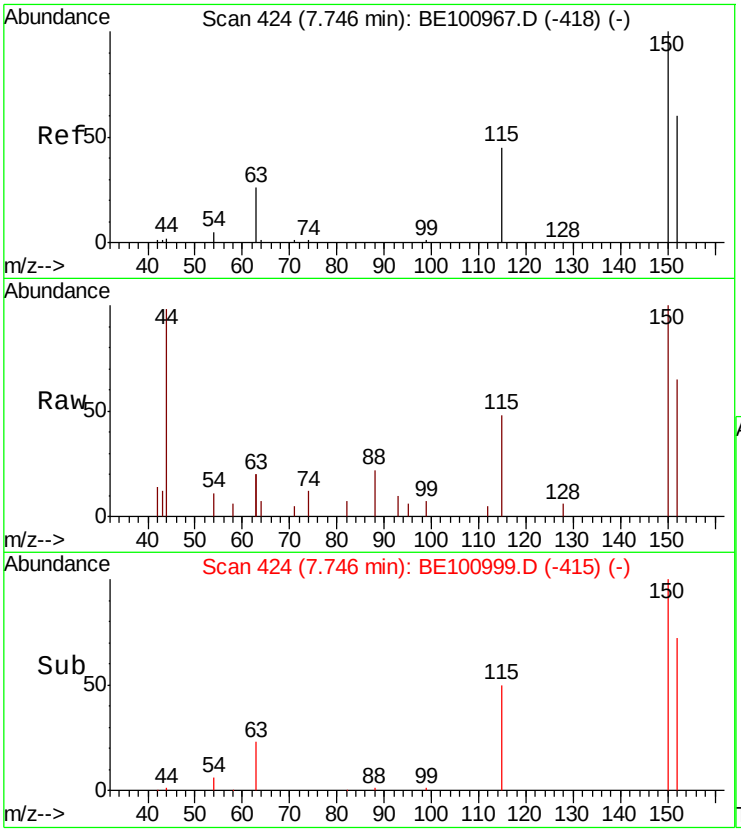
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
Data File : BE100999.D
Acq On : 27 Dec 2019 18:44
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 27 22:45:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 17:39:05 2019
Response via : Initial Calibration



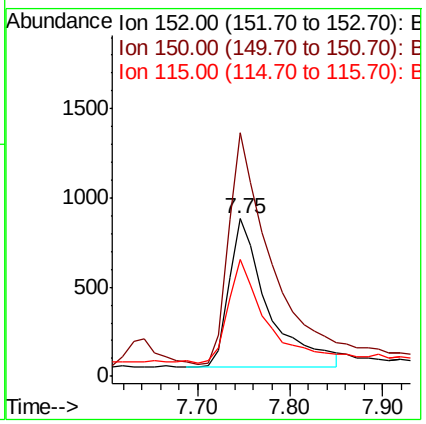


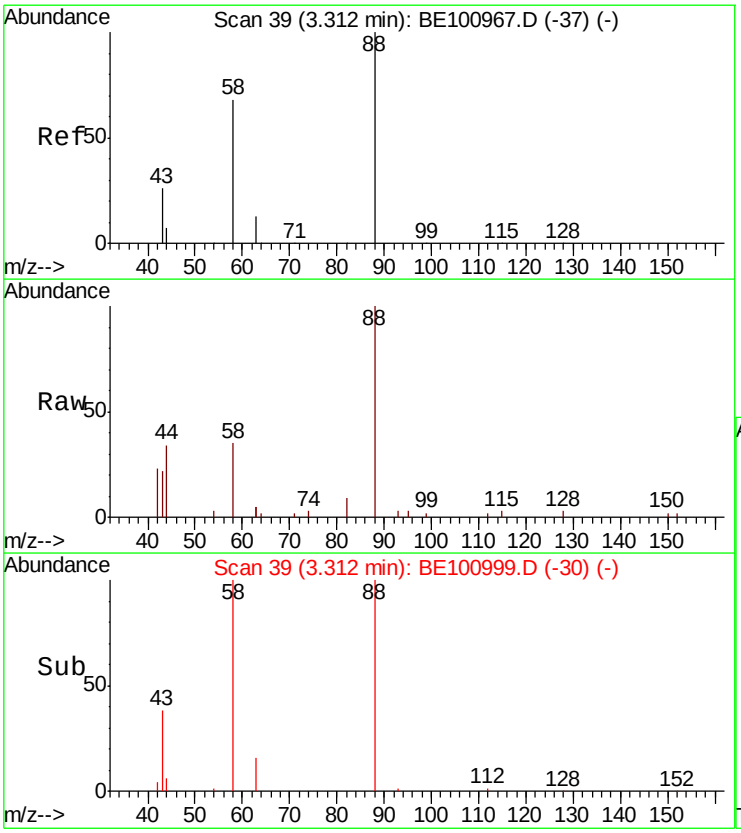
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. -0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2436

Ion	Ratio	Lower	Upper
152	100		
150	154.6	132.6	199.0
115	73.8	64.1	96.1

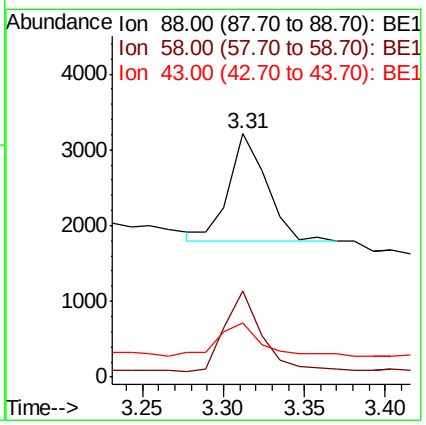


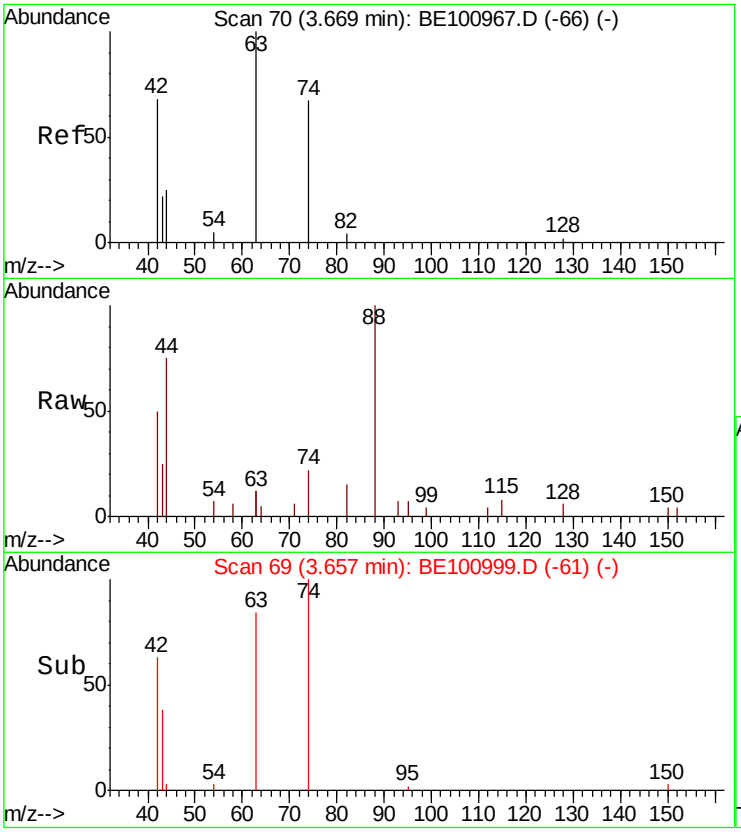


#2
1,4-Dioxane
Concen: 0.214 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion: 88 Resp: 2294

Ion	Ratio	Lower	Upper
88	100		
58	72.3	44.2	66.4#
43	34.8	21.0	31.6#



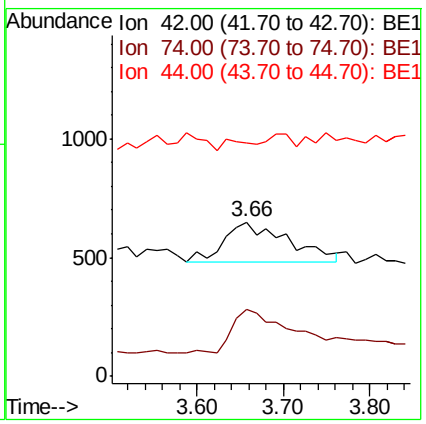


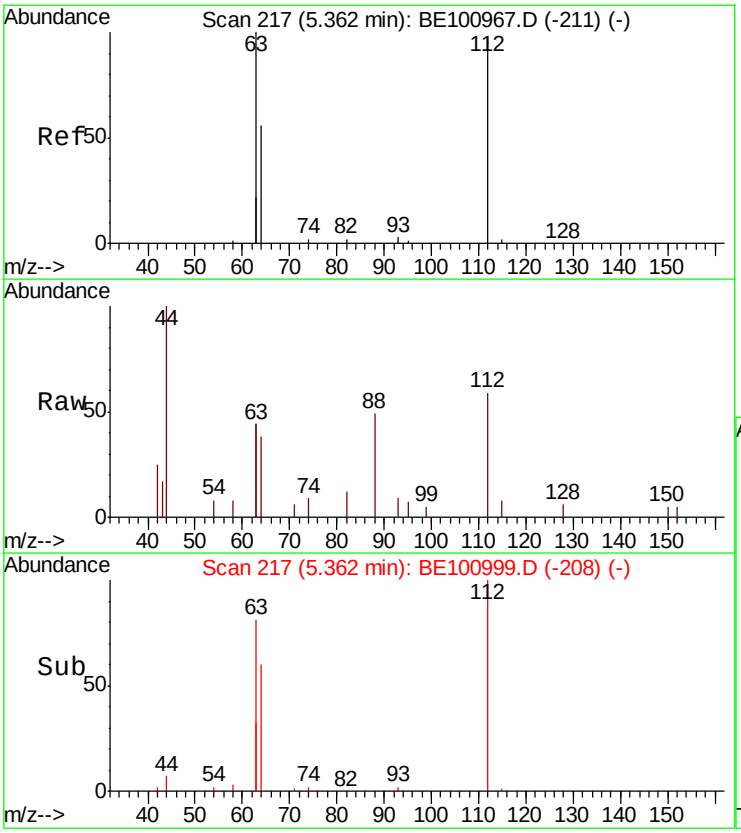
#3
n-Nitrosodimethylamine
Concen: 0.580 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 840

Ion	Ratio	Lower	Upper
42	100		
74	115.7	116.6	174.8#
44	0.0	0.0	0.0

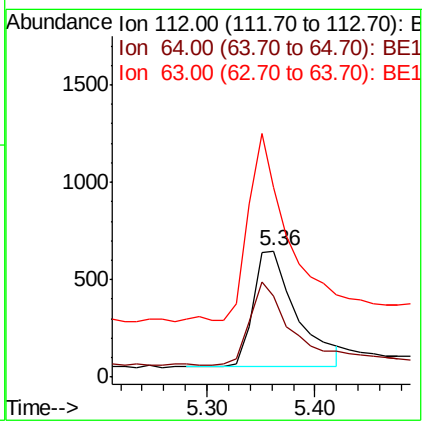


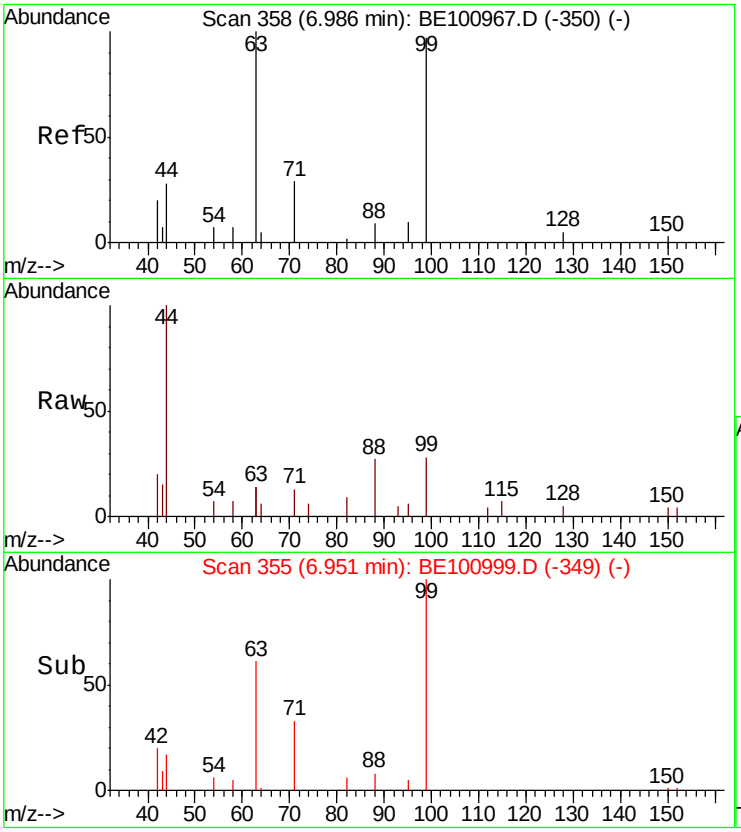


#4
2-Fluorophenol
Concen: 0.405 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:112 Resp: 1669

Ion	Ratio	Lower	Upper
112	100		
64	65.7	59.0	88.6
63	146.7	121.4	182.0



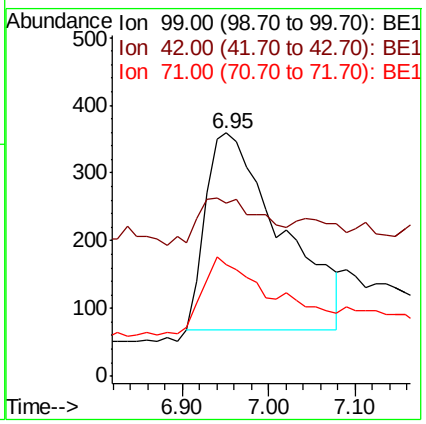


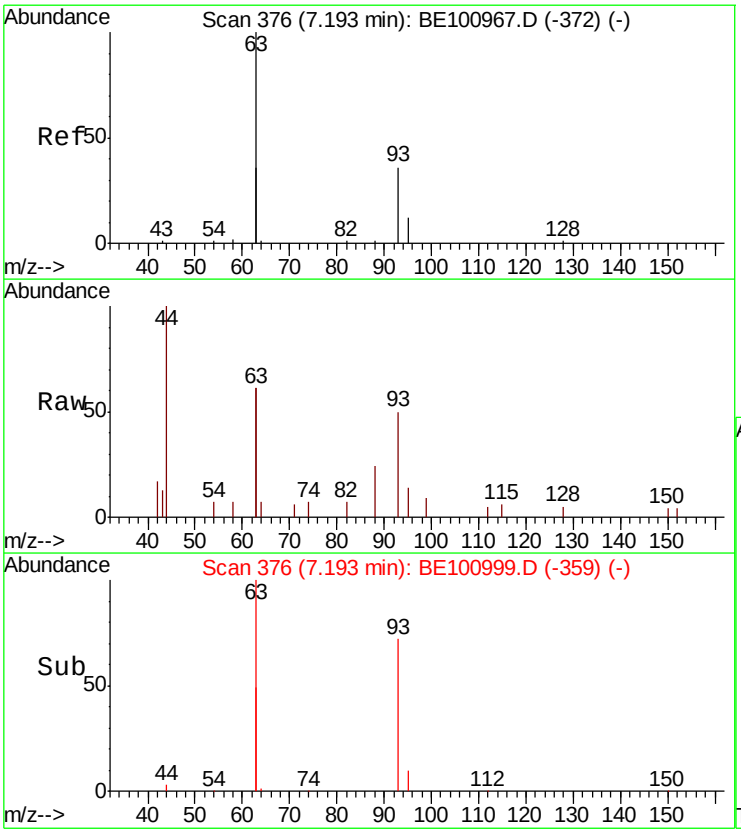
#5
Phenol-d6
Concen: 0.402 ng
RT: 6.95 min Scan# 355
Delta R.T. -0.03 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1775

Ion	Ratio	Lower	Upper
99	100		
42	18.1	0.0	0.0#
71	31.2	0.0	0.0#

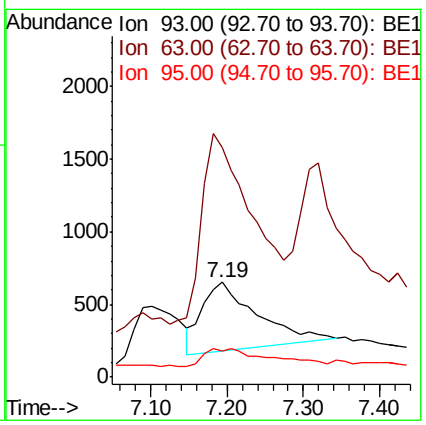


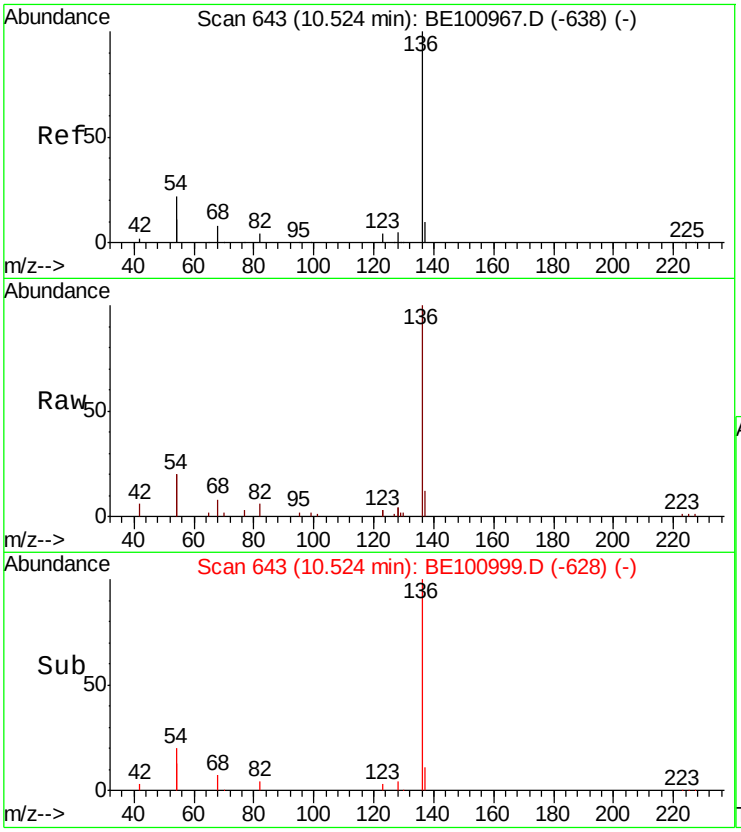


#6
bis(2-Chloroethyl)ether
Concen: 0.272 ng
RT: 7.19 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion: 93 Resp: 2396

Ion	Ratio	Lower	Upper
93	100		
63	258.2	228.3	342.5
95	30.6	25.9	38.9



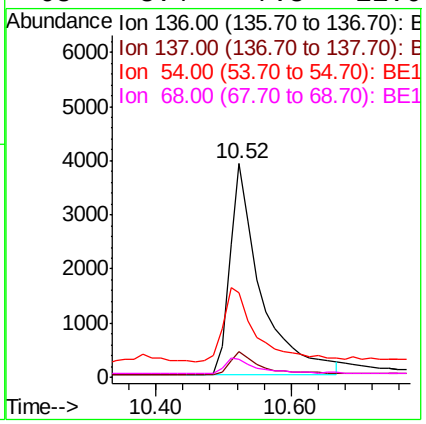


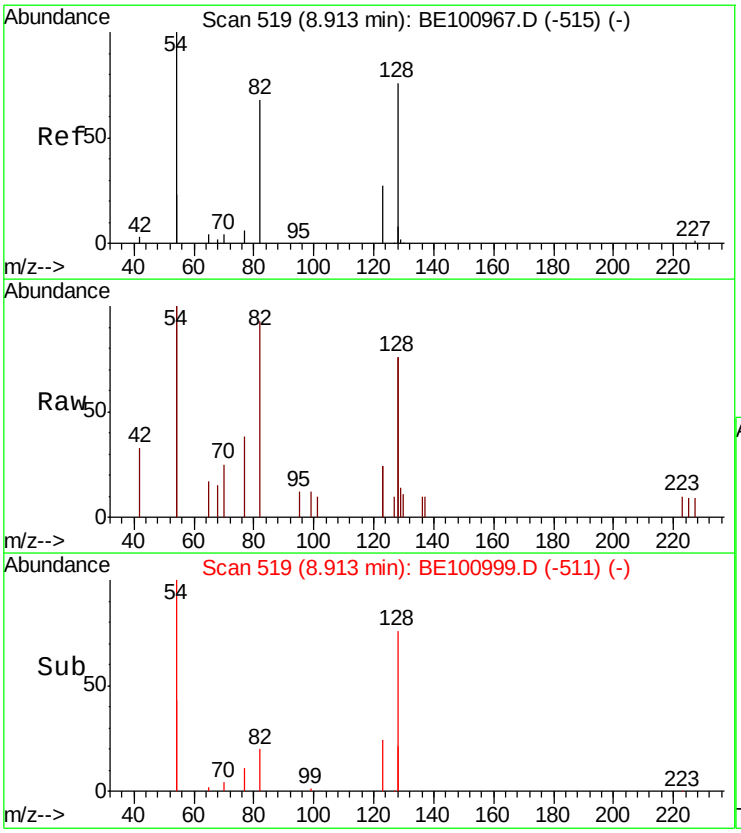
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 12448

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.0	13.6
54	39.8	34.4	51.6
68	8.4	7.8	11.6

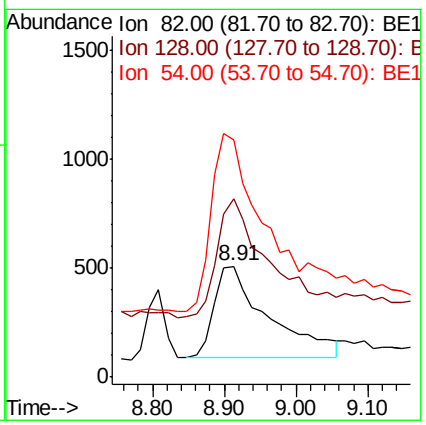


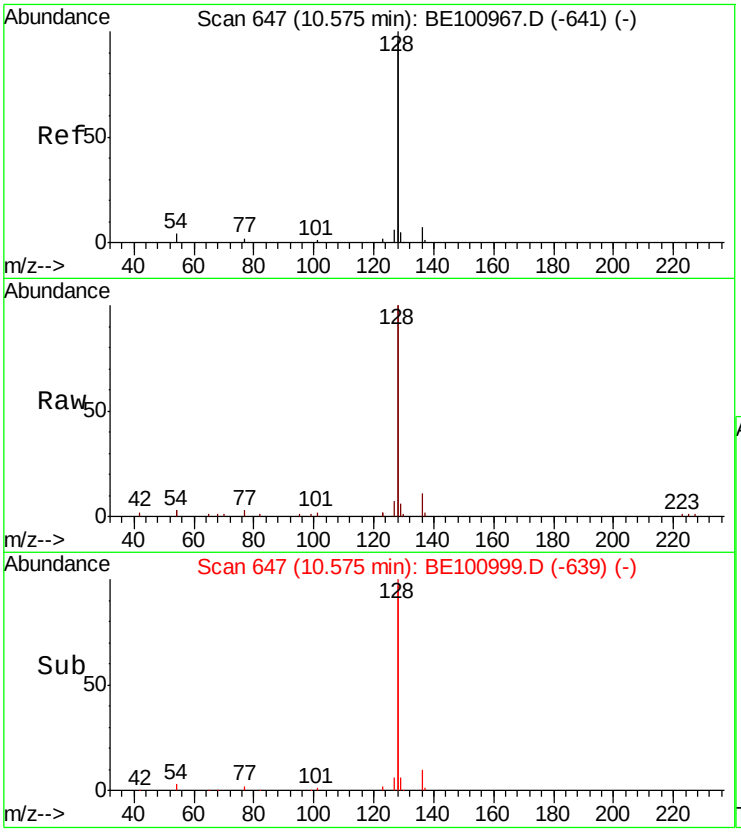


#8
Nitrobenzene-d5
Concen: 0.445 ng
RT: 8.91 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion: 82 Resp: 2188

Ion	Ratio	Lower	Upper
82	100		
128	161.7	140.2	210.2
54	214.2	183.8	275.6



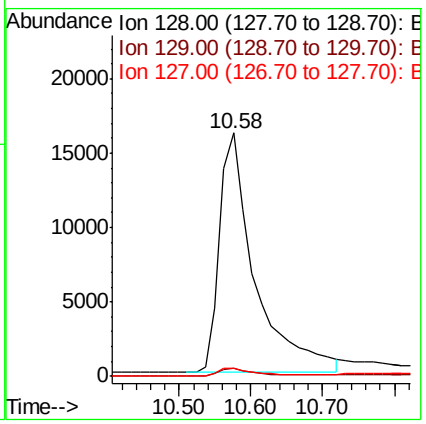


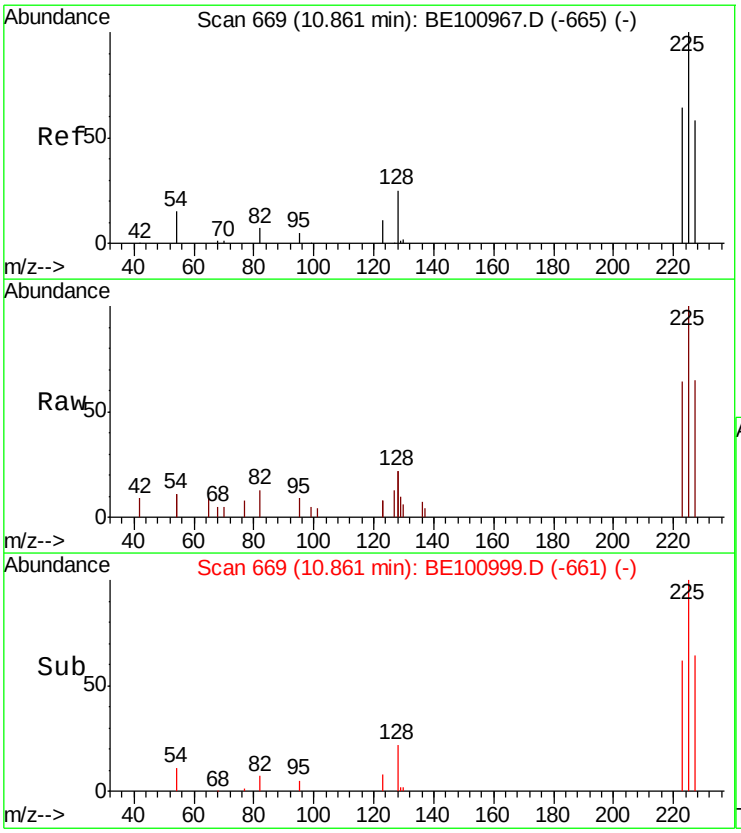
#9
Naphthalene
Concen: 0.413 ng
RT: 10.58 min Scan# 647
Delta R.T. 0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 54649

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.3	2.8	4.2

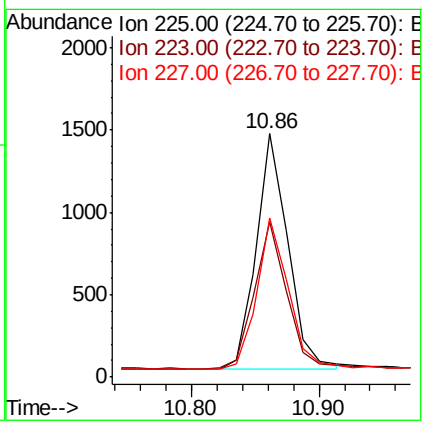


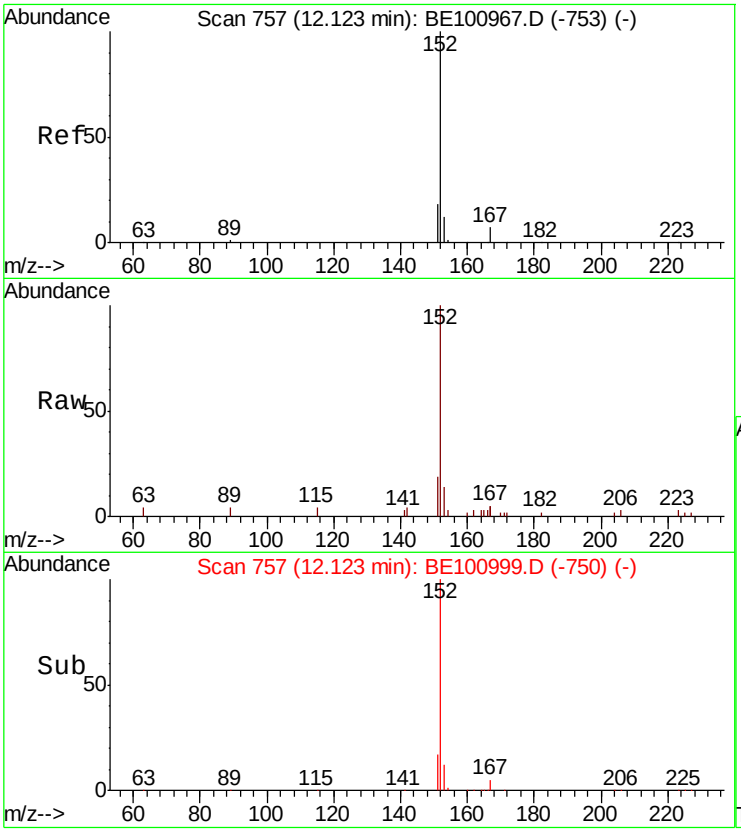


#10
Hexachlorobutadiene
Concen: 0.422 ng
RT: 10.86 min Scan# 669
Delta R.T. 0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:225 Resp: 2469

Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.4	77.0
227	63.4	50.2	75.2



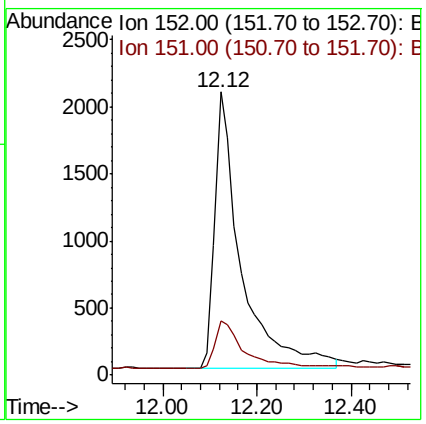


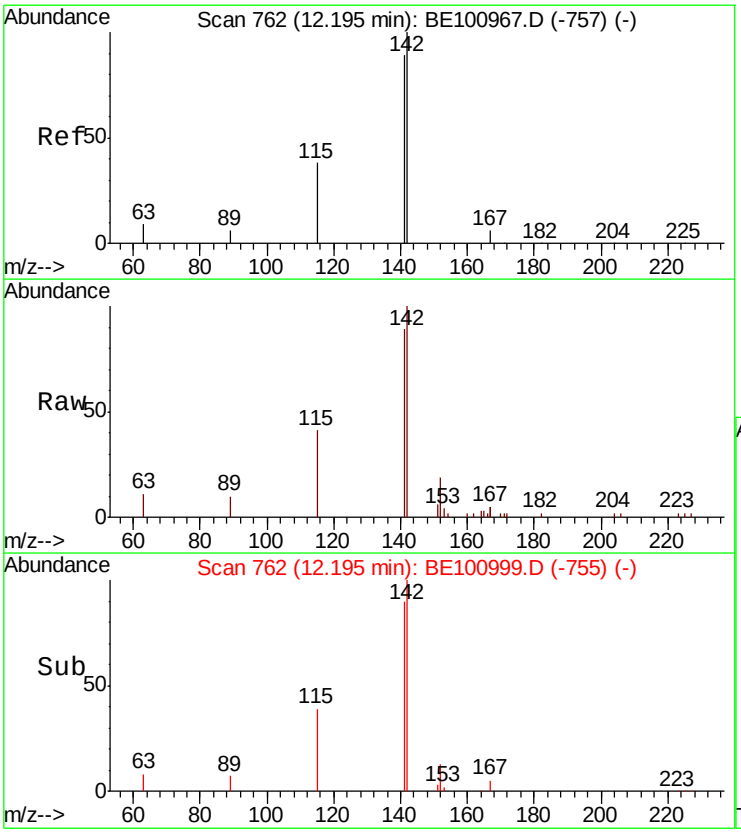
#11
2-Methylnaphthalene-d10
Concen: 0.436 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7968

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.1	22.7

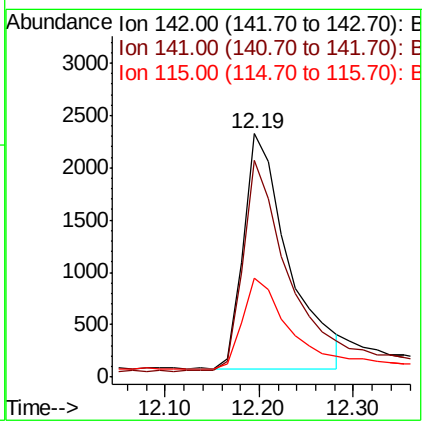


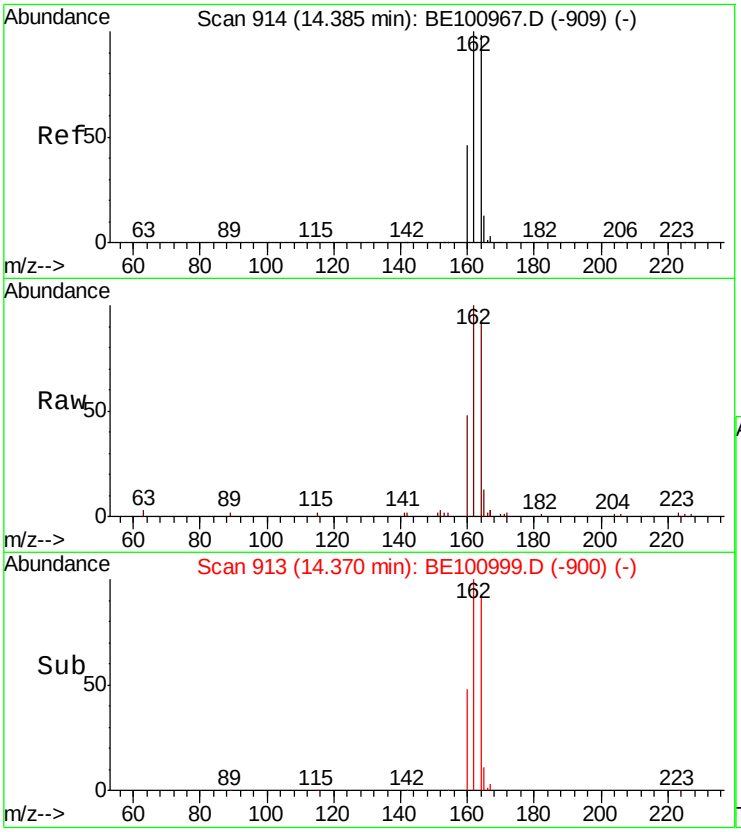


#12
2-Methylnaphthalene
Concen: 0.374 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:142 Resp: 7505

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	40.8	32.0	48.0



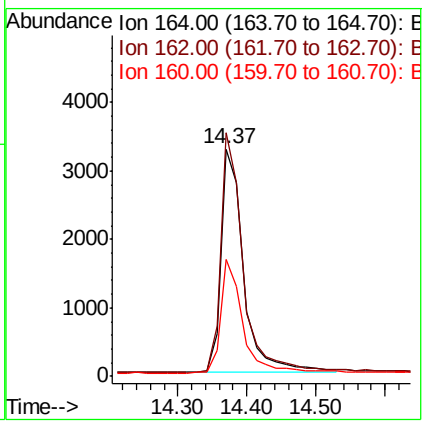


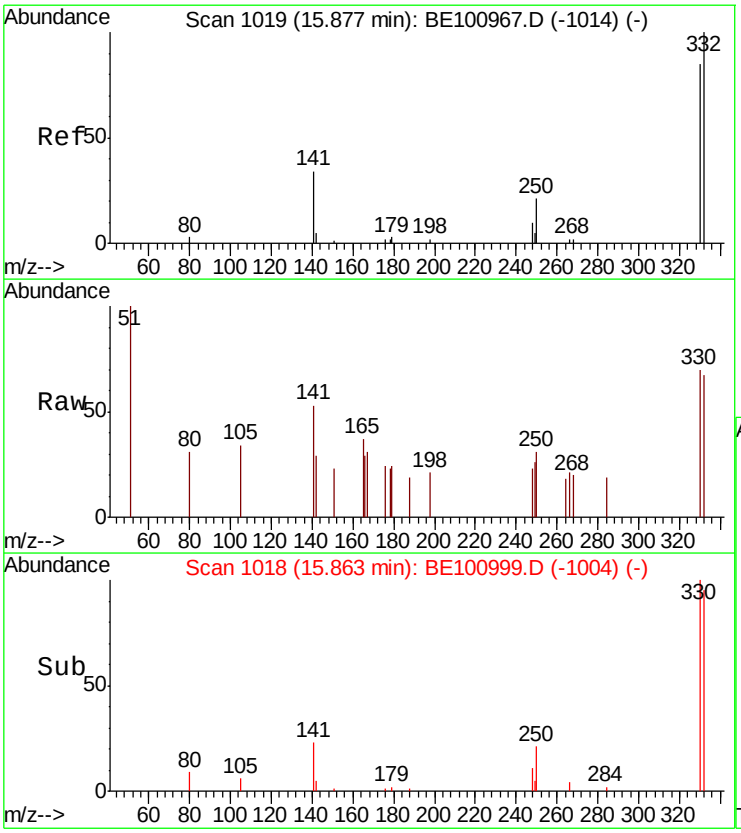
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 7534

Ion	Ratio	Lower	Upper
164	100		
162	107.1	81.6	122.4
160	51.7	37.7	56.5

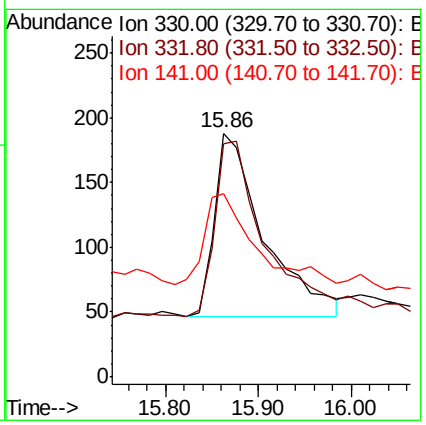


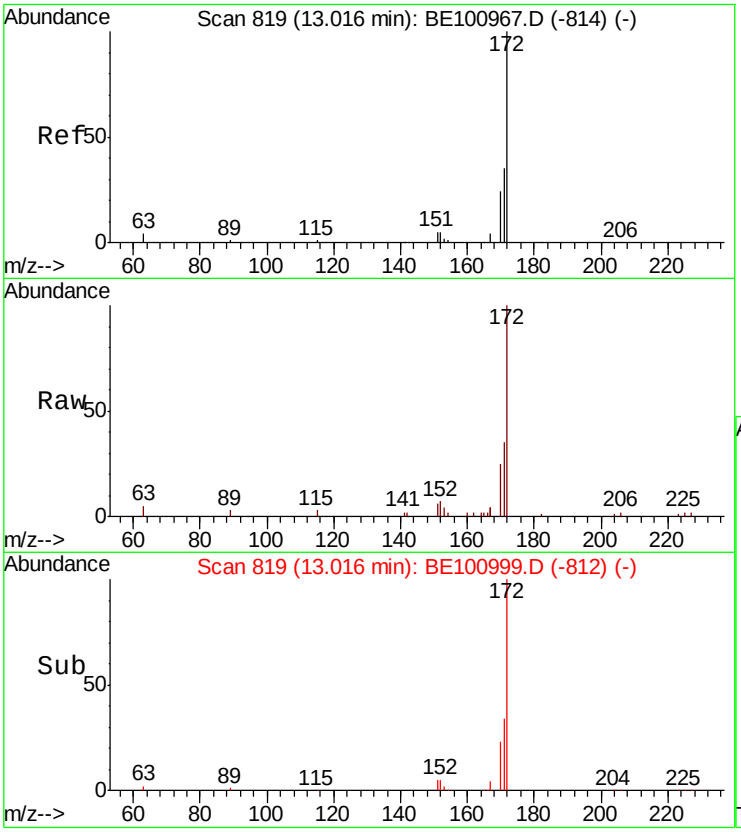


#14
2,4,6-Tribromophenol
Concen: 0.427 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:330 Resp: 528

Ion	Ratio	Lower	Upper
330	100		
332	101.3	72.4	108.6
141	50.0	25.4	38.2#



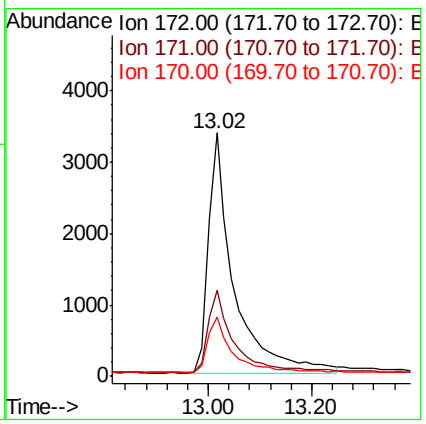


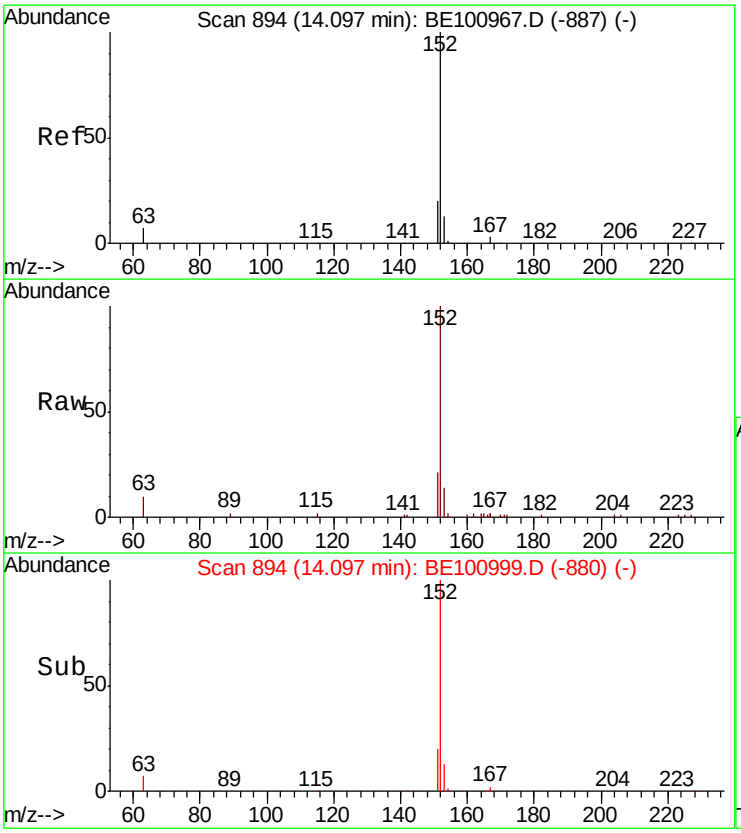
#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 11565

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	24.6	20.0	30.0

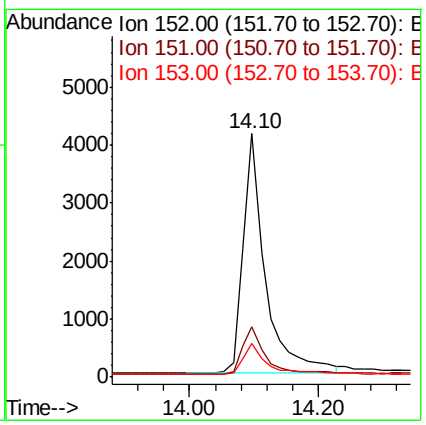


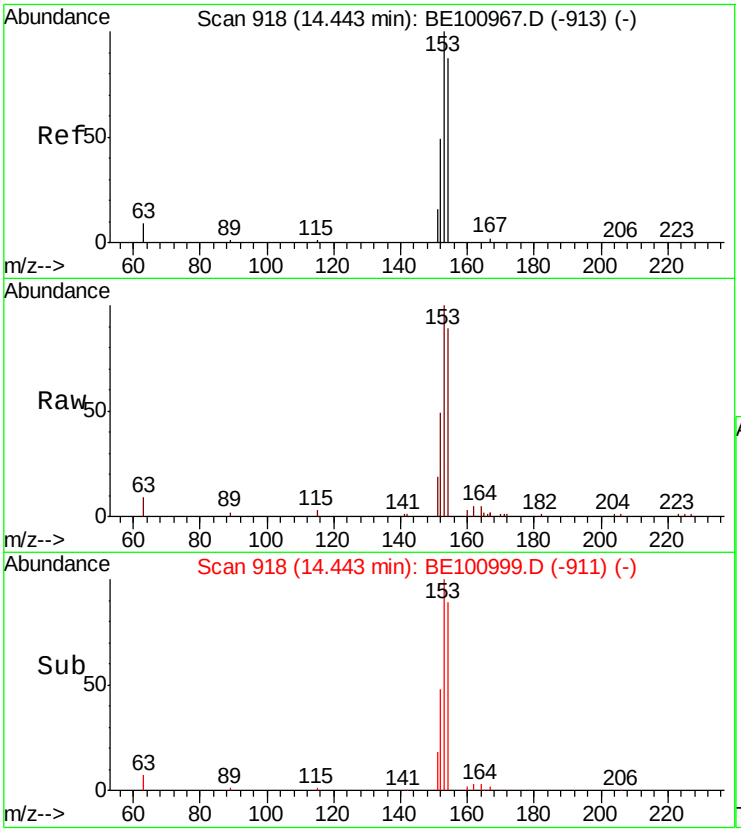


#16
Acenaphthylene
Concen: 0.349 ng
RT: 14.10 min Scan# 894
Delta R.T. 0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:152 Resp: 9841

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.5	23.3
153	13.6	10.5	15.7



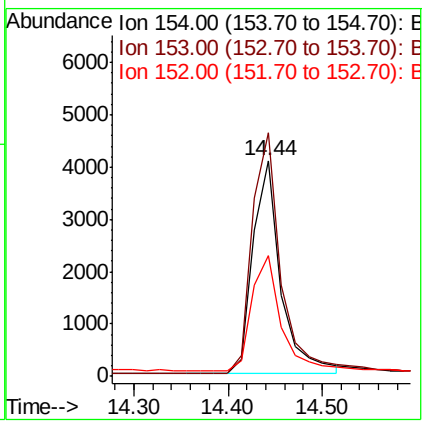


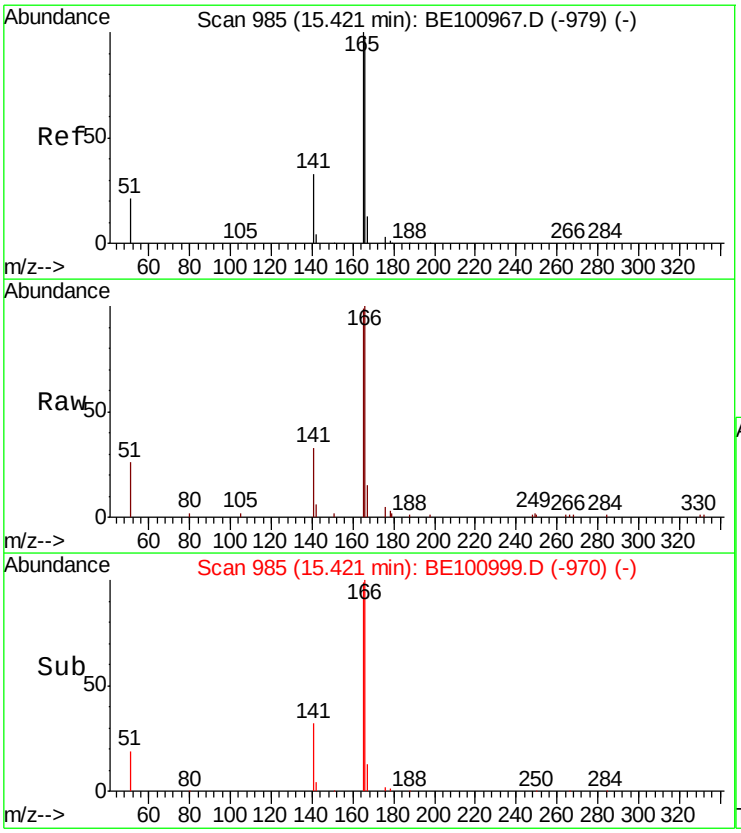
#17
Acenaphthene
Concen: 0.413 ng
RT: 14.44 min Scan# 918
Delta R.T. 0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 8449

Ion	Ratio	Lower	Upper
154	100		
153	115.4	91.7	137.5
152	56.5	44.5	66.7

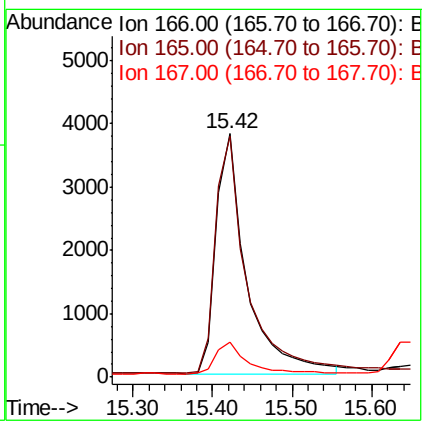


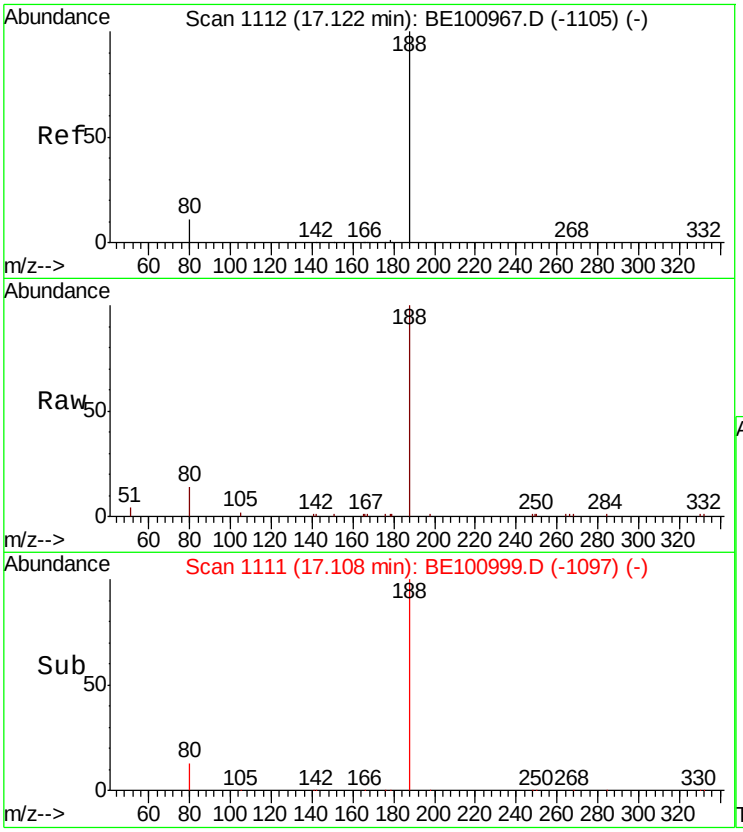


#18
Fluorene
Concen: 0.397 ng
RT: 15.42 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:166 Resp: 10125

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.4	119.0
167	13.4	10.6	15.8



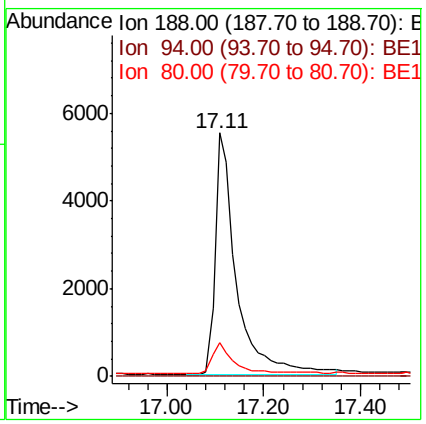


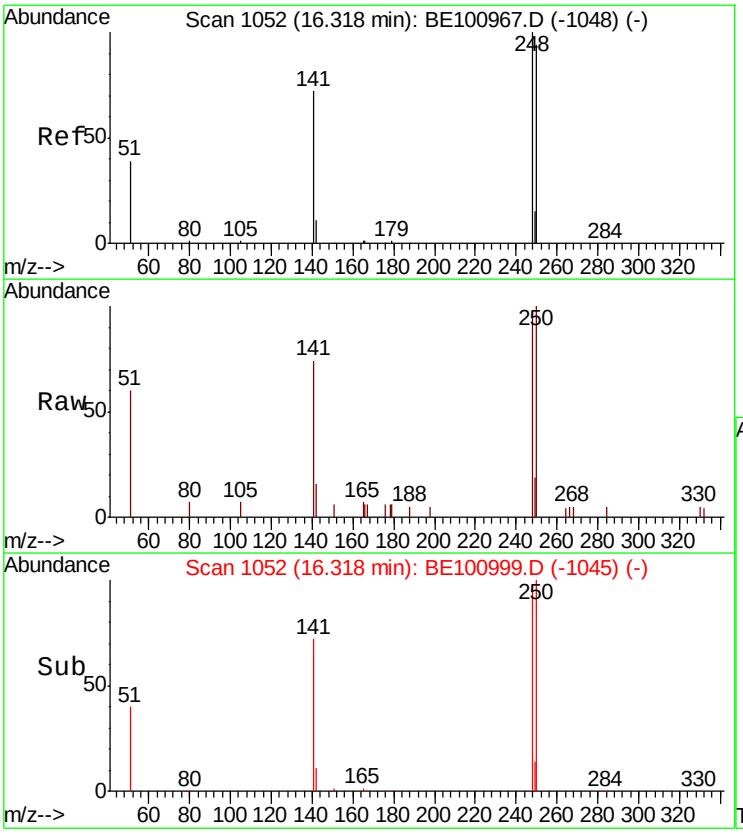
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 16643

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	9.7	14.5

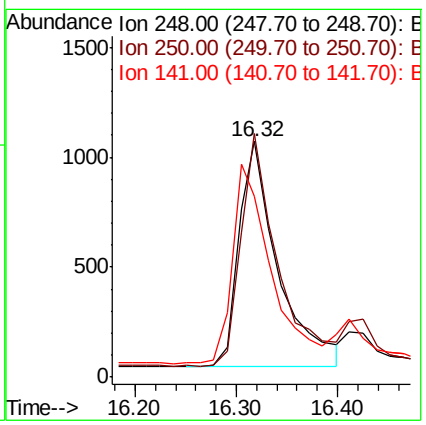


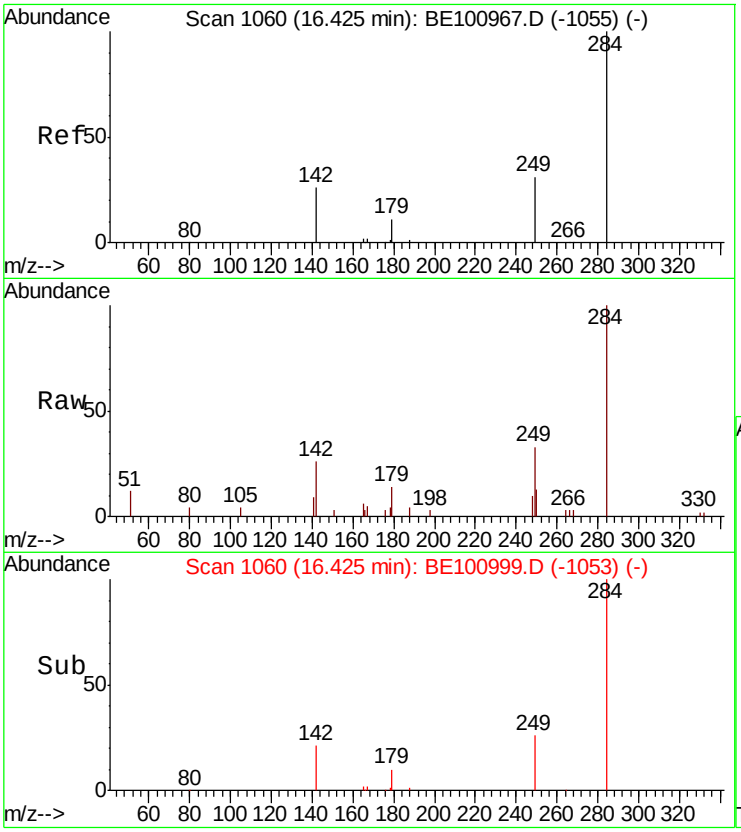


#20
4-Bromophenyl-phenylether
Concen: 0.376 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:248 Resp: 2749

Ion	Ratio	Lower	Upper
248	100		
250	103.3	76.0	114.0
141	76.9	61.0	91.6



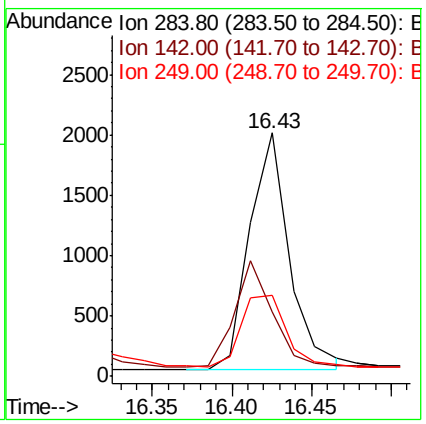


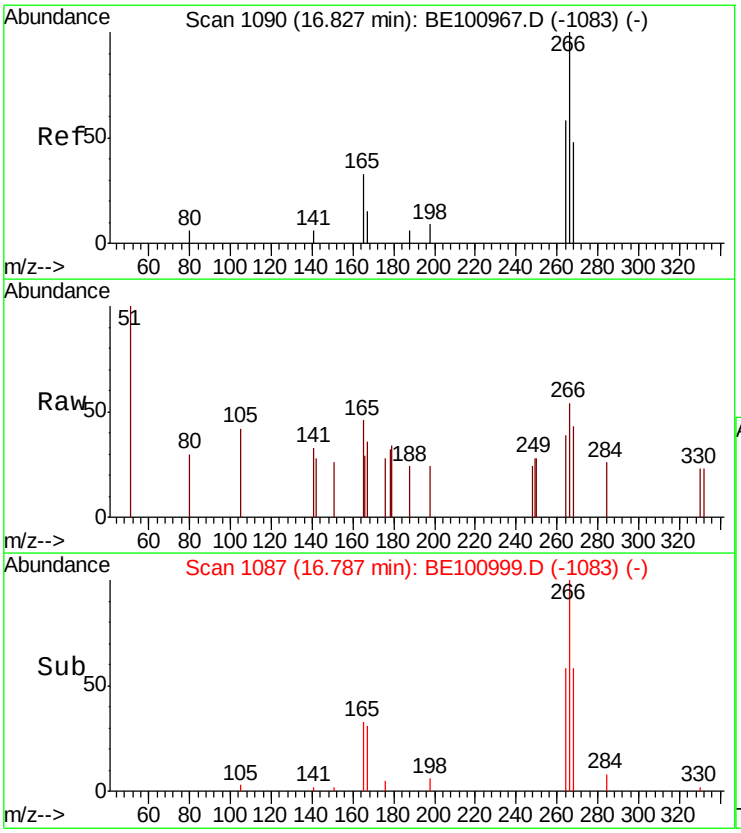
#21
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.43 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3422

Ion	Ratio	Lower	Upper
284	100		
142	43.1	33.3	49.9
249	34.1	27.2	40.8

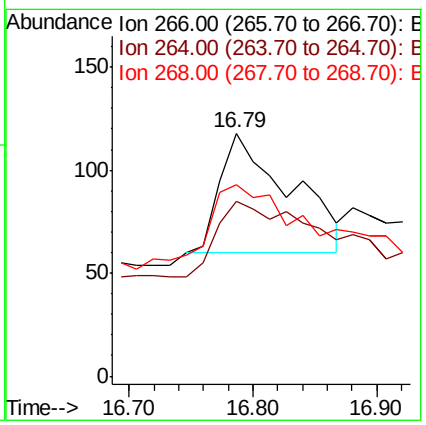


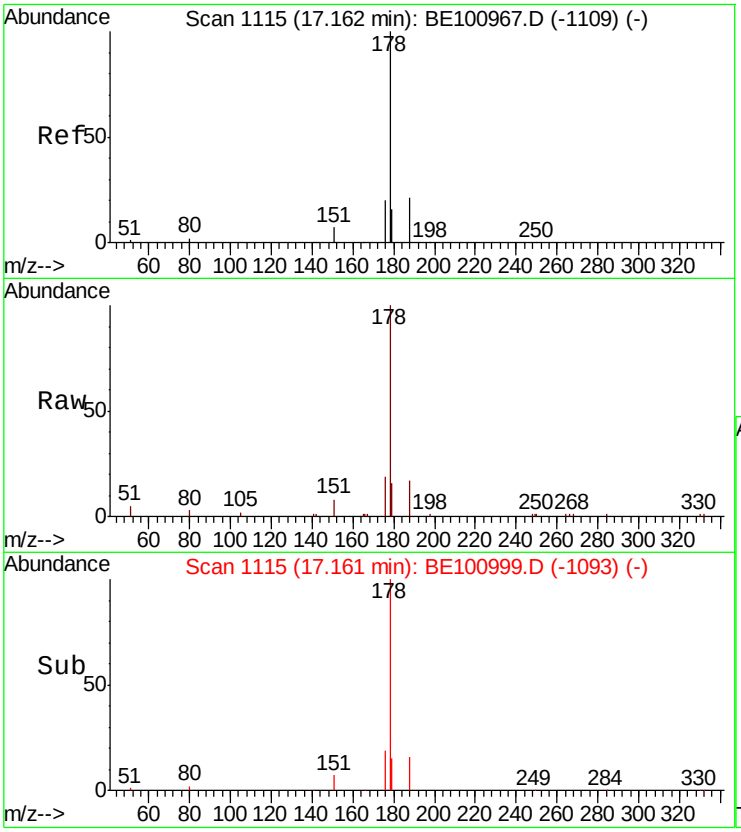


#22
Pentachlorophenol
Concen: 0.316 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.04 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:266 Resp: 225

Ion	Ratio	Lower	Upper
266	100		
264	72.0	62.3	93.5
268	78.8	66.1	99.1



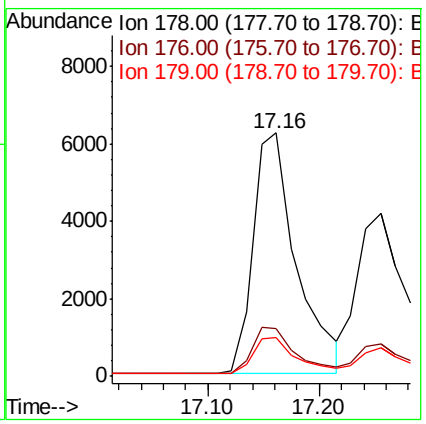


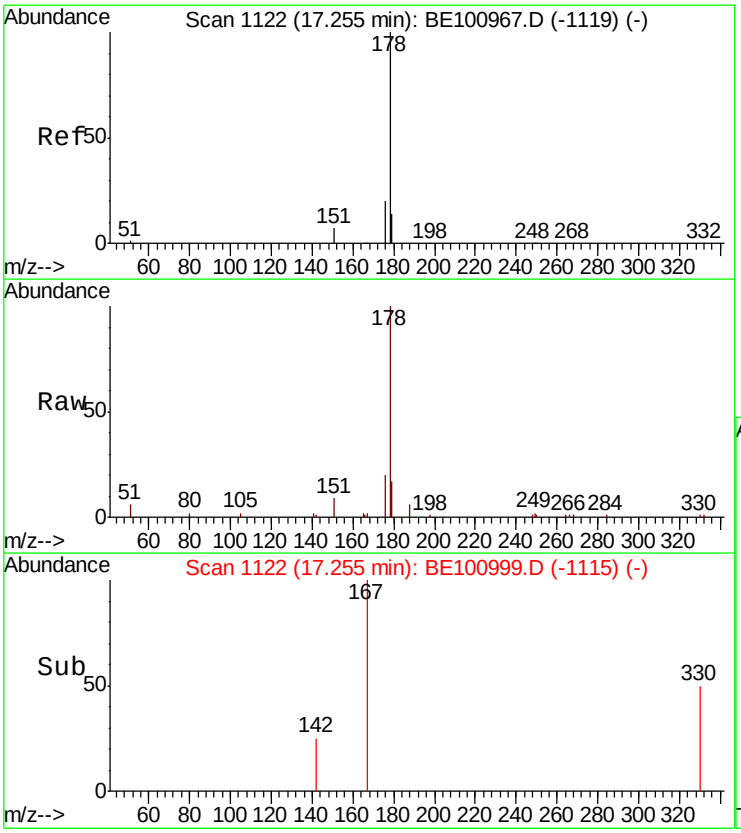
#23
Phenanthrene
Concen: 0.394 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 16916

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.6	12.6	18.8

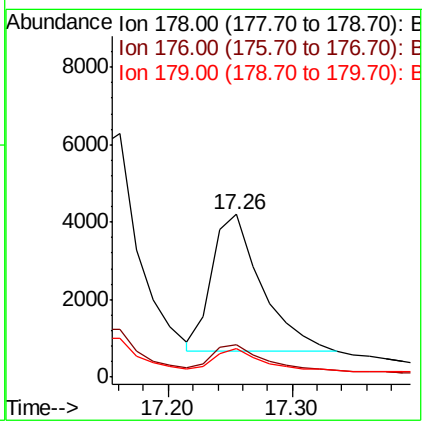


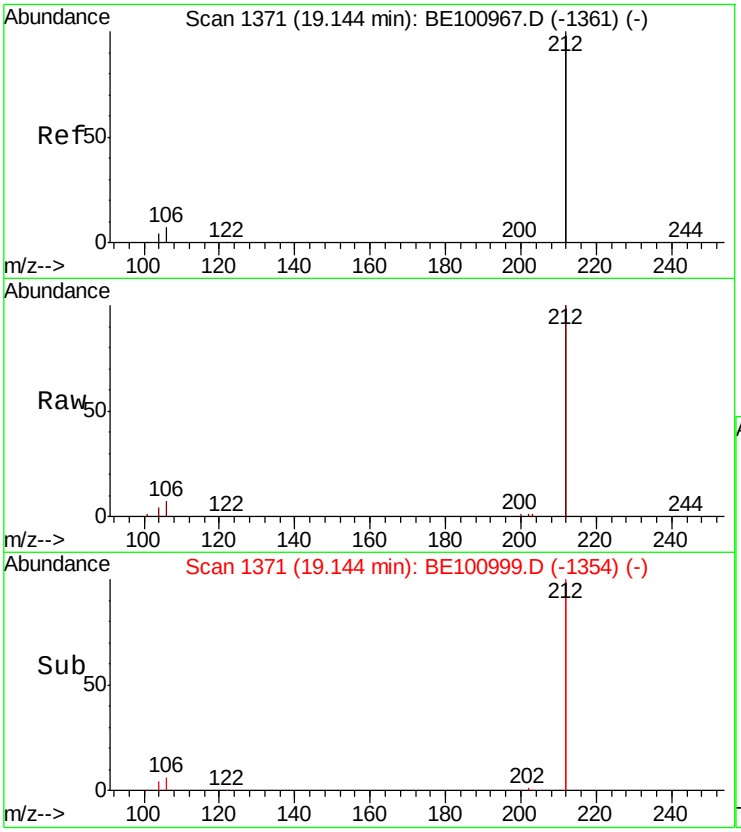


#24
Anthracene
Concen: 0.228 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:178 Resp: 9879

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	14.7	12.5	18.7



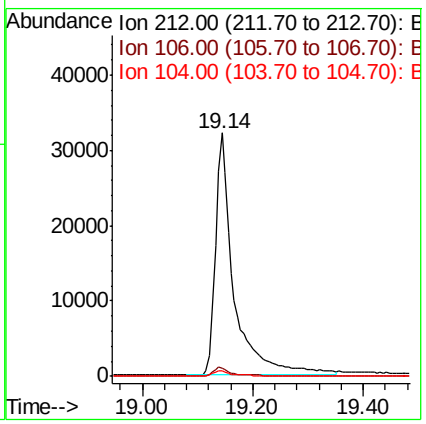


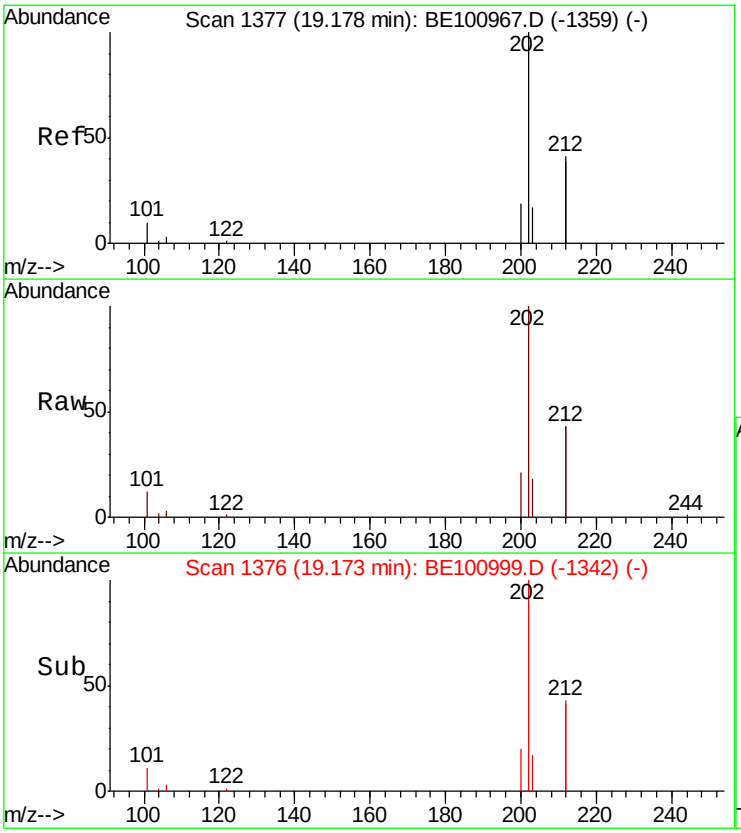
#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 74812

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	1.8	1.4	2.0

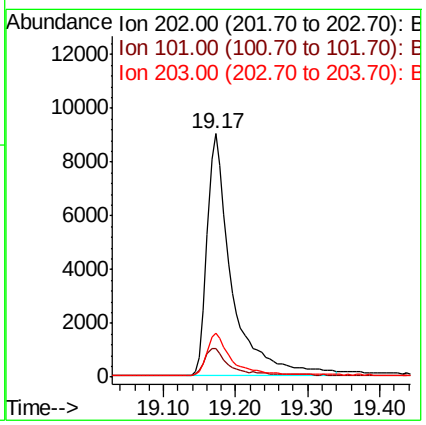


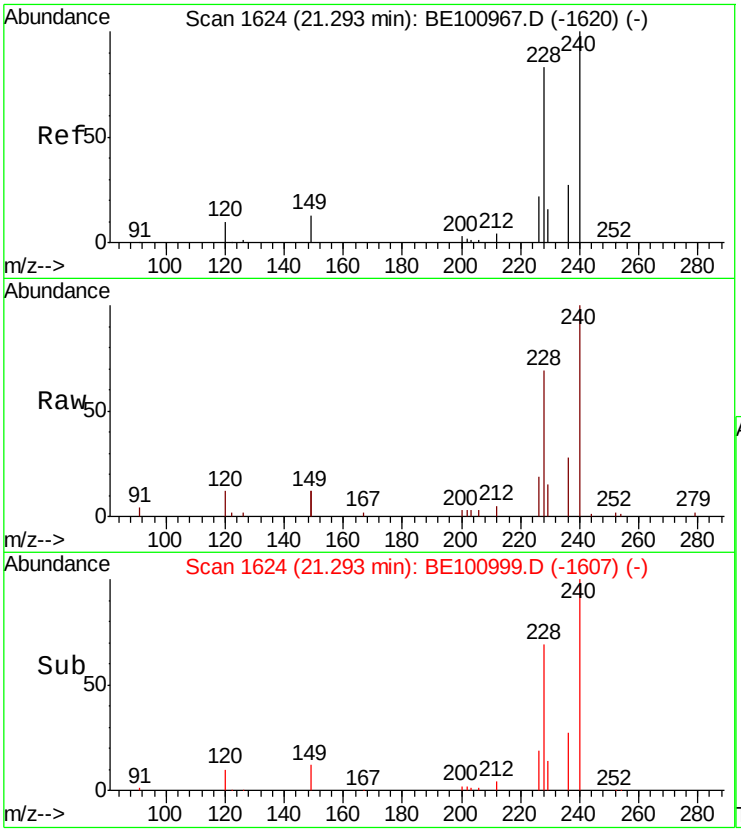


#26
Fluoranthene
Concen: 0.367 ng
RT: 19.17 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:202 Resp: 21471

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.0	13.4
203	17.2	13.2	19.8



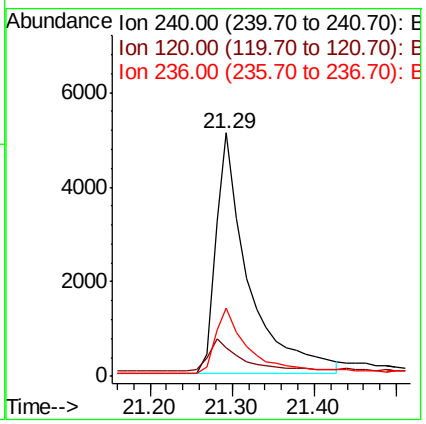


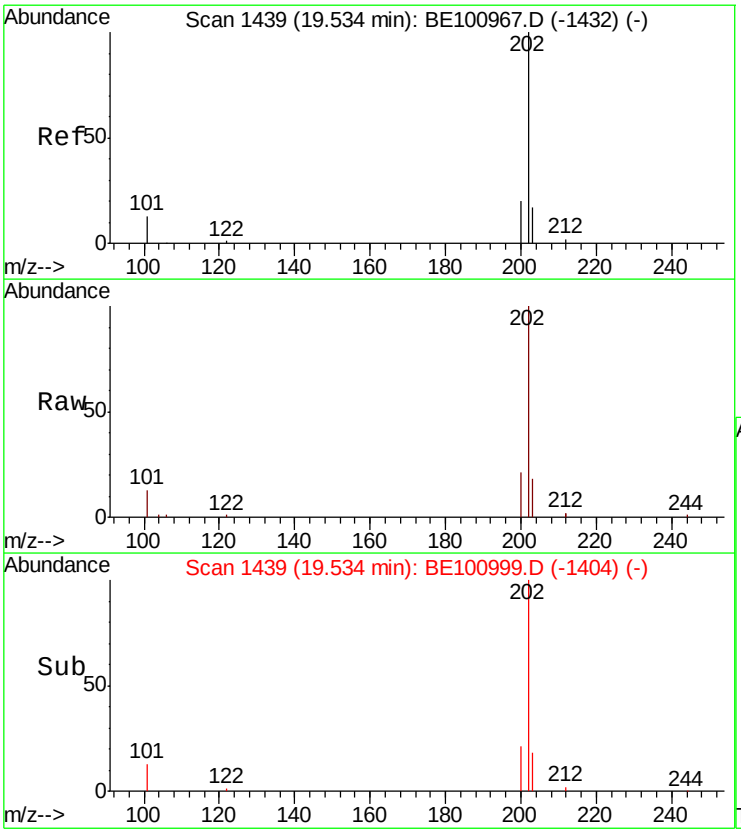
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 14128

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.2	15.4
236	28.2	22.6	34.0

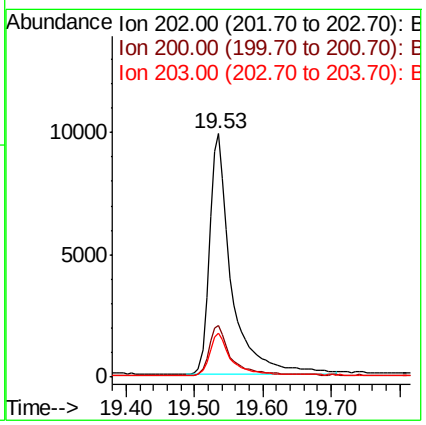


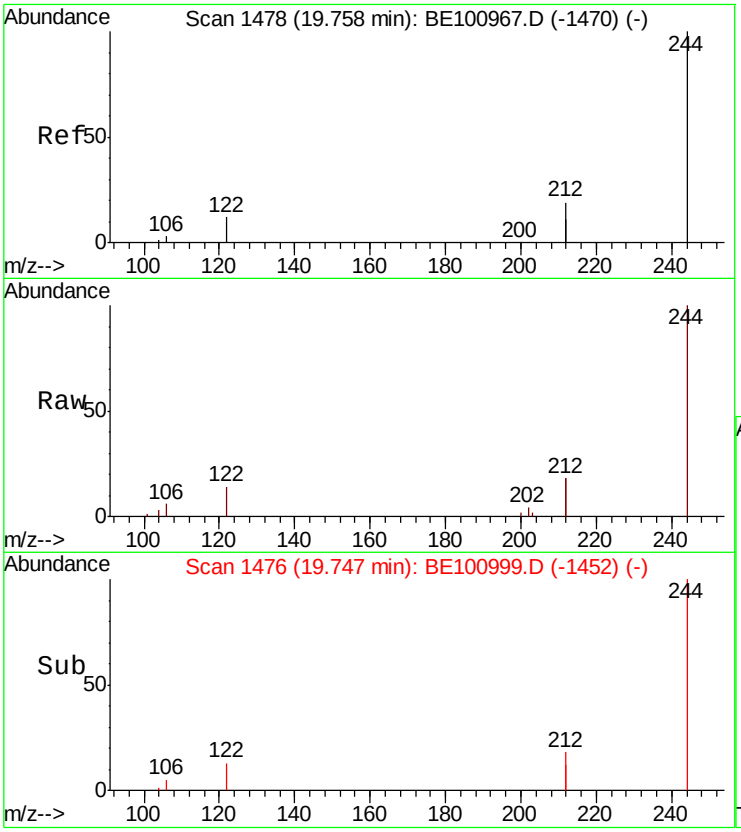


#28
Pyrene
Concen: 0.449 ng
RT: 19.53 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:202 Resp: 22194

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.4	13.8	20.6



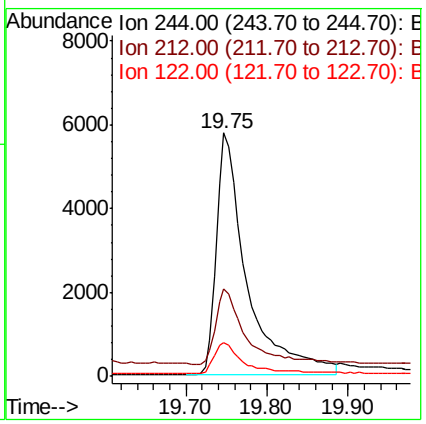


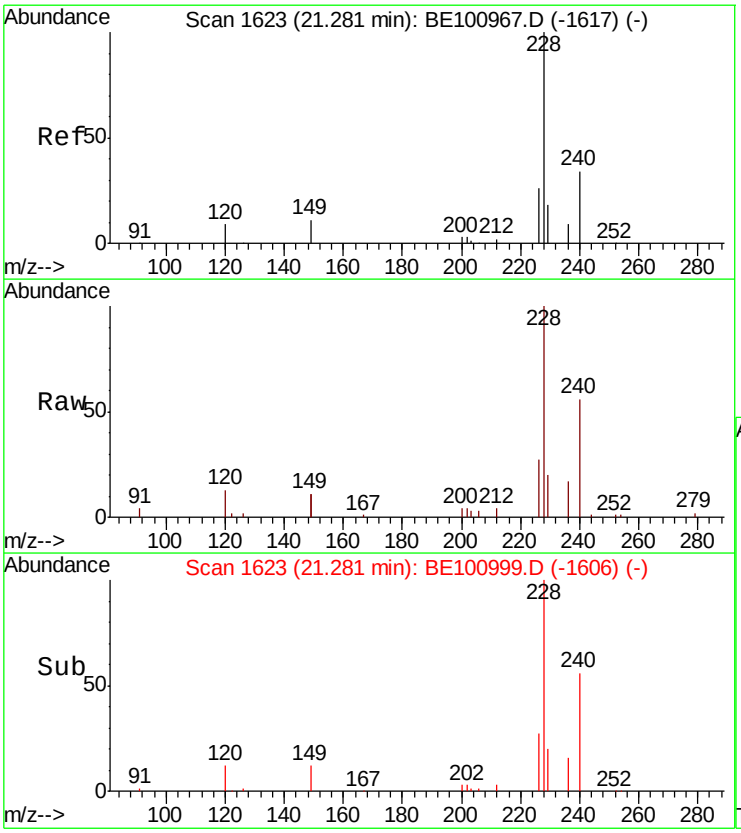
#29
Terphenyl-d14
Concen: 0.463 ng
RT: 19.75 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 15023

Ion	Ratio	Lower	Upper
244	100		
212	36.1	29.3	43.9
122	13.6	10.2	15.4

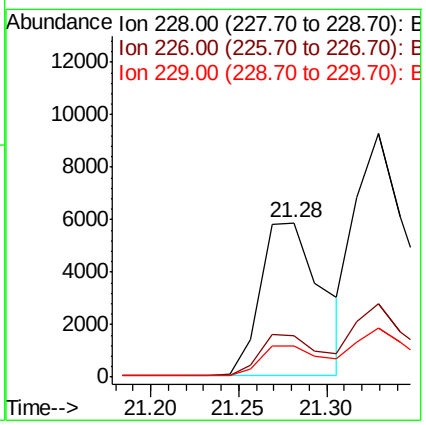


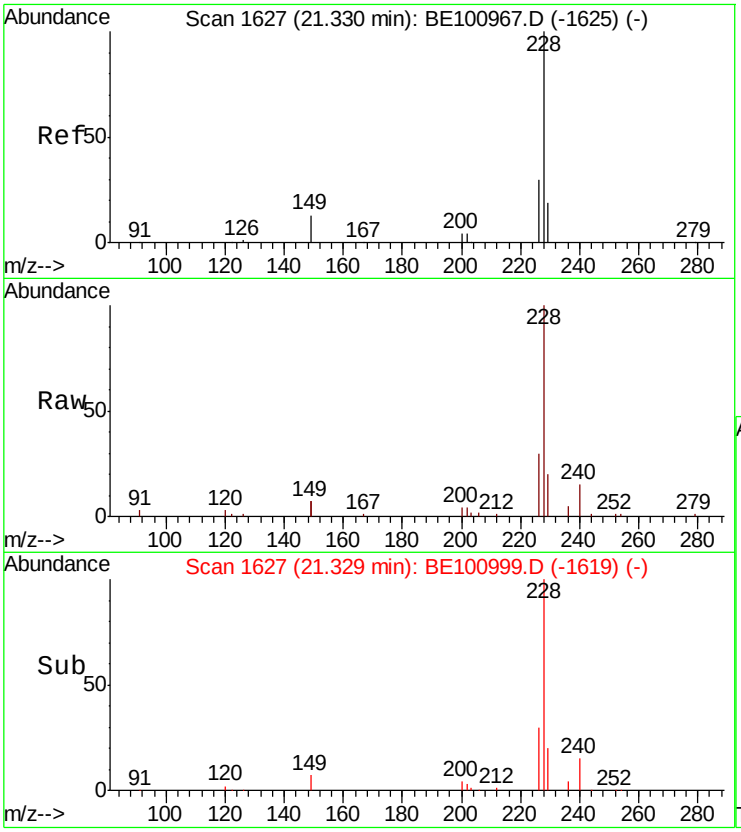


#30
Benzo(a)anthracene
Concen: 0.410 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:228 Resp: 14193

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.6
229	20.5	15.4	23.0



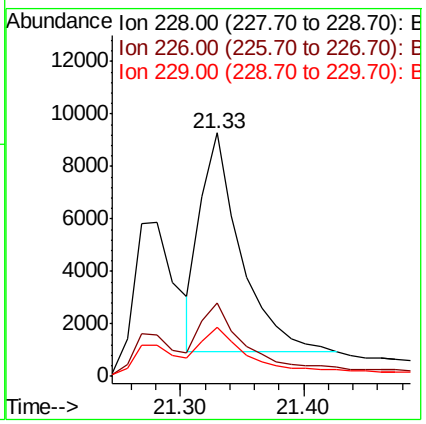


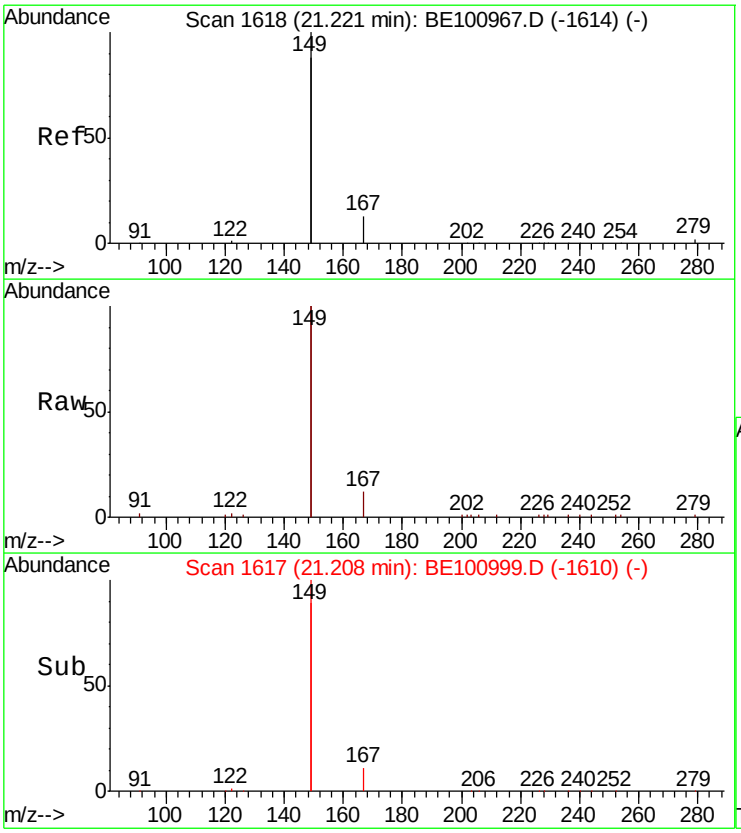
#31
Chrysene
Concen: 0.289 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 18636

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.6	35.4
229	20.1	15.7	23.5

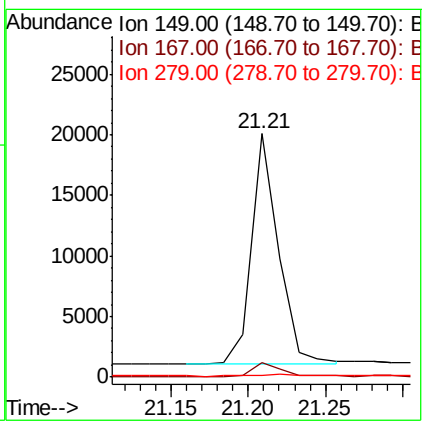


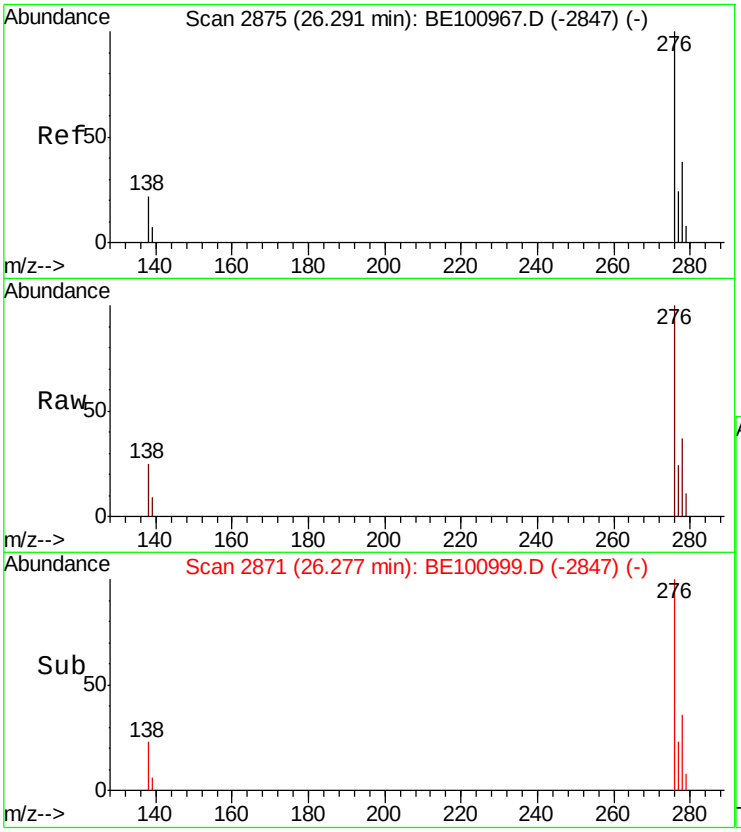


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.377 ng
RT: 21.21 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:149 Resp: 23149

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.1	7.7
279	1.1	0.6	1.0#



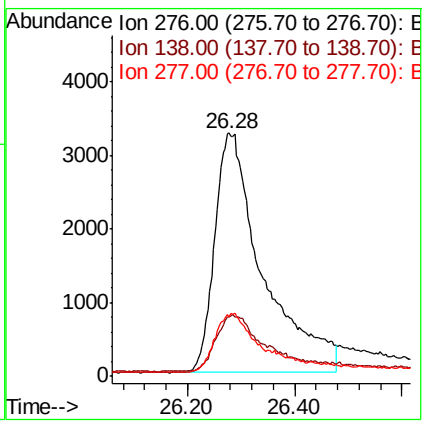


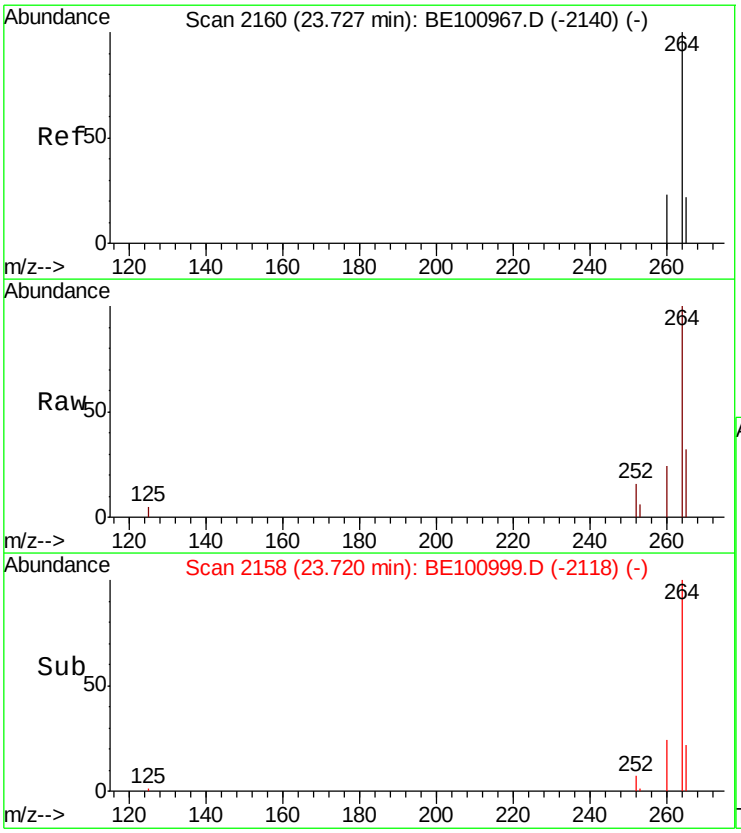
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng
RT: 26.28 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 20156

Ion	Ratio	Lower	Upper
276	100		
138	18.4	14.8	22.2
277	23.3	18.0	27.0

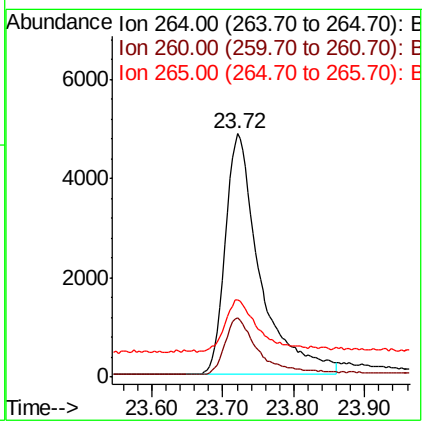


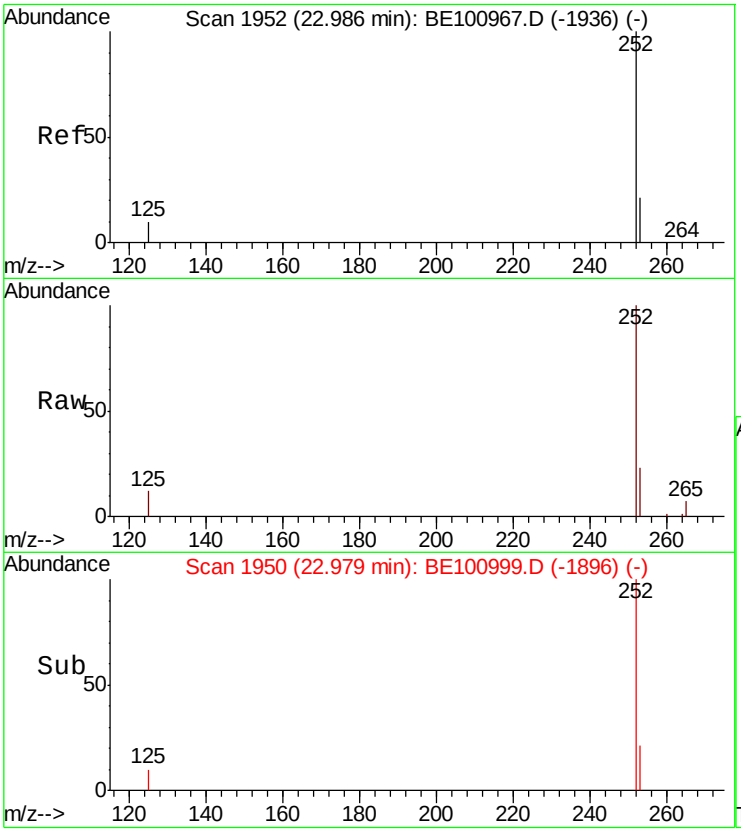


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.72 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:264 Resp: 16493

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	31.8	26.6	40.0



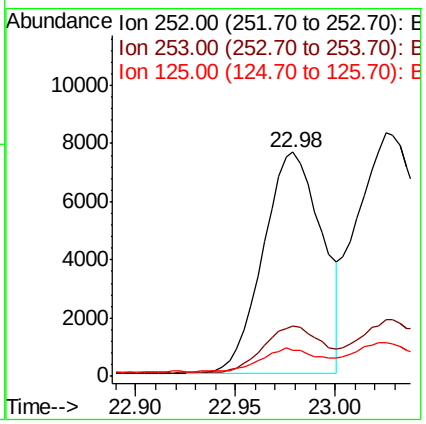


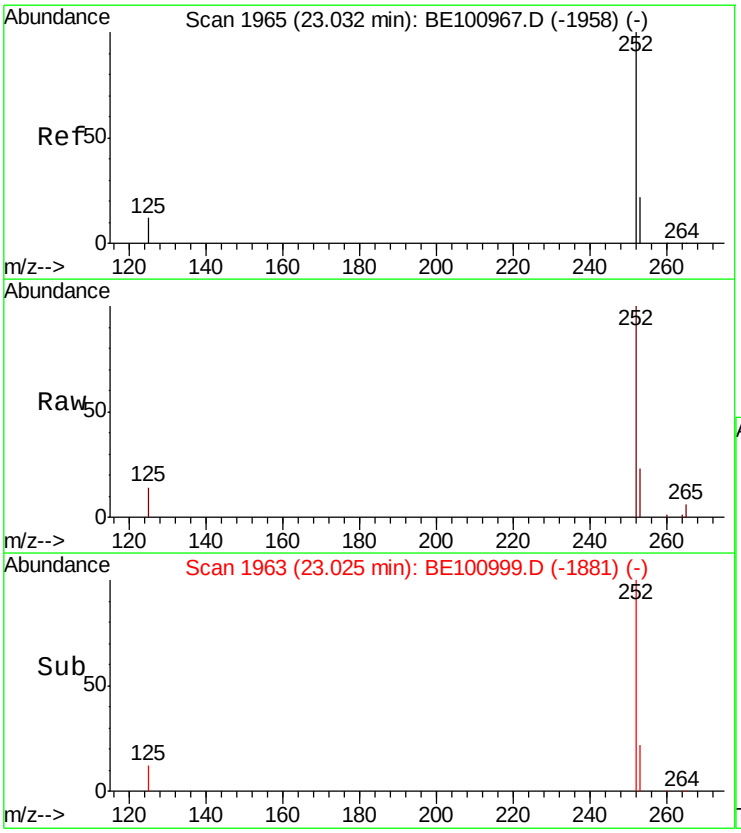
#35
Benzo(b)fluoranthene
Concen: 0.449 ng
RT: 22.98 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 15606

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	11.7	9.7	14.5

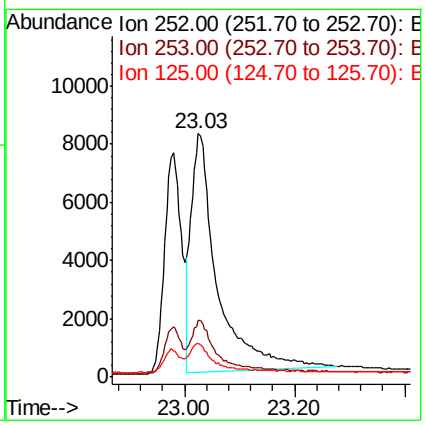


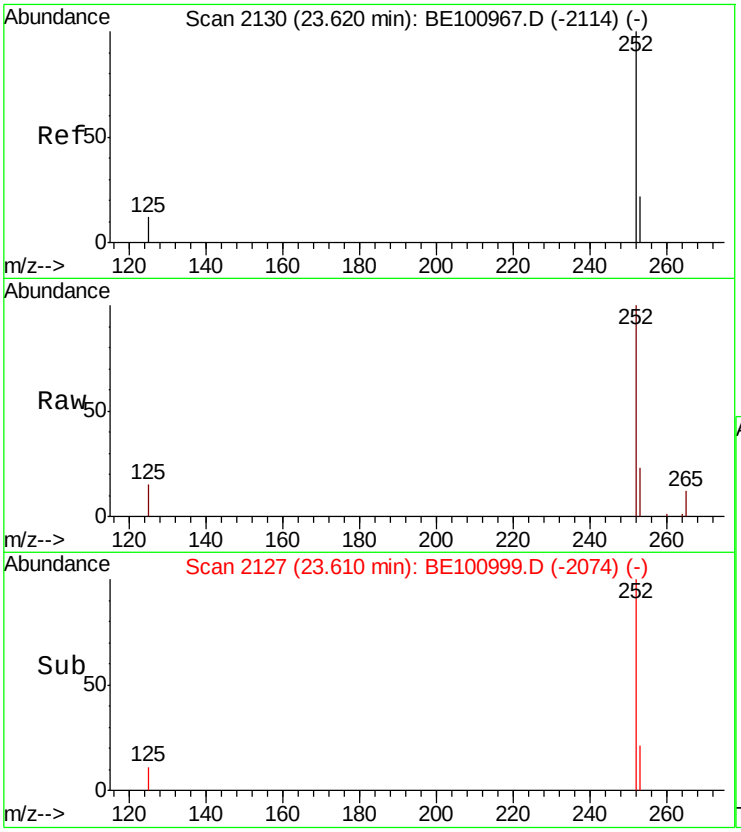


#36
Benzo(k)fluoranthene
Concen: 0.407 ng
RT: 23.03 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:252 Resp: 26818

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	13.7	11.2	16.8



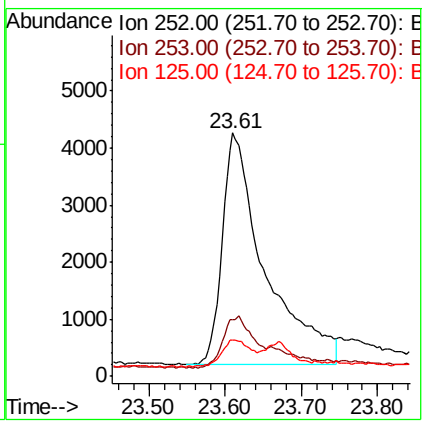


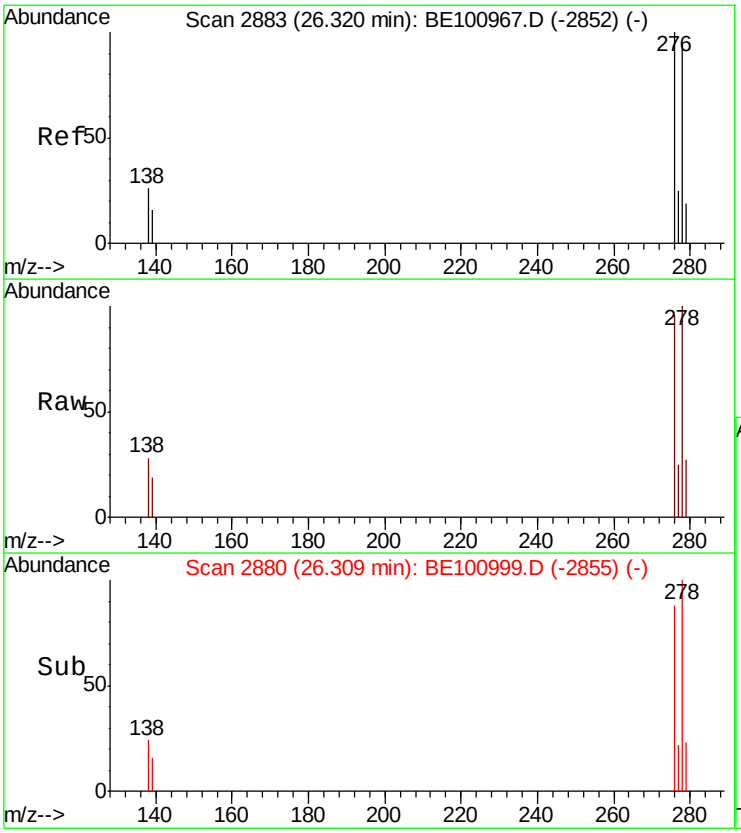
#37
Benzo(a)pyrene
Concen: 0.392 ng
RT: 23.61 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 15907

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.1	30.1
125	14.7	12.6	18.8

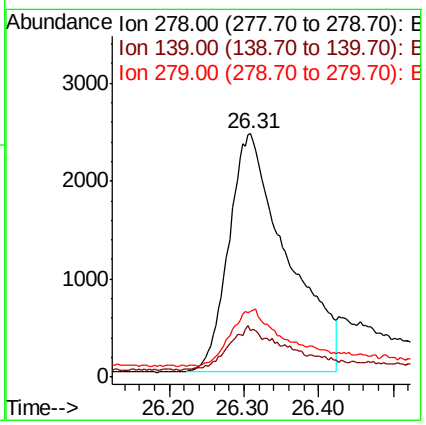


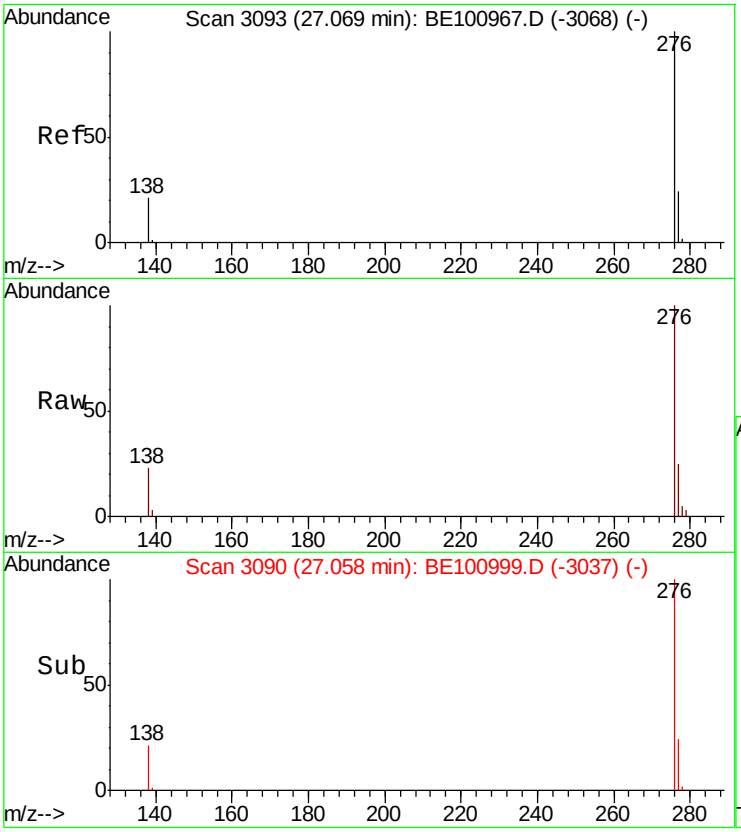


#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 26.31 min Scan# 2880
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Tgt Ion:278 Resp: 13083

Ion	Ratio	Lower	Upper
278	100		
139	18.9	16.4	24.6
279	26.8	19.3	28.9





#39
Benzo(g,h,i)perylene
Concen: 0.442 ng
RT: 27.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BE100999.D
Acq: 27 Dec 2019 18:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 19106

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.0	30.0
138	22.9	18.6	27.8