Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
Data File : BE100987.D
Acq On : 27 Dec 2019 9:58
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 27 23:48:46 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	2291	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	12011	0.40	ng		0.00
13) Acenaphthene-d10	14.37	164	7359	0.40	ng		-0.01
19) Phenanthrene-d10	17.11	188	16940	0.40	ng		-0.01
27) Chrysene-d12	21.29	240	15404	0.40	ng		0.00
34) Perylene-d12	23.72	264	17240	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	1629	0.42	ng		0.00
5) Phenol-d6	6.94	99	1820	0.42	ng		-0.04
8) Nitrobenzene-d5	8.90	82	2172	0.45	ng		-0.01
11) 2-Methylnaphthalene-d10	12.12	152	7657	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	582	0.45	ng		-0.01
15) 2-Fluorobiphenyl	13.02	172	11364	0.43	ng		0.00
25) Fluoranthene-d10	19.14	212	82077	0.40	ng		0.00
29) Terphenyl-d14	19.75	244	16017	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	2073	0.195	ng	#	71
3) n-Nitrosodimethylamine	3.65	42	918	0.622	ng	#	1
6) bis(2-Chloroethyl)ether	7.20	93	2327	0.281	ng		85
9) Naphthalene	10.58	128	52593	0.412	ng		100
10) Hexachlorobutadiene	10.86	225	2342	0.415	ng		98
12) 2-Methylnaphthalene	12.19	142	7203	0.372	ng		96
16) Acenaphthylene	14.10	152	9979	0.363	ng		99
17) Acenaphthene	14.44	154	8326	0.417	ng		99
18) Fluorene	15.42	166	10352	0.416	ng		99
20) 4-Bromophenyl-phenylether	16.32	248	2840	0.382	ng		96
21) Hexachlorobenzene	16.43	284	3425	0.390	ng		98
22) Pentachlorophenol	16.81	266	304	0.383	ng		99
23) Phenanthrene	17.16	178	17371	0.398	ng		99
24) Anthracene	17.26	178	10435	0.236	ng		98
26) Fluoranthene	19.17	202	23083	0.388	ng		98
28) Pyrene	19.53	202	24244	0.450	ng		100
30) Benzo(a)anthracene	21.28	228	15895	0.422	ng		98
31) Chrysene	21.33	228	19697	0.281	ng		98
32) Bis(2-ethylhexyl)phthalate	21.21	149	26285	0.393	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.28	276	21874	0.414	ng	#	91
35) Benzo(b)fluoranthene	22.98	252	17460	0.481	ng		99
36) Benzo(k)fluoranthene	23.03	252	24907	0.362	ng		98
37) Benzo(a)pyrene	23.62	252	18162	0.429	ng		99
38) Dibenzo(a,h)anthracene	26.31	278	16356	0.426	ng		96
39) Benzo(g,h,i)perylene	27.06	276	20104	0.445	ng		98

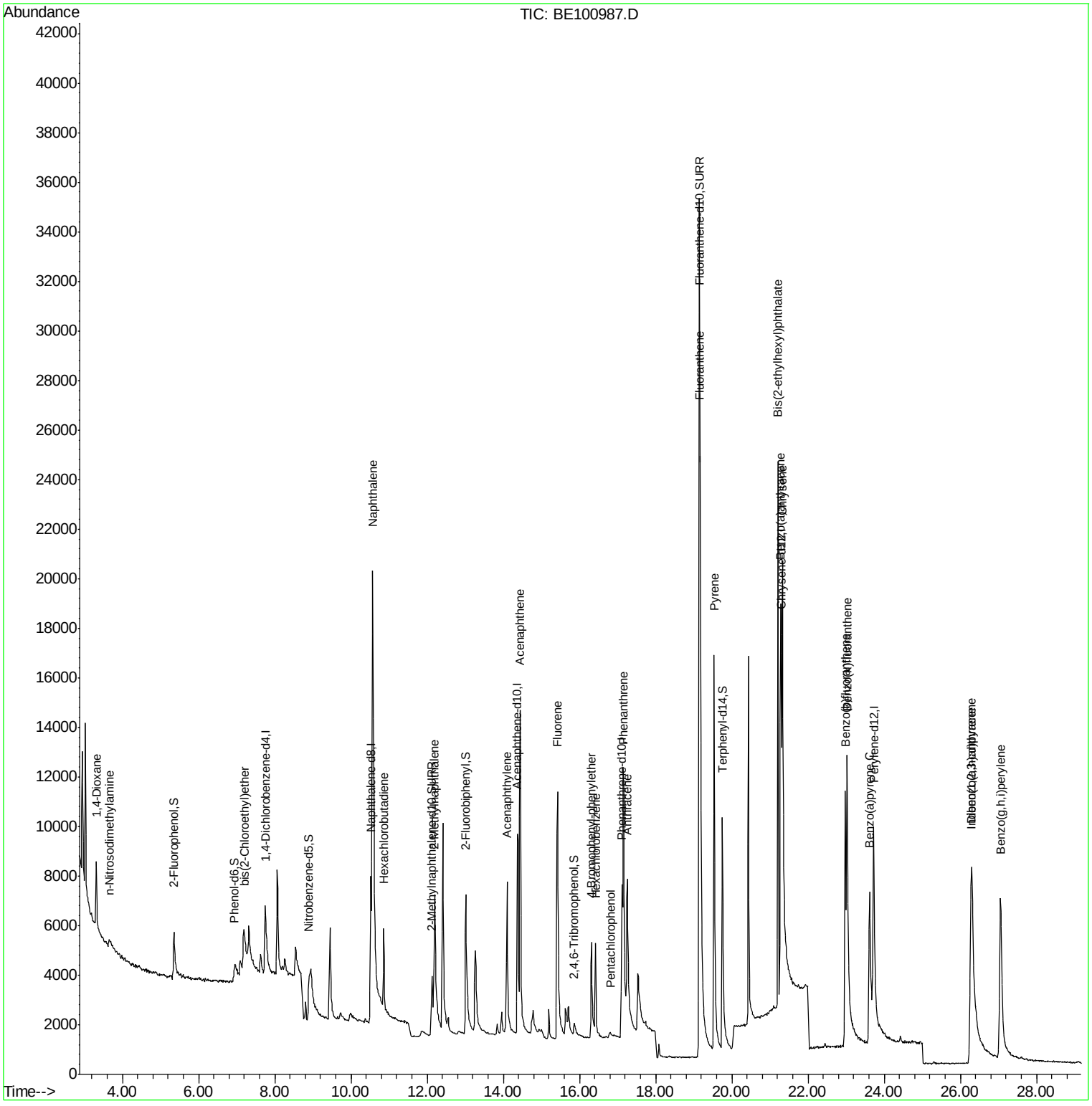
(#) = qualifier out of range (m) = manual integration (+) = signals summed

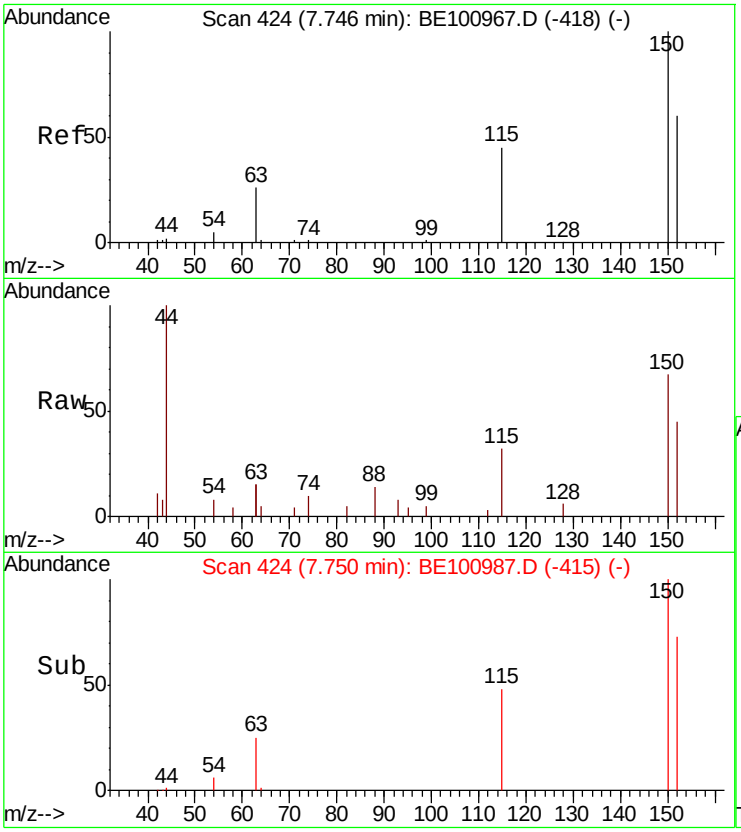
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
Data File : BE100987.D
Acq On : 27 Dec 2019 9:58
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 27 23:48:46 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



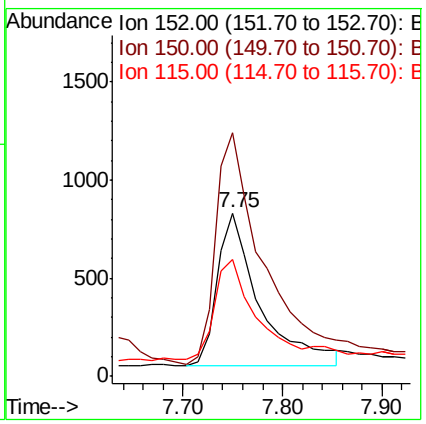


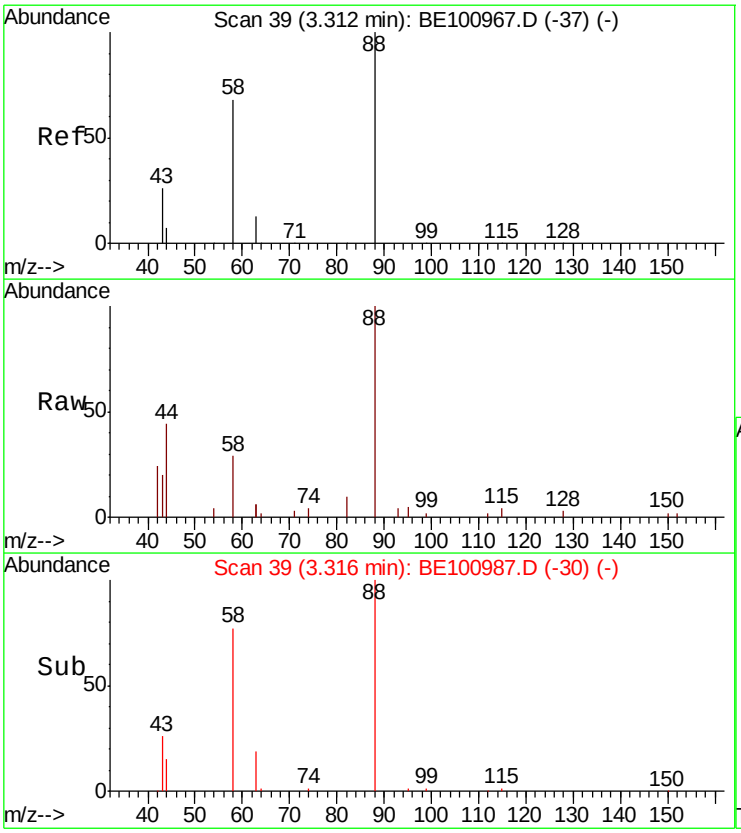
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2291

Ion	Ratio	Lower	Upper
152	100		
150	149.4	132.6	199.0
115	71.7	64.1	96.1

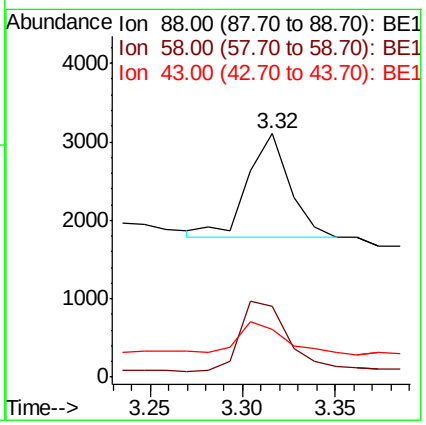


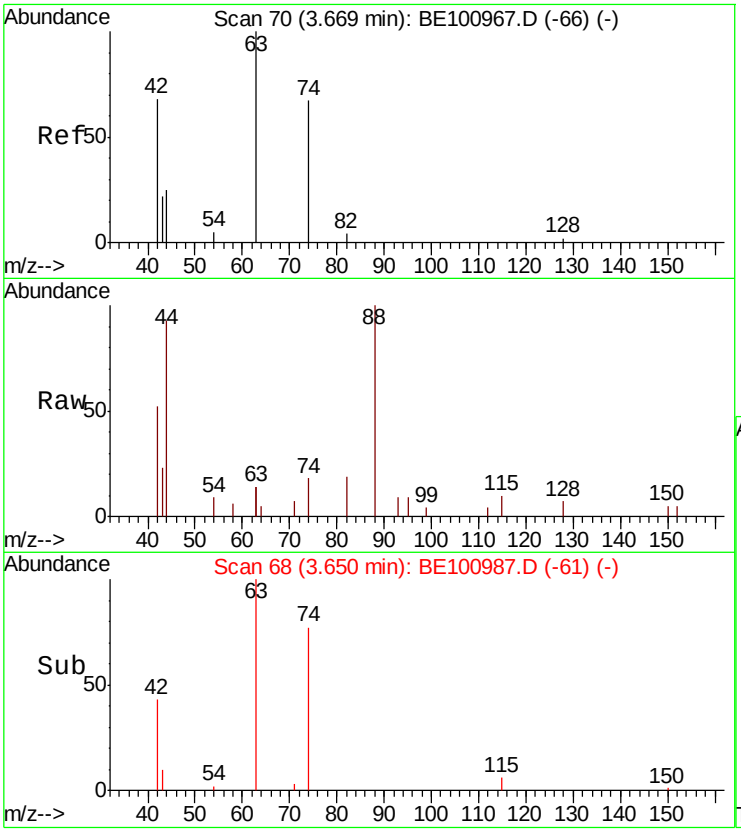


#2
1,4-Dioxane
Concen: 0.195 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion: 88 Resp: 2073

Ion	Ratio	Lower	Upper
88	100		
58	79.1	44.2	66.4#
43	37.1	21.0	31.6#



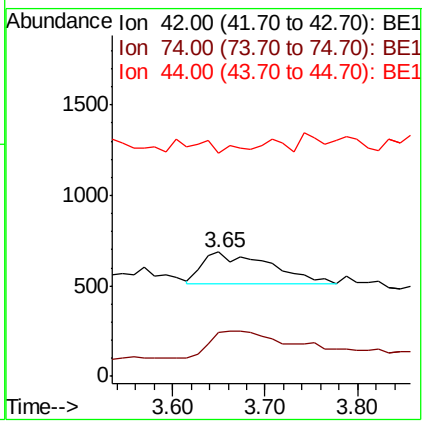


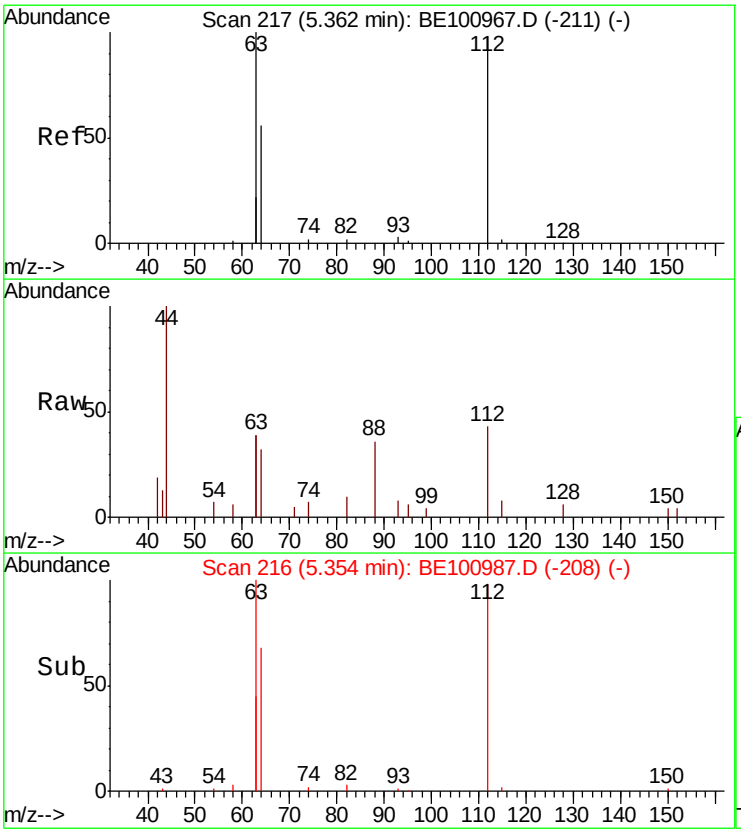
#3
n-Nitrosodimethylamine
Concen: 0.622 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.02 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 918

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

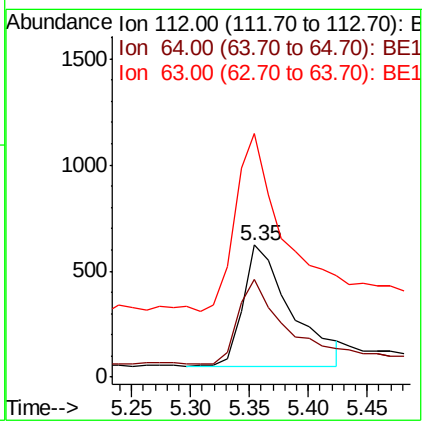


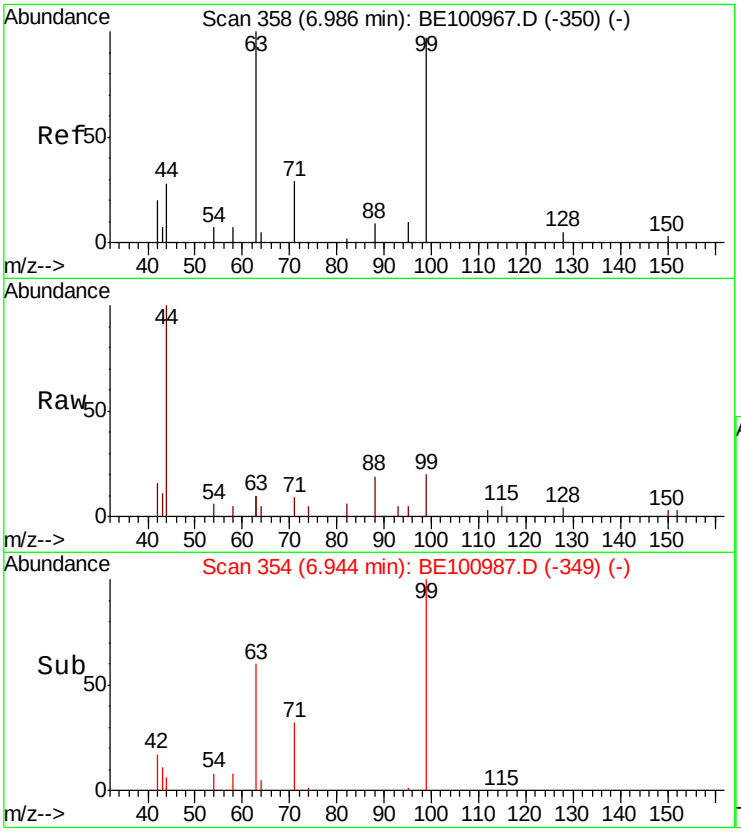


#4
2-Fluorophenol
Concen: 0.421 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.01 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:112 Resp: 1629

Ion	Ratio	Lower	Upper
112	100		
64	67.6	59.0	88.6
63	149.5	121.4	182.0



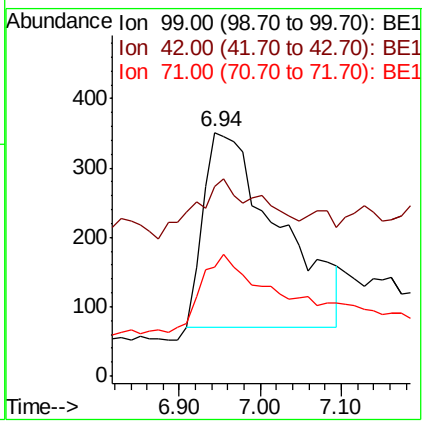


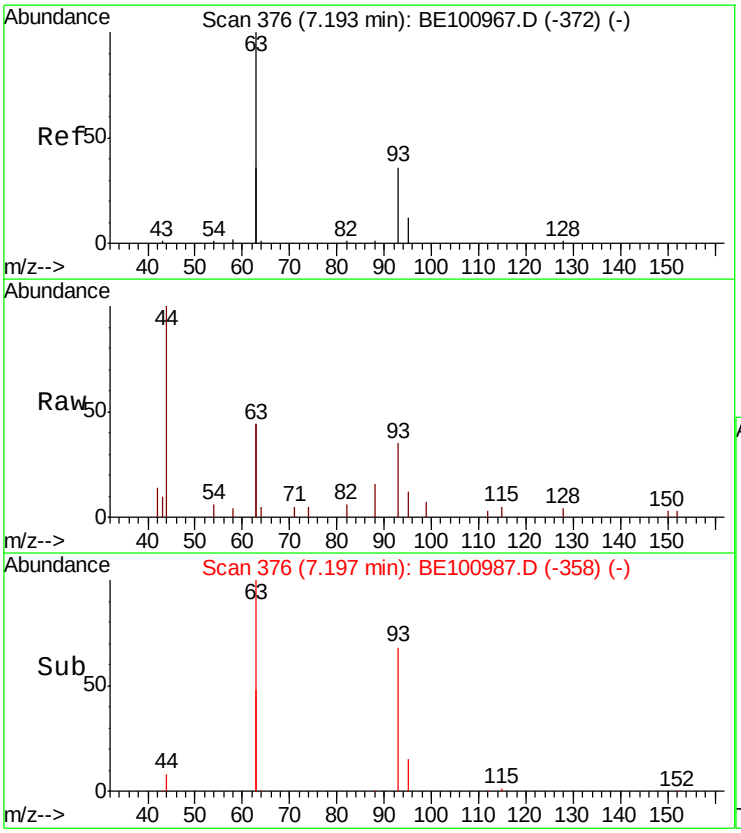
#5
Phenol-d6
Concen: 0.420 ng
RT: 6.94 min Scan# 354
Delta R.T. -0.04 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1820

Ion	Ratio	Lower	Upper
99	100		
42	5.3	0.0	0.0#
71	31.6	0.0	0.0#

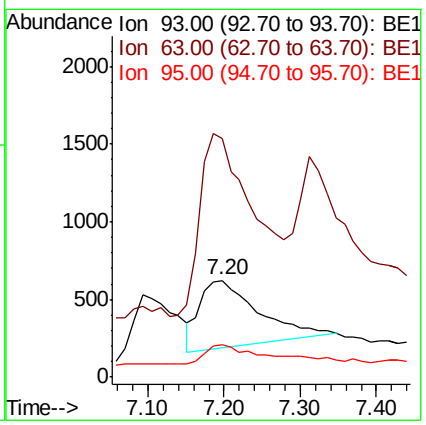


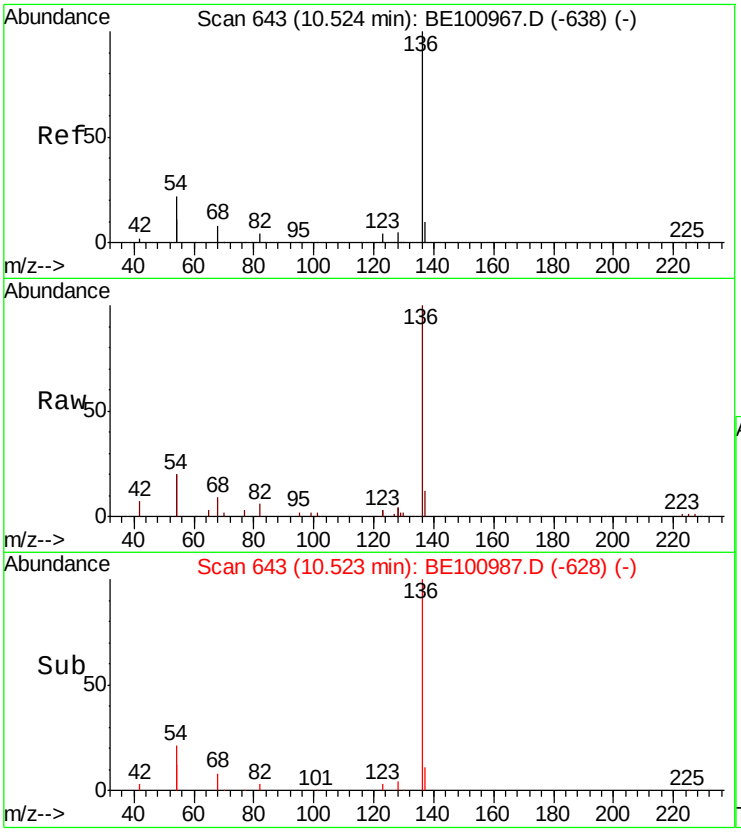


#6
bis(2-Chloroethyl)ether
Concen: 0.281 ng
RT: 7.20 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion: 93 Resp: 2327

Ion	Ratio	Lower	Upper
93	100		
63	254.2	228.3	342.5
95	30.9	25.9	38.9



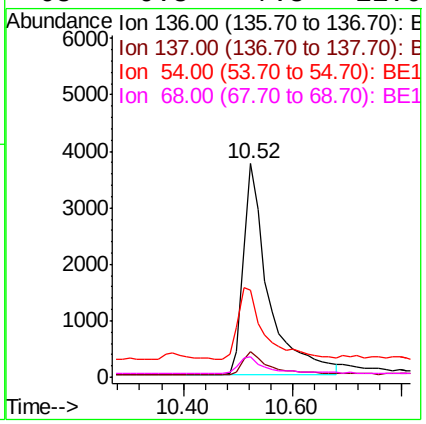


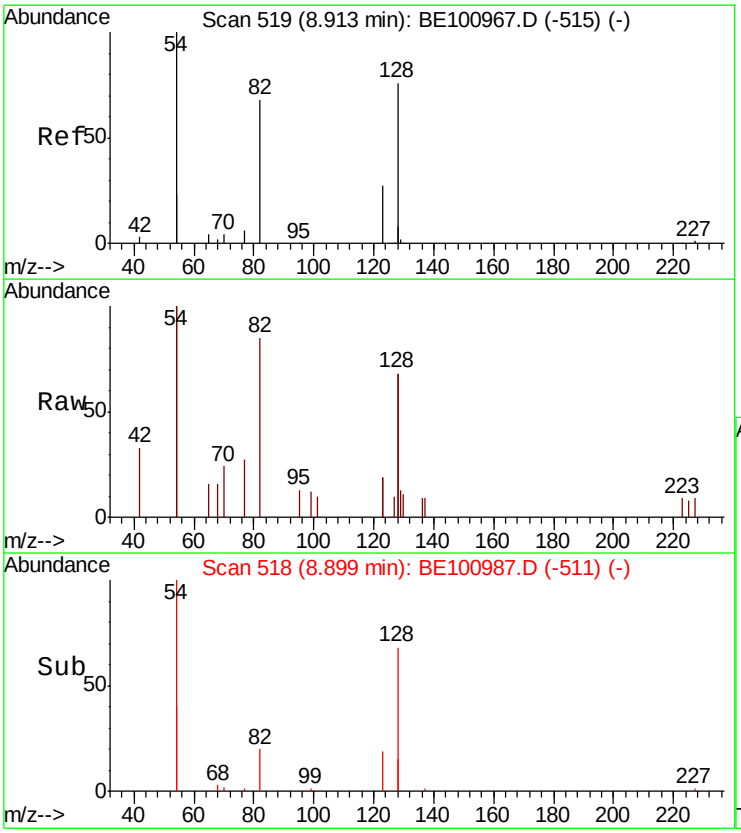
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 12011

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.6
54	40.8	34.4	51.6
68	9.3	7.8	11.6

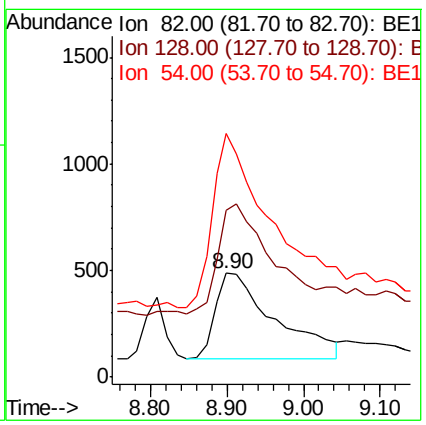


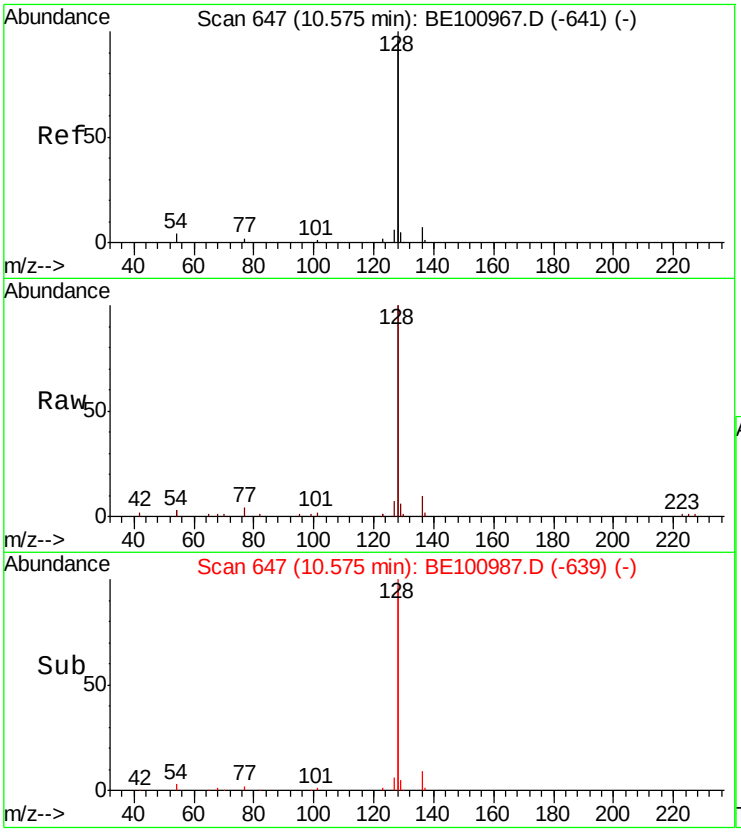


#8
Nitrobenzene-d5
Concen: 0.451 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.01 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion: 82 Resp: 2172

Ion	Ratio	Lower	Upper
82	100		
128	160.9	140.2	210.2
54	235.0	183.8	275.6



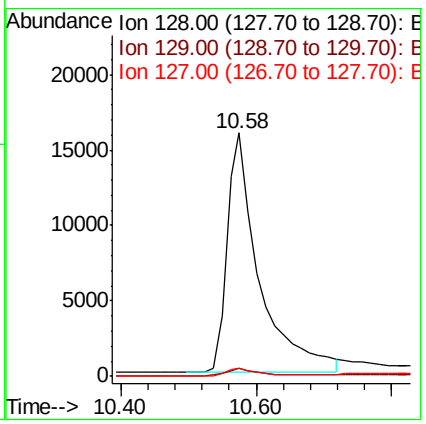


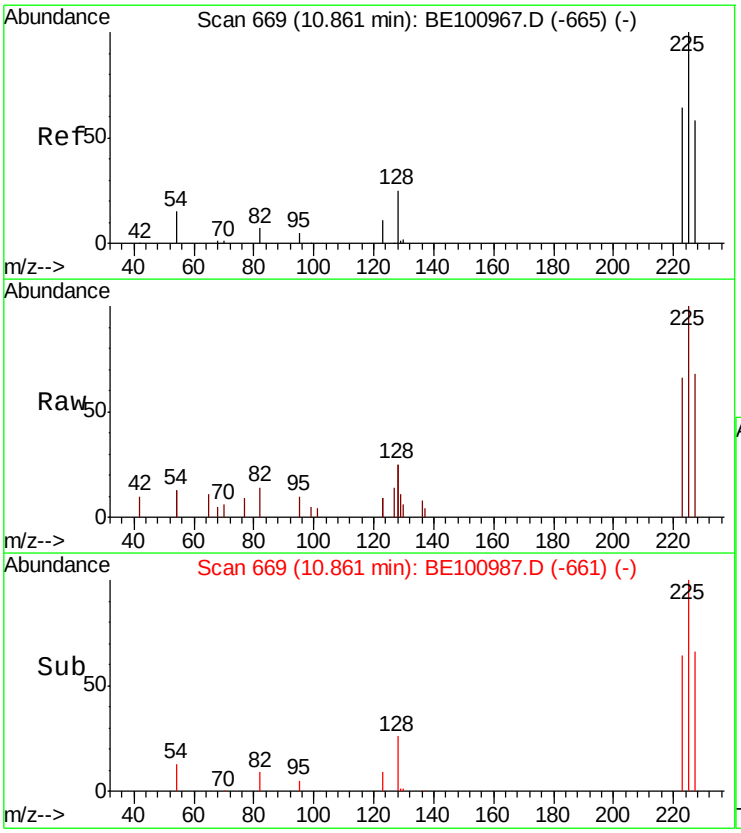
#9
Naphthalene
Concen: 0.412 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 52593

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.5	2.8	4.2

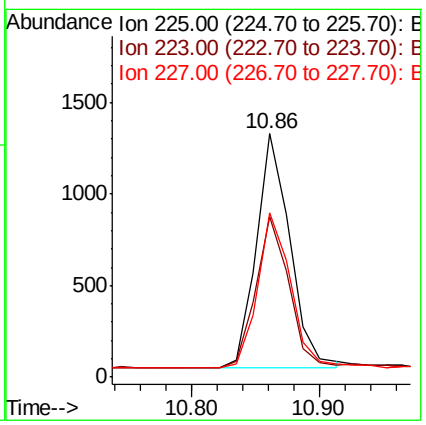


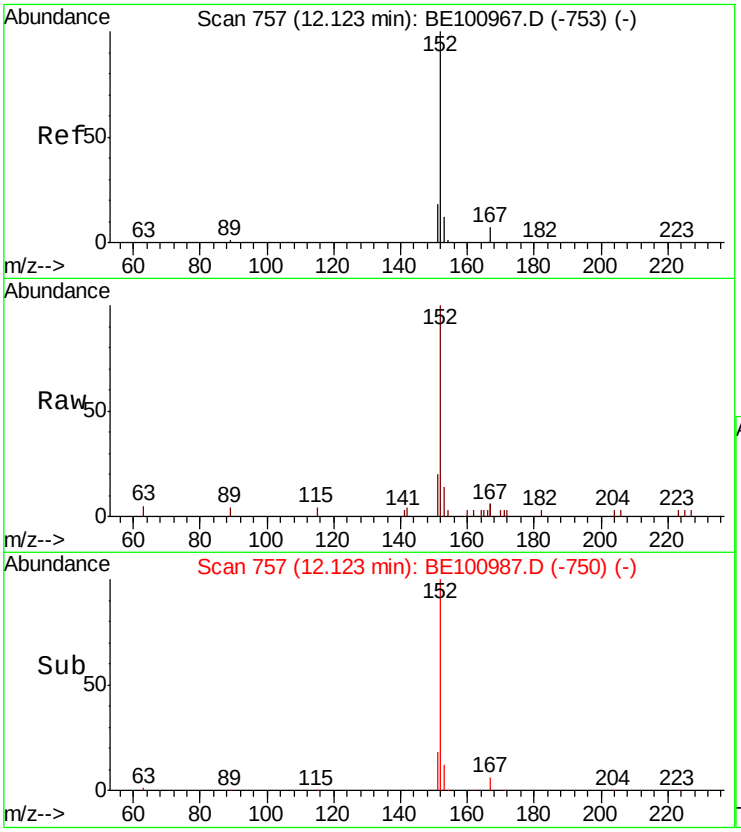


#10
Hexachlorobutadiene
Concen: 0.415 ng
RT: 10.86 min Scan# 669
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:225 Resp: 2342

Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.4	77.0
227	64.9	50.2	75.2



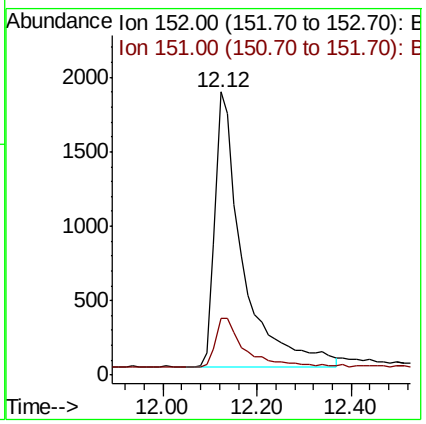


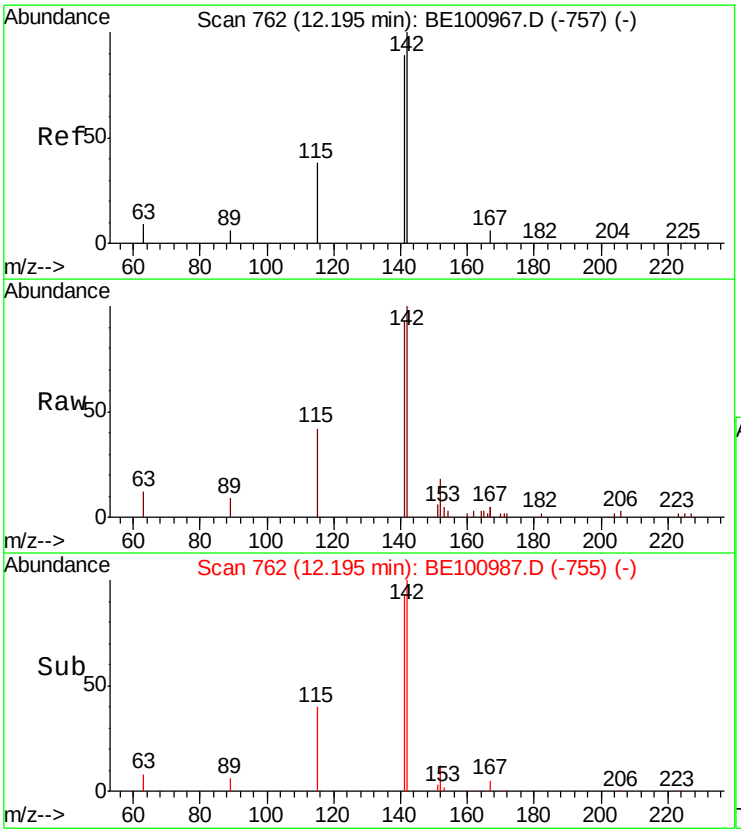
#11
2-Methylnaphthalene-d10
Concen: 0.434 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7657

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.1	22.7

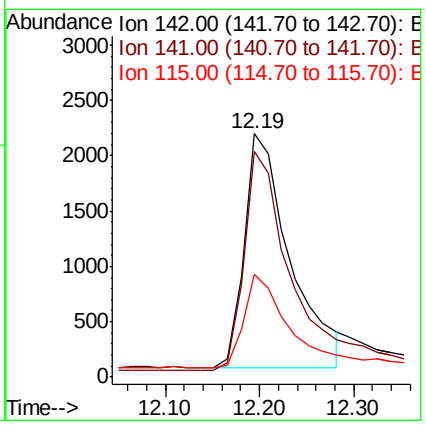


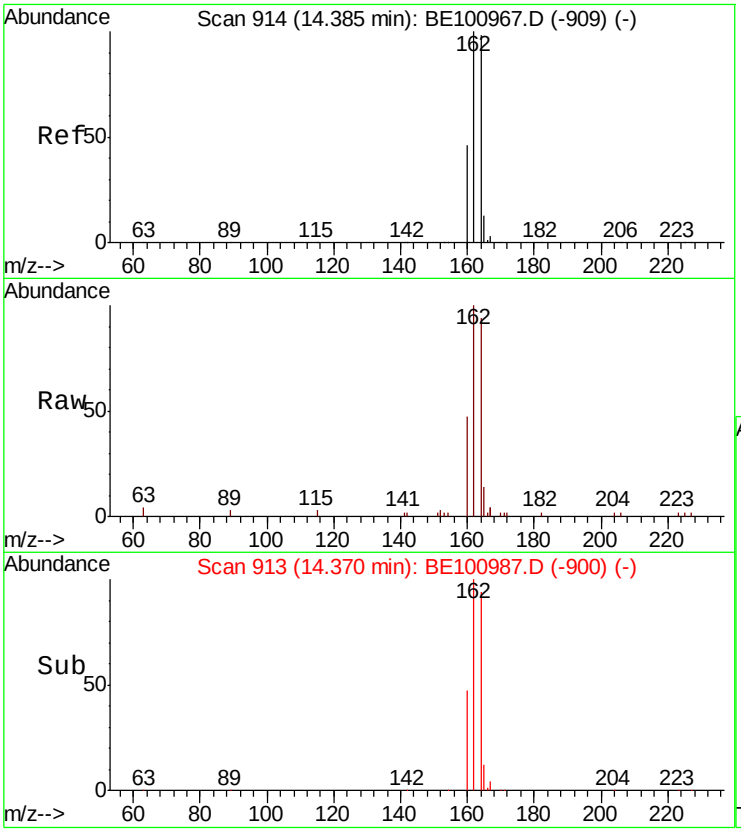


#12
2-Methylnaphthalene
Concen: 0.372 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:142 Resp: 7203

Ion	Ratio	Lower	Upper
142	100		
141	92.6	70.8	106.2
115	42.2	32.0	48.0



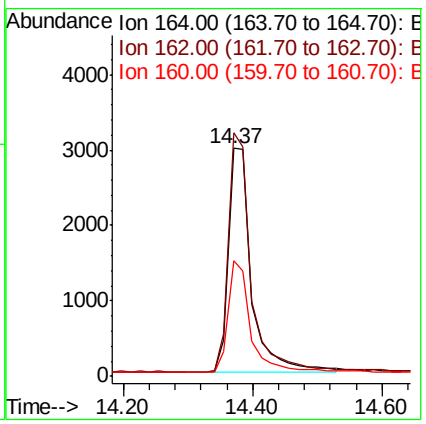


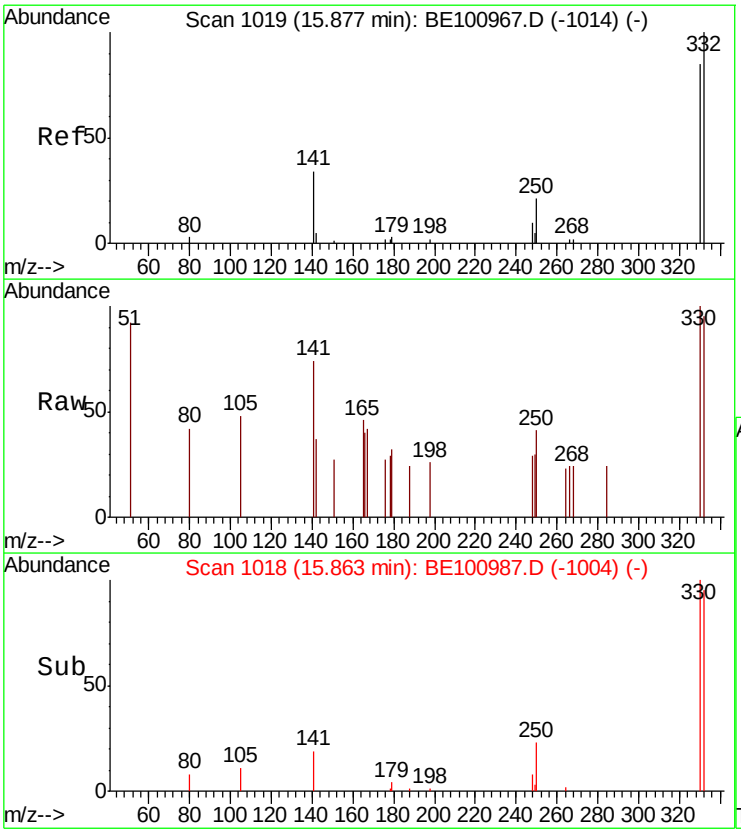
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 7359

Ion	Ratio	Lower	Upper
164	100		
162	106.8	81.6	122.4
160	50.5	37.7	56.5

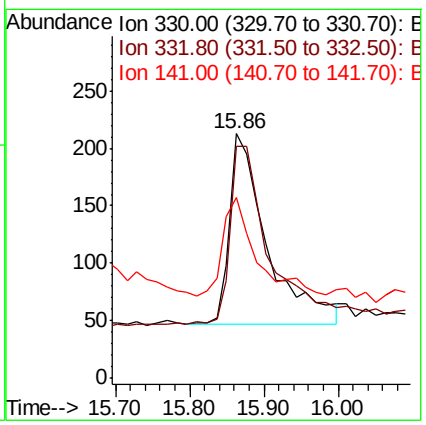


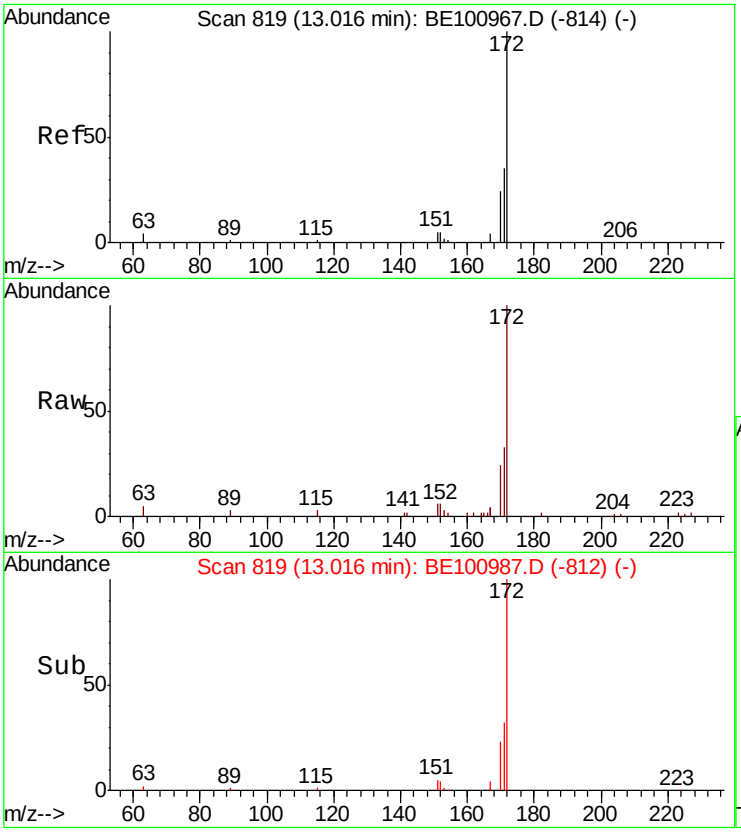


#14
2,4,6-Tribromophenol
Concen: 0.452 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:330 Resp: 582

Ion	Ratio	Lower	Upper
330	100		
332	102.1	72.4	108.6
141	46.7	25.4	38.2#



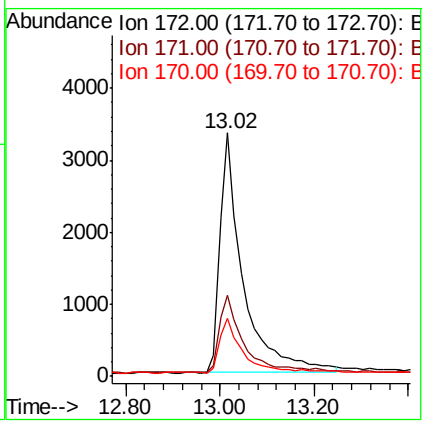


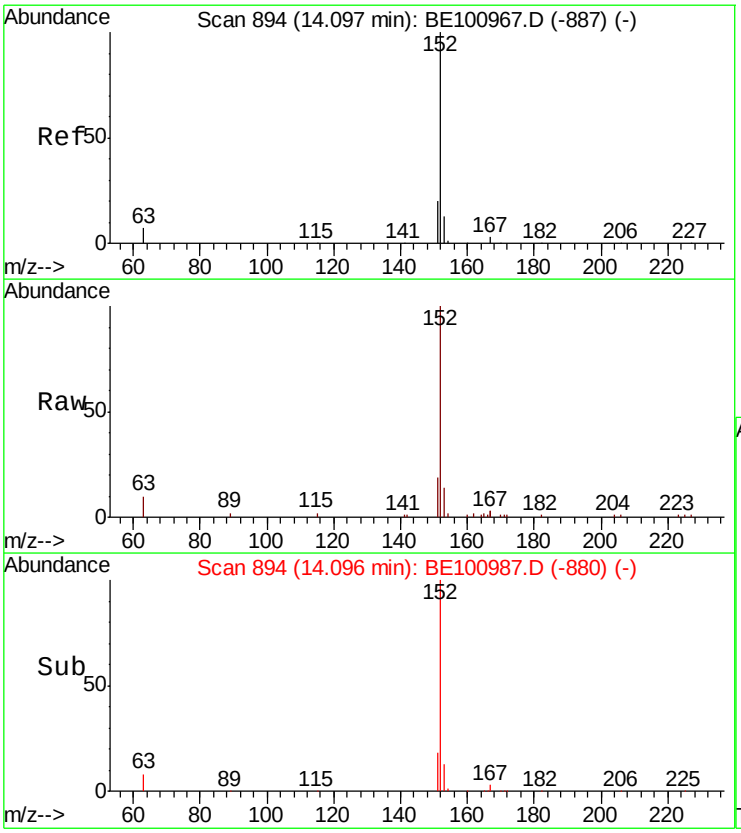
#15
2-Fluorobiphenyl
Concen: 0.435 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 11364

Ion	Ratio	Lower	Upper
172	100		
171	33.4	29.0	43.6
170	24.0	20.0	30.0

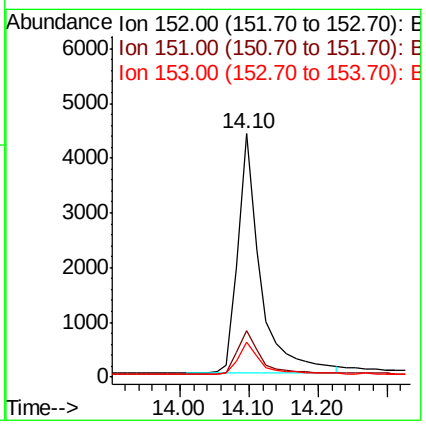


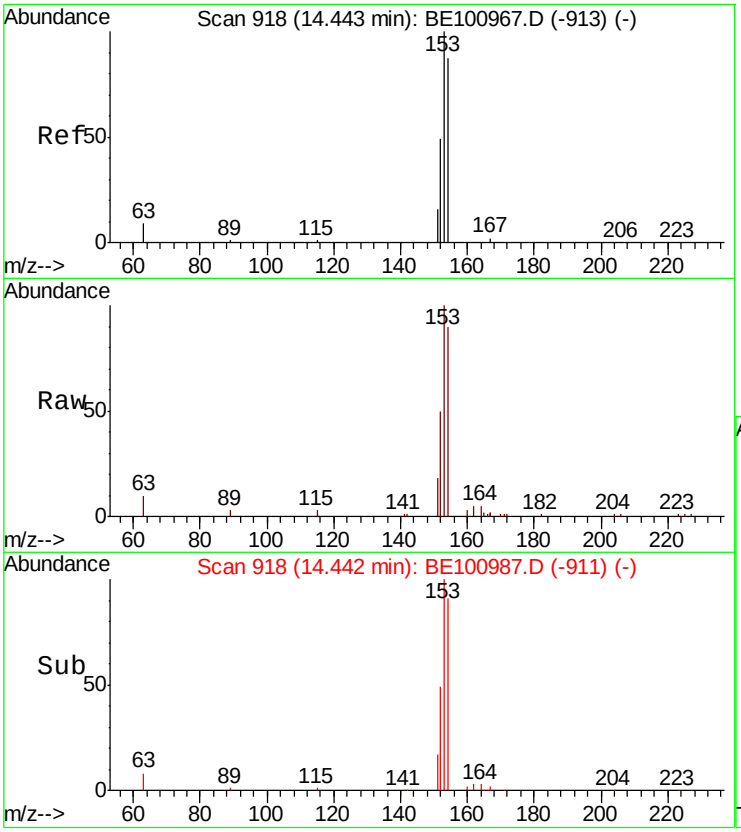


#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:152 Resp: 9979

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.5	23.3
153	13.2	10.5	15.7



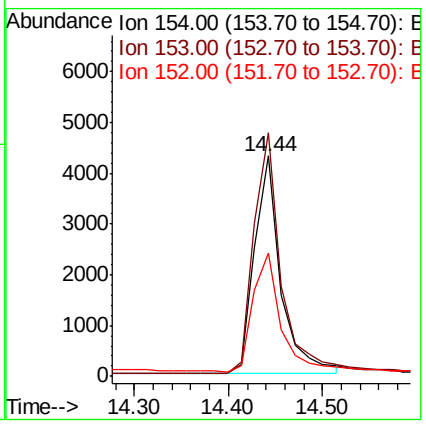


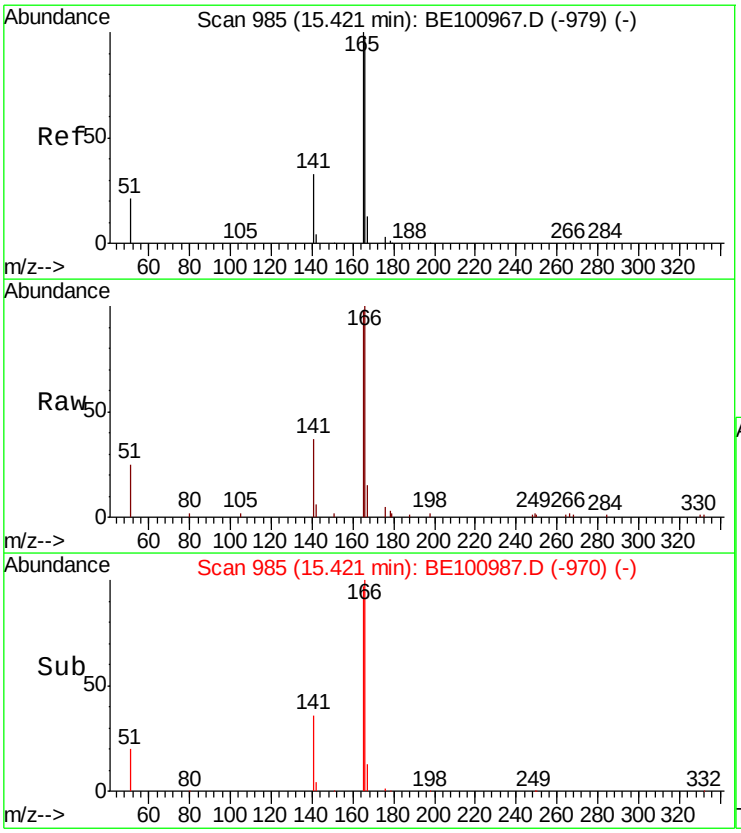
#17
Acenaphthene
Concen: 0.417 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 8326

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.7	137.5
152	57.4	44.5	66.7

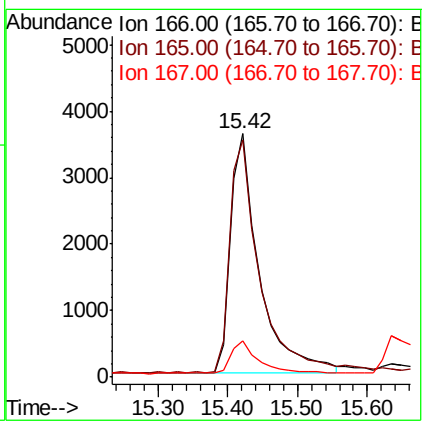


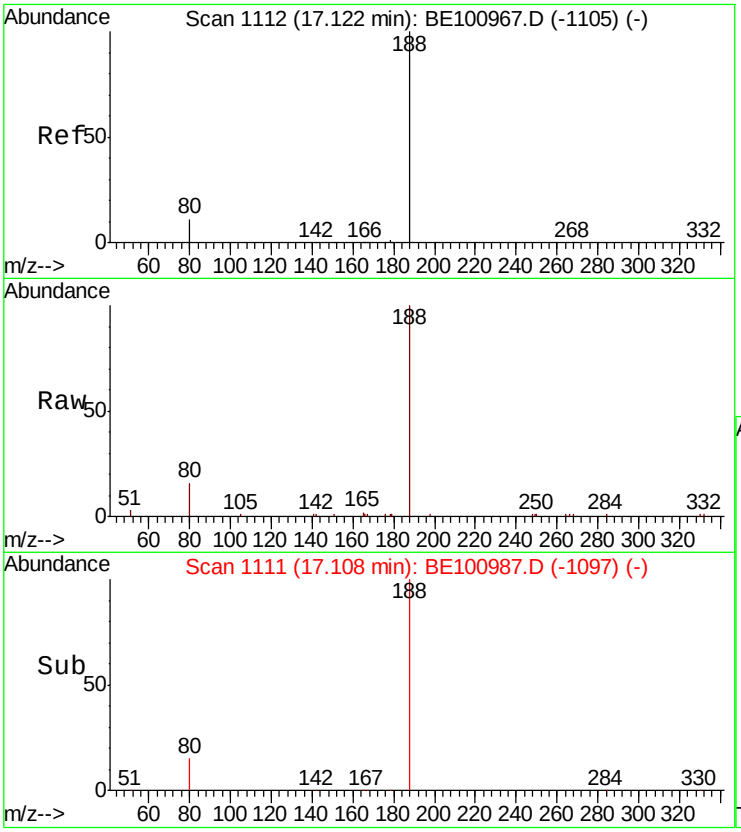


#18
Fluorene
Concen: 0.416 ng
RT: 15.42 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:166 Resp: 10352

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.4	119.0
167	13.6	10.6	15.8



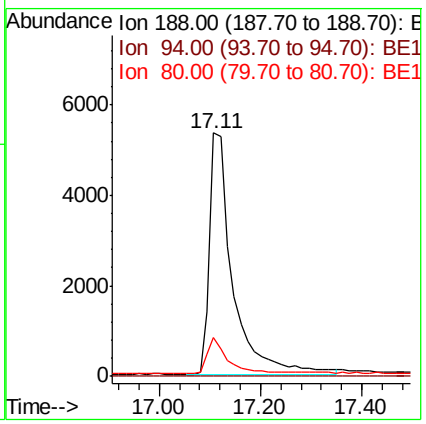


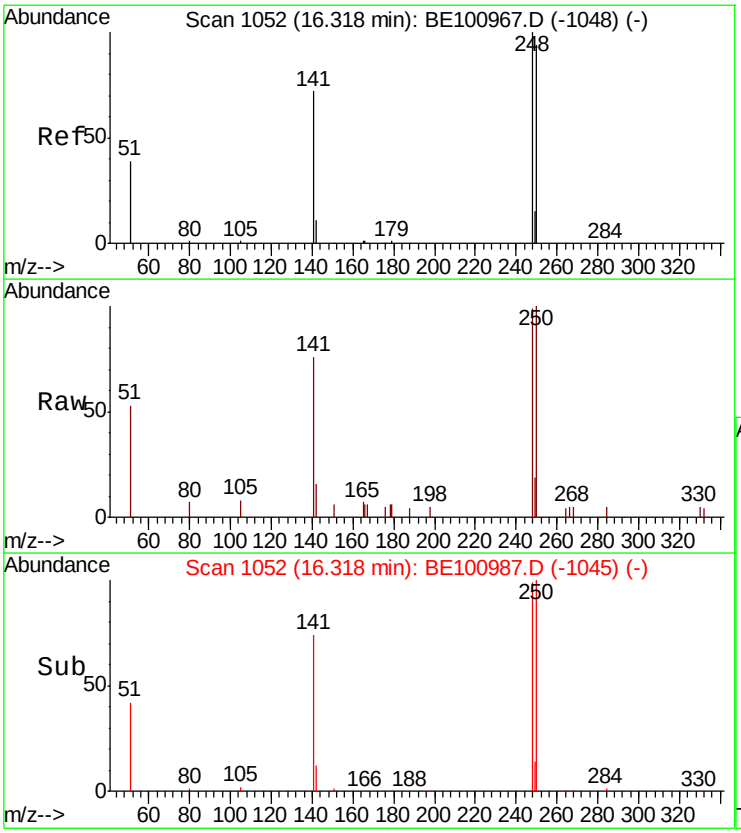
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 16940

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.1	9.7	14.5#

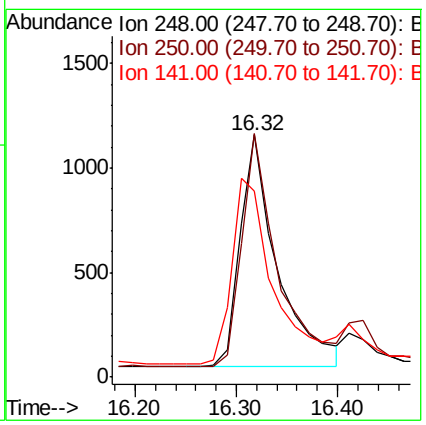


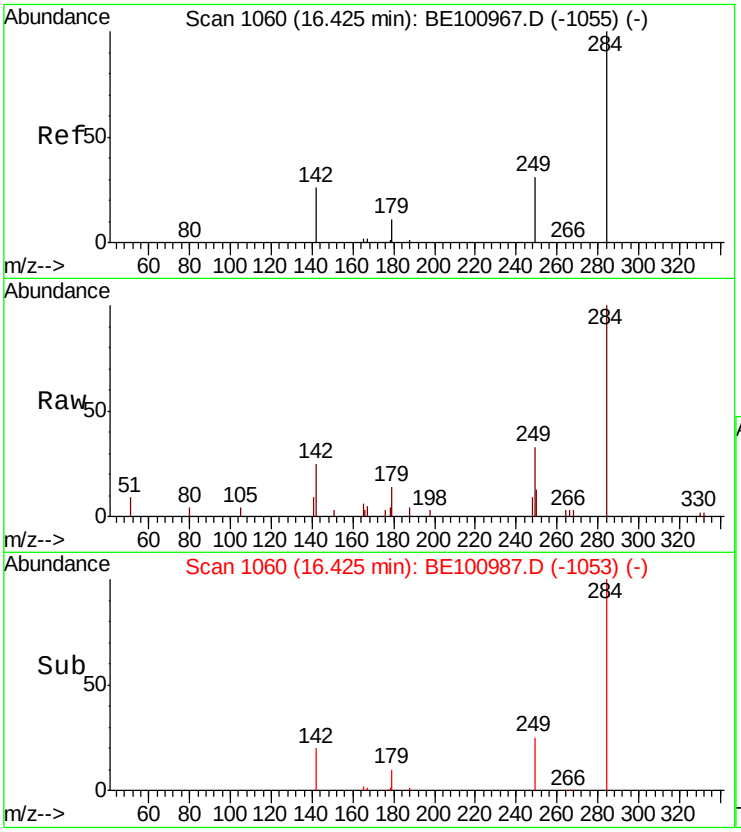


#20
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:248 Resp: 2840

Ion	Ratio	Lower	Upper
248	100		
250	100.7	76.0	114.0
141	76.8	61.0	91.6



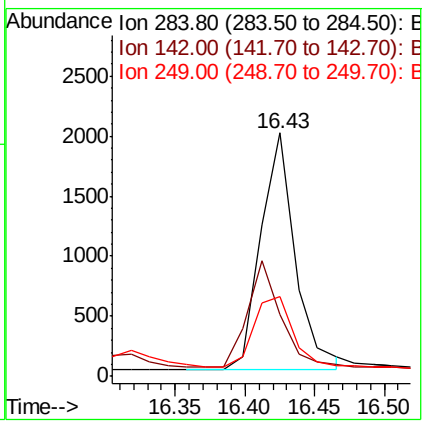


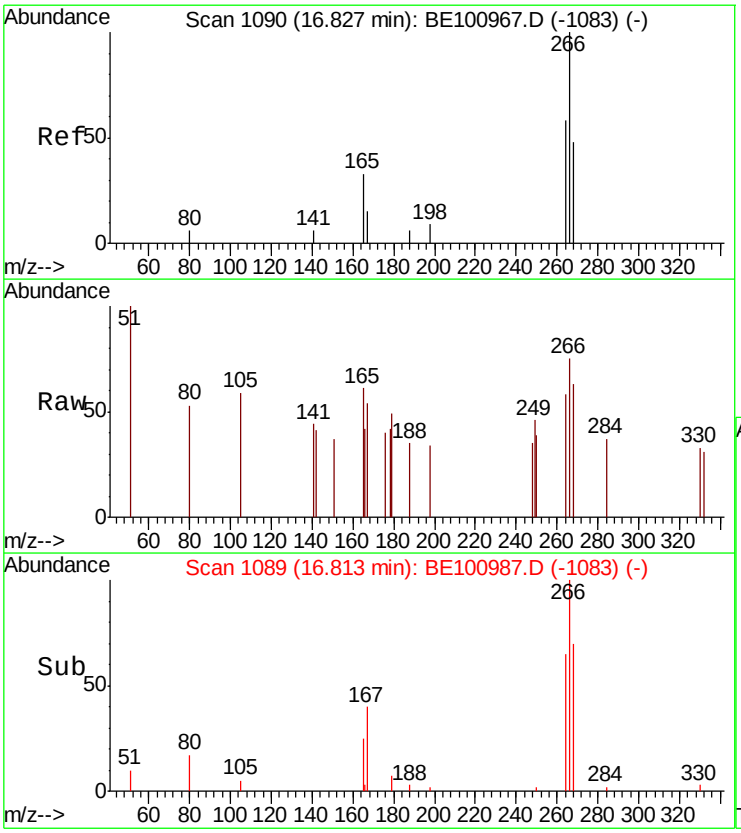
#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.43 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 3425

Ion	Ratio	Lower	Upper
284	100		
142	43.4	33.3	49.9
249	33.7	27.2	40.8

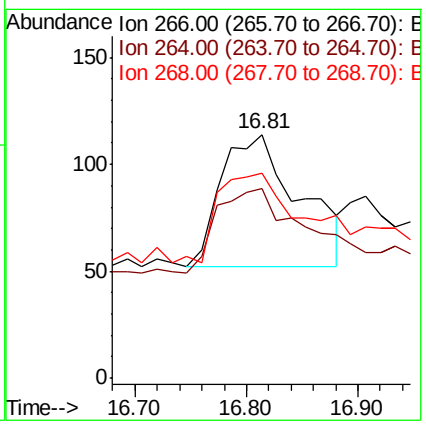


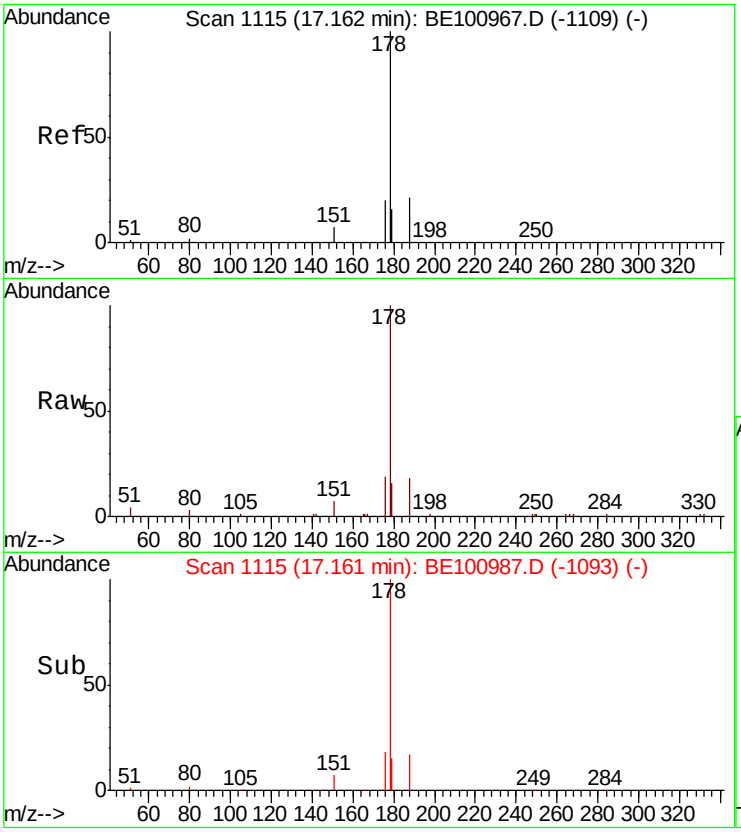


#22
Pentachlorophenol
Concen: 0.383 ng
RT: 16.81 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:266 Resp: 304

Ion	Ratio	Lower	Upper
266	100		
264	78.1	62.3	93.5
268	84.2	66.1	99.1



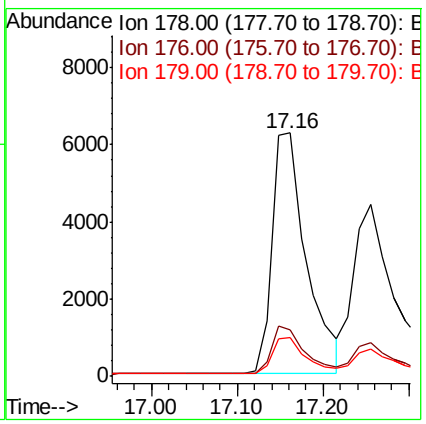


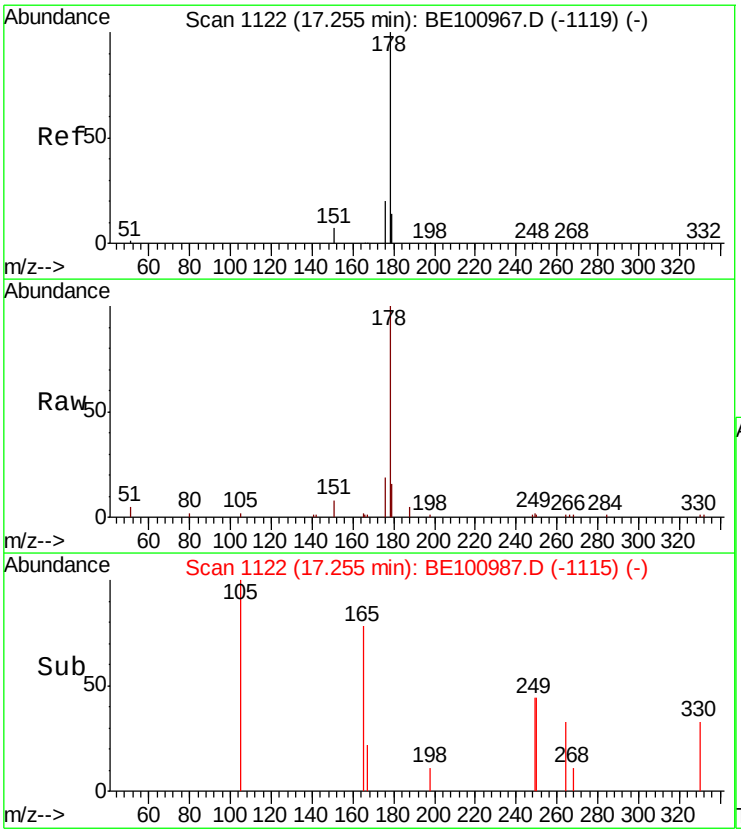
#23
Phenanthrene
Concen: 0.398 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 17371

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.0	12.6	18.8

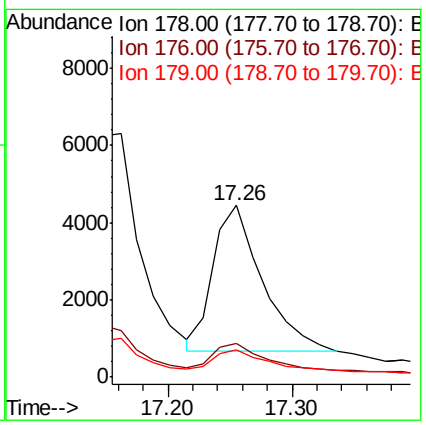


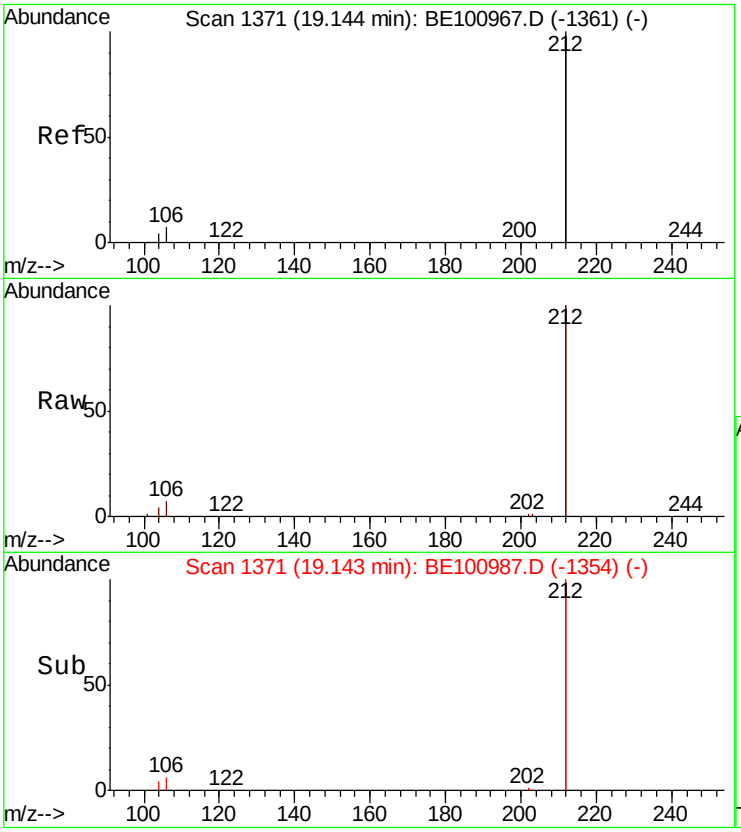


#24
Anthracene
Concen: 0.236 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:178 Resp: 10435

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	14.5	12.5	18.7



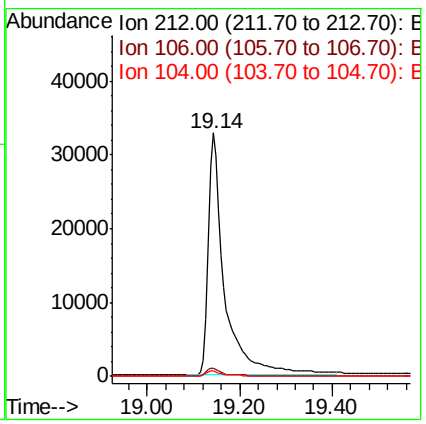


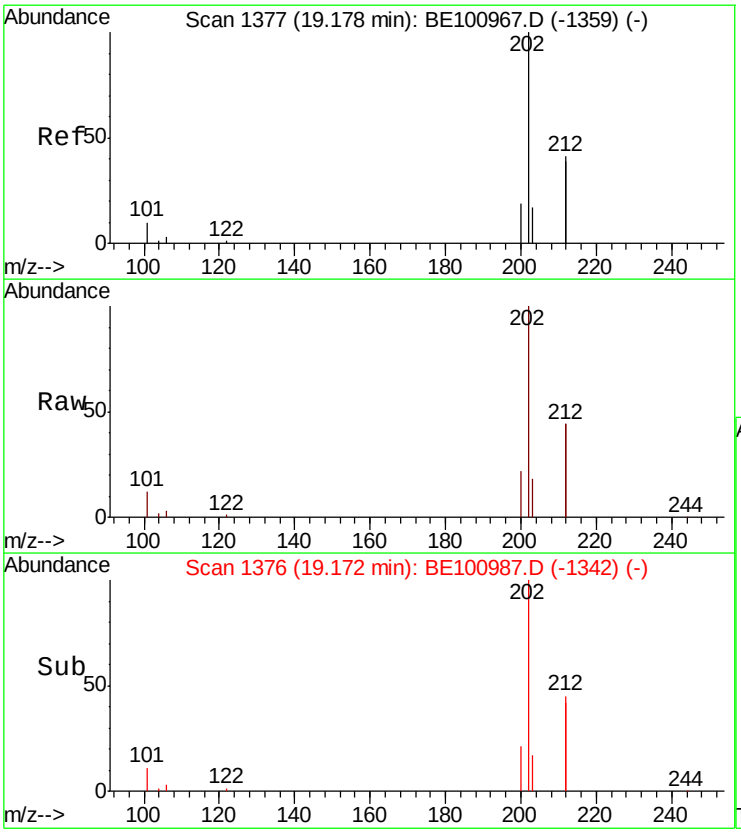
#25
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 82077

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.4	3.6
104	1.7	1.4	2.0

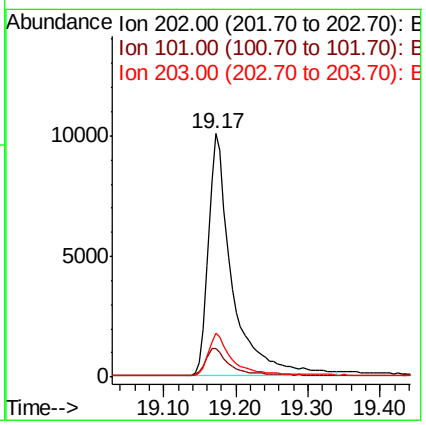


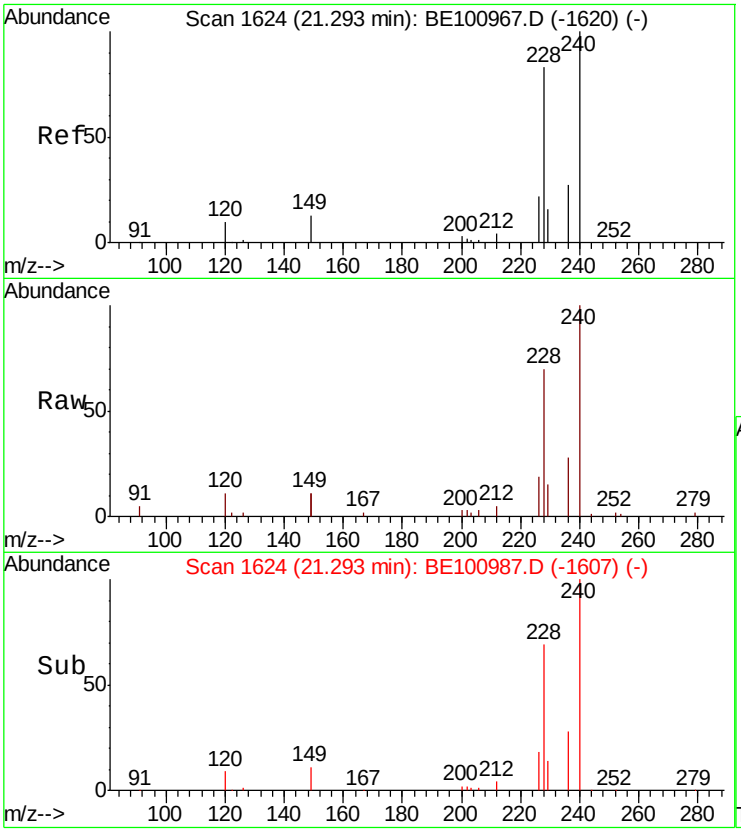


#26
Fluoranthene
Concen: 0.388 ng
RT: 19.17 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:202 Resp: 23083

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.0	13.4
203	17.2	13.2	19.8



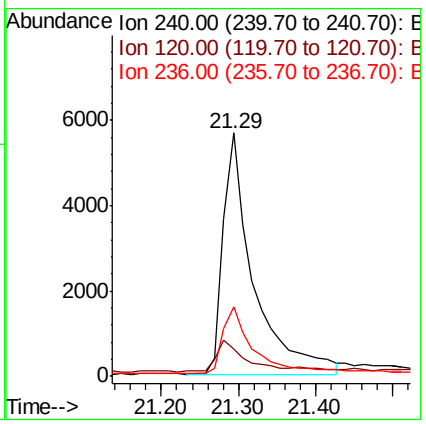


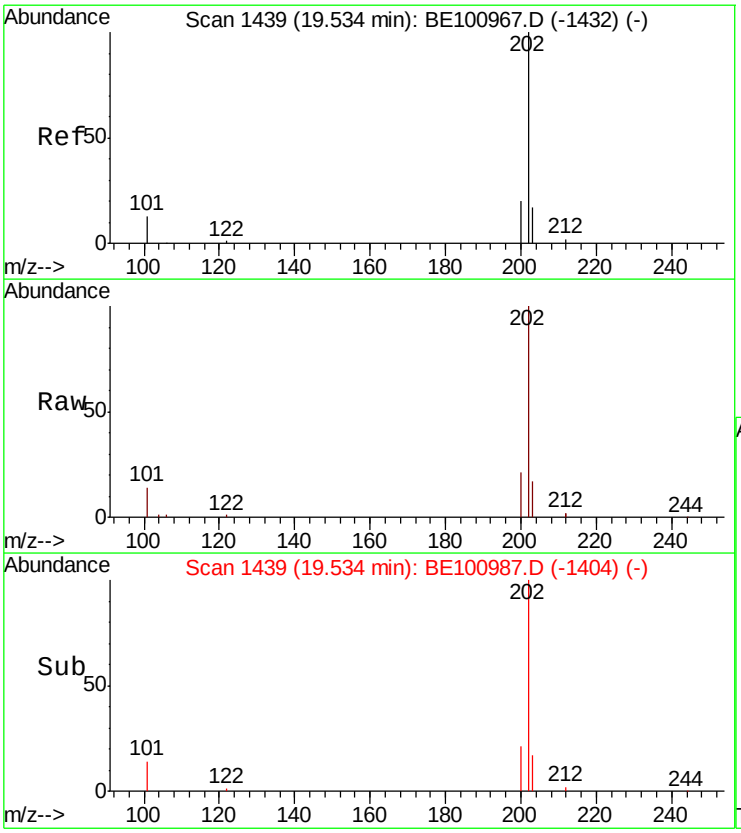
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 15404

Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.2	15.4
236	28.5	22.6	34.0

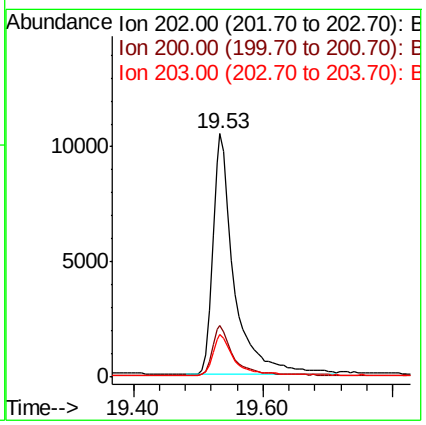


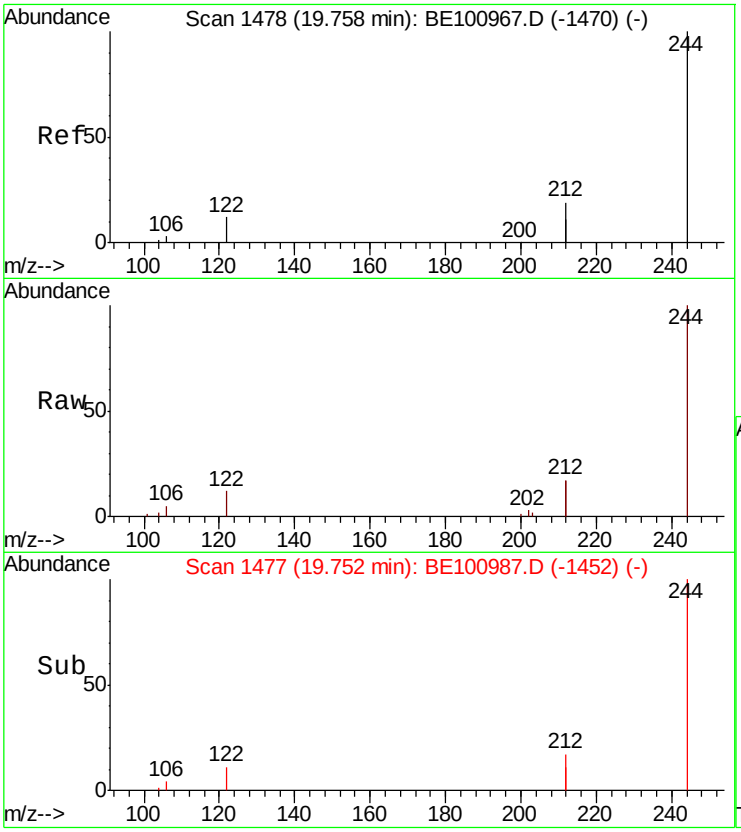


#28
Pyrene
Concen: 0.450 ng
RT: 19.53 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:202 Resp: 24244

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.1	13.8	20.6



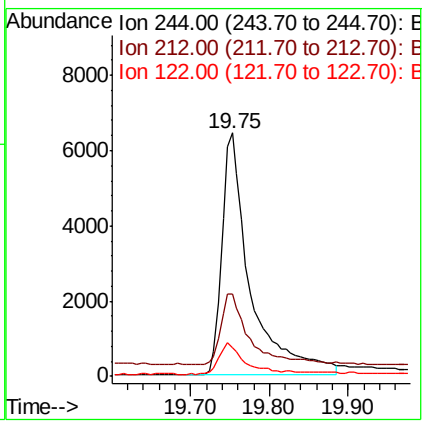


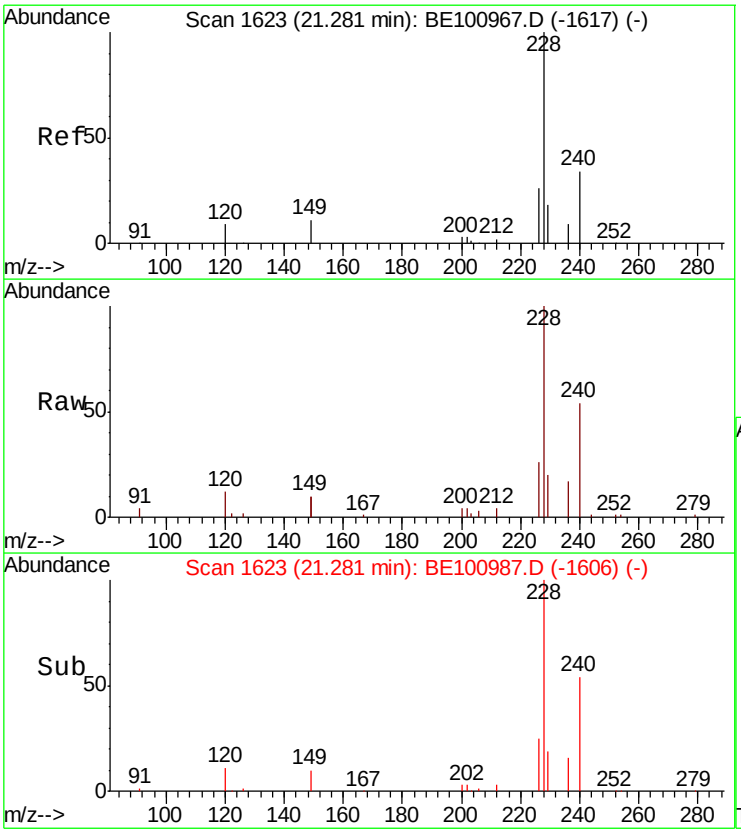
#29
Terphenyl-d14
Concen: 0.452 ng
RT: 19.75 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 16017

Ion	Ratio	Lower	Upper
244	100		
212	34.0	29.3	43.9
122	11.8	10.2	15.4

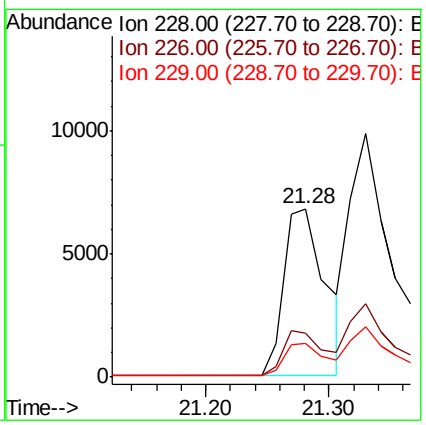


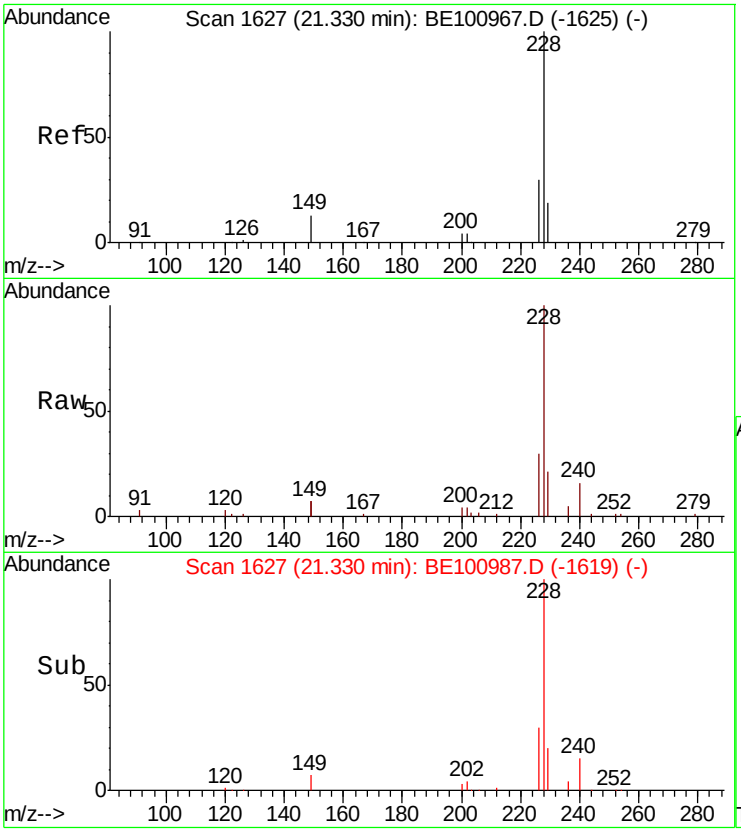


#30
Benzo(a)anthracene
Concen: 0.422 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:228 Resp: 15895

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.8	32.6
229	20.1	15.4	23.0



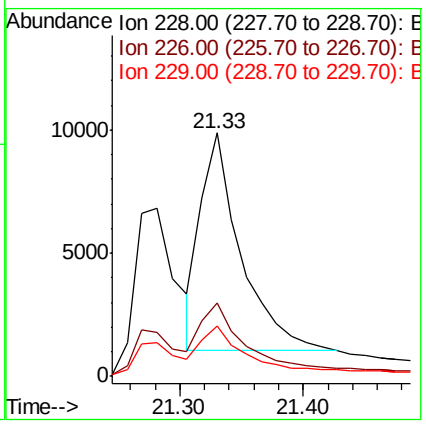


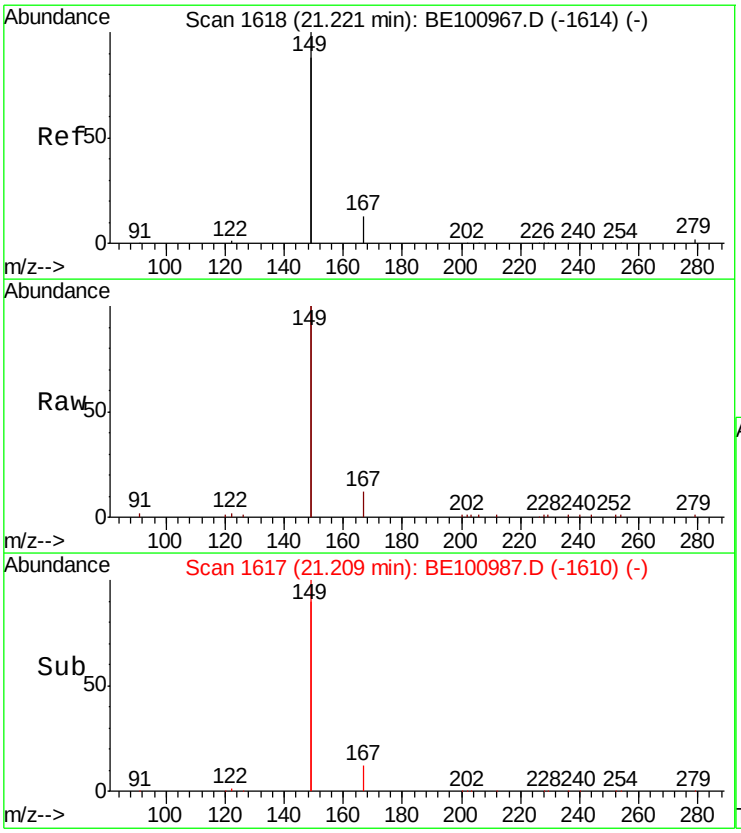
#31
Chrysene
Concen: 0.281 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 19697

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.6	35.4
229	20.6	15.7	23.5

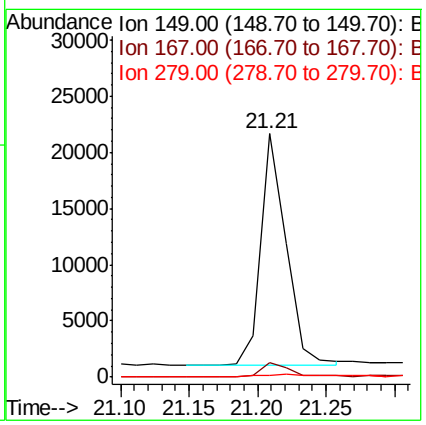


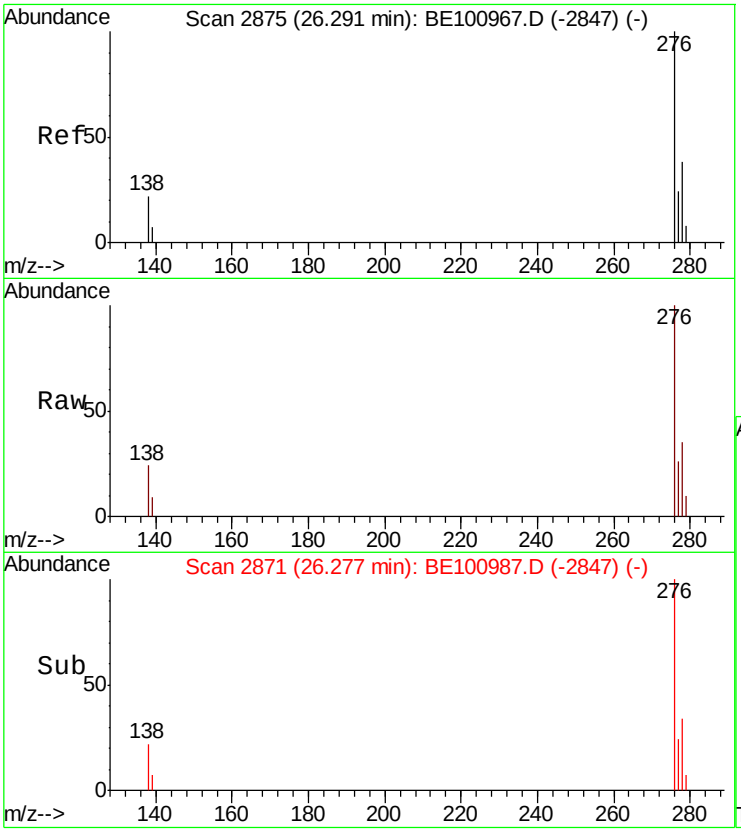


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.393 ng
RT: 21.21 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:149 Resp: 26285

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.1	7.7
279	1.1	0.6	1.0#



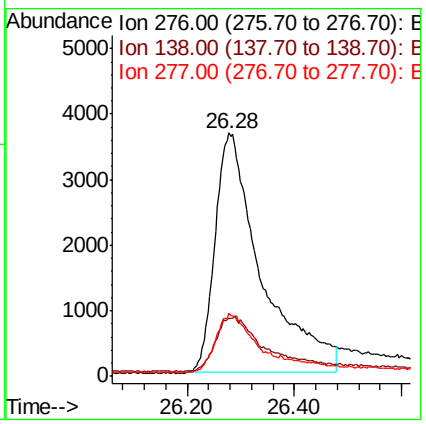


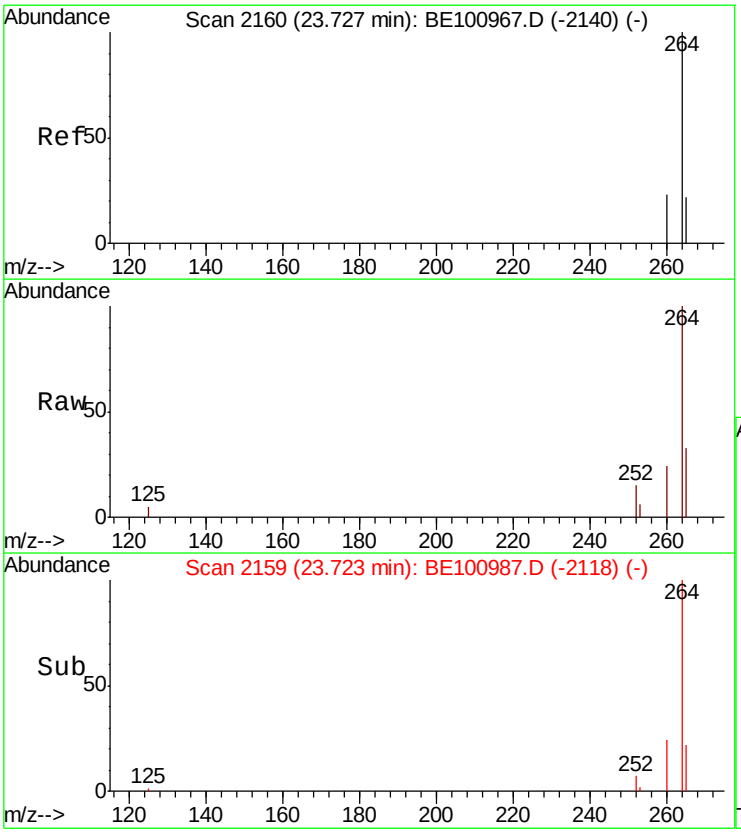
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng
RT: 26.28 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 21874

Ion	Ratio	Lower	Upper
276	100		
138	24.9	14.8	22.2#
277	24.3	18.0	27.0

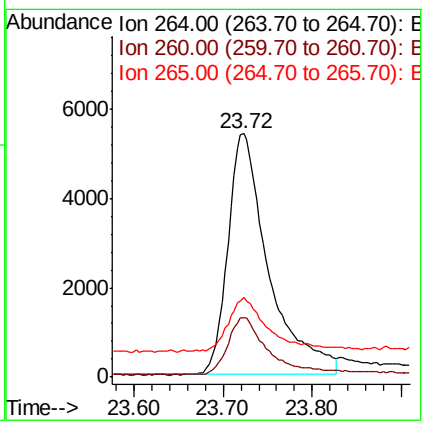


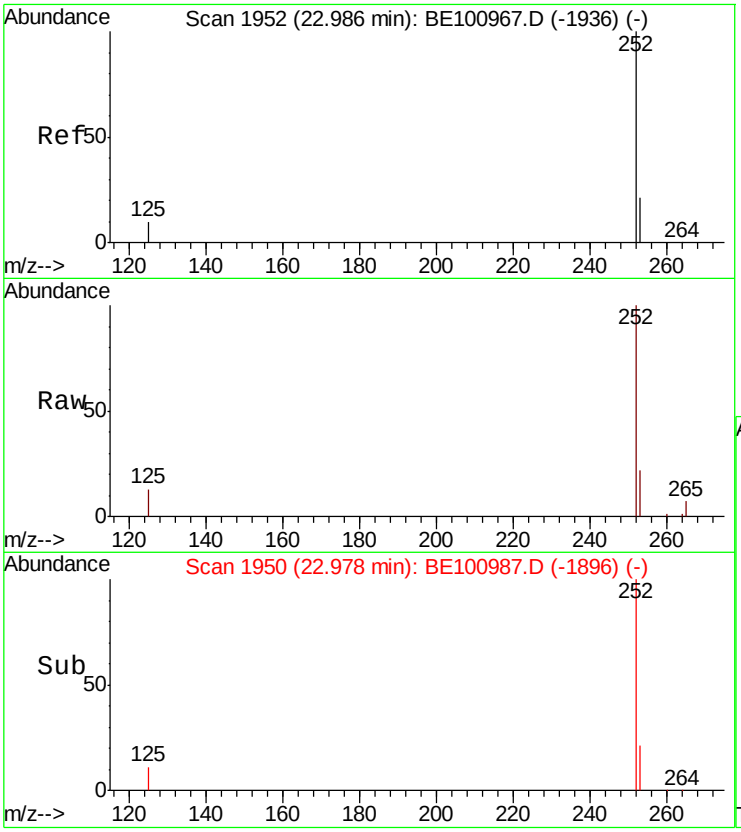


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:264 Resp: 17240

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	32.6	26.6	40.0



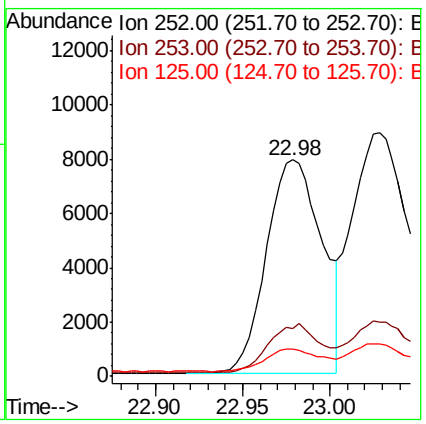


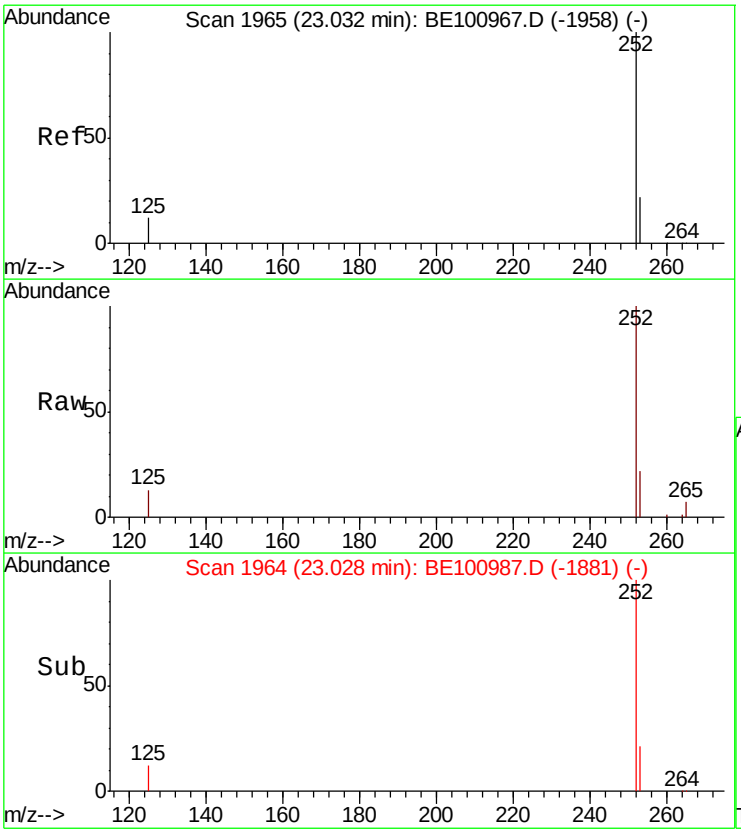
#35
Benzo(b)fluoranthene
Concen: 0.481 ng
RT: 22.98 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 17460

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	12.6	9.7	14.5

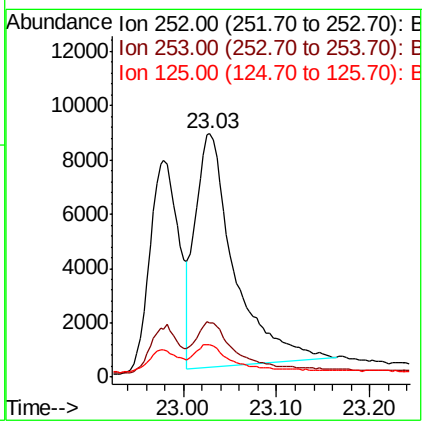


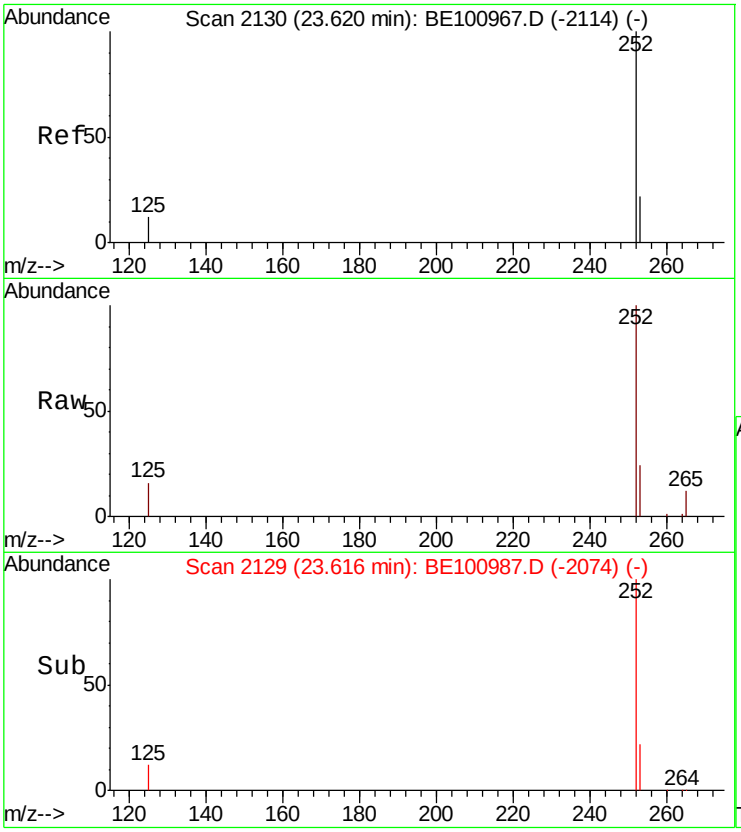


#36
Benzo(k)fluoranthene
Concen: 0.362 ng
RT: 23.03 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:252 Resp: 24907

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.9	28.3
125	13.3	11.2	16.8



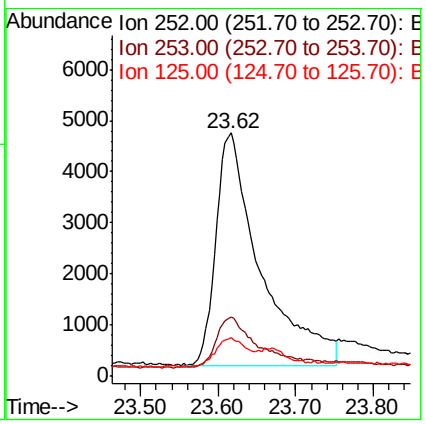


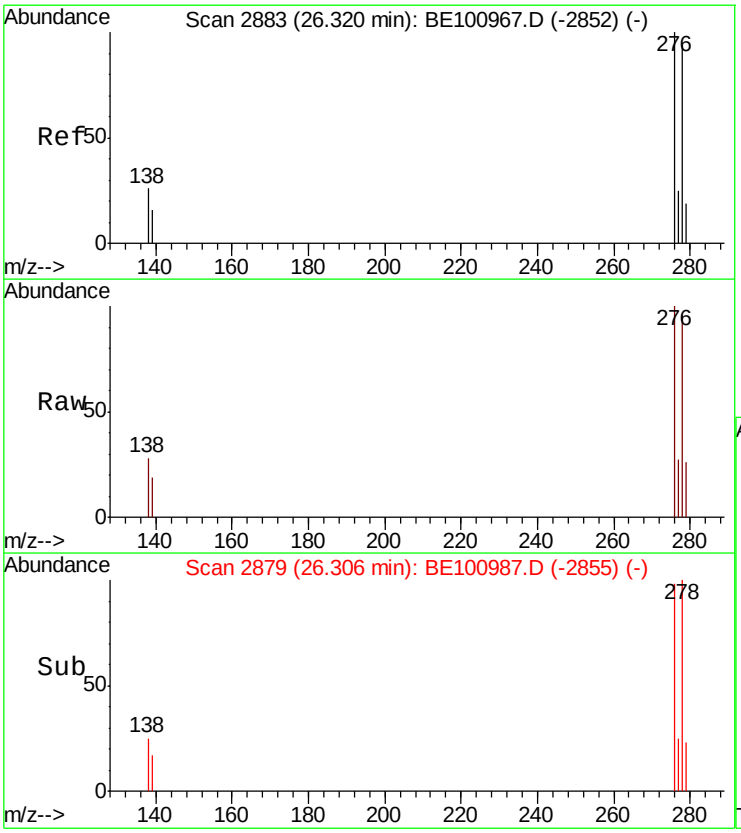
#37
Benzo(a)pyrene
Concen: 0.429 ng
RT: 23.62 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 18162

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.1	30.1
125	15.8	12.6	18.8

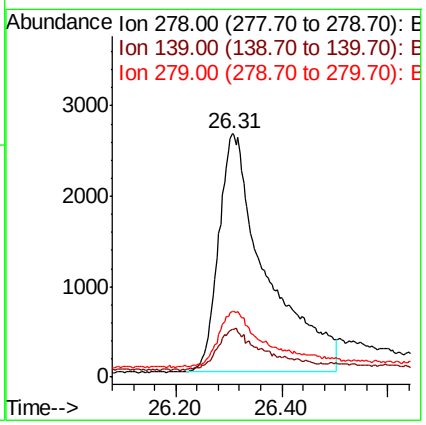


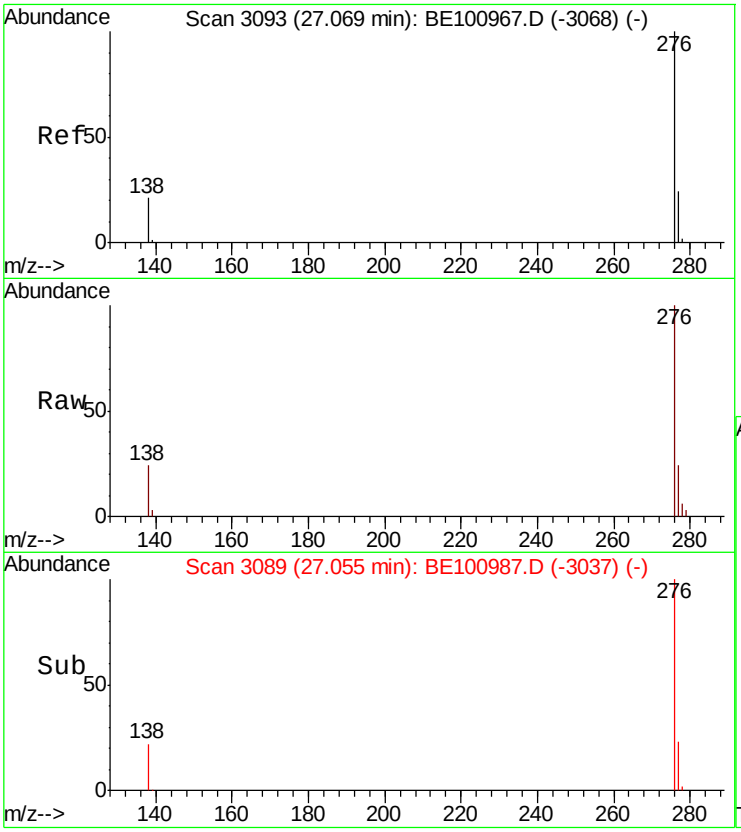


#38
Dibenzo(a,h)anthracene
Concen: 0.426 ng
RT: 26.31 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Tgt Ion:278 Resp: 16356

Ion	Ratio	Lower	Upper
278	100		
139	19.8	16.4	24.6
279	27.2	19.3	28.9





#39
Benzo(g,h,i)perylene
Concen: 0.445 ng
RT: 27.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BE100987.D
Acq: 27 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 20104

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.0	30.0
138	23.9	18.6	27.8